

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056564.D
 Acq On : 1 Jul 2019 11:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 01:06:01 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	329413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	500332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	442205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	187693	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.59	113	165170	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	10.09	98	612731	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	212641	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131459	47.130	ug/l	100
3) Chloromethane	2.06	50	166935	43.954	ug/l	100
4) Vinyl Chloride	2.18	62	169341	46.164	ug/l	99
5) Bromomethane	2.52	94	107997	50.220	ug/l	97
6) Chloroethane	2.68	64	100362	47.245	ug/l	100
7) Trichlorofluoromethane	3.00	101	238019	50.162	ug/l	98
8) Diethyl Ether	3.41	74	99330	49.462	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	154479	51.051	ug/l	99
10) Methyl Iodide	3.95	142	204319	49.958	ug/l	98
11) Tert butyl alcohol	4.80	59	152983	248.790	ug/l	99
12) 1,1-Dichloroethene	3.73	96	140361	48.234	ug/l	99
13) Acrolein	3.60	56	107969	208.332	ug/l	100
14) Allyl chloride	4.32	41	252593	52.145	ug/l	98
15) Acrylonitrile	4.99	53	450837	265.020	ug/l	100
16) Acetone	3.82	43	411343	224.881	ug/l	98
17) Carbon Disulfide	4.05	76	272929	41.236	ug/l	100
18) Methyl Acetate	4.32	43	194232	54.290	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	493934	51.297	ug/l	98
20) Methylene Chloride	4.55	84	174564	50.636	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	152129	48.489	ug/l	94
22) Diisopropyl ether	5.95	45	541750	53.253	ug/l	96
23) Vinyl Acetate	5.89	43	2202511	274.494	ug/l	99
24) 1,1-Dichloroethane	5.84	63	303483	51.969	ug/l	100
25) 2-Butanone	6.83	43	615009	254.041	ug/l	99
26) 2,2-Dichloropropane	6.82	77	215156	52.974	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	185352	50.496	ug/l	98
28) Bromochloromethane	7.19	49	146577	50.745	ug/l	99
29) Tetrahydrofuran	7.21	42	398993	269.695	ug/l	98
30) Chloroform	7.37	83	305288	52.979	ug/l	97
31) Cyclohexane	7.65	56	259529	46.034	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	242074	52.999	ug/l	99
36) 1,1-Dichloropropene	7.79	75	218862	49.698	ug/l	100
37) Ethyl Acetate	6.93	43	236005	54.532	ug/l	100
38) Carbon Tetrachloride	7.77	117	199884	51.904	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	262394	48.288	ug/l	98
40) Benzene	8.04	78	684189	50.508	ug/l	97
41) Methacrylonitrile	7.21	41	344365	180.195	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	229799	51.403	ug/l	100
43) Isopropyl Acetate	8.16	43	361559	54.179	ug/l	100
44) Trichloroethene	8.83	130	184233	50.489	ug/l	100
45) 1,2-Dichloropropane	9.12	63	190625	52.619	ug/l	98
46) Dibromomethane	9.21	93	119124	52.558	ug/l	99
47) Bromodichloromethane	9.40	83	225402	56.073	ug/l	99
48) Methyl methacrylate	9.20	41	177965	53.217	ug/l	98
49) 1,4-Dioxane	9.20	88	75706	1090.885	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1168508	271.289	ug/l	98
52) Toluene	10.15	92	424311	51.234	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	234019	49.984	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	271344	56.054	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	179467	53.911	ug/l	100
56) Ethyl methacrylate	10.43	69	262196	53.894	ug/l	99
57) 1,3-Dichloropropane	10.71	76	299609	53.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	383400	219.367	ug/l	99
59) 2-Hexanone	10.75	43	813027	256.826	ug/l	100
60) Dibromochloromethane	10.90	129	176765	51.581	ug/l	98
61) 1,2-Dibromoethane	11.00	107	181724	53.448	ug/l	100
64) Tetrachloroethene	10.63	164	181958	51.960	ug/l	99
65) Chlorobenzene	11.43	112	452126	50.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	169821	56.549	ug/l	99
67) Ethyl Benzene	11.51	91	804343	51.555	ug/l	100
68) m/p-Xylenes	11.62	106	600224	104.977	ug/l	100
69) o-Xylene	11.95	106	292545	51.717	ug/l	100
70) Styrene	11.96	104	494016	54.637	ug/l	99
71) Bromoform	12.13	173	123844	51.048	ug/l #	99
73) Isopropylbenzene	12.25	105	790483	55.122	ug/l	100
74) N-amyl acetate	12.07	43	295361	48.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	249637	56.338	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	294377	73.986	ug/l #	100
77) Bromobenzene	12.53	156	204220	47.597	ug/l	97
78) n-propylbenzene	12.59	91	857790	48.815	ug/l	100
79) 2-Chlorotoluene	12.67	91	524135	54.630	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	651847	54.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	61837	55.237	ug/l	94
82) 4-Chlorotoluene	12.77	91	509338	49.091	ug/l	99
83) tert-Butylbenzene	12.99	119	578273	55.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	619103	47.926	ug/l	100
85) sec-Butylbenzene	13.17	105	751431	48.652	ug/l	100
86) p-Isopropyltoluene	13.29	119	649212	48.979	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	329292	50.643	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	311117	49.405	ug/l	100
89) n-Butylbenzene	13.61	91	472516	47.090	ug/l	100
90) Hexachloroethane	13.87	117	109675	53.073	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	327306	50.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37559	52.899	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

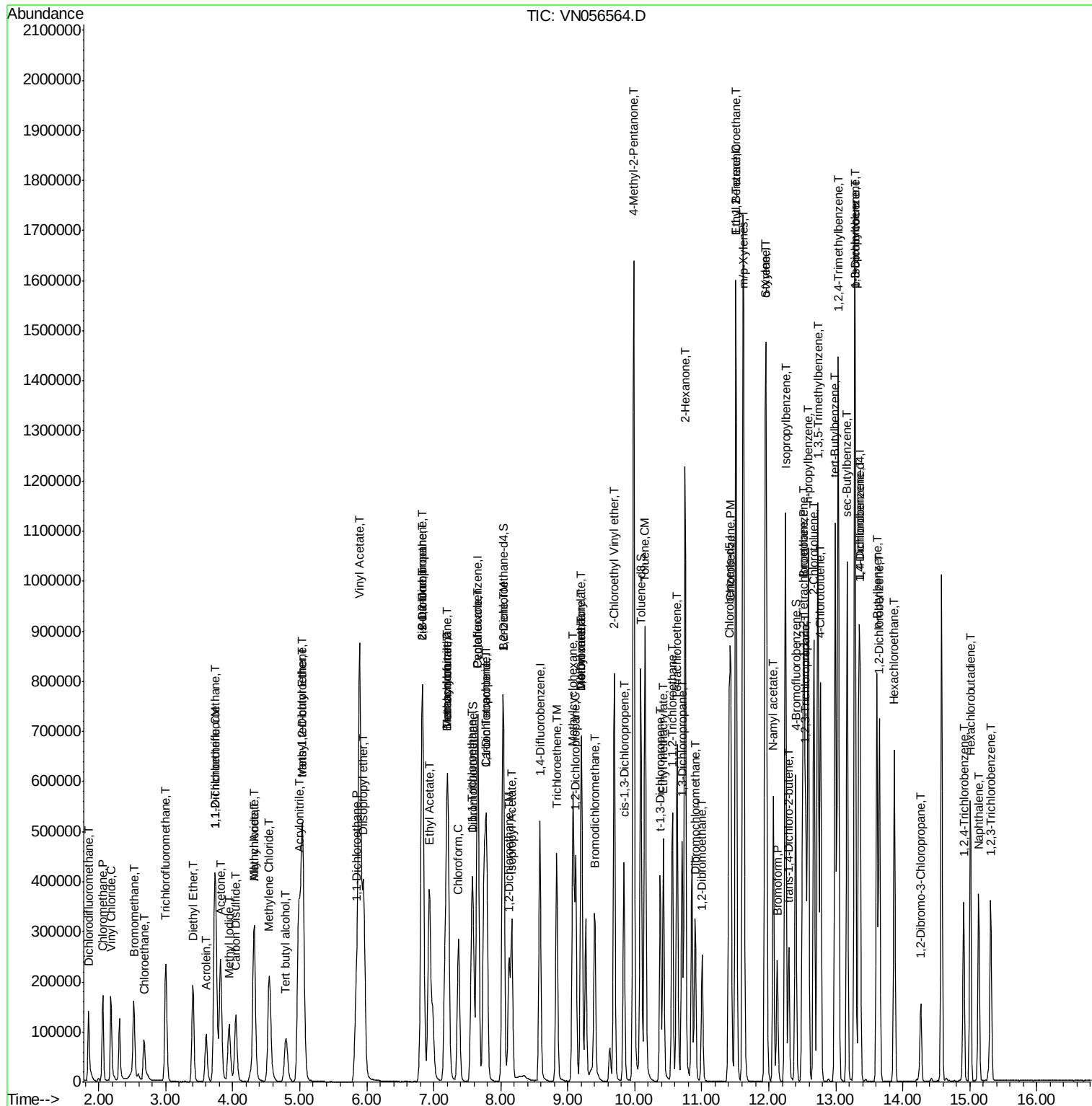
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	123388	38.218	ug/l	98
94) Hexachlorobutadiene	15.01	225	119087	54.646	ug/l	99
95) Naphthalene	15.13	128	329845	38.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137905	40.547	ug/l	100

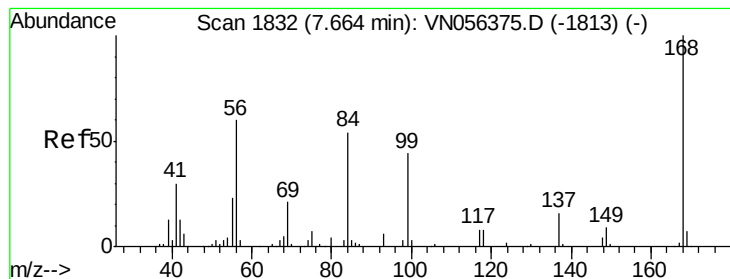
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070119\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

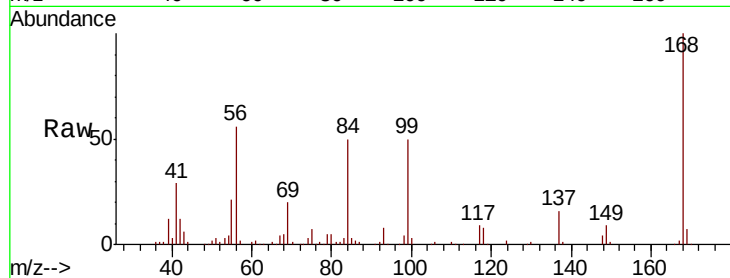
VSTDCCC050

Tot Ion:168 Resp: 329413

Ion Ratio Lower Upper

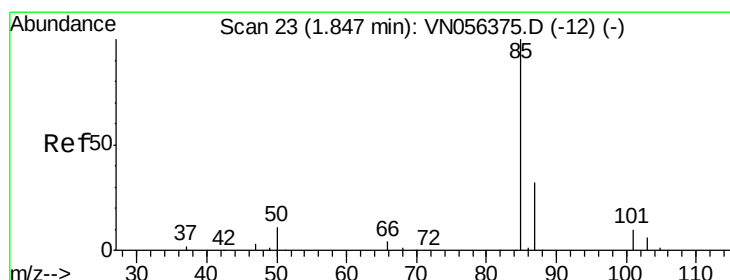
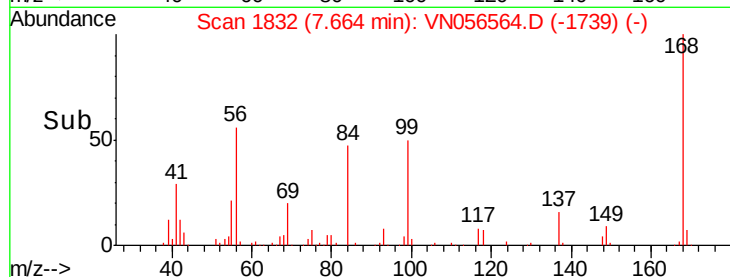
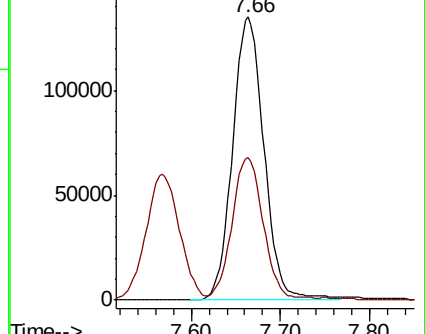
168 100

99 49.8 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: 47.130 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056564.D

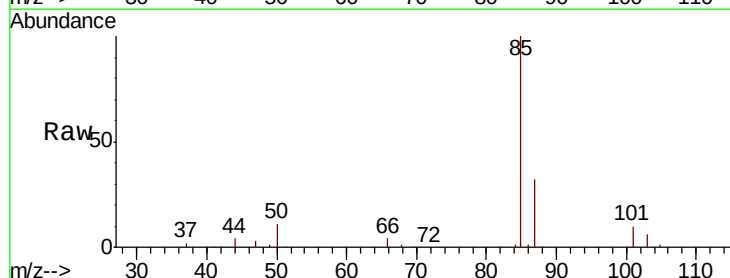
Acq: 1 Jul 2019 11:55

Tgt Ion: 85 Resp: 131459

Ion Ratio Lower Upper

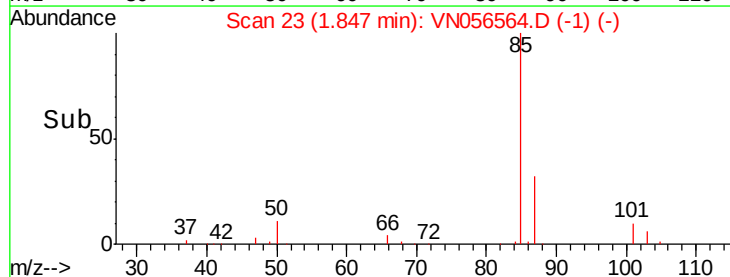
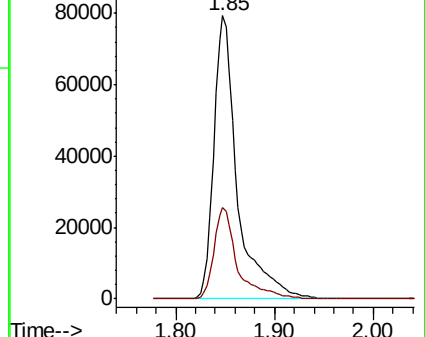
85 100

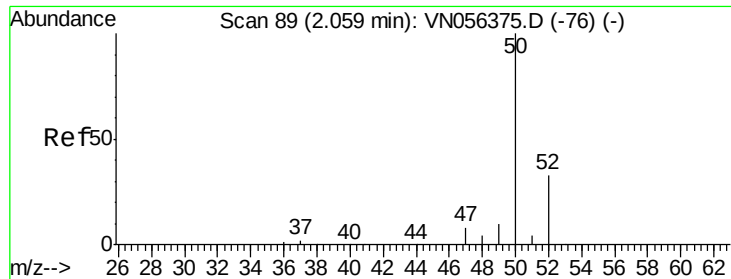
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.954 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

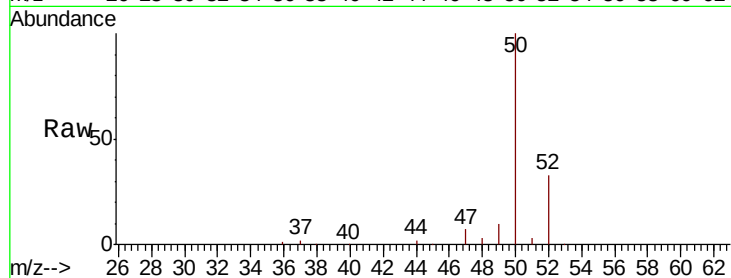
VSTDCCC050

Tot Ion: 50 Resp: 166935

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN056375.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN056375.D (-76) (-)

2.06

120000

100000

80000

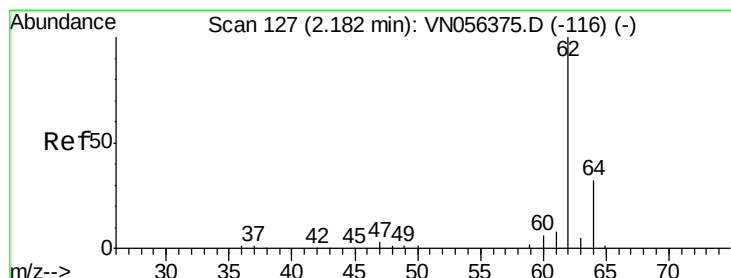
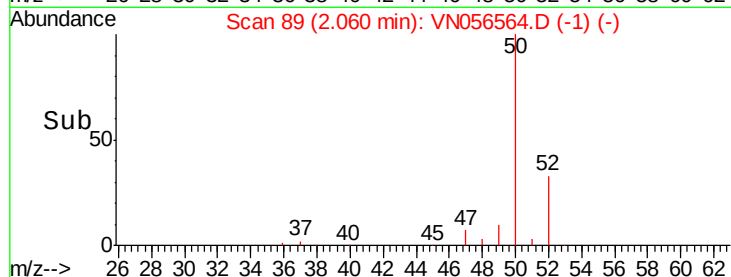
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.164 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056564.D

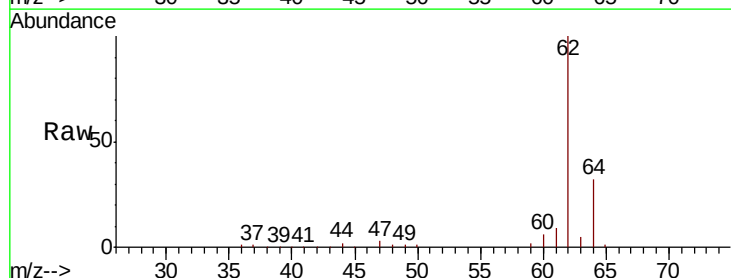
Acq: 1 Jul 2019 11:55

Tgt Ion: 62 Resp: 169341

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN056375.D (-116) (-)

Ion 63.90 (63.60 to 64.60): VN056375.D (-116) (-)

2.18

120000

100000

80000

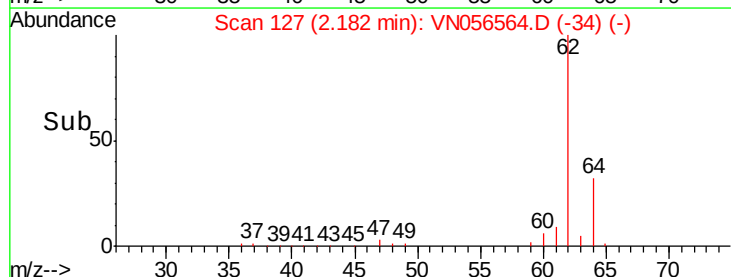
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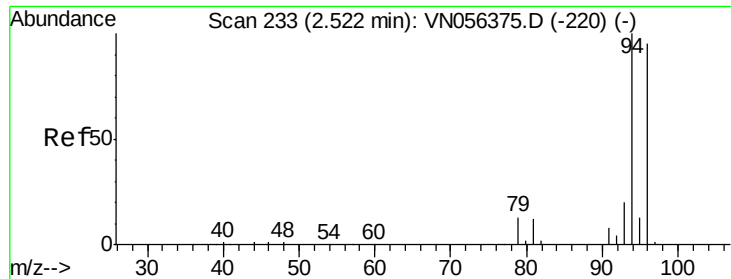
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20000

0

Time-->

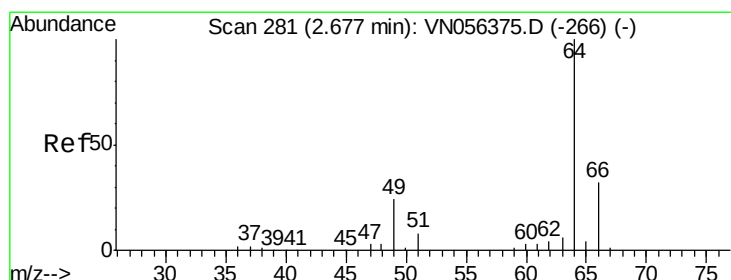
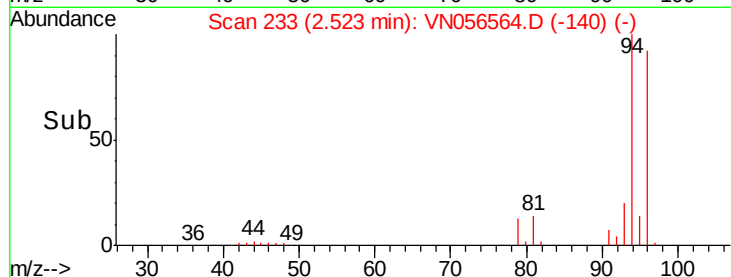
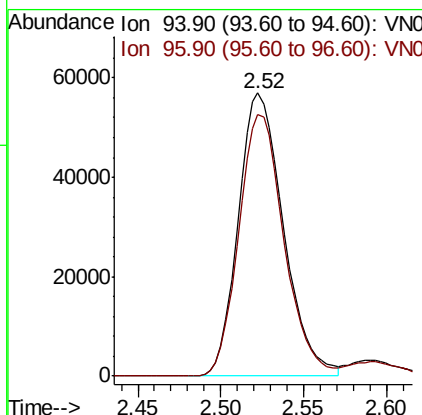
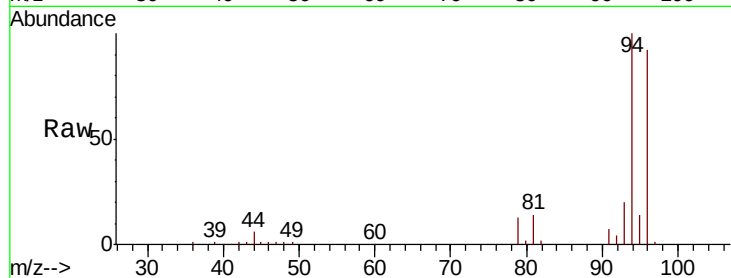




#5
Bromomethane
Concen: 50.220 ug/l
RT: 2.52 min Scan# 233
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

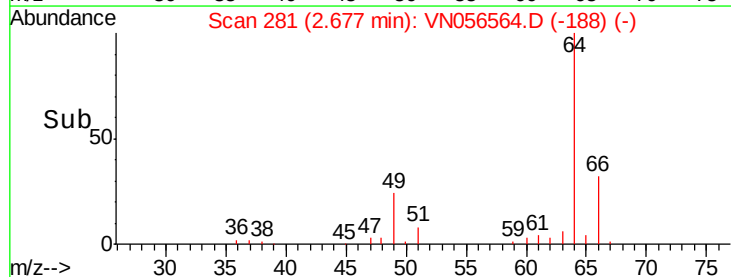
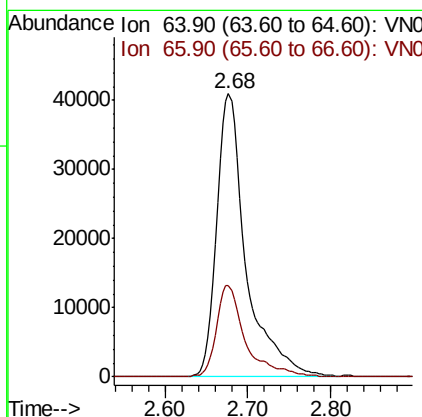
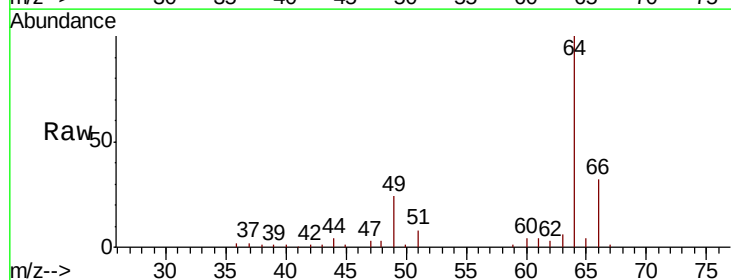
Instrument :
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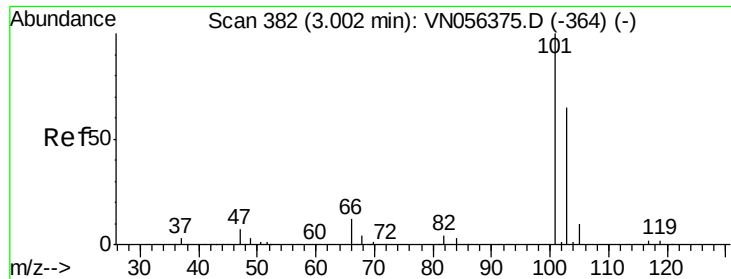
Tot Ion: 94 Resp: 107997
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0



#6
Chloroethane
Concen: 47.245 ug/l
RT: 2.68 min Scan# 281
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 64 Resp: 100362
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8



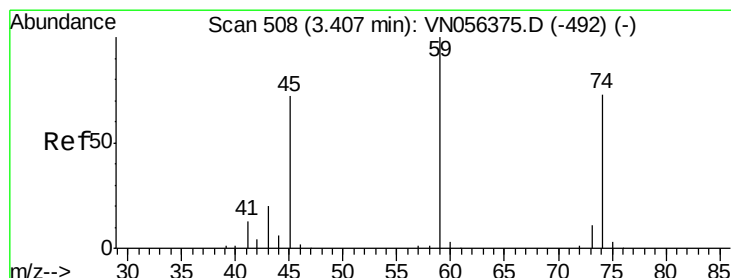
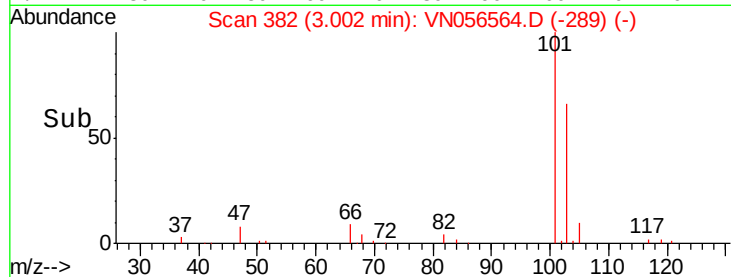
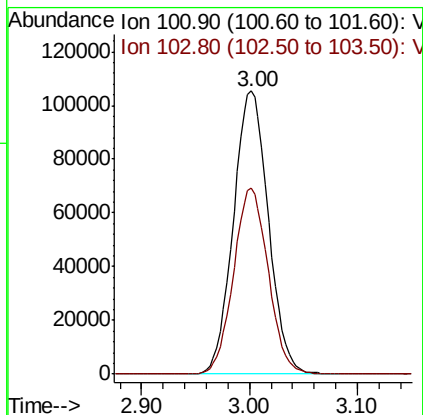
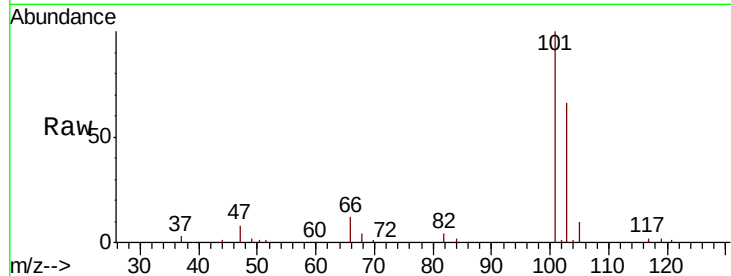


#7

Trichlorofluoromethane
 Concen: 50.162 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

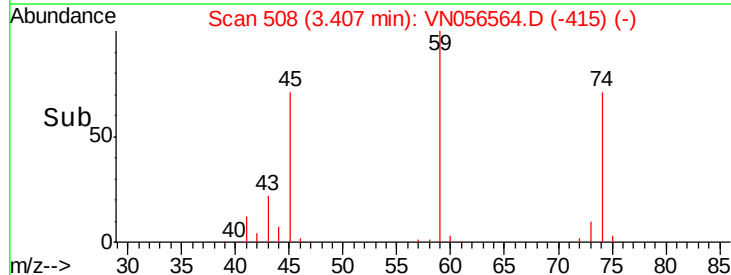
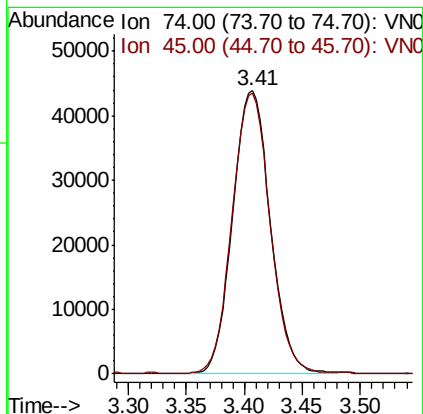
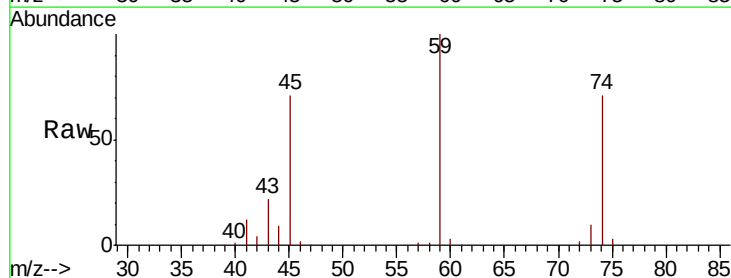
Tot Ion:101 Resp: 238019
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5

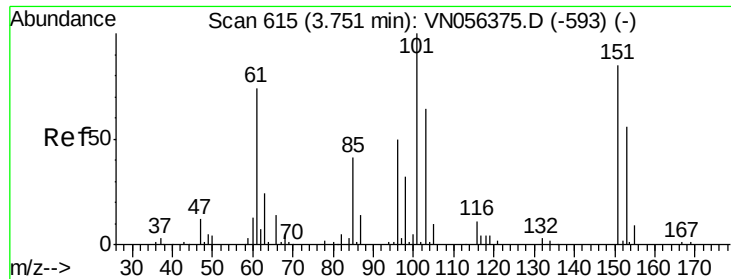


#8

Diethyl Ether
 Concen: 49.462 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 74 Resp: 99330
 Ion Ratio Lower Upper
 74 100
 45 99.7 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.051 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

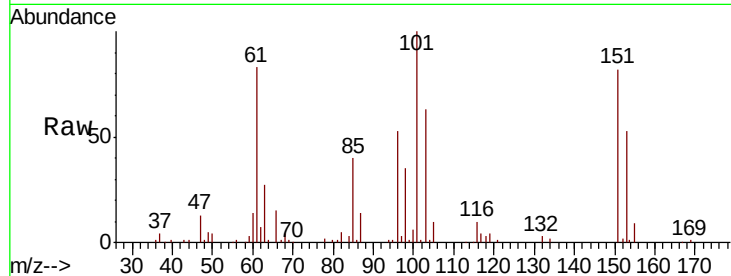
Tot Ion:101 Resp: 154479

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

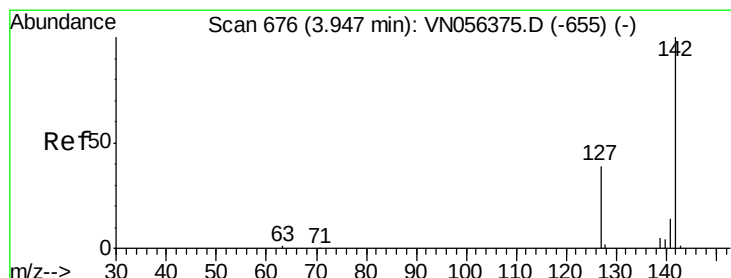
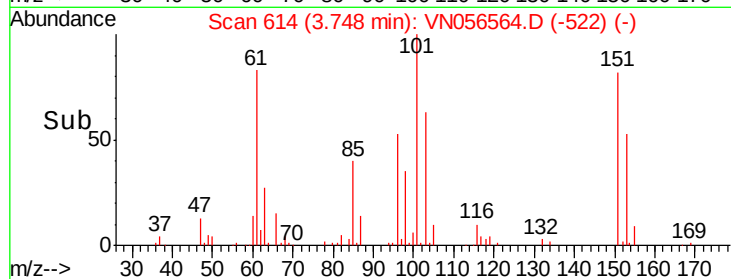
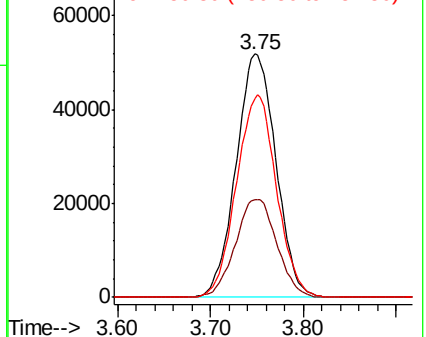
151 83.6 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.958 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

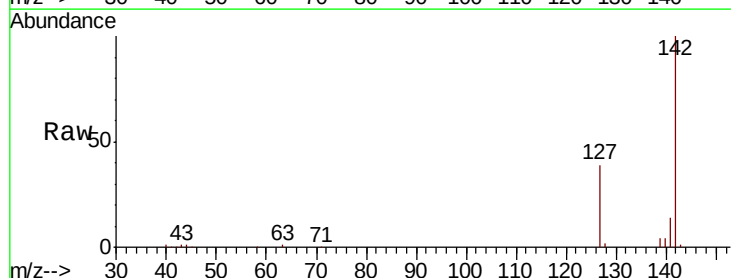
Tgt Ion:142 Resp: 204319

Ion Ratio Lower Upper

142 100

127 39.4 30.6 46.0

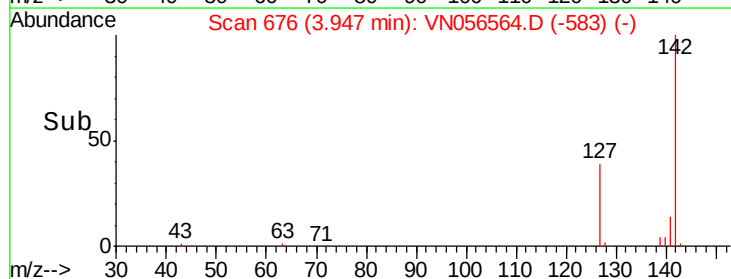
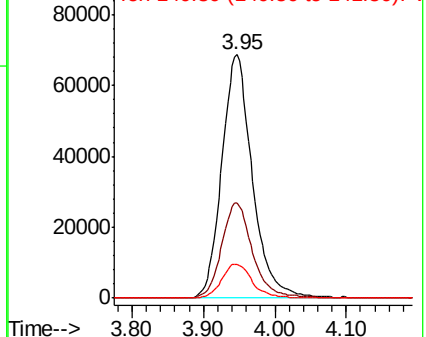
141 14.0 11.4 17.2

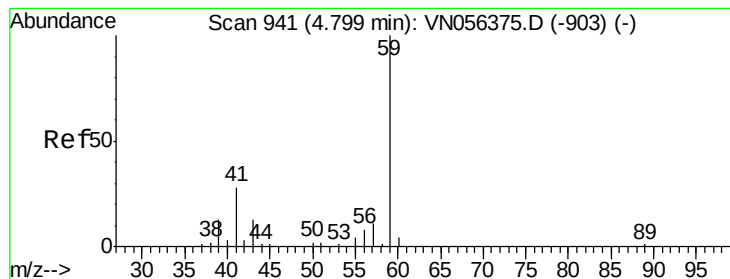


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



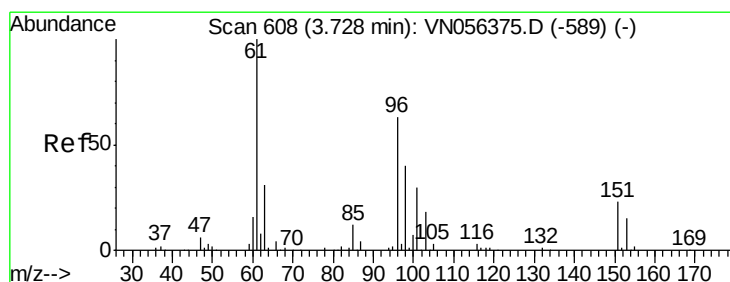
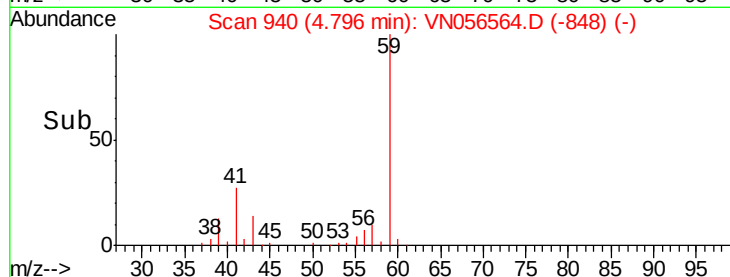
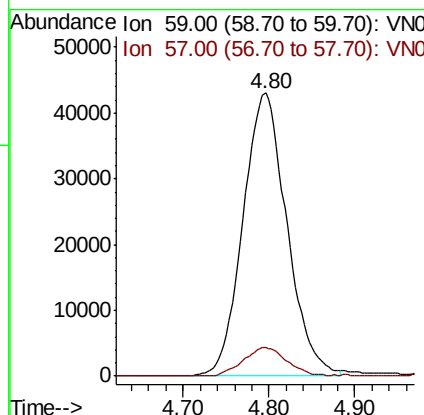
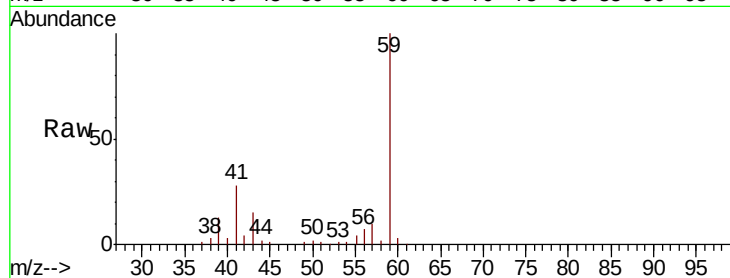


#11

Tert butyl alcohol
 Concen: 248.790 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

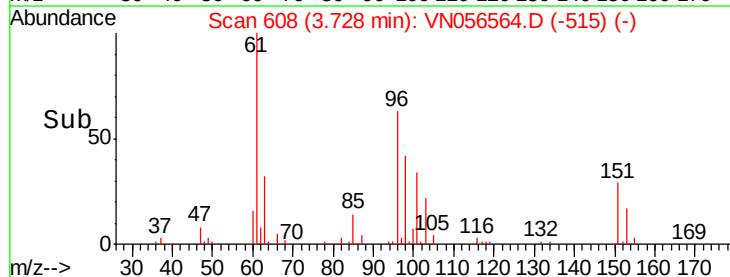
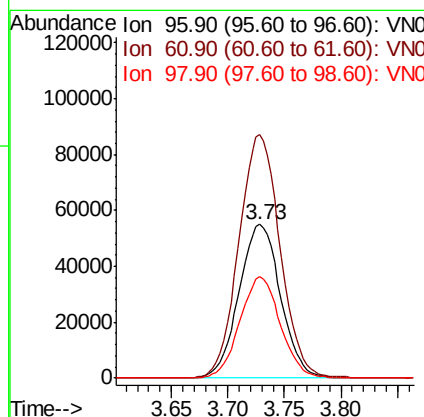
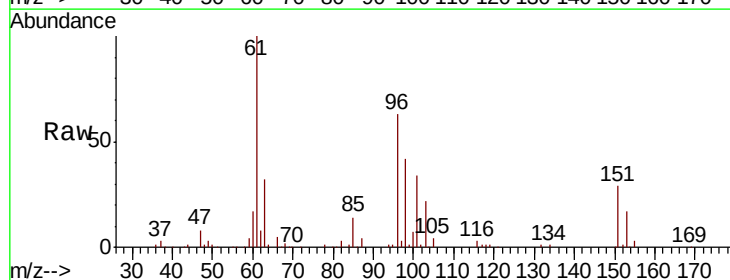
Tot Ion: 59 Resp: 152983
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.6 11.4

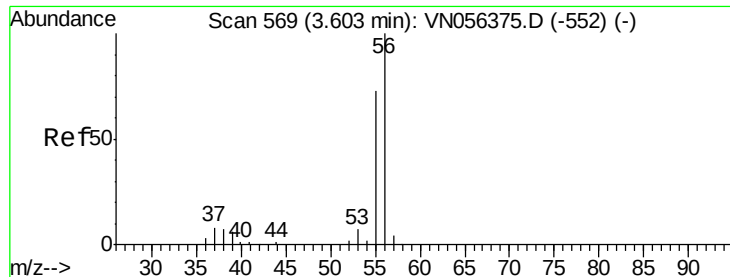


#12

1,1-Dichloroethene
 Concen: 48.234 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 96 Resp: 140361
 Ion Ratio Lower Upper
 96 100
 61 158.3 126.6 190.0
 98 66.0 51.1 76.7

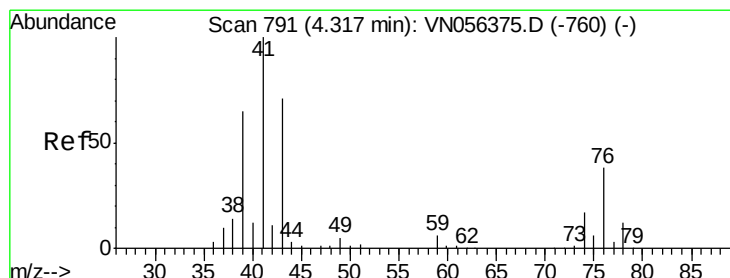
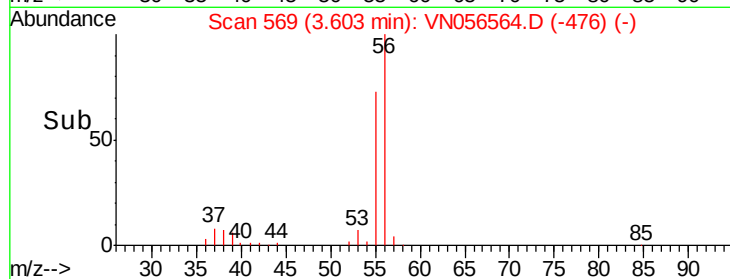
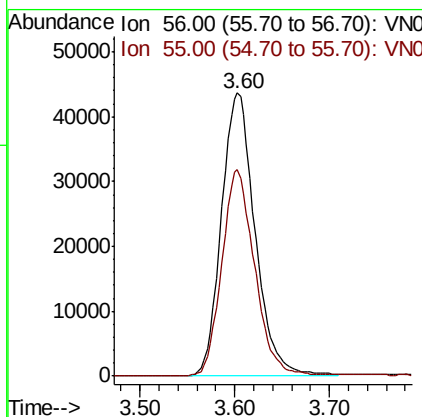
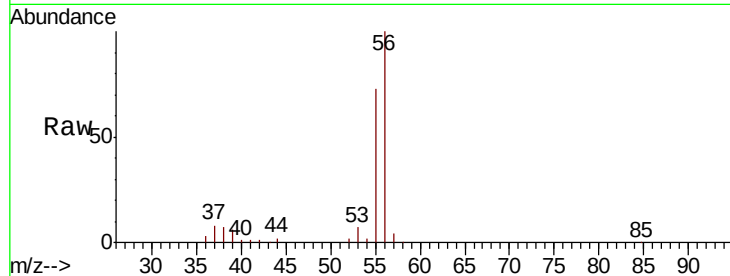




#13
 Acrolein
 Concen: 208.332 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

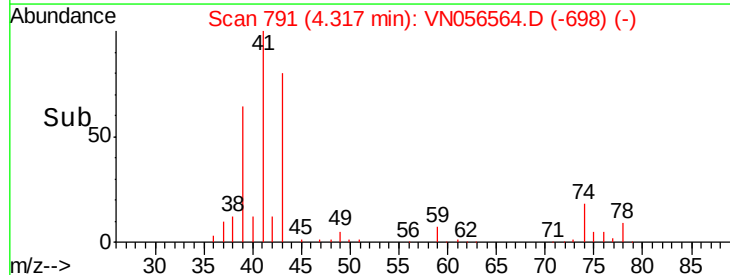
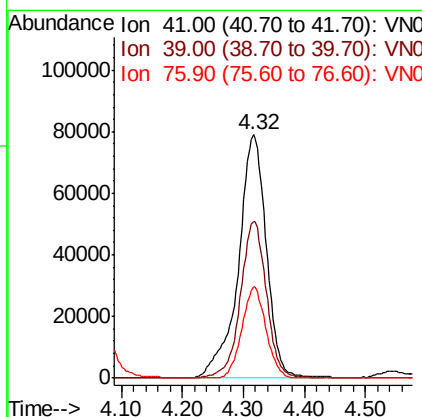
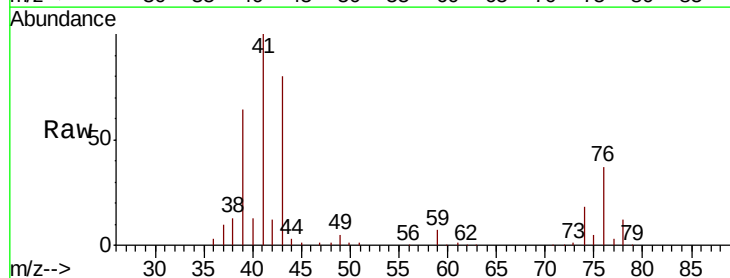
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

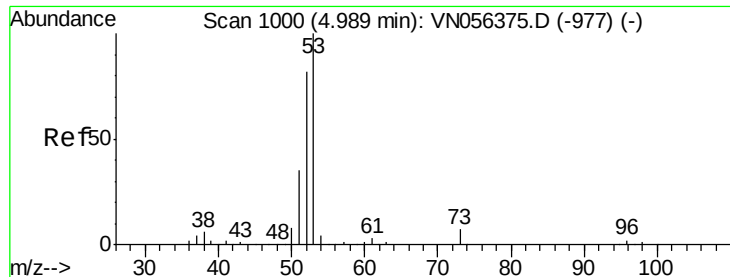
Tot Ion: 56 Resp: 107969
 Ion Ratio Lower Upper
 56 100
 55 71.0 57.1 85.7



#14
 Allyl chloride
 Concen: 52.145 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 41 Resp: 252593
 Ion Ratio Lower Upper
 41 100
 39 59.6 48.6 73.0
 76 32.0 26.6 40.0





#15

Acrylonitrile

Concen: 265.020 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

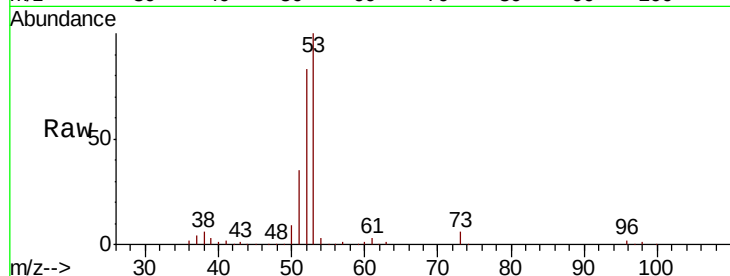
Tot Ion: 53 Resp: 450837

Ion Ratio Lower Upper

53 100

52 82.7 65.9 98.9

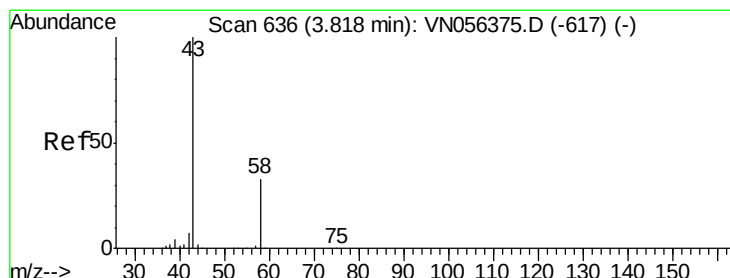
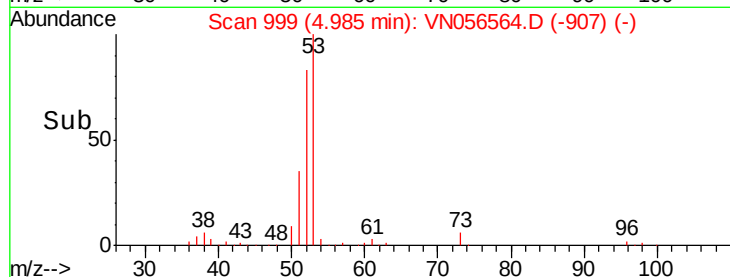
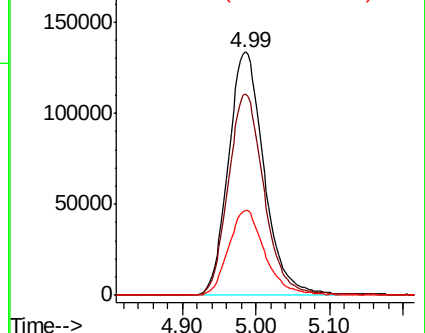
51 35.6 28.3 42.5



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: 224.881 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056564.D

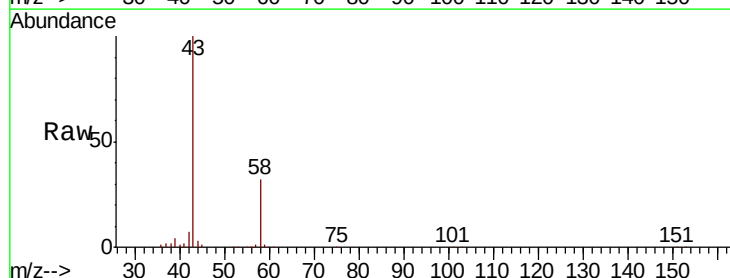
Acq: 1 Jul 2019 11:55

Tgt Ion: 43 Resp: 411343

Ion Ratio Lower Upper

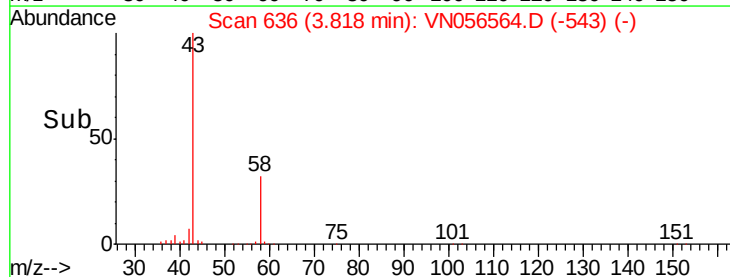
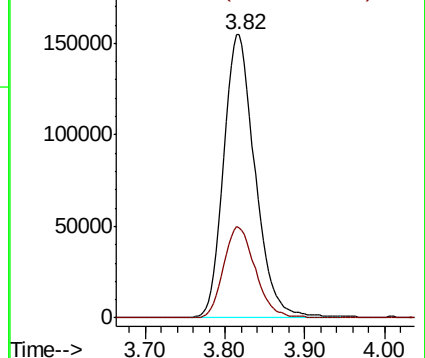
43 100

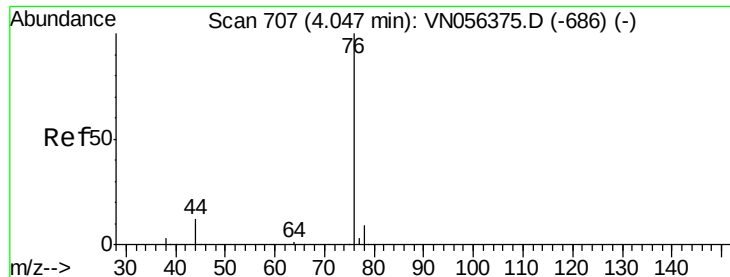
58 31.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 41.236 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

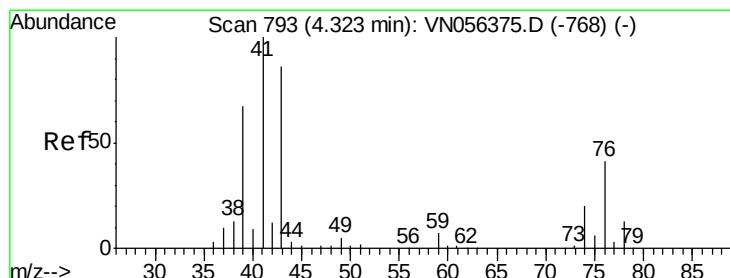
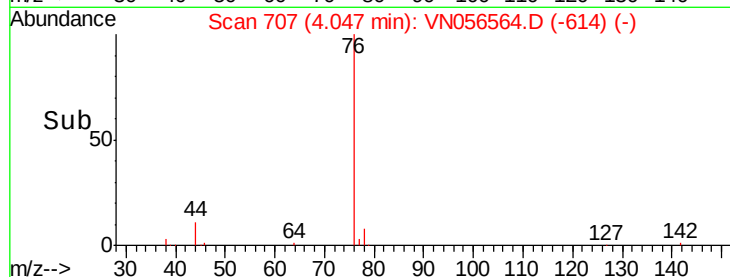
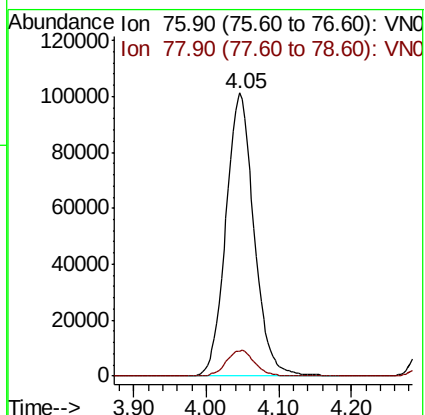
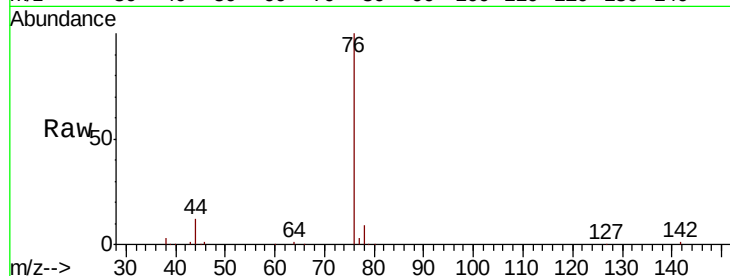
VSTDCCC050

Tot Ion: 76 Resp: 272929

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 54.290 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056564.D

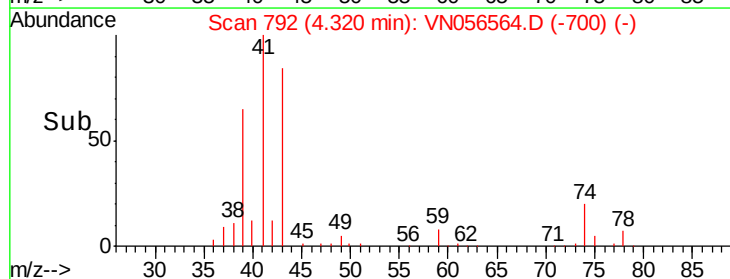
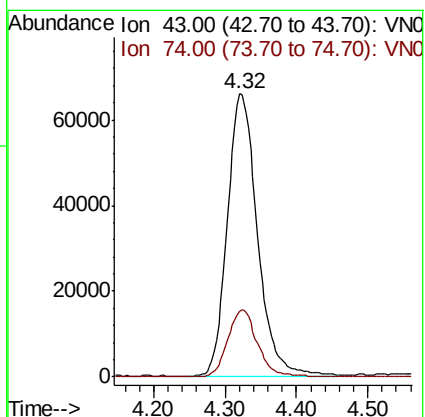
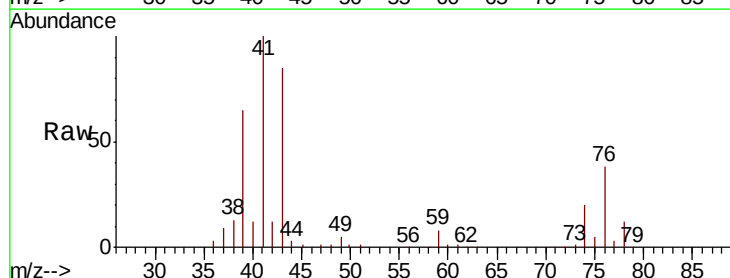
Acq: 1 Jul 2019 11:55

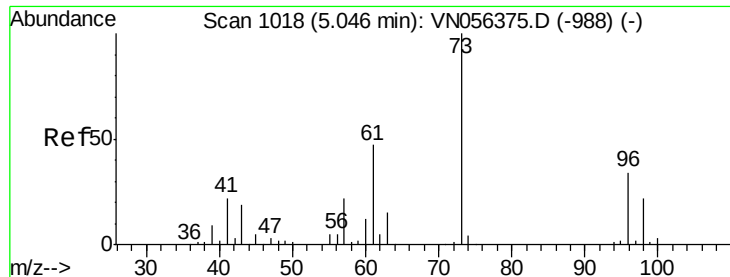
Tgt Ion: 43 Resp: 194232

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8

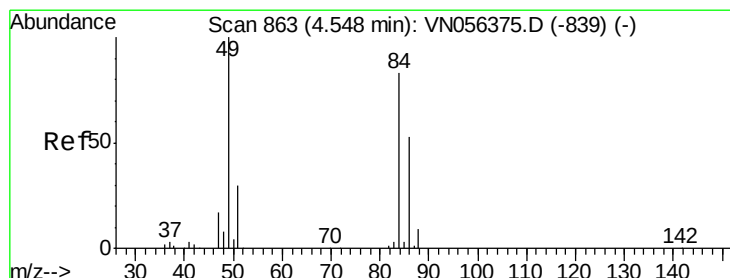
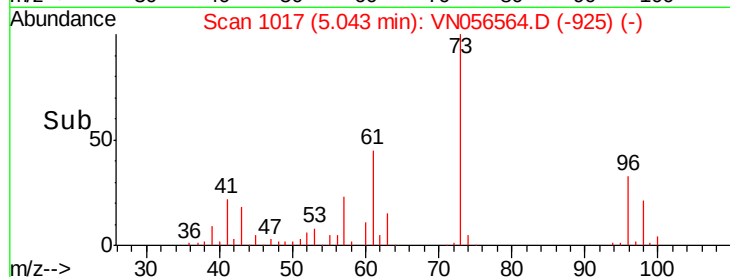
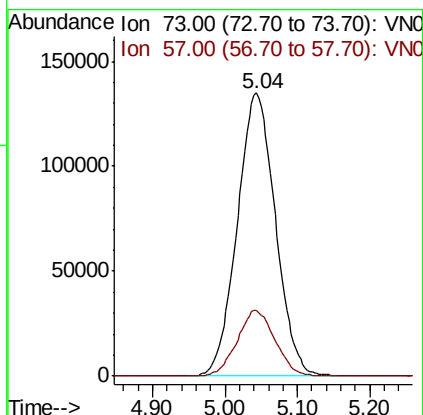
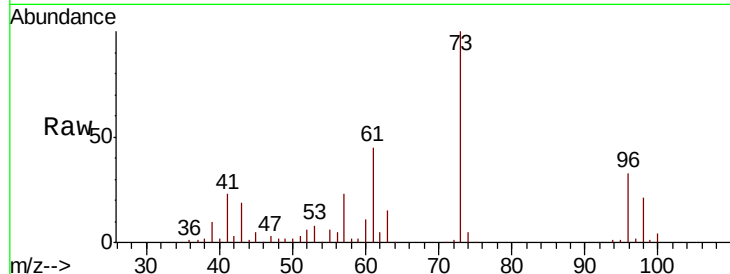




#19
Methyl tert-butyl Ether
Concen: 51.297 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

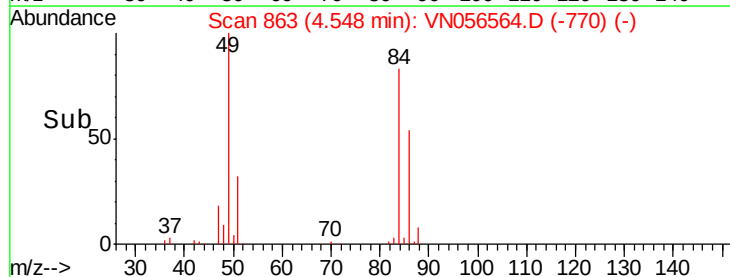
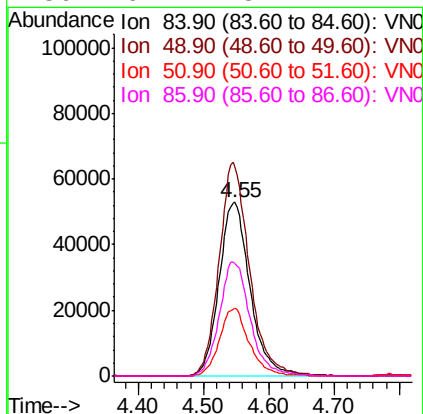
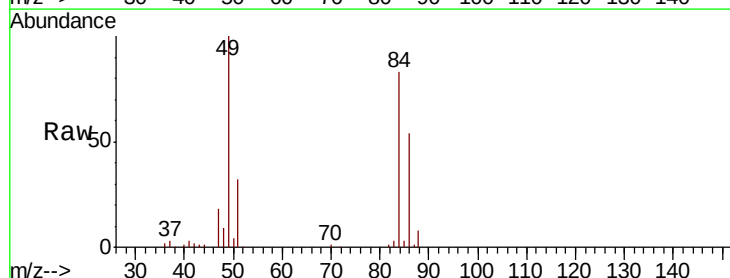
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

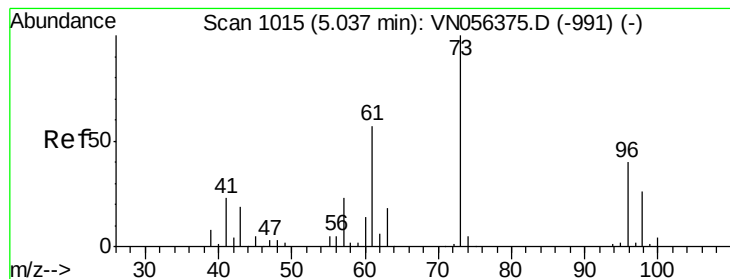
Tot Ion: 73 Resp: 493934
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 50.636 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 84 Resp: 174564
Ion Ratio Lower Upper
84 100
49 120.9 96.4 144.6
51 38.8 28.6 43.0
86 64.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.489 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

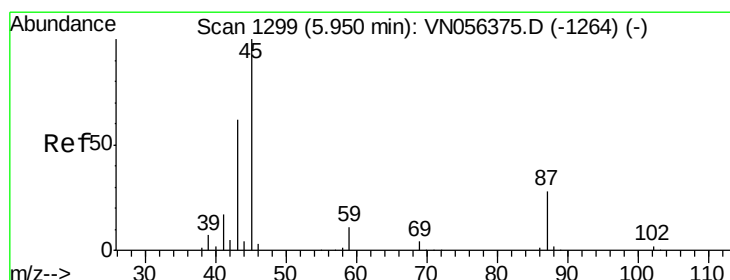
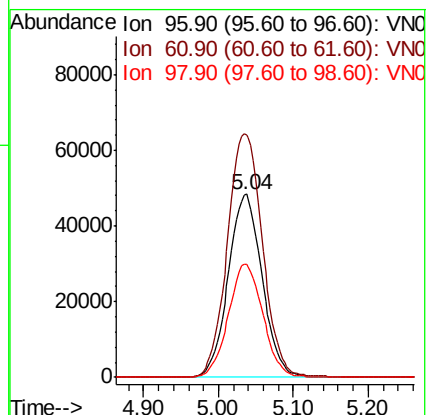
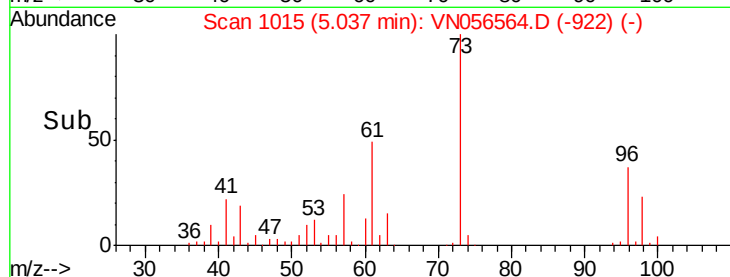
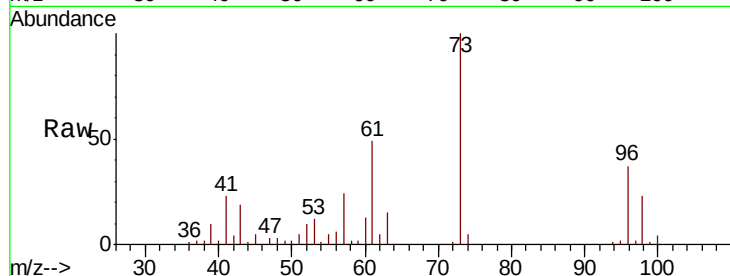
Tot Ion: 96 Resp: 152129

Ion Ratio Lower Upper

96 100

61 132.6 113.0 169.6

98 61.6 52.2 78.2



#22

Diisopropyl ether

Concen: 53.253 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Tgt Ion: 45 Resp: 541750

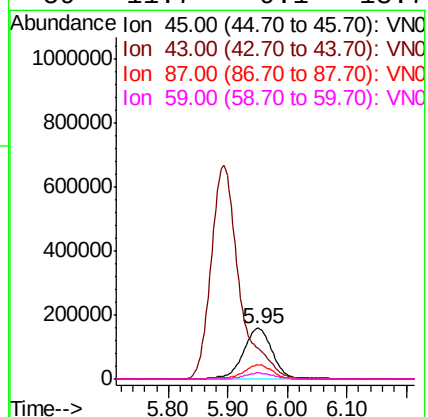
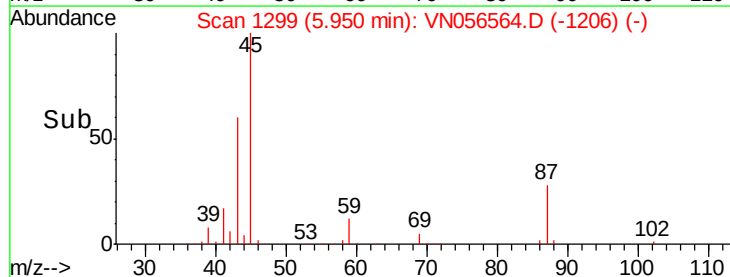
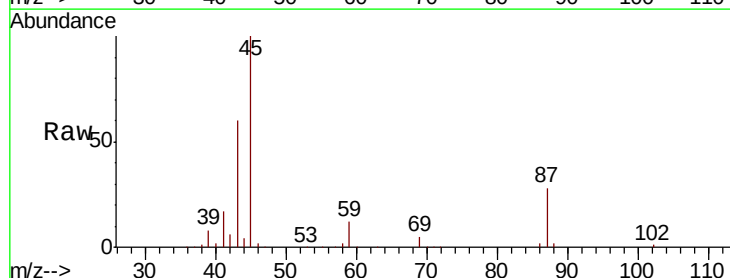
Ion Ratio Lower Upper

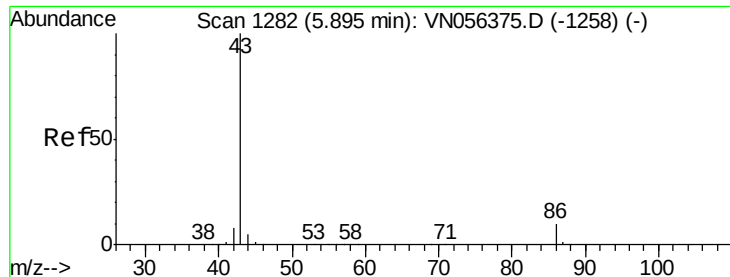
45 100

43 58.8 50.4 75.6

87 27.3 23.0 34.4

59 11.7 9.1 13.7

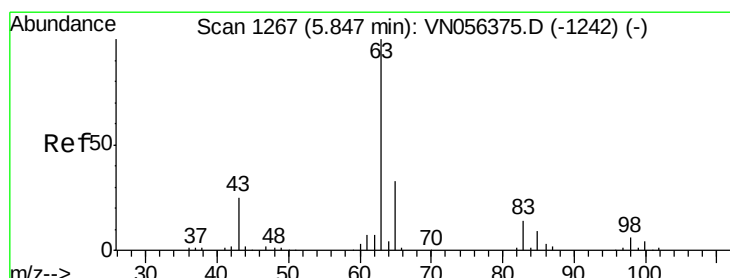
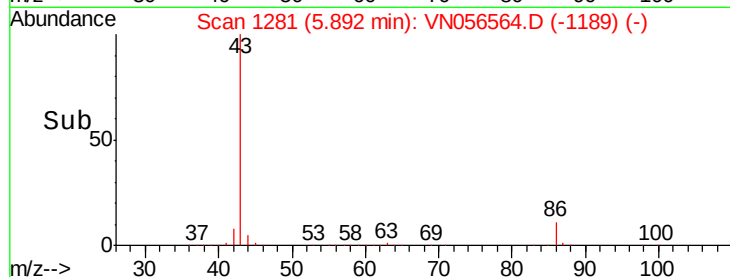
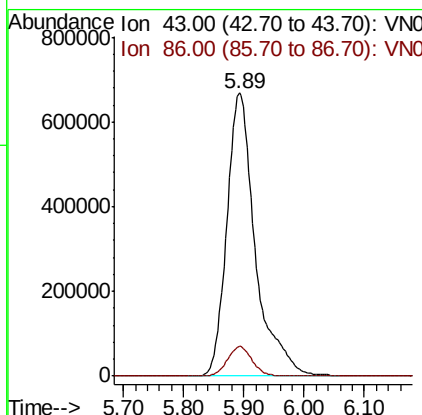
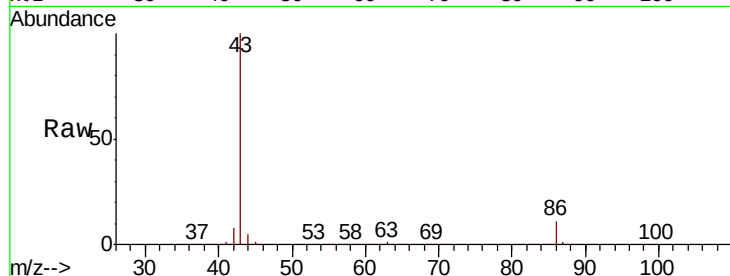




#23
 Vinyl Acetate
 Concen: 274.494 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

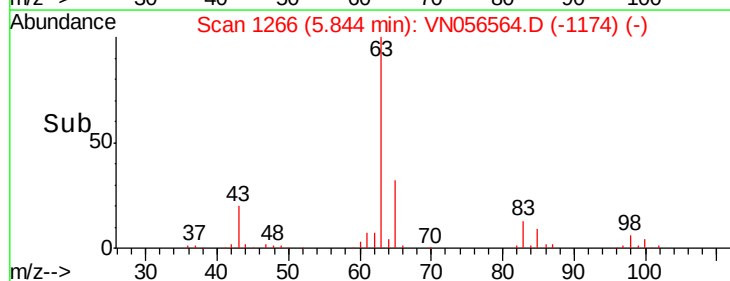
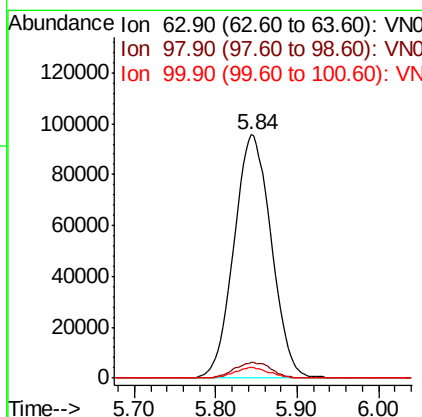
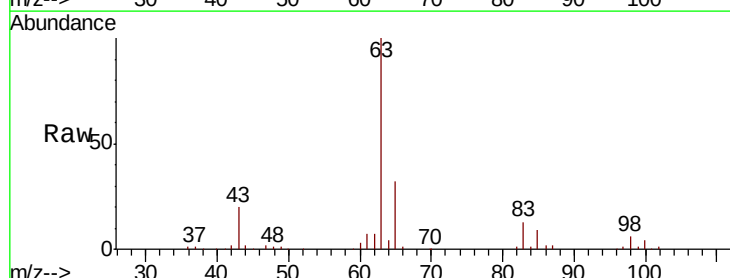
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

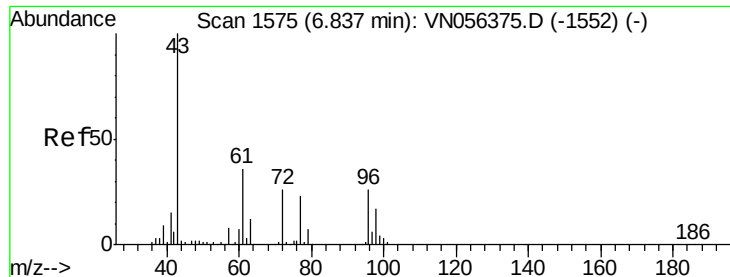
Tot Ion: 43 Resp: 2202511
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.969 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 63 Resp: 303483
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.041 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

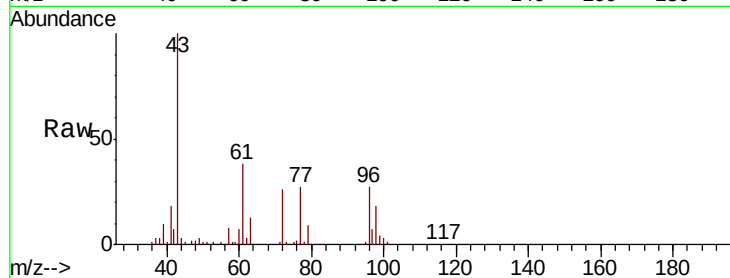
VSTDCCC050

Tot Ion: 43 Resp: 615009

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

100000

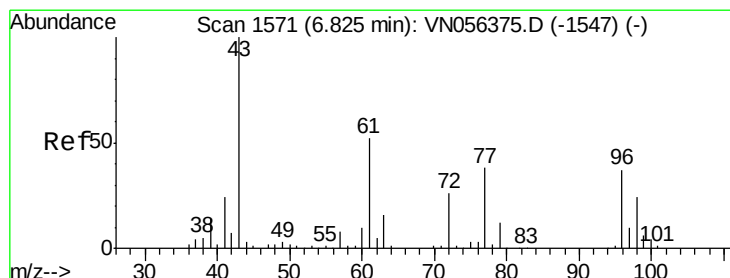
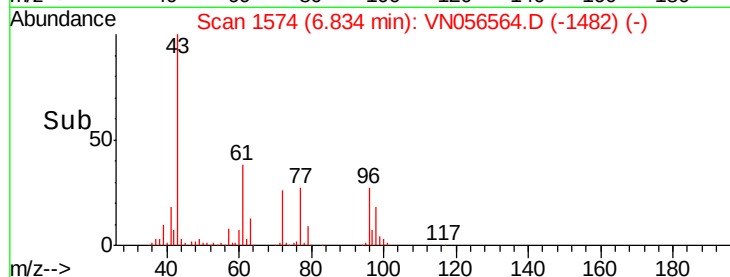
50000

0

6.70 6.80 6.90

6.83

Time-->



#26

2,2-Dichloropropane

Concen: 52.974 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056564.D

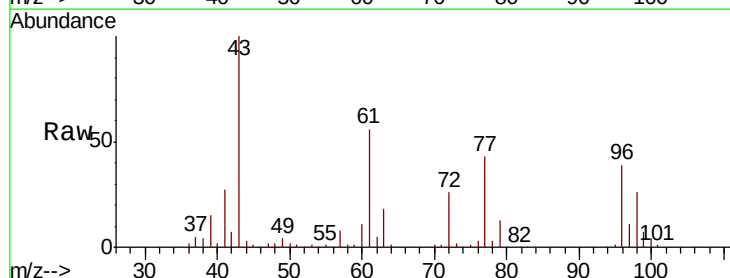
Acq: 1 Jul 2019 11:55

Tgt Ion: 77 Resp: 215156

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

80000

60000

40000

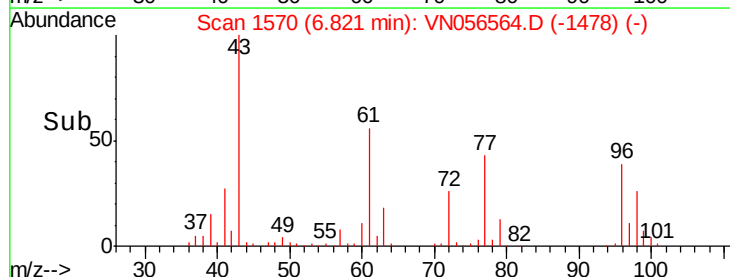
20000

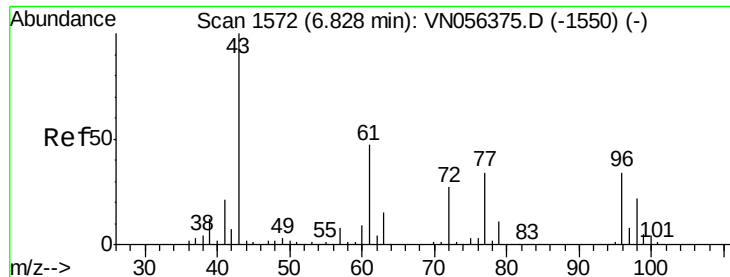
0

6.70 6.80 6.90

6.82

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.496 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

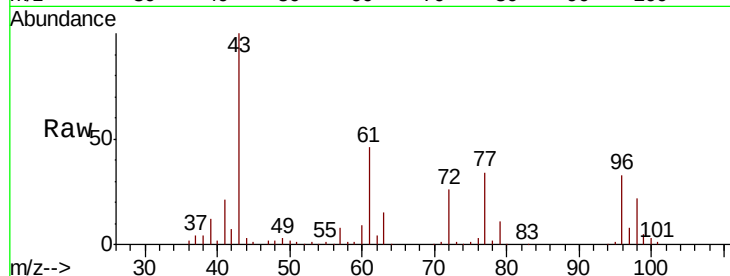
Tot Ion: 96 Resp: 185352

Ion Ratio Lower Upper

96 100

61 143.3 0.0 279.8

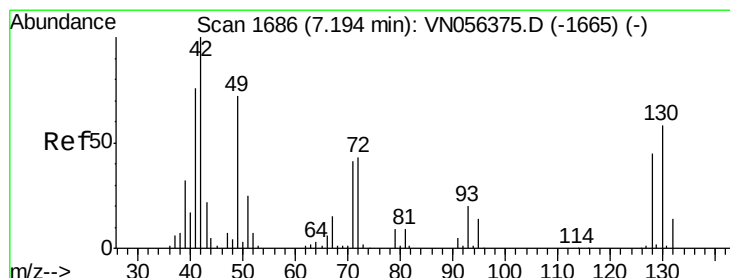
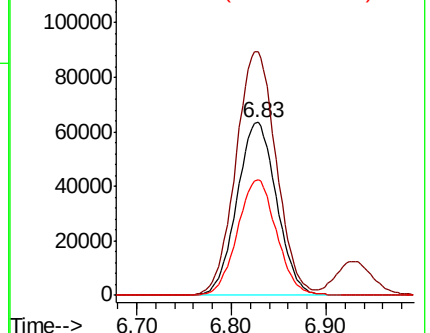
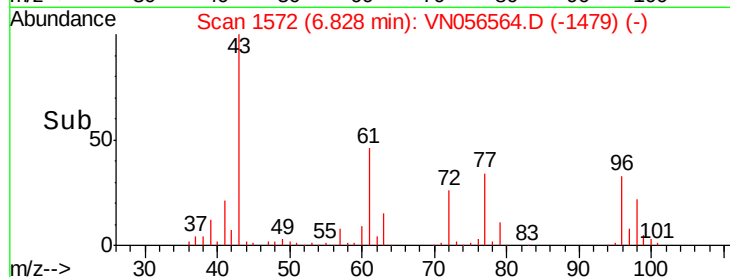
98 65.9 0.0 130.0



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: 50.745 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

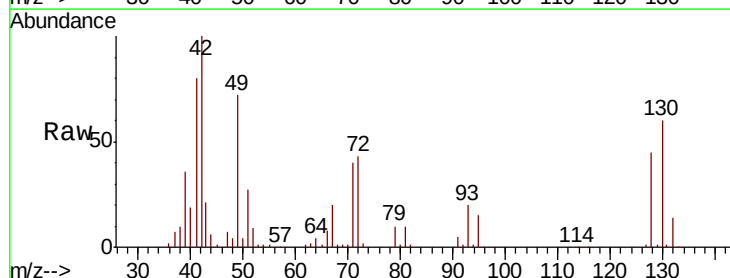
Tgt Ion: 49 Resp: 146577

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

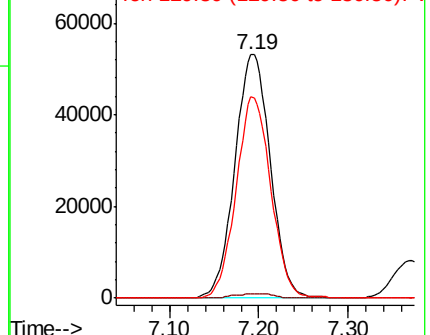
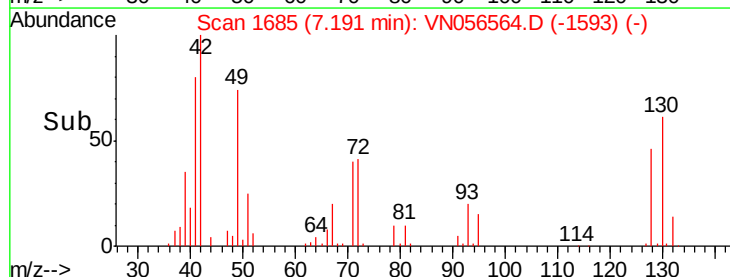
130 80.6 64.9 97.3

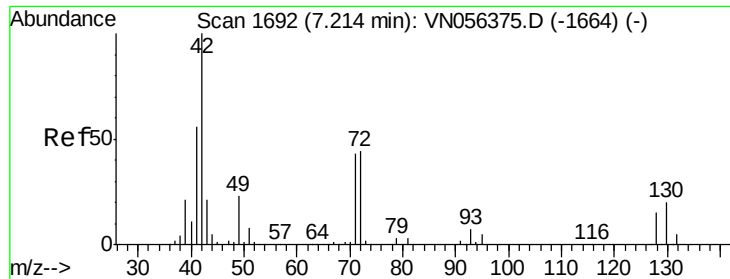


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 269.695 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

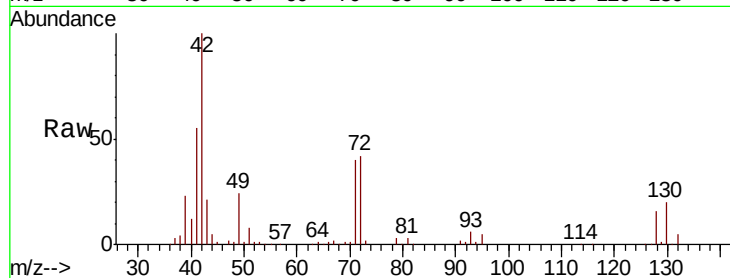
Tot Ion: 42 Resp: 398993

Ion Ratio Lower Upper

42 100

72 42.2 34.7 52.1

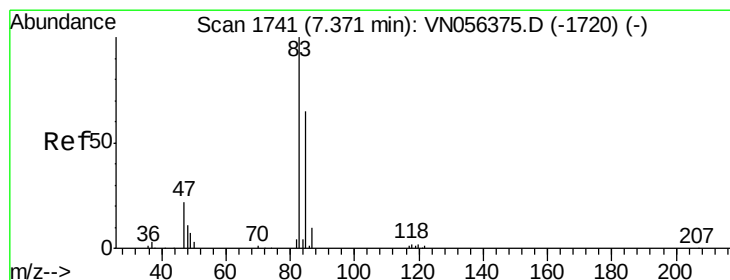
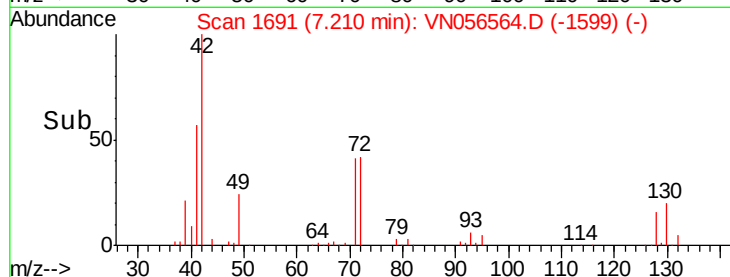
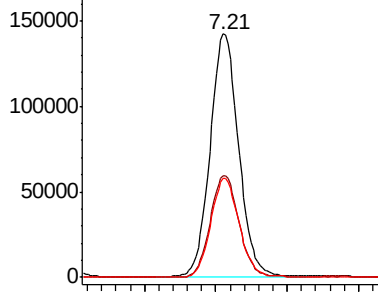
71 40.0 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.979 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN056564.D

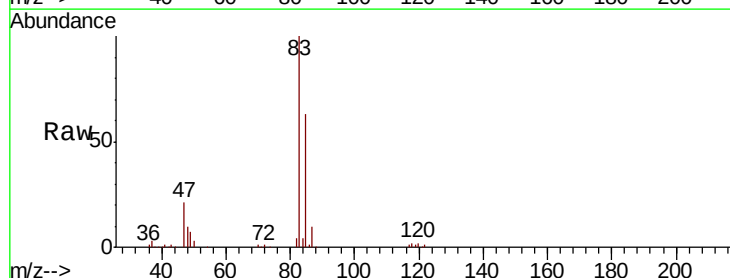
Acq: 1 Jul 2019 11:55

Tgt Ion: 83 Resp: 305288

Ion Ratio Lower Upper

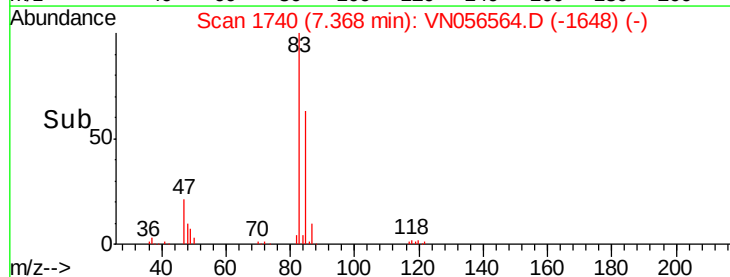
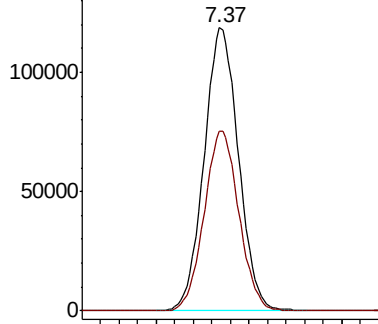
83 100

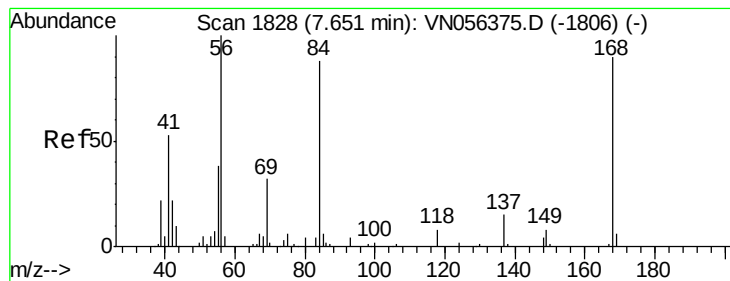
85 63.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.034 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

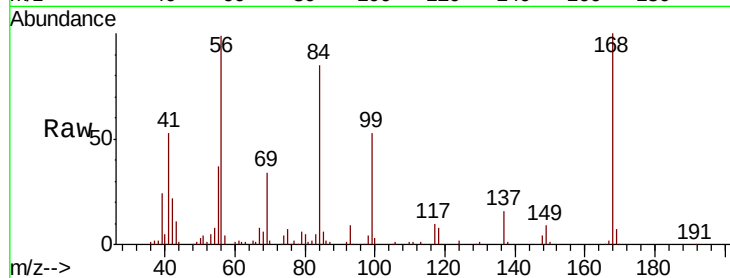
Tot Ion: 56 Resp: 259529

Ion Ratio Lower Upper

56 100

69 33.5 25.8 38.6

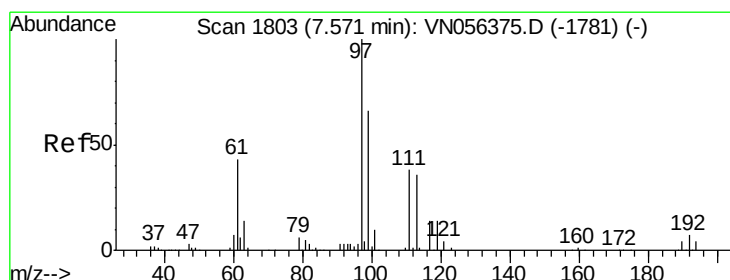
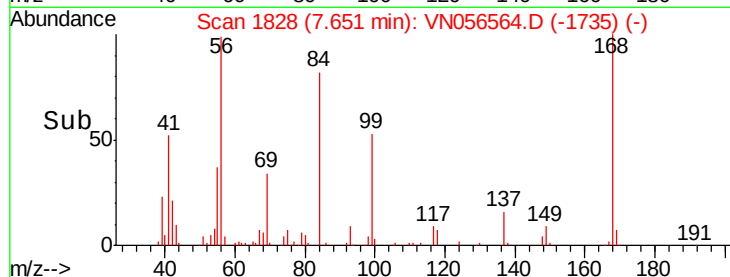
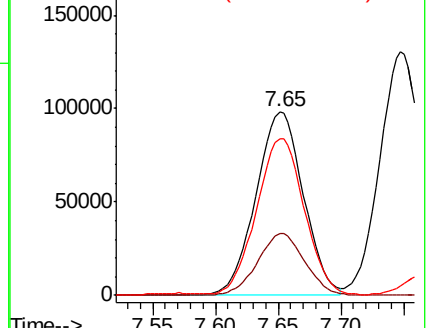
84 84.5 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN056375.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN056375.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 52.999 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

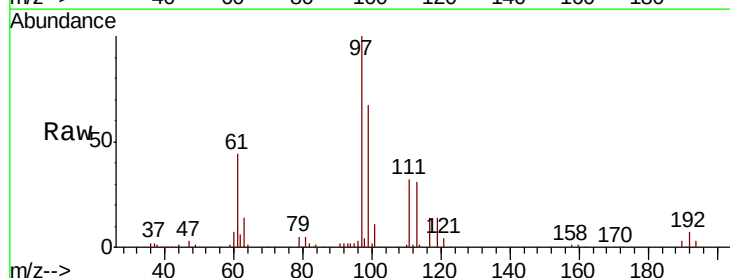
Tgt Ion: 97 Resp: 242074

Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

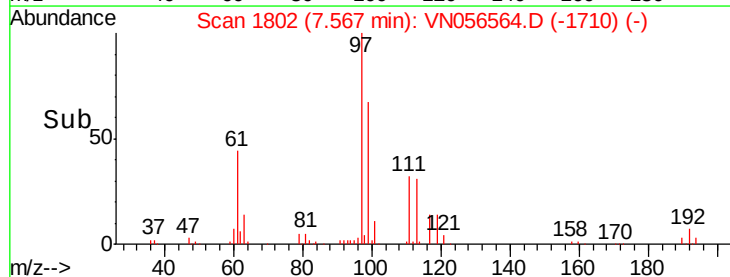
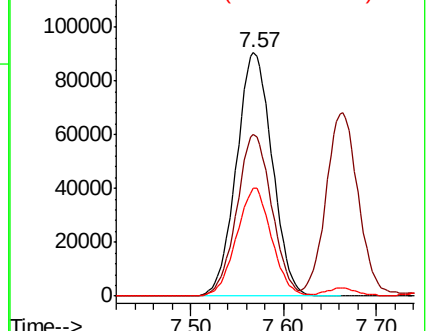
61 43.4 33.9 50.9

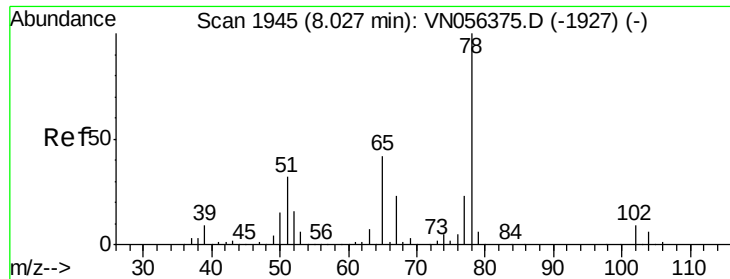


Abundance Ion 96.90 (96.60 to 97.60): VN056375.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN056375.D (-1781) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.410 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

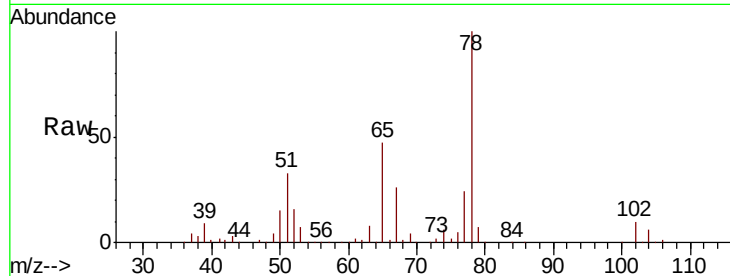
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 187693

Ion Ratio Lower Upper

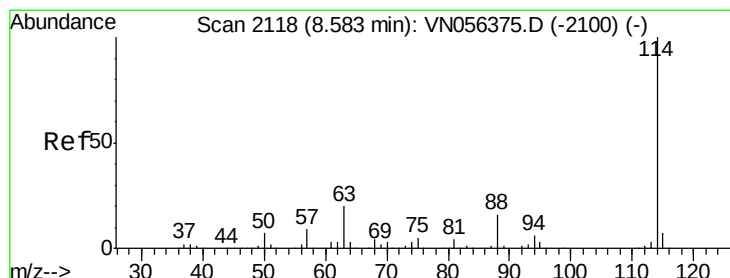
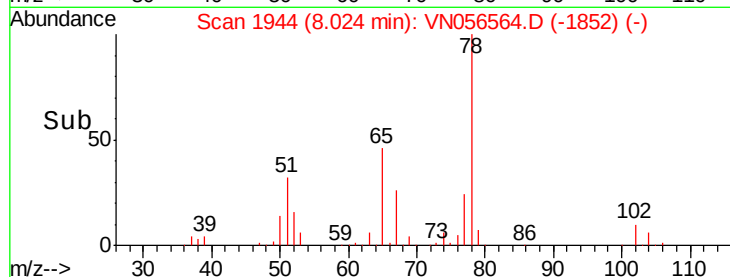
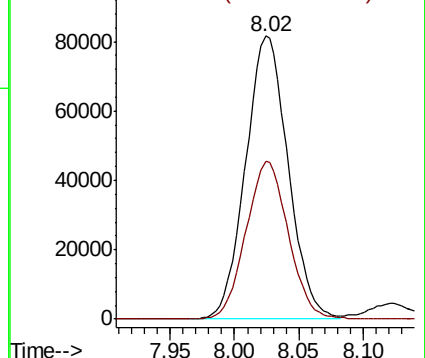
65 100

67 55.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

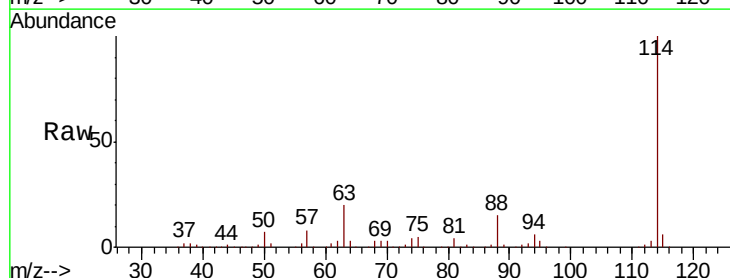
Tgt Ion:114 Resp: 500332

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

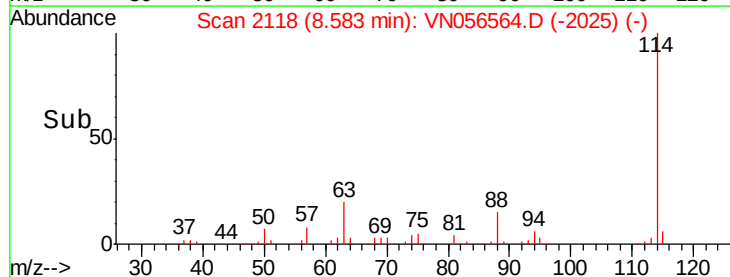
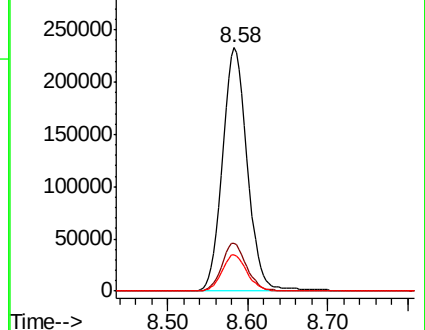
88 15.0 0.0 31.4

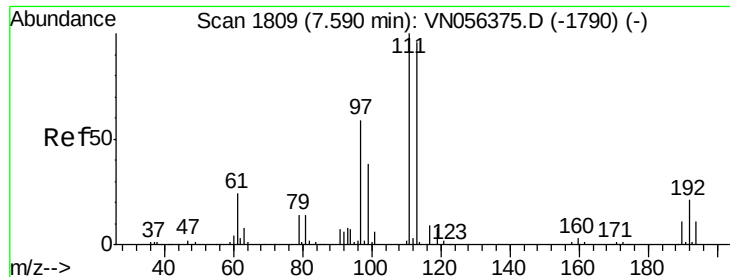


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

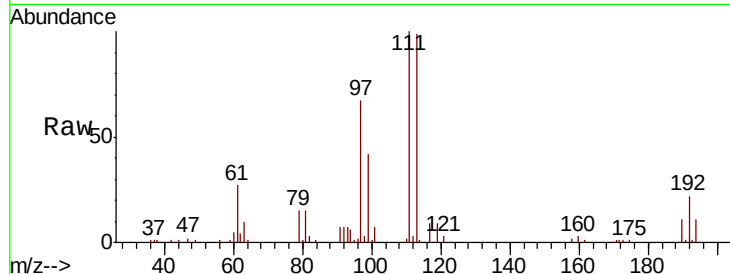




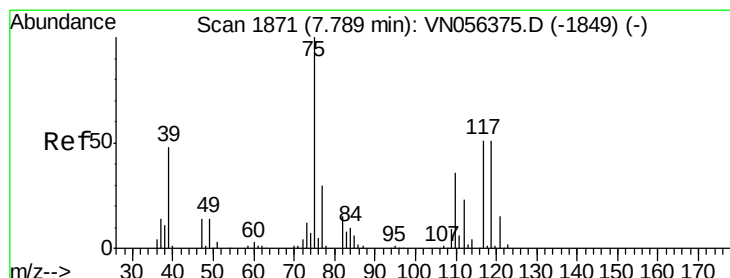
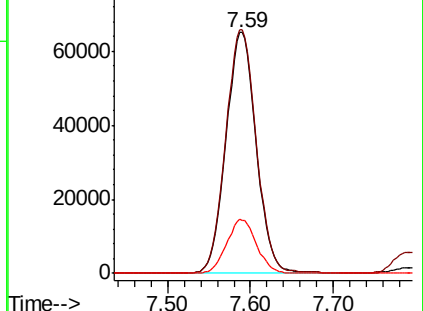
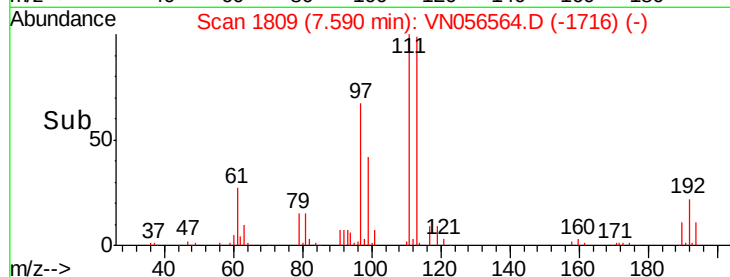
#35
 Dibromofluoromethane
 Concen: 52.918 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	22.0	17.7	26.5

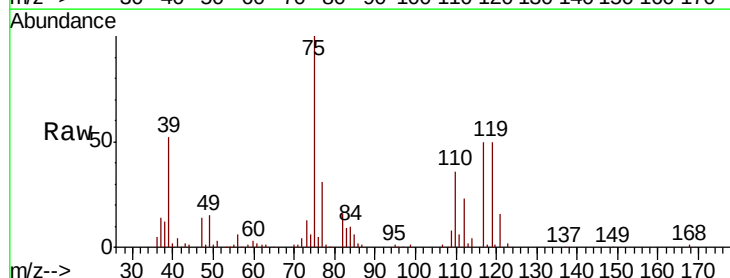


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

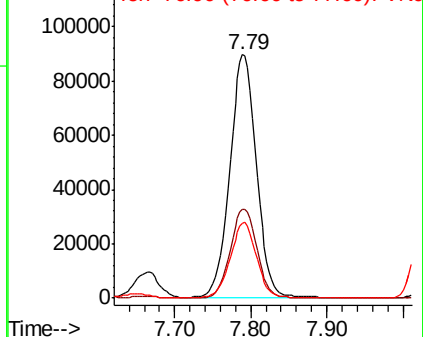
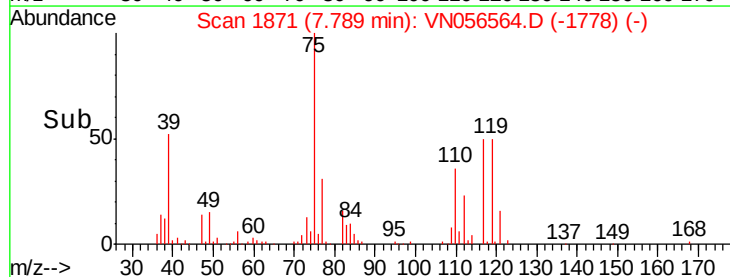


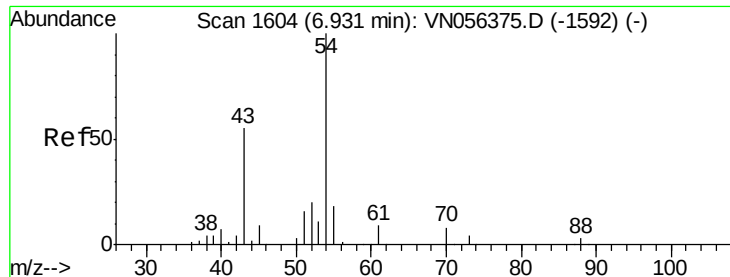
#36
 1,1-Dichloropropene
 Concen: 49.698 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.3
77	30.7	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

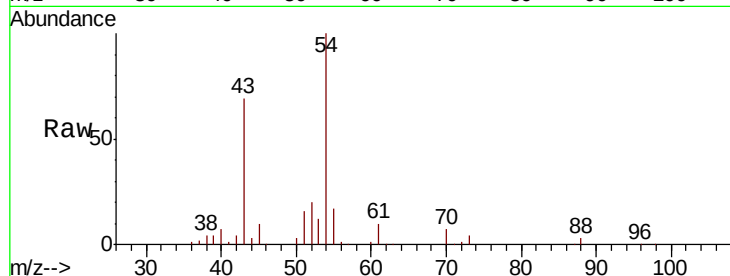




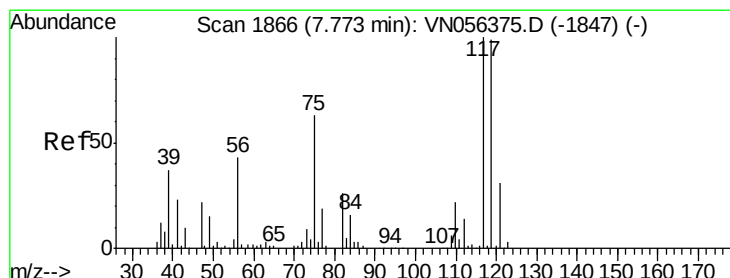
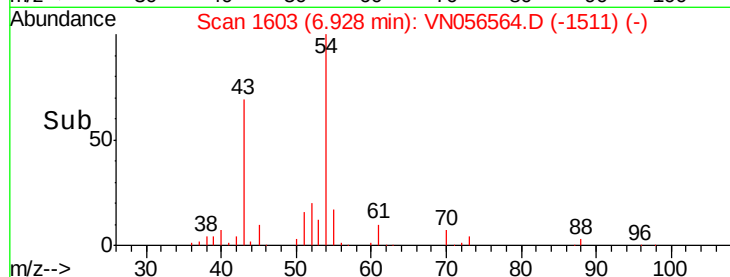
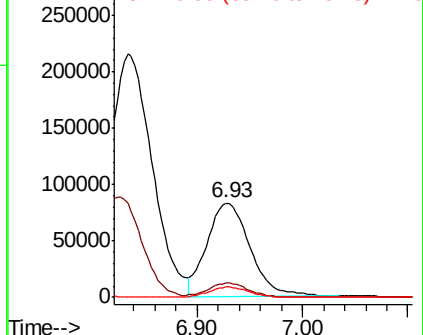
#37
Ethyl Acetate
Concen: 54.532 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 236005
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.4 8.3 12.5

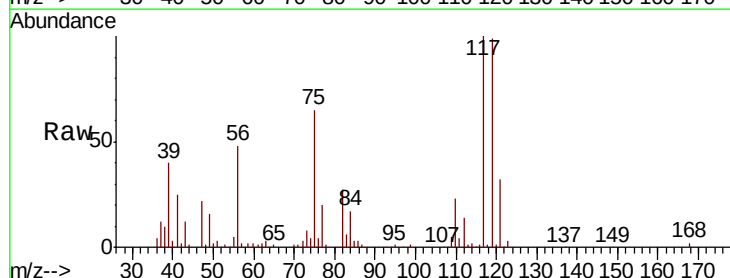


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

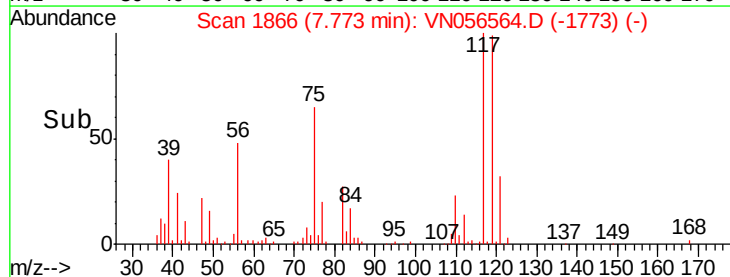
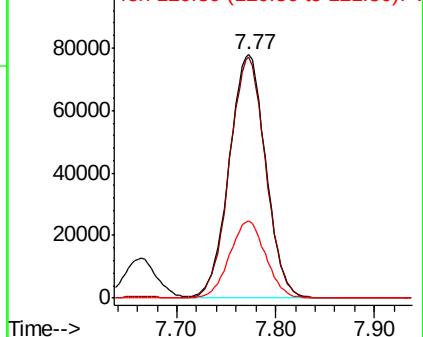


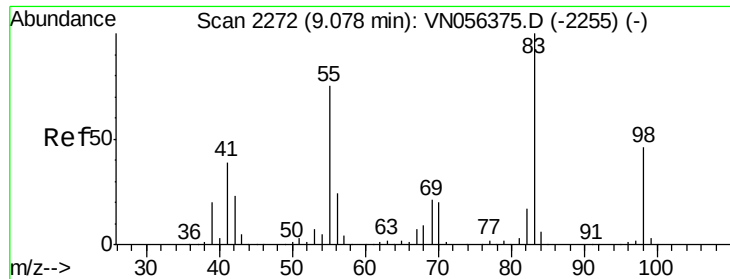
#38
Carbon Tetrachloride
Concen: 51.904 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 117 Resp: 199884
Ion Ratio Lower Upper
117 100
119 99.0 79.1 118.7
121 31.7 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

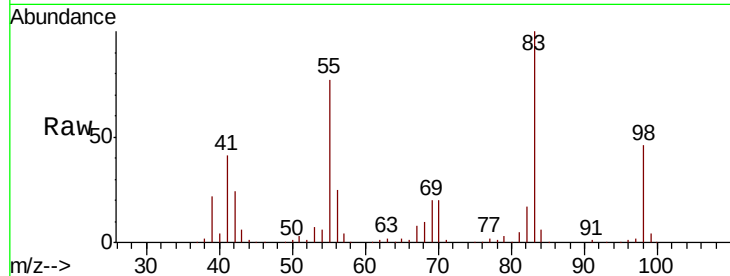




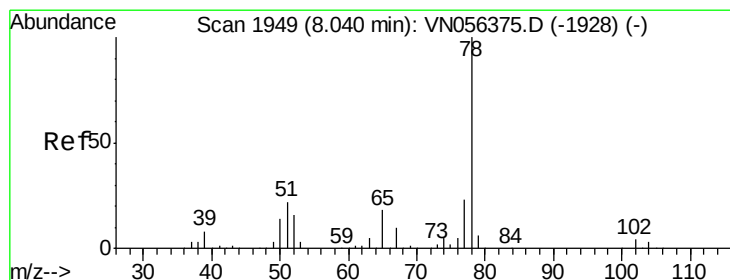
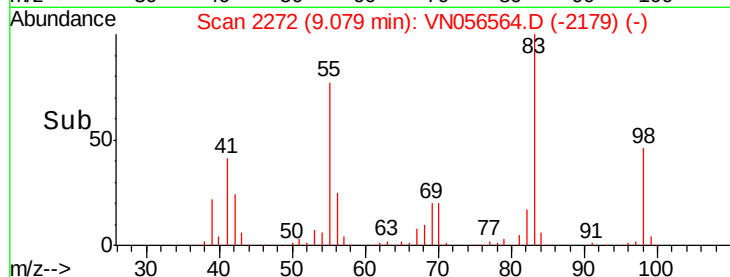
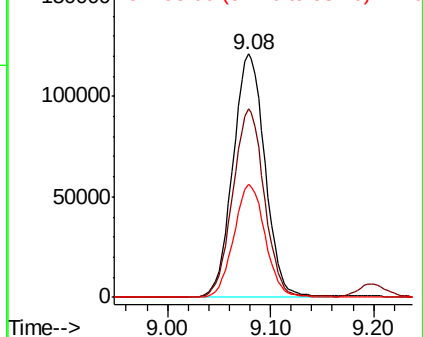
#39
Methylvlcyclohexane
Concen: 48.288 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 262394
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 46.3 36.6 54.8

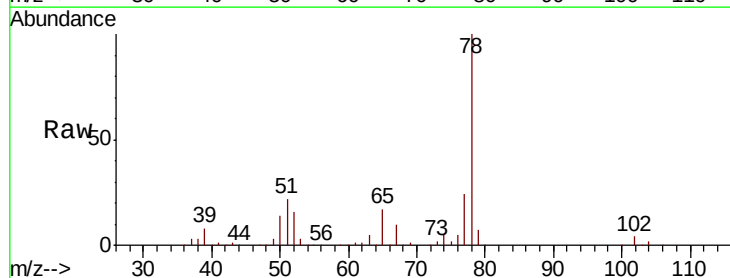


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

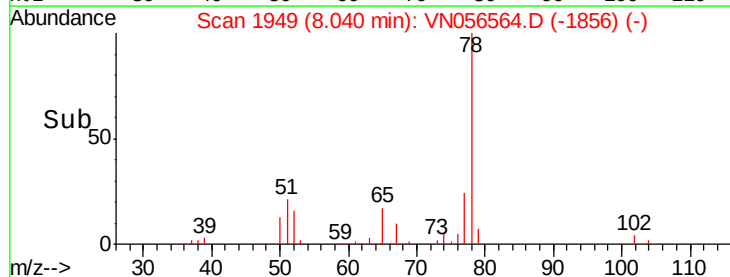
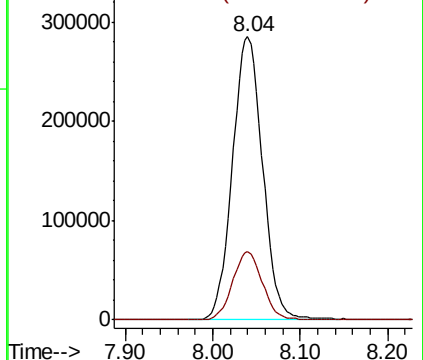


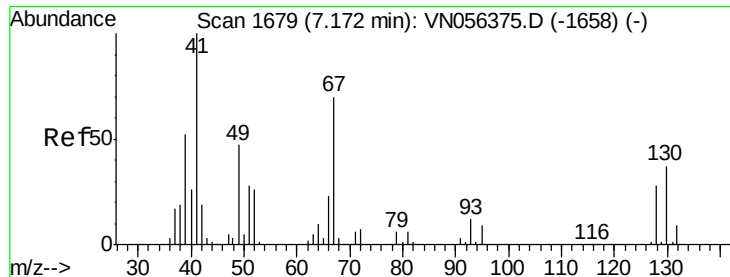
#40
Benzene
Concen: 50.508 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 78 Resp: 684189
Ion Ratio Lower Upper
78 100
77 24.2 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: 180.195 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.04 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 344365

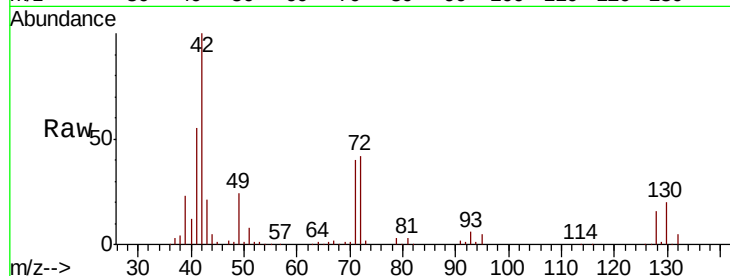
Ion Ratio Lower Upper

41 100

39 0.0 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

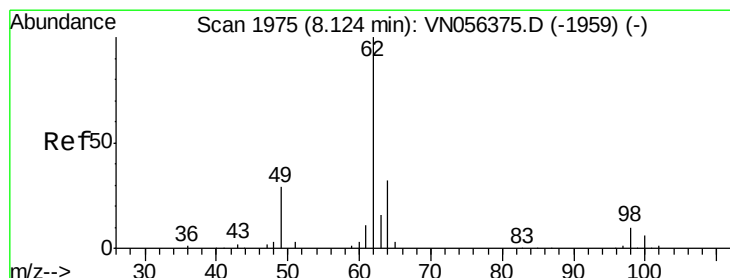
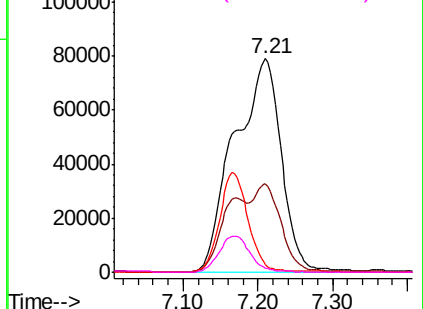
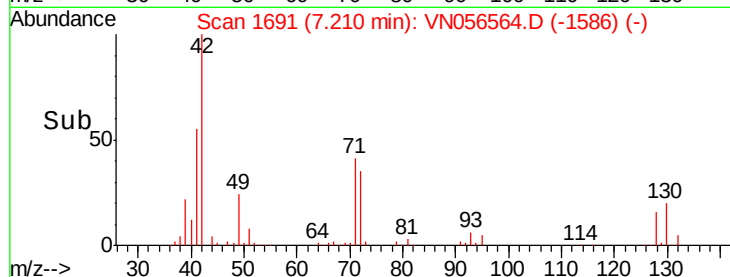


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 51.403 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056564.D

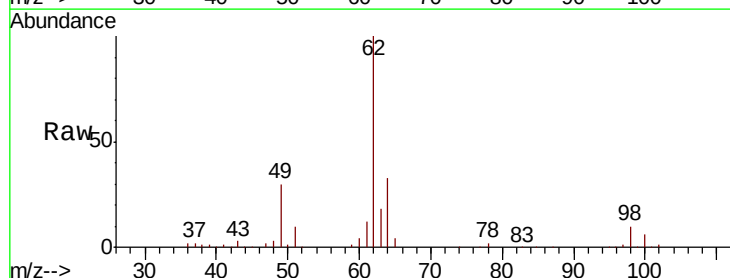
Acq: 1 Jul 2019 11:55

Tgt Ion: 62 Resp: 229799

Ion Ratio Lower Upper

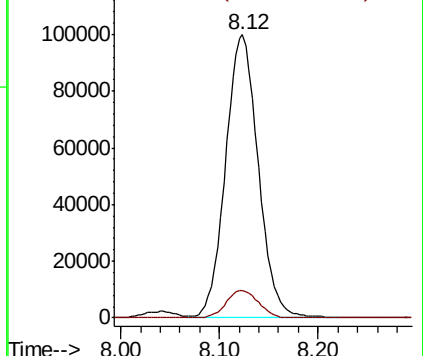
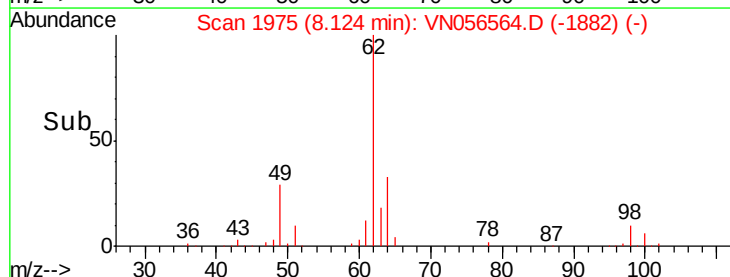
62 100

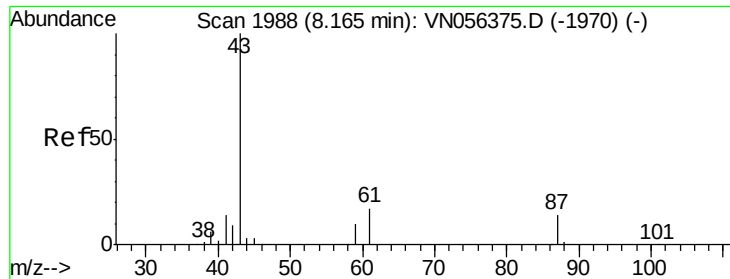
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 54.179 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

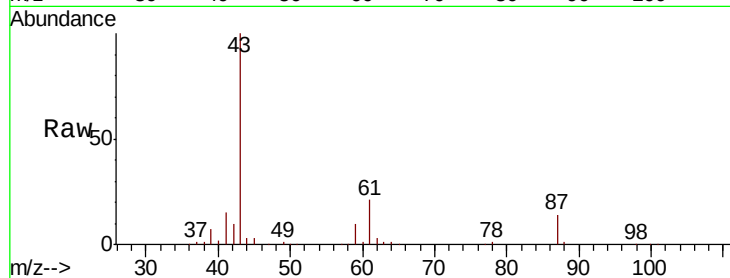
Tot Ion: 43 Resp: 361559

Ion Ratio Lower Upper

43 100

61 27.3 22.0 33.0

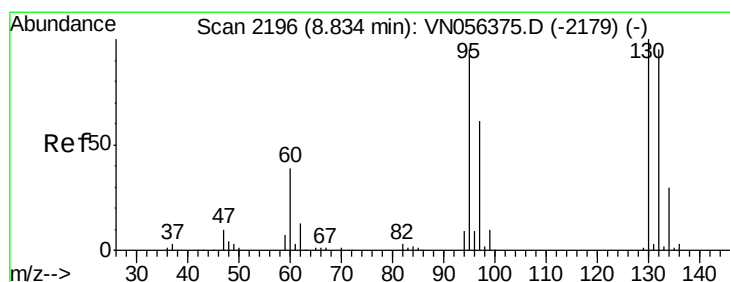
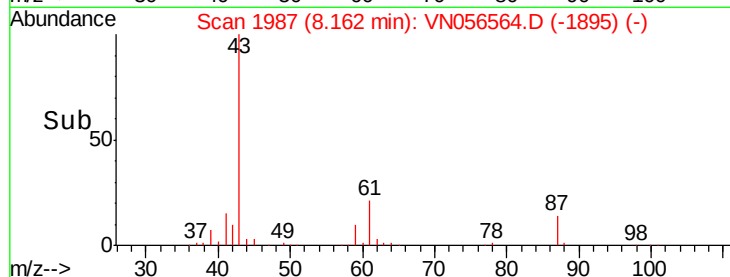
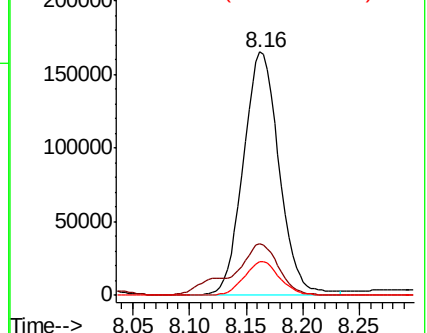
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 50.489 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056564.D

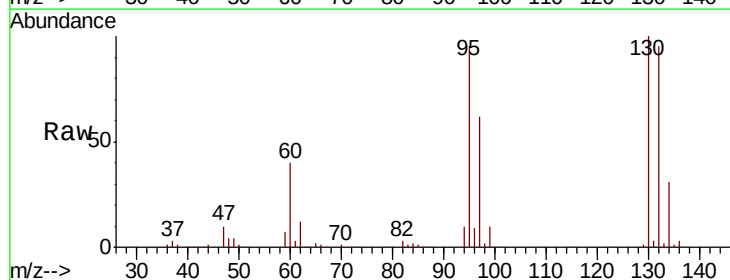
Acq: 1 Jul 2019 11:55

Tgt Ion:130 Resp: 184233

Ion Ratio Lower Upper

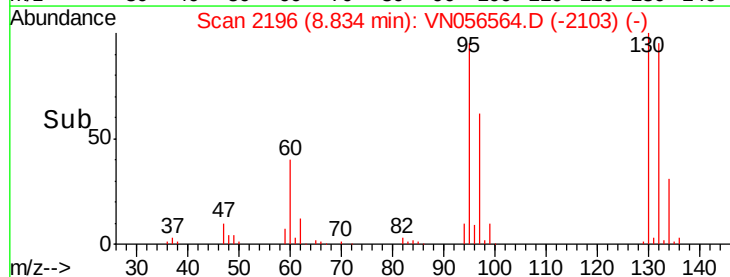
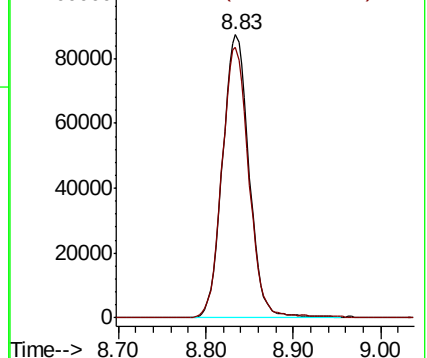
130 100

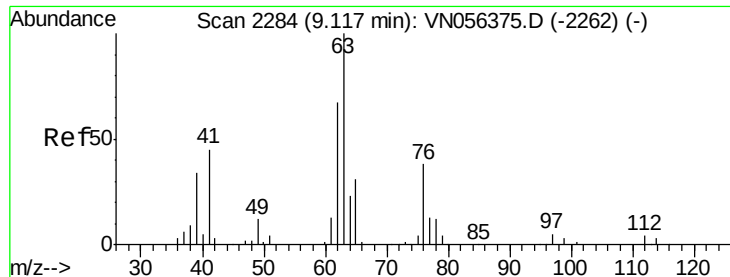
95 95.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

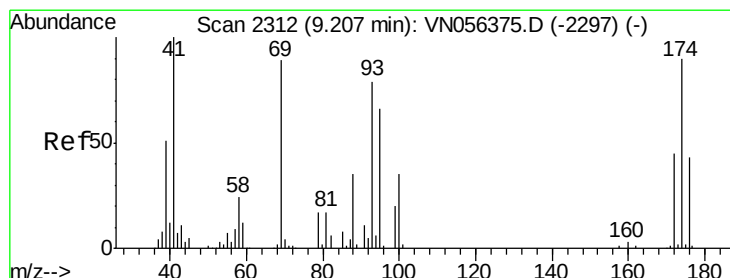
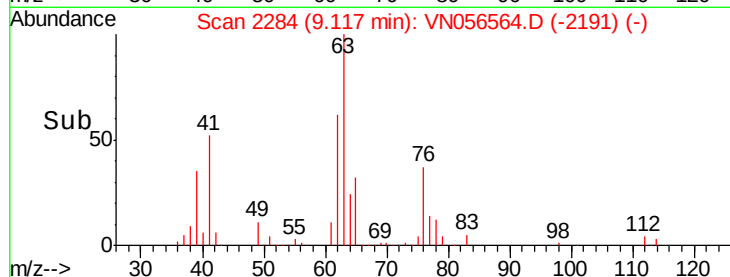
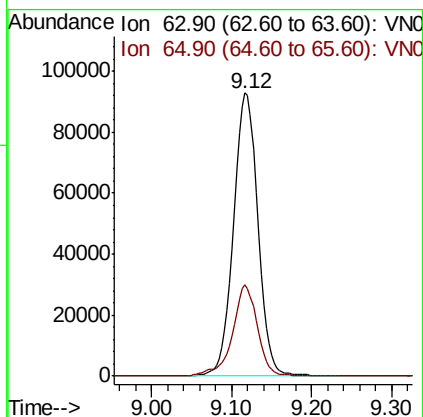
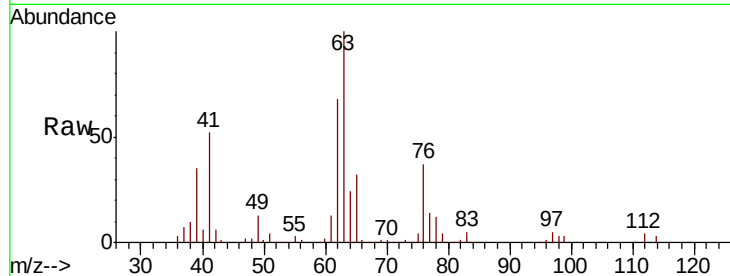




#45
 1,2-Dichloropropane
 Concen: 52.619 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

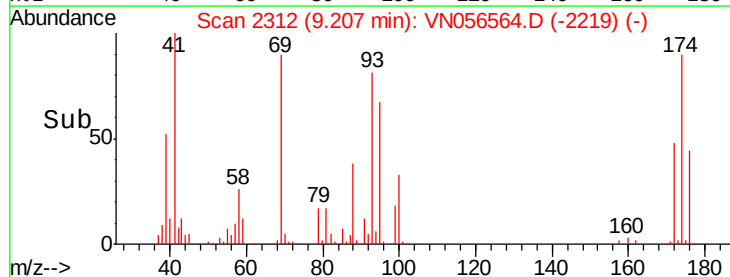
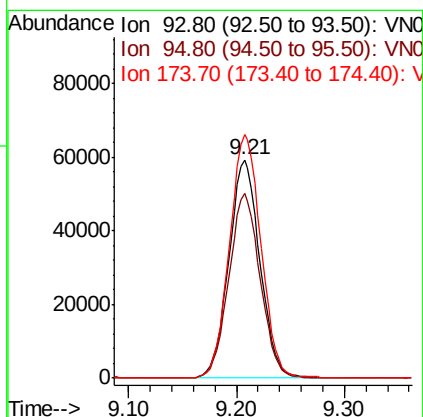
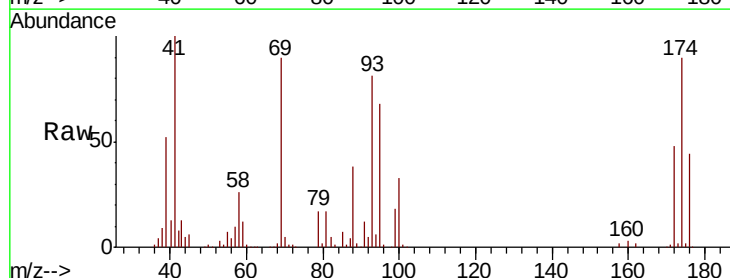
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

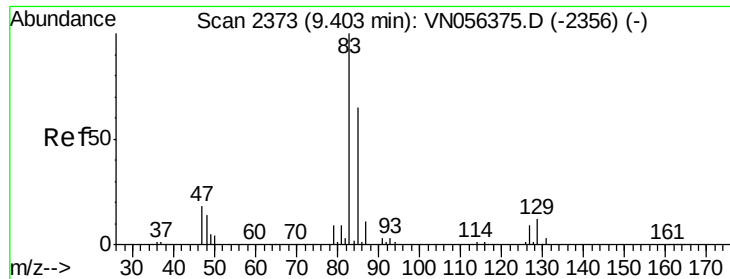
Tot Ion: 63 Resp: 190625
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.0 37.6



#46
 Dibromomethane
 Concen: 52.558 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 93 Resp: 119124
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.2 99.2
 174 112.9 90.8 136.2





#47

Bromodichloromethane

Concen: 56.073 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

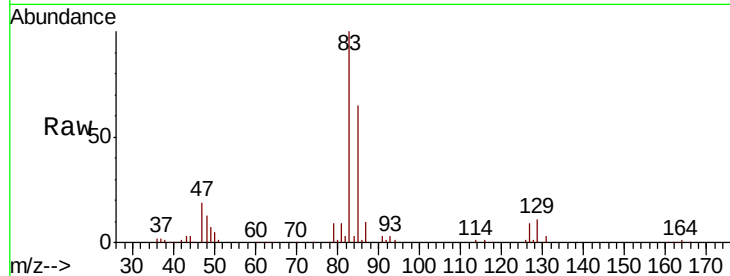
Tot Ion: 83 Resp: 225402

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

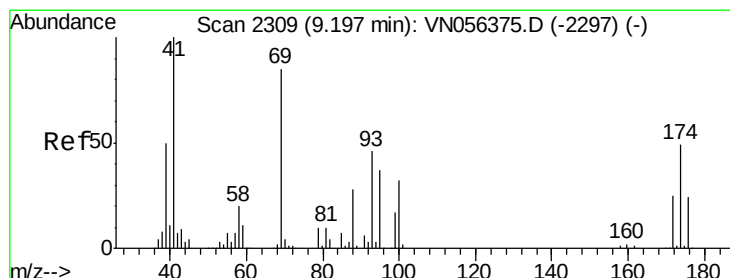
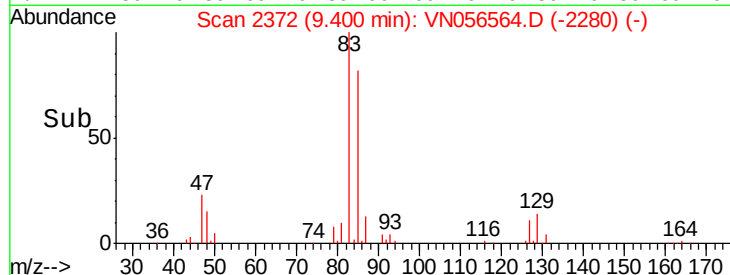
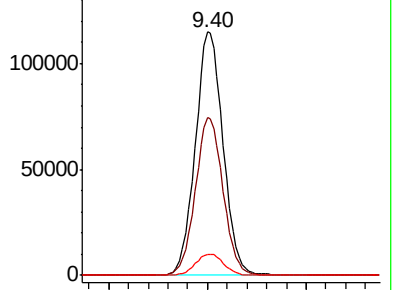
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)



#48

Methyl methacrylate

Concen: 53.217 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

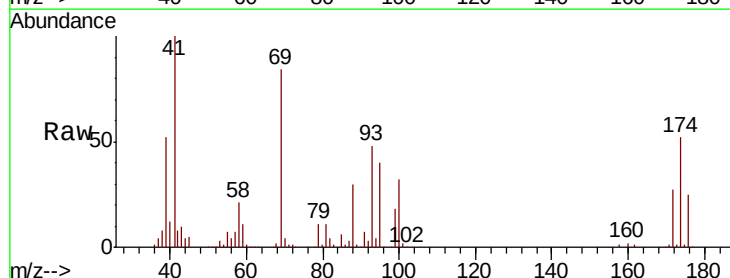
Tgt Ion: 41 Resp: 177965

Ion Ratio Lower Upper

41 100

69 87.9 72.6 109.0

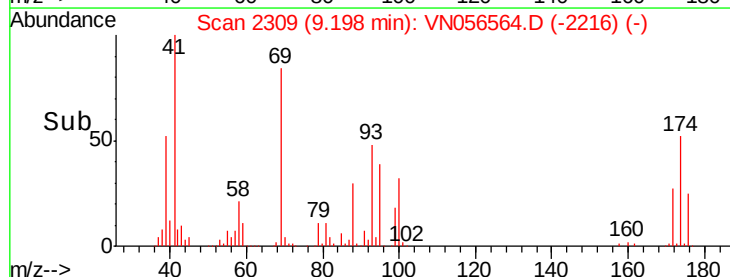
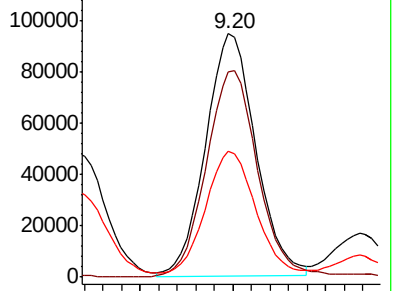
39 52.6 42.6 63.8

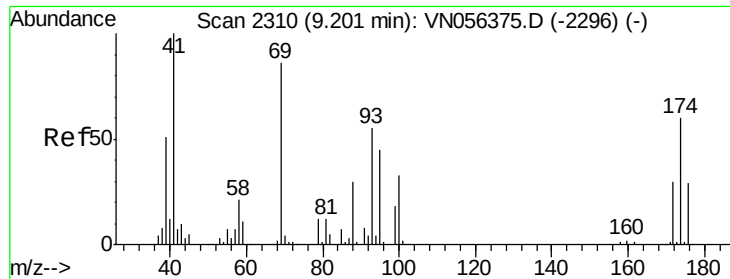


Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1090.885 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

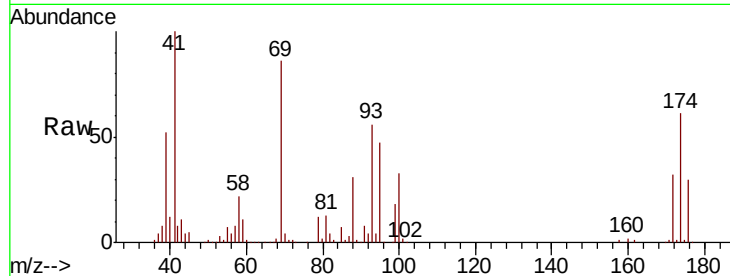
Tot Ion: 88 Resp: 75706

Ion Ratio Lower Upper

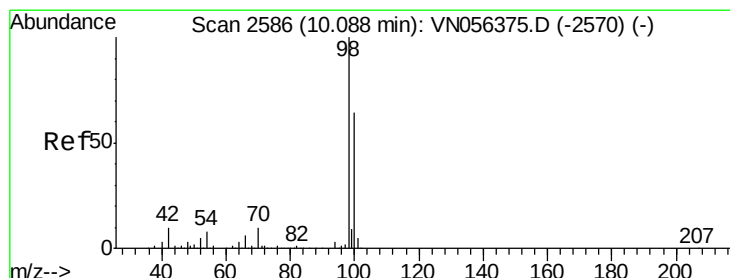
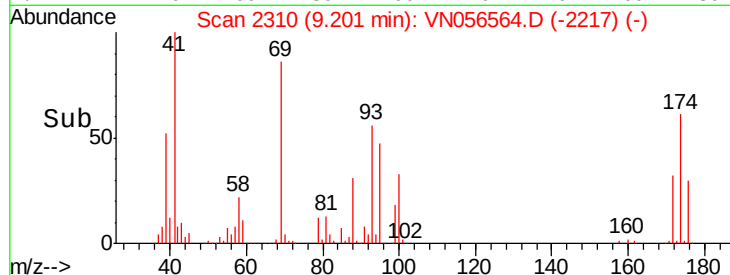
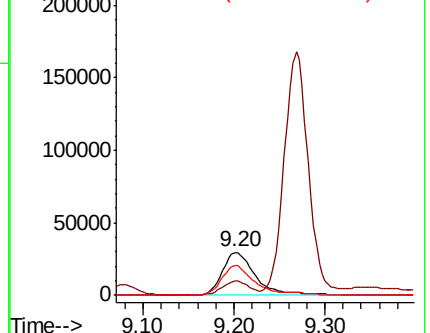
88 100

43 26.8 22.0 33.0

58 71.2 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: 50.451 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056564.D

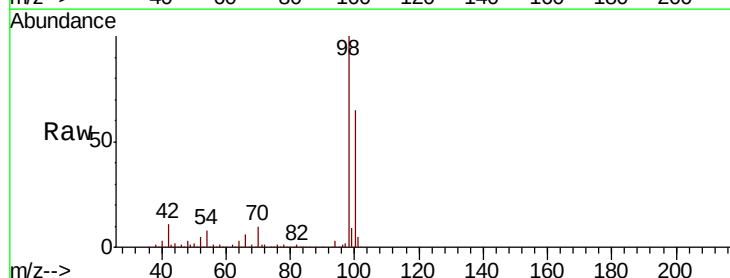
Acq: 1 Jul 2019 11:55

Tgt Ion: 98 Resp: 612731

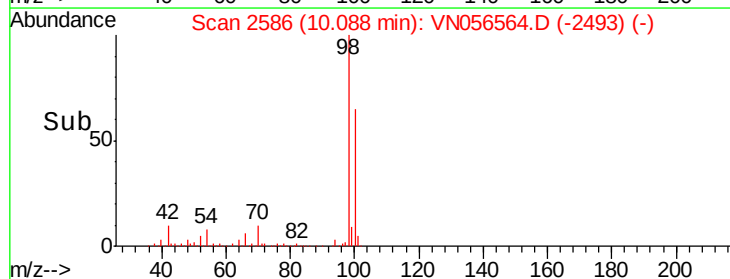
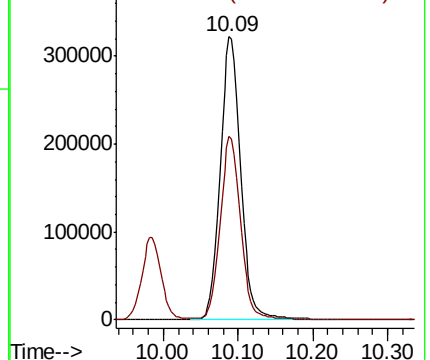
Ion Ratio Lower Upper

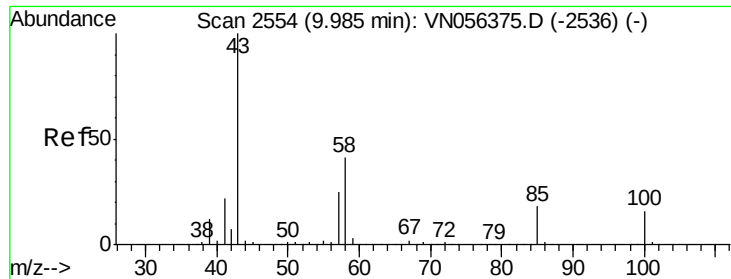
98 100

100 64.8 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: 271.289 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

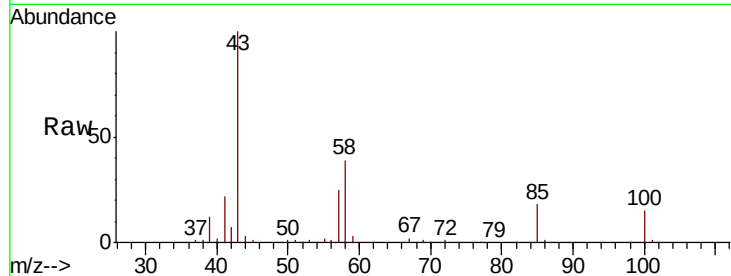
VSTDCCC050

Tot Ion: 43 Resp: 1168508

Ion Ratio Lower Upper

43 100

58 38.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

600000

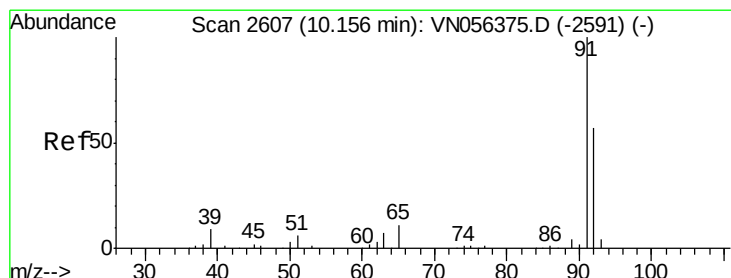
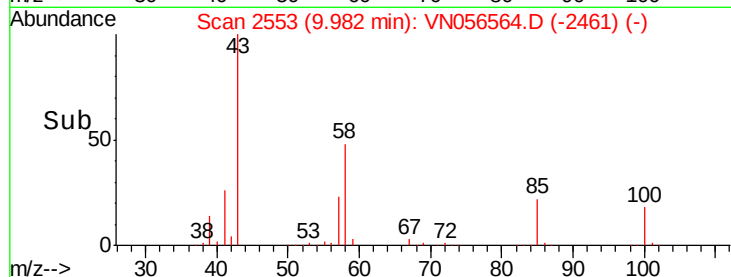
400000

200000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 51.234 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056564.D

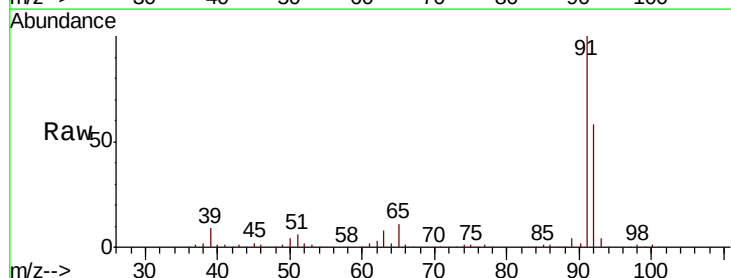
Acq: 1 Jul 2019 11:55

Tgt Ion: 92 Resp: 424311

Ion Ratio Lower Upper

92 100

91 173.0 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

300000

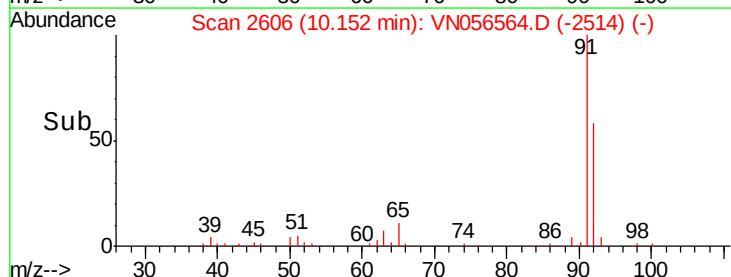
200000

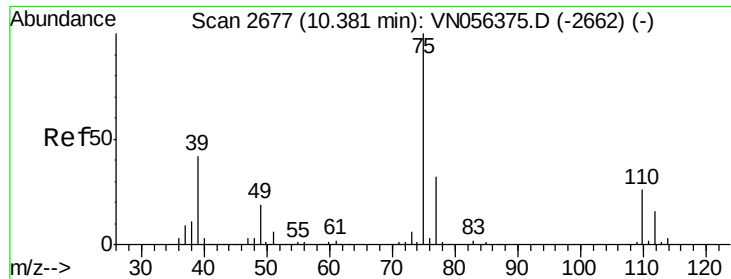
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 49.984 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

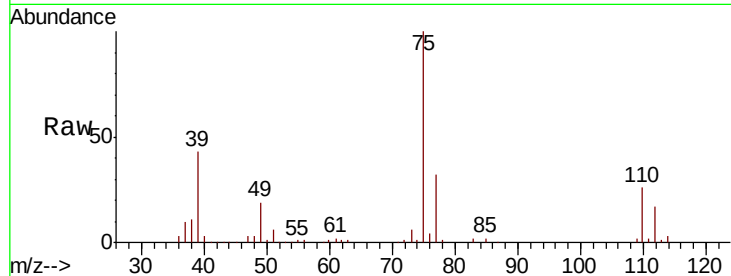
VSTDCCC050

Tot Ion: 75 Resp: 234019

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

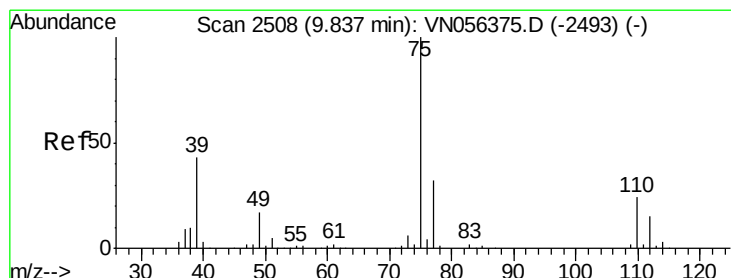
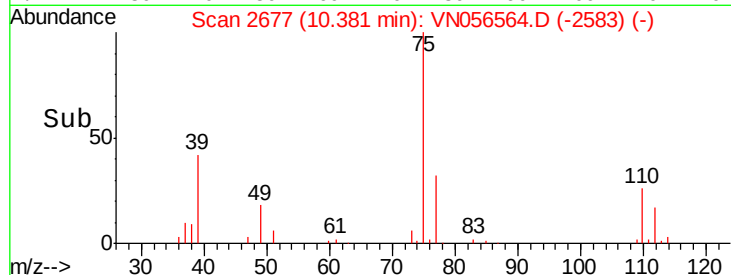
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.054 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

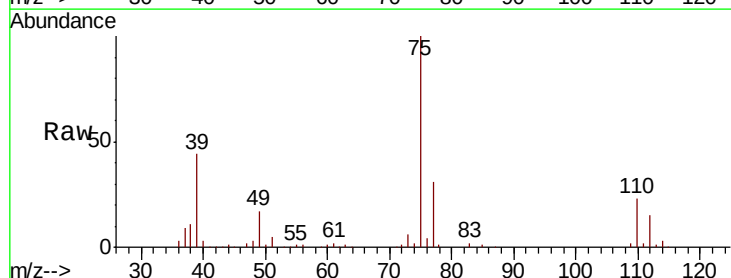
Tgt Ion: 75 Resp: 271344

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 44.0 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

200000

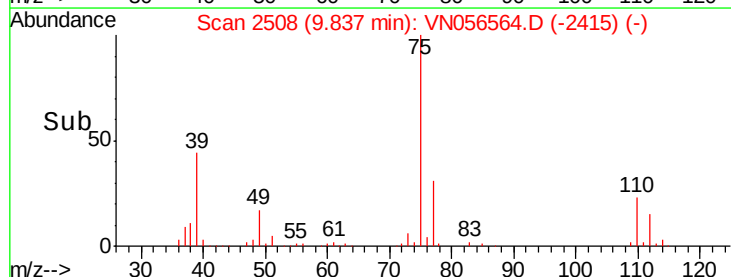
150000

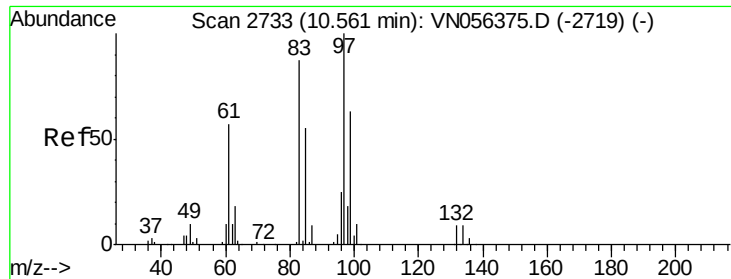
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.911 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 179467

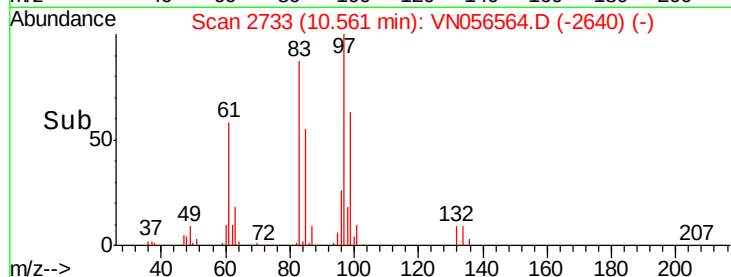
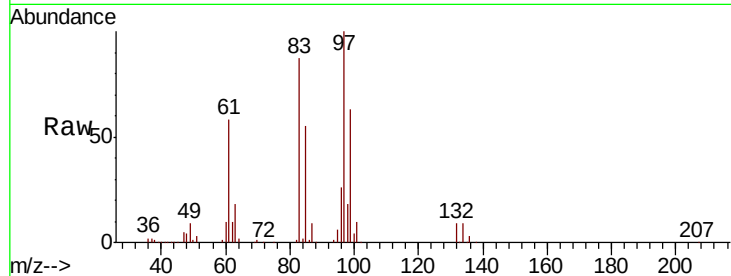
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.8	104.6
85	55.1	43.8	65.8
99	62.7	50.2	75.2

97 100

83 86.8 69.8 104.6

85 55.1 43.8 65.8

99 62.7 50.2 75.2

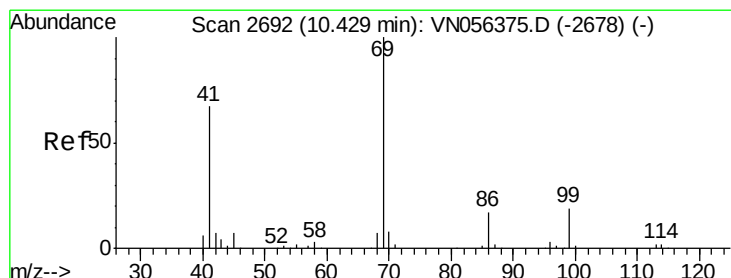
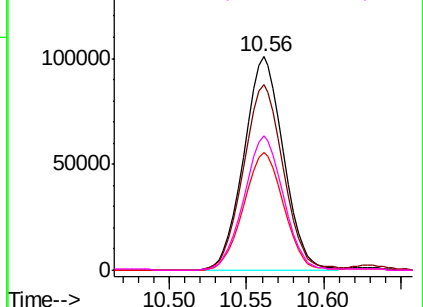


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 53.894 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

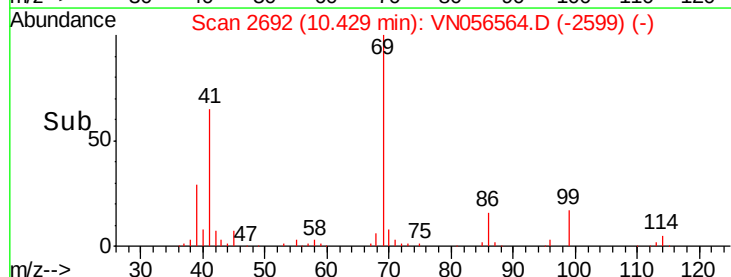
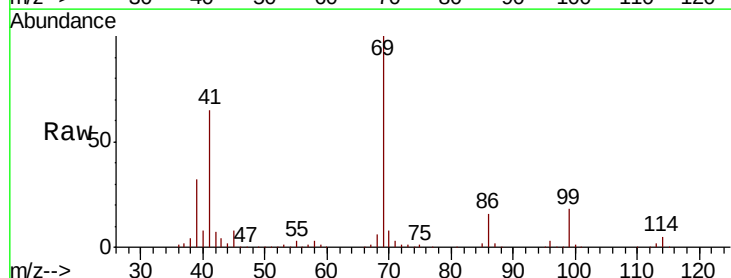
Tgt Ion: 69 Resp: 262196

Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.4	77.2
39	30.6	24.7	37.1

69 100

41 65.0 51.4 77.2

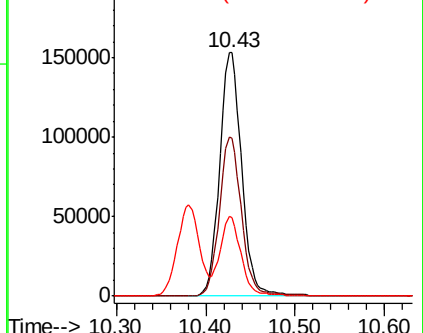
39 30.6 24.7 37.1

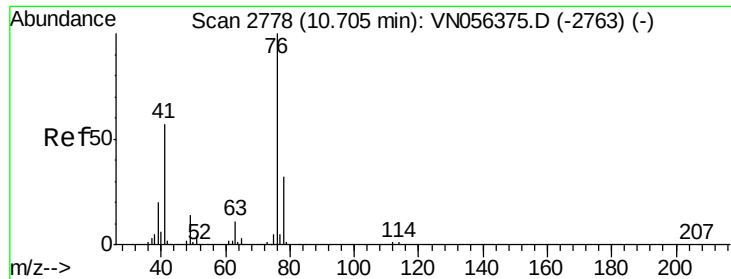


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

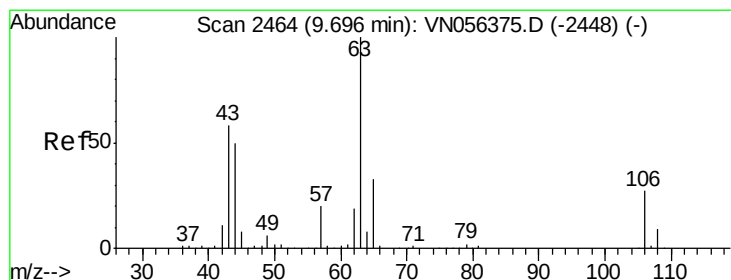
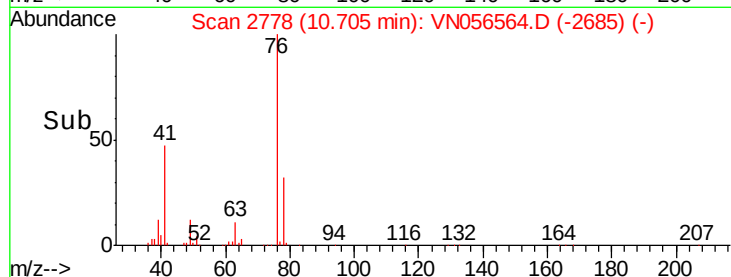
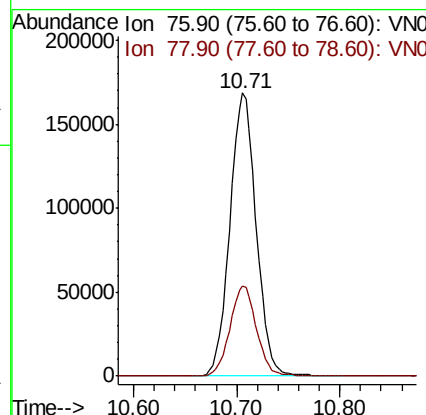
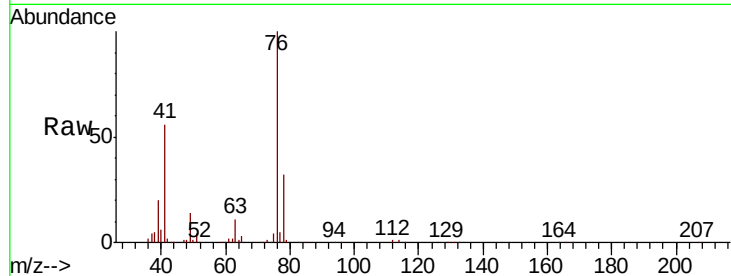




#57
 1,3-Dichloropropane
 Concen: 53.574 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

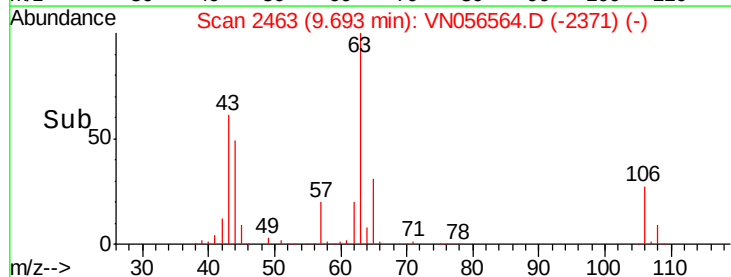
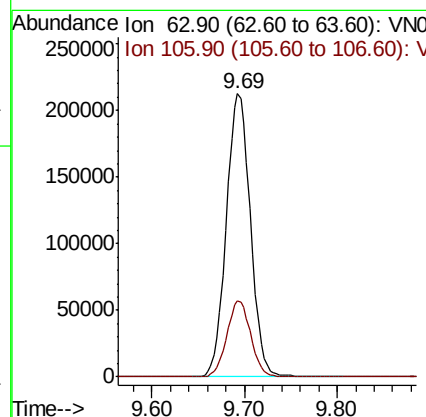
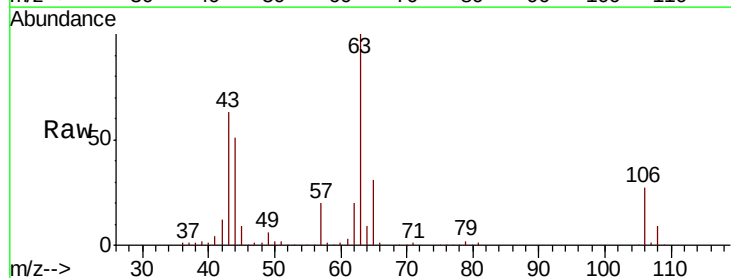
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

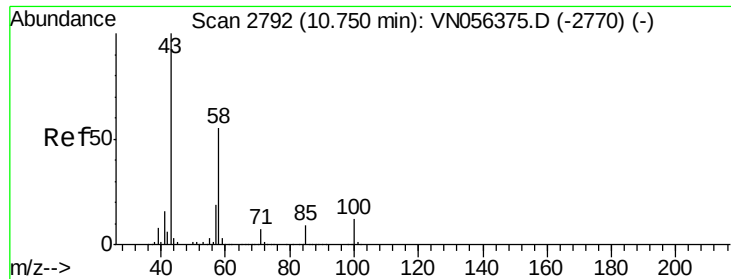
Tot Ion: 76 Resp: 299609
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.367 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 63 Resp: 383400
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.6 32.4

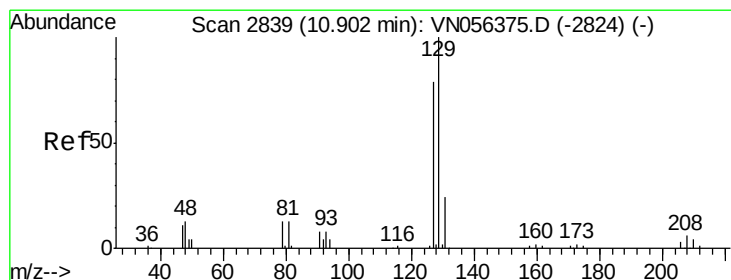
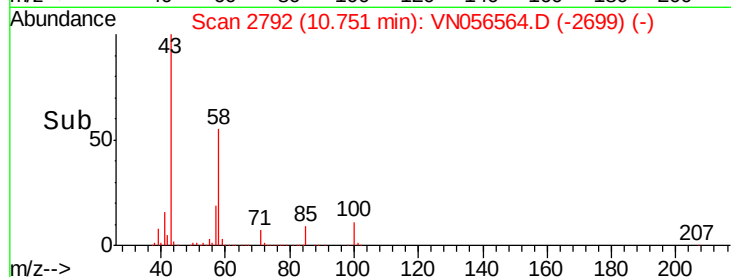
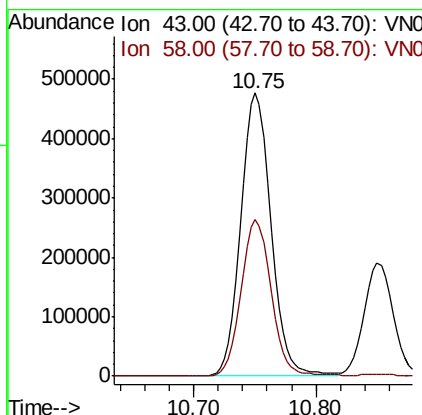
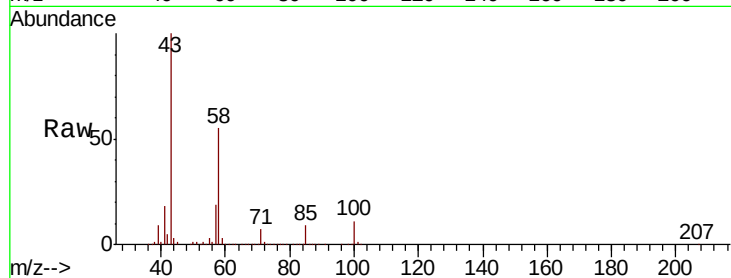




#59
2-Hexanone
Concen: 256.826 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

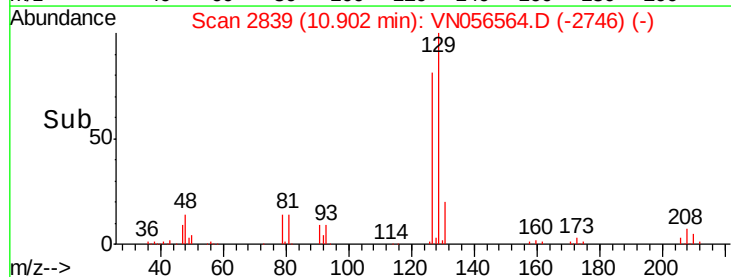
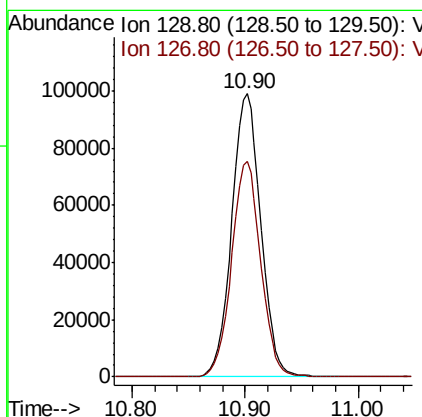
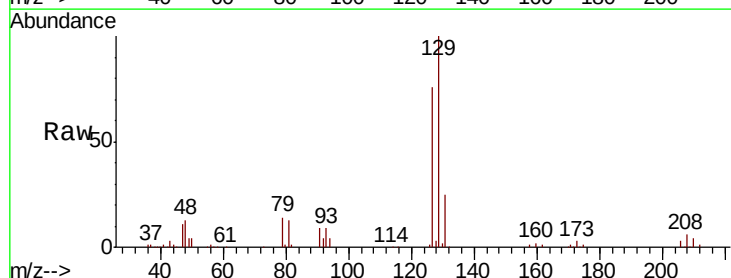
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

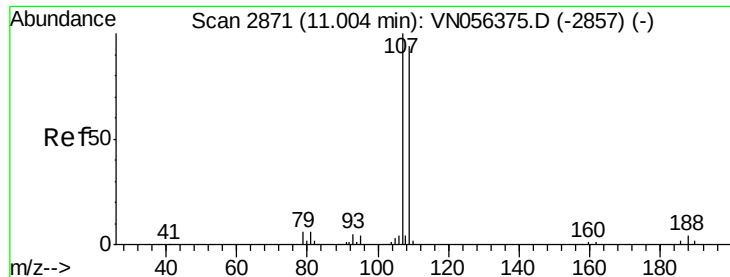
Tot Ion: 43 Resp: 813027
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.4



#60
Dibromochloromethane
Concen: 51.581 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 129 Resp: 176765
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7

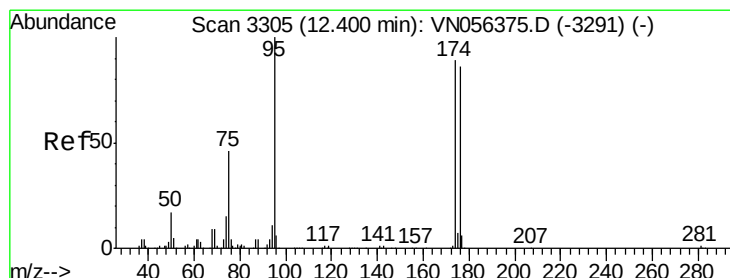
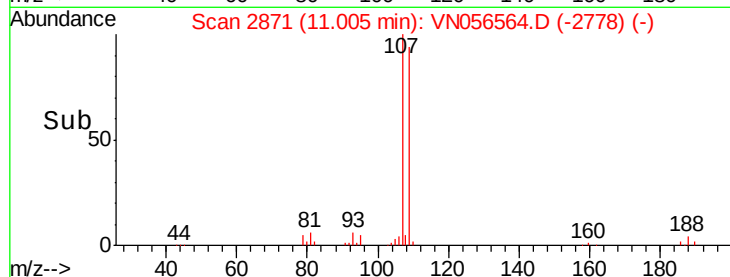
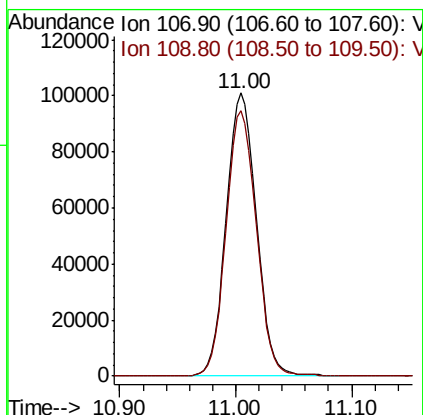
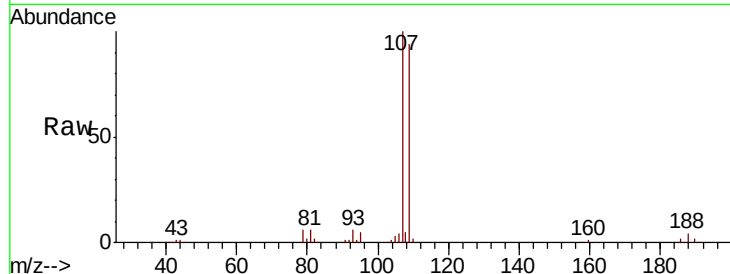




#61
 1,2-Dibromoethane
 Concen: 53.448 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

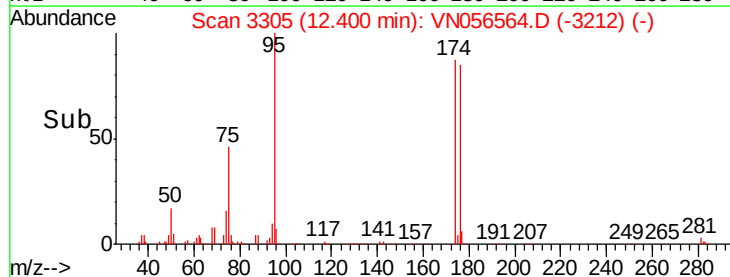
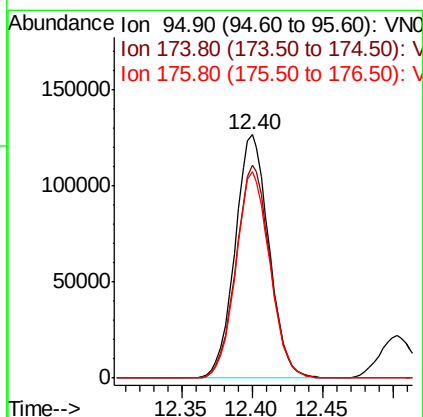
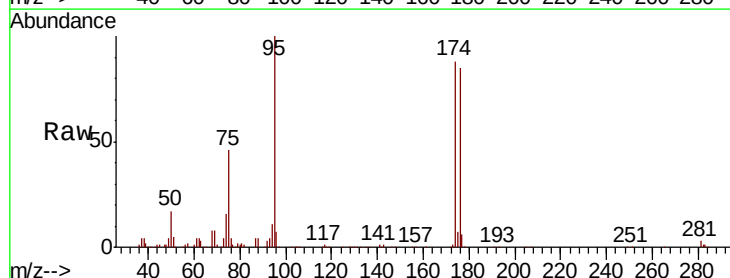
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

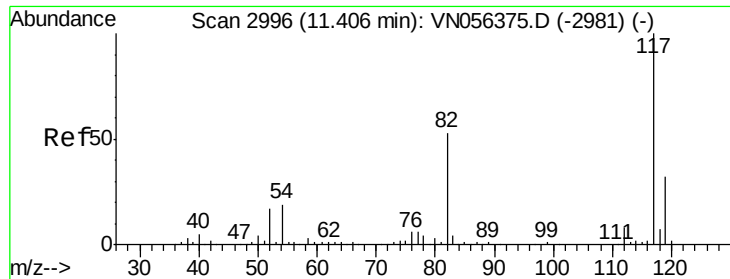
Tot Ion: 107 Resp: 181724
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 52.522 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion: 95 Resp: 212641
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 179.4
 176 85.1 0.0 173.4

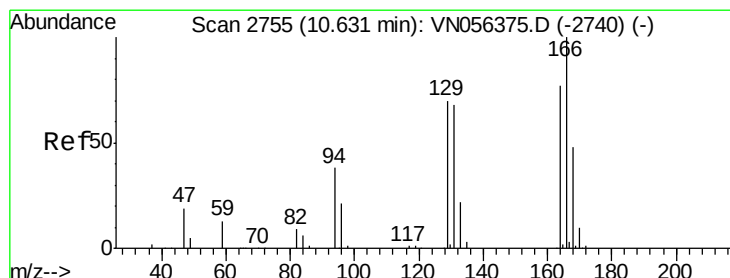
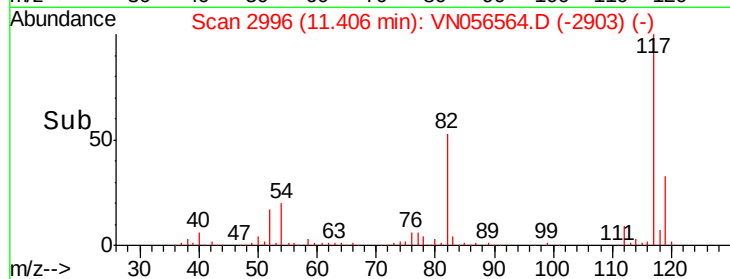
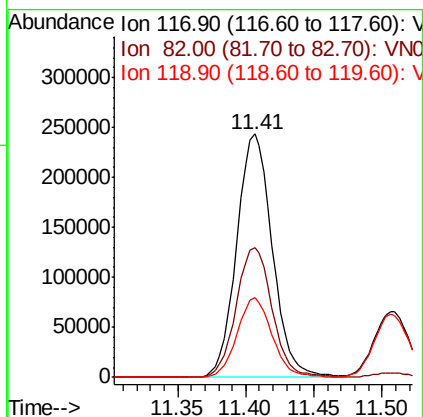
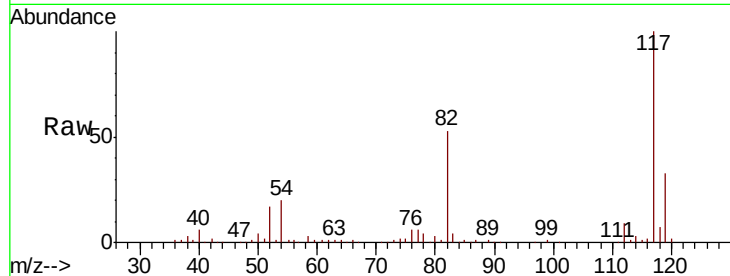




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

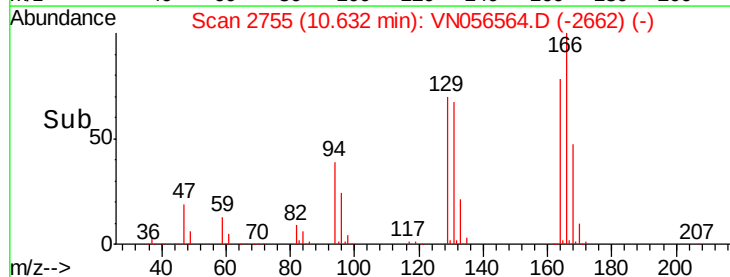
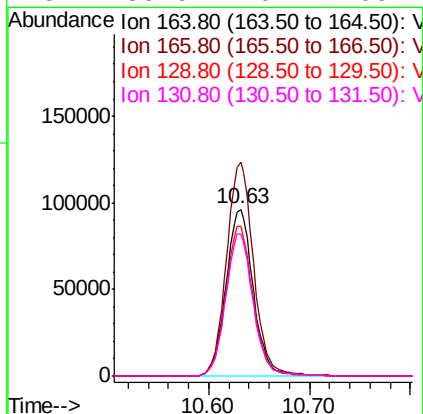
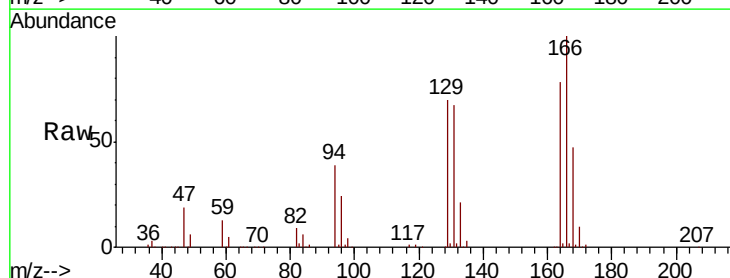
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

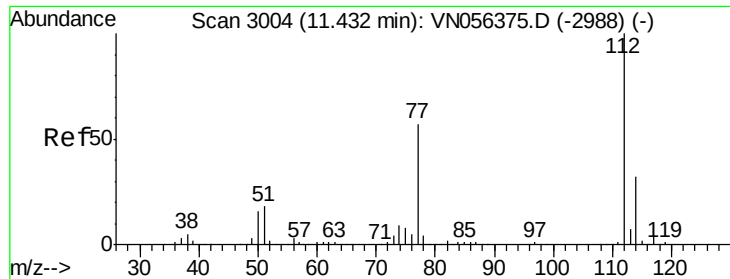
Tot Ion:117 Resp: 442205
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 51.960 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion:164 Resp: 181958
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.0
129 89.7 72.0 108.0
131 85.5 70.2 105.2

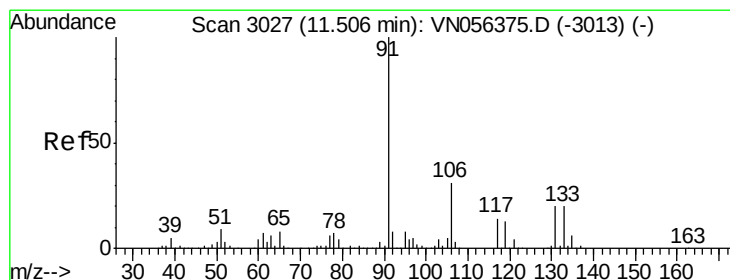
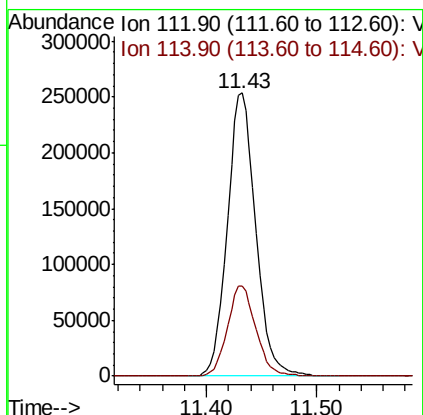
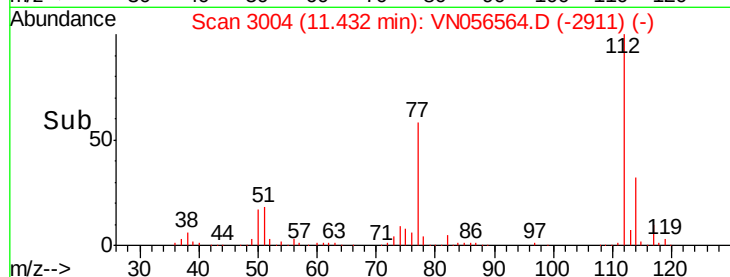
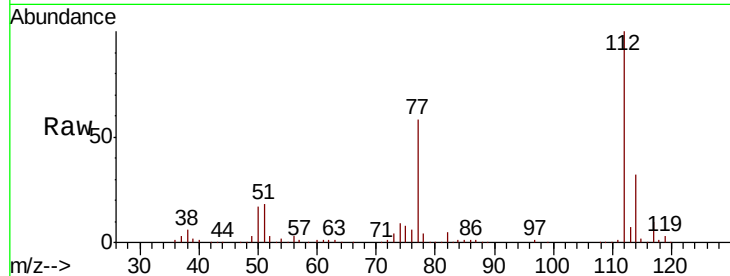




#65
Chlorobenzene
Concen: 50.883 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

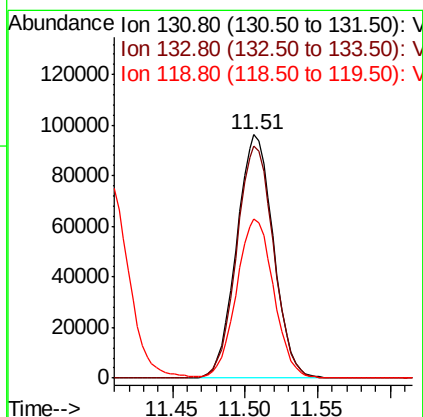
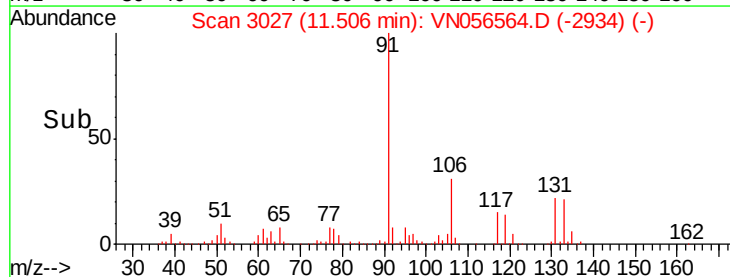
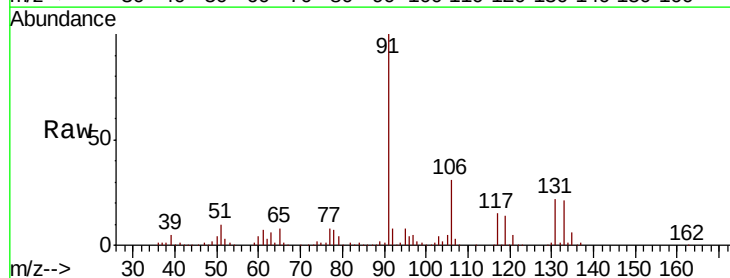
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

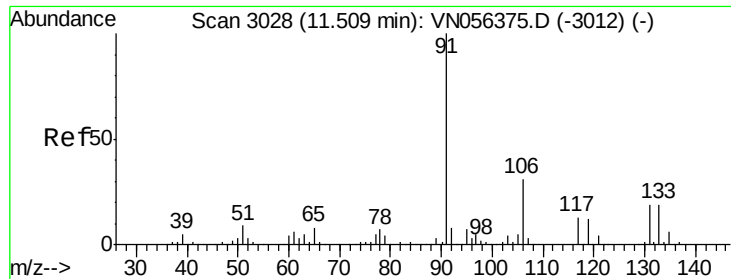
Tot Ion:112 Resp: 452126
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.549 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion:131 Resp: 169821
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 66.1 32.8 98.4

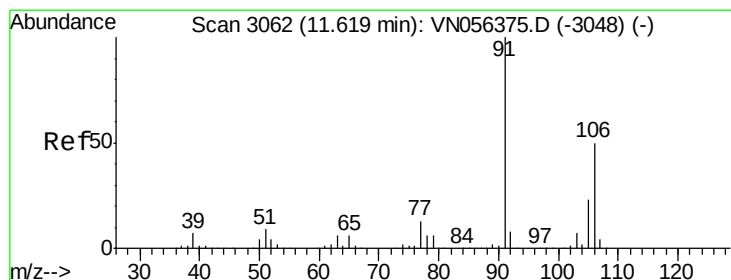
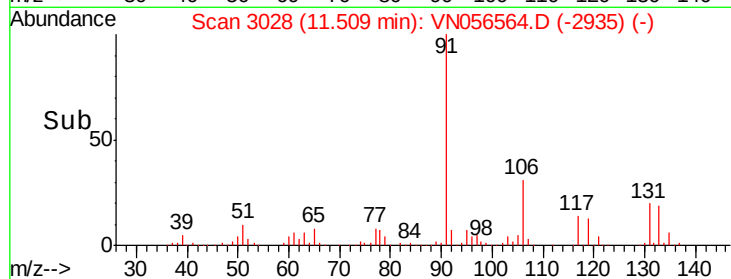
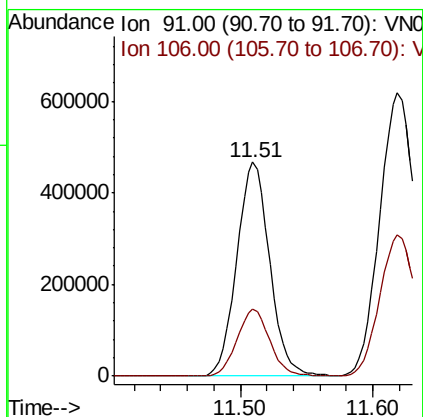
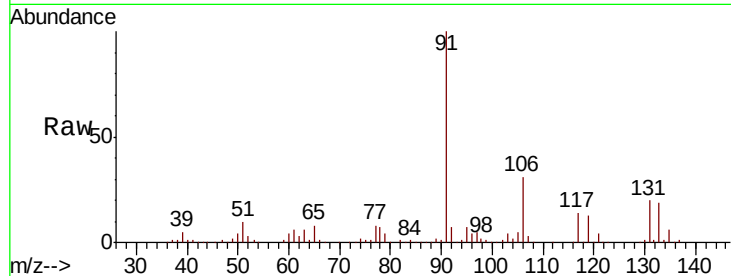




#67
Ethyl Benzene
Concen: 51.555 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

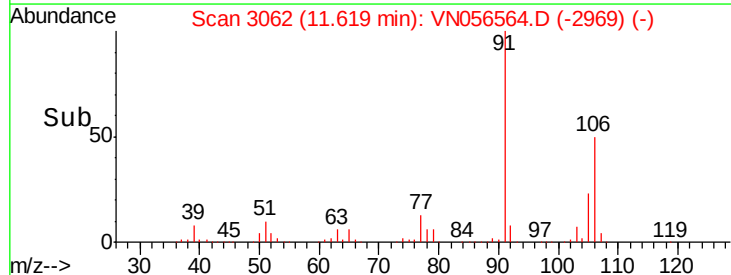
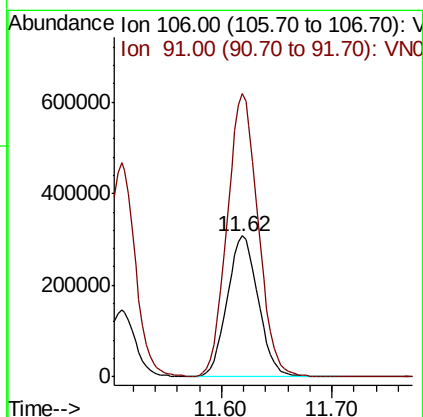
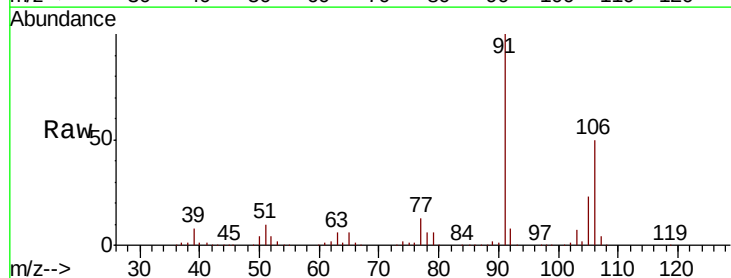
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

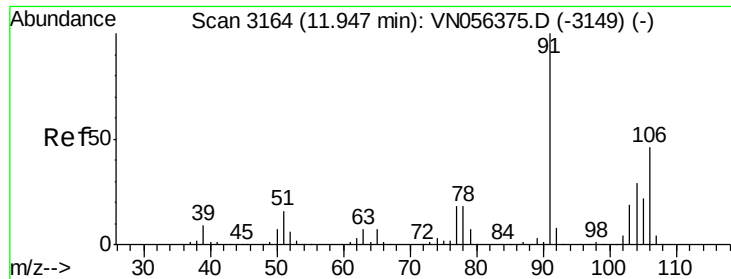
Tot Ion: 91 Resp: 804343
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 104.977 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion: 106 Resp: 600224
Ion Ratio Lower Upper
106 100
91 200.1 160.1 240.1

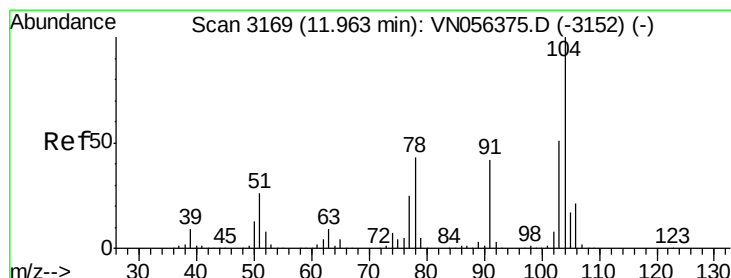
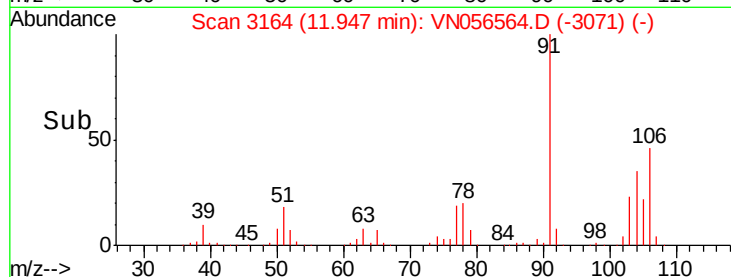
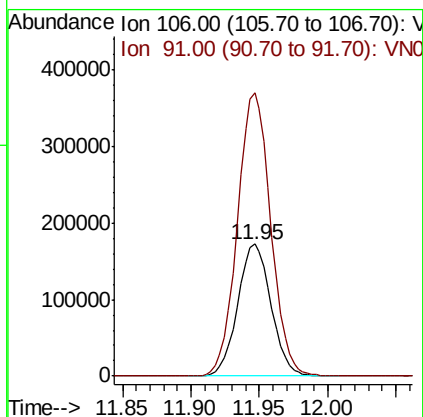
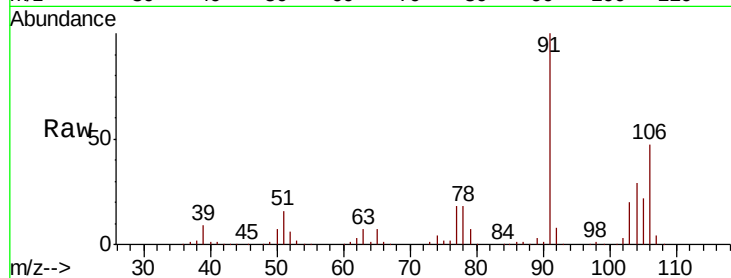




#69
o-Xylene
Concen: 51.717 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

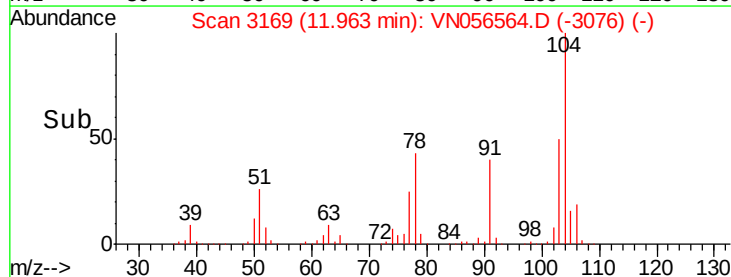
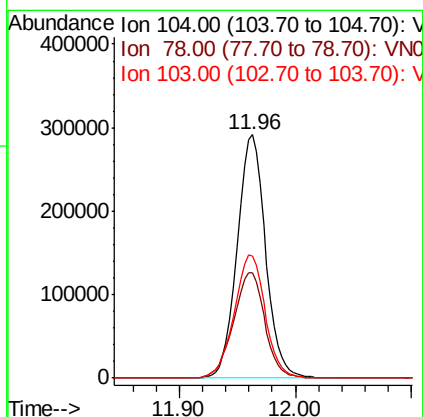
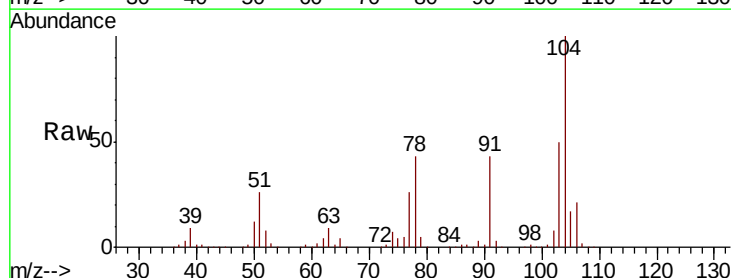
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

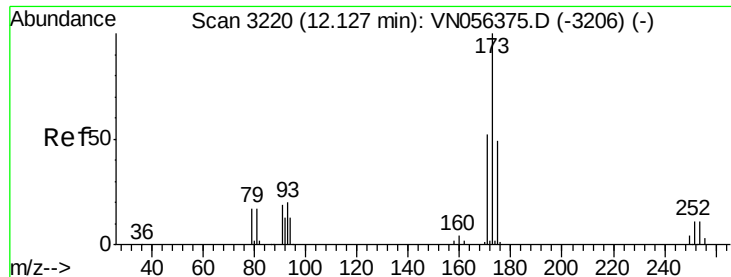
Tot Ion:106 Resp: 292545
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#70
Styrene
Concen: 54.637 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion:104 Resp: 494016
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.4 43.9 65.9

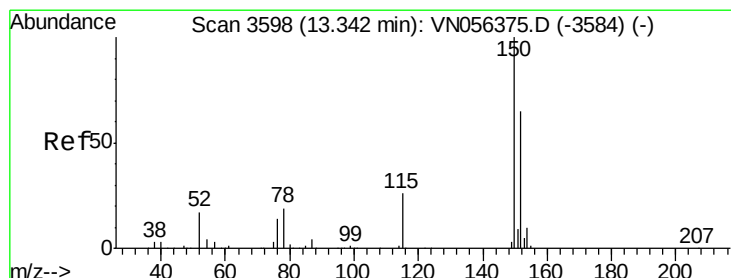
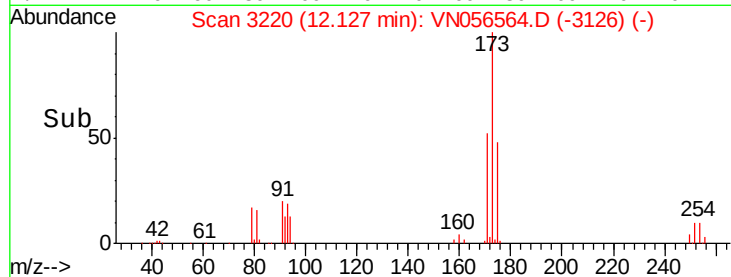
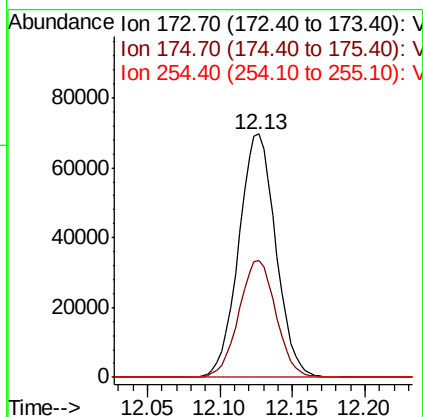
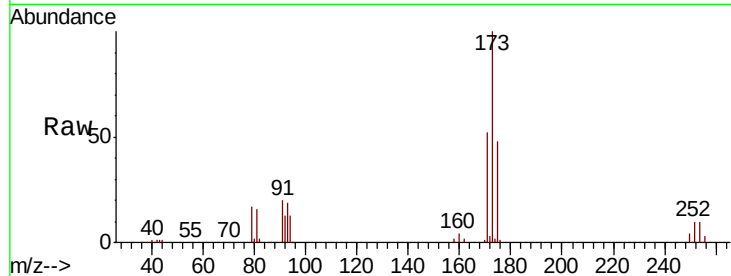




#71
Bromoform
Concen: 51.048 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

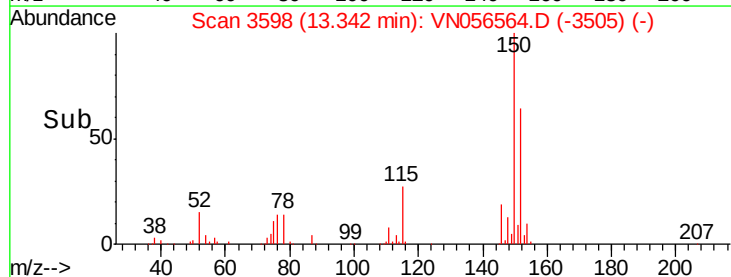
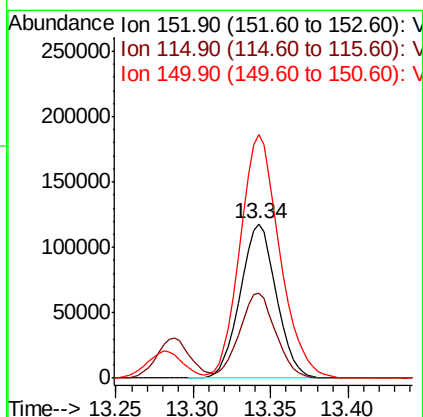
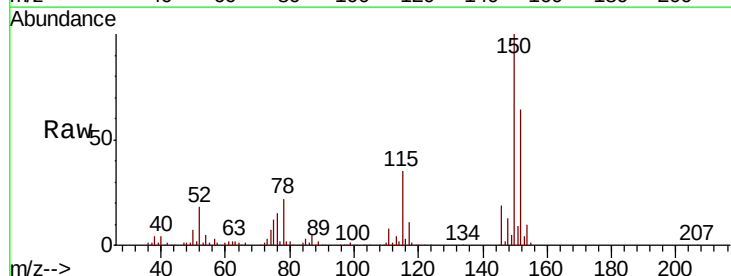
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

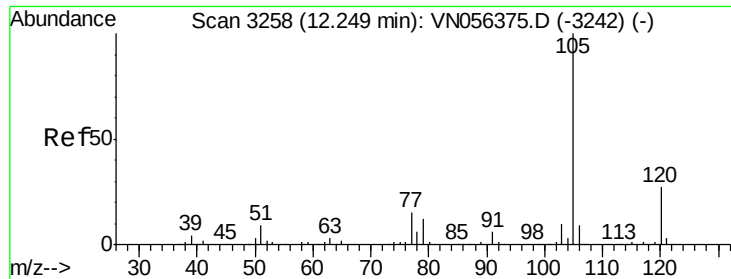
Tot Ion:173 Resp: 123844
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056564.D
Acq: 1 Jul 2019 11:55

Tgt Ion:152 Resp: 191888
Ion Ratio Lower Upper
152 100
115 54.9 28.1 84.4
150 172.9 0.0 348.4





#73

Isopropylbenzene

Concen: 55.122 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

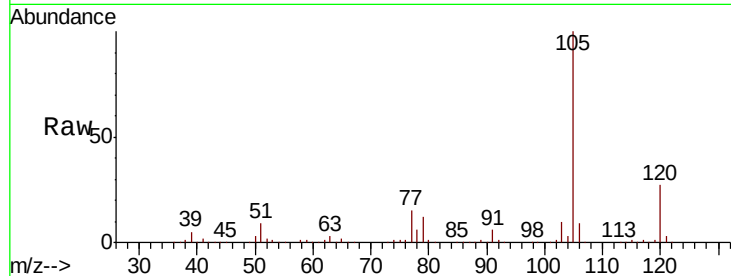
VSTDCCC050

Tot Ion:105 Resp: 790483

Ion Ratio Lower Upper

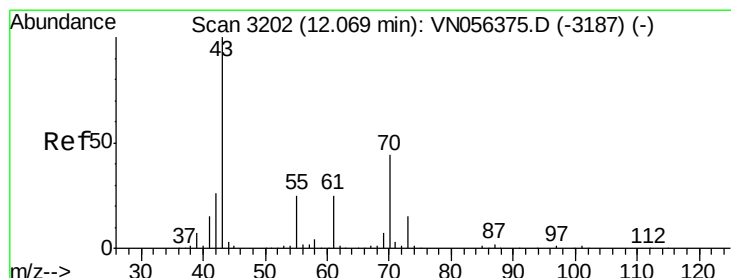
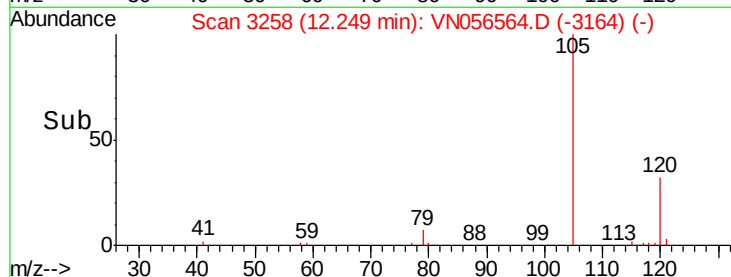
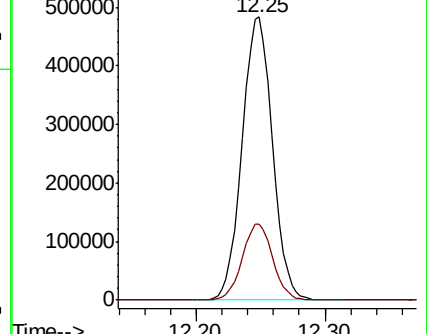
105 100

120 26.8 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: 48.364 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Tgt Ion: 43 Resp: 295361

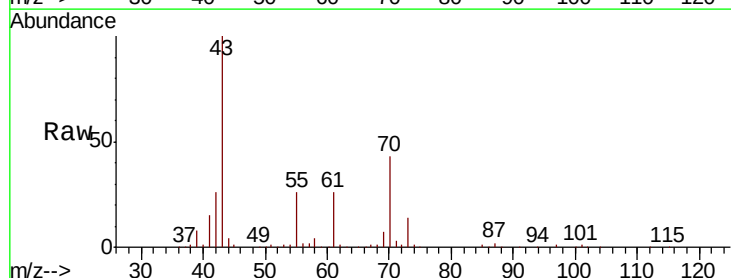
Ion Ratio Lower Upper

43 100

70 43.2 34.9 52.3

55 26.0 20.4 30.6

61 25.0 19.8 29.8

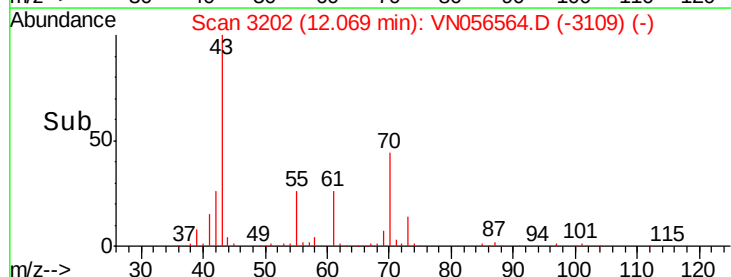
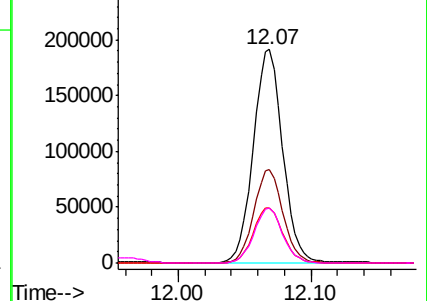


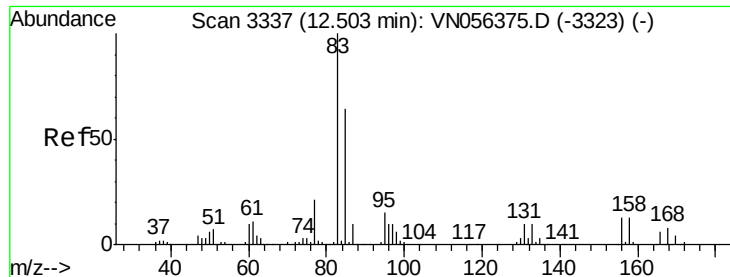
Abundance Ion 43.00 (42.70 to 43.70): V

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: 56.338 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

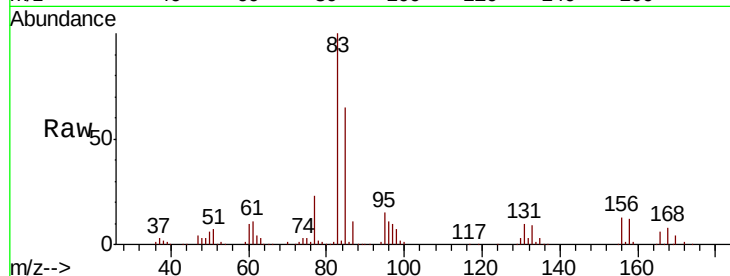
Tot Ion: 83 Resp: 249637

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

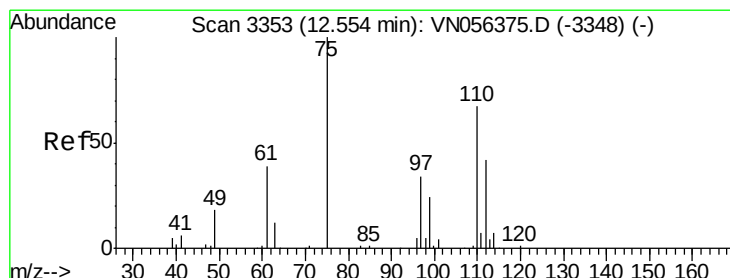
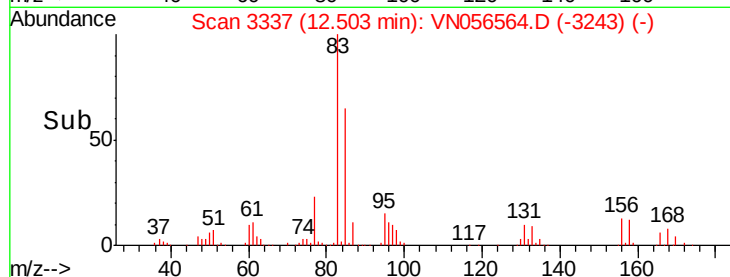
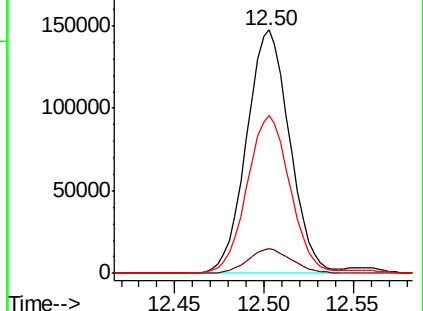
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056375.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 73.986 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056564.D

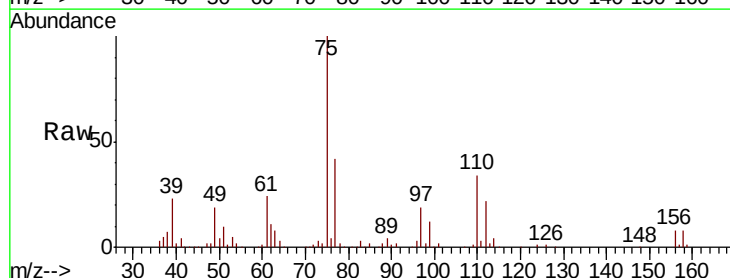
Acq: 1 Jul 2019 11:55

Tgt Ion: 75 Resp: 294377

Ion Ratio Lower Upper

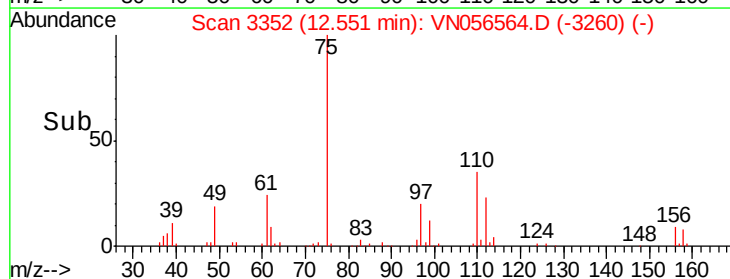
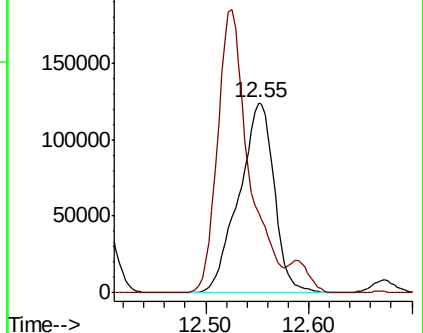
75 100

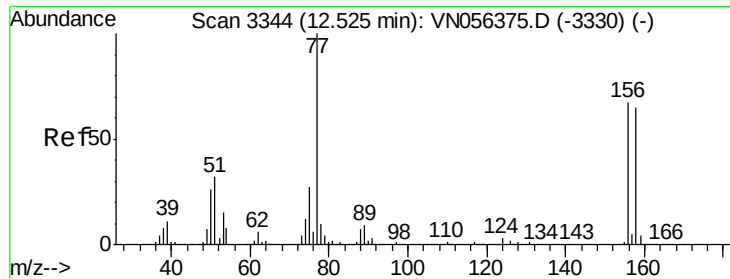
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056375.D (-3348) (-)





#77

Bromobenzene

Concen: 47.597 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

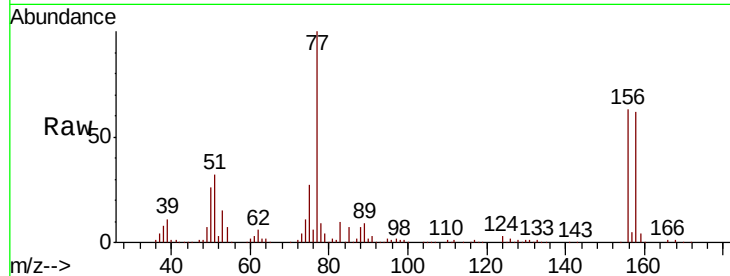
Tot Ion:156 Resp: 204220

Ion Ratio Lower Upper

156 100

77 191.4 92.5 277.3

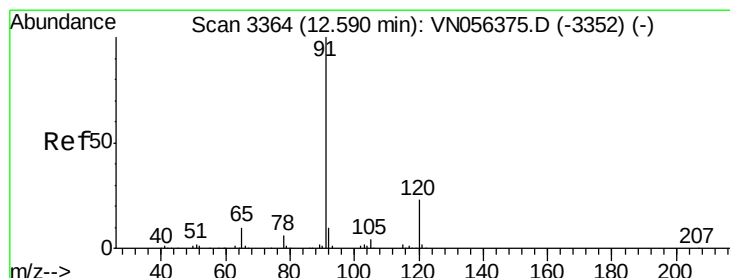
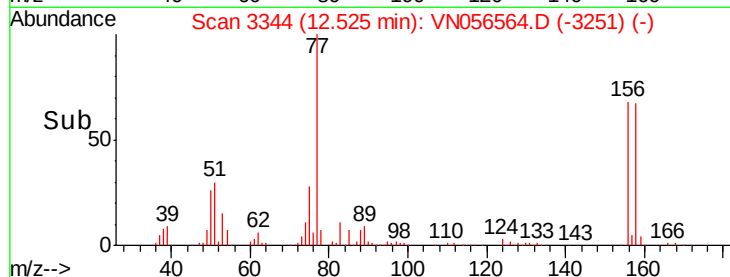
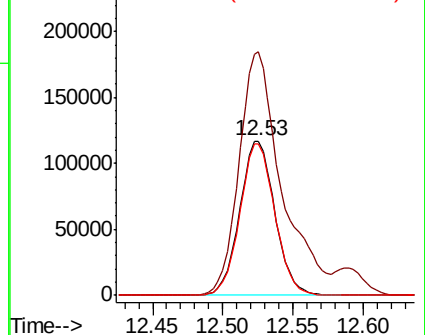
158 97.4 48.7 146.1



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: 48.815 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056564.D

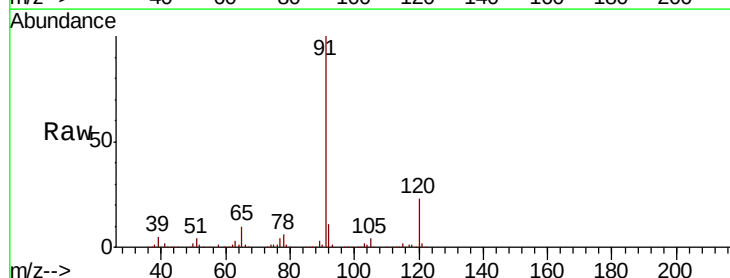
Acq: 1 Jul 2019 11:55

Tgt Ion: 91 Resp: 857790

Ion Ratio Lower Upper

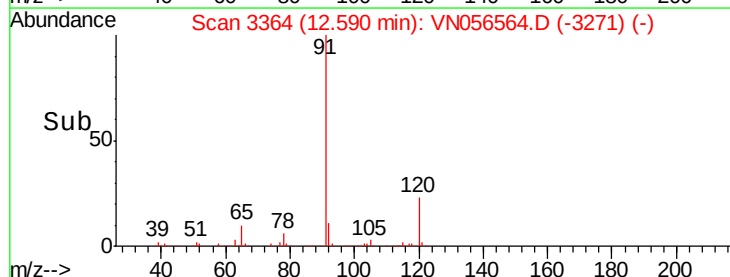
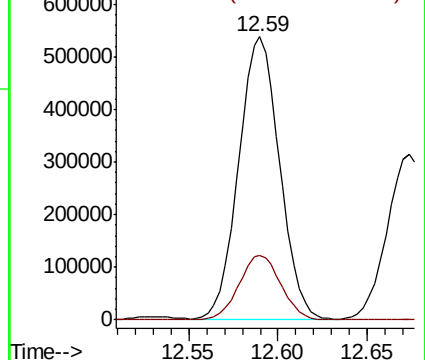
91 100

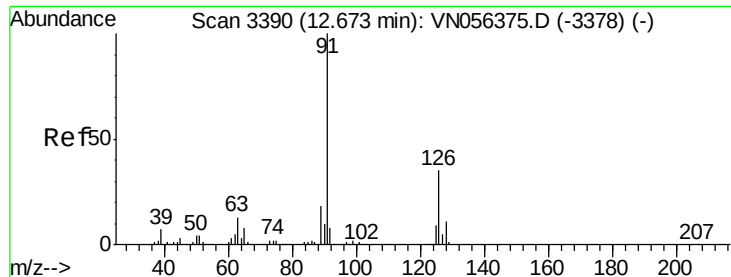
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.630 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

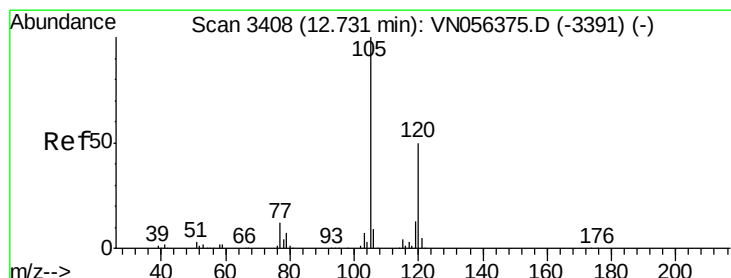
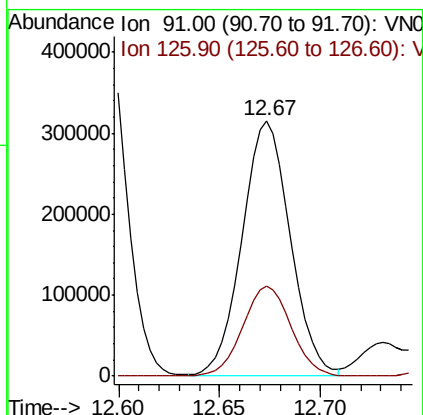
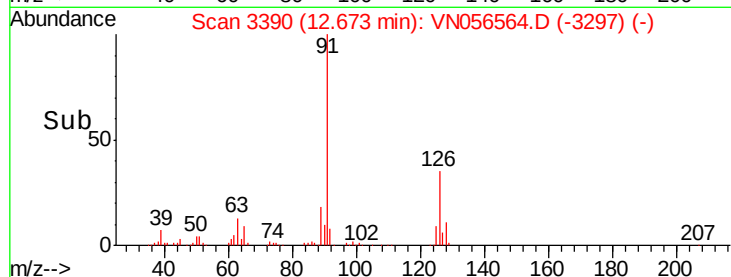
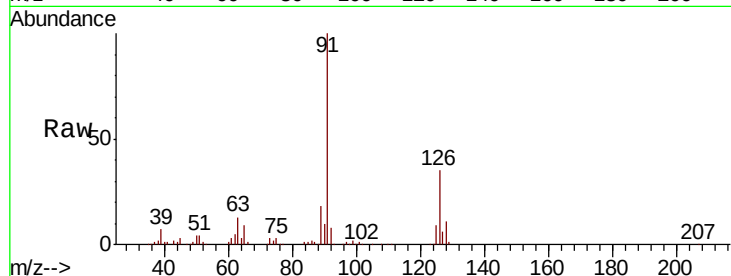
VSTDCCC050

Tot Ion: 91 Resp: 524135

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 54.166 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056564.D

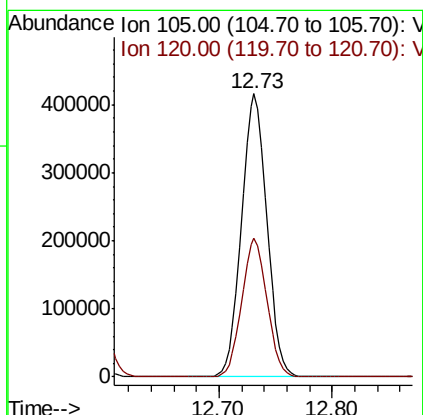
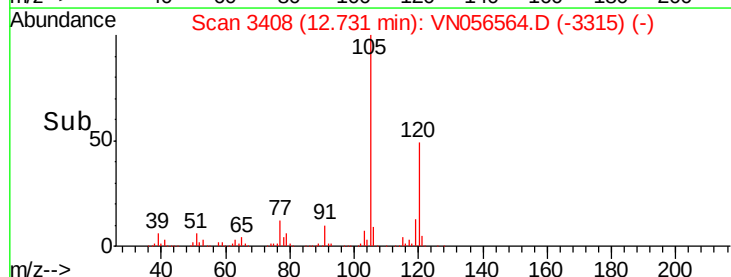
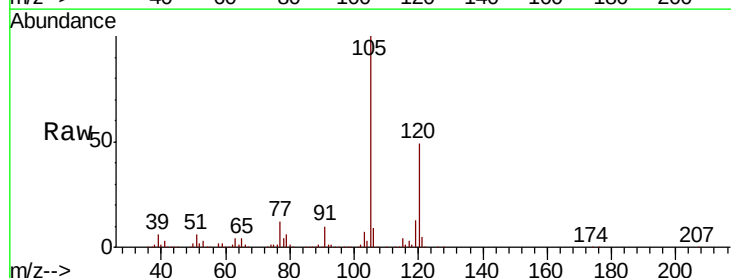
Acq: 1 Jul 2019 11:55

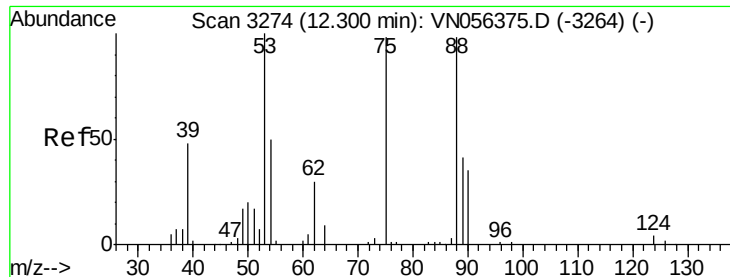
Tgt Ion: 105 Resp: 651847

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.237 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

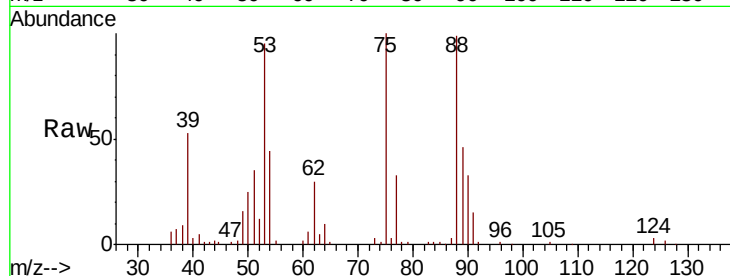
Tot Ion: 75 Resp: 61837

Ion Ratio Lower Upper

75 100

53 97.1 83.9 125.9

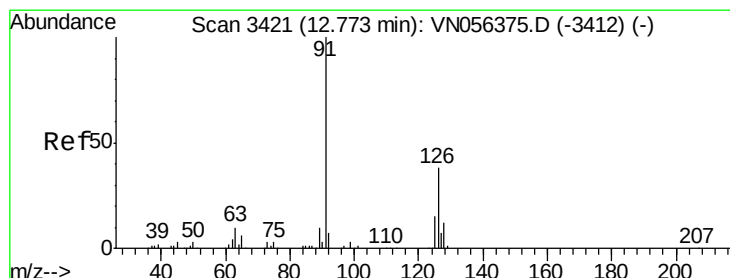
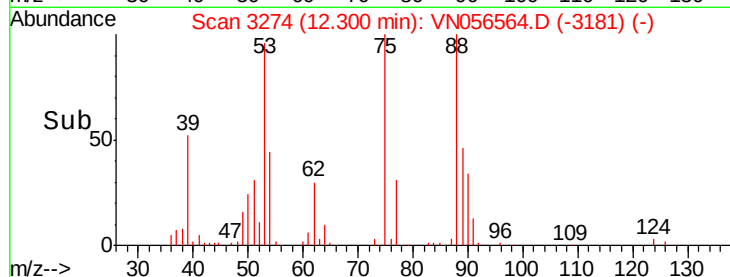
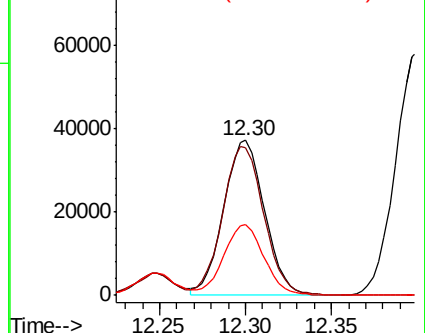
89 44.7 35.0 52.6



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: 49.091 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056564.D

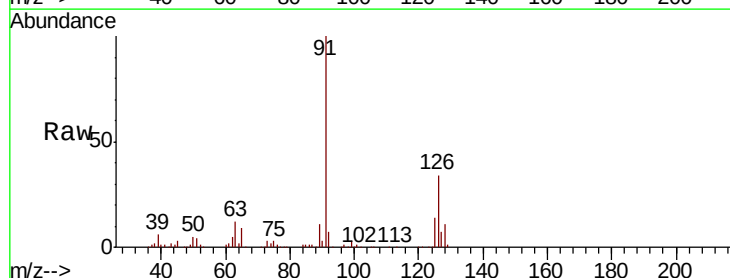
Acq: 1 Jul 2019 11:55

Tgt Ion: 91 Resp: 509338

Ion Ratio Lower Upper

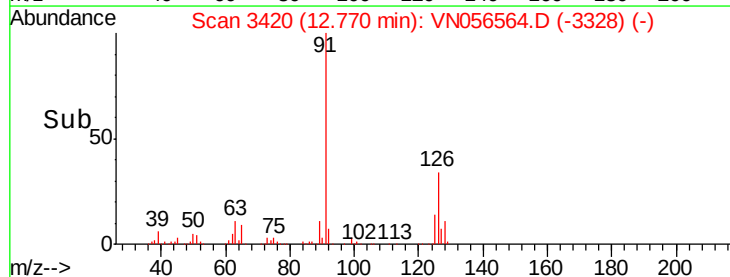
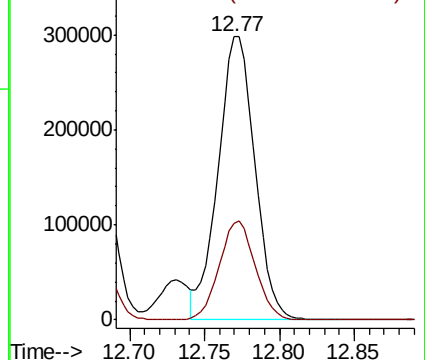
91 100

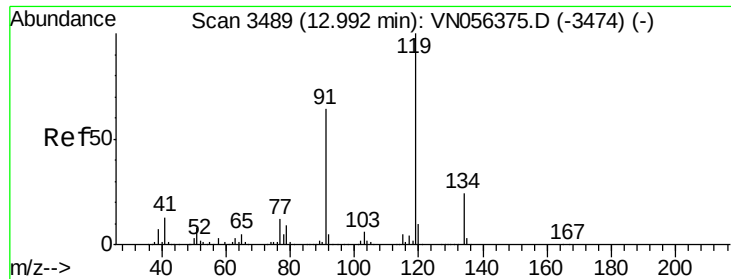
126 34.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

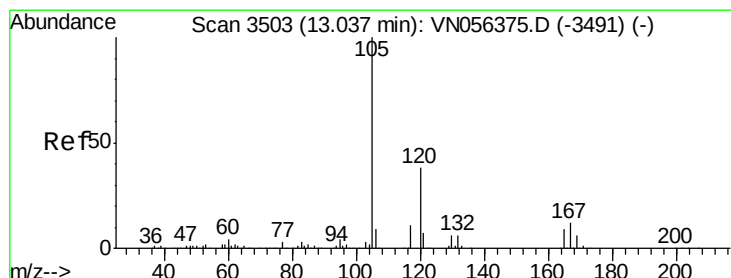
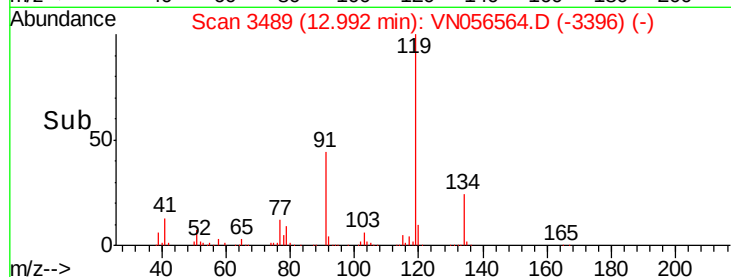
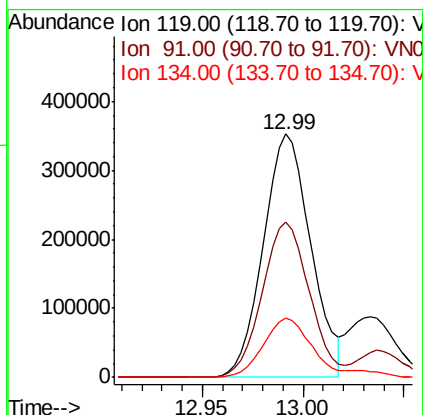
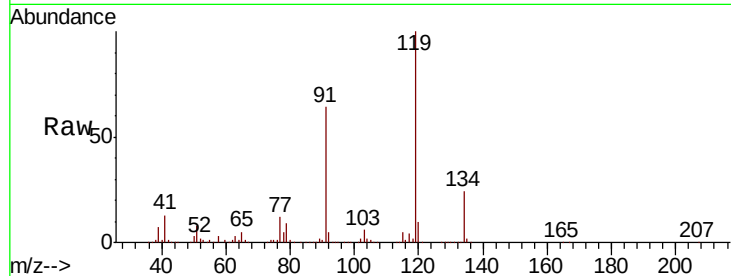




#83
 tert-Butylbenzene
 Concen: 55.243 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

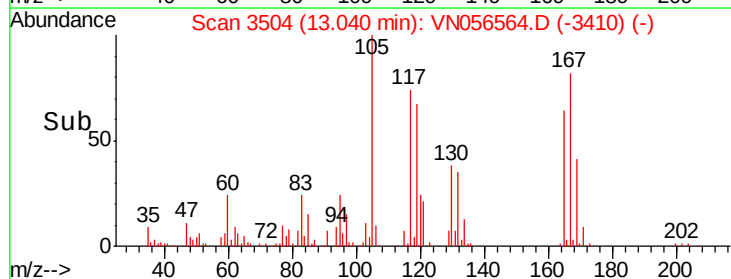
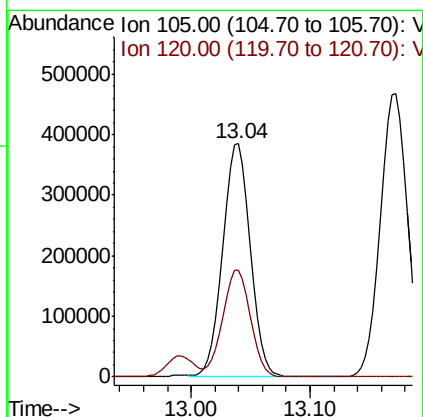
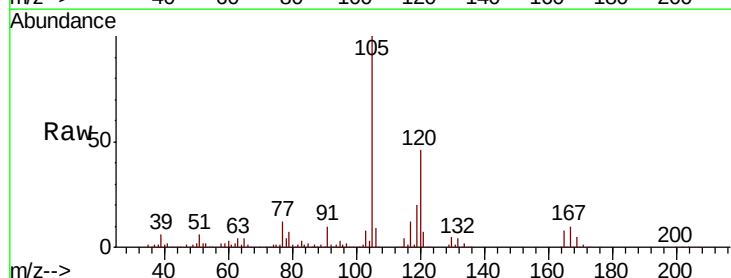
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

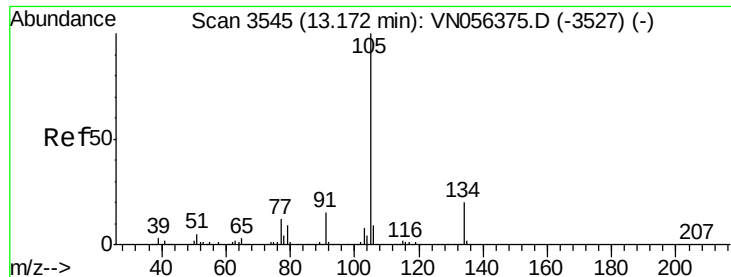
Tot Ion:119 Resp: 578273
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.6 94.7
 134 26.4 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.926 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion:105 Resp: 619103
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.652 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

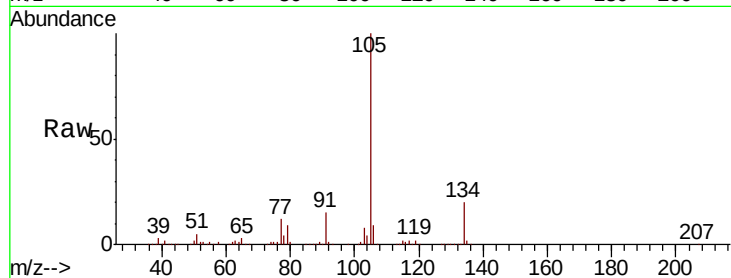
VSTDCCC050

Tot Ion:105 Resp: 751431

Ion Ratio Lower Upper

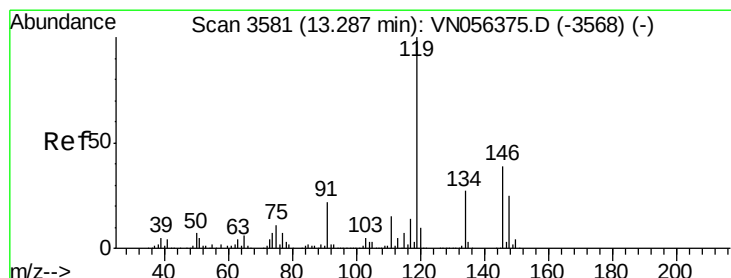
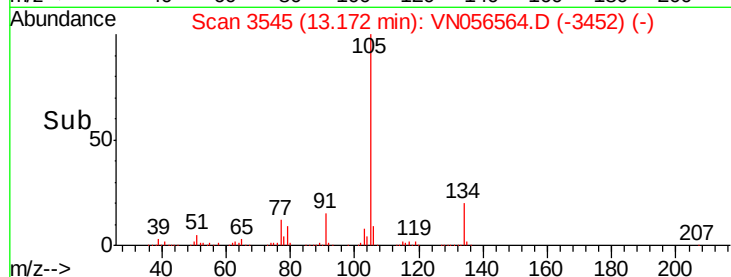
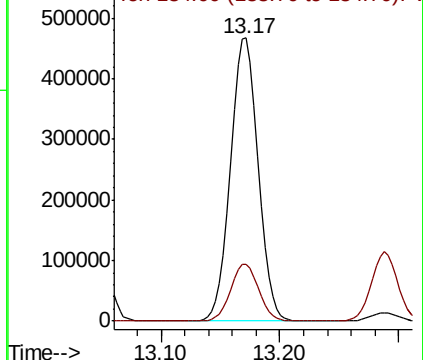
105 100

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



#86

p-Isopropyltoluene

Concen: 48.979 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

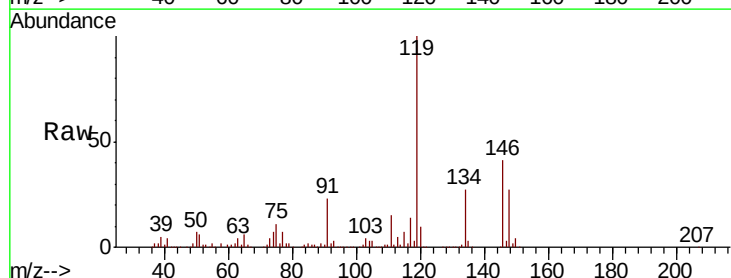
Tgt Ion:119 Resp: 649212

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

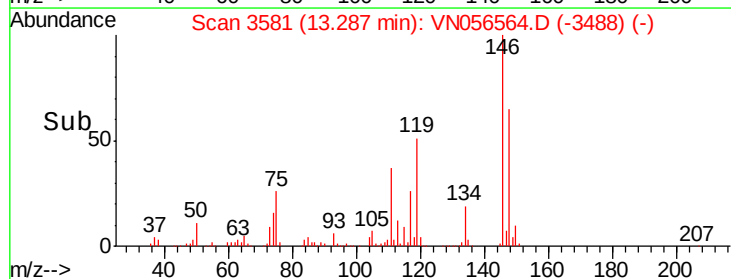
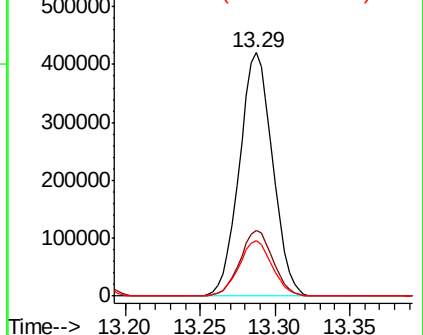
91 22.6 11.2 33.5

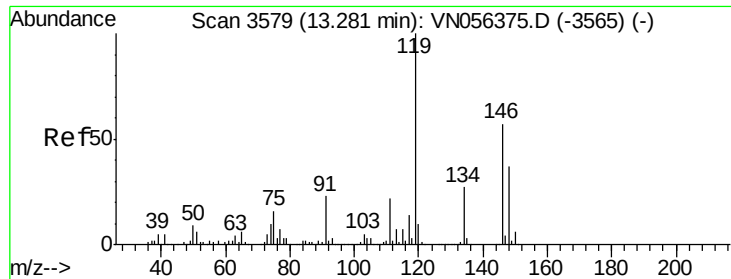


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

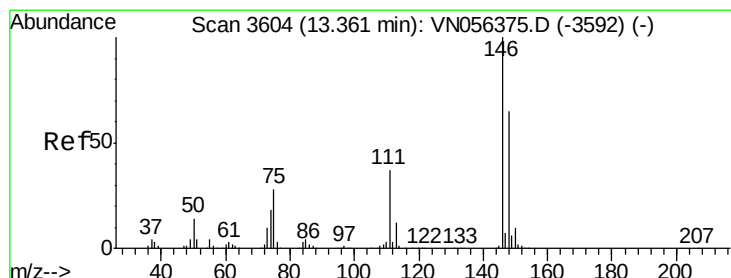
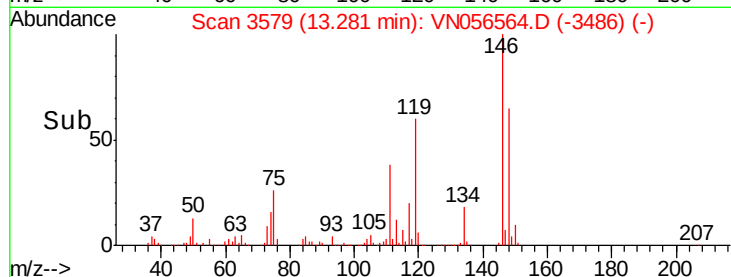
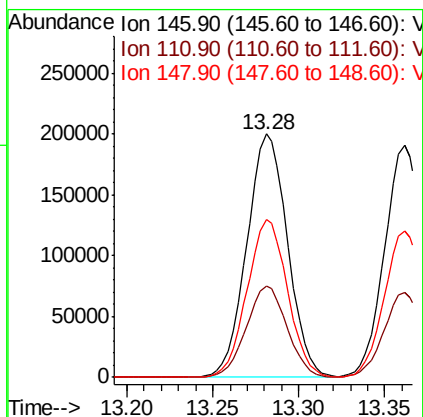
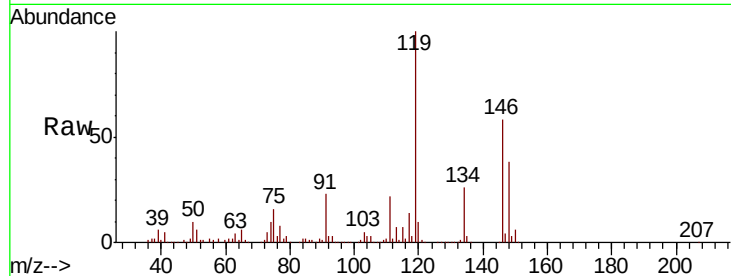




#87
 1,3-Dichlorobenzene
 Concen: 50.643 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

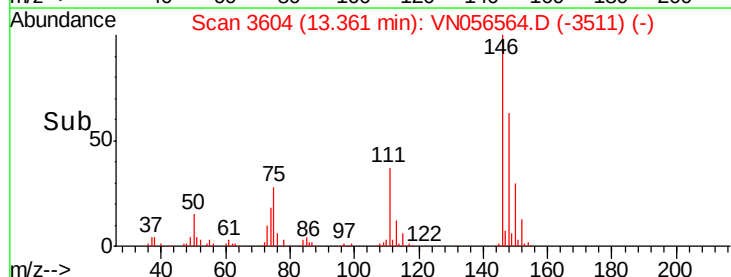
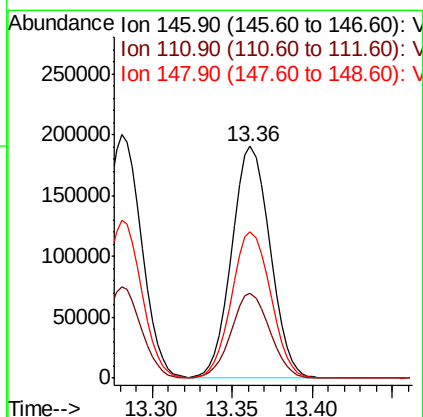
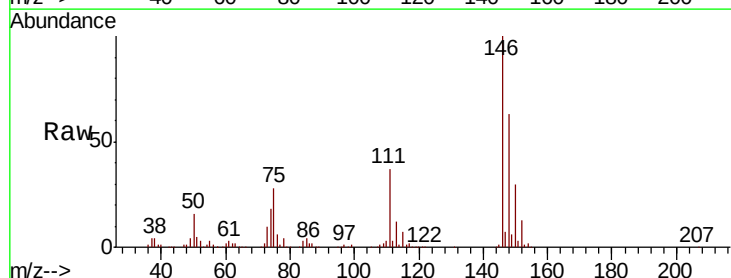
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

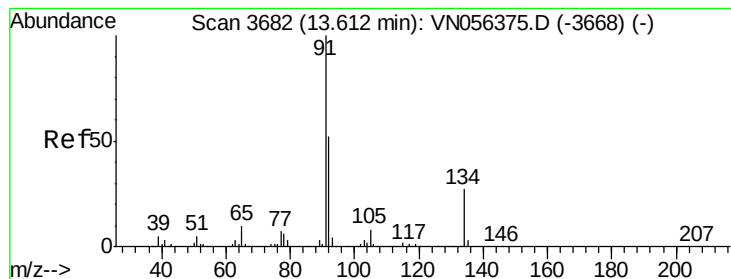
Tot Ion:146 Resp: 329292
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.405 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion:146 Resp: 311117
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 47.090 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

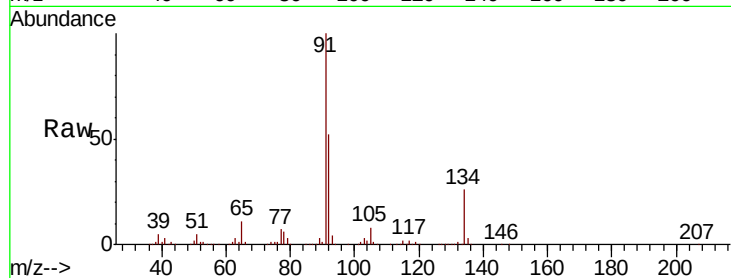
Tot Ion: 91 Resp: 472516

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

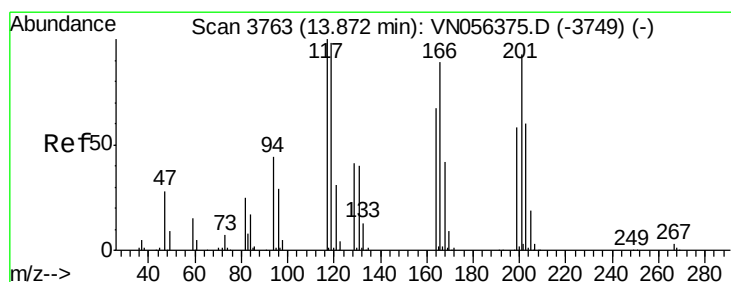
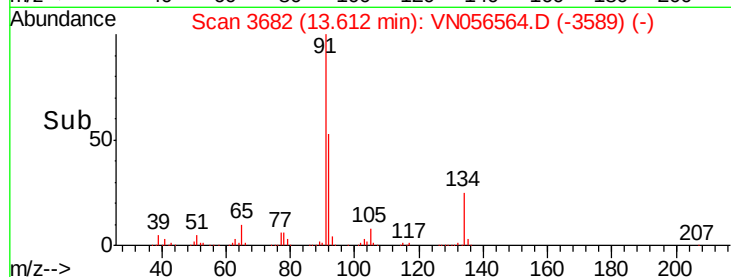
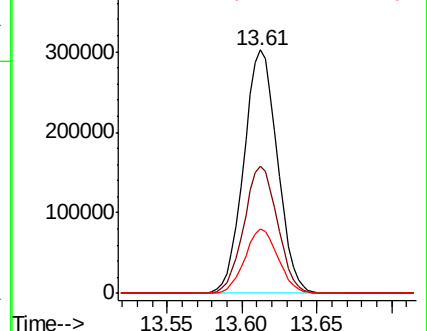
134 26.2 13.4 40.2



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) (-)



#90

Hexachloroethane

Concen: 53.073 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056564.D

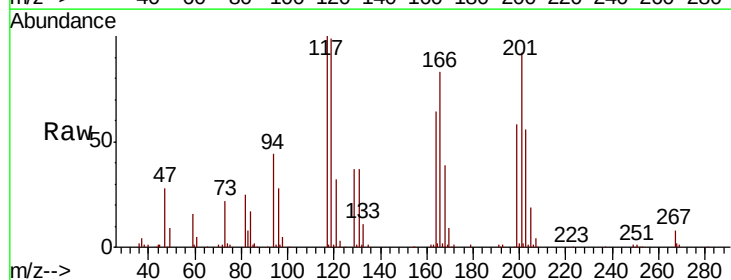
Acq: 1 Jul 2019 11:55

Tgt Ion: 117 Resp: 109675

Ion Ratio Lower Upper

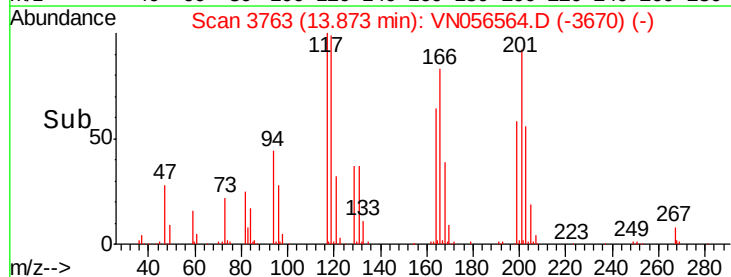
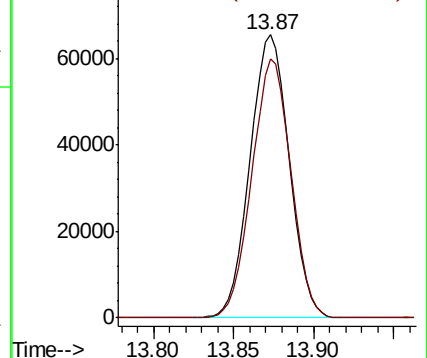
117 100

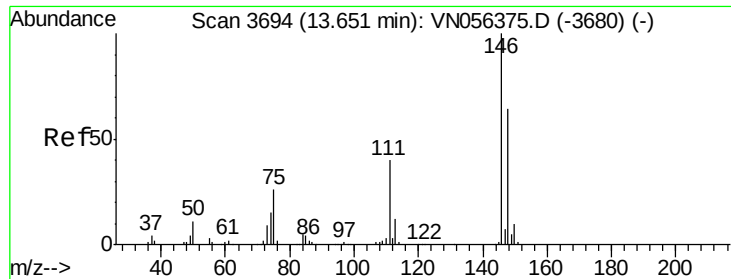
201 91.3 45.9 137.6



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

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

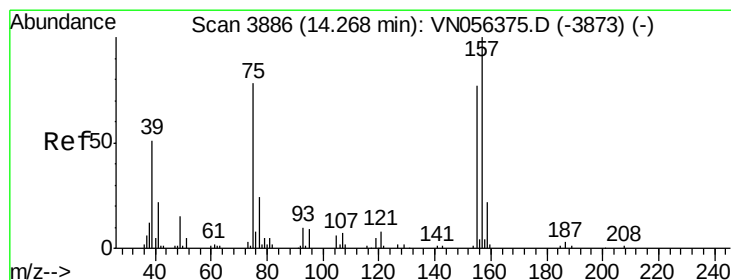
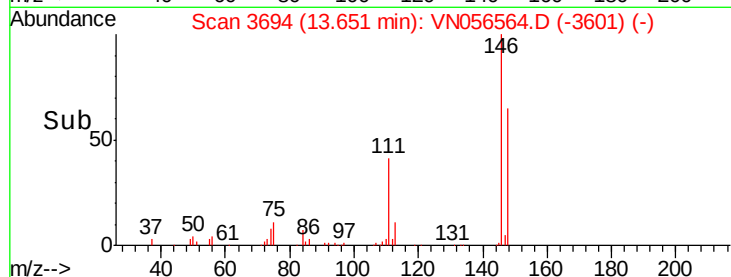
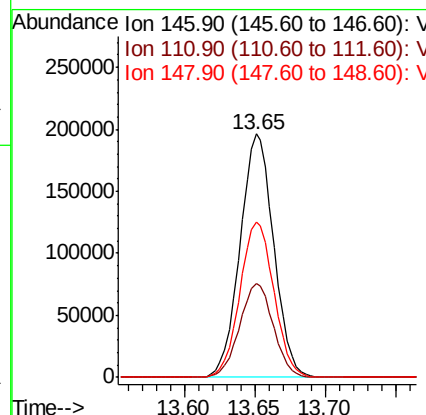
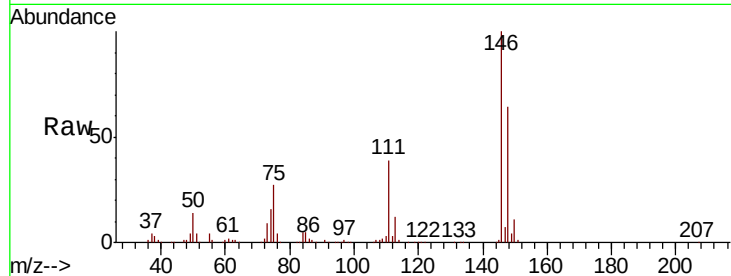




#91
 1,2-Dichlorobenzene
 Concen: 50.736 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

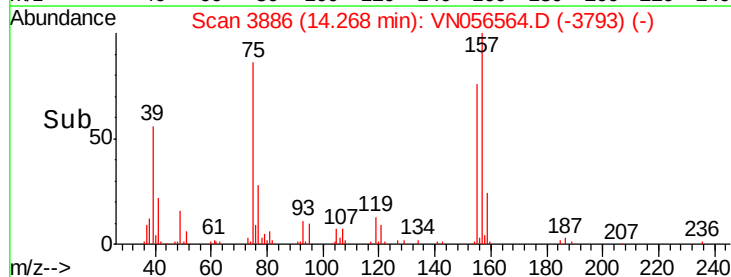
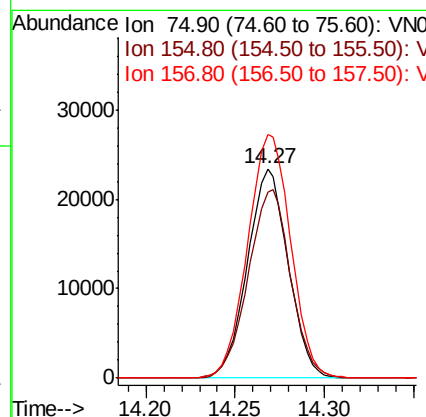
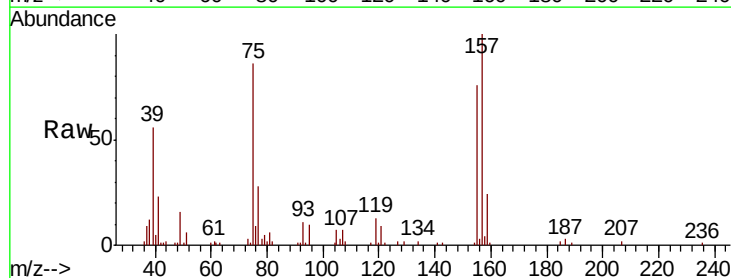
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

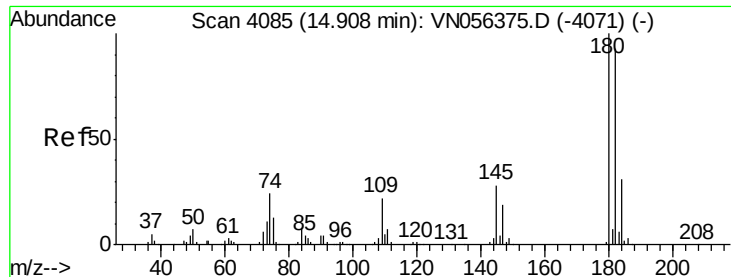
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.9
148	64.6	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.899 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	48.9	146.8
157	122.6	62.9	188.8

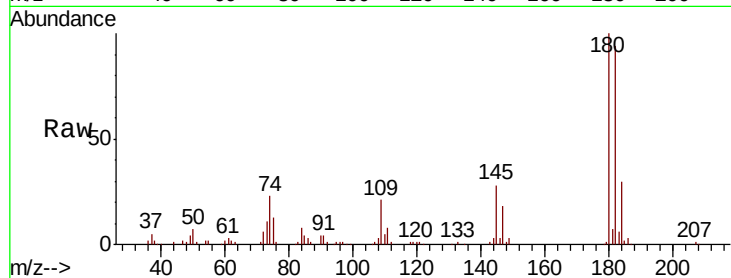




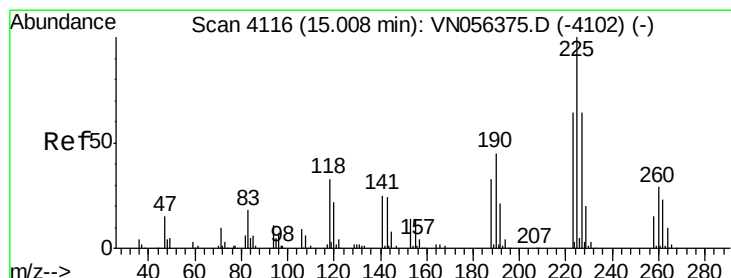
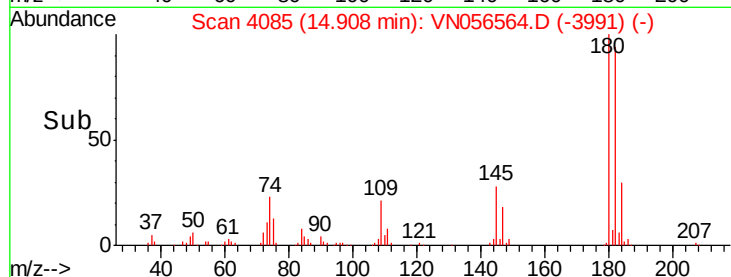
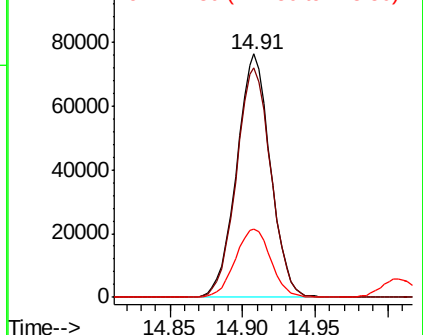
#93
 1,2,4-Trichlorobenzene
 Concen: 38.218 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 123388
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.6
 145 29.4 14.4 43.0

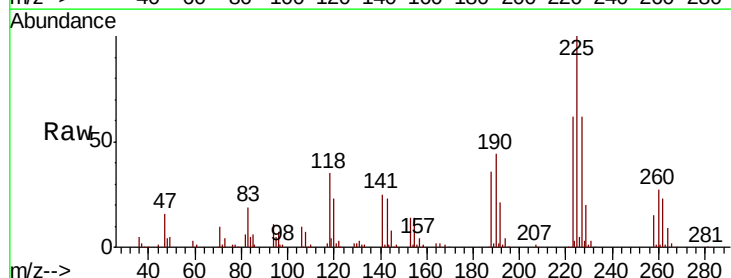


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

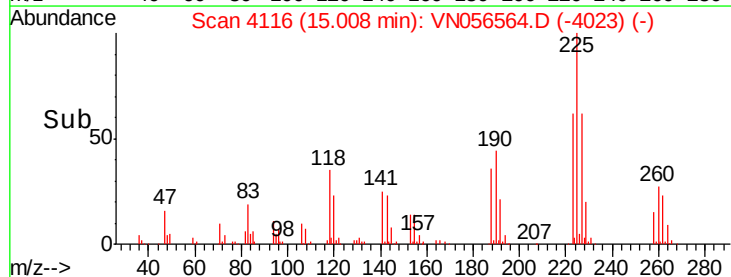
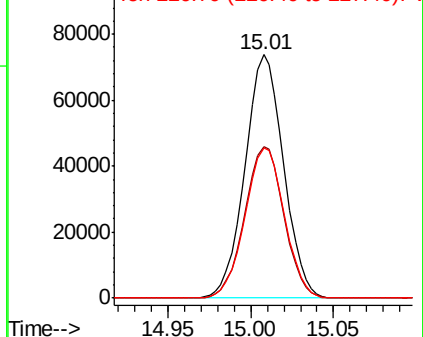


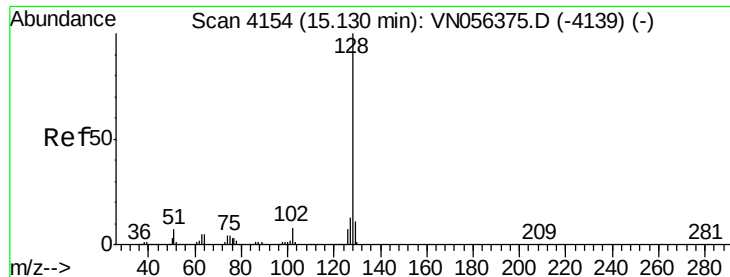
#94
 Hexachlorobutadiene
 Concen: 54.646 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056564.D
 Acq: 1 Jul 2019 11:55

Tgt Ion:225 Resp: 119087
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.3
 227 63.0 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: 38.871 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

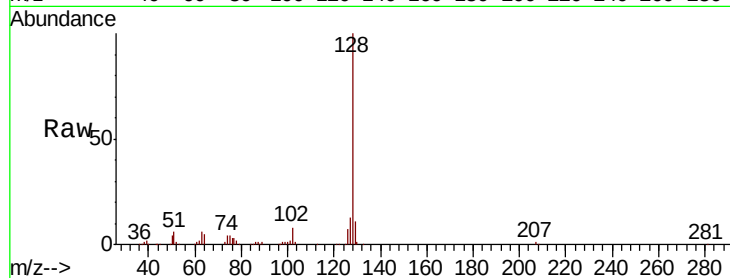
Tot Ion:128 Resp: 329845

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

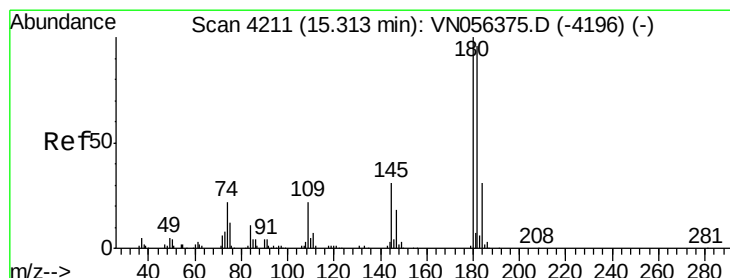
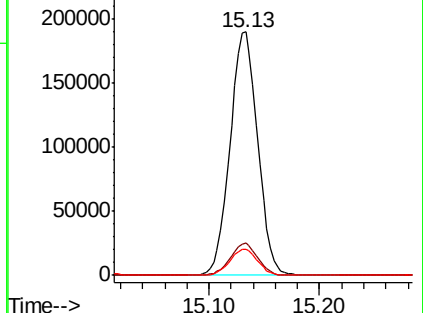
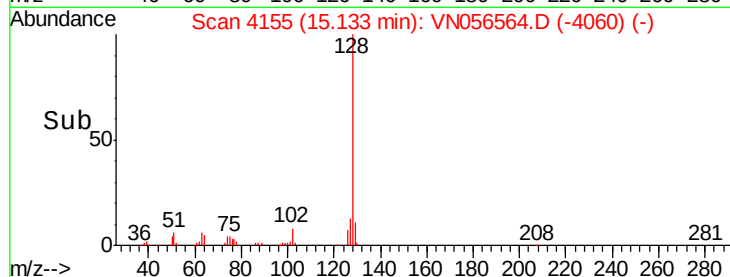
129 10.7 8.6 12.8



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: 40.547 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056564.D

Acq: 1 Jul 2019 11:55

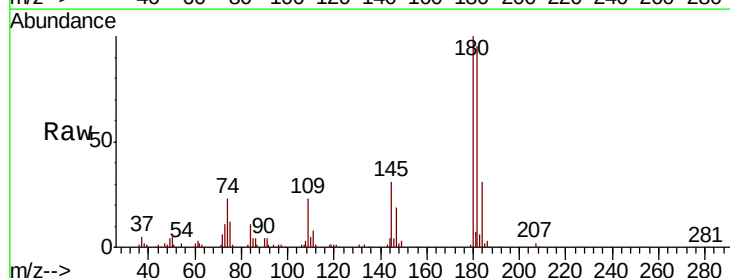
Tgt Ion:180 Resp: 137905

Ion Ratio Lower Upper

180 100

182 96.7 48.3 144.8

145 30.5 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

