

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056676.D
 Acq On : 11 Jul 2019 19:38
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 04:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	286256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	442765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	401489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	162567	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	143097	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	10.09	98	532467	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	192366	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	104462	43.097	ug/l	99
3) Chloromethane	2.06	50	139404	42.239	ug/l	98
4) Vinyl Chloride	2.18	62	142947	44.844	ug/l	99
5) Bromomethane	2.53	94	79202	42.383	ug/l	99
6) Chloroethane	2.68	64	85412	46.269	ug/l	100
7) Trichlorofluoromethane	3.00	101	198954	48.250	ug/l	100
8) Diethyl Ether	3.41	74	85166	48.803	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	125908	47.882	ug/l	100
10) Methyl Iodide	3.95	142	155873	43.859	ug/l	98
11) Tert butyl alcohol	4.79	59	143197	267.985	ug/l	98
12) 1,1-Dichloroethene	3.73	96	117704	46.547	ug/l	99
13) Acrolein	3.60	56	81643	181.285	ug/l	99
14) Allyl chloride	4.32	41	216454	51.421	ug/l	98
15) Acrylonitrile	4.99	53	405563	274.350	ug/l	99
16) Acetone	3.82	43	323402	203.459	ug/l	99
17) Carbon Disulfide	4.05	76	219342	38.136	ug/l	100
18) Methyl Acetate	4.32	43	177129	57.018	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	440314	52.622	ug/l	100
20) Methylene Chloride	4.55	84	151585	50.599	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	126063	46.239	ug/l	96
22) Diisopropyl ether	5.95	45	485240	54.889	ug/l	97
23) Vinyl Acetate	5.89	43	1957570	280.749	ug/l	100
24) 1,1-Dichloroethane	5.85	63	263838	51.991	ug/l	99
25) 2-Butanone	6.84	43	540386	256.870	ug/l	99
26) 2,2-Dichloropropane	6.82	77	176527	50.015	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	164208	51.481	ug/l	99
28) Bromochloromethane	7.19	49	129753	51.693	ug/l	100
29) Tetrahydrofuran	7.21	42	366609	285.165	ug/l	98
30) Chloroform	7.37	83	267316	53.384	ug/l	98
31) Cyclohexane	7.65	56	212172	43.308	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	213522	53.795	ug/l	100
36) 1,1-Dichloropropene	7.79	75	182845	46.918	ug/l	99
37) Ethyl Acetate	6.93	43	213517	55.751	ug/l	99
38) Carbon Tetrachloride	7.77	117	175302	51.439	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	212243	44.137	ug/l	99
40) Benzene	8.04	78	591065	49.307	ug/l	99
41) Methacrylonitrile	7.17	41	94660	55.973	ug/l	94
42) 1,2-Dichloroethane	8.12	62	197994	50.047	ug/l	100
43) Isopropyl Acetate	8.16	43	336192	56.928	ug/l	99
44) Trichloroethene	8.83	130	159075	49.262	ug/l	98
45) 1,2-Dichloropropane	9.12	63	168639	52.603	ug/l	99
46) Dibromomethane	9.21	93	104359	52.030	ug/l	99
47) Bromodichloromethane	9.40	83	200432	56.344	ug/l	98
48) Methyl methacrylate	9.20	41	168349	56.886	ug/l	96
49) 1,4-Dioxane	9.20	88	72521	1180.857	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1115030	292.531	ug/l	100
52) Toluene	10.15	92	364907	49.790	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	211916	51.081	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	236667	55.247	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	161063	54.673	ug/l	99
56) Ethyl methacrylate	10.43	69	247502	57.489	ug/l	99
57) 1,3-Dichloropropane	10.71	76	267954	54.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	576876	372.981	ug/l	99
59) 2-Hexanone	10.75	43	805755	287.622	ug/l	99
60) Dibromochloromethane	10.90	129	163072	53.671	ug/l	100
61) 1,2-Dibromoethane	11.00	107	161696	53.741	ug/l	98
64) Tetrachloroethene	10.63	164	153419	48.253	ug/l	99
65) Chlorobenzene	11.43	112	404747	50.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	154179	56.547	ug/l	100
67) Ethyl Benzene	11.51	91	708612	50.025	ug/l	99
68) m/p-Xylenes	11.62	106	533091	102.691	ug/l	99
69) o-Xylene	11.95	106	261765	50.968	ug/l	100
70) Styrene	11.96	104	453156	55.201	ug/l	100
71) Bromoform	12.13	173	121093	54.734	ug/l #	99
73) Isopropylbenzene	12.25	105	701792	49.603	ug/l	100
74) N-amyl acetate	12.07	43	285347	47.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238016	54.650	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	285223	73.057	ug/l #	100
77) Bromobenzene	12.53	156	187301	44.489	ug/l	96
78) n-propylbenzene	12.59	91	783998	45.469	ug/l	100
79) 2-Chlorotoluene	12.67	91	476579	50.428	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	598237	50.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	64966	59.142	ug/l	92
82) 4-Chlorotoluene	12.77	91	471504	46.314	ug/l	100
83) tert-Butylbenzene	12.99	119	512941	49.659	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	598110	47.187	ug/l	100
85) sec-Butylbenzene	13.17	105	678199	44.751	ug/l	100
86) p-Isopropyltoluene	13.29	119	620991	47.746	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	316176	49.556	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	303849	49.174	ug/l	100
89) n-Butylbenzene	13.61	91	508645	51.660	ug/l	100
90) Hexachloroethane	13.87	117	97111	47.892	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	321663	50.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40977	58.817	ug/l	97

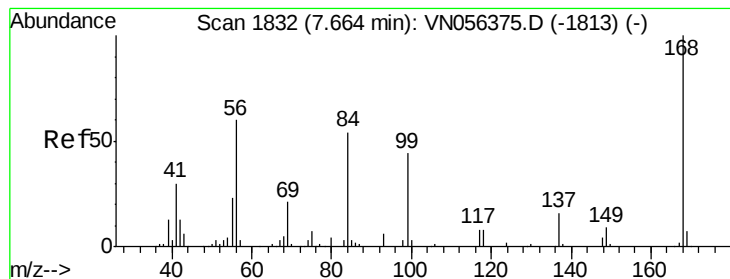
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	168335	50.946	ug/l	99
94) Hexachlorobutadiene	15.01	225	107173	49.958	ug/l	98
95) Naphthalene	15.13	128	449919	51.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	171982	50.319	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

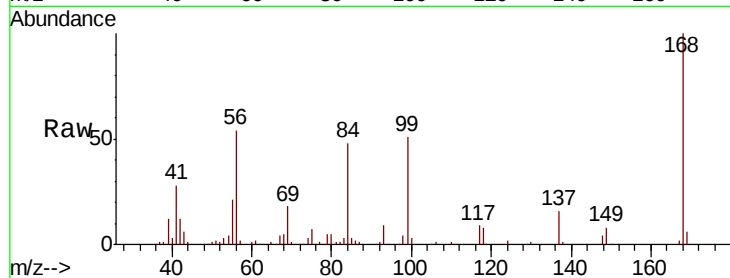
VSTDCCC050EC

Tot Ion:168 Resp: 286256

Ion Ratio Lower Upper

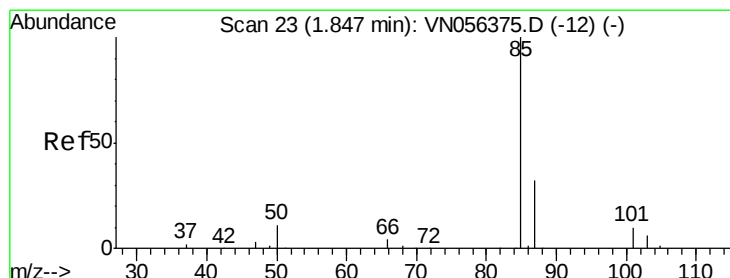
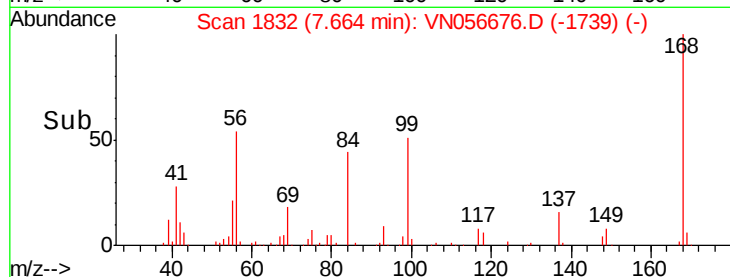
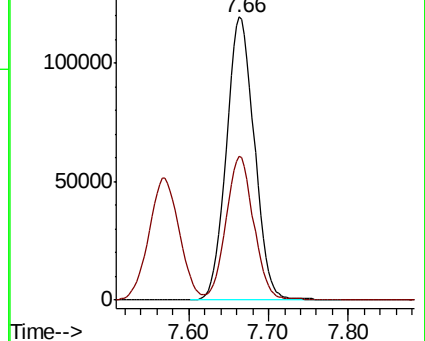
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.097 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056676.D

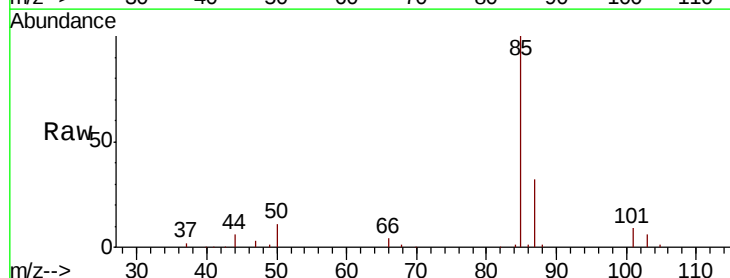
Acq: 11 Jul 2019 19:38

Tgt Ion: 85 Resp: 104462

Ion Ratio Lower Upper

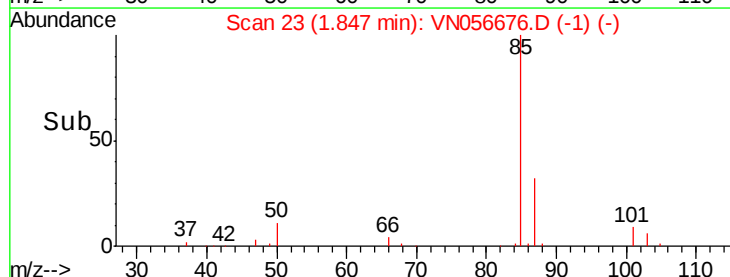
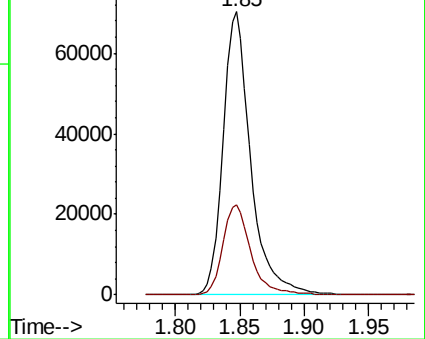
85 100

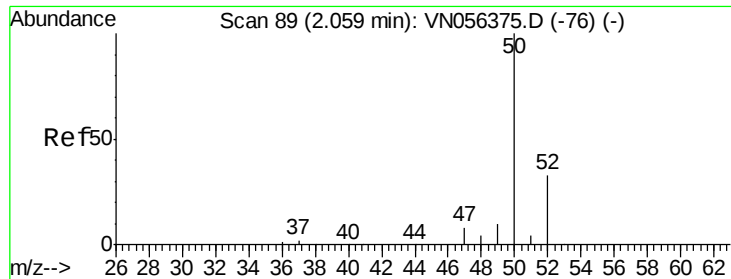
87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.239 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

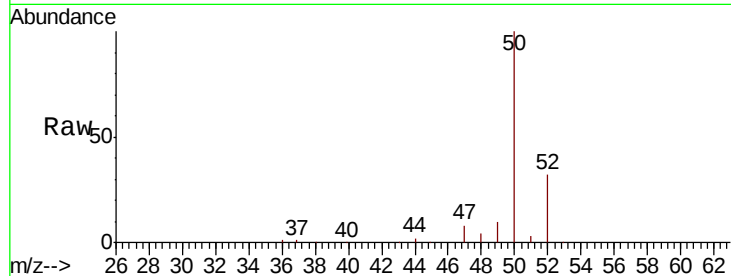
VSTDCCC050EC

Tot Ion: 50 Resp: 139404

Ion Ratio Lower Upper

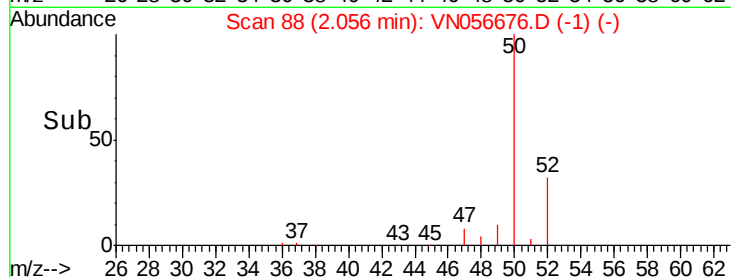
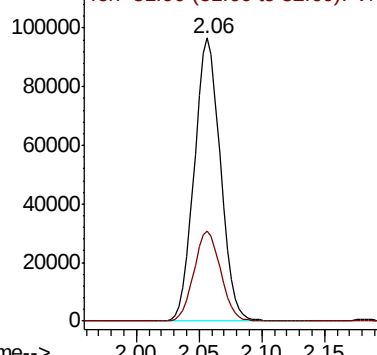
50 100

52 31.9 26.5 39.7

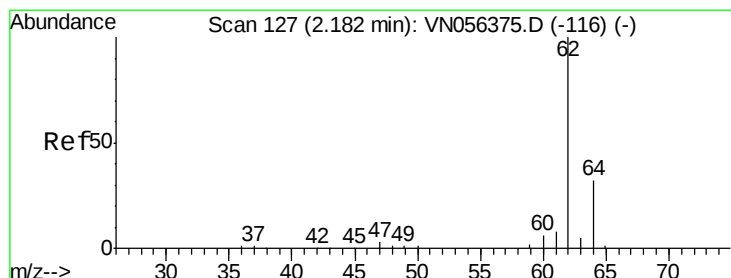


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->



#4

Vinyl Chloride

Concen: 44.844 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056676.D

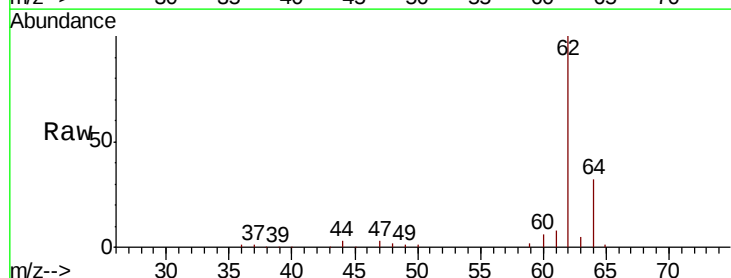
Acq: 11 Jul 2019 19:38

Tgt Ion: 62 Resp: 142947

Ion Ratio Lower Upper

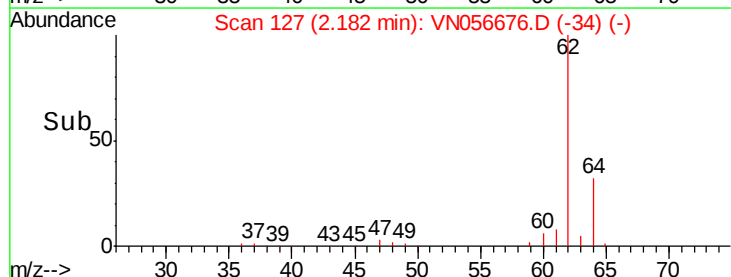
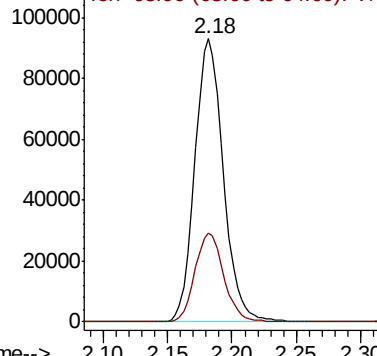
62 100

64 31.5 25.7 38.5

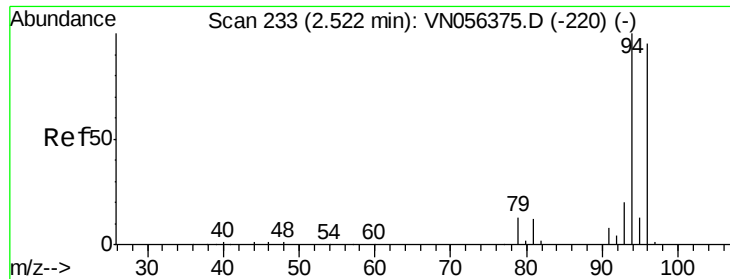


Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



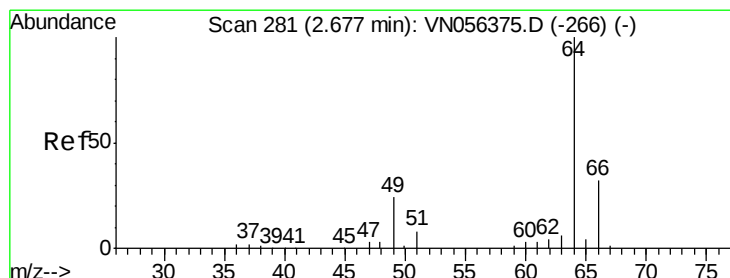
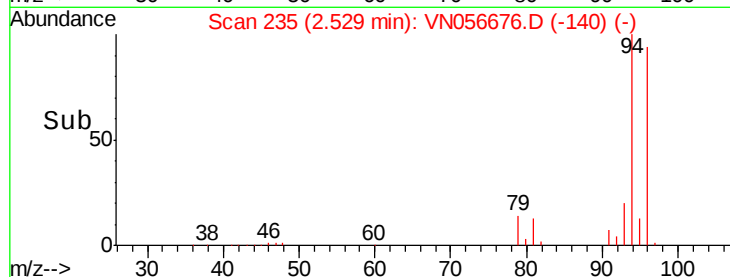
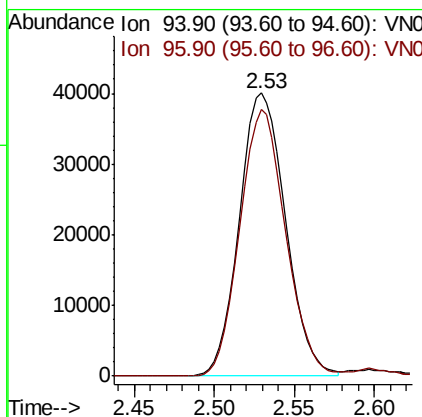
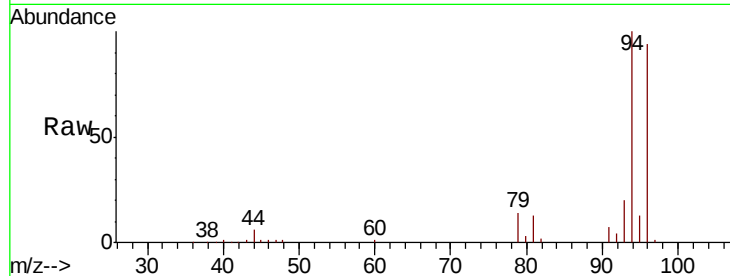
Time-->



#5
Bromomethane
Concen: 42.383 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

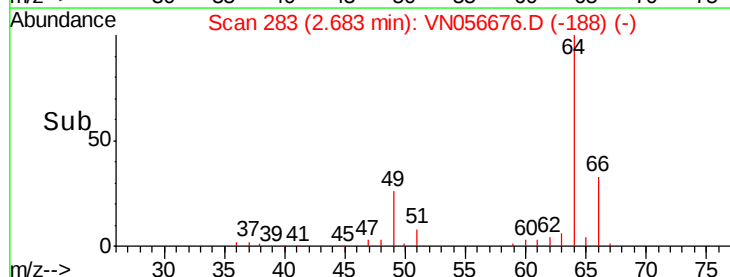
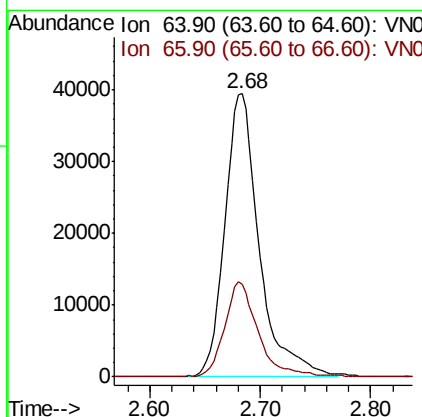
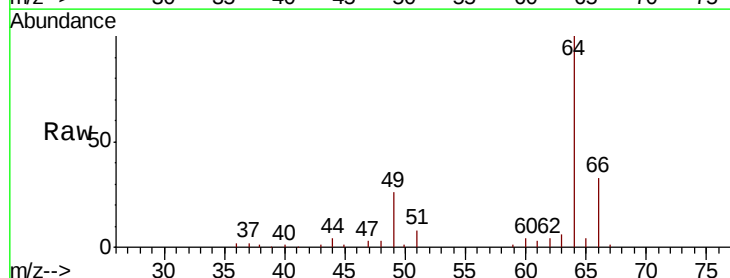
Instrument :
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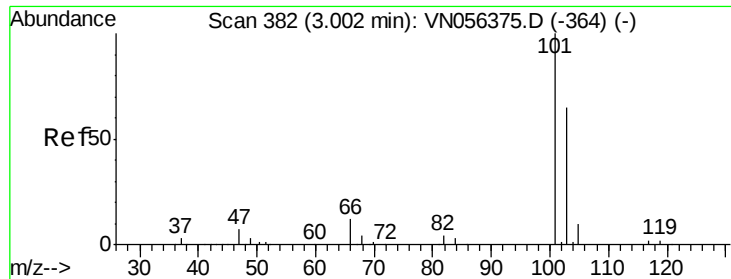
Tot Ion: 94 Resp: 79202
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 46.269 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 64 Resp: 85412
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8



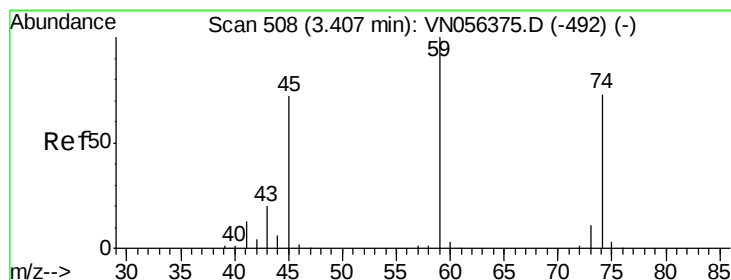
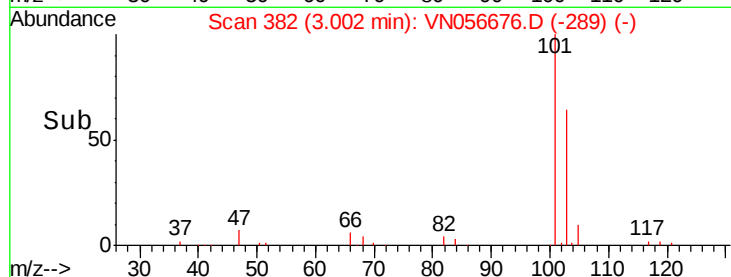
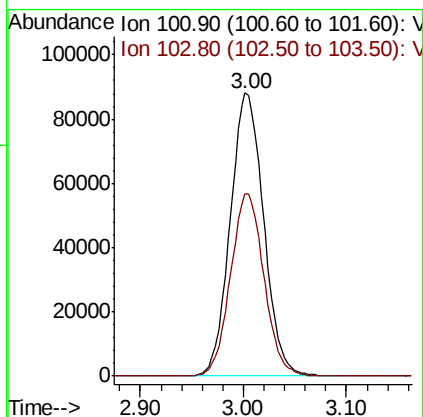
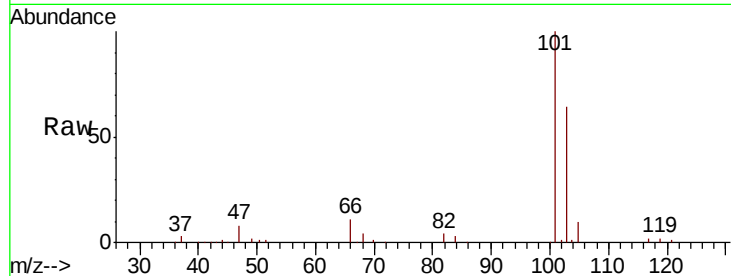


#7

Trichlorofluoromethane
Concen: 48.250 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Instrument :
MSVOA_N
ClientSampleId :
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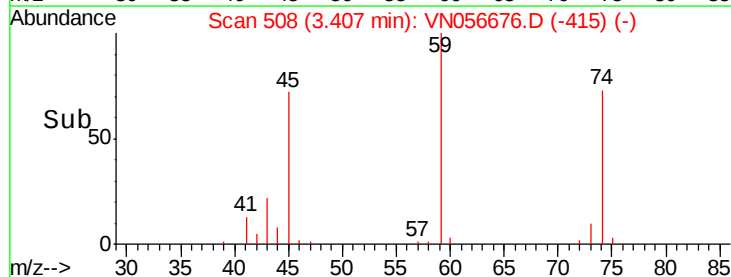
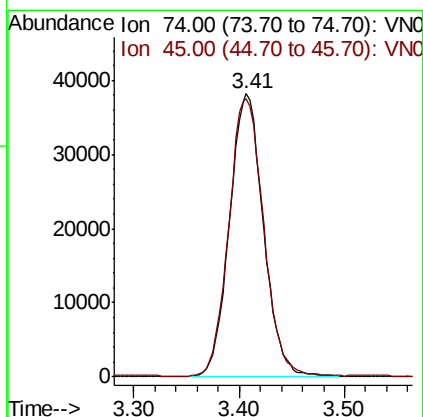
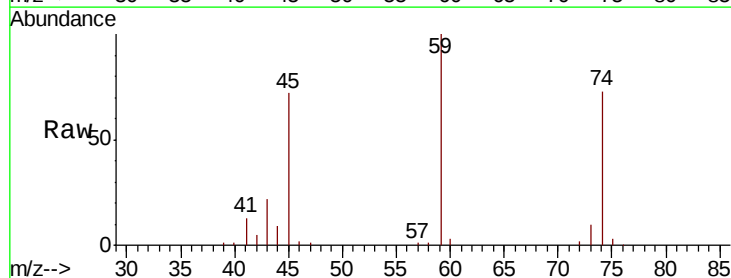
Tot Ion:101 Resp: 198954
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

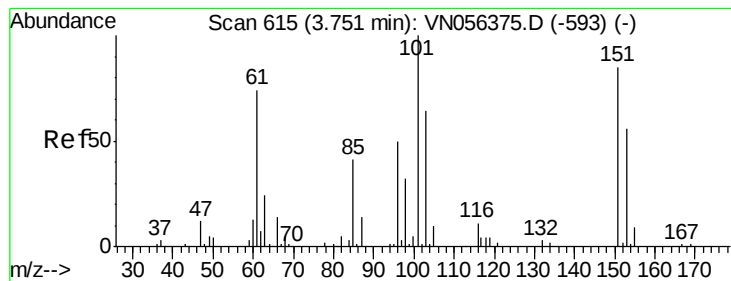


#8

Diethyl Ether
Concen: 48.803 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 74 Resp: 85166
Ion Ratio Lower Upper
74 100
45 101.1 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.882 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

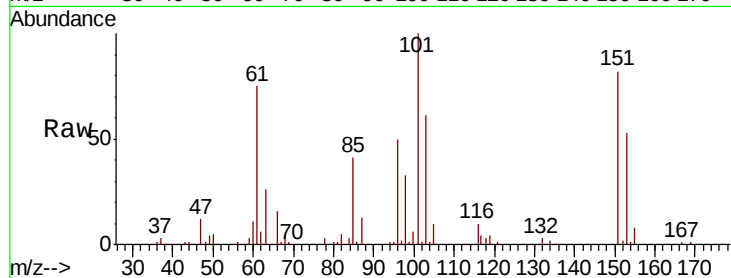
Tot Ion:101 Resp: 125908

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

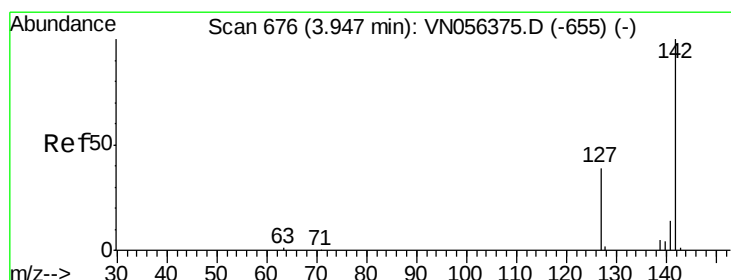
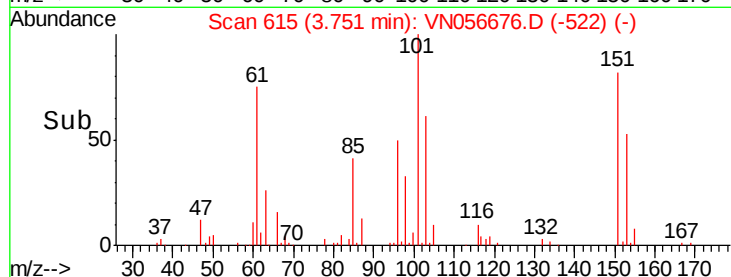
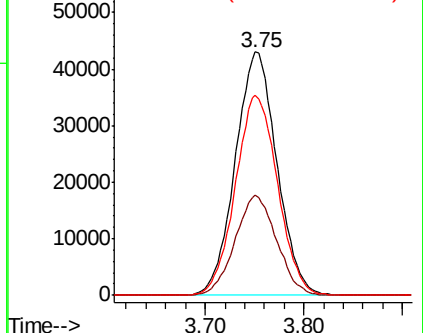
151 83.3 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.859 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

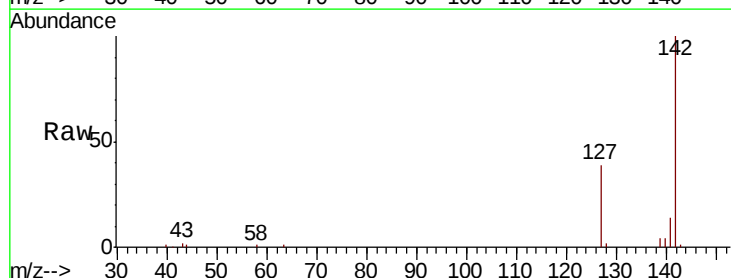
Tgt Ion:142 Resp: 155873

Ion Ratio Lower Upper

142 100

127 39.3 30.6 46.0

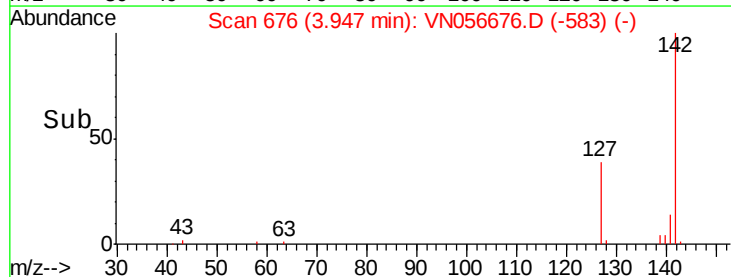
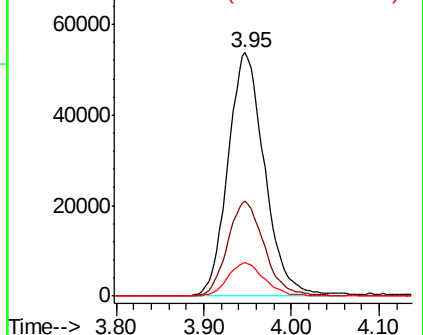
141 13.8 11.4 17.2

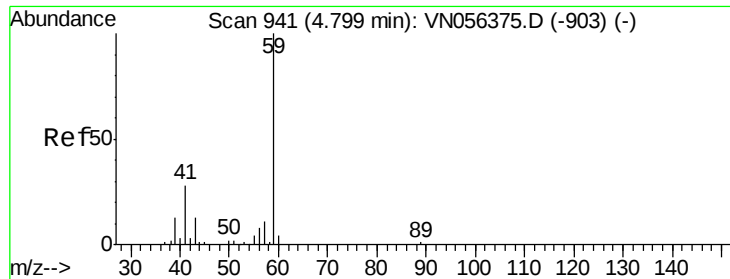


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



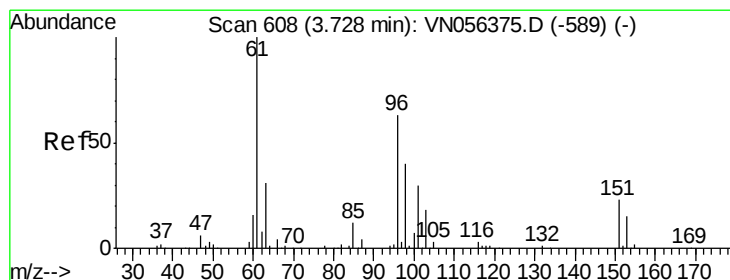
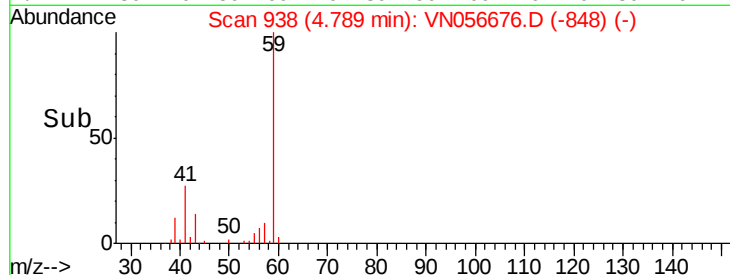
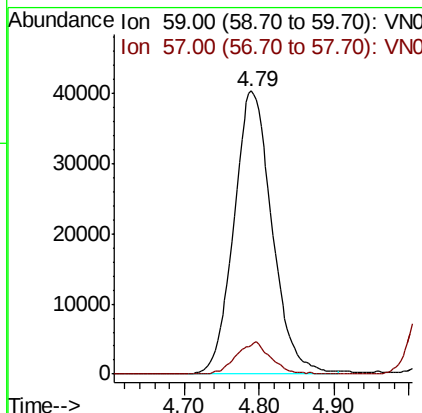
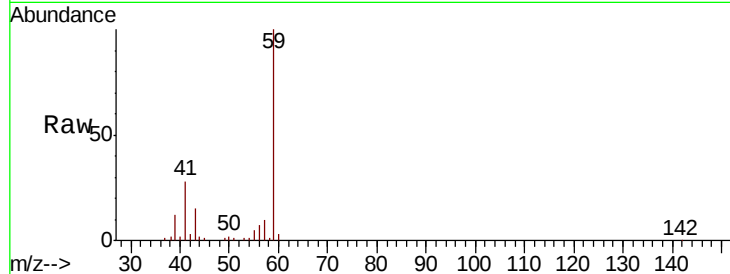


#11

Tert butyl alcohol
 Concen: 267.985 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

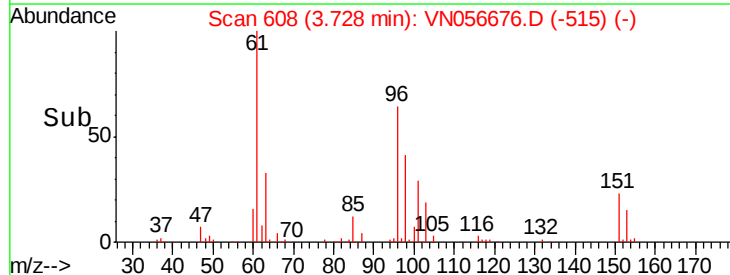
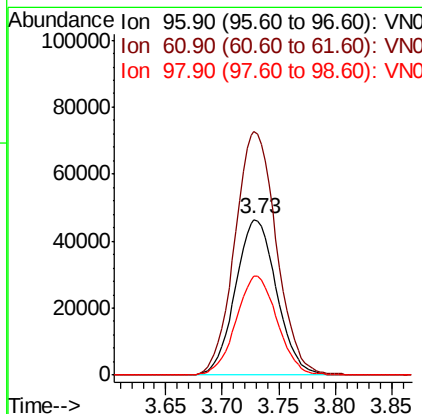
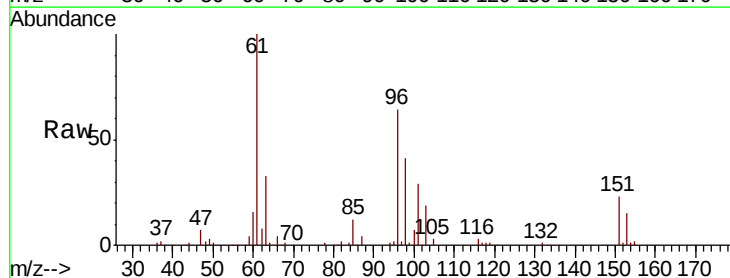
Tot Ion: 59 Resp: 143197
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.6 11.4

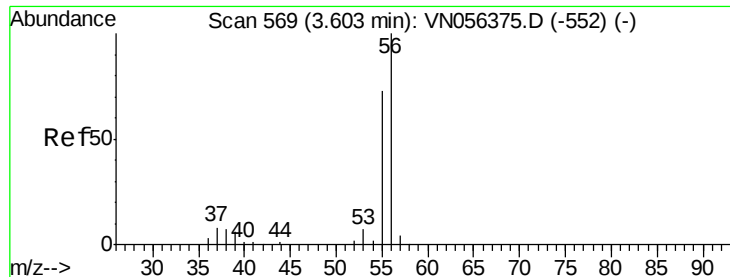


#12

1,1-Dichloroethene
 Concen: 46.547 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion: 96 Resp: 117704
 Ion Ratio Lower Upper
 96 100
 61 156.3 126.6 190.0
 98 63.5 51.1 76.7

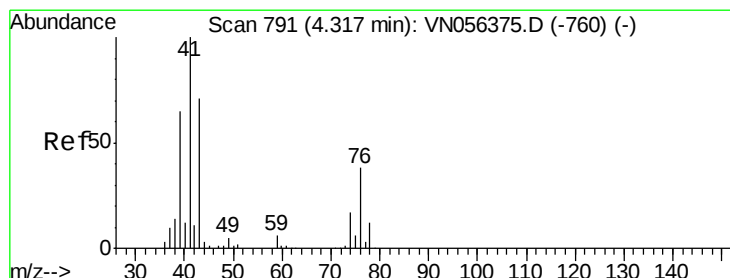
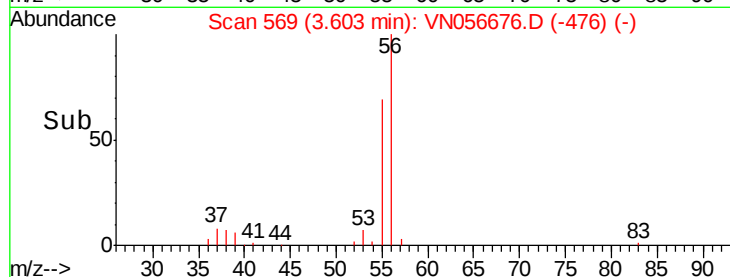
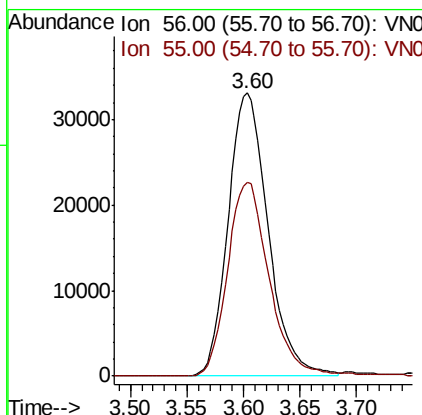
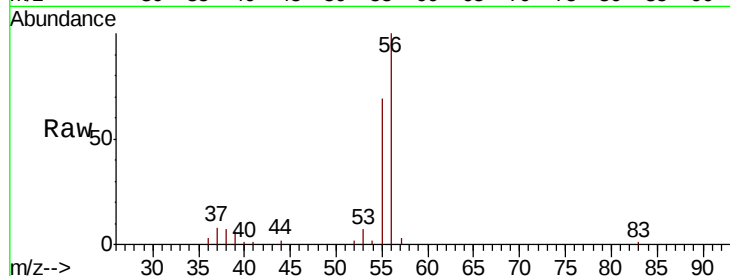




#13
Acrolein
Concen: 181.285 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

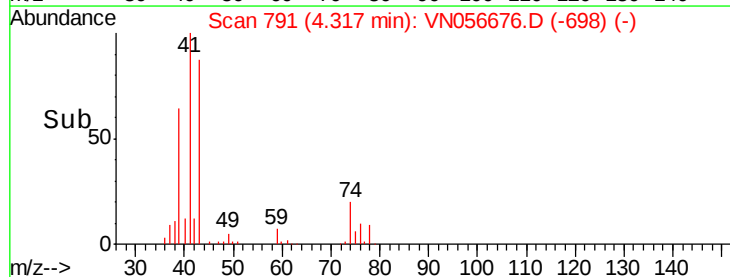
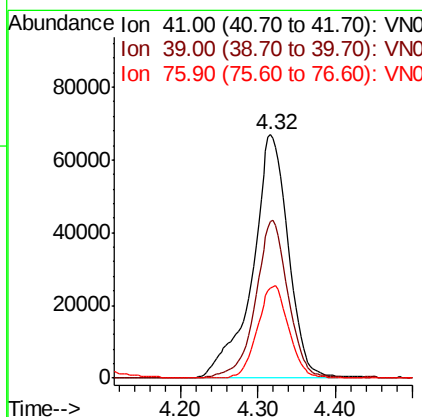
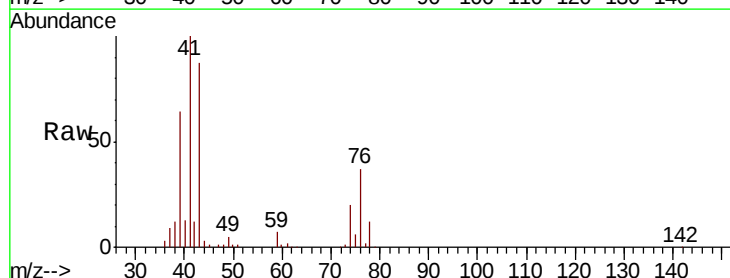
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

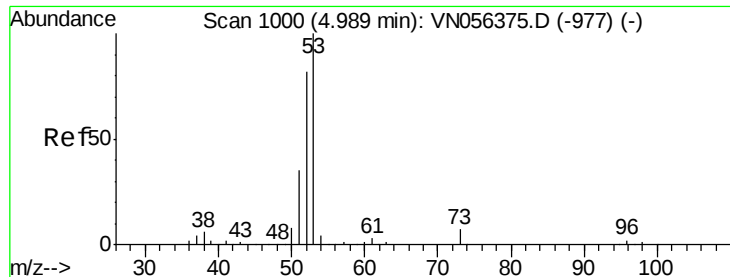
Tot Ion: 56 Resp: 81643
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7



#14
Allyl chloride
Concen: 51.421 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 41 Resp: 216454
Ion Ratio Lower Upper
41 100
39 58.9 48.6 73.0
76 33.0 26.6 40.0





#15

Acrylonitrile

Concen: 274.350 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

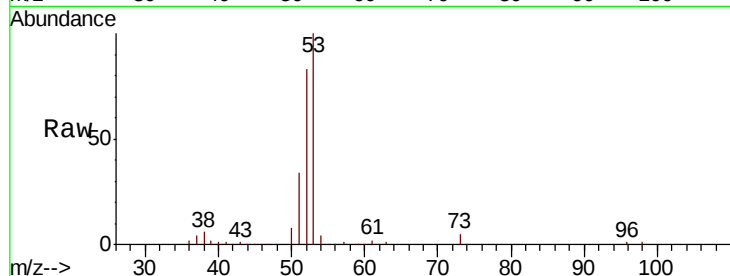
Tot Ion: 53 Resp: 405563

Ion Ratio Lower Upper

53 100

52 83.6 65.9 98.9

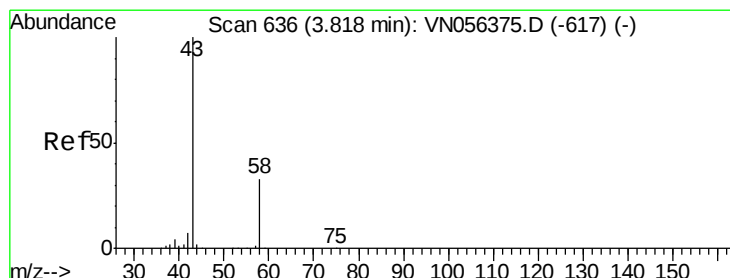
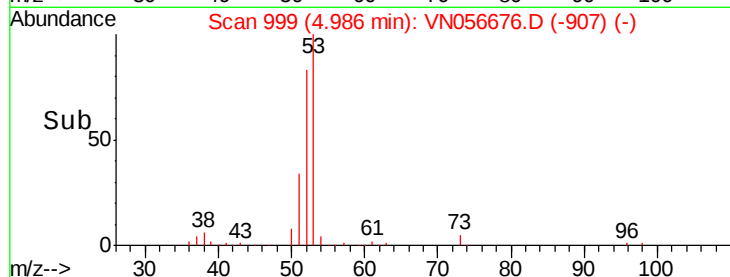
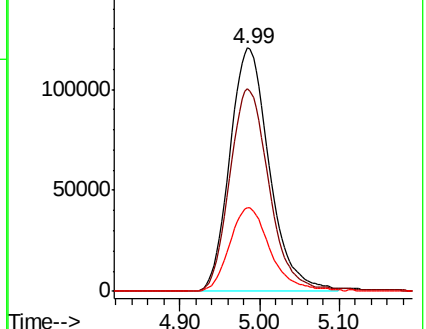
51 35.4 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 203.459 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056676.D

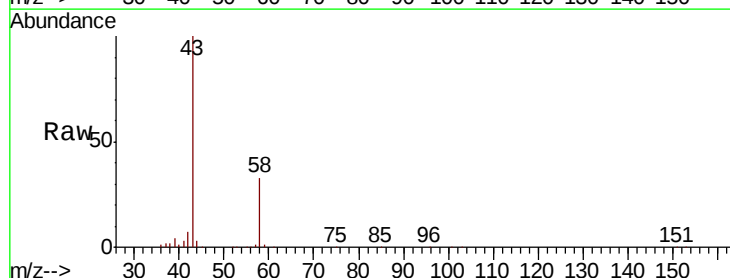
Acq: 11 Jul 2019 19:38

Tgt Ion: 43 Resp: 323402

Ion Ratio Lower Upper

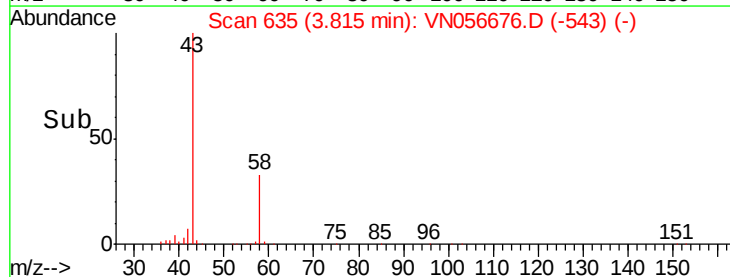
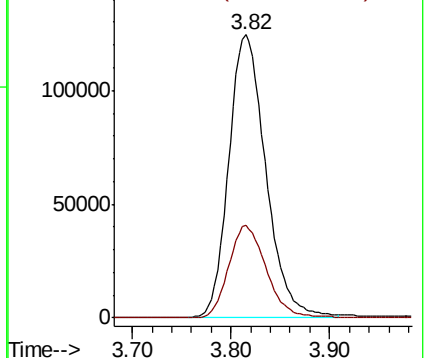
43 100

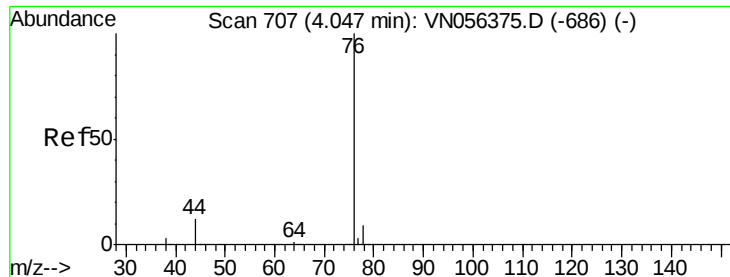
58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 38.136 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

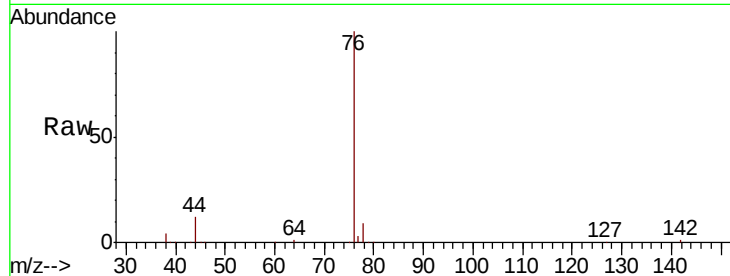
VSTDCCC050EC

Tot Ion: 76 Resp: 219342

Ion Ratio Lower Upper

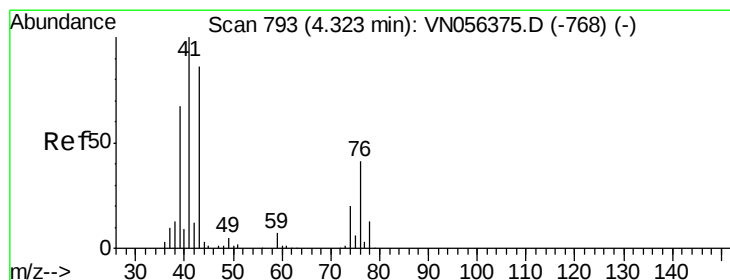
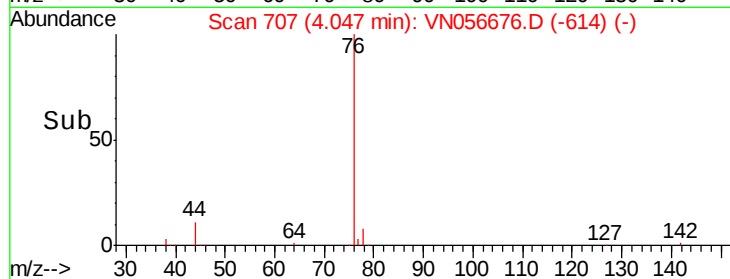
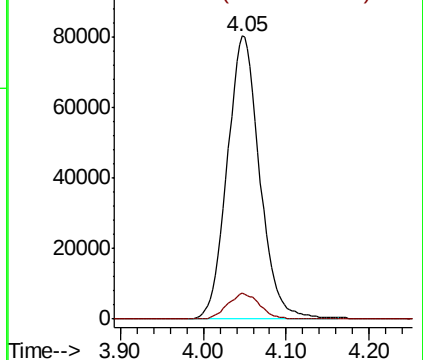
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 57.018 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056676.D

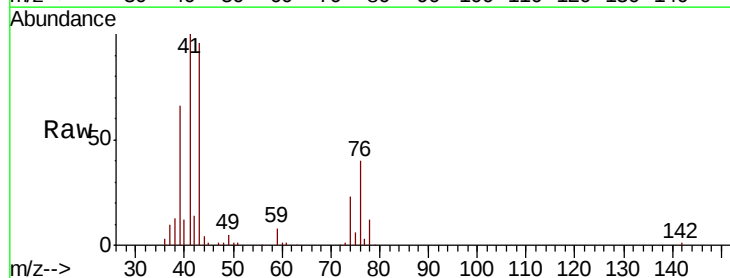
Acq: 11 Jul 2019 19:38

Tgt Ion: 43 Resp: 177129

Ion Ratio Lower Upper

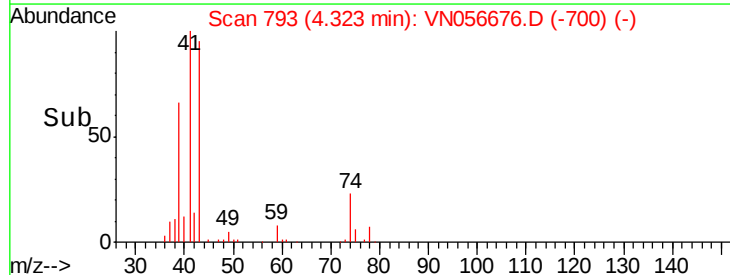
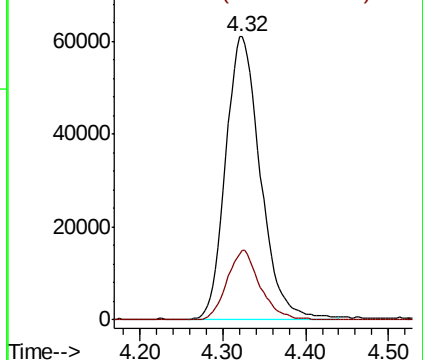
43 100

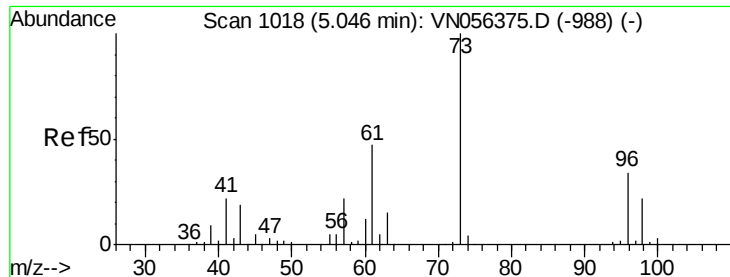
74 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

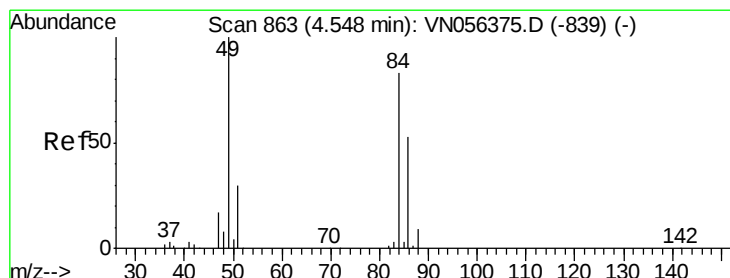
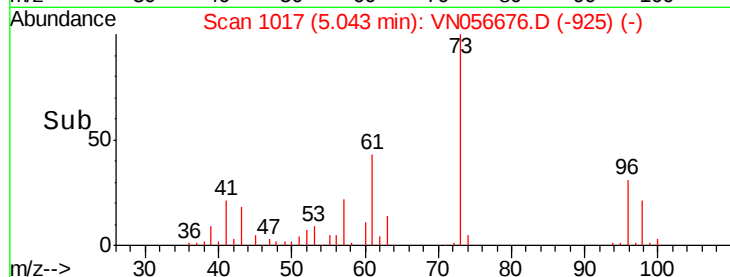
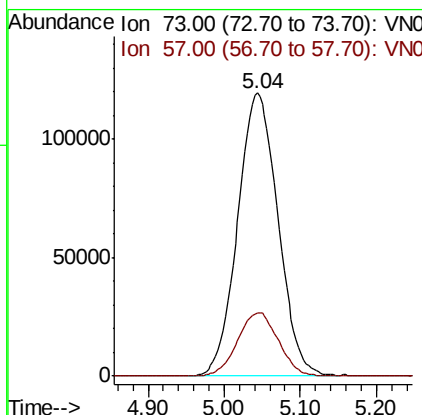
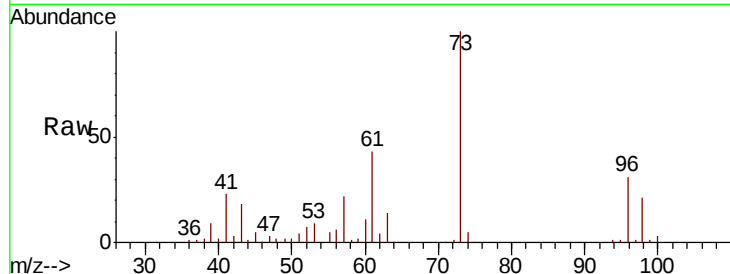




#19
Methvl tert-butvl Ether
Concen: 52.622 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

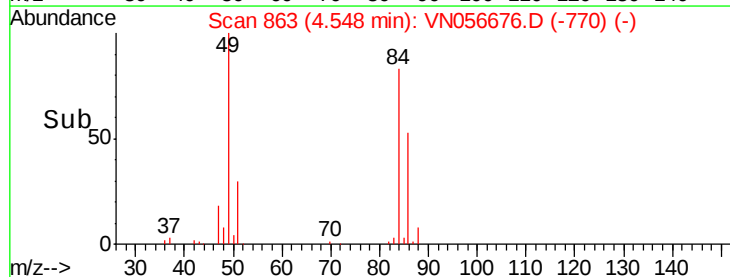
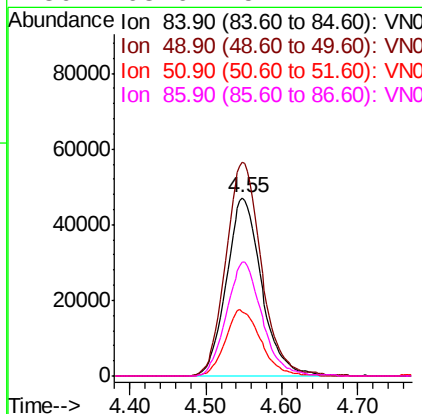
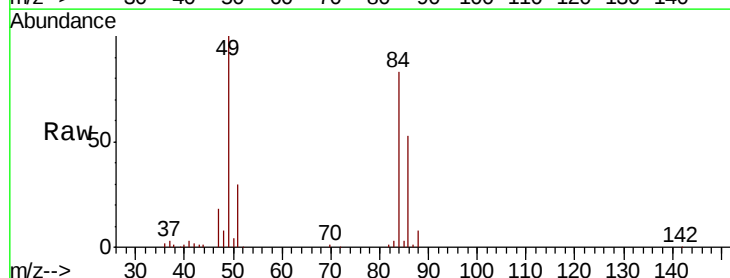
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

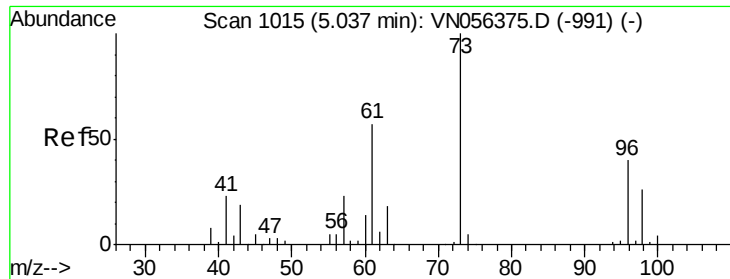
Tot Ion: 73 Resp: 440314
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 50.599 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 84 Resp: 151585
Ion Ratio Lower Upper
84 100
49 119.8 96.4 144.6
51 36.3 28.6 43.0
86 63.6 51.4 77.2

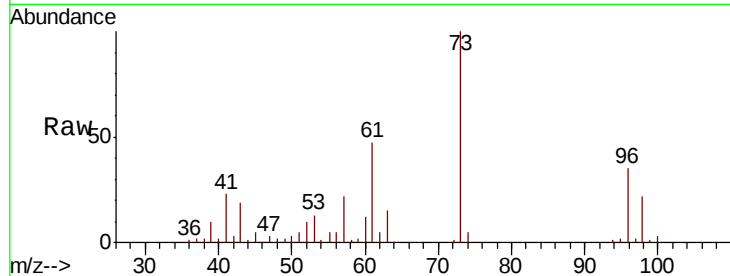




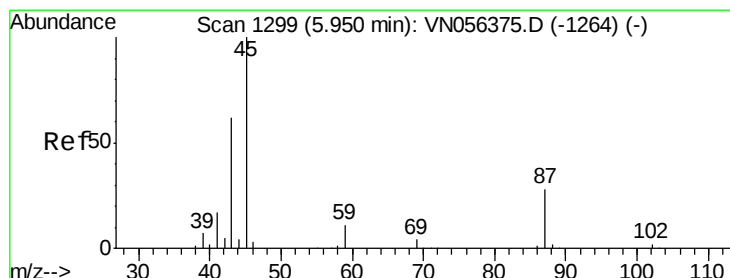
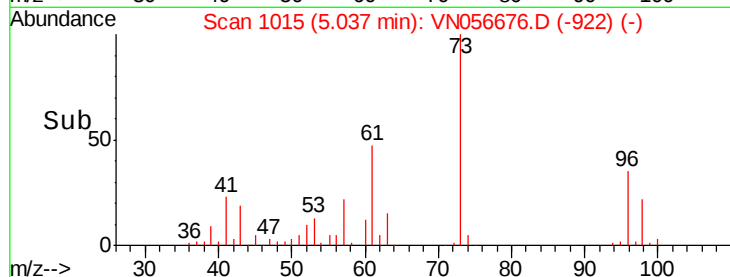
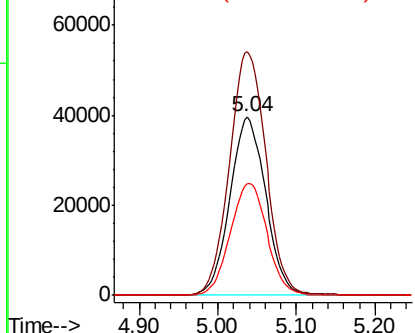
#21
trans-1,2-Dichloroethene
Concen: 46.239 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 126063
Ion Ratio Lower Upper
96 100
61 136.3 113.0 169.6
98 62.7 52.2 78.2

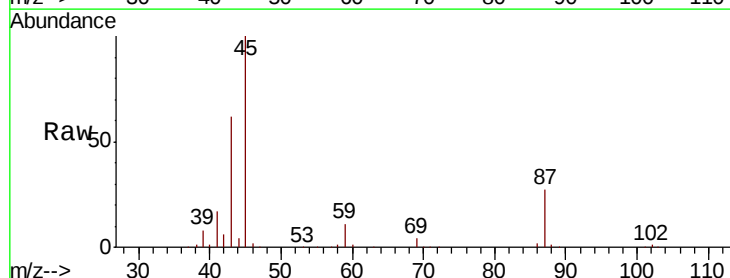


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

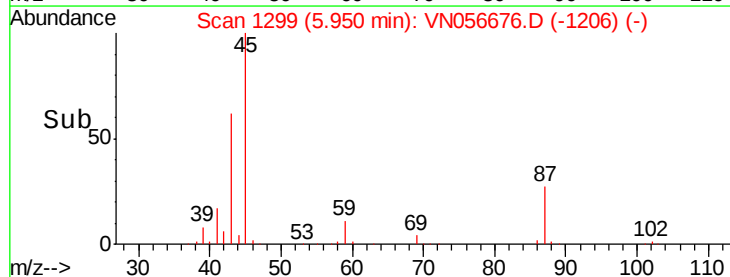
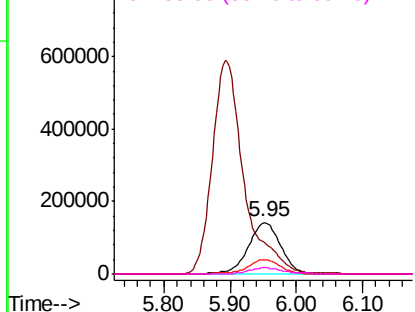


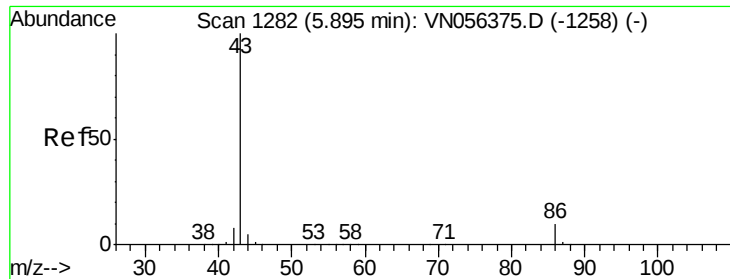
#22
Diisopropyl ether
Concen: 54.889 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 45 Resp: 485240
Ion Ratio Lower Upper
45 100
43 60.6 50.4 75.6
87 27.1 23.0 34.4
59 11.1 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 280.749 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

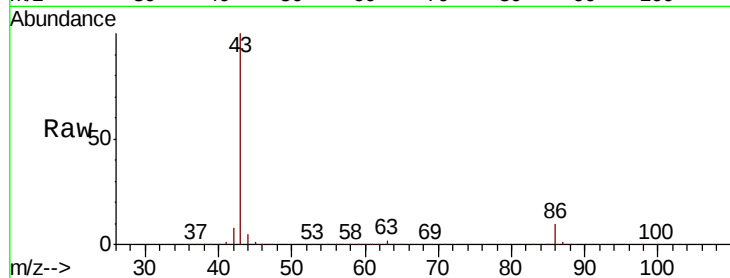
VSTDCCC050EC

Tot Ion: 43 Resp: 1957570

Ion Ratio Lower Upper

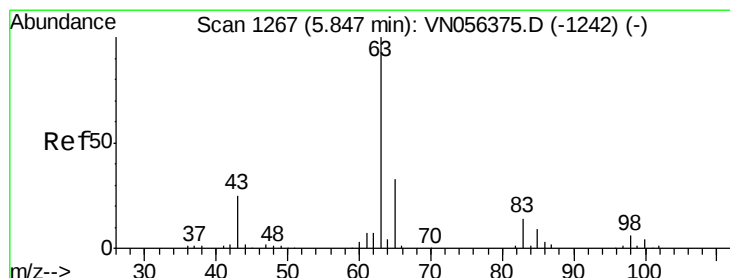
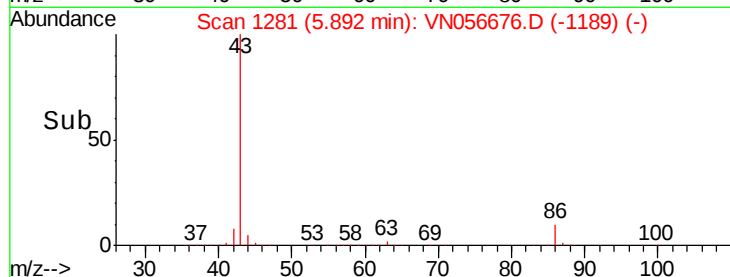
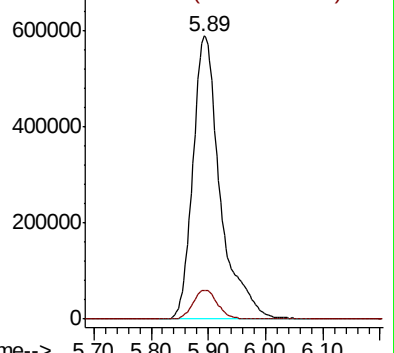
43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.991 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

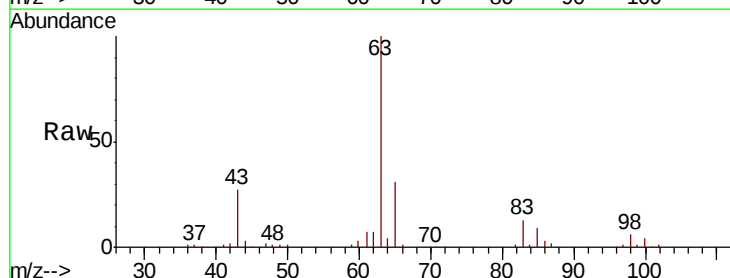
Tgt Ion: 63 Resp: 263838

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

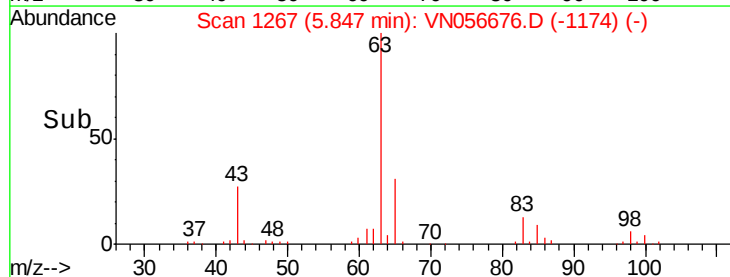
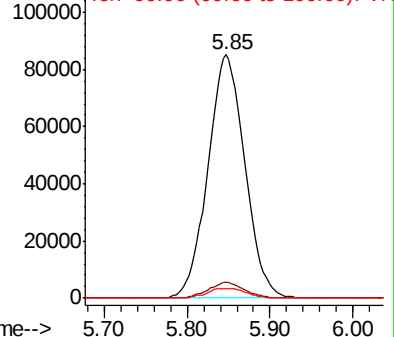
100 3.9 2.1 6.5

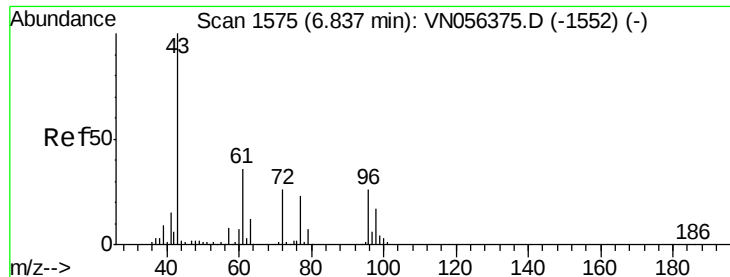


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 256.870 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

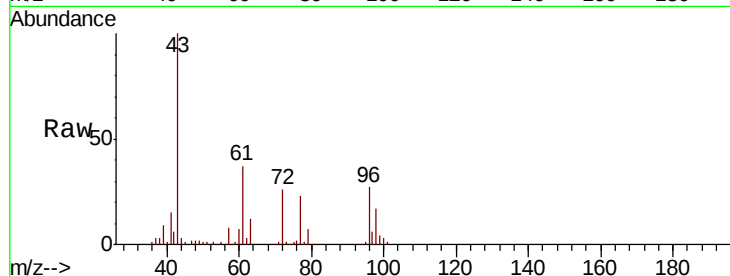
VSTDCCC050EC

Tot Ion: 43 Resp: 540386

Ion Ratio Lower Upper

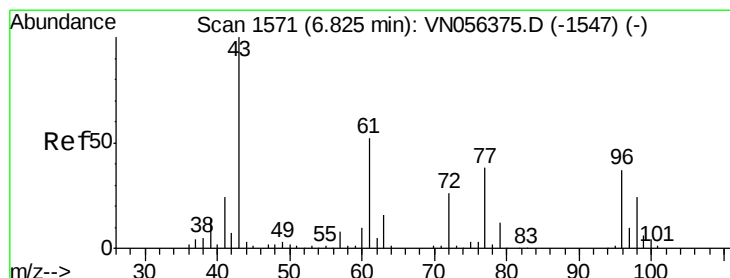
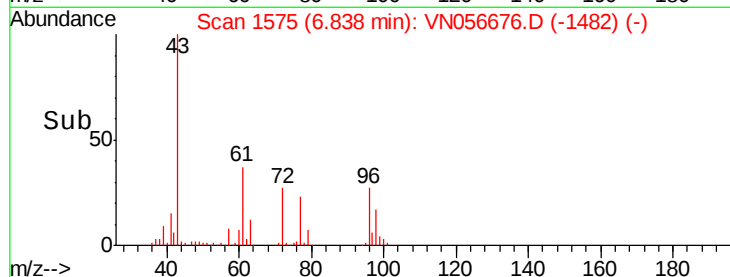
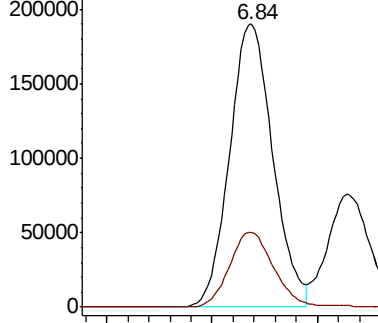
43 100

72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.015 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056676.D

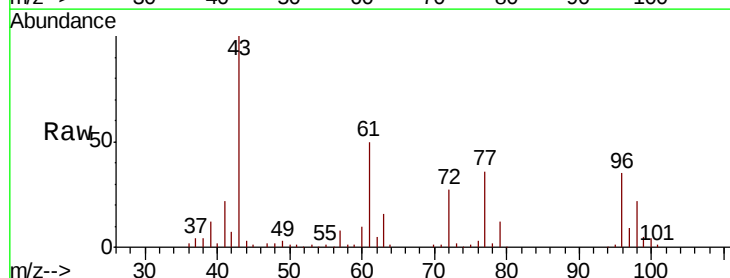
Acq: 11 Jul 2019 19:38

Tgt Ion: 77 Resp: 176527

Ion Ratio Lower Upper

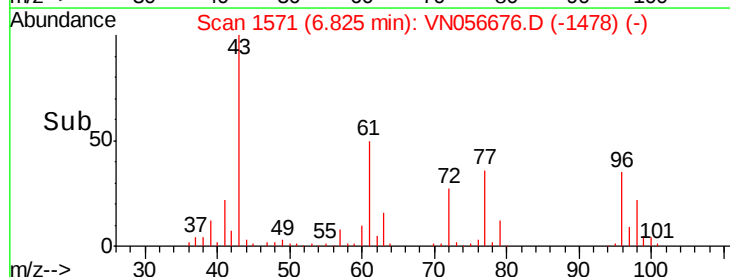
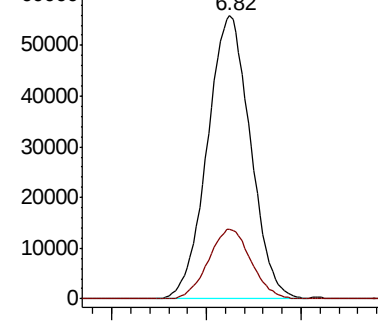
77 100

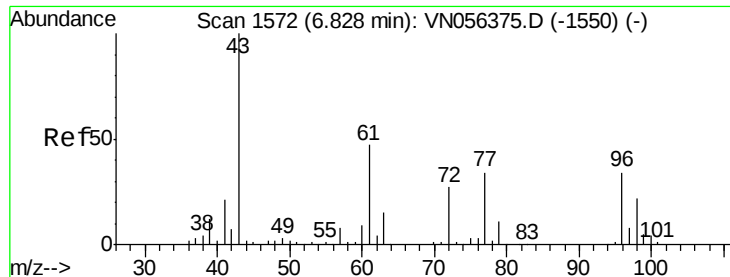
97 24.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 51.481 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

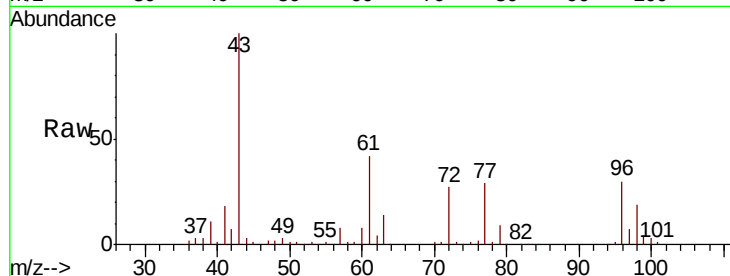
Tot Ion: 96 Resp: 164208

Ion Ratio Lower Upper

96 100

61 140.7 0.0 279.8

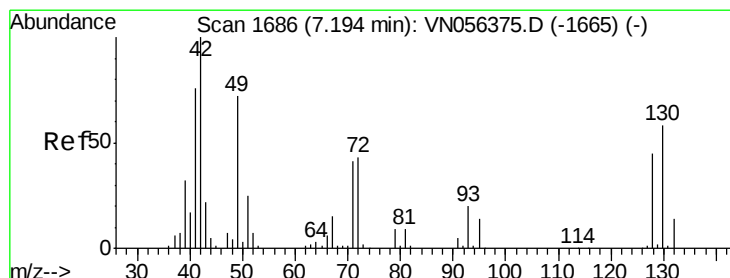
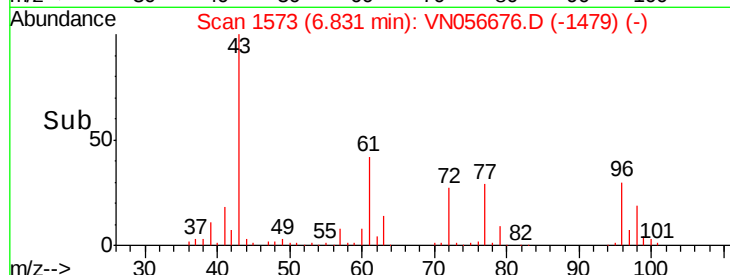
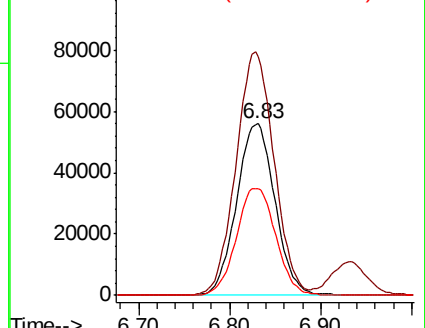
98 63.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.693 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

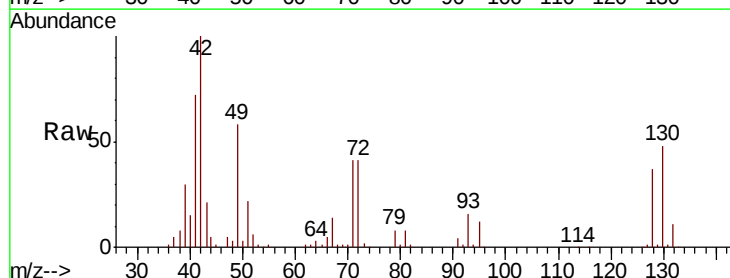
Tgt Ion: 49 Resp: 129753

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

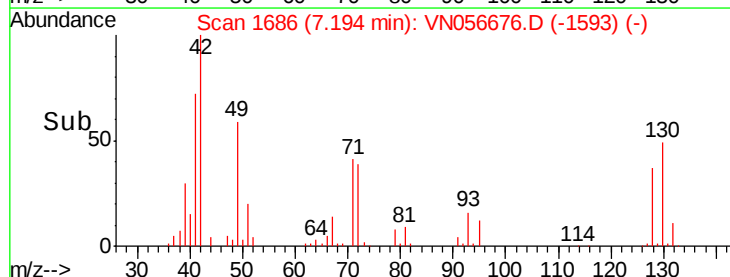
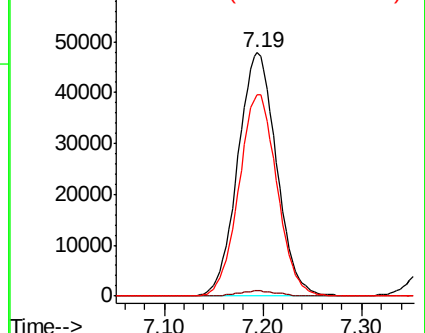
130 81.5 64.9 97.3

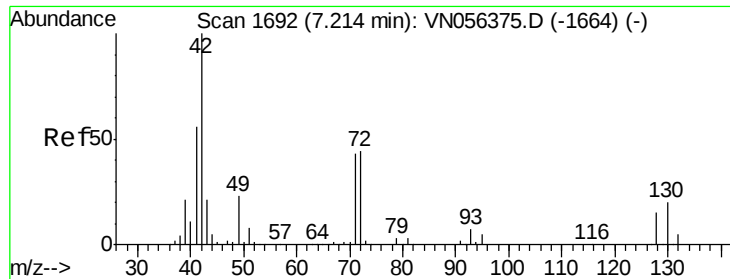


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

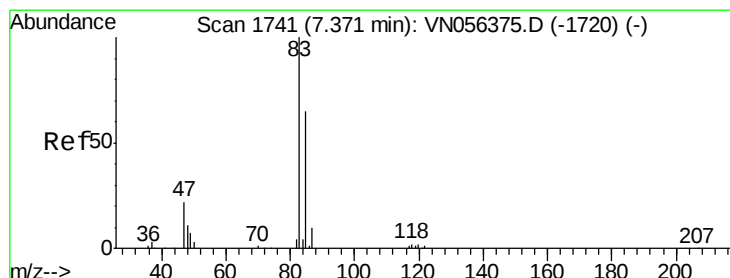
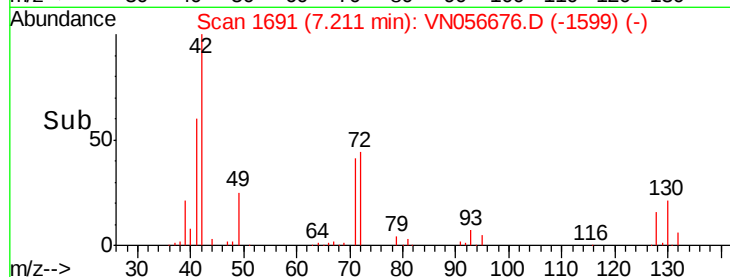
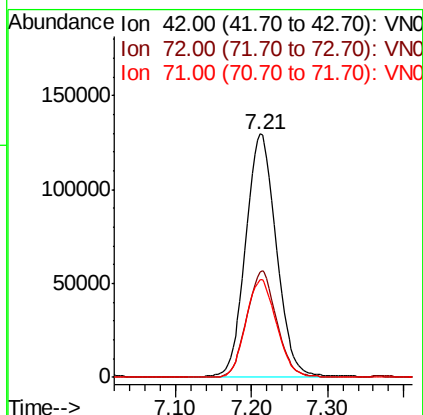
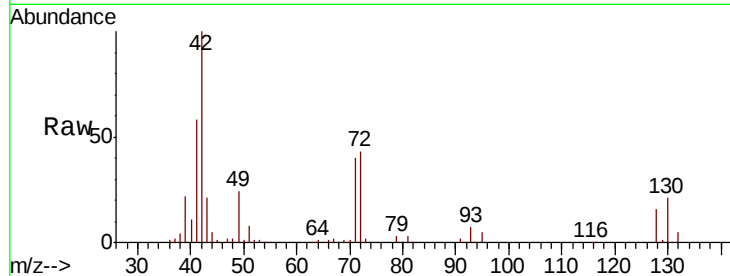




#29
Tetrahydrofuran
Concen: 285.165 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

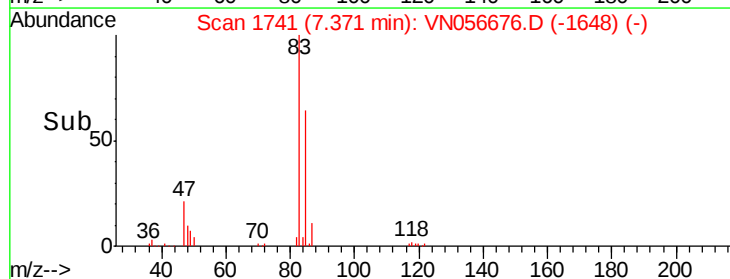
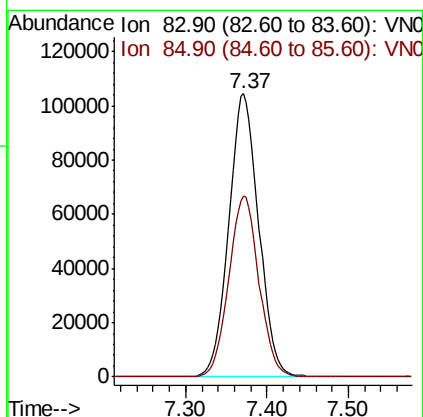
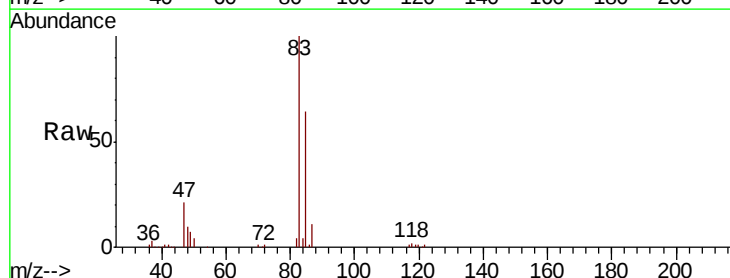
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

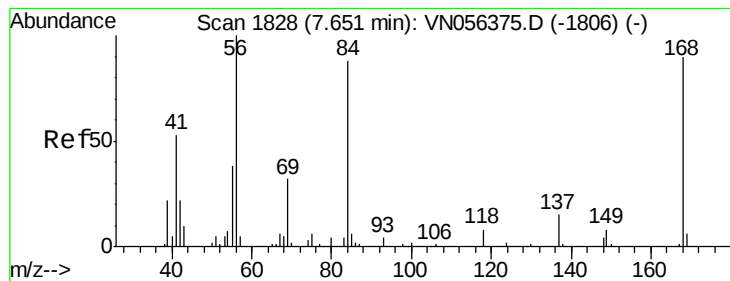
Tot Ion: 42 Resp: 366609
Ion Ratio Lower Upper
42 100
72 42.7 34.7 52.1
71 40.1 33.0 49.6



#30
Chloroform
Concen: 53.384 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 83 Resp: 267316
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5





#31

Cyclohexane

Concen: 43.308 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

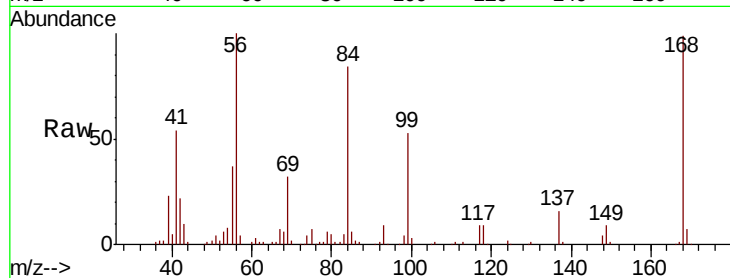
Tot Ion: 56 Resp: 212172

Ion Ratio Lower Upper

56 100

69 31.8 25.8 38.6

84 83.5 69.4 104.0

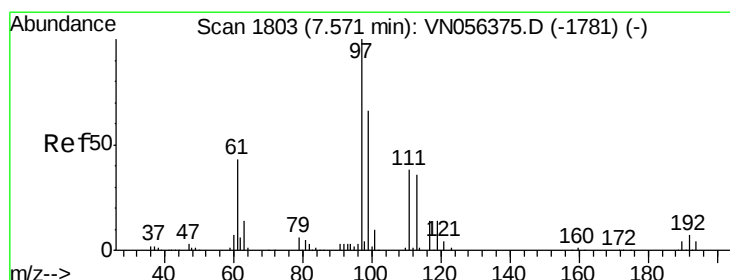
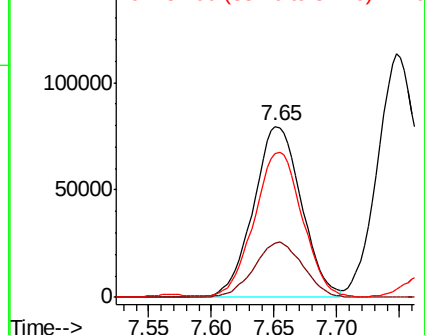
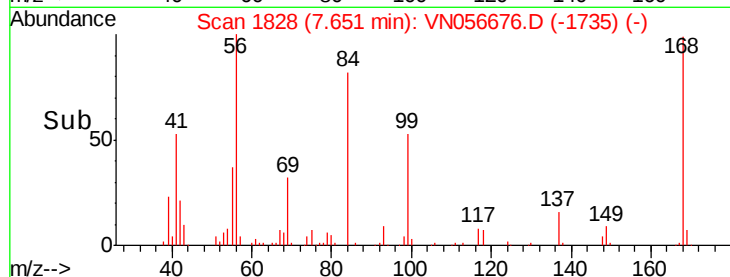


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 53.795 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

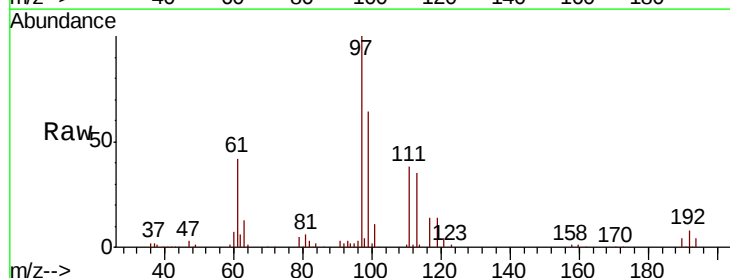
Tgt Ion: 97 Resp: 213522

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 42.3 33.9 50.9

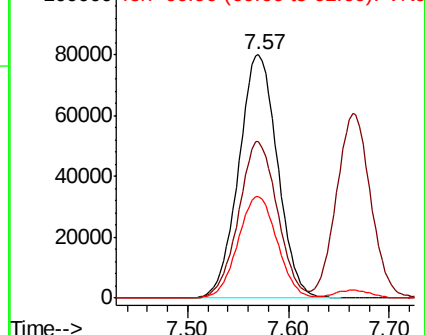
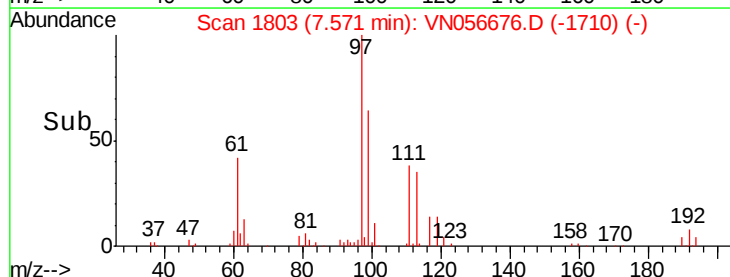


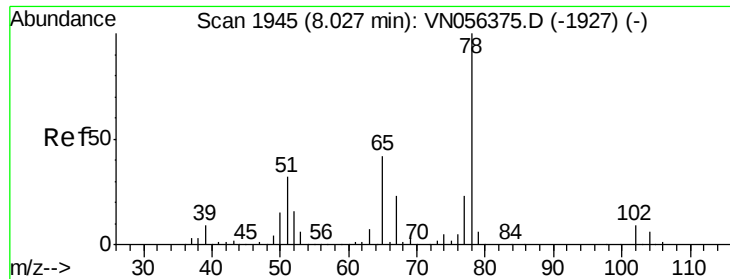
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

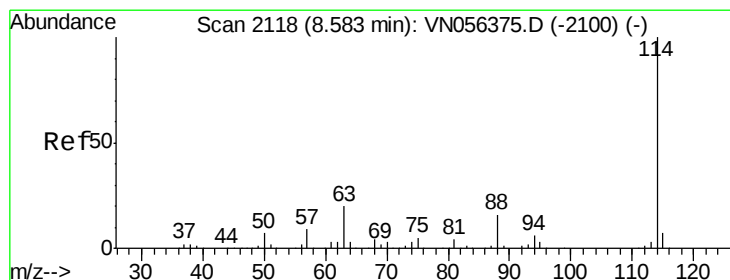
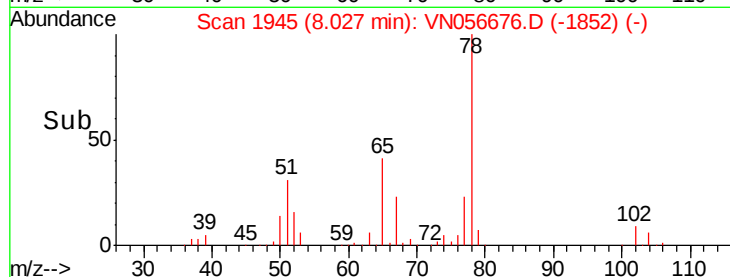
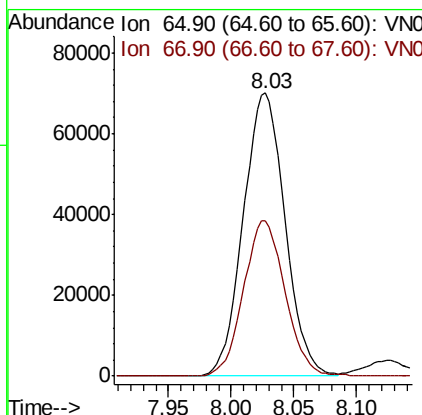
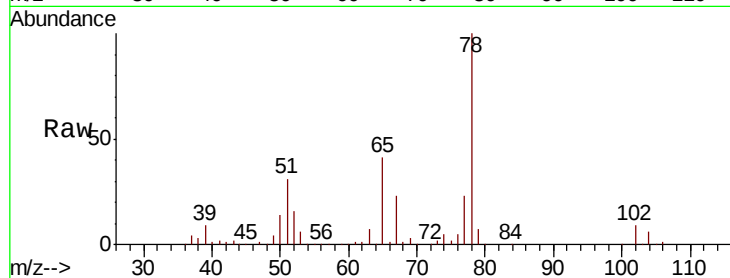




#33
 1,2-Dichloroethane-d4
 Concen: 51.241 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

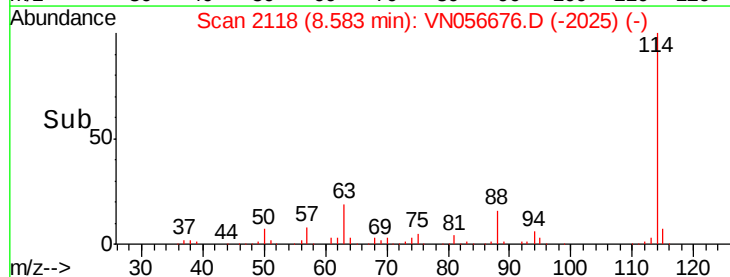
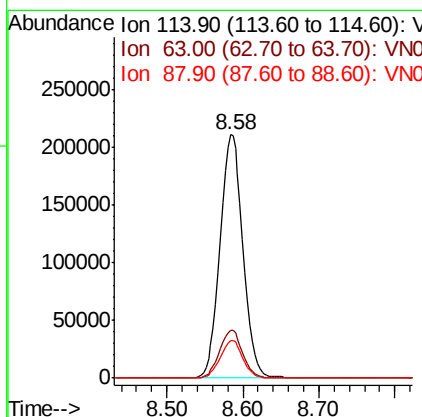
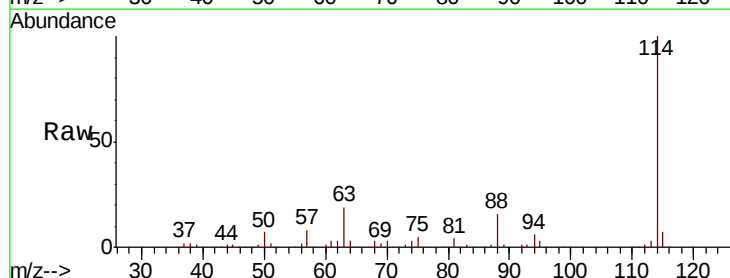
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

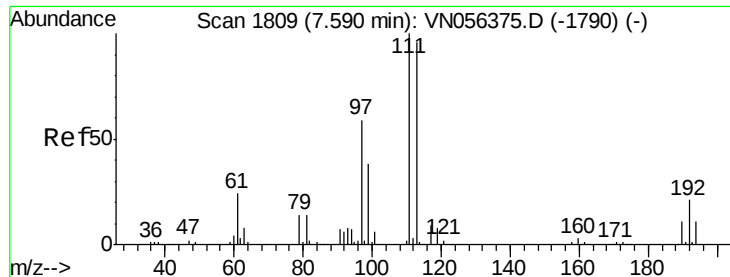
Tot Ion: 65 Resp: 162567
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion: 114 Resp: 442765
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.6 0.0 31.4

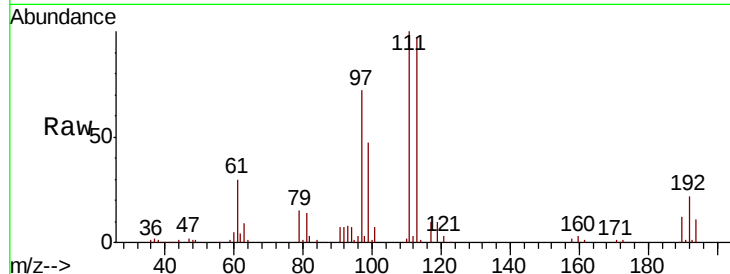




#35
 Dibromofluoromethane
 Concen: 51.807 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	22.4	17.7	26.5

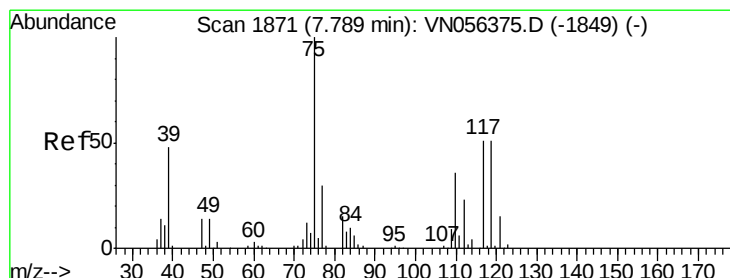
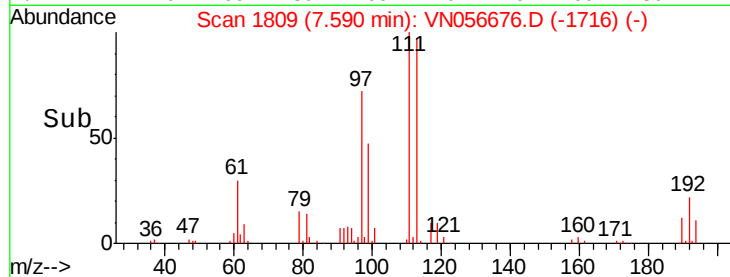
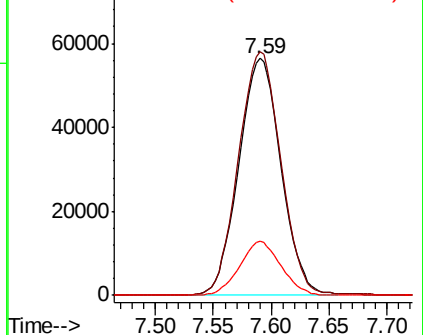


Abundance

Ion 112.80 (112.50 to 113.50): V

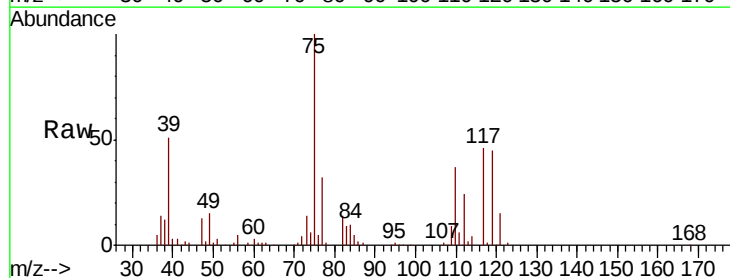
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 46.918 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.3
77	31.1	24.6	36.8

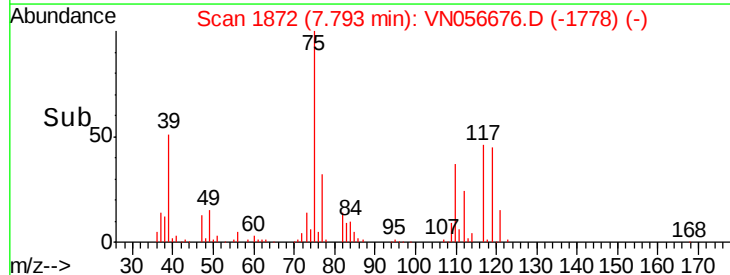
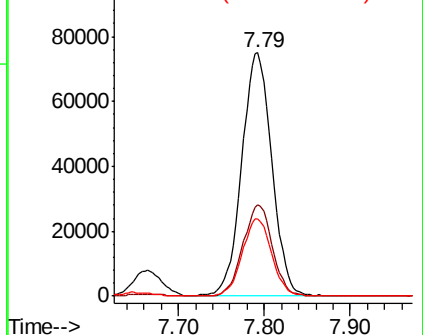


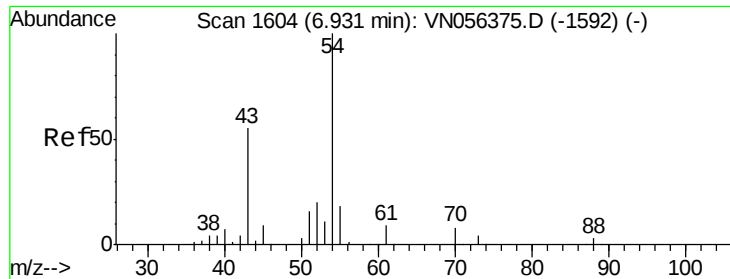
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

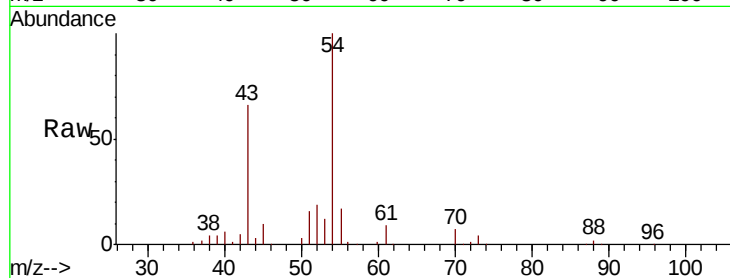




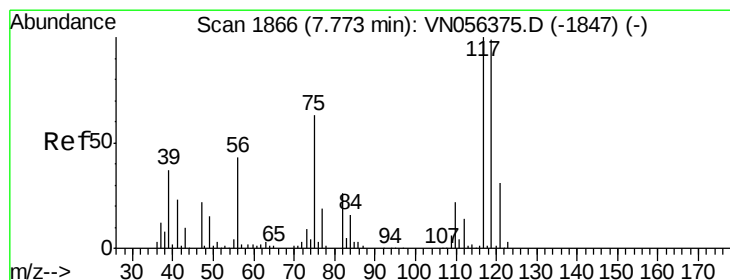
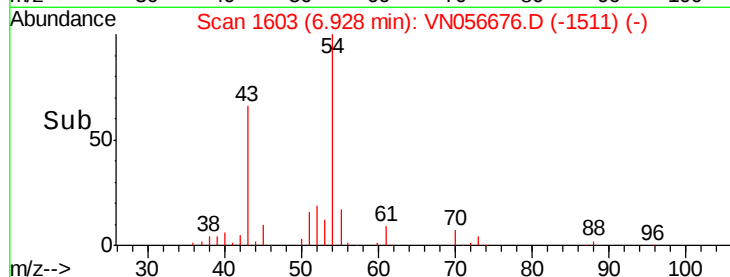
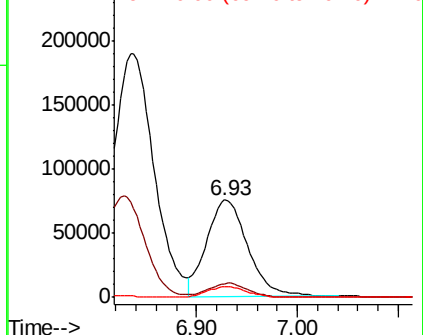
#37
Ethyl Acetate
Concen: 55.751 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 213517
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.6 8.3 12.5

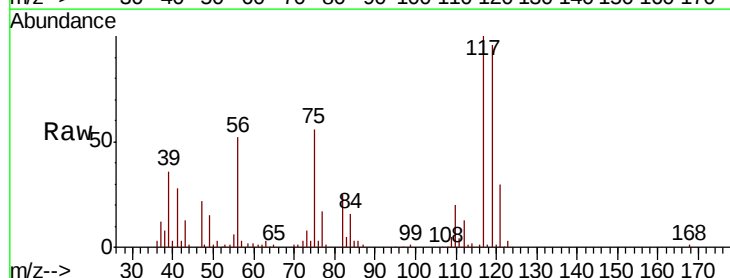


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

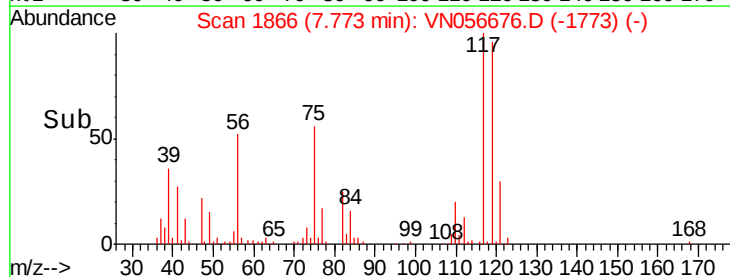
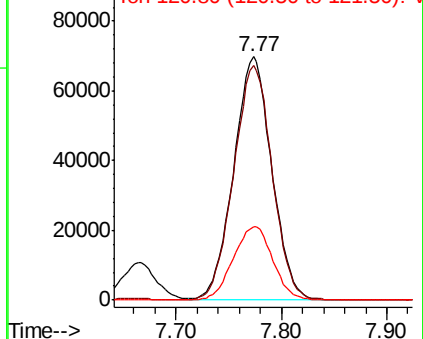


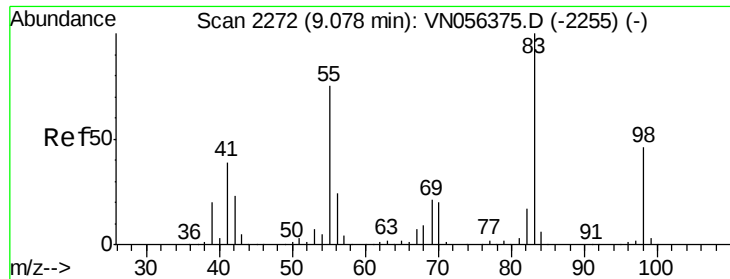
#38
Carbon Tetrachloride
Concen: 51.439 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 117 Resp: 175302
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
121 30.1 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

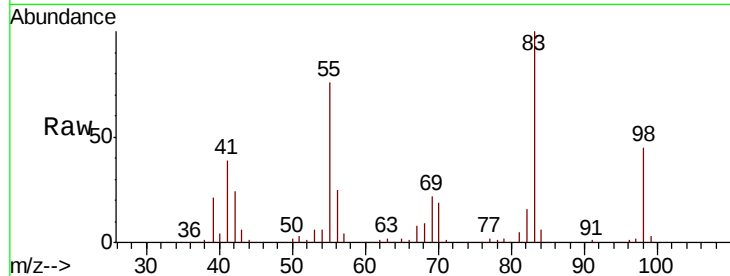




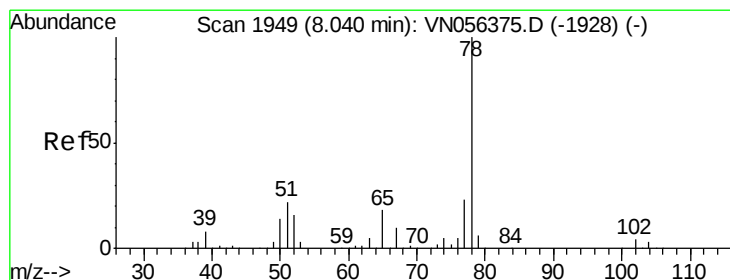
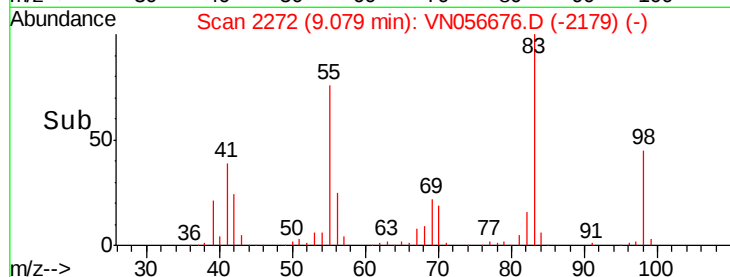
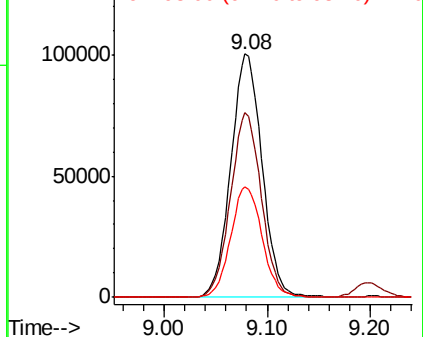
#39
Methvlcvclohexane
Concen: 44.137 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 212243
Ion Ratio Lower Upper
83 100
55 76.1 60.0 90.0
98 45.3 36.6 54.8

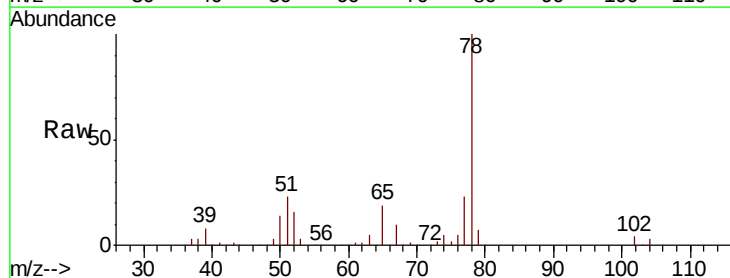


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

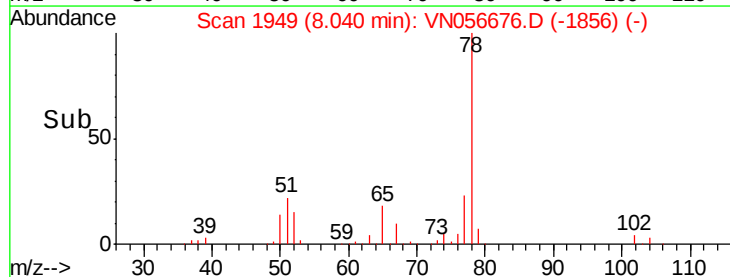
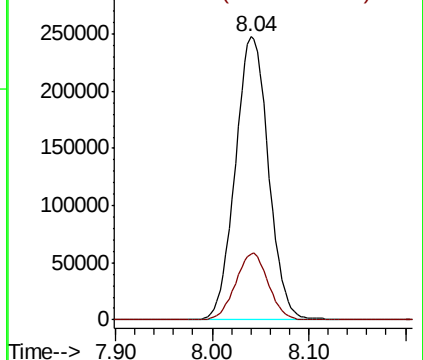


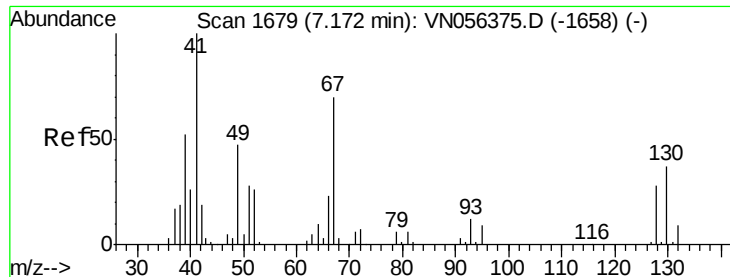
#40
Benzene
Concen: 49.307 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 78 Resp: 591065
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

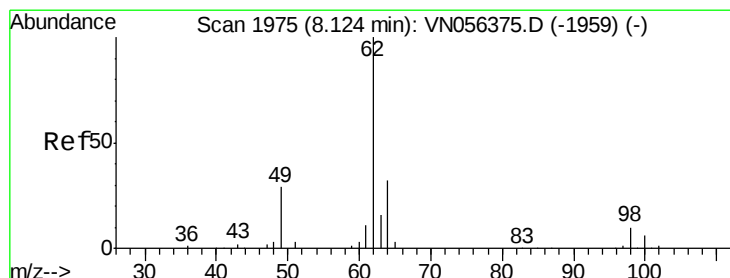
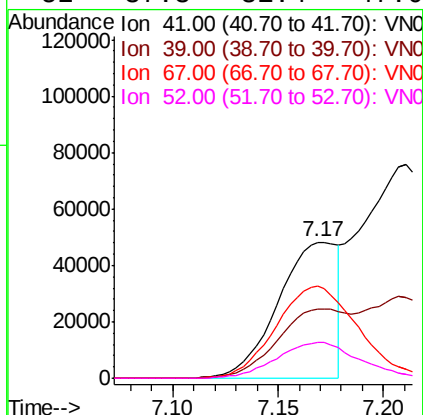
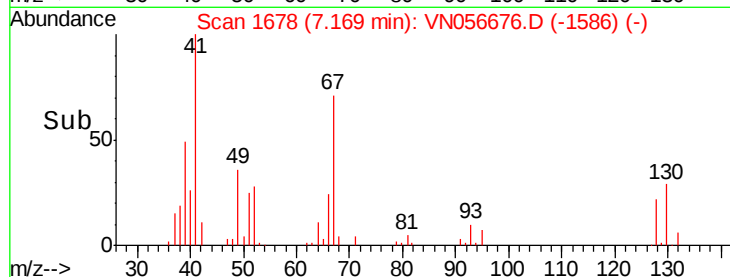
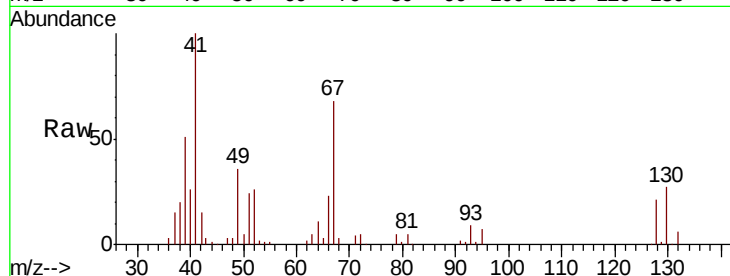




#41
Methacrylonitrile
Concen: 55.973 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

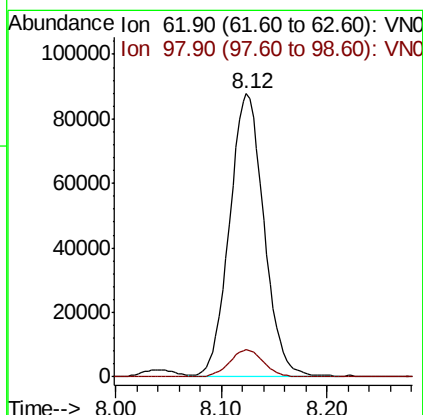
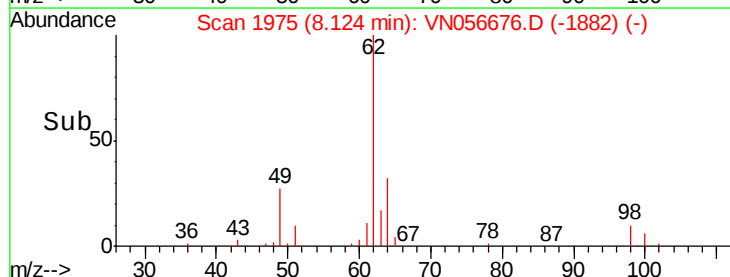
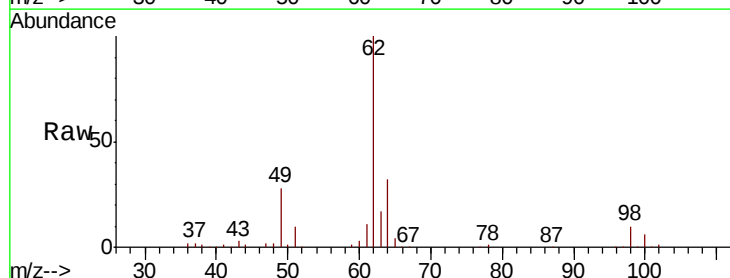
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

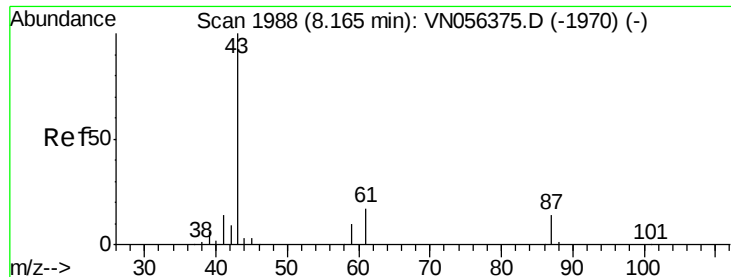
Tot Ion: 41 Resp: 94660
Ion Ratio Lower Upper
41 100
39 60.7 55.3 82.9
67 94.1 79.2 118.8
52 37.3 31.4 47.0



#42
1,2-Dichloroethane
Concen: 50.047 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 62 Resp: 197994
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 56.928 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

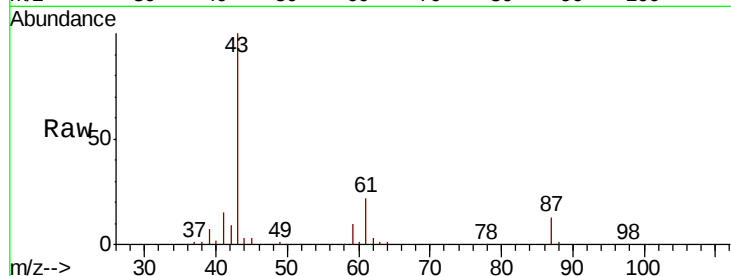
Tot Ion: 43 Resp: 336192

Ion Ratio Lower Upper

43 100

61 27.0 22.0 33.0

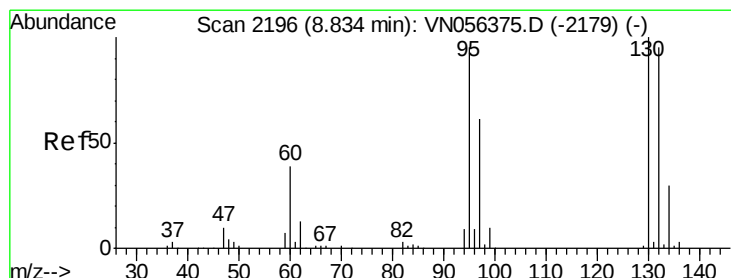
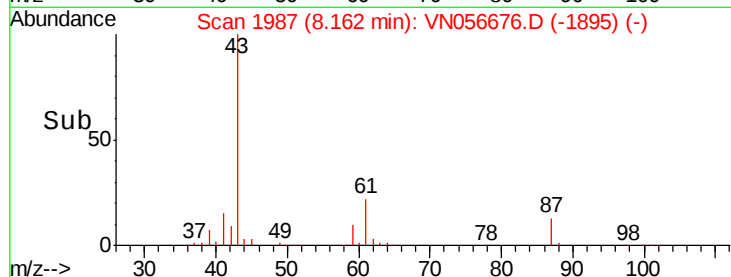
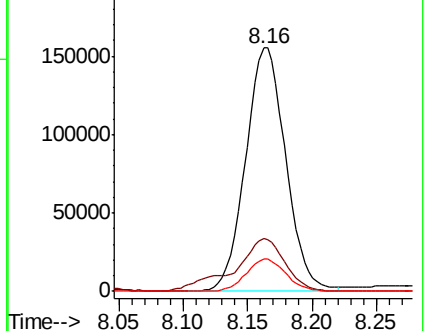
87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056676.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056676.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056676.D (-1970) (-)



#44

Trichloroethene

Concen: 49.262 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056676.D

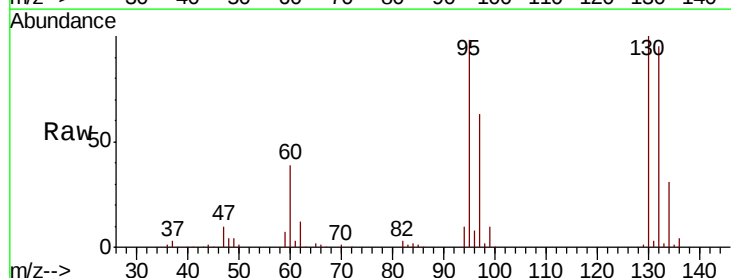
Acq: 11 Jul 2019 19:38

Tgt Ion:130 Resp: 159075

Ion Ratio Lower Upper

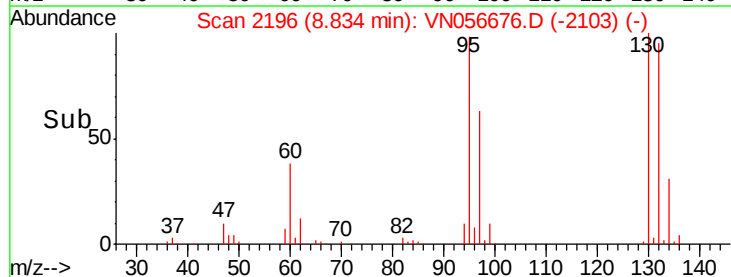
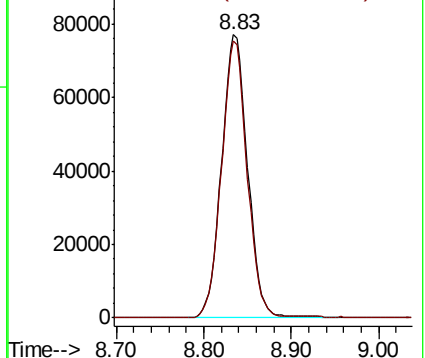
130 100

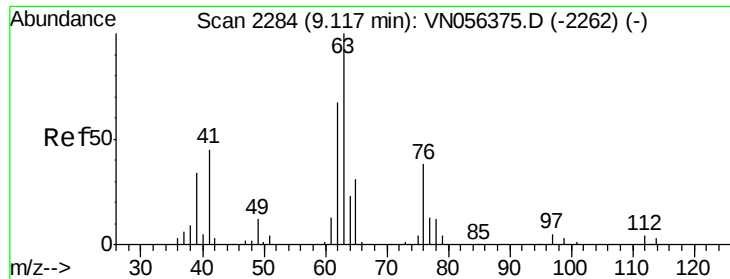
95 97.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056676.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056676.D (-2103) (-)

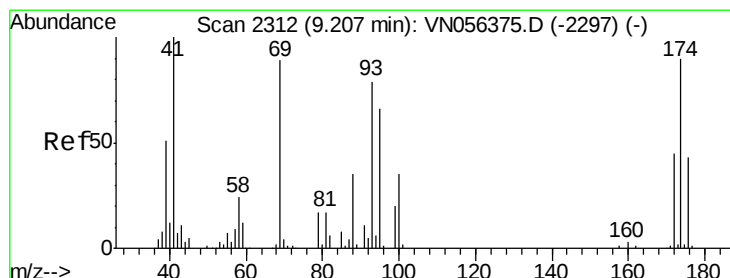
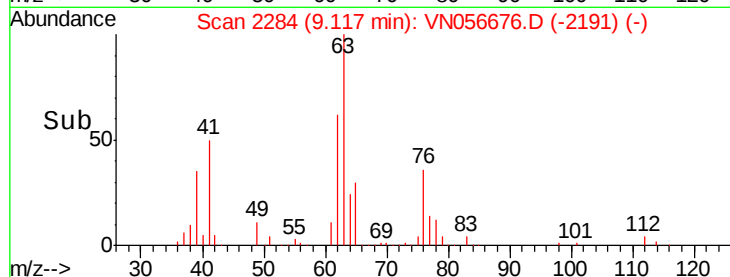
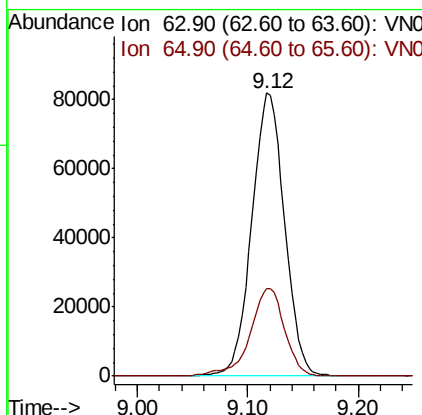
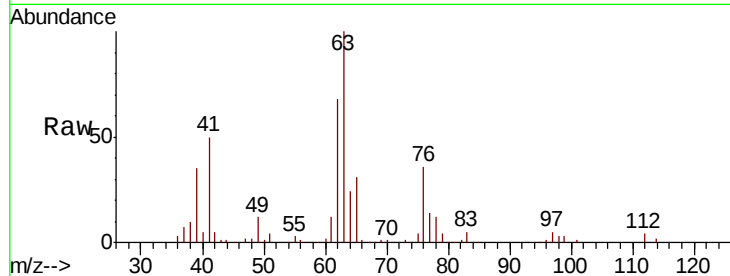




#45
 1,2-Dichloropropane
 Concen: 52.603 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

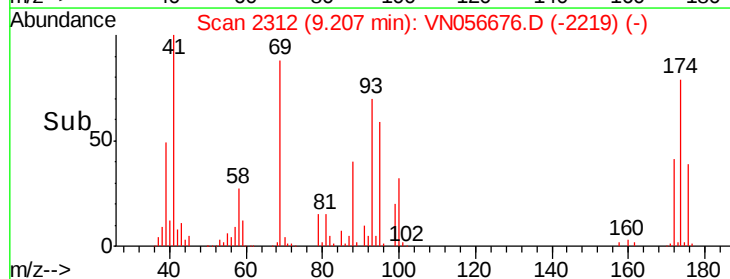
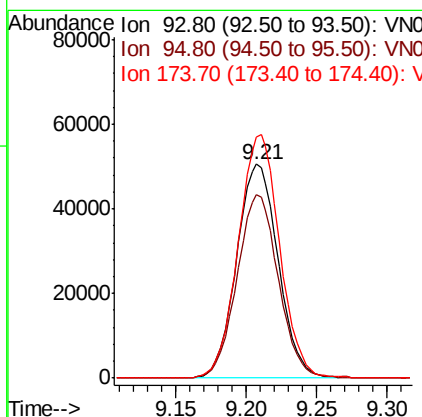
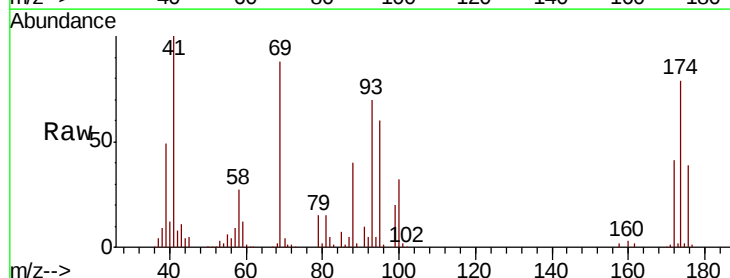
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

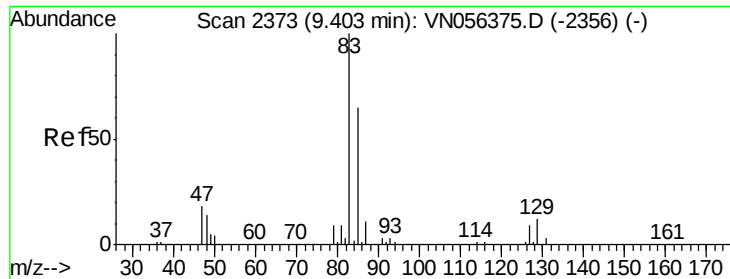
Tot Ion: 63 Resp: 168639
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 52.030 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion: 93 Resp: 104359
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.2 99.2
 174 113.6 90.8 136.2





#47

Bromodichloromethane

Concen: 56.344 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

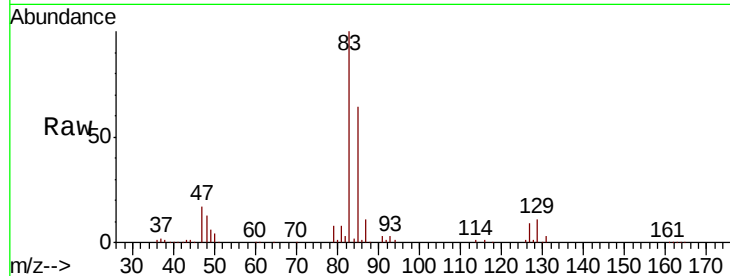
Tot Ion: 83 Resp: 200432

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4

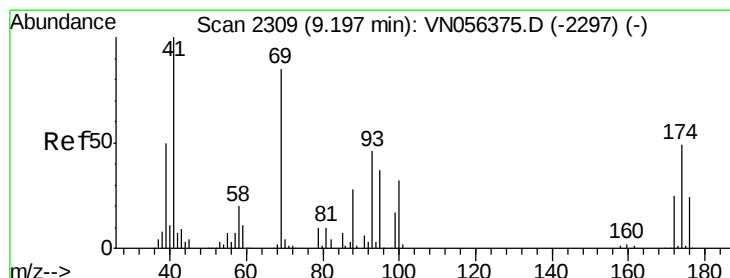
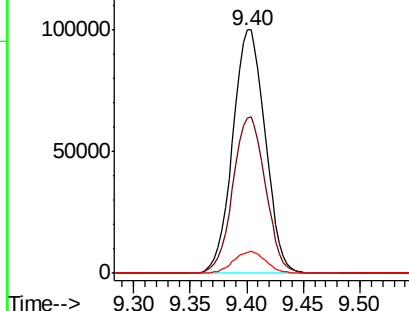
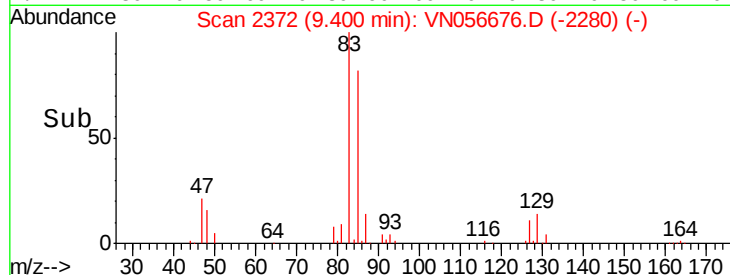
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 56.886 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

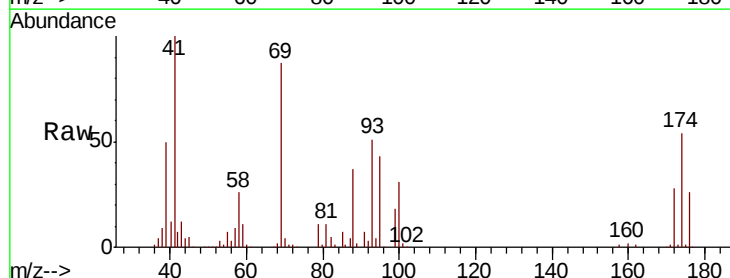
Tgt Ion: 41 Resp: 168349

Ion Ratio Lower Upper

41 100

69 87.0 72.6 109.0

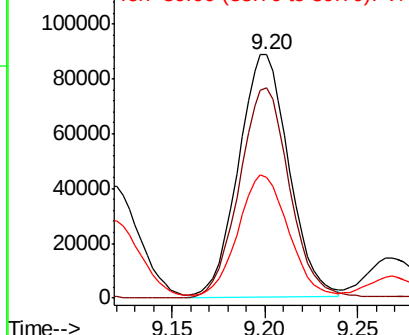
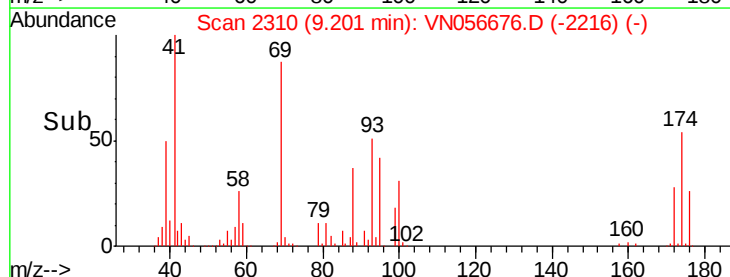
39 50.7 42.6 63.8

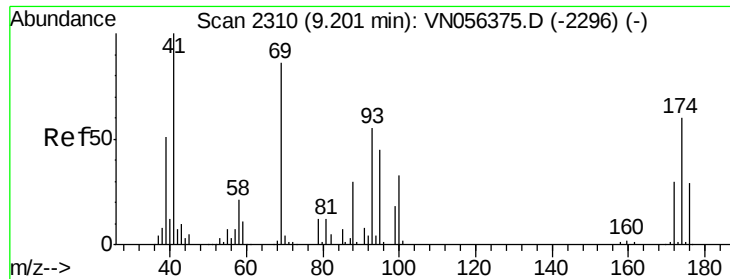


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1180.857 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

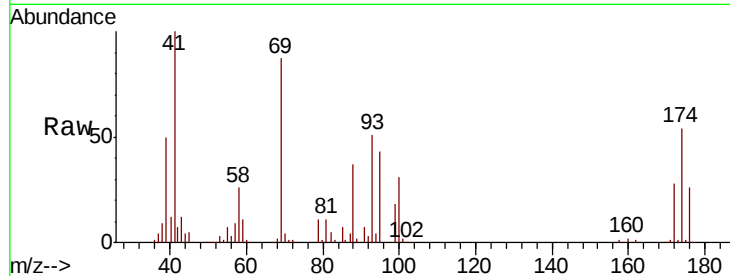
Tot Ion: 88 Resp: 72521

Ion Ratio Lower Upper

88 100

43 28.5 22.0 33.0

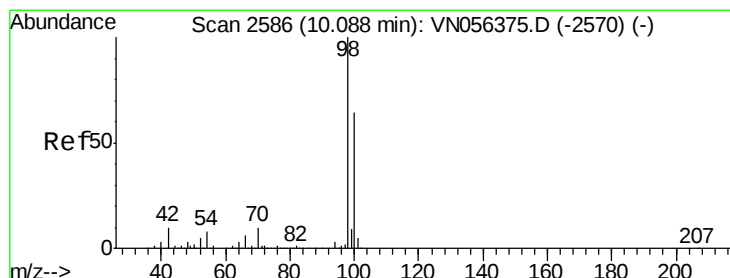
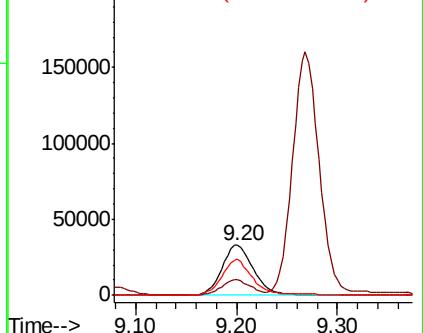
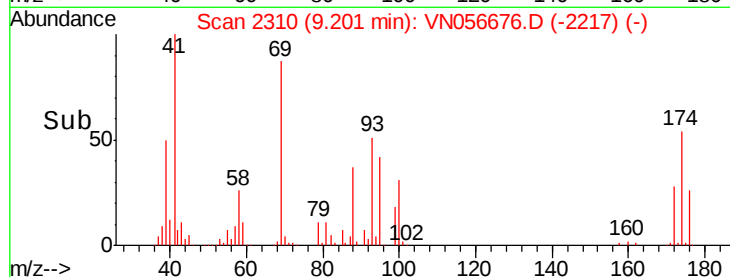
58 67.6 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.543 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056676.D

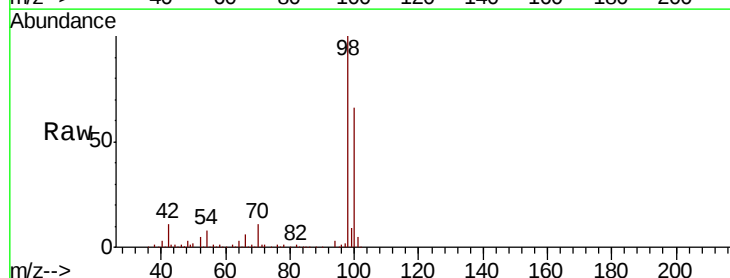
Acq: 11 Jul 2019 19:38

Tgt Ion: 98 Resp: 532467

Ion Ratio Lower Upper

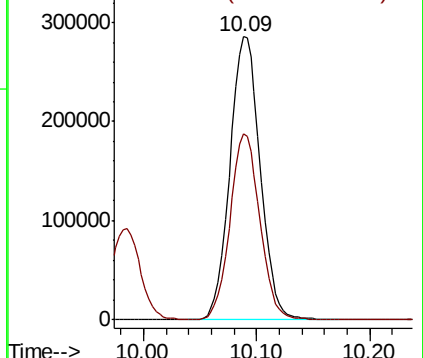
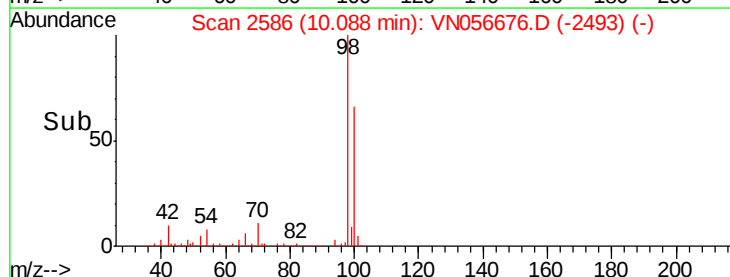
98 100

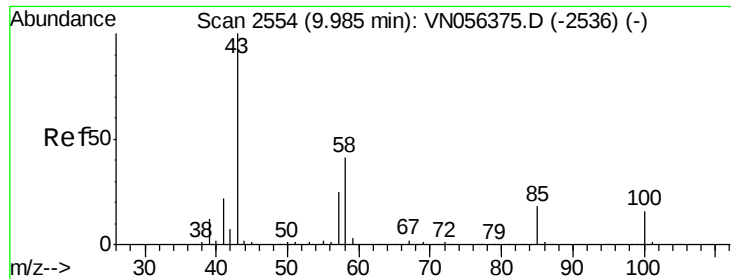
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 292.531 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

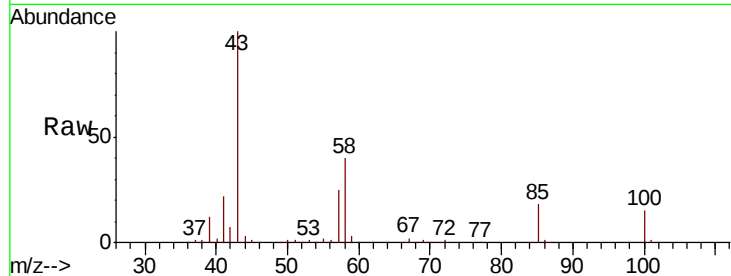
VSTDCCC050EC

Tot Ion: 43 Resp: 1115030

Ion Ratio Lower Upper

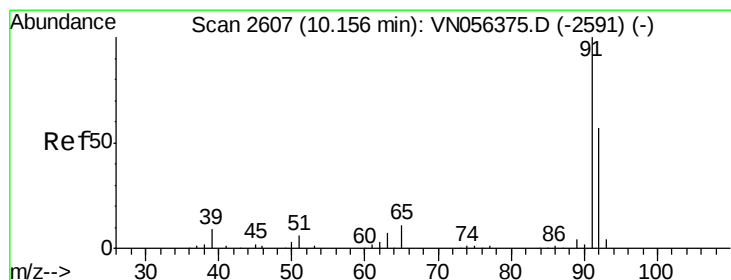
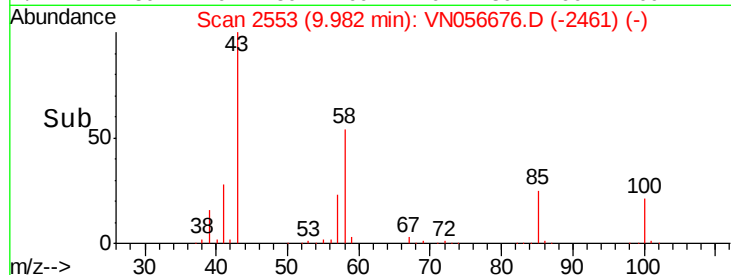
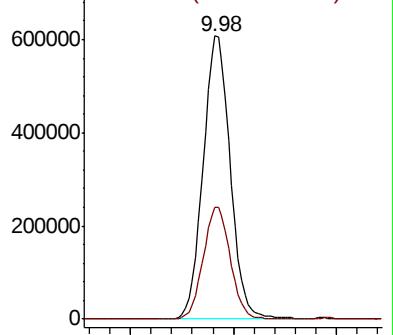
43 100

58 39.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.790 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056676.D

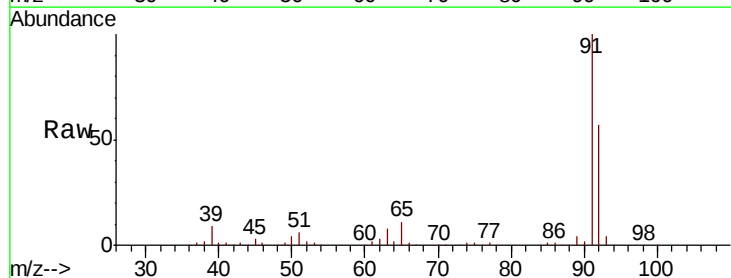
Acq: 11 Jul 2019 19:38

Tgt Ion: 92 Resp: 364907

Ion Ratio Lower Upper

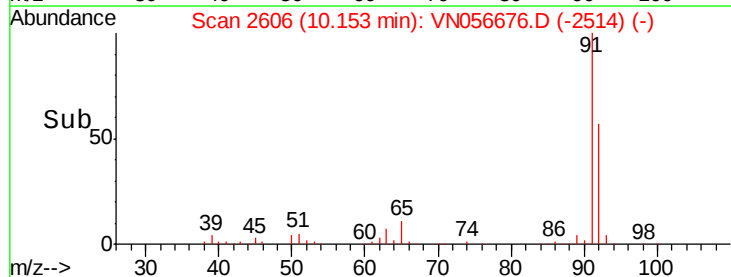
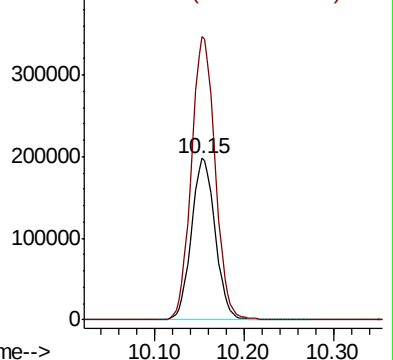
92 100

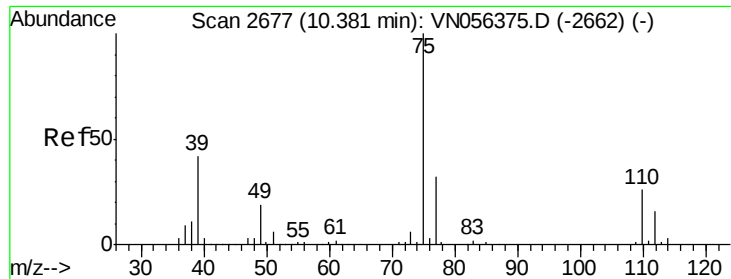
91 175.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.081 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

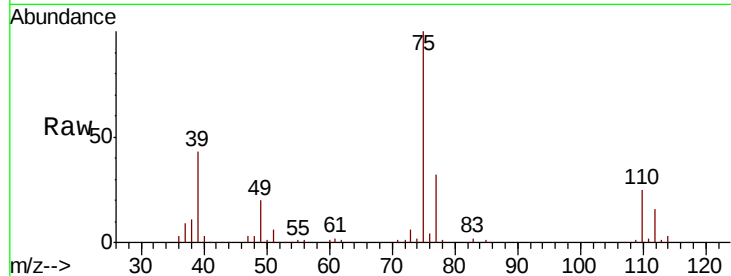
VSTDCCC050EC

Tot Ion: 75 Resp: 211916

Ion Ratio Lower Upper

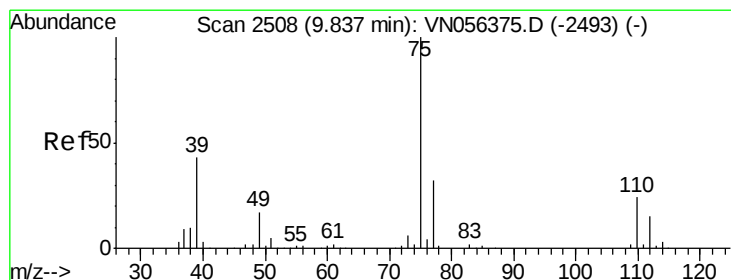
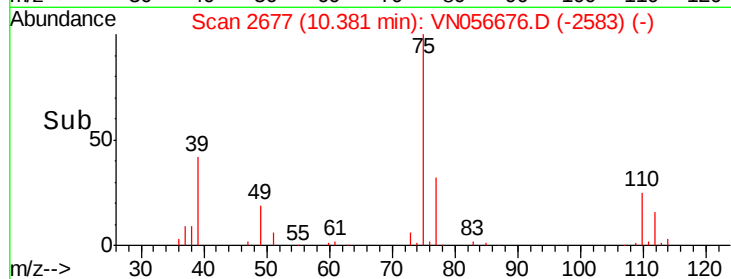
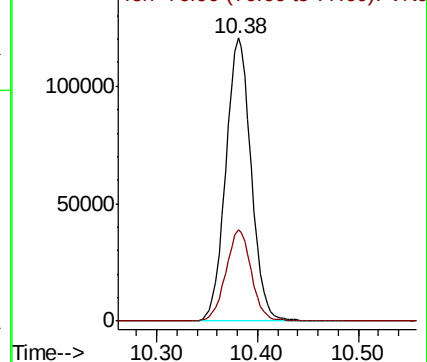
75 100

77 32.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 55.247 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

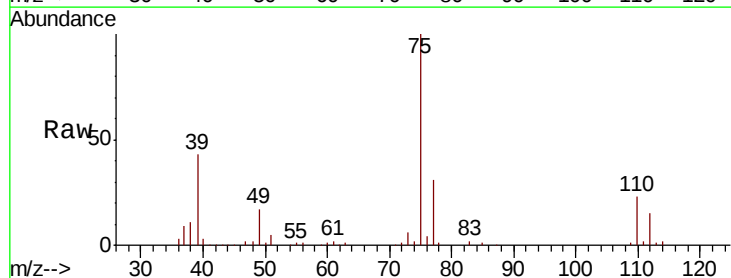
Tgt Ion: 75 Resp: 236667

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

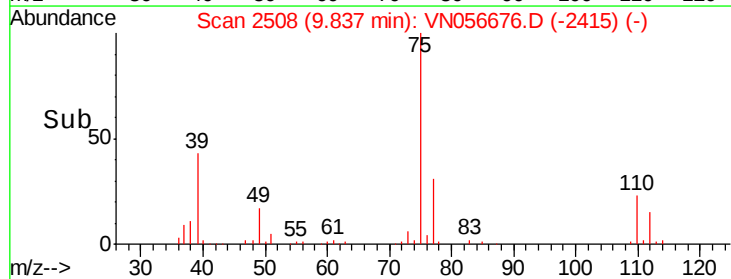
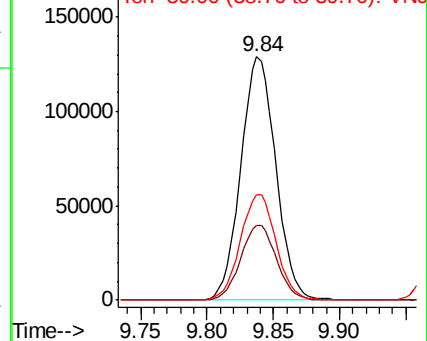
39 43.1 34.2 51.4

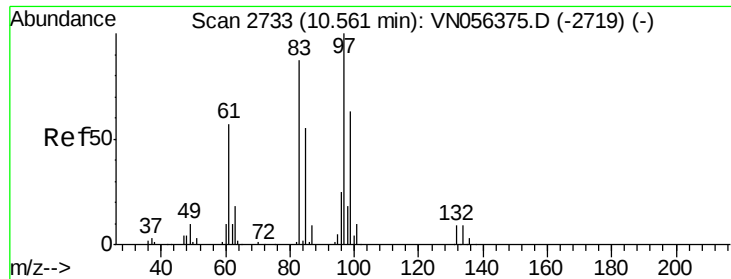


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

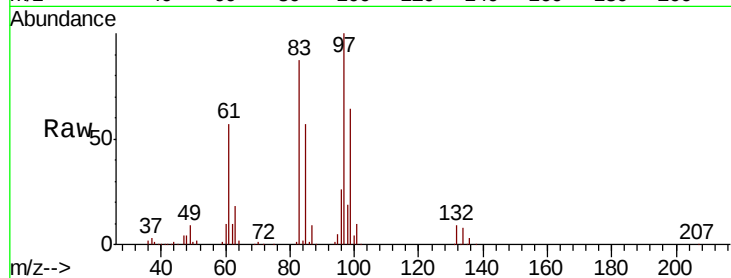




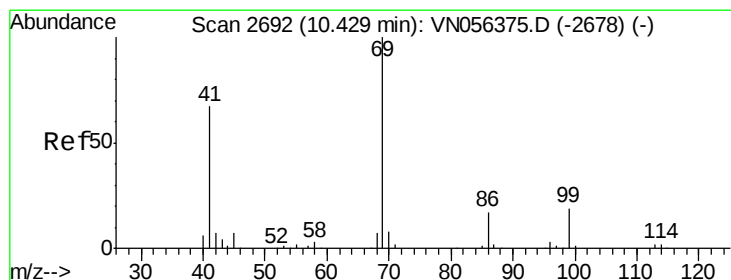
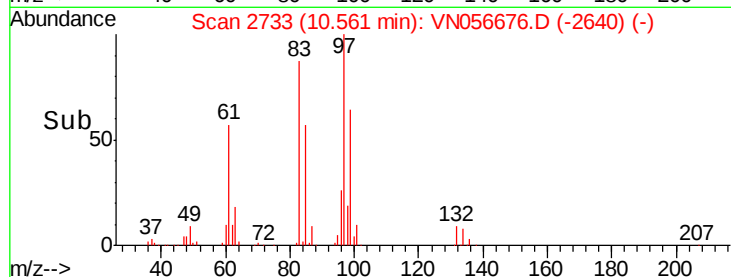
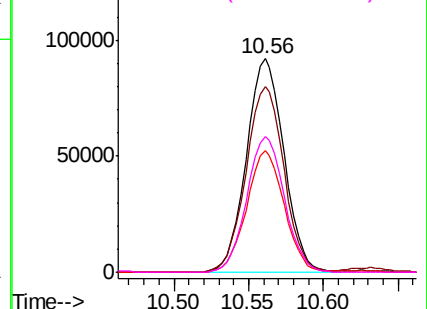
#55
 1,1,2-Trichloroethane
 Concen: 54.673 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 97 Resp: 161063
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.8 104.6
 85 56.7 43.8 65.8
 99 63.5 50.2 75.2

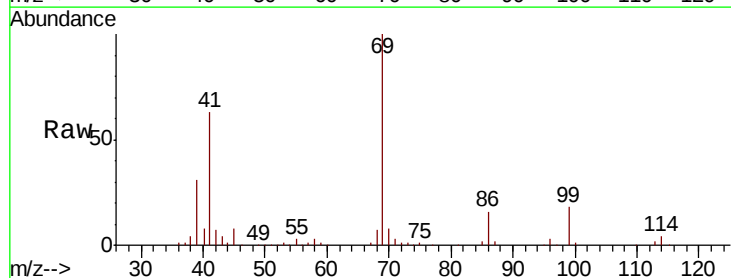


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

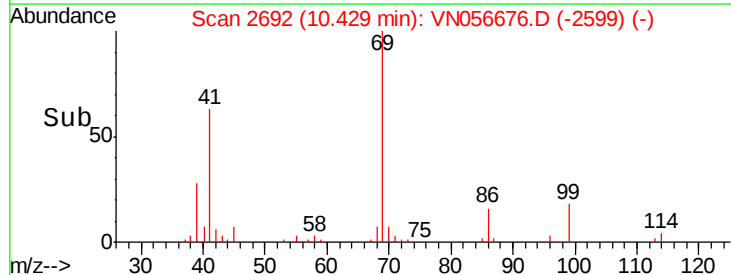
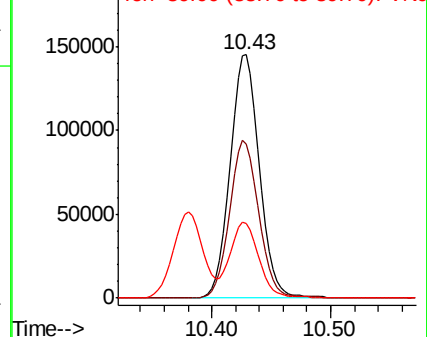


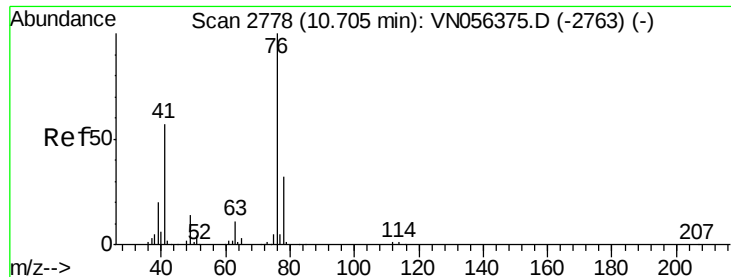
#56
 Ethyl methacrylate
 Concen: 57.489 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion: 69 Resp: 247502
 Ion Ratio Lower Upper
 69 100
 41 63.8 51.4 77.2
 39 31.3 24.7 37.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 54.143 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

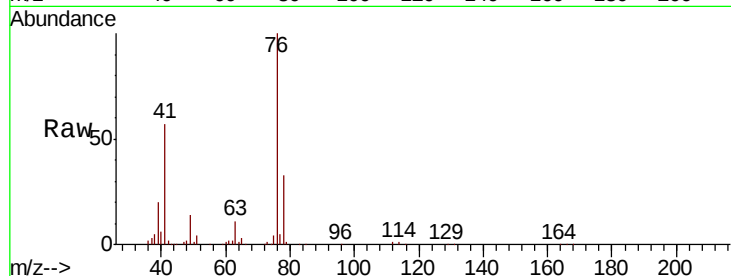
VSTDCCC050EC

Tot Ion: 76 Resp: 267954

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

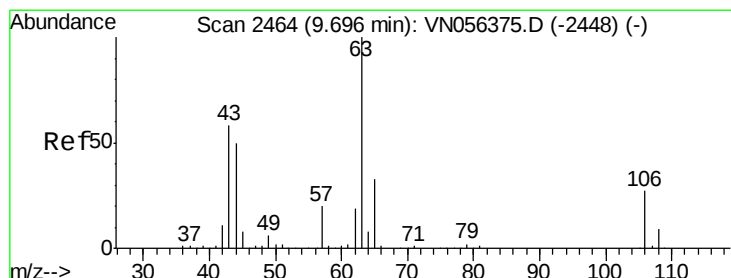
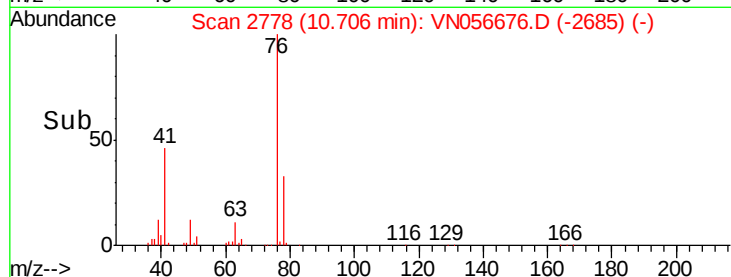
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 372.981 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056676.D

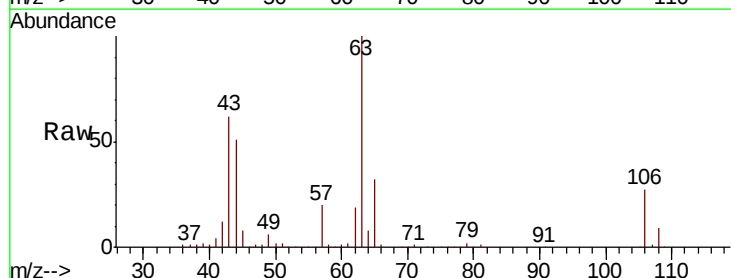
Acq: 11 Jul 2019 19:38

Tgt Ion: 63 Resp: 576876

Ion Ratio Lower Upper

63 100

106 26.4 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

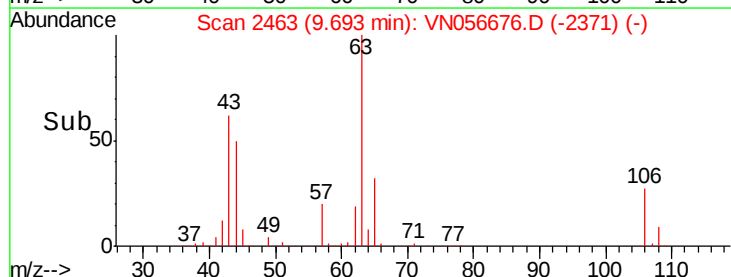
300000

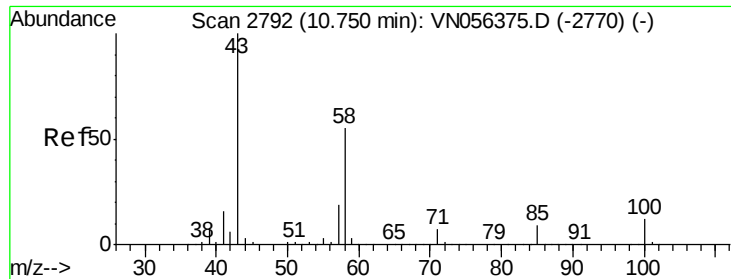
200000

100000

0

Time-->

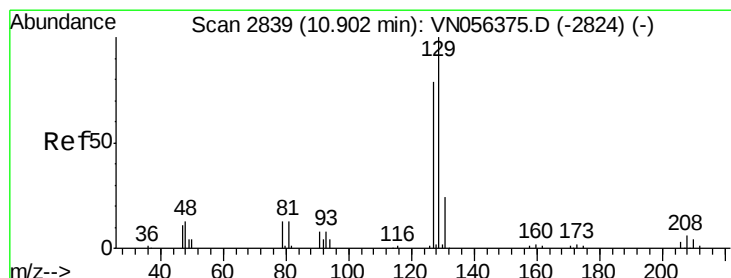
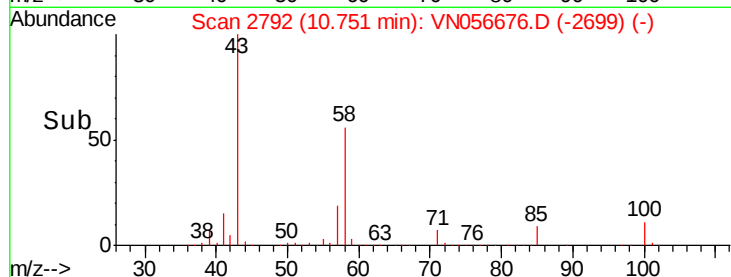
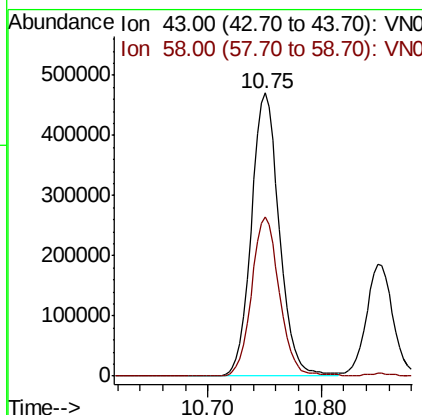
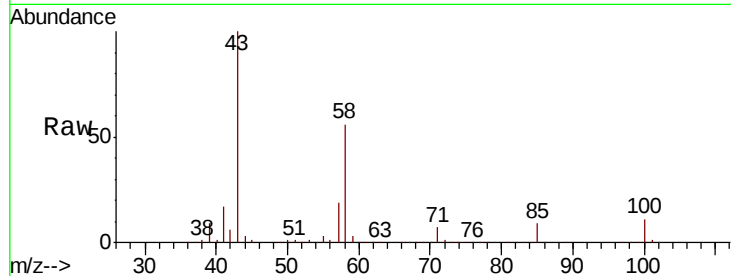




#59
2-Hexanone
Concen: 287.622 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

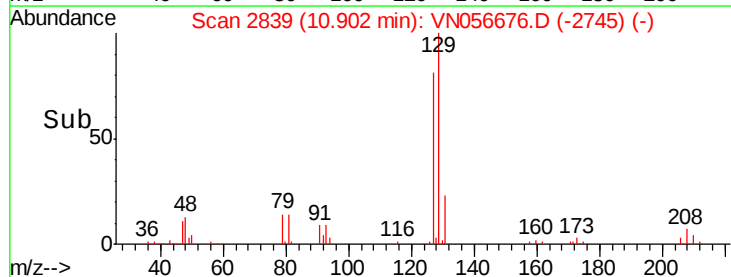
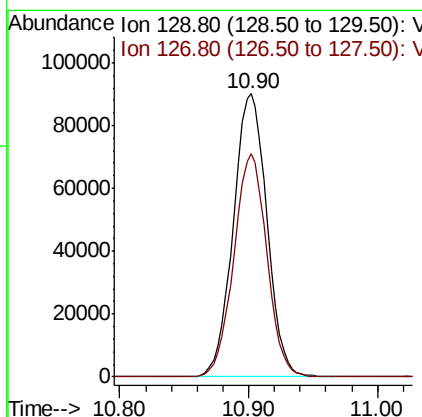
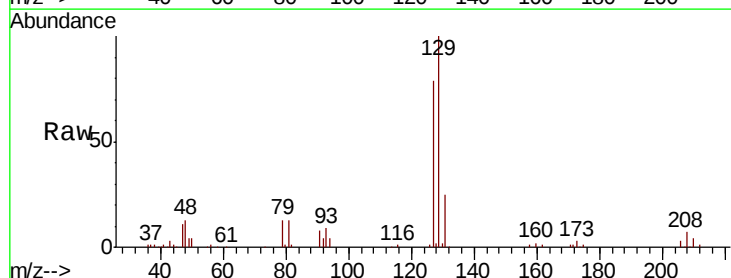
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

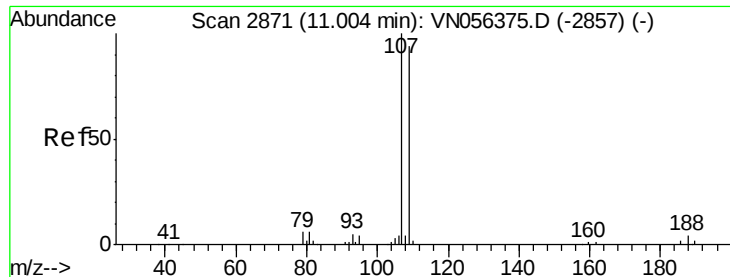
Tot Ion: 43 Resp: 805755
Ion Ratio Lower Upper
43 100
58 56.2 27.8 83.4



#60
Dibromochloromethane
Concen: 53.671 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 129 Resp: 163072
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

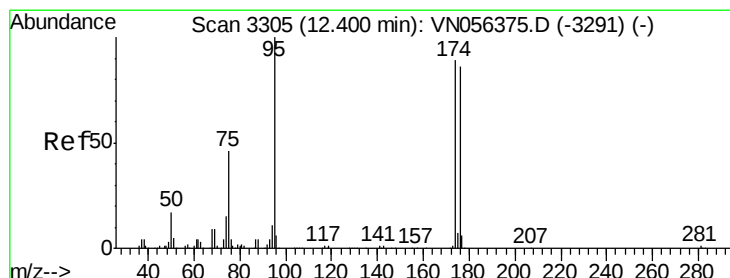
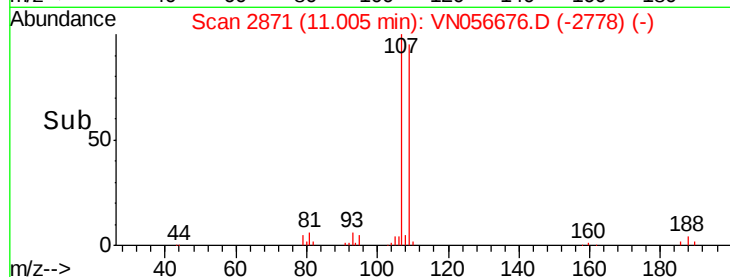
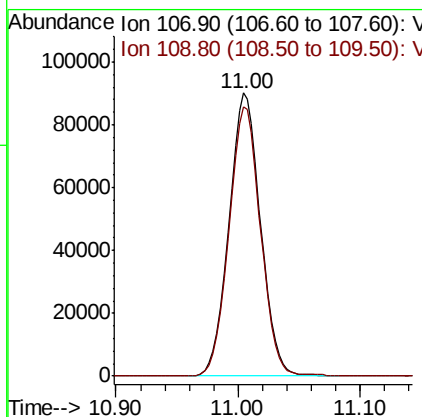
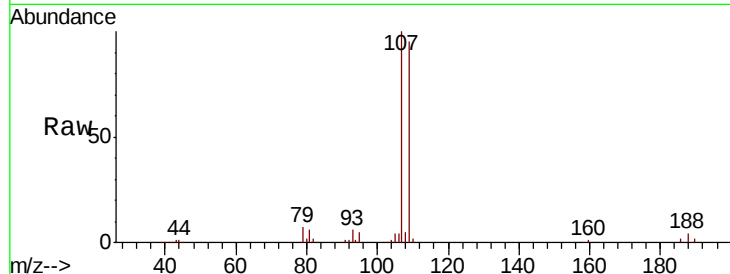




#61
 1,2-Dibromoethane
 Concen: 53.741 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

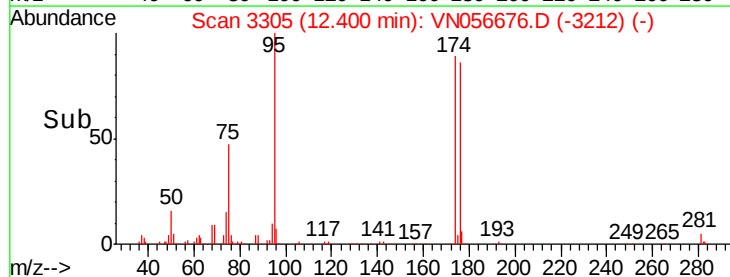
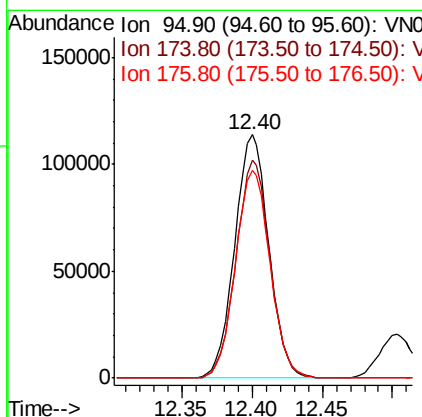
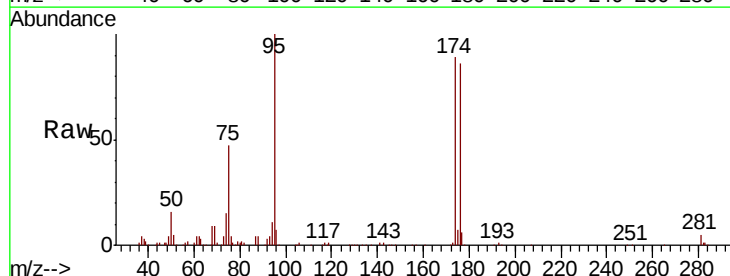
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

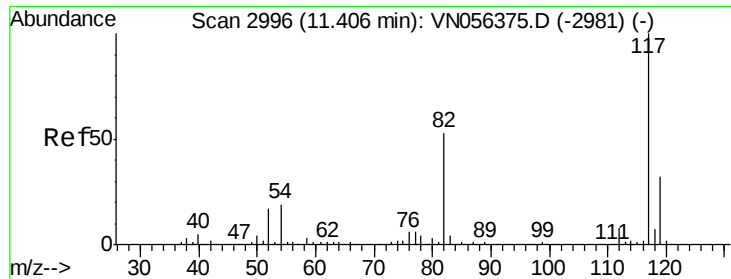
Tot Ion: 107 Resp: 161696
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 53.691 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion: 95 Resp: 192366
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 179.4
 176 87.0 0.0 173.4

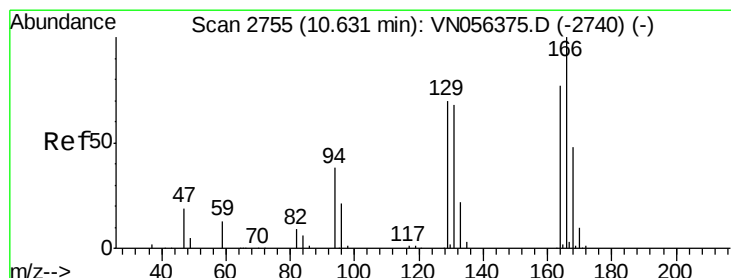
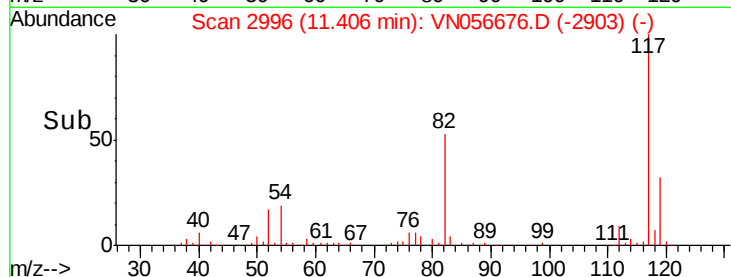
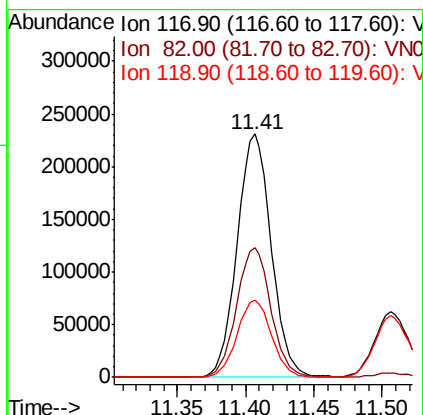
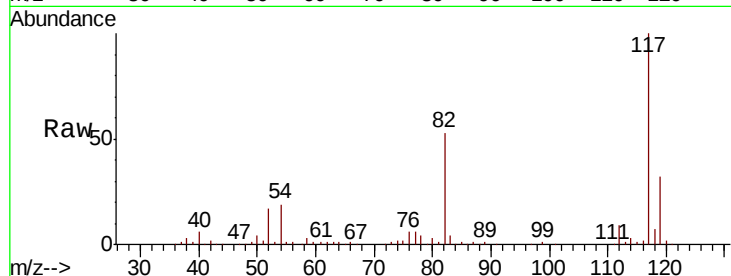




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

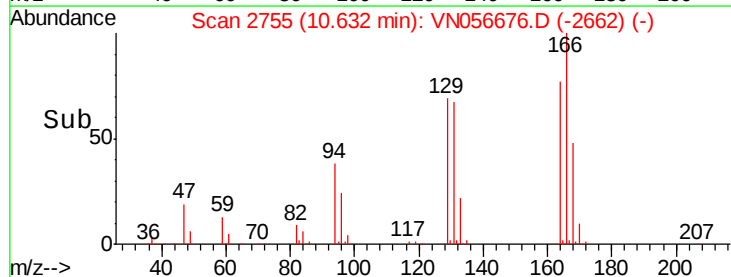
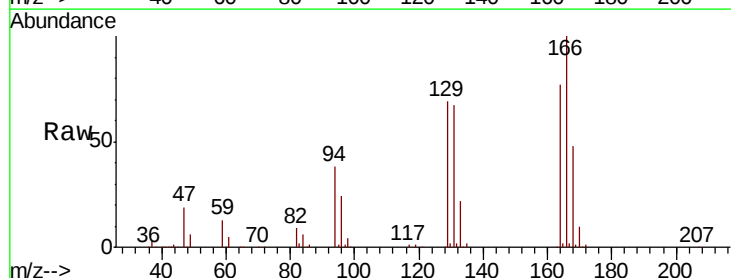
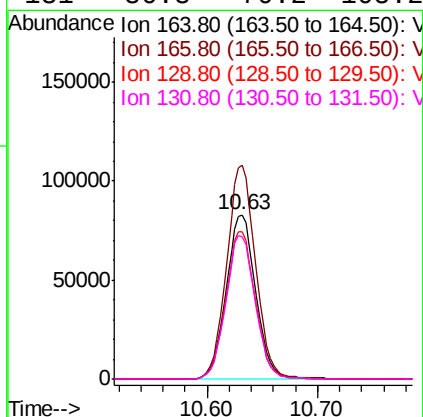
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

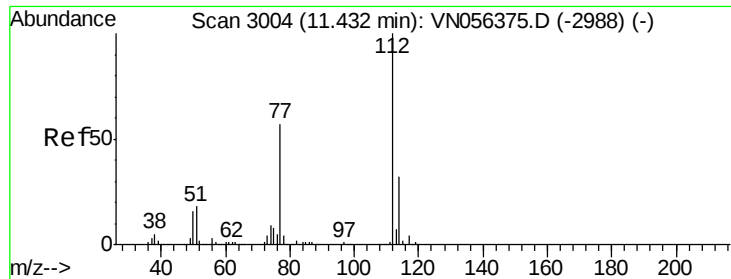
Tot Ion:117 Resp: 401489
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 48.253 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion:164 Resp: 153419
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.0
129 89.7 72.0 108.0
131 86.8 70.2 105.2





#65

Chlorobenzene

Concen: 50.171 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

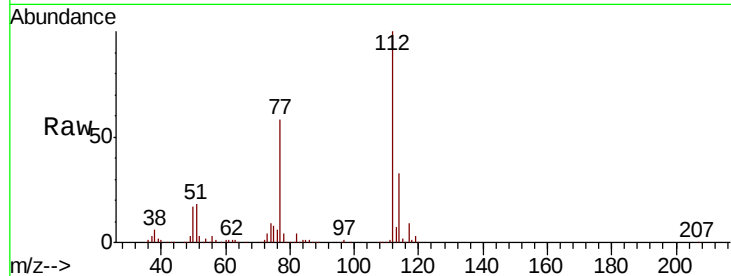
VSTDCCC050EC

Tot Ion:112 Resp: 404747

Ion Ratio Lower Upper

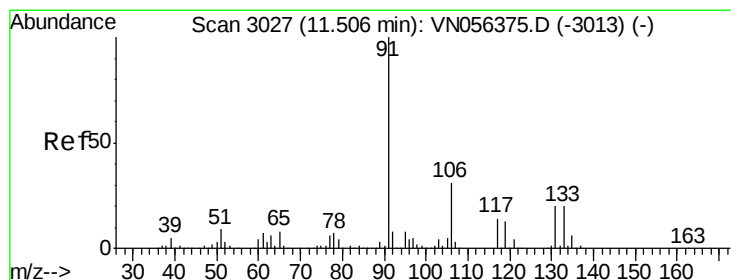
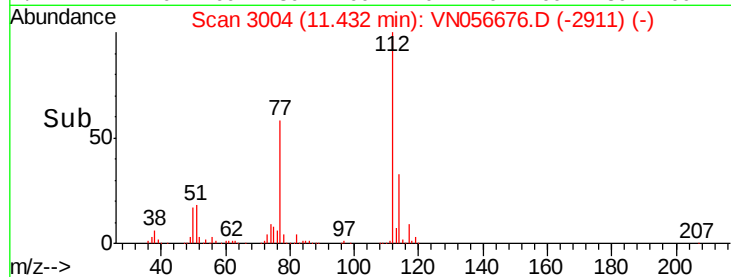
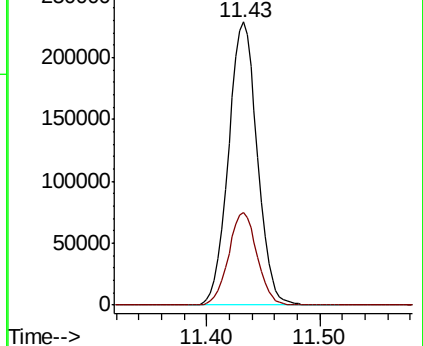
112 100

114 32.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.547 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

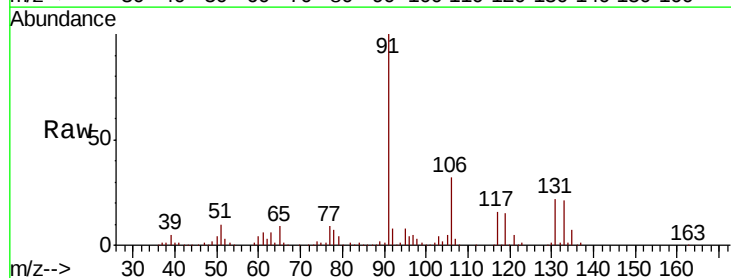
Tgt Ion:131 Resp: 154179

Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

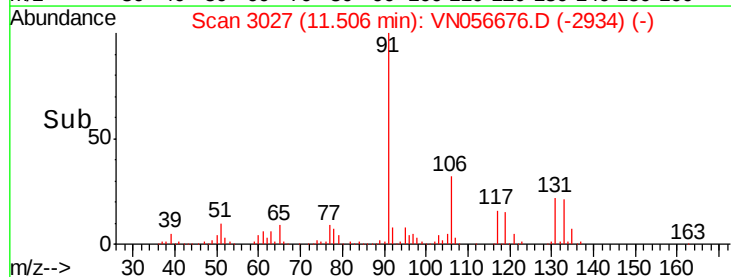
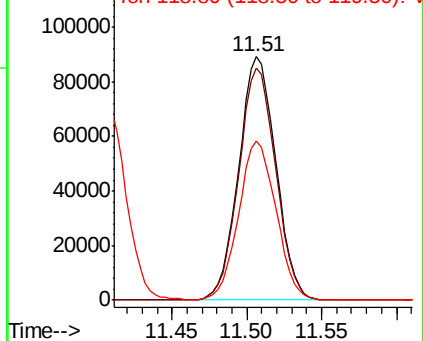
119 65.9 32.8 98.4

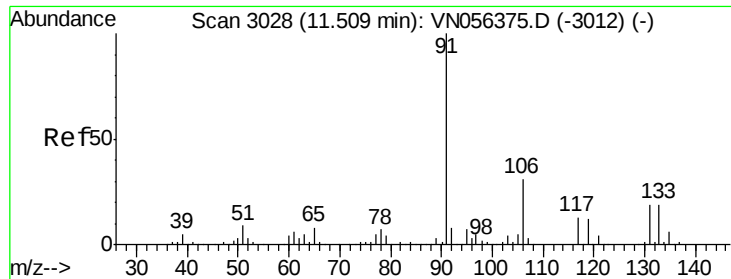


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

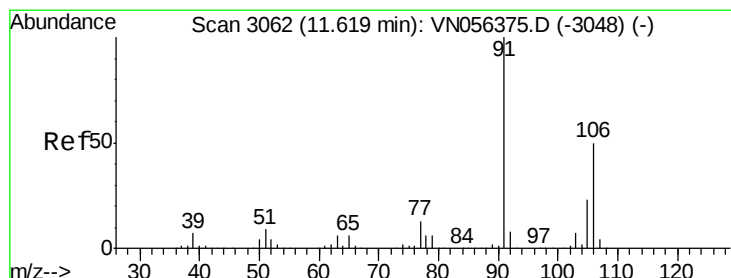
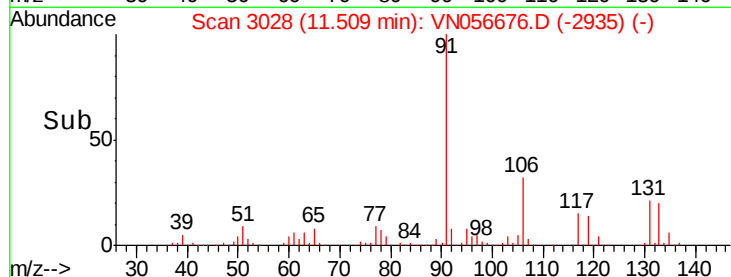
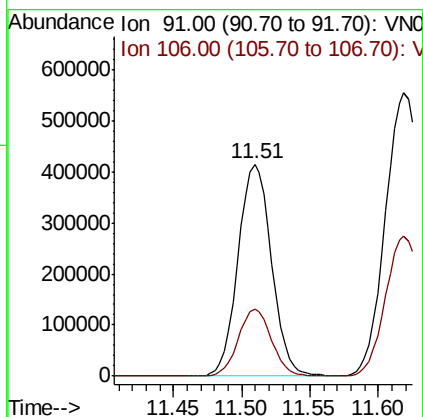
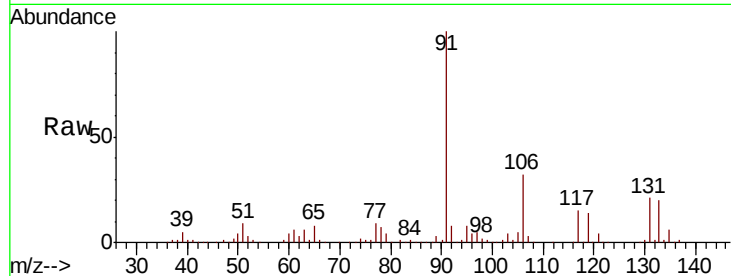




#67
Ethyl Benzene
Concen: 50.025 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

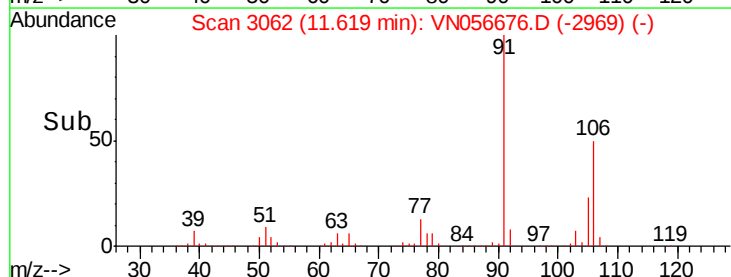
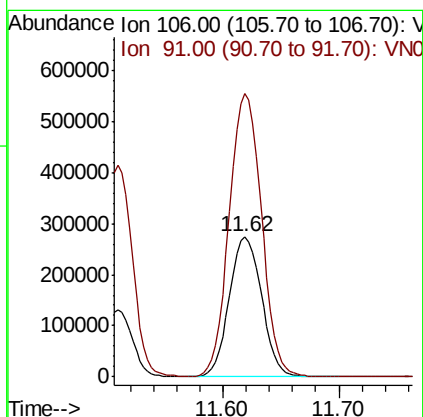
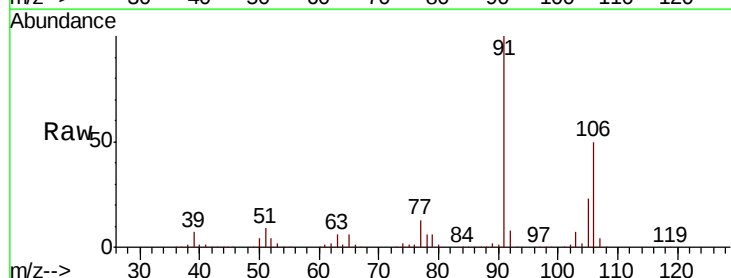
Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

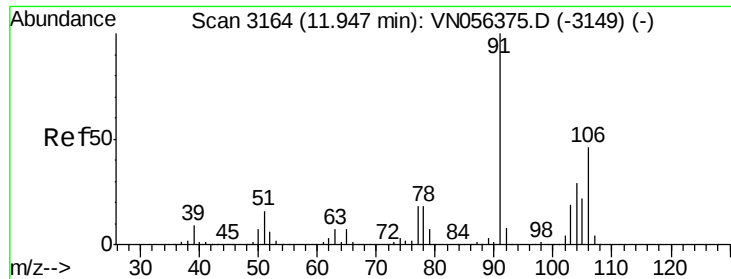
Tot Ion: 91 Resp: 708612
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 102.691 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion: 106 Resp: 533091
Ion Ratio Lower Upper
106 100
91 201.6 160.1 240.1

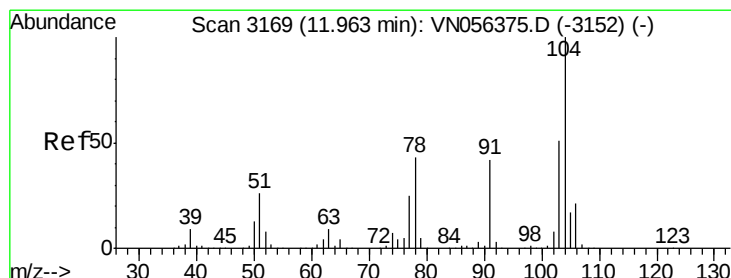
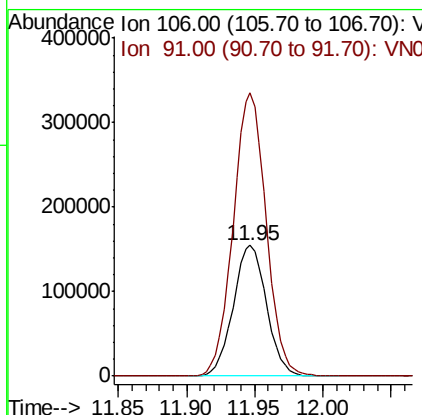
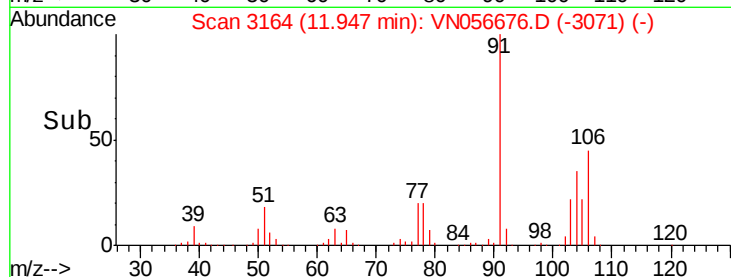
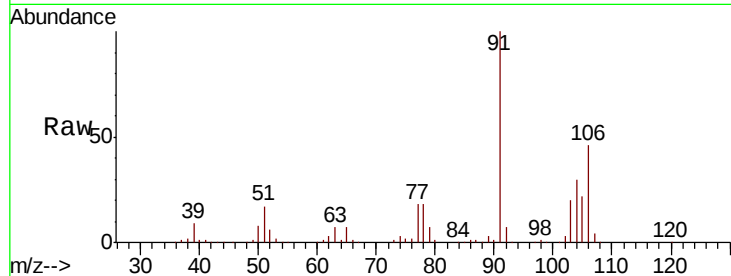




#69
o-Xylene
Concen: 50.968 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

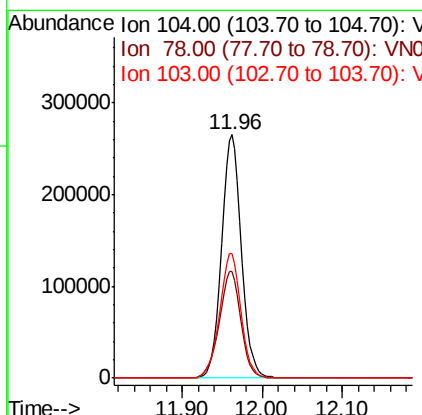
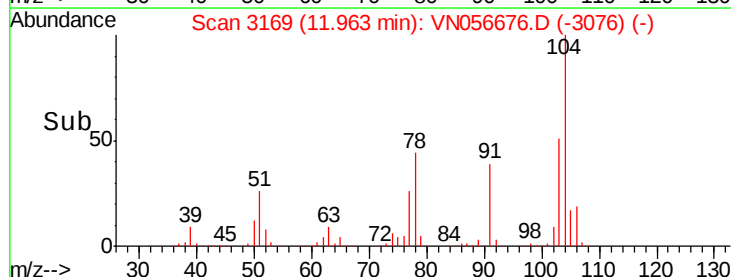
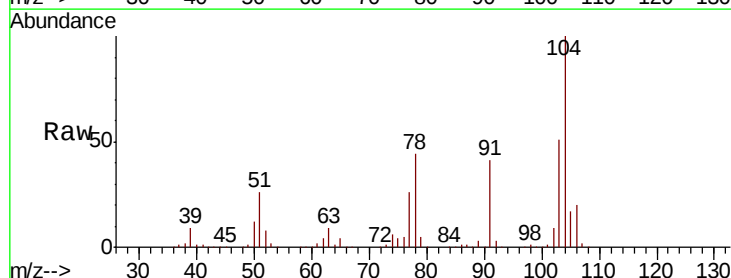
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

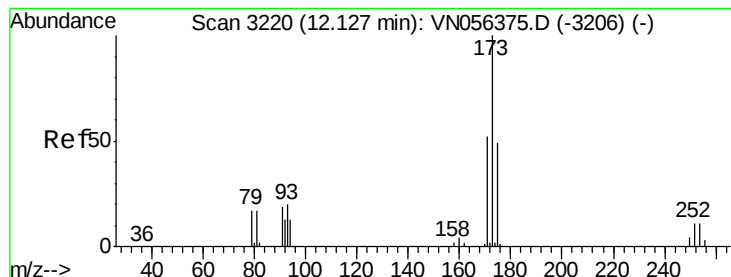
Tot Ion:106 Resp: 261765
Ion Ratio Lower Upper
106 100
91 214.5 107.1 321.3



#70
Styrene
Concen: 55.201 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056676.D
Acq: 11 Jul 2019 19:38

Tgt Ion:104 Resp: 453156
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 55.1 43.9 65.9





#71

Bromoform

Concen: 54.734 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

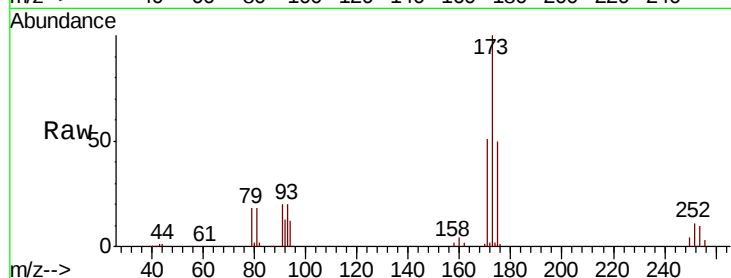
Tot Ion:173 Resp: 121093

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

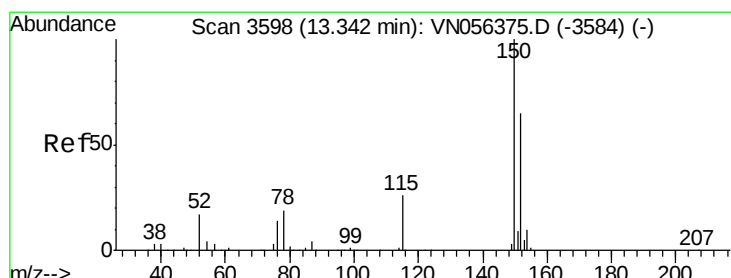
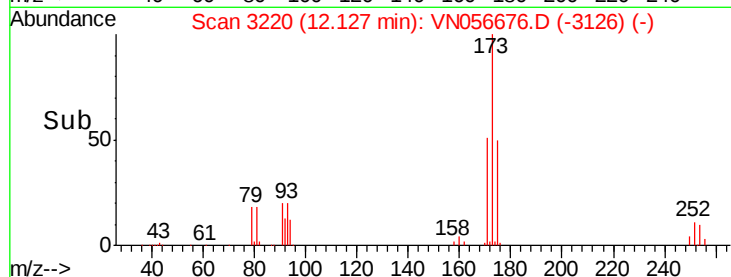
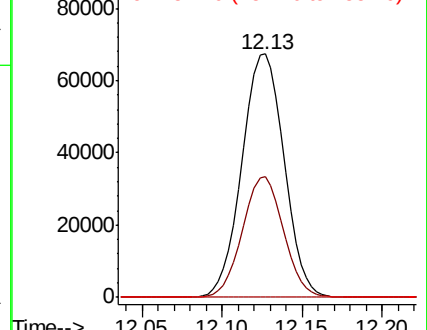
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

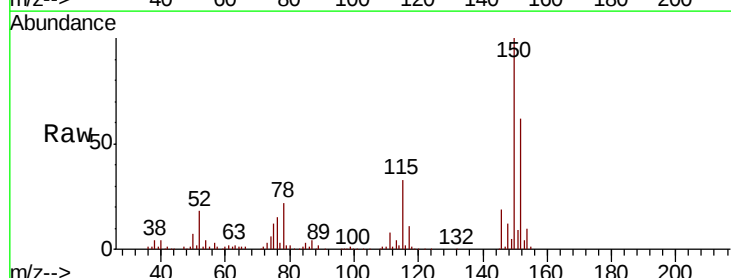
Tgt Ion:152 Resp: 188286

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

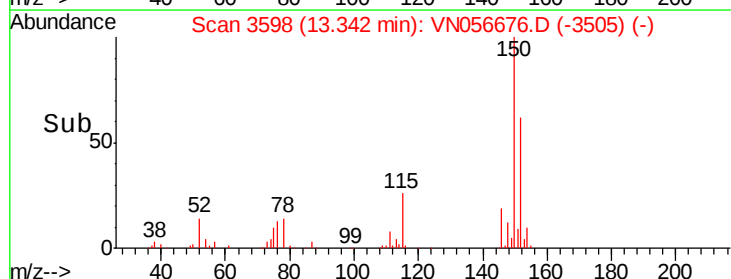
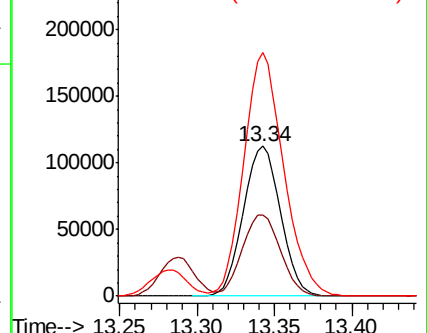
150 174.2 0.0 348.4

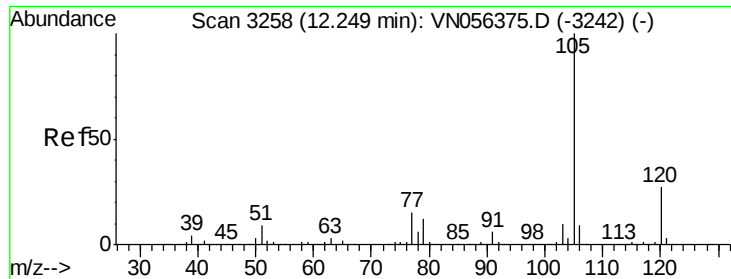


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.603 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

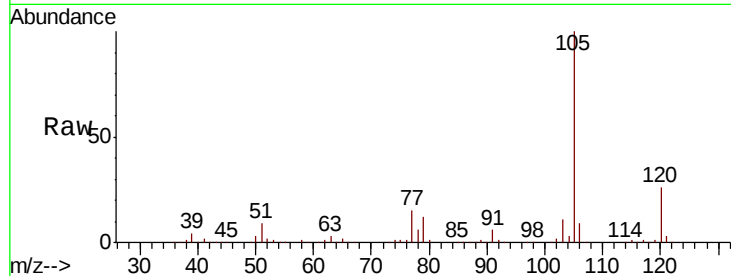
VSTDCCC050EC

Tot Ion:105 Resp: 701792

Ion Ratio Lower Upper

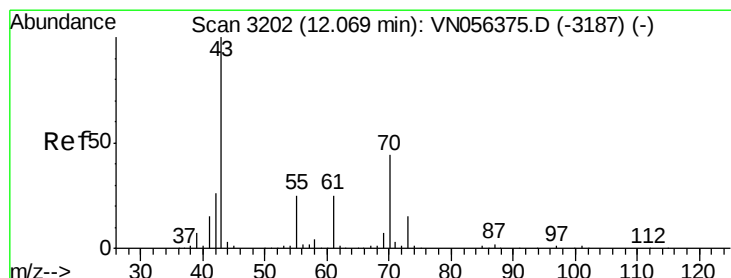
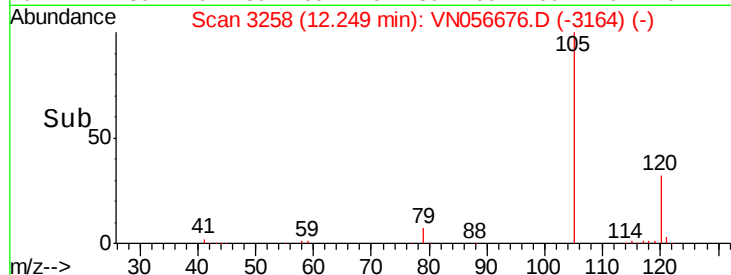
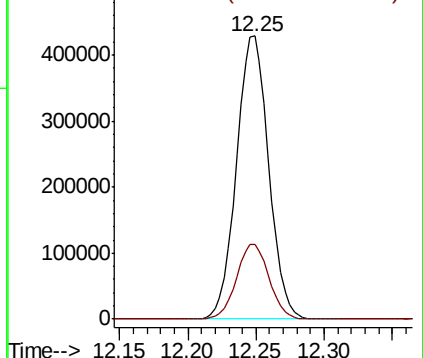
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.618 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Tgt Ion: 43 Resp: 285347

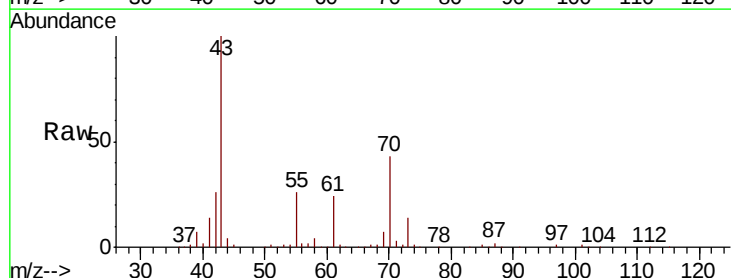
Ion Ratio Lower Upper

43 100

70 42.8 34.9 52.3

55 26.0 20.4 30.6

61 24.6 19.8 29.8

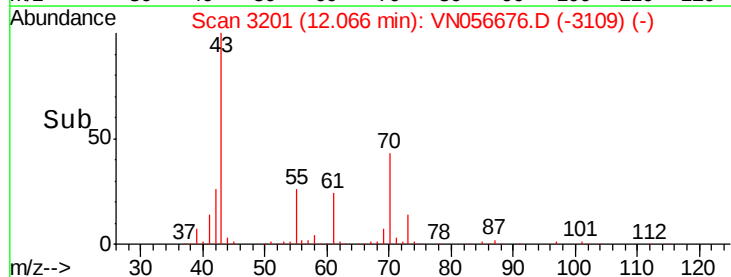
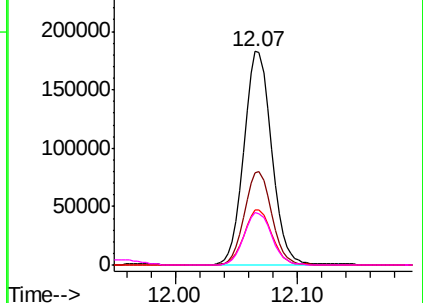


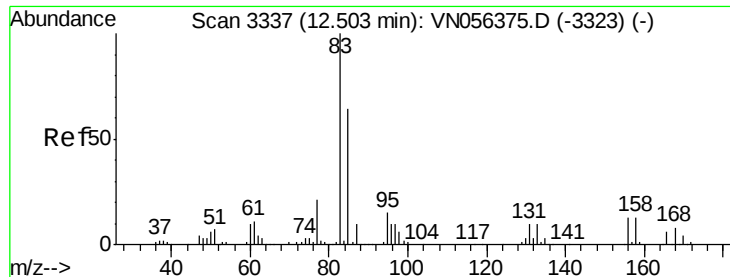
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.650 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

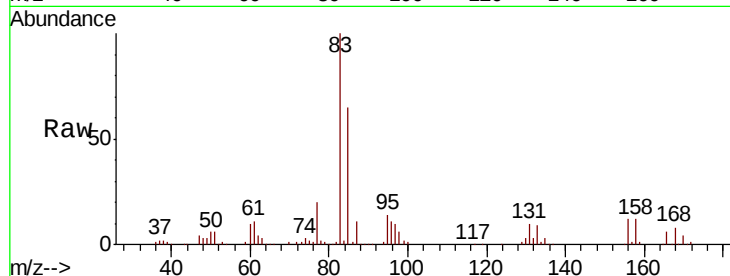
Tot Ion: 83 Resp: 238016

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

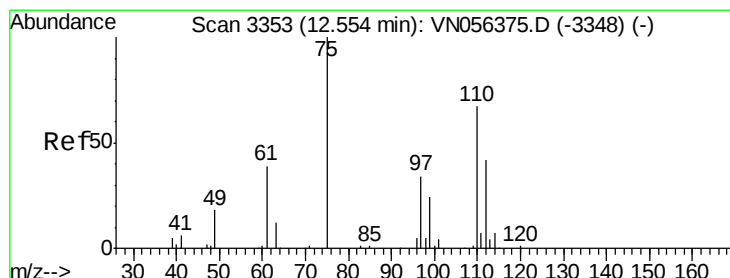
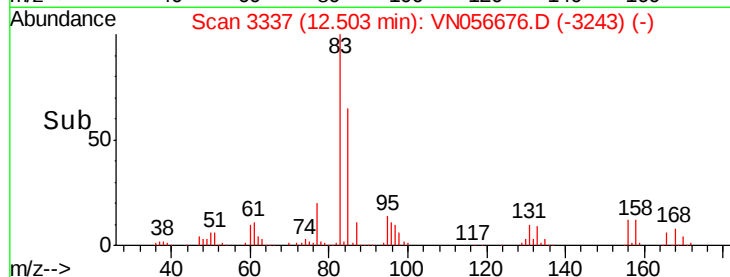
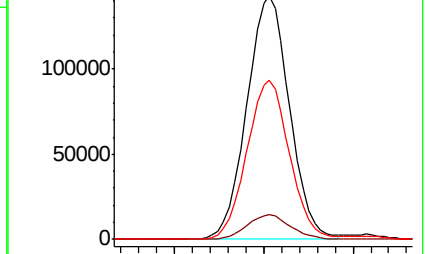
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056676.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056676.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056676.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 73.057 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056676.D

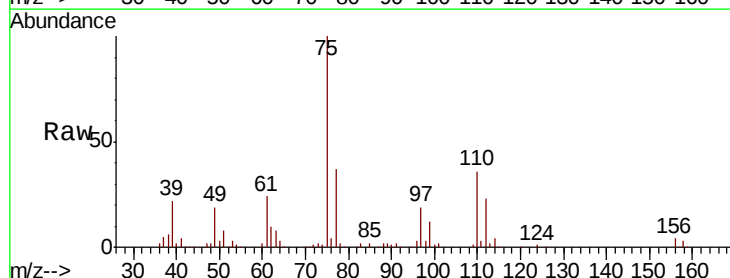
Acq: 11 Jul 2019 19:38

Tgt Ion: 75 Resp: 285223

Ion Ratio Lower Upper

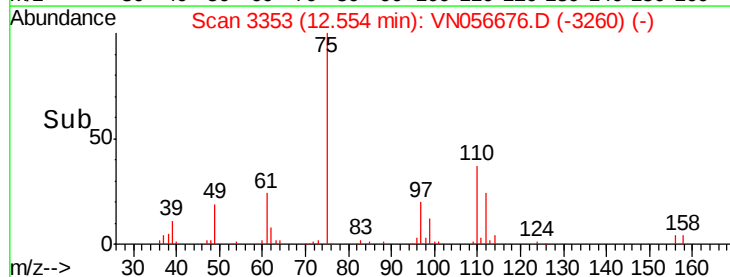
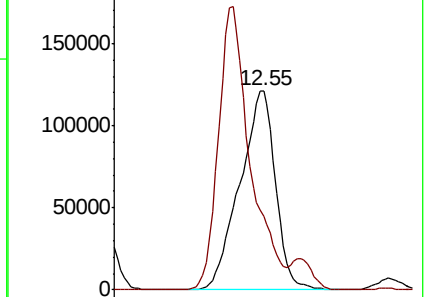
75 100

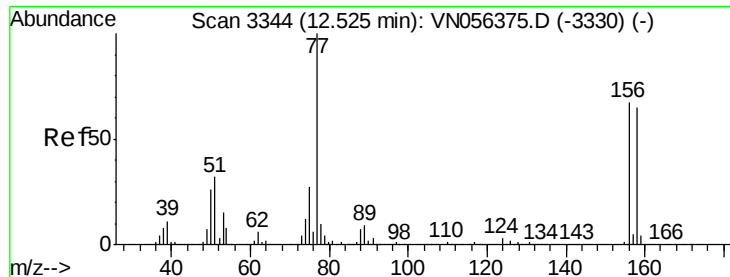
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056676.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN056676.D (-3353) (-)





#77

Bromobenzene

Concen: 44.489 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

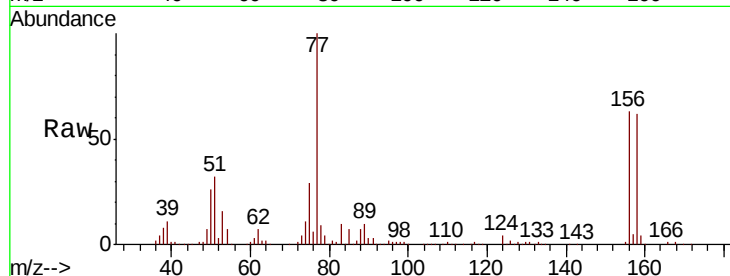
Tot Ion:156 Resp: 187301

Ion Ratio Lower Upper

156 100

77 192.9 92.5 277.3

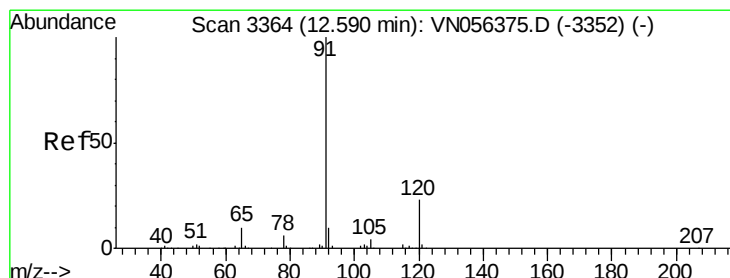
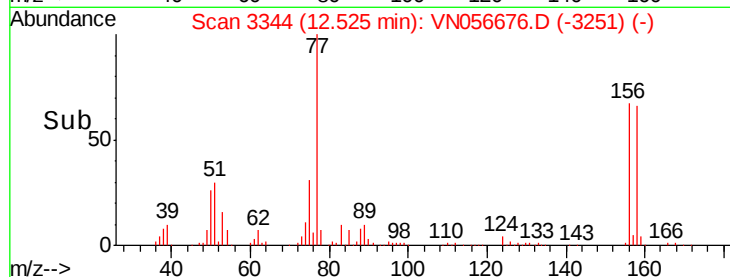
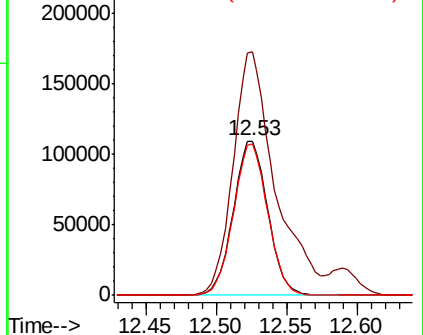
158 97.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.469 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056676.D

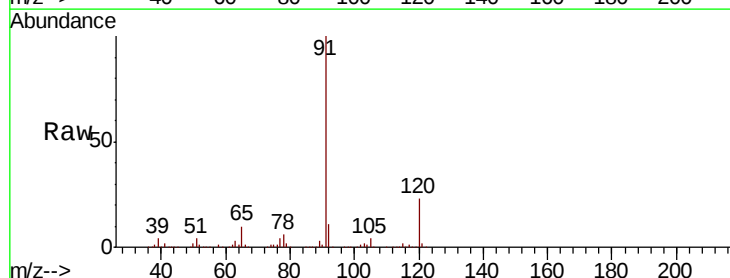
Acq: 11 Jul 2019 19:38

Tgt Ion: 91 Resp: 783998

Ion Ratio Lower Upper

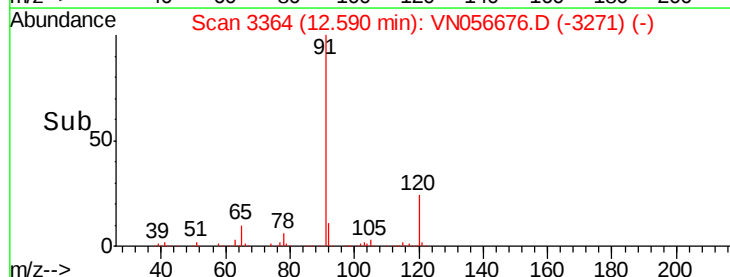
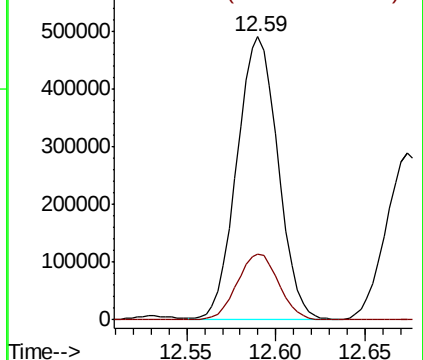
91 100

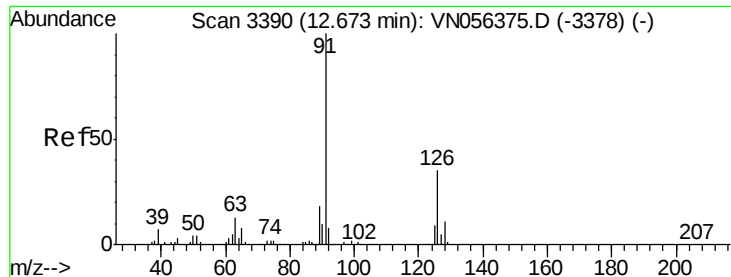
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.428 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

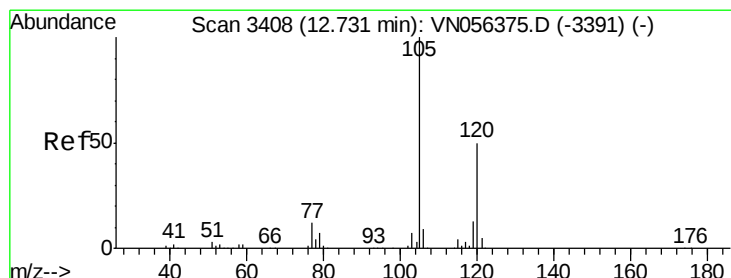
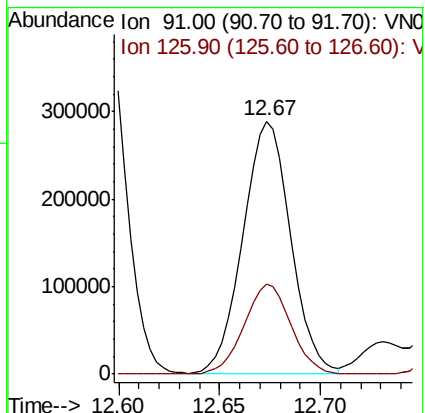
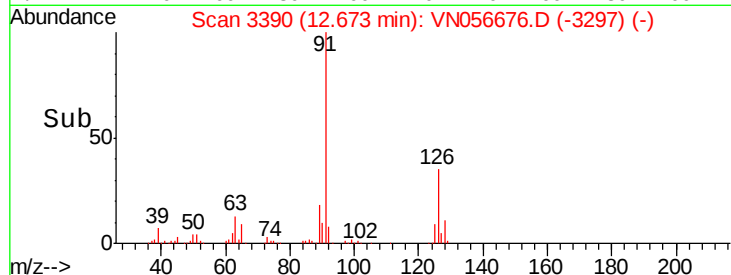
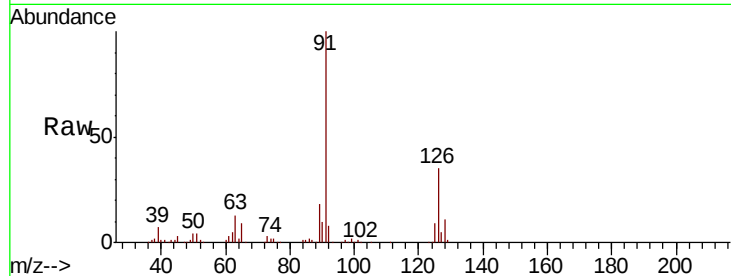
VSTDCCC050EC

Tot Ion: 91 Resp: 476579

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.509 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056676.D

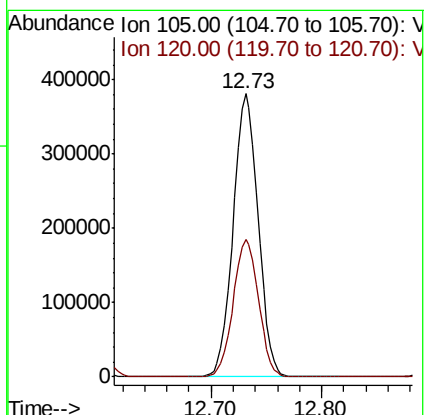
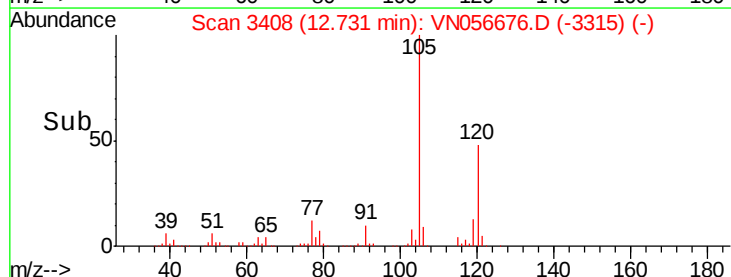
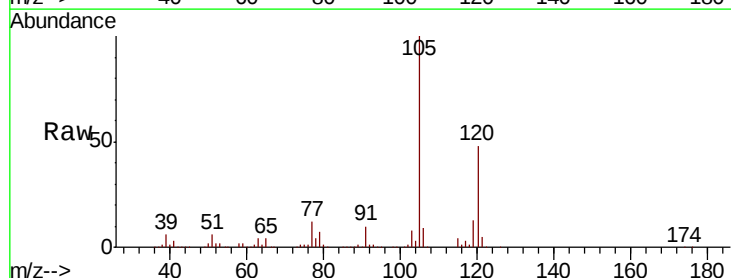
Acq: 11 Jul 2019 19:38

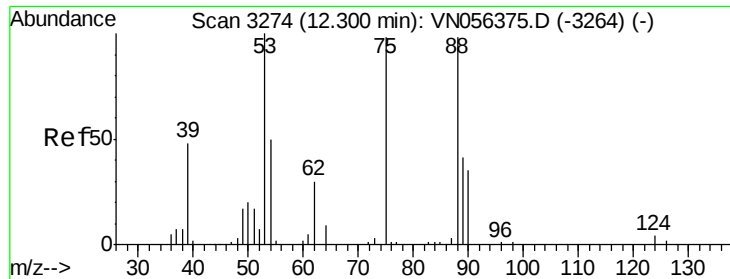
Tgt Ion:105 Resp: 598237

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 59.142 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

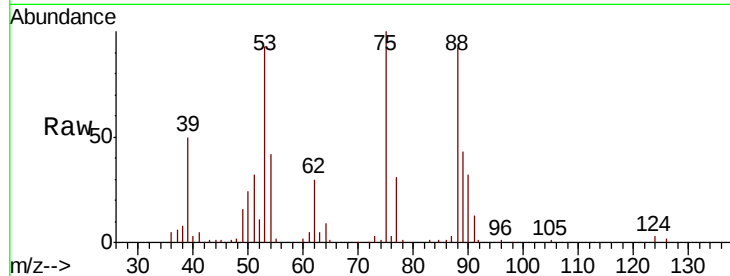
Tot Ion: 75 Resp: 64966

Ion Ratio Lower Upper

75 100

53 93.8 83.9 125.9

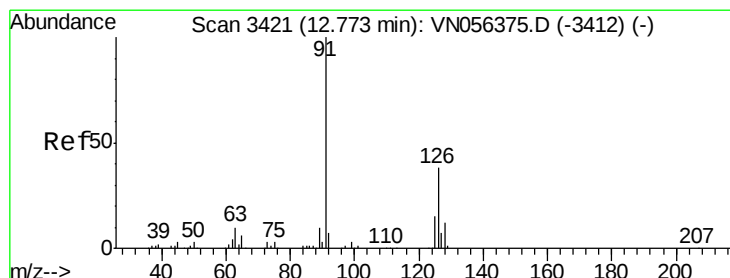
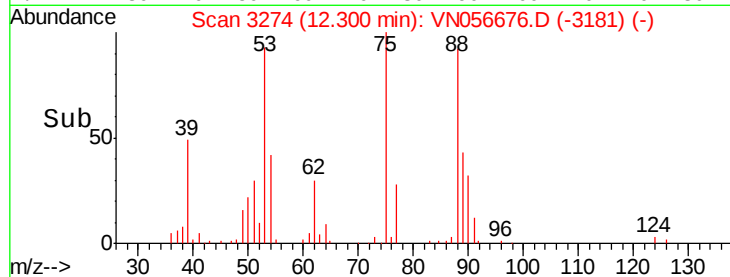
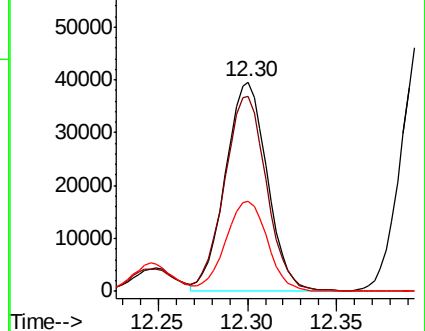
89 43.2 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.314 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056676.D

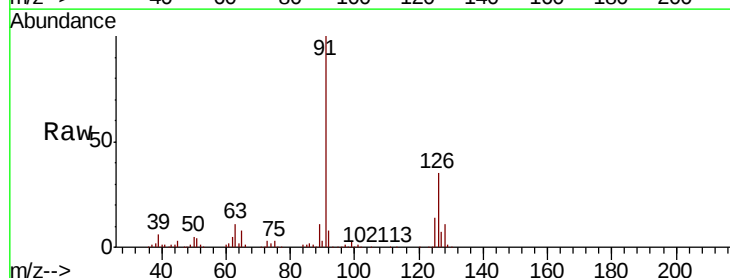
Acq: 11 Jul 2019 19:38

Tgt Ion: 91 Resp: 471504

Ion Ratio Lower Upper

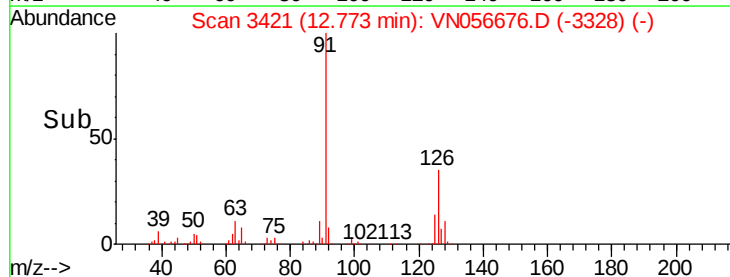
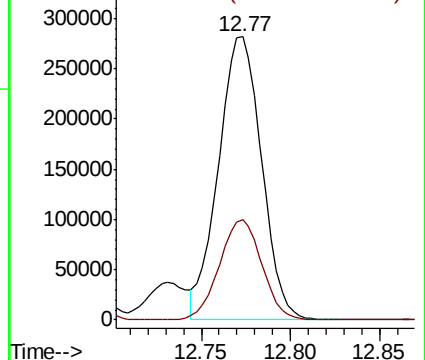
91 100

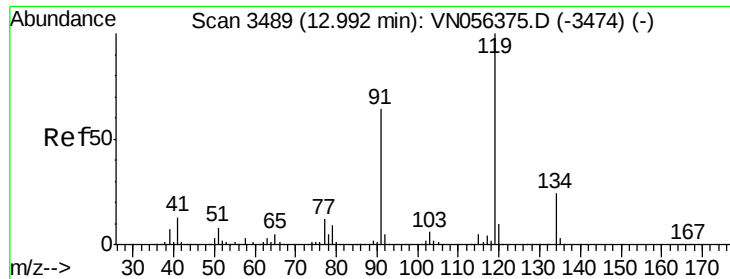
126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

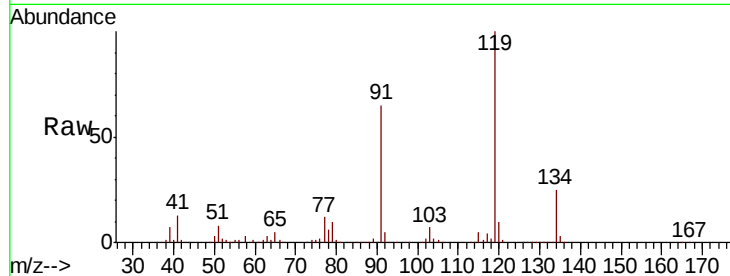




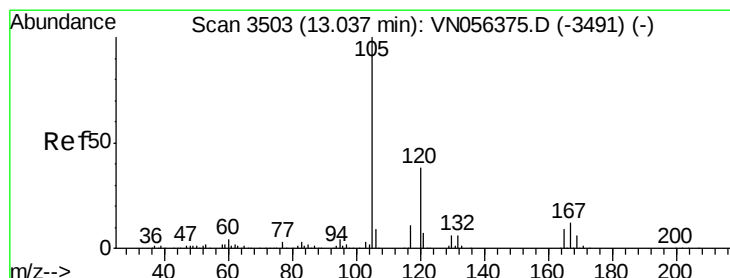
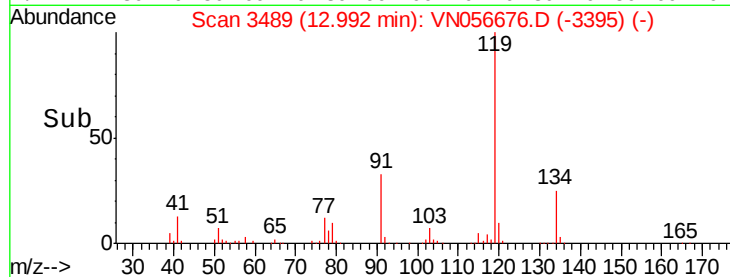
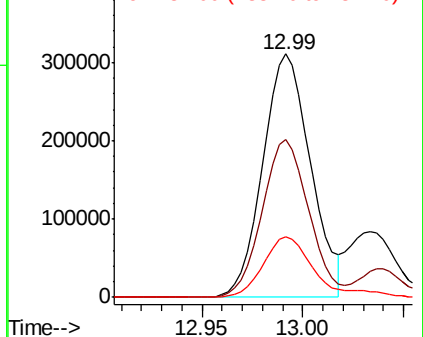
#83
 tert-Butylbenzene
 Concen: 49.659 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 512941
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 94.7
 134 26.7 13.2 39.5

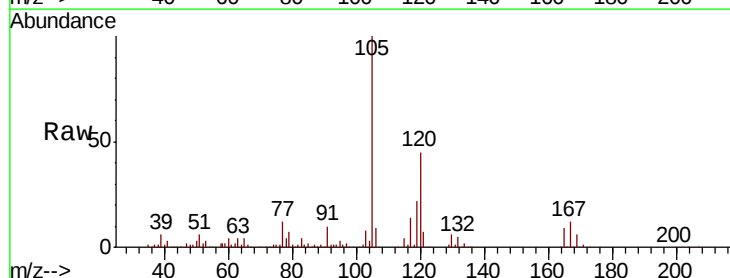


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

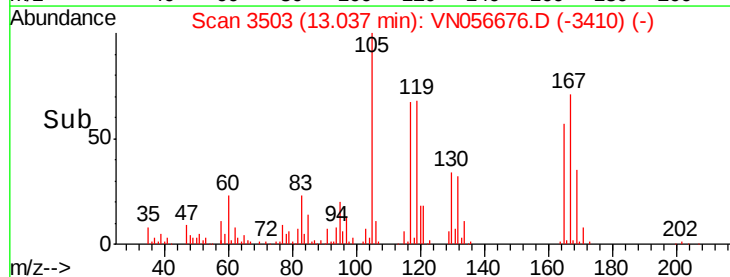
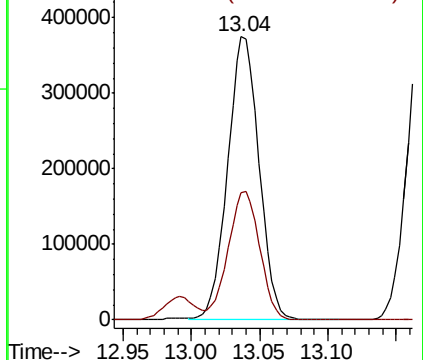


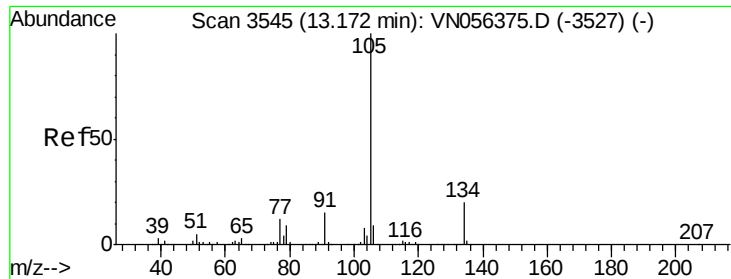
#84
 1,2,4-Trimethylbenzene
 Concen: 47.187 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion:105 Resp: 598110
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.751 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

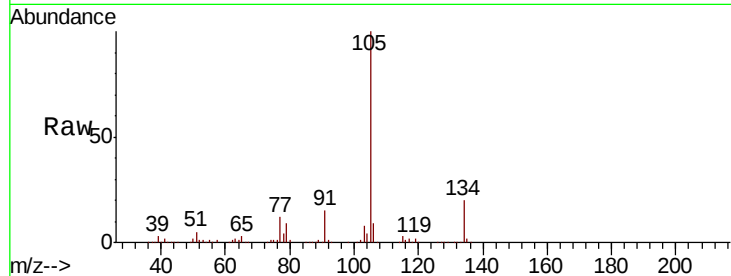
VSTDCCC050EC

Tot Ion:105 Resp: 678199

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

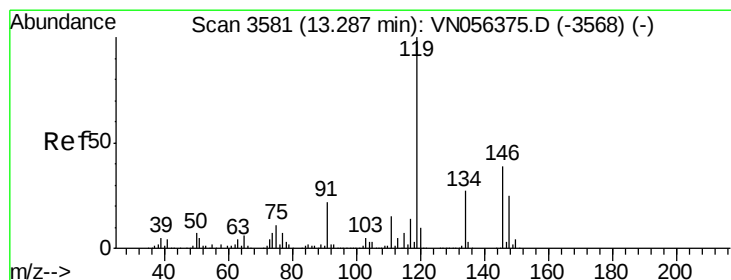
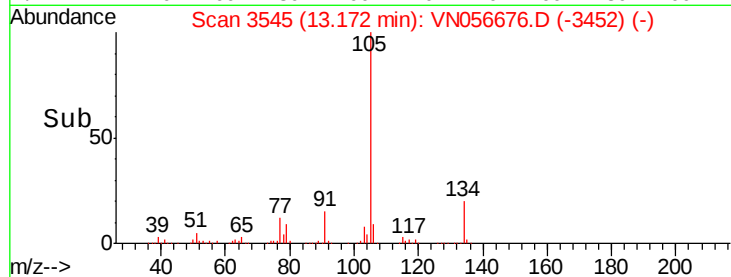
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.746 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

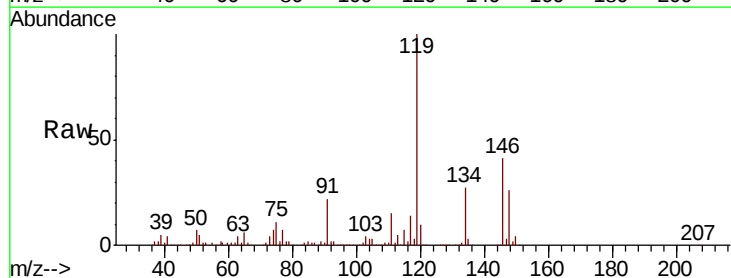
Tgt Ion:119 Resp: 620991

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.1 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

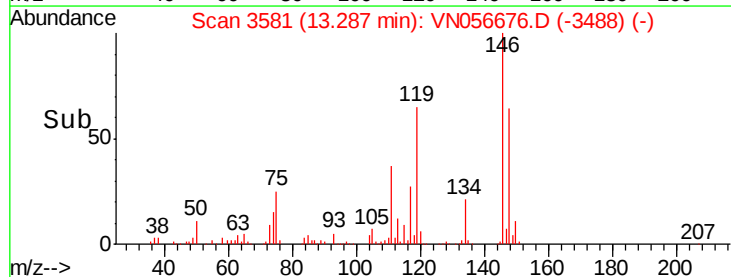
300000

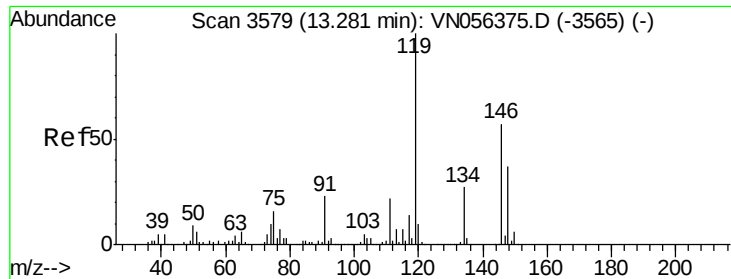
200000

100000

0

Time-->

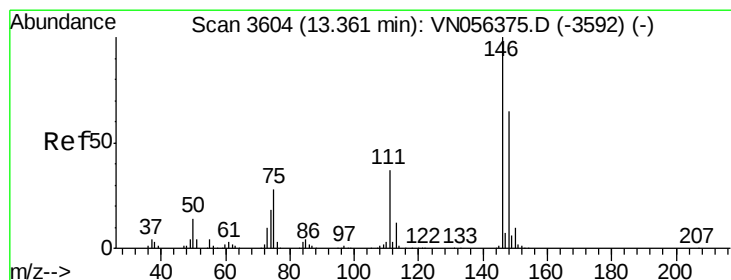
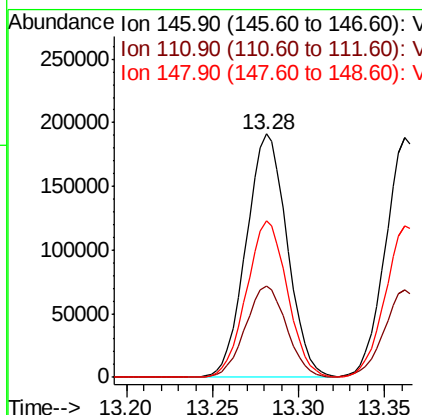
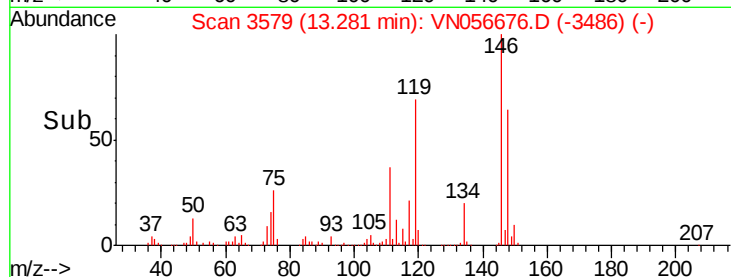
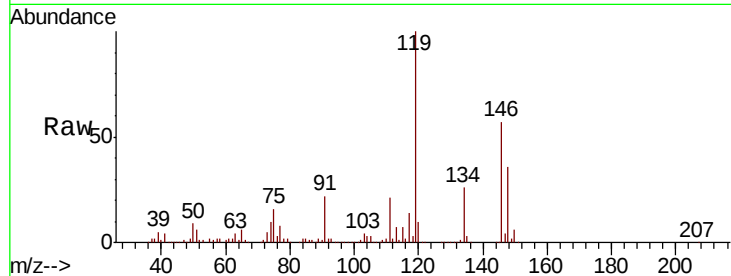




#87
 1,3-Dichlorobenzene
 Concen: 49.556 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

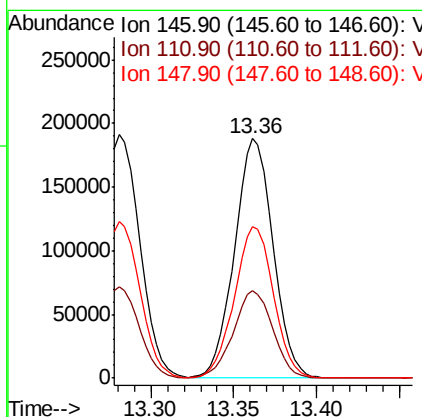
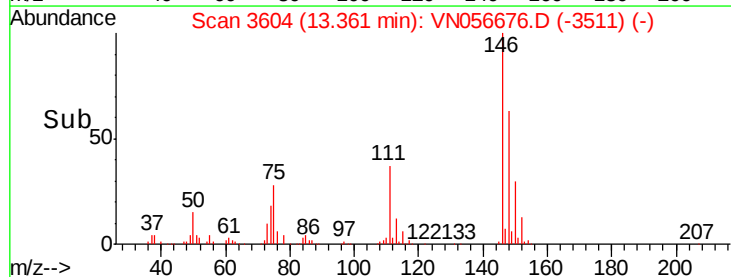
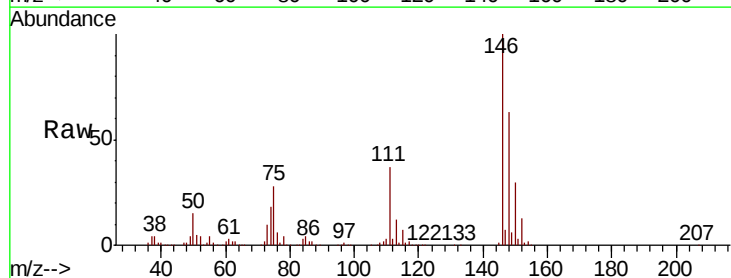
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

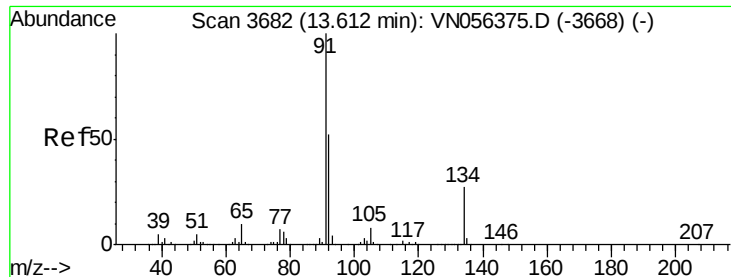
Tot Ion:146 Resp: 316176
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.174 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion:146 Resp: 303849
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.4
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 51.660 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

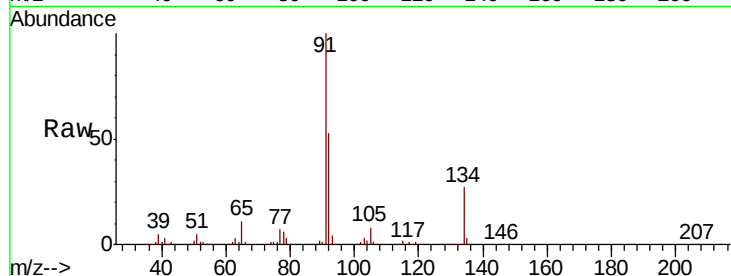
Tot Ion: 91 Resp: 508645

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

134 26.8 13.4 40.2

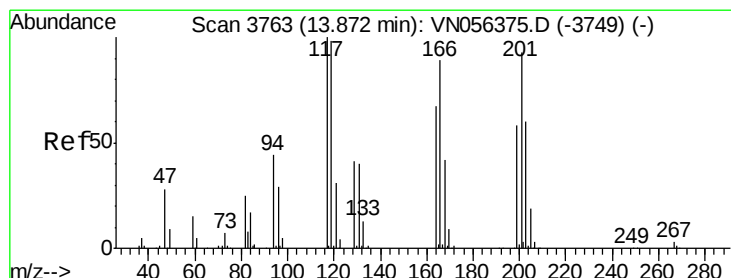
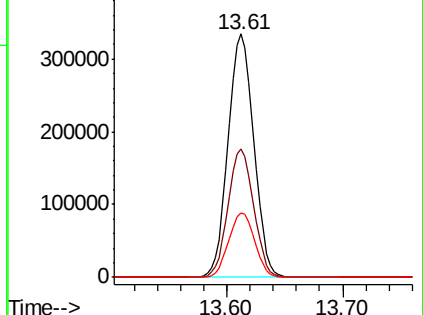
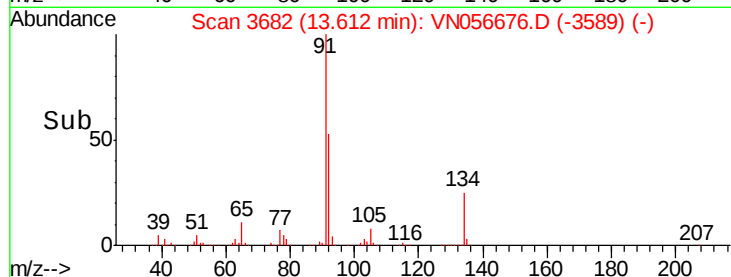


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 47.892 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056676.D

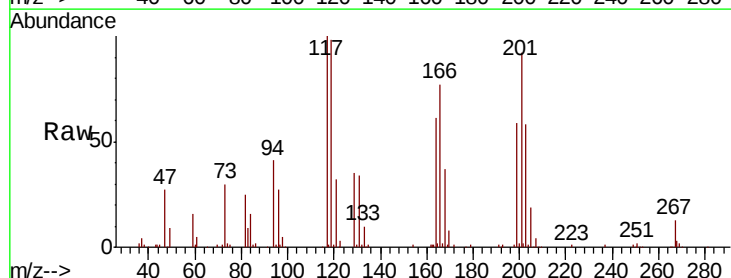
Acq: 11 Jul 2019 19:38

Tgt Ion: 117 Resp: 97111

Ion Ratio Lower Upper

117 100

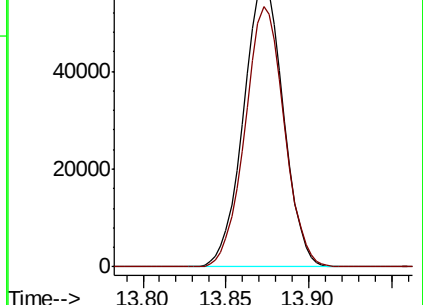
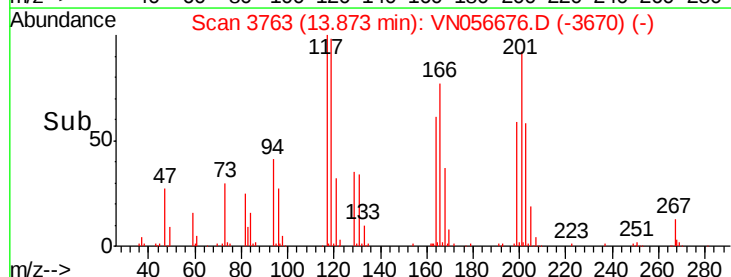
201 90.3 45.9 137.6

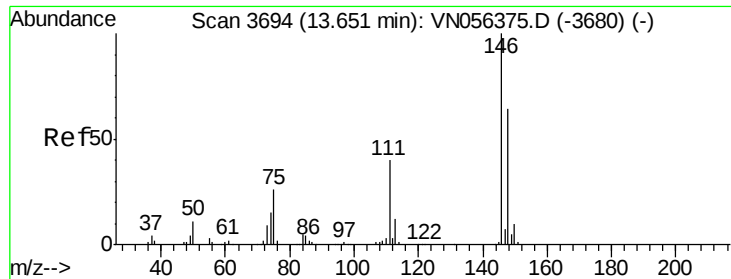


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.815 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

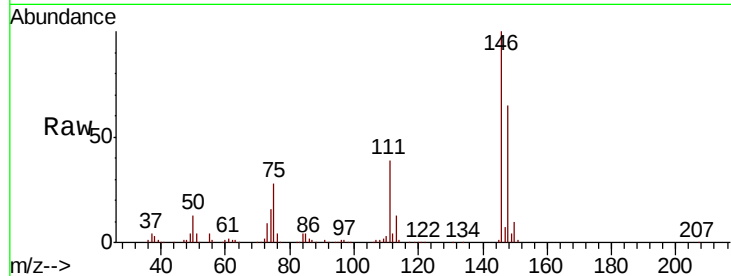
Tot Ion:146 Resp: 321663

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

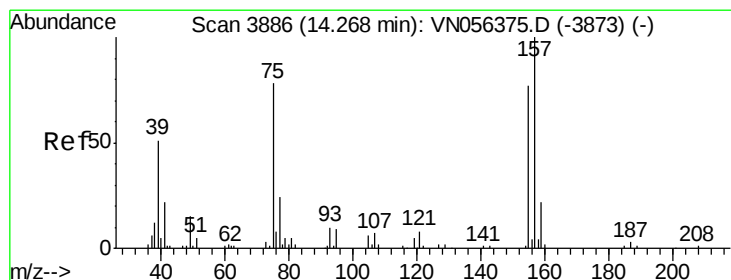
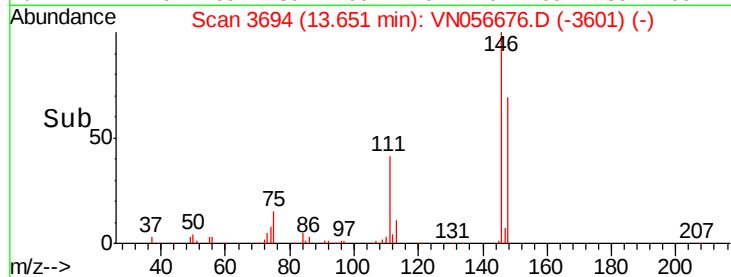
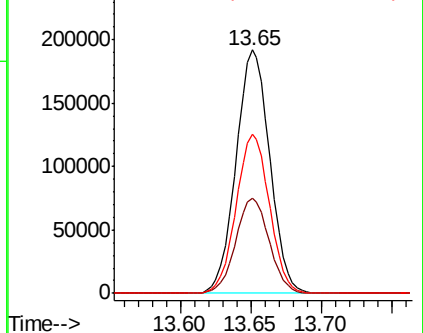
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.817 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

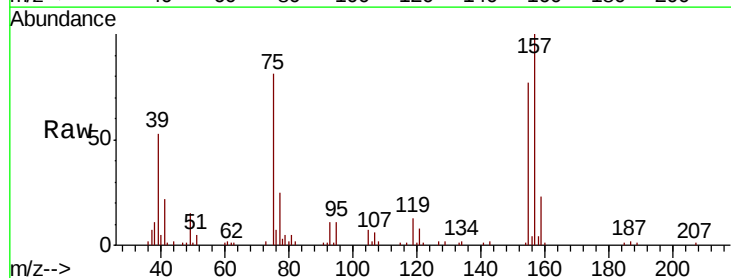
Tgt Ion: 75 Resp: 40977

Ion Ratio Lower Upper

75 100

155 94.1 48.9 146.8

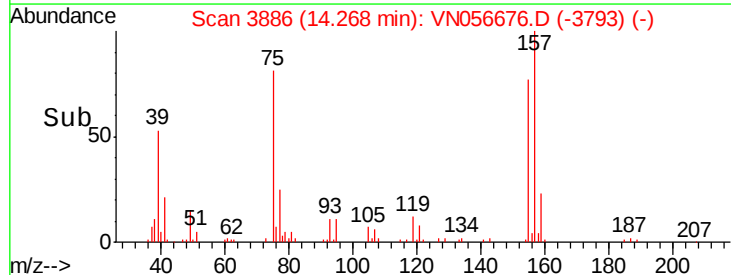
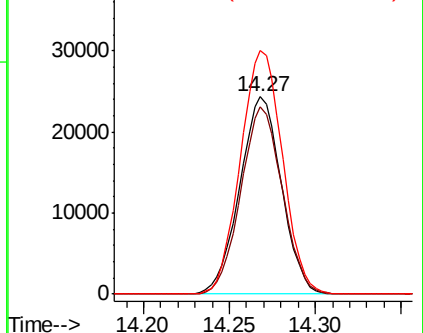
157 124.2 62.9 188.8

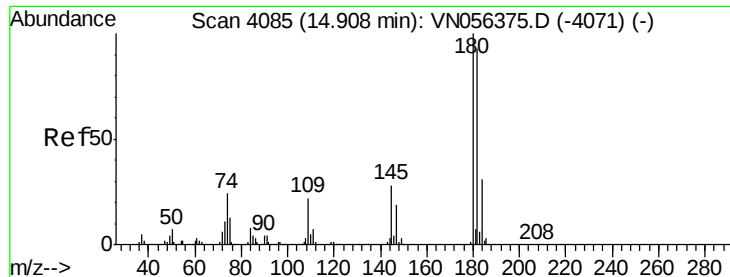


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

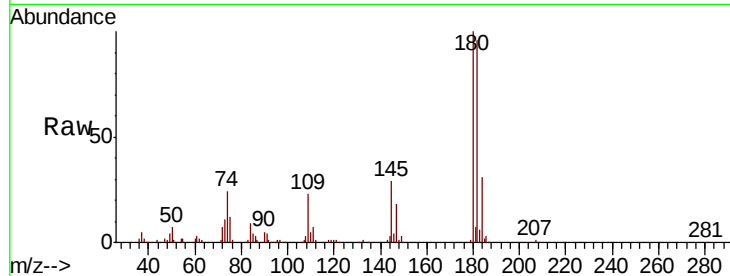




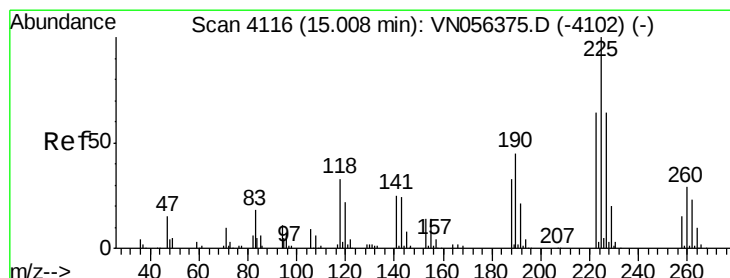
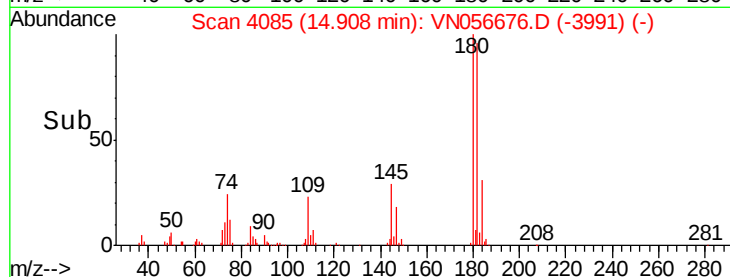
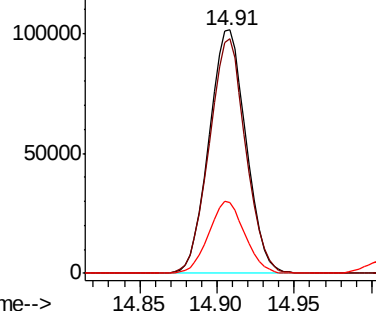
#93
 1,2,4-Trichlorobenzene
 Concen: 50.946 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.6
145	28.9	14.4	43.0

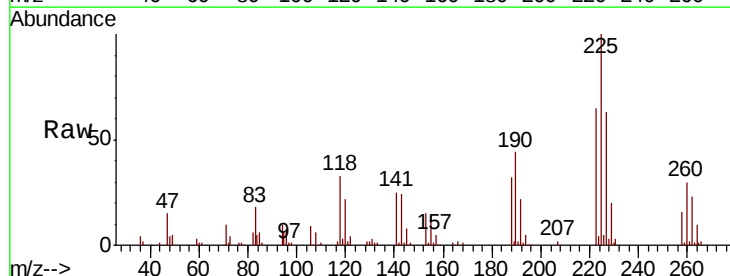


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

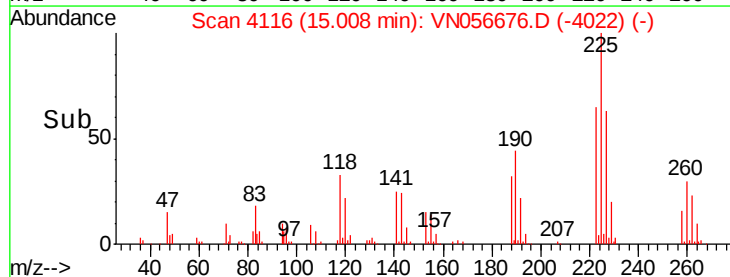
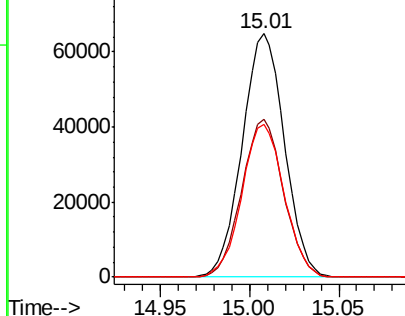


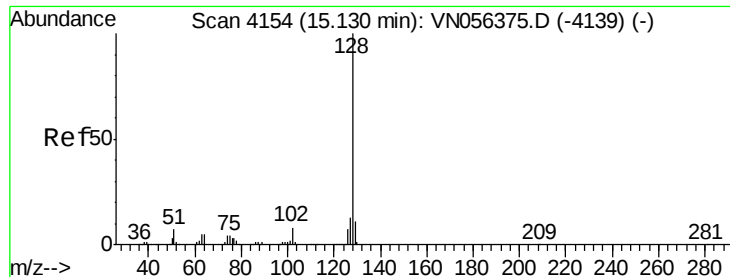
#94
 Hexachlorobutadiene
 Concen: 49.958 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056676.D
 Acq: 11 Jul 2019 19:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.4	94.3
227	62.7	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.990 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

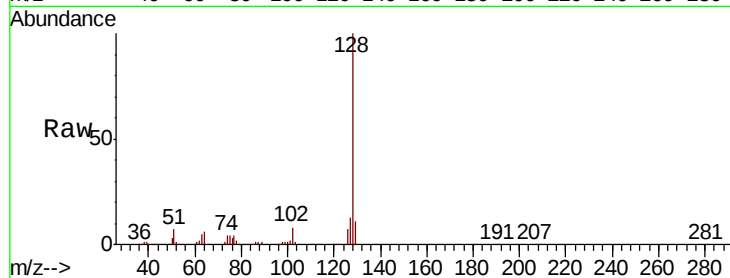
Tot Ion:128 Resp: 449919

Ion Ratio Lower Upper

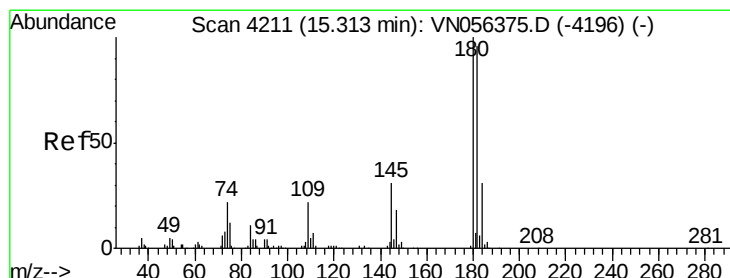
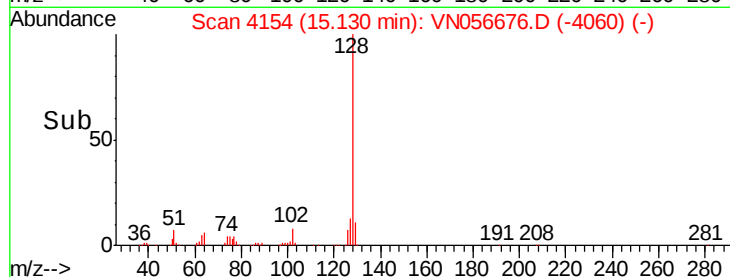
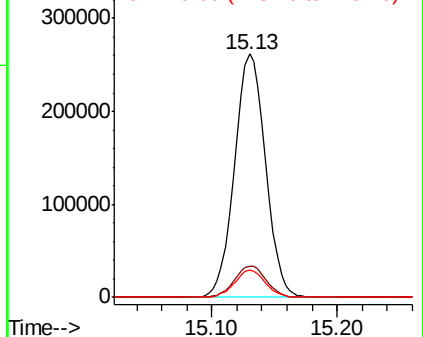
128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.319 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056676.D

Acq: 11 Jul 2019 19:38

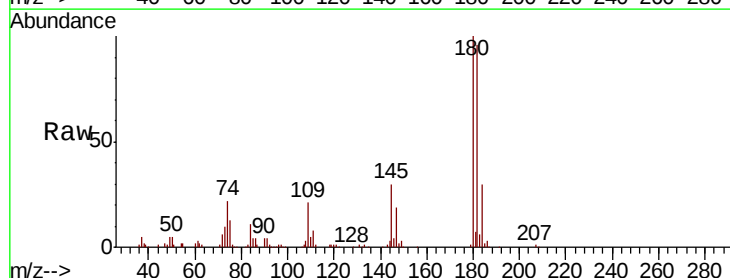
Tgt Ion:180 Resp: 171982

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

145 29.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

