

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056471.D
 Acq On : 25 Jun 2019 9:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 03:37:44 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	397515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	592913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	209471	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
35) Dibromofluoromethane	7.59	113	186210	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	700329	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	238530	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	160001	47.535	ug/l	99
3) Chloromethane	2.06	50	201135	43.886	ug/l	100
4) Vinyl Chloride	2.18	62	205436	46.410	ug/l	99
5) Bromomethane	2.55	94	129937	50.071	ug/l	100
6) Chloroethane	2.69	64	119723	46.703	ug/l	100
7) Trichlorofluoromethane	3.00	101	273086	47.692	ug/l	99
8) Diethyl Ether	3.41	74	116325	48.002	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	177335	48.564	ug/l	99
10) Methyl Iodide	3.95	142	244668	49.575	ug/l	100
11) Tert butyl alcohol	4.79	59	181217	244.217	ug/l	100
12) 1,1-Dichloroethene	3.73	96	166641	47.455	ug/l	98
13) Acrolein	3.60	56	144871	231.646	ug/l	100
14) Allyl chloride	4.32	41	290111	49.630	ug/l	99
15) Acrylonitrile	4.99	53	522874	254.709	ug/l	100
16) Acetone	3.82	43	588264	266.506	ug/l	100
17) Carbon Disulfide	4.05	76	362387	45.372	ug/l	100
18) Methyl Acetate	4.32	43	223256	51.670	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	581108	50.011	ug/l	99
20) Methylene Chloride	4.55	84	198360	47.628	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	177882	46.984	ug/l	98
22) Diisopropyl ether	5.95	45	607682	49.500	ug/l	97
23) Vinyl Acetate	5.89	43	2599124	268.428	ug/l	99
24) 1,1-Dichloroethane	5.84	63	343532	48.749	ug/l	99
25) 2-Butanone	6.84	43	769812	263.508	ug/l	99
26) 2,2-Dichloropropane	6.82	77	261412	53.336	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	215495	48.651	ug/l	99
28) Bromochloromethane	7.19	49	165053	47.352	ug/l	98
29) Tetrahydrofuran	7.21	42	462172	258.880	ug/l	99
30) Chloroform	7.37	83	339653	48.845	ug/l	100
31) Cyclohexane	7.65	56	307649	45.221	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	280424	50.877	ug/l	99
36) 1,1-Dichloropropene	7.79	75	254988	48.860	ug/l	100
37) Ethyl Acetate	6.93	43	275944	53.805	ug/l	98
38) Carbon Tetrachloride	7.77	117	236110	51.737	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	317408	49.291	ug/l	100
40) Benzene	8.04	78	783648	48.817	ug/l	98
41) Methacrylonitrile	7.17	41	137062	60.521	ug/l	85
42) 1,2-Dichloroethane	8.12	62	257261	48.561	ug/l	99
43) Isopropyl Acetate	8.16	43	438356	55.430	ug/l	99
44) Trichloroethene	8.83	130	213379	49.345	ug/l	99
45) 1,2-Dichloropropane	9.12	63	214204	49.895	ug/l	98
46) Dibromomethane	9.21	93	136789	50.928	ug/l	99
47) Bromodichloromethane	9.40	83	255876	53.714	ug/l	99
48) Methyl methacrylate	9.20	41	206434	52.091	ug/l	99
49) 1,4-Dioxane	9.20	88	62723	762.681	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	1368859	268.180	ug/l	100
52) Toluene	10.16	92	482045	49.117	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	277317	49.984	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	318487	55.519	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	201995	51.204	ug/l	98
56) Ethyl methacrylate	10.43	69	309762	53.730	ug/l	99
57) 1,3-Dichloropropane	10.71	76	334854	50.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	495599	239.286	ug/l	100
59) 2-Hexanone	10.75	43	1003519	267.502	ug/l	99
60) Dibromochloromethane	10.90	129	205717	50.699	ug/l	98
61) 1,2-Dibromoethane	11.00	107	211196	52.417	ug/l	99
64) Tetrachloroethene	10.63	164	197131	47.890	ug/l	99
65) Chlorobenzene	11.43	112	516375	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195370	55.346	ug/l	99
67) Ethyl Benzene	11.51	91	921535	50.250	ug/l	99
68) m/p-Xylenes	11.62	106	685545	102.003	ug/l	99
69) o-Xylene	11.95	106	336362	50.587	ug/l	99
70) Styrene	11.96	104	561262	52.809	ug/l	99
71) Bromoform	12.13	173	144802	50.795	ug/l #	100
73) Isopropylbenzene	12.25	105	905805	55.275	ug/l	100
74) N-amyl acetate	12.07	43	345647	49.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286054	56.495	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	337817	74.290	ug/l #	100
77) Bromobenzene	12.53	156	229888	46.882	ug/l	97
78) n-propylbenzene	12.59	91	985672	49.080	ug/l	100
79) 2-Chlorotoluene	12.67	91	590958	53.859	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	740491	53.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	77034	60.210	ug/l	93
82) 4-Chlorotoluene	12.77	91	571402	48.188	ug/l	100
83) tert-Butylbenzene	12.99	119	659705	55.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	714188	48.376	ug/l	100
85) sec-Butylbenzene	13.17	105	865260	49.019	ug/l	100
86) p-Isopropyltoluene	13.29	119	755953	49.902	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	371758	50.027	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	358965	49.877	ug/l	100
89) n-Butylbenzene	13.61	91	582532	50.797	ug/l	100
90) Hexachloroethane	13.87	117	125869	53.295	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	367121	49.794	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44402	54.720	ug/l	99

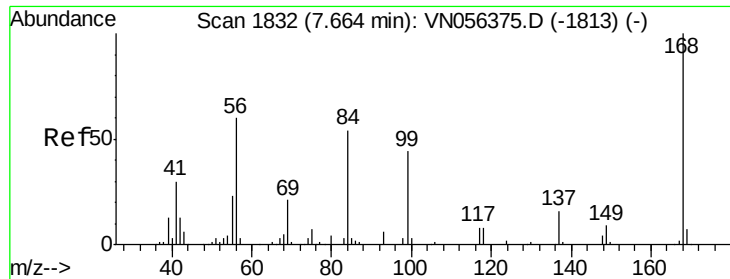
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159624	42.520	ug/l	100
94) Hexachlorobutadiene	15.01	225	140725	56.569	ug/l	99
95) Naphthalene	15.13	128	417952	42.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	175173	44.567	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

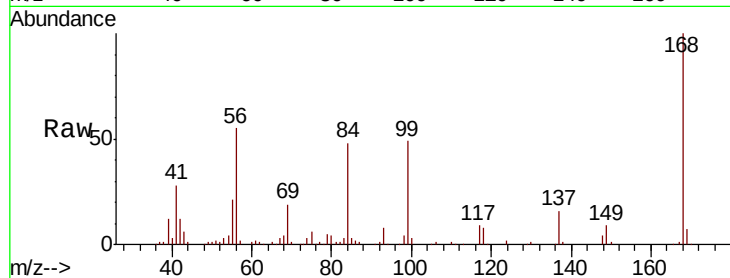
VSTDCCC050

Tot Ion:168 Resp: 397515

Ion Ratio Lower Upper

168 100

99 49.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

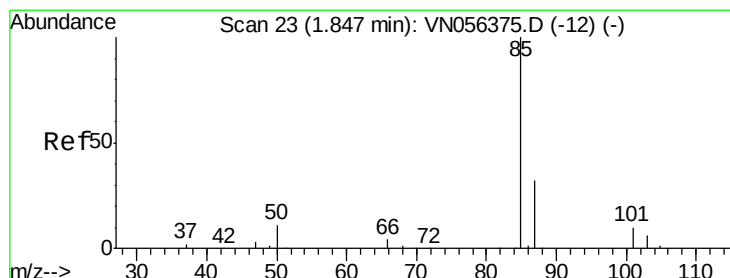
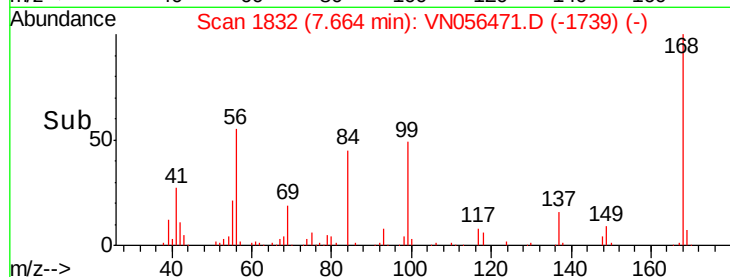
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 47.535 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056471.D

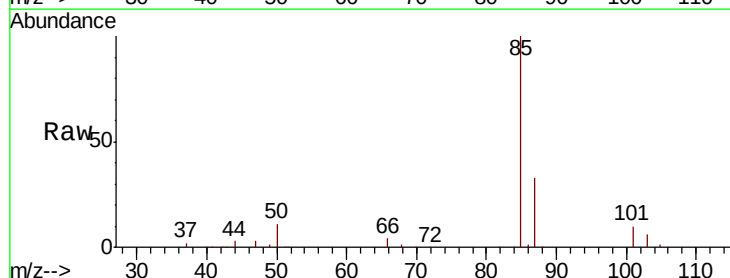
Acq: 25 Jun 2019 9:06

Tgt Ion: 85 Resp: 160001

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

120000

100000

80000

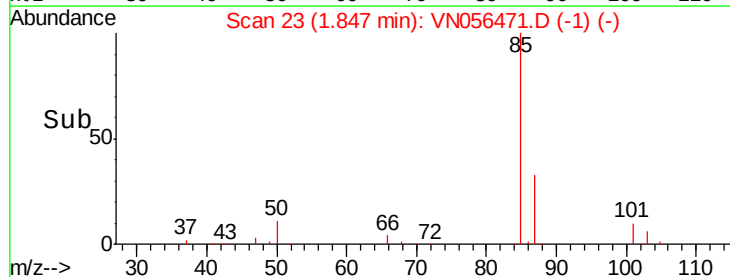
60000

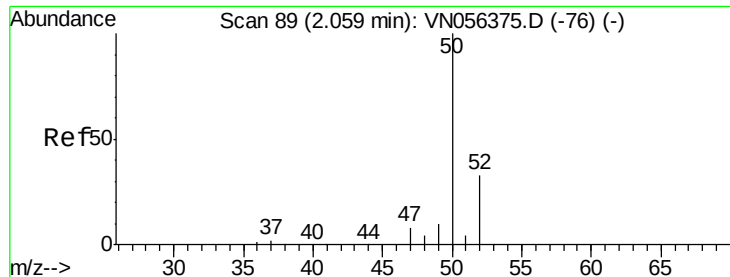
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 43.886 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

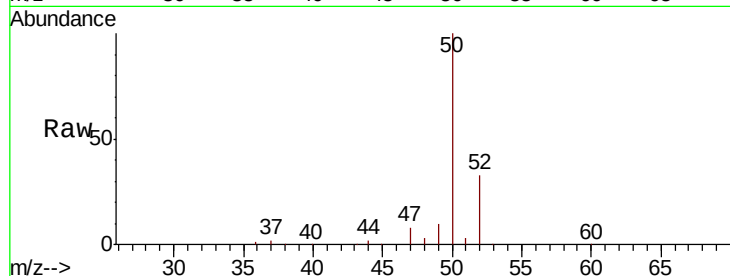
VSTDCCC050

Tot Ion: 50 Resp: 201135

Ion Ratio Lower Upper

50 100

52 33.2 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

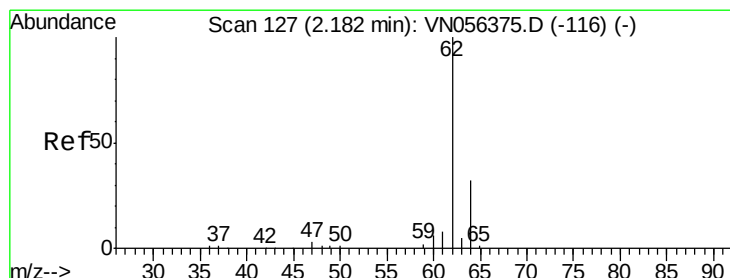
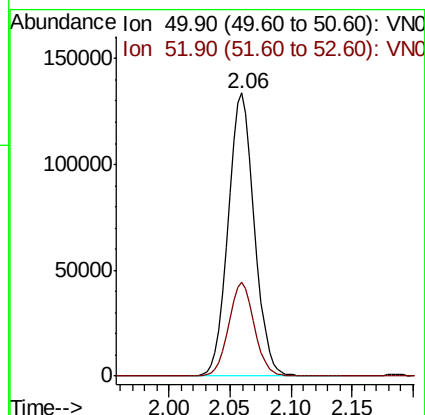
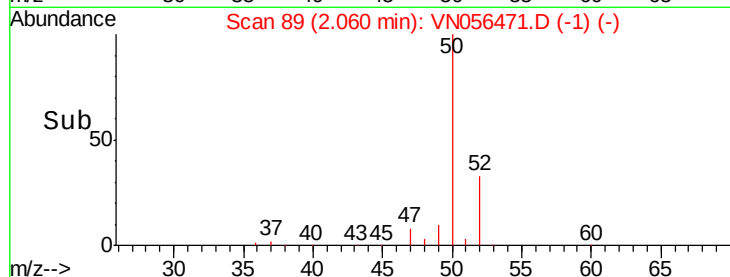
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.410 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056471.D

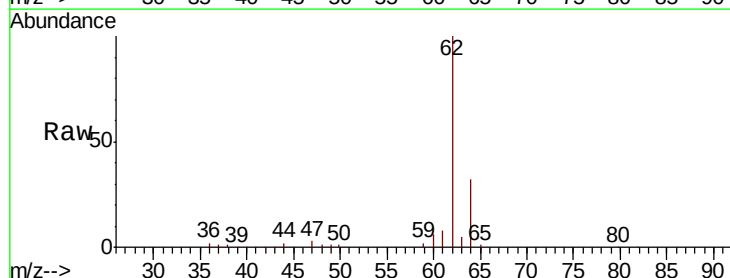
Acq: 25 Jun 2019 9:06

Tgt Ion: 62 Resp: 205436

Ion Ratio Lower Upper

62 100

64 31.6 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

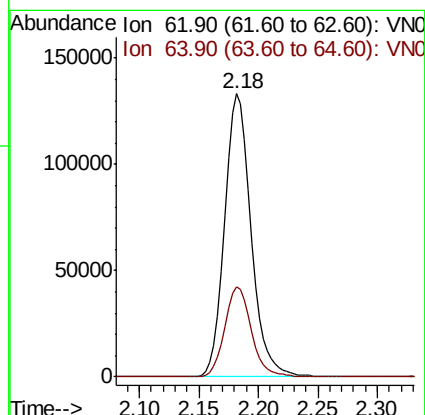
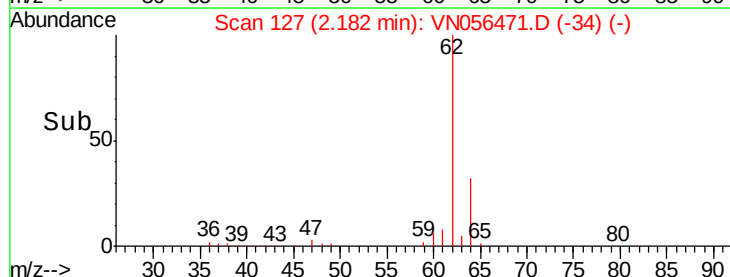
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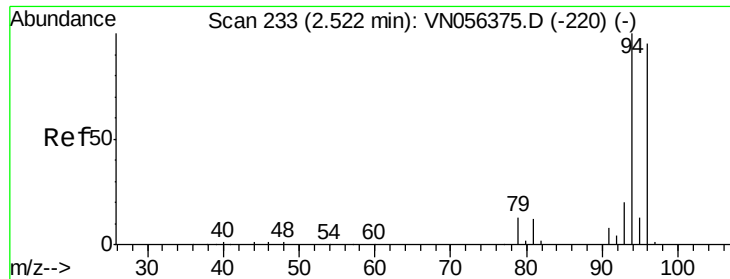
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.071 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

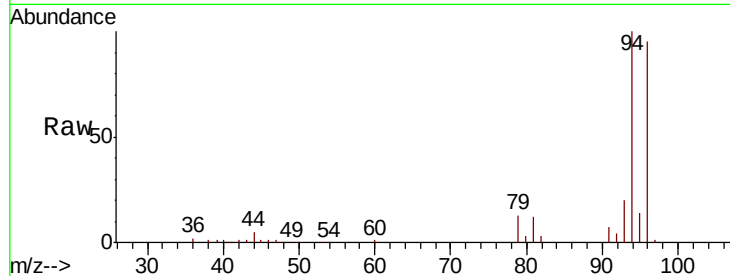
VSTDCCC050

Tot Ion: 94 Resp: 129937

Ion Ratio Lower Upper

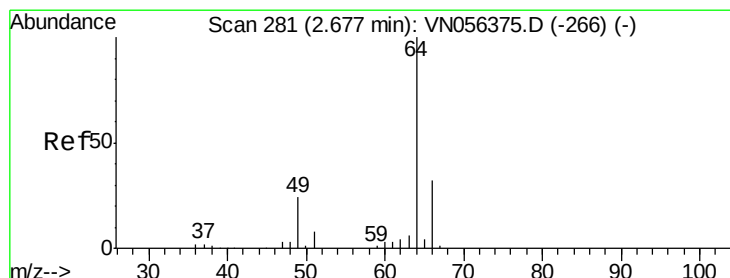
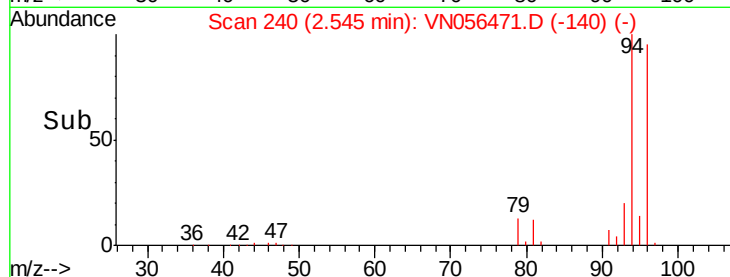
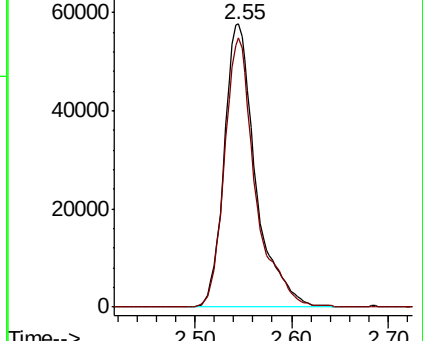
94 100

96 95.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.703 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN056471.D

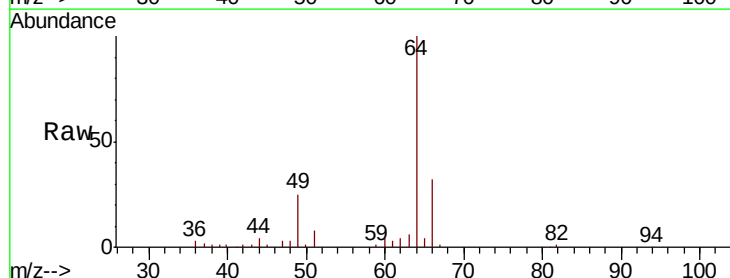
Acq: 25 Jun 2019 9:06

Tgt Ion: 64 Resp: 119723

Ion Ratio Lower Upper

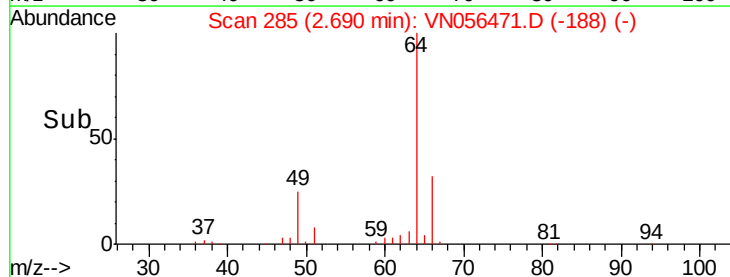
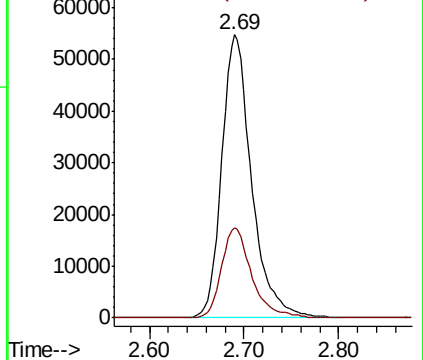
64 100

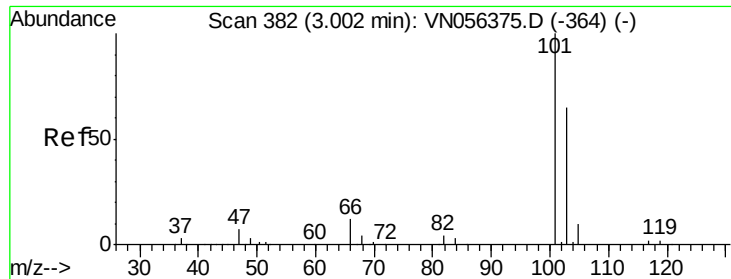
66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



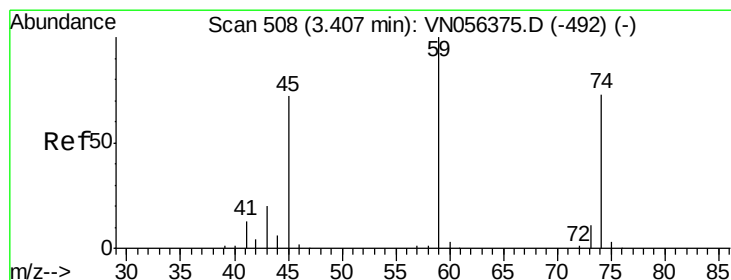
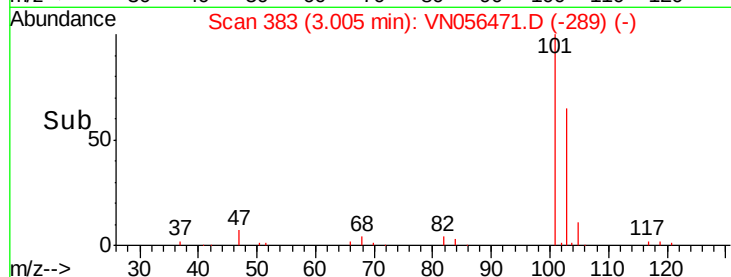
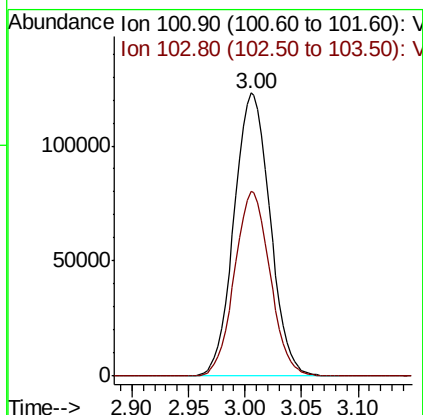
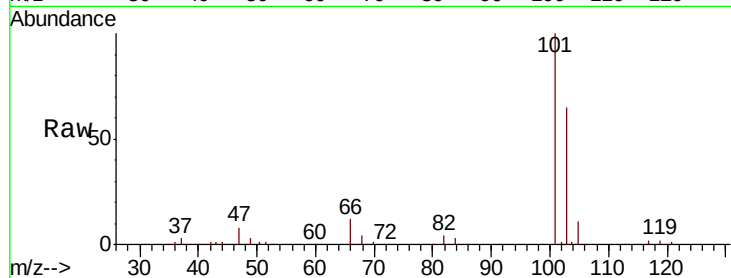


#7

Trichlorofluoromethane
Concen: 47.692 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
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VSTDCCC050

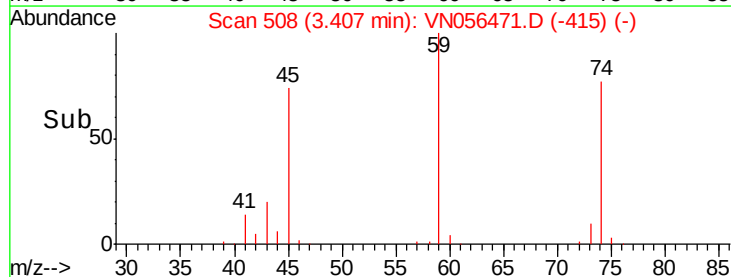
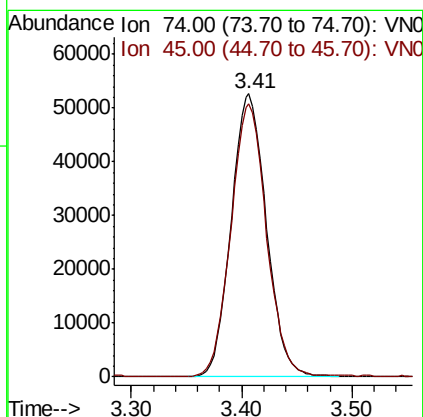
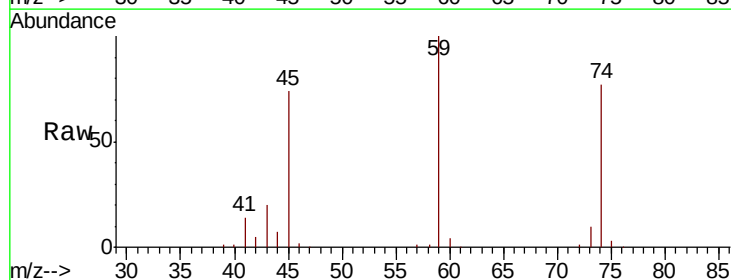
Tot Ion:101 Resp: 273086
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

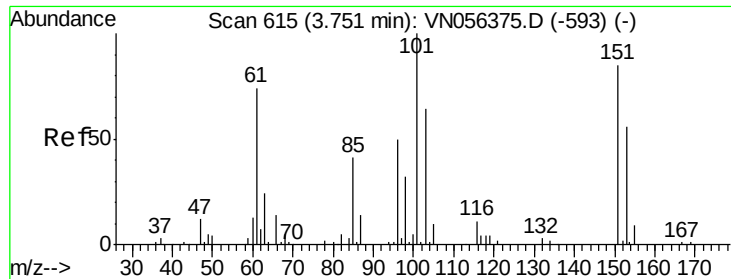


#8

Diethyl Ether
Concen: 48.002 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 74 Resp: 116325
Ion Ratio Lower Upper
74 100
45 97.8 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.564 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

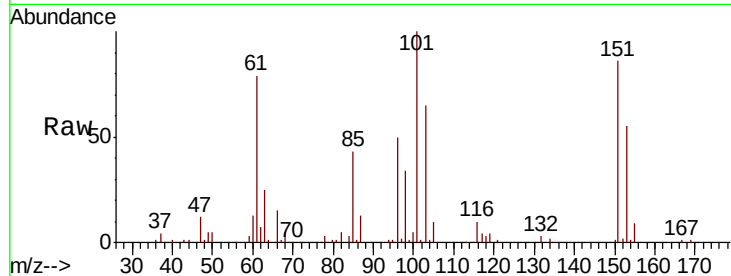
Tot Ion:101 Resp: 177335

Ion Ratio Lower Upper

101 100

85 41.5 32.7 49.1

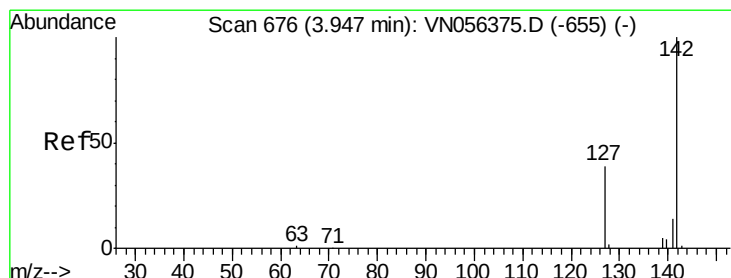
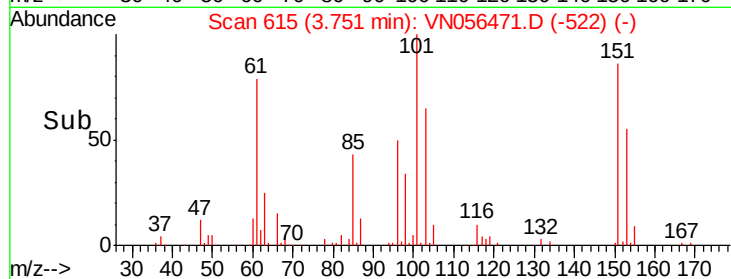
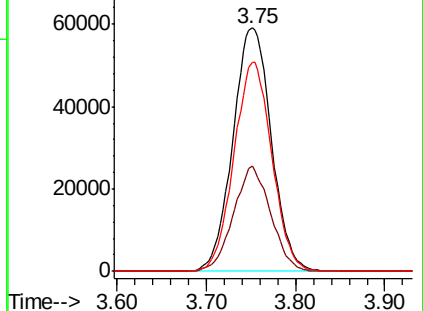
151 84.6 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.575 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

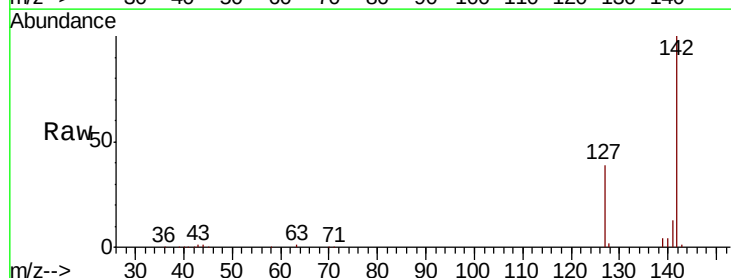
Tgt Ion:142 Resp: 244668

Ion Ratio Lower Upper

142 100

127 38.3 30.6 46.0

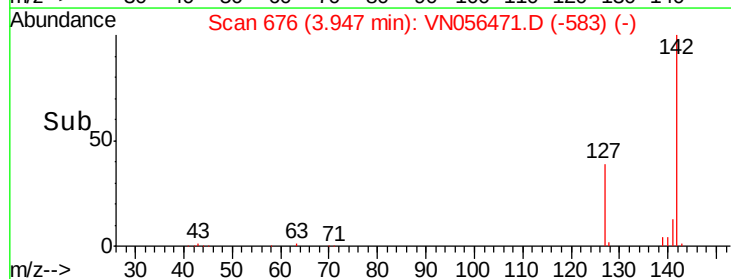
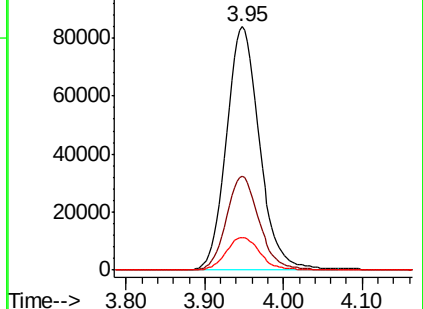
141 13.8 11.4 17.2

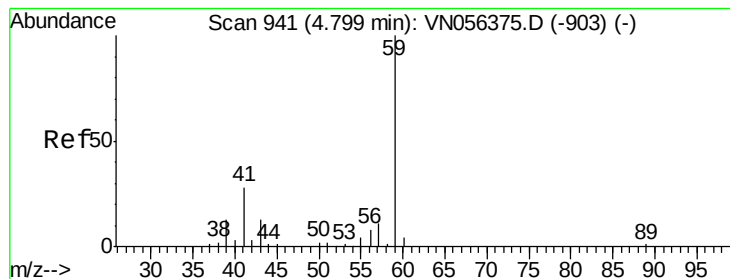


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



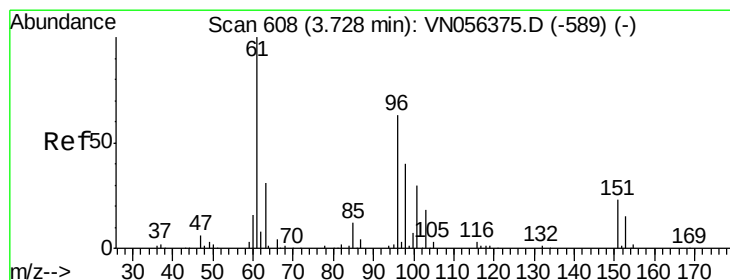
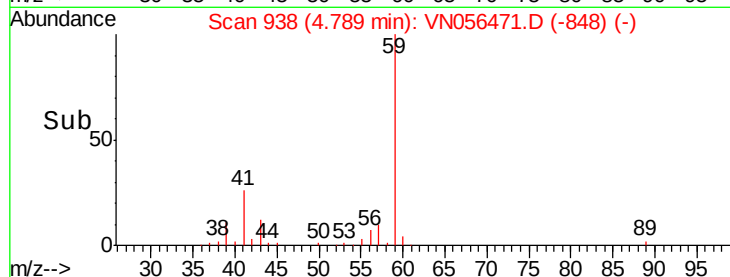
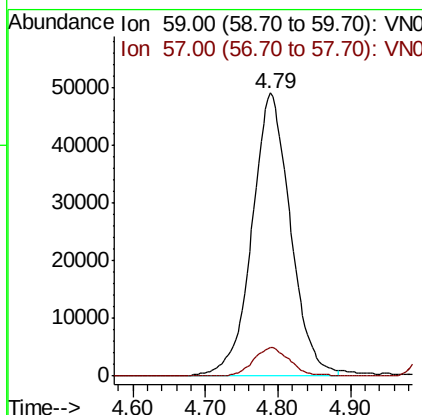
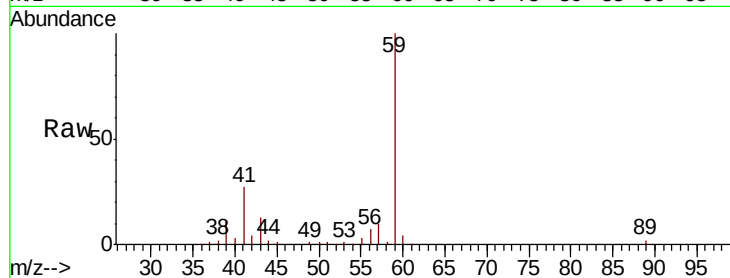


#11

Tert butyl alcohol
 Concen: 244.217 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

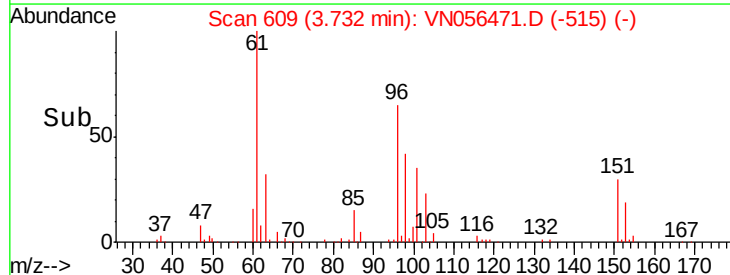
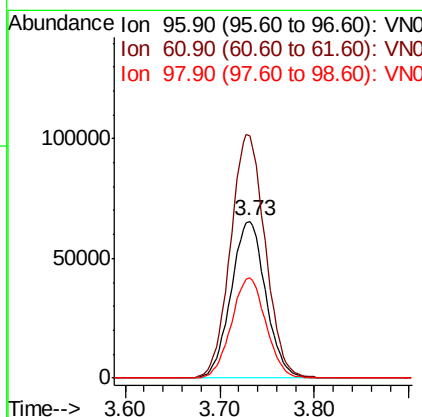
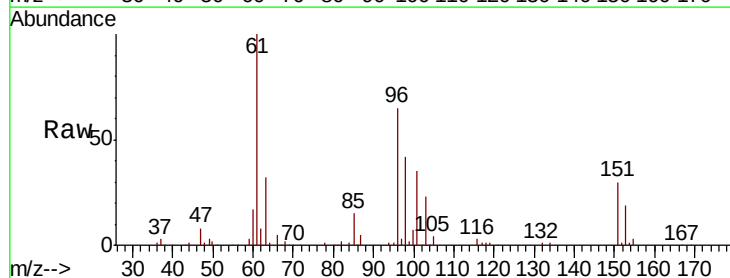
Tot Ion: 59 Resp: 181217
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

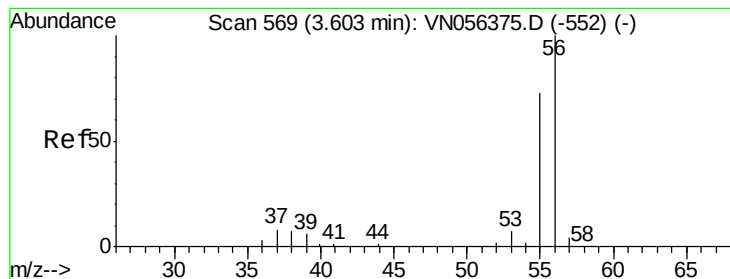


#12

1,1-Dichloroethene
 Concen: 47.455 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 96 Resp: 166641
 Ion Ratio Lower Upper
 96 100
 61 154.2 126.6 190.0
 98 64.2 51.1 76.7





#13

Acrolein

Concen: 231.646 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

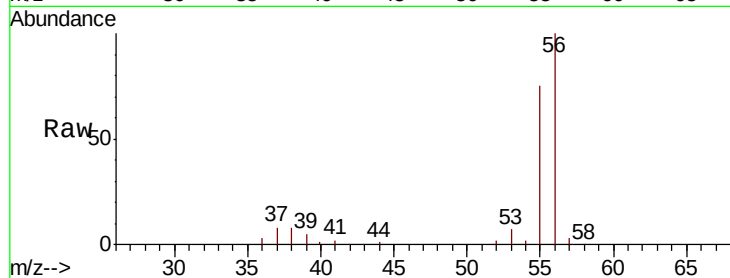
VSTDCCC050

Tot Ion: 56 Resp: 144871

Ion Ratio Lower Upper

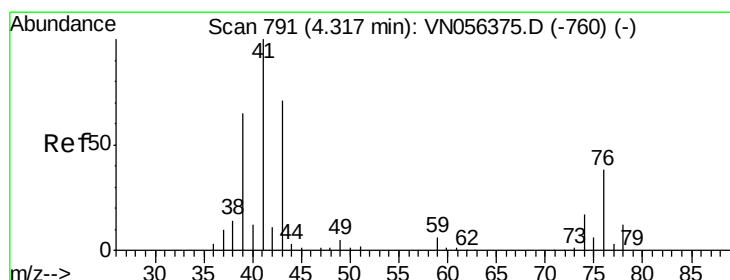
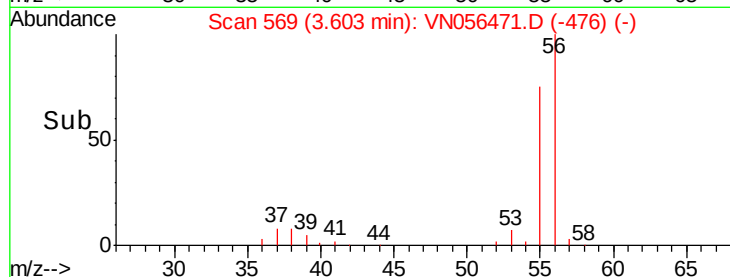
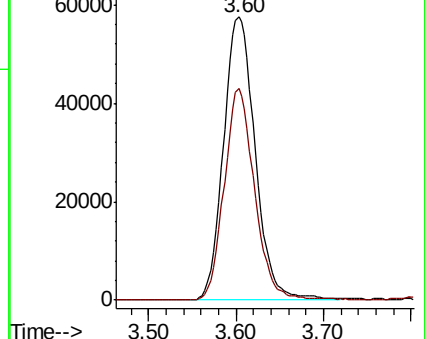
56 100

55 71.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.630 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

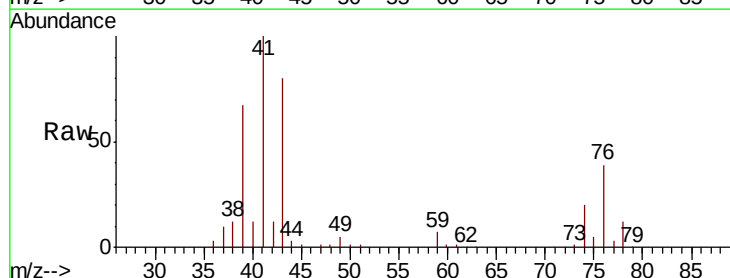
Tgt Ion: 41 Resp: 290111

Ion Ratio Lower Upper

41 100

39 61.3 48.6 73.0

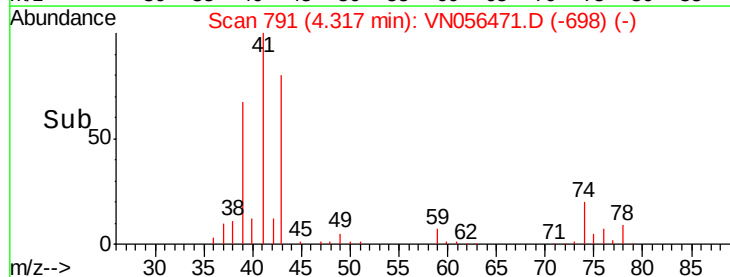
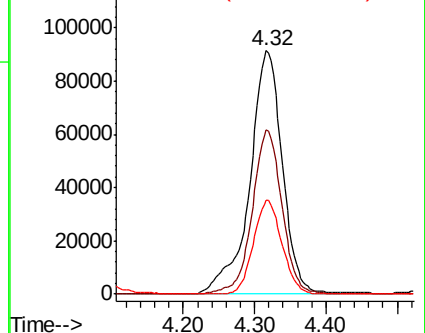
76 33.6 26.6 40.0

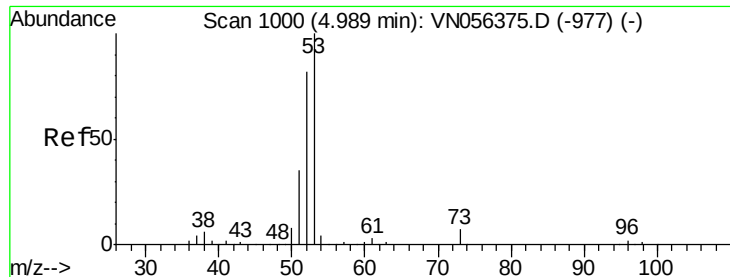


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 254.709 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

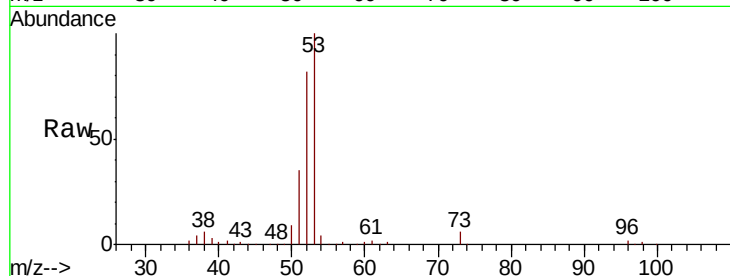
Tot Ion: 53 Resp: 522874

Ion Ratio Lower Upper

53 100

52 82.7 65.9 98.9

51 35.2 28.3 42.5

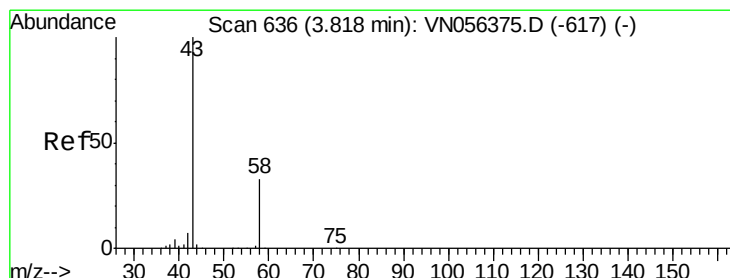
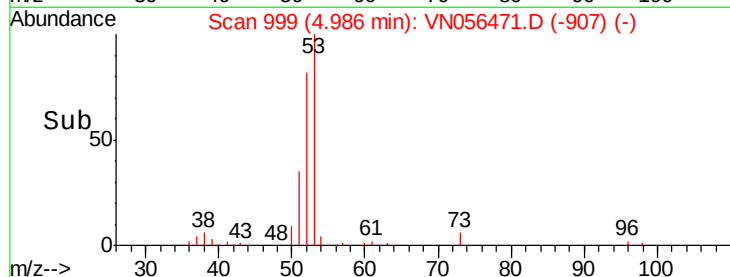
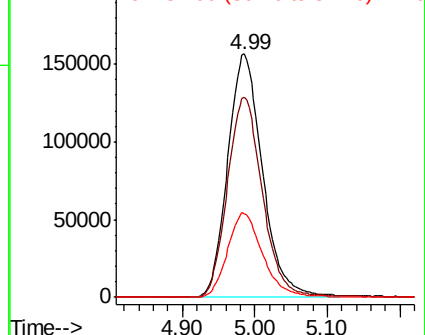


Abundance

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: 266.506 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056471.D

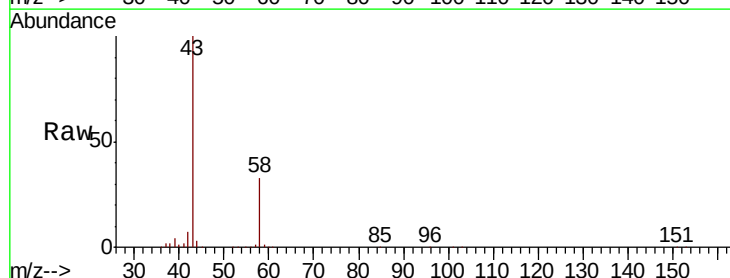
Acq: 25 Jun 2019 9:06

Tgt Ion: 43 Resp: 588264

Ion Ratio Lower Upper

43 100

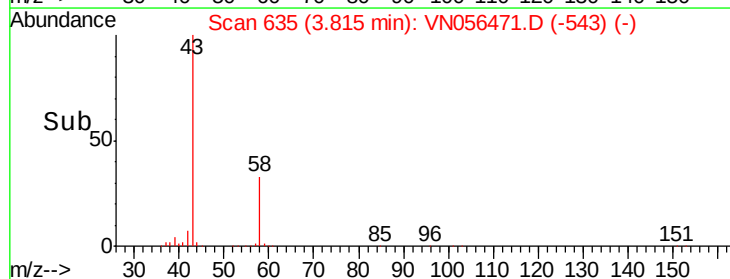
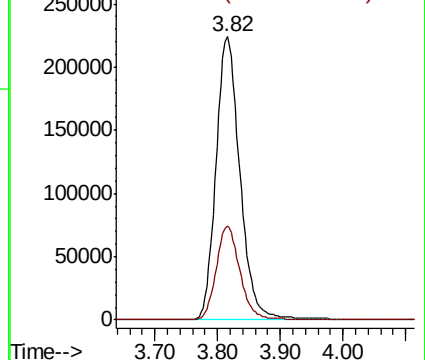
58 33.0 26.4 39.6

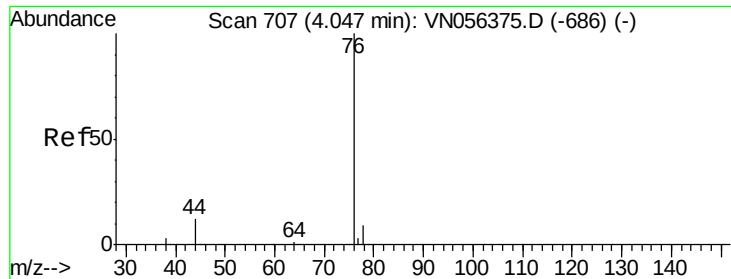


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

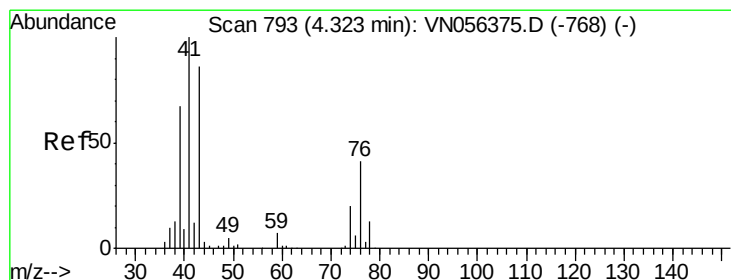
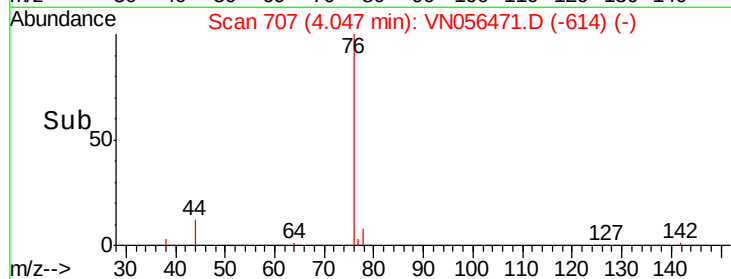
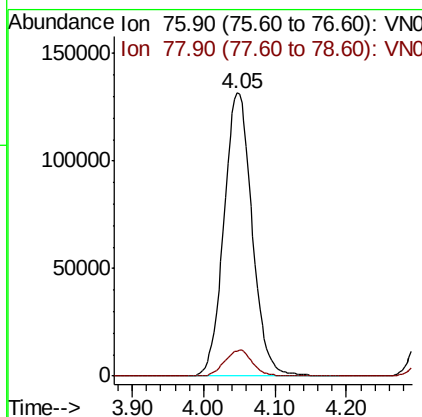
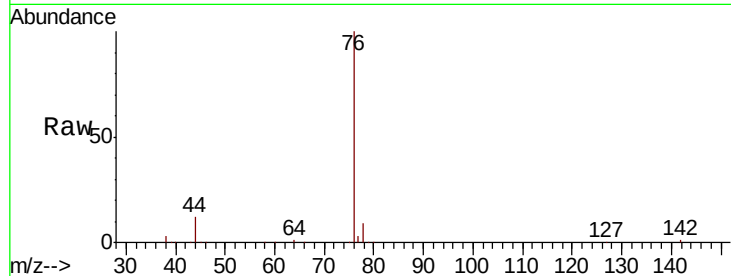




#17
Carbon Disulfide
Concen: 45.372 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

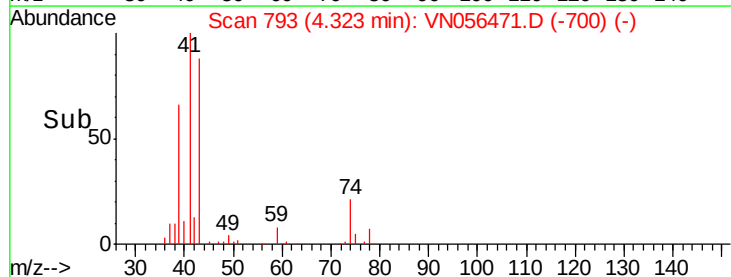
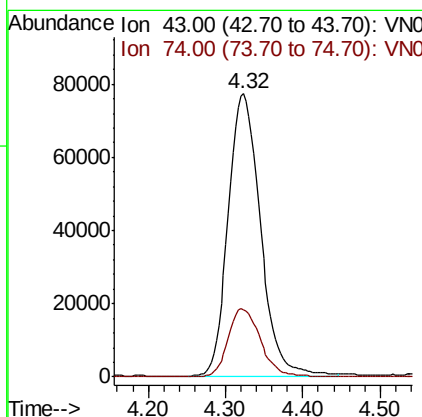
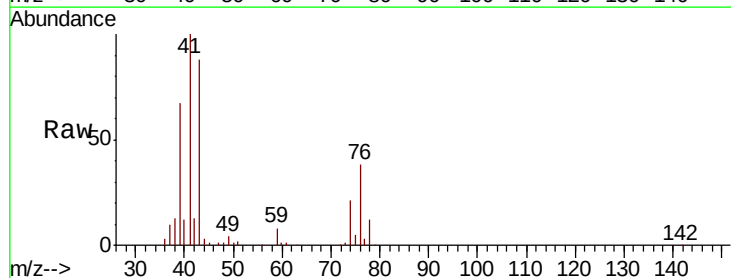
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

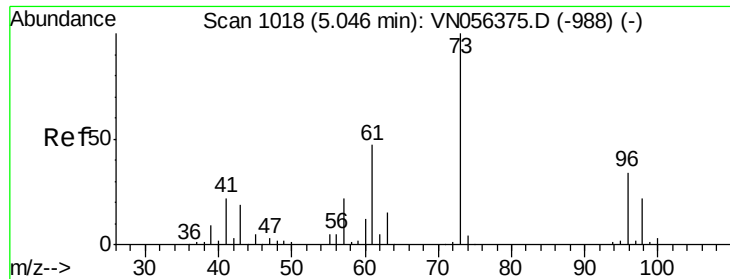
Tot Ion: 76 Resp: 362387
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 51.670 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 43 Resp: 223256
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

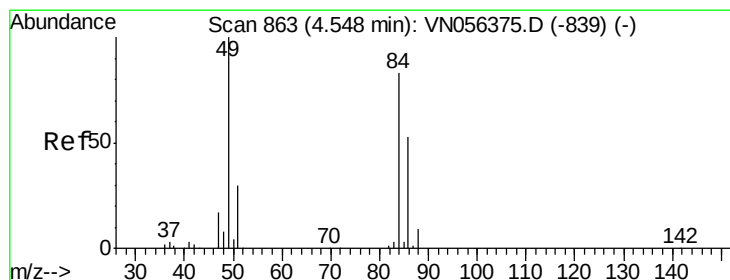
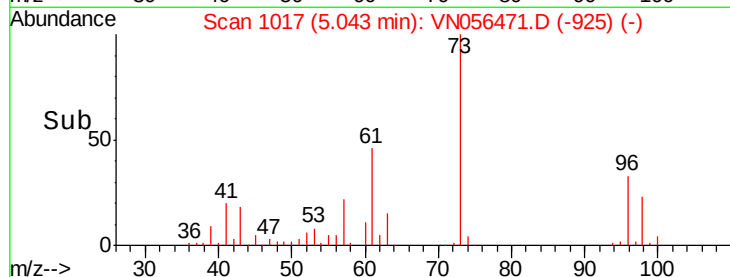
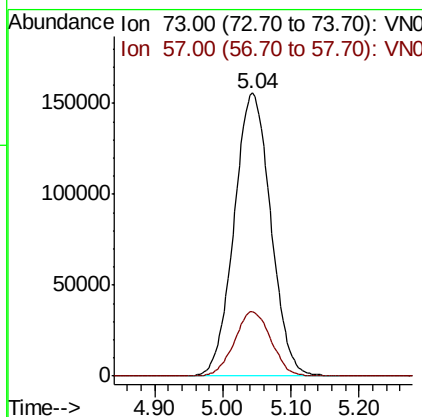
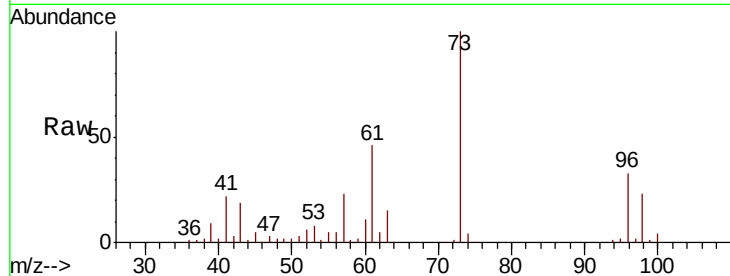




#19
Methyl tert-butyl Ether
Concen: 50.011 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

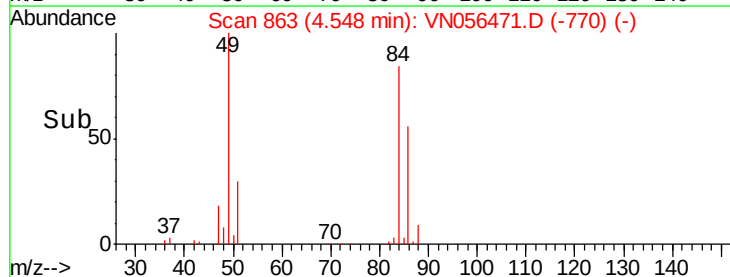
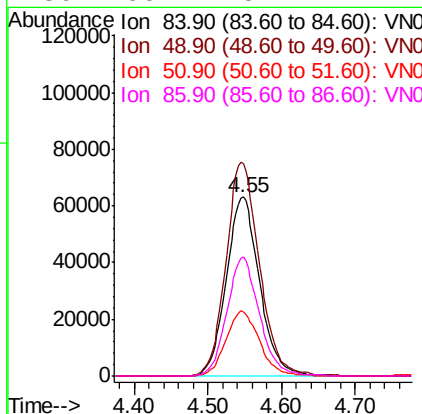
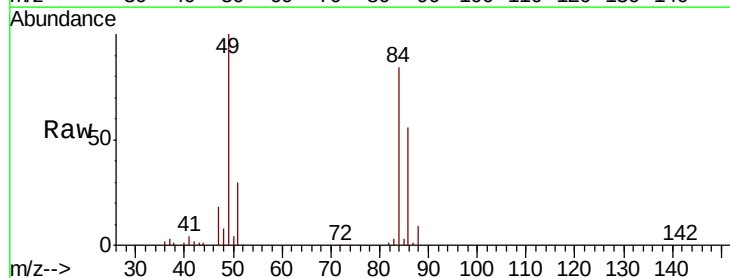
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

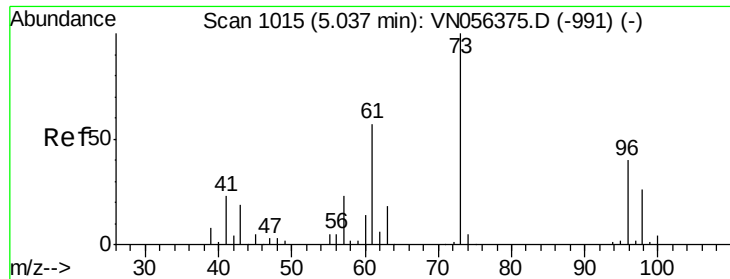
Tot Ion: 73 Resp: 581108
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 47.628 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 84 Resp: 198360
Ion Ratio Lower Upper
84 100
49 118.4 96.4 144.6
51 35.7 28.6 43.0
86 66.2 51.4 77.2

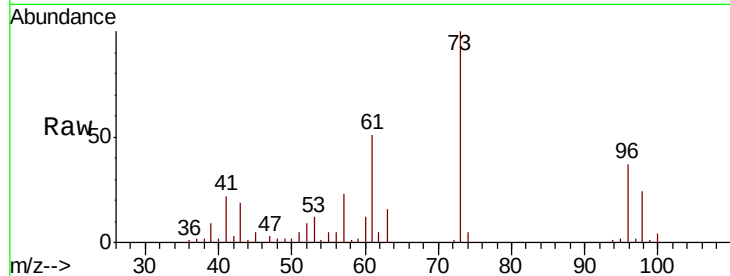




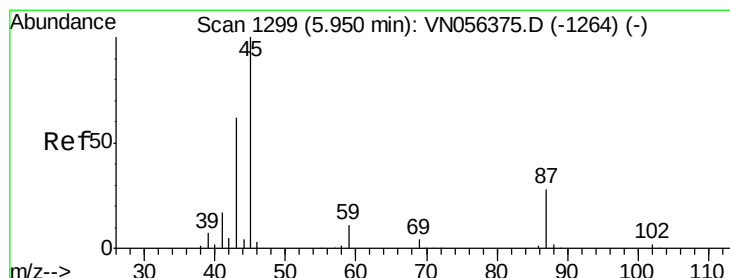
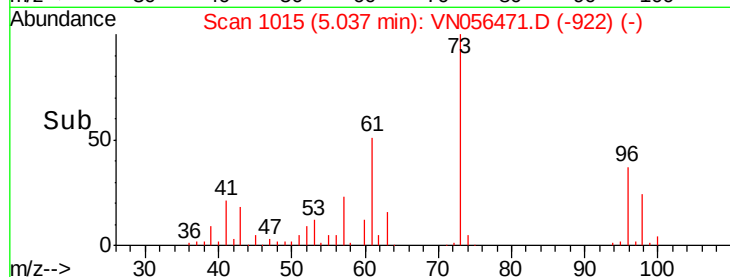
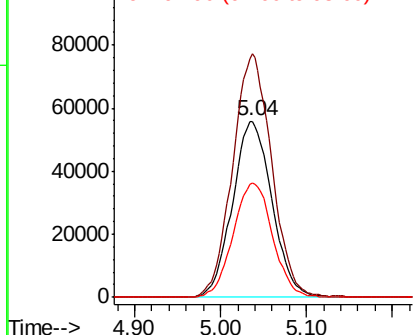
#21
trans-1,2-Dichloroethene
Concen: 46.984 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 177882
Ion Ratio Lower Upper
96 100
61 138.5 113.0 169.6
98 65.1 52.2 78.2

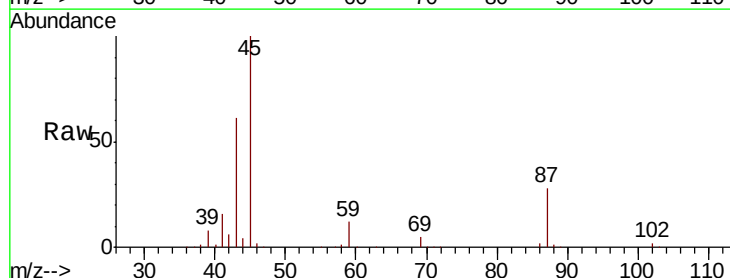


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

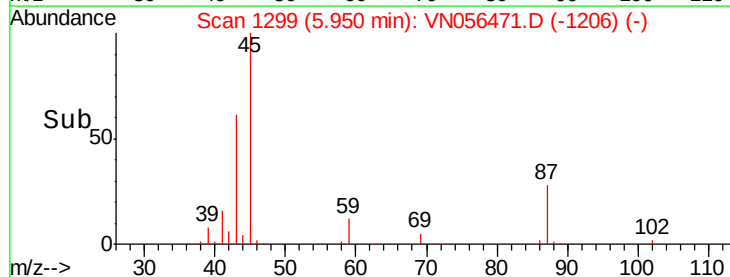
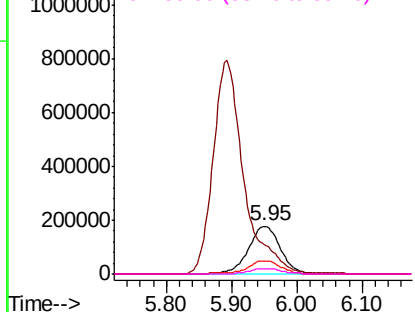


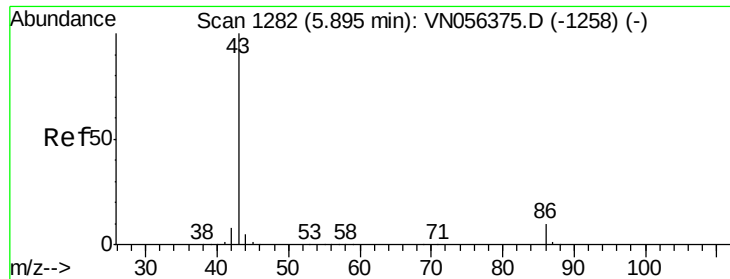
#22
Diisopropyl ether
Concen: 49.500 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 45 Resp: 607682
Ion Ratio Lower Upper
45 100
43 59.7 50.4 75.6
87 27.6 23.0 34.4
59 11.6 9.1 13.7



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

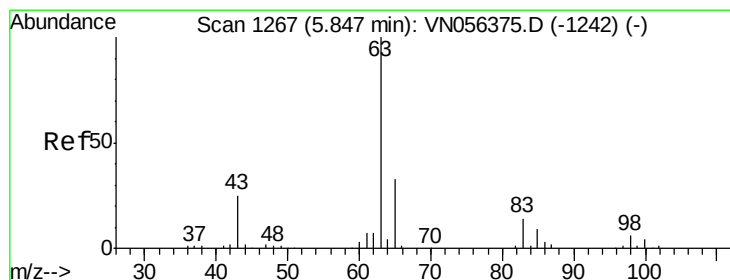
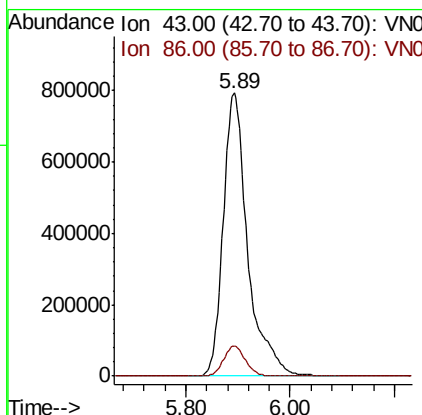
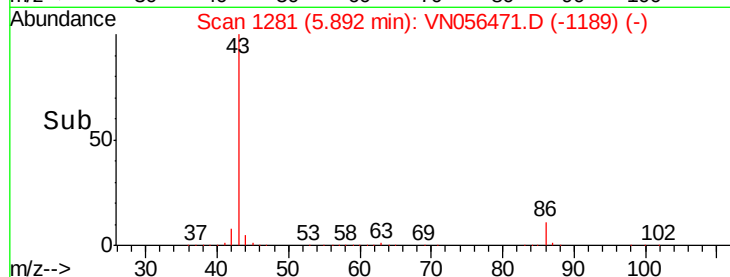
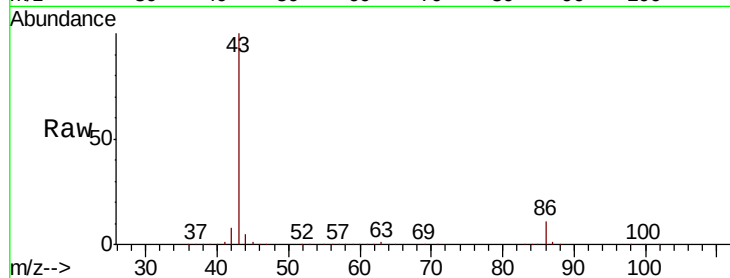




#23
 Vinyl Acetate
 Concen: 268.428 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

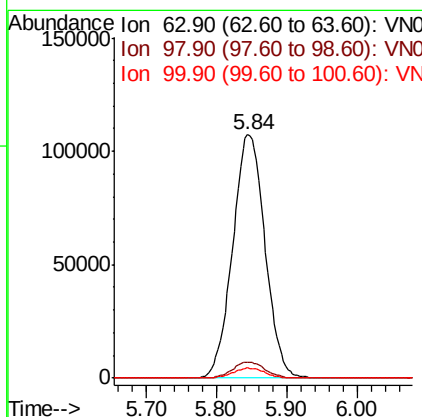
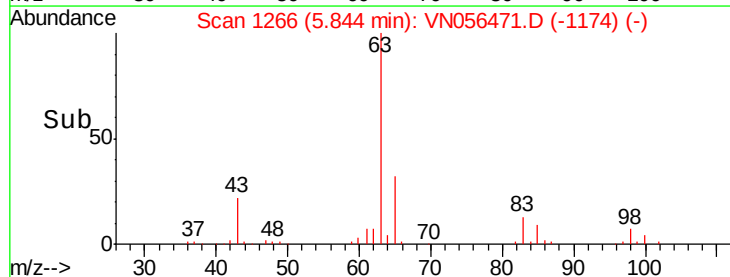
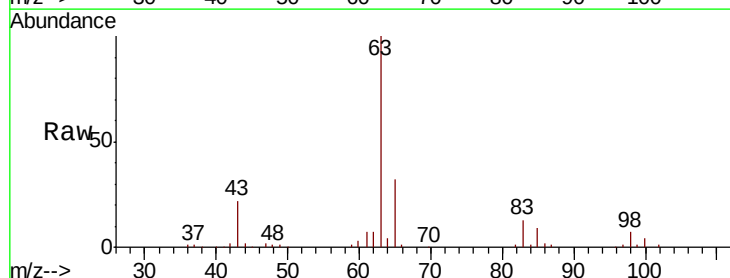
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

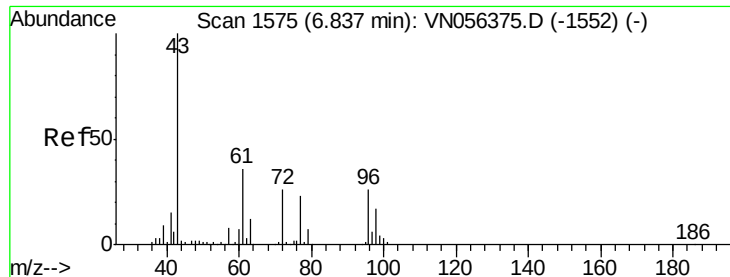
Tot Ion: 43 Resp: 2599124
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 48.749 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 63 Resp: 343532
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.2 2.1 6.5

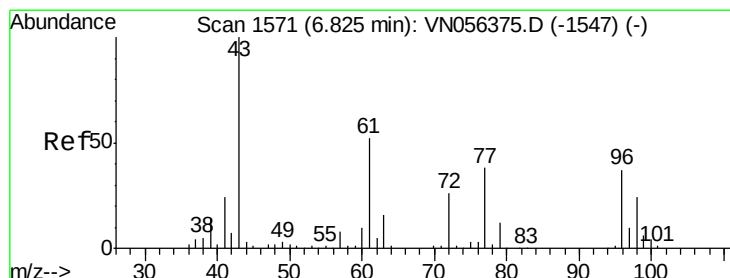
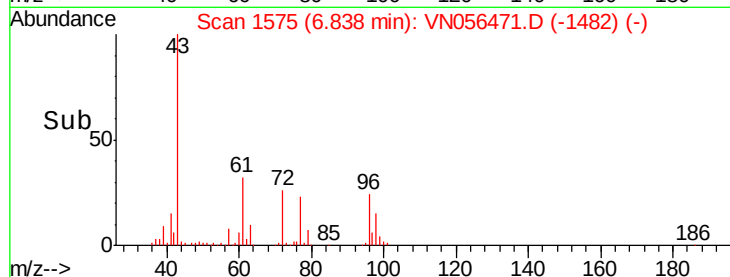
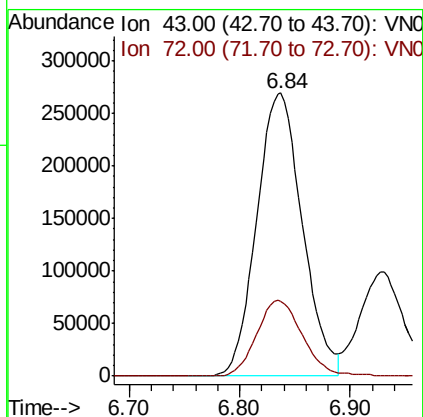
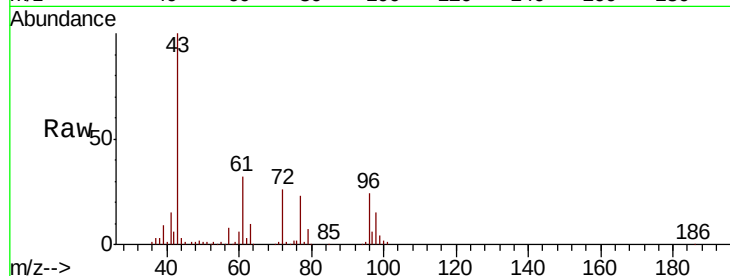




#25
2-Butanone
Concen: 263.508 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

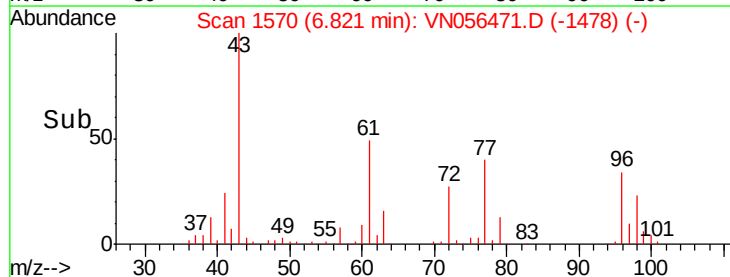
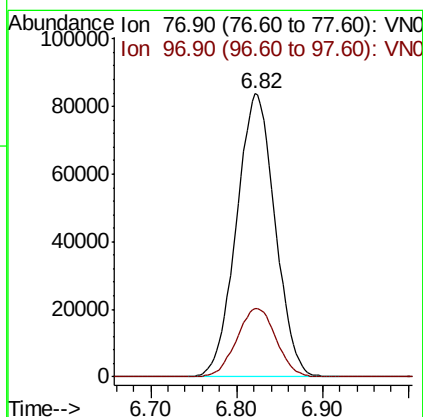
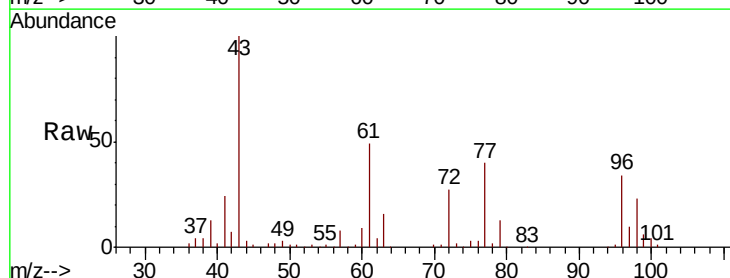
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

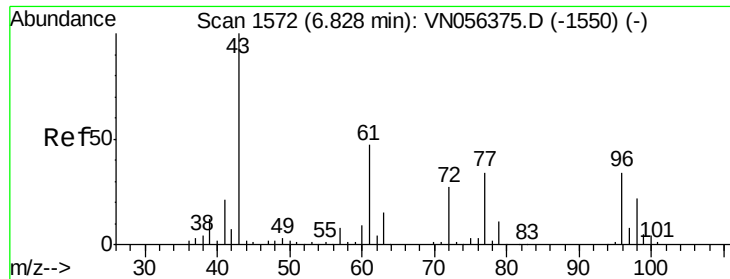
Tot Ion: 43 Resp: 769812
Ion Ratio Lower Upper
43 100
72 26.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 53.336 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 77 Resp: 261412
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.651 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

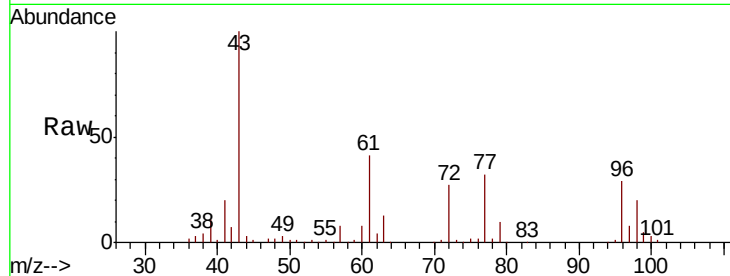
Tot Ion: 96 Resp: 215495

Ion Ratio Lower Upper

96 100

61 141.3 0.0 279.8

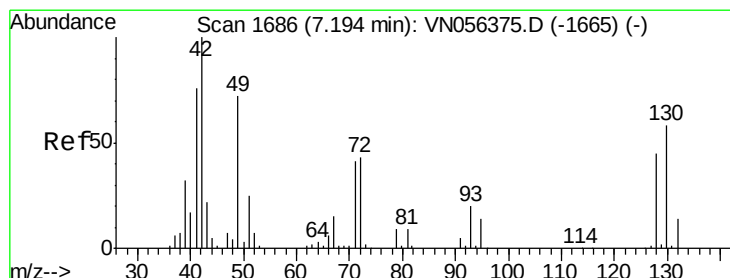
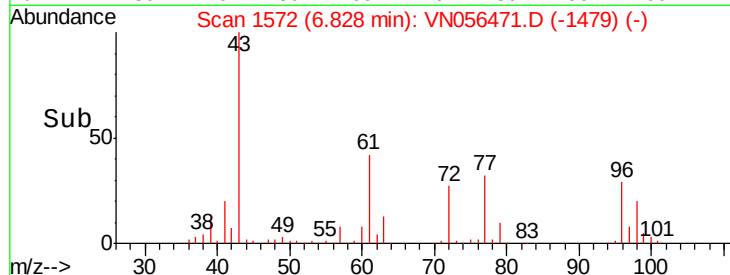
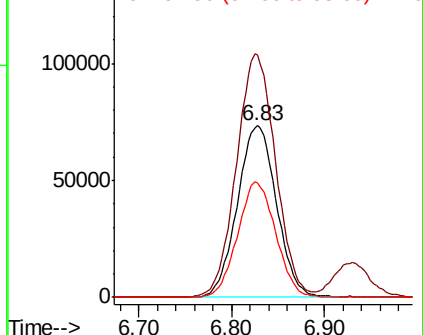
98 65.6 0.0 130.0



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: 47.352 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

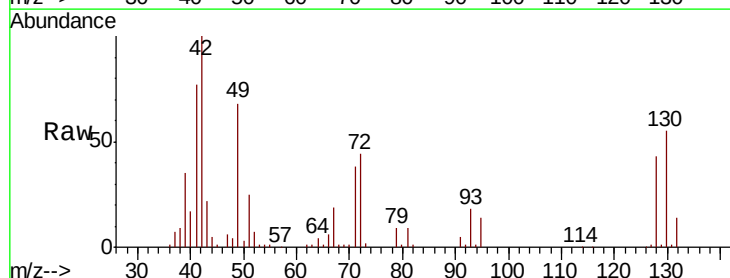
Tgt Ion: 49 Resp: 165053

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

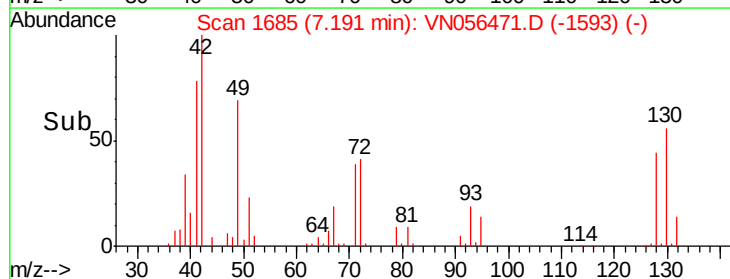
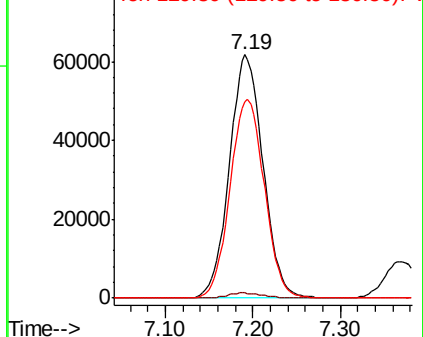
130 83.2 64.9 97.3

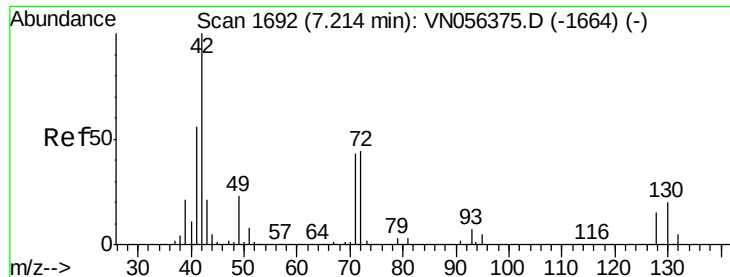


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

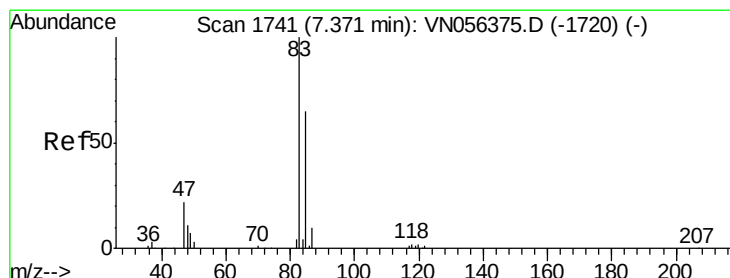
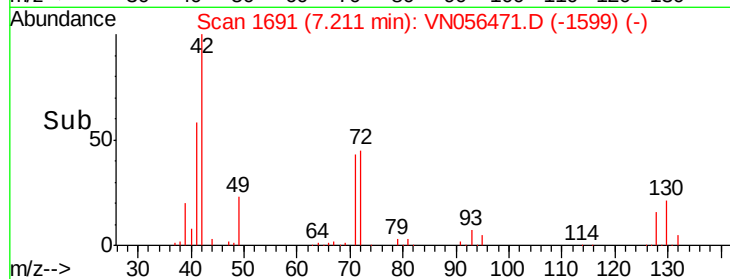
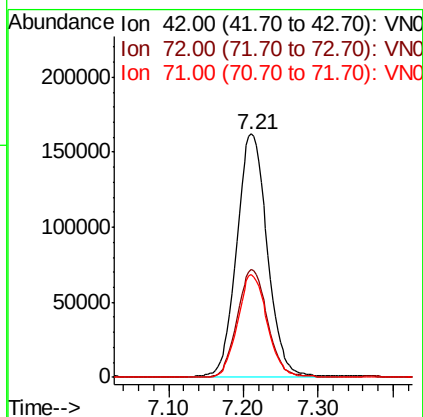
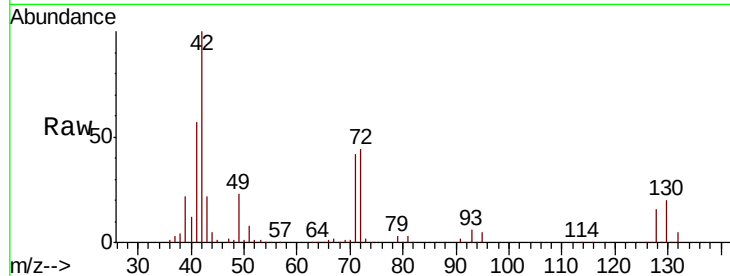




#29
Tetrahydrofuran
Concen: 258.880 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

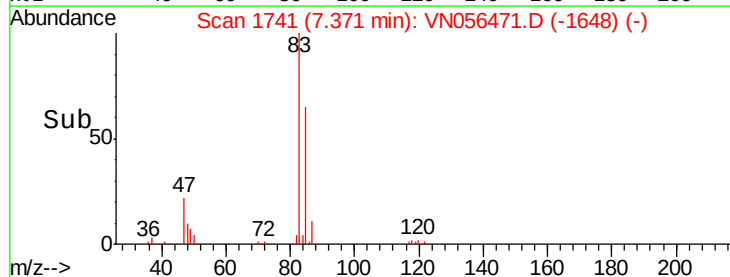
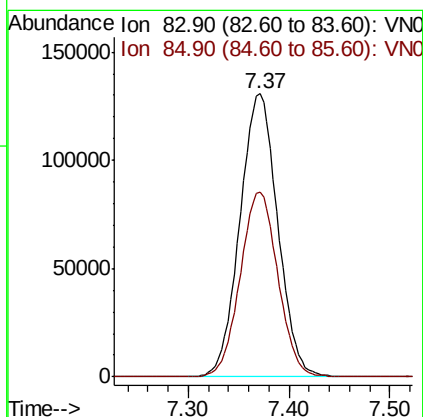
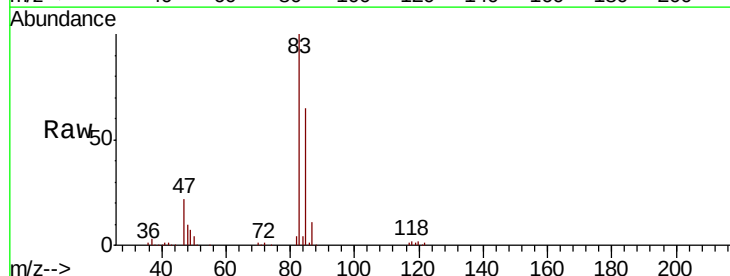
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

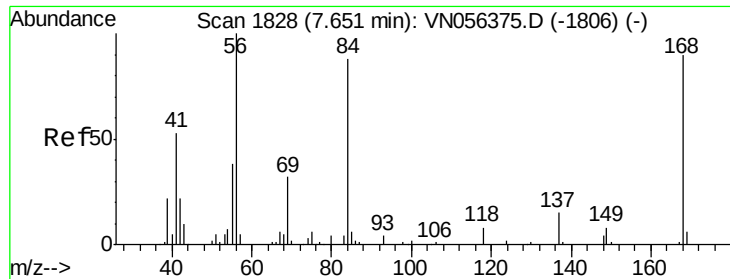
Tot Ion: 42 Resp: 462172
Ion Ratio Lower Upper
42 100
72 43.8 34.7 52.1
71 41.0 33.0 49.6



#30
Chloroform
Concen: 48.845 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 83 Resp: 339653
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5

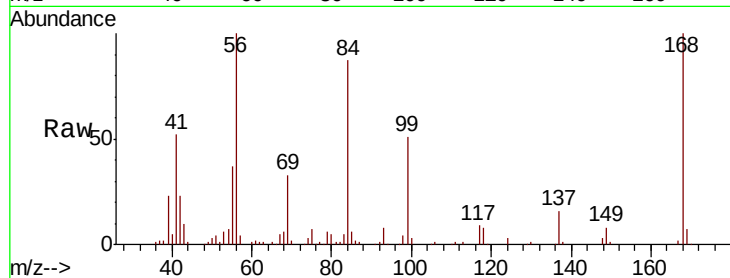




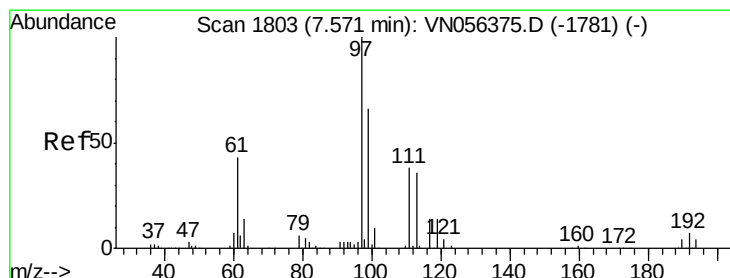
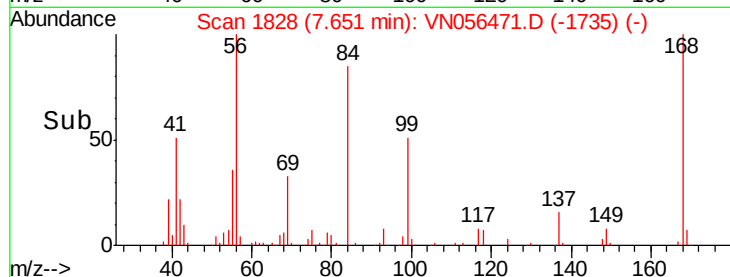
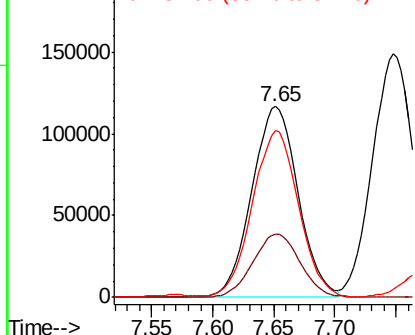
#31
Cyclohexane
Concen: 45.221 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 307649
Ion Ratio Lower Upper
56 100
69 33.3 25.8 38.6
84 86.2 69.4 104.0

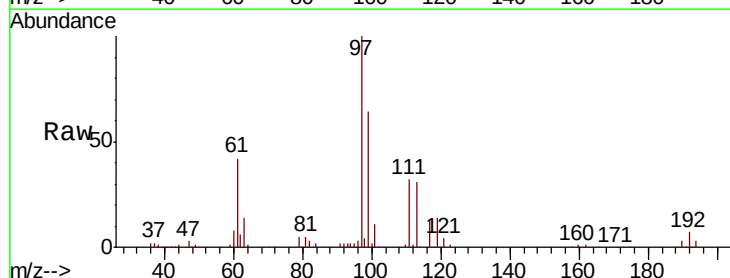


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

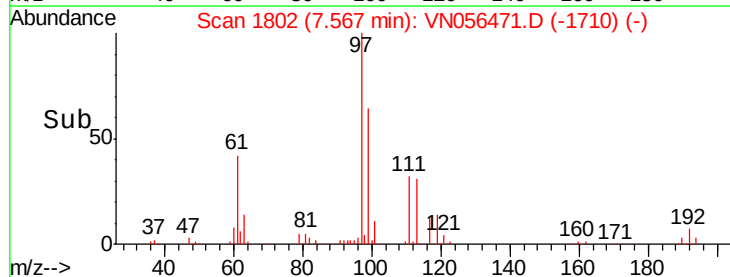
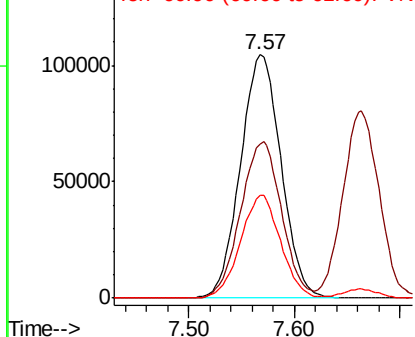


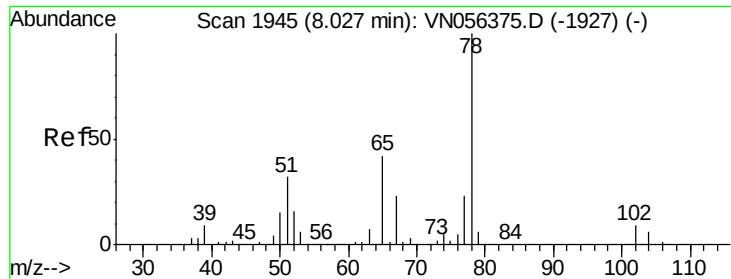
#32
1,1,1-Trichloroethane
Concen: 50.877 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 97 Resp: 280424
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 41.6 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.546 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

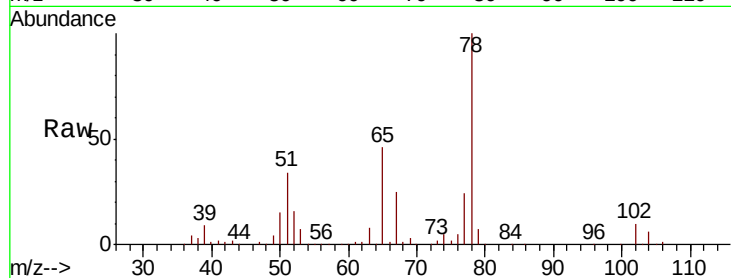
VSTDCCC050

Tot Ion: 65 Resp: 209471

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

100000

80000

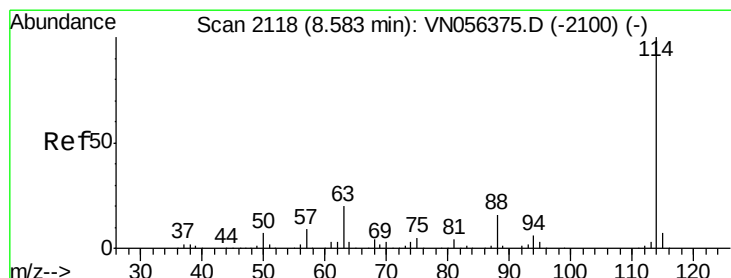
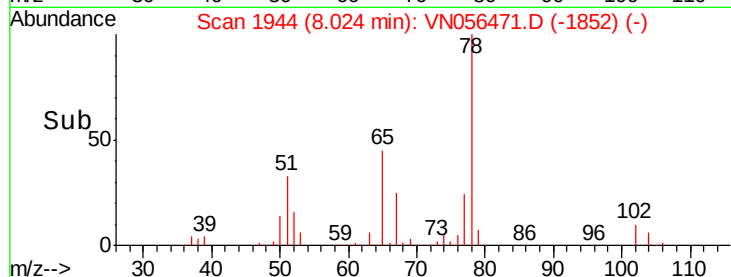
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

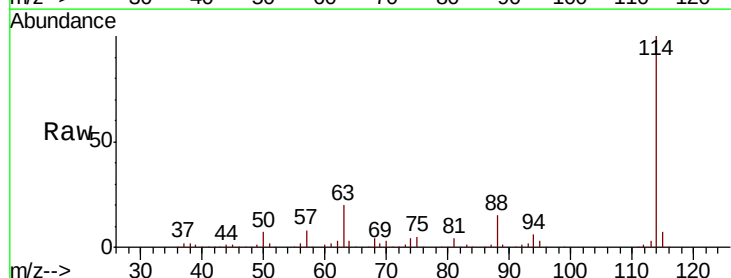
Tgt Ion:114 Resp: 592913

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.2 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

8.58

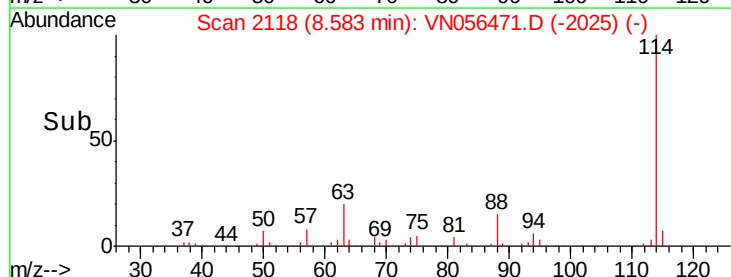
300000

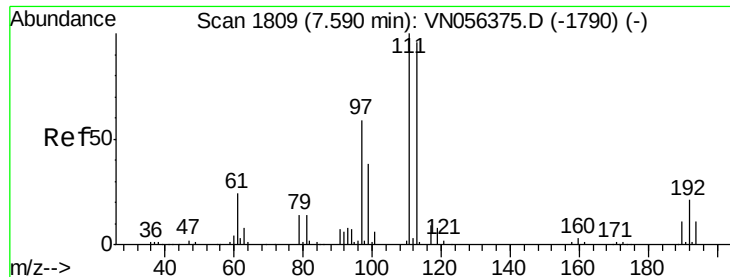
200000

100000

0

Time-->

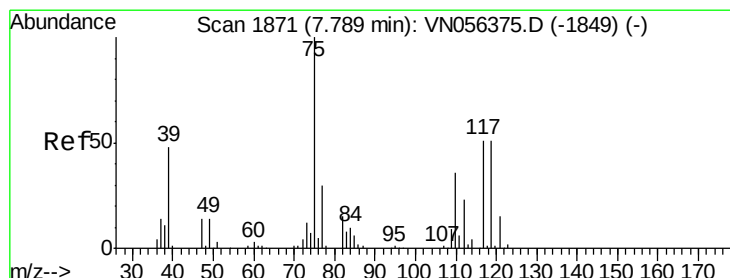
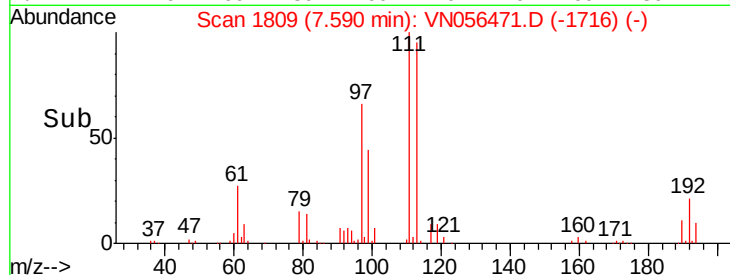
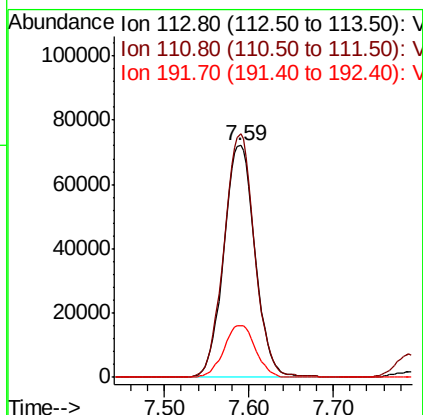
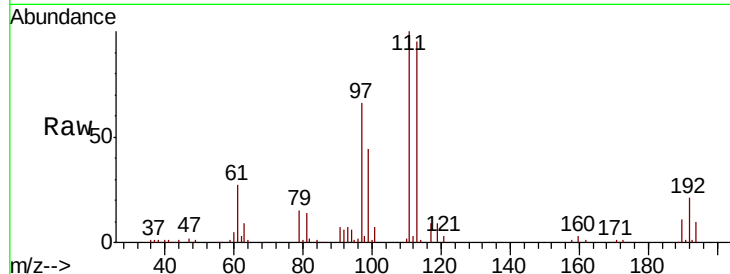




#35
 Dibromofluoromethane
 Concen: 50.343 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

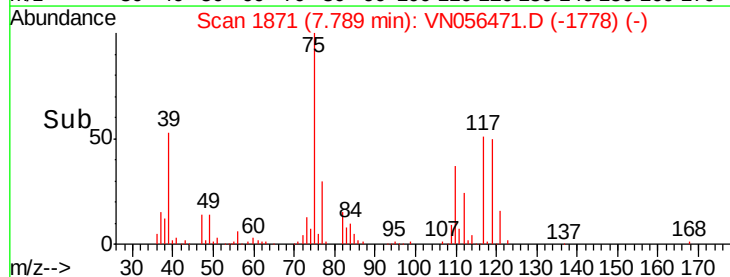
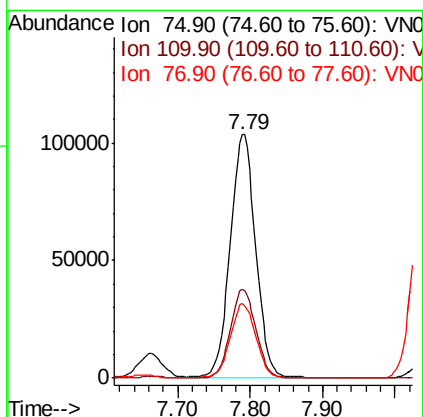
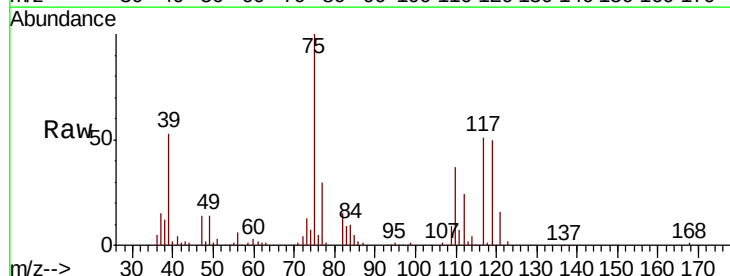
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

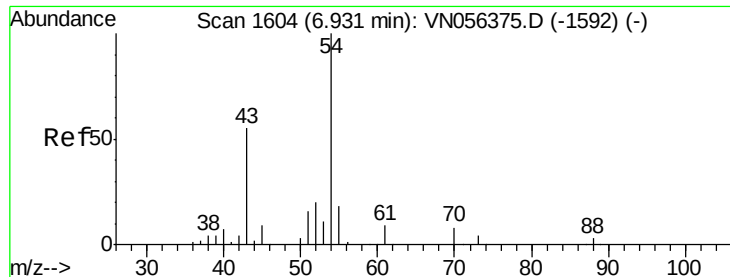
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	22.5	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 48.860 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	30.6	24.6	36.8

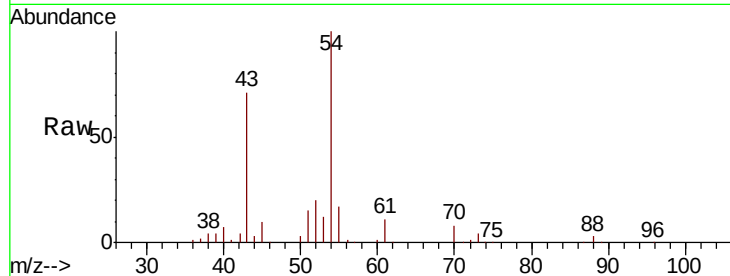




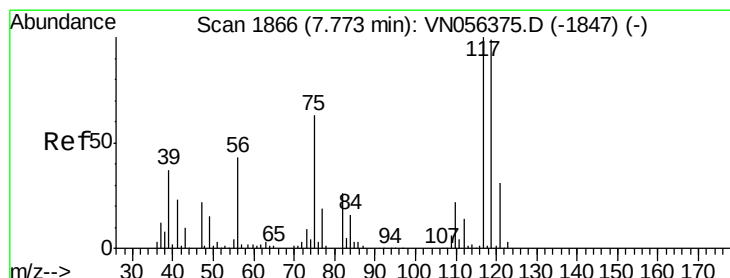
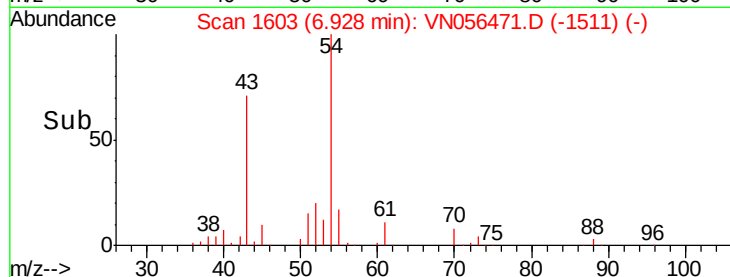
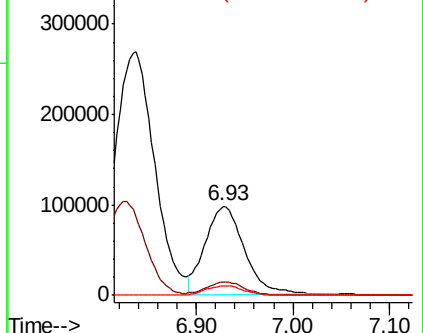
#37
Ethyl Acetate
Concen: 53.805 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 275944
Ion Ratio Lower Upper
43 100
61 15.3 11.1 16.7
70 10.3 8.3 12.5

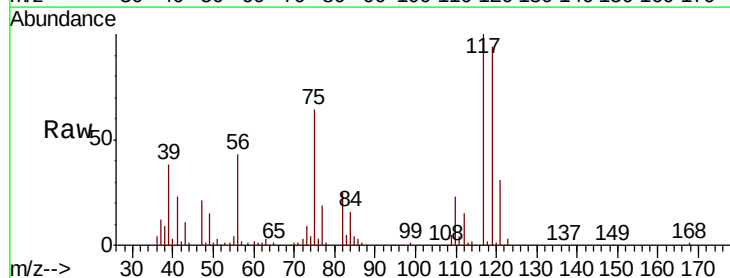


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

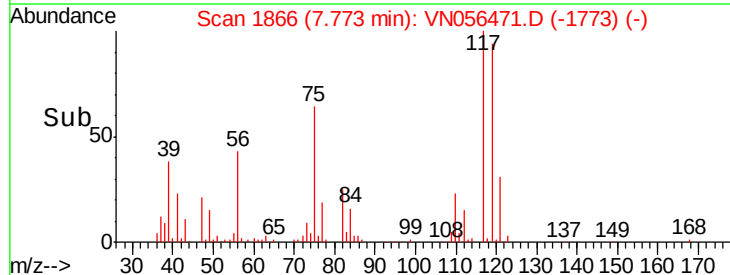
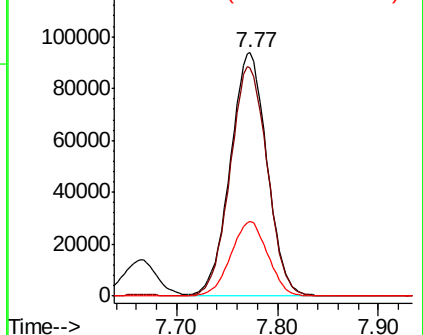


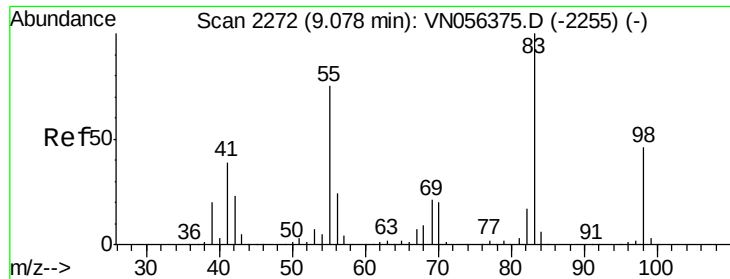
#38
Carbon Tetrachloride
Concen: 51.737 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 117 Resp: 236110
Ion Ratio Lower Upper
117 100
119 93.8 79.1 118.7
121 30.8 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

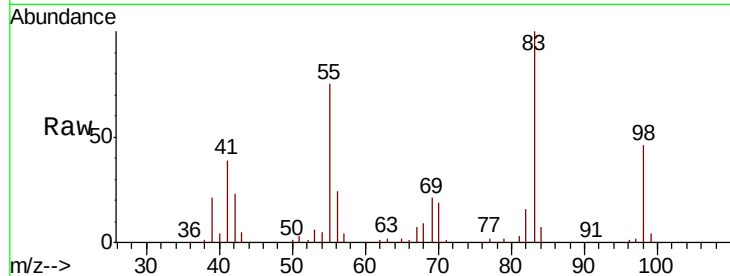




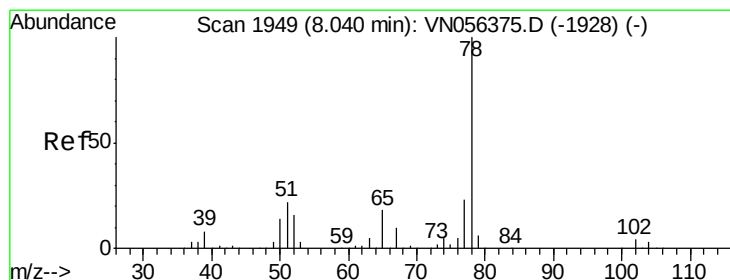
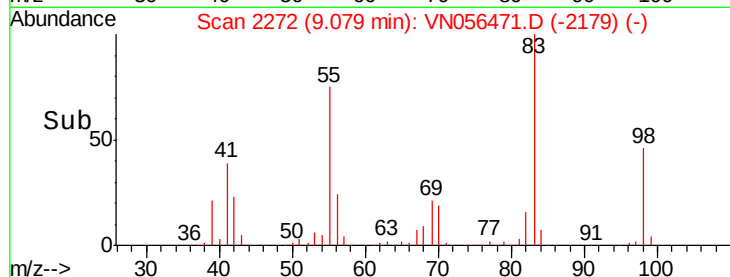
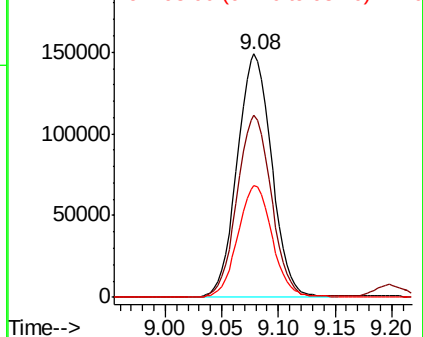
#39
Methylvlcyclohexane
Concen: 49.291 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 317408
Ion Ratio Lower Upper
83 100
55 74.9 60.0 90.0
98 45.9 36.6 54.8

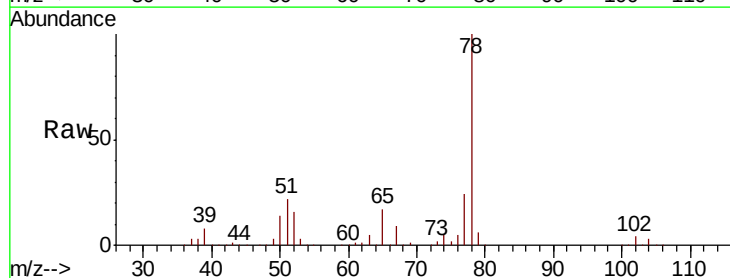


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

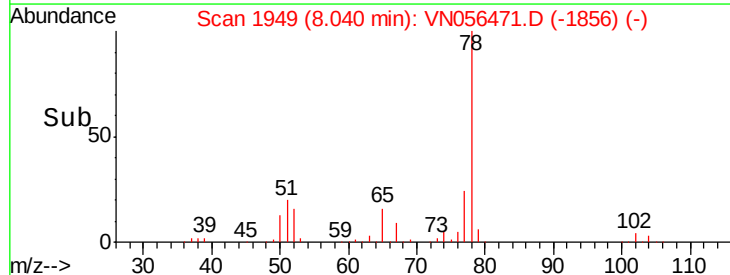
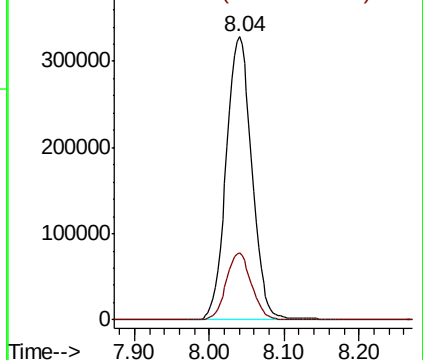


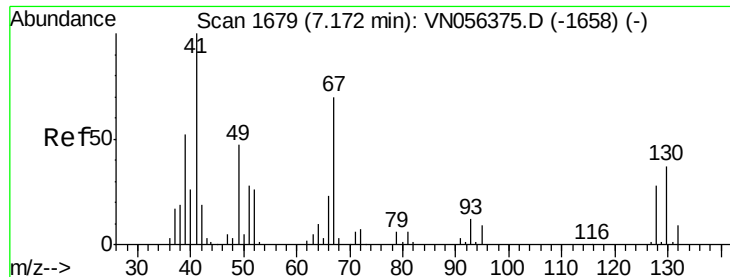
#40
Benzene
Concen: 48.817 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 78 Resp: 783648
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5



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

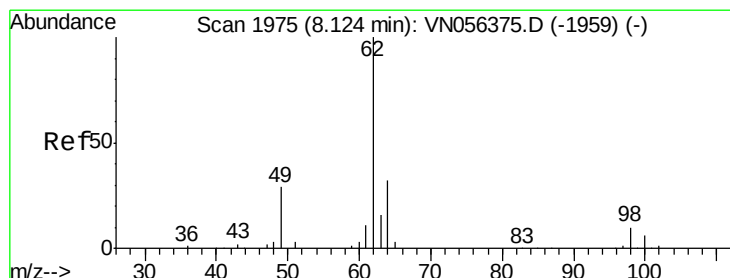
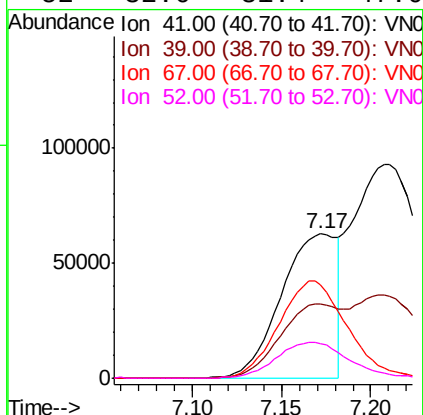
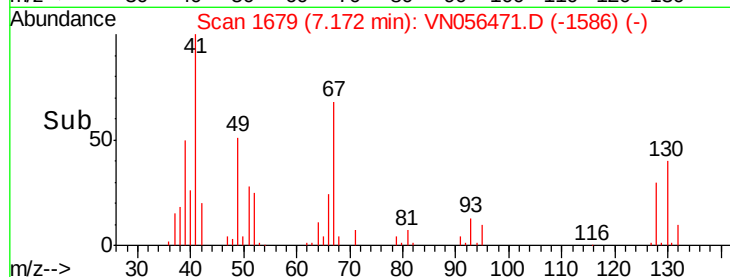
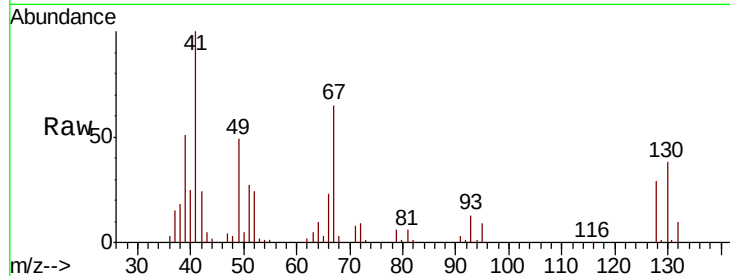




#41
Methacrylonitrile
Concen: 60.521 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

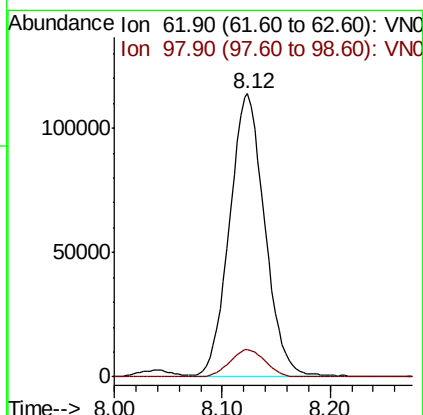
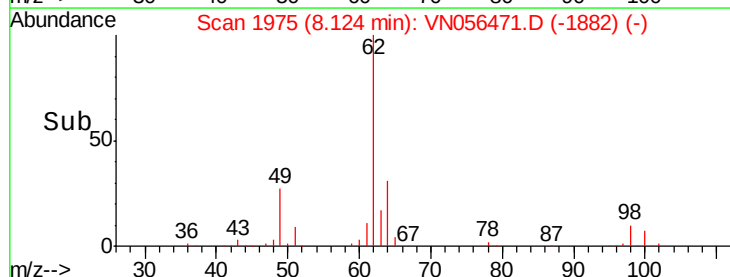
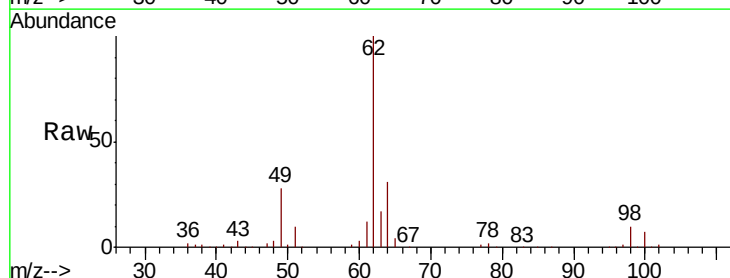
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

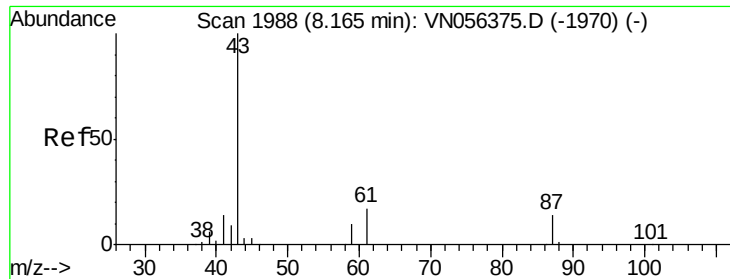
Tot Ion: 41 Resp: 137062
Ion Ratio Lower Upper
41 100
39 55.9 55.3 82.9
67 82.5 79.2 118.8
52 32.6 31.4 47.0



#42
1,2-Dichloroethane
Concen: 48.561 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 62 Resp: 257261
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 55.430 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

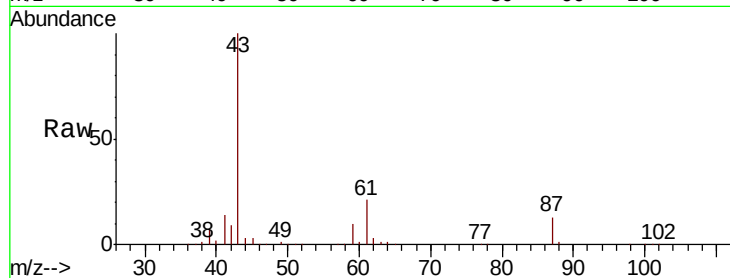
Tot Ion: 43 Resp: 438356

Ion Ratio Lower Upper

43 100

61 26.8 22.0 33.0

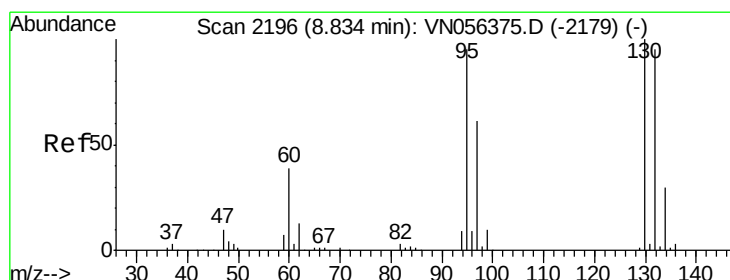
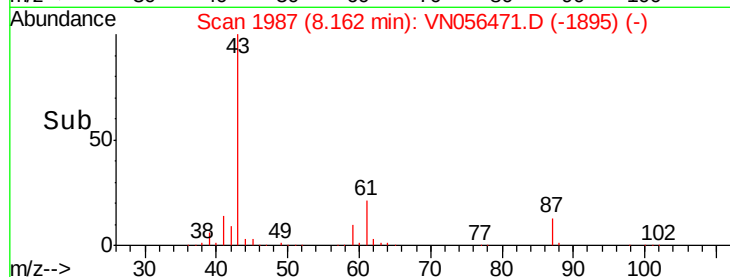
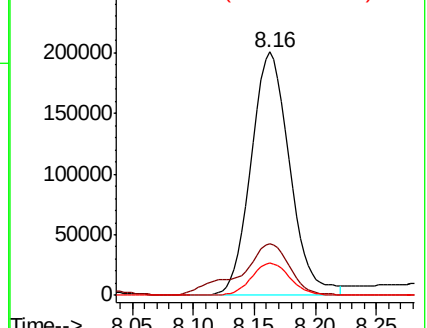
87 13.4 11.0 16.4



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: 49.345 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056471.D

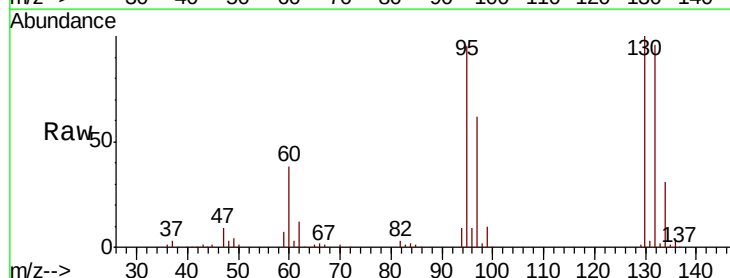
Acq: 25 Jun 2019 9:06

Tgt Ion:130 Resp: 213379

Ion Ratio Lower Upper

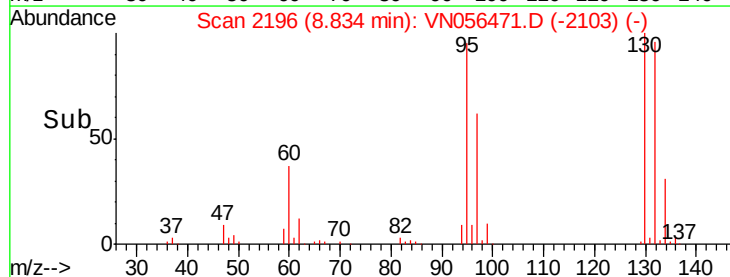
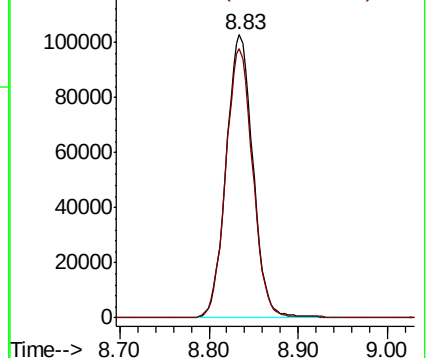
130 100

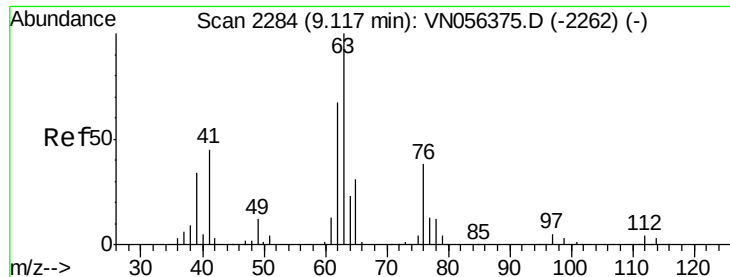
95 95.0 0.0 191.0



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

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

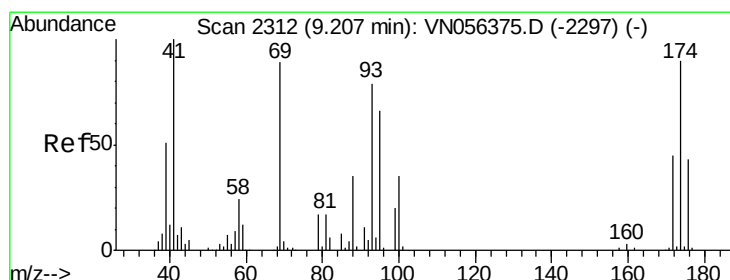
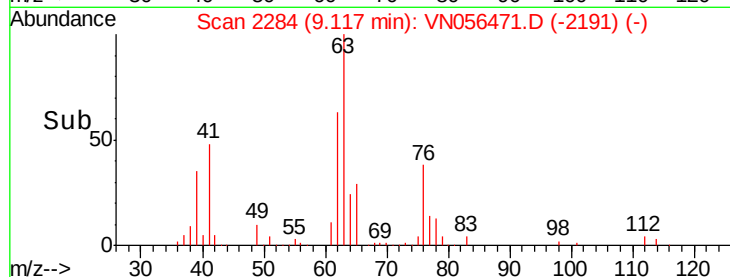
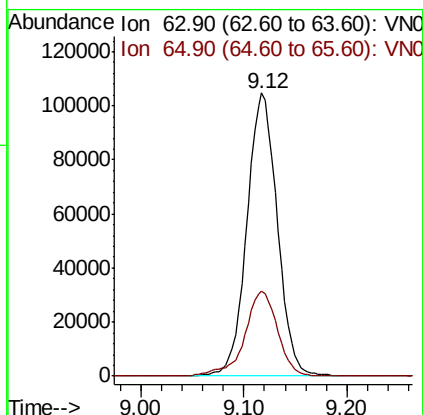
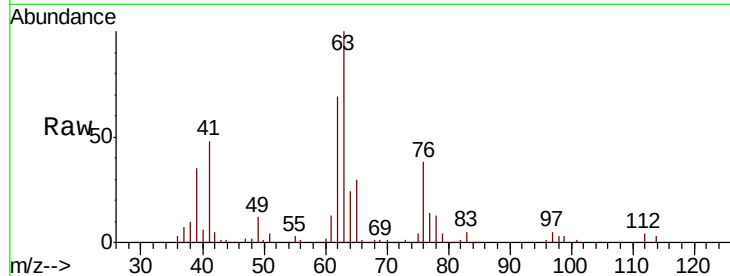




#45
 1,2-Dichloropropane
 Concen: 49.895 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

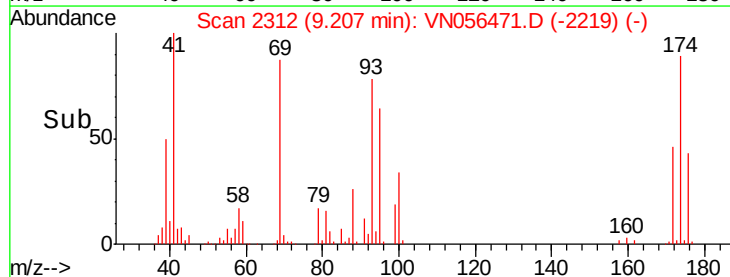
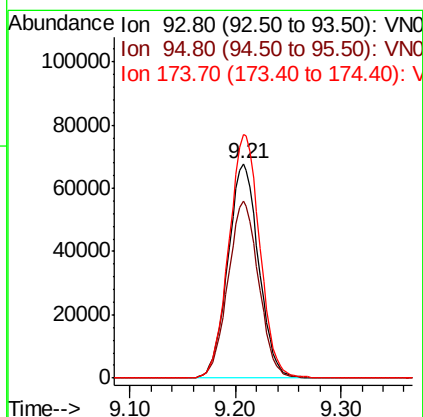
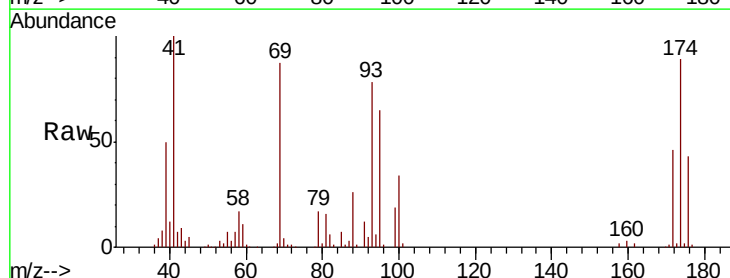
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

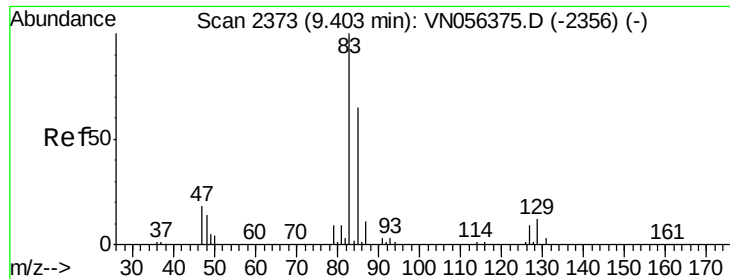
Tot Ion: 63 Resp: 214204
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 50.928 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 93 Resp: 136789
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.2
 174 114.4 90.8 136.2





#47

Bromodichloromethane

Concen: 53.714 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

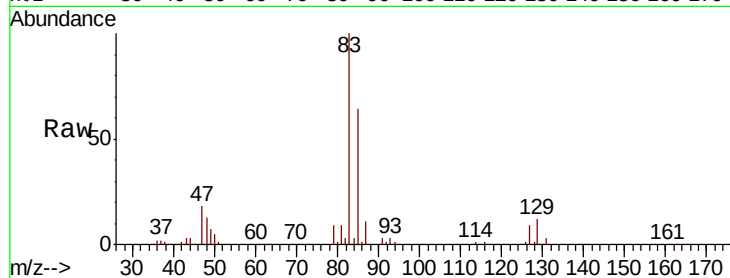
Tot Ion: 83 Resp: 255876

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

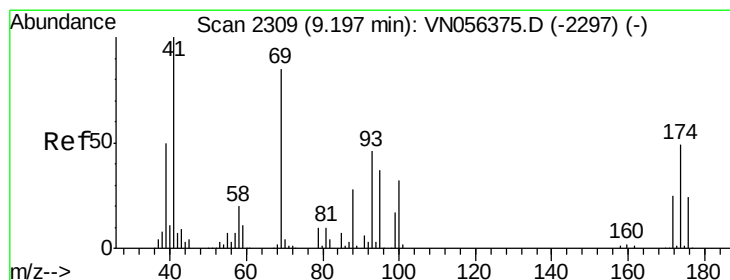
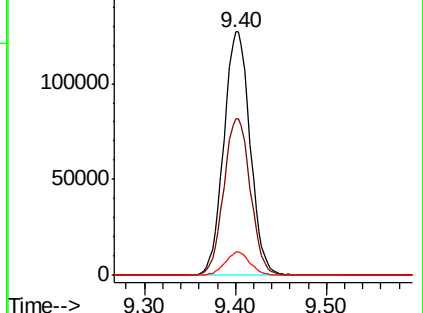
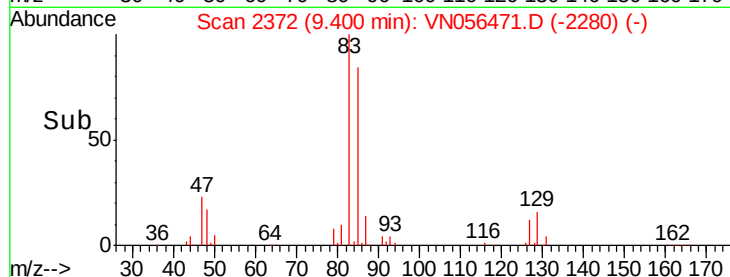
127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 52.091 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

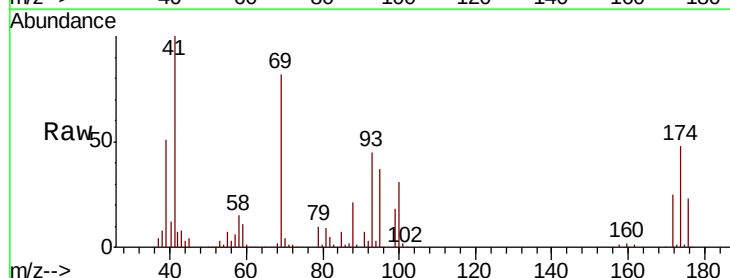
Tgt Ion: 41 Resp: 206434

Ion Ratio Lower Upper

41 100

69 89.0 72.6 109.0

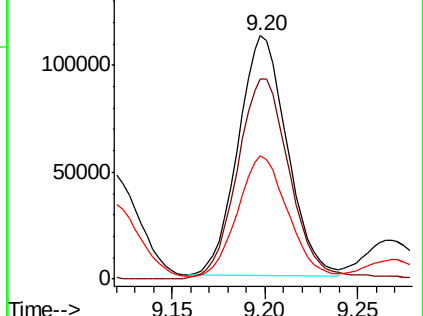
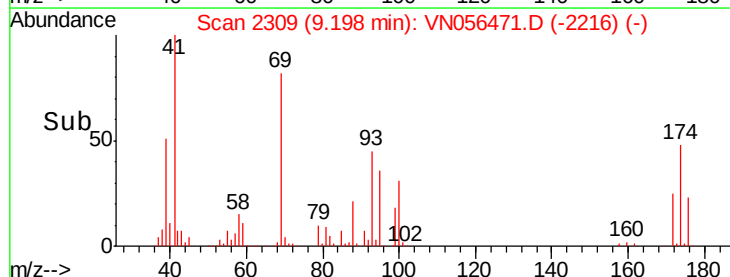
39 53.1 42.6 63.8

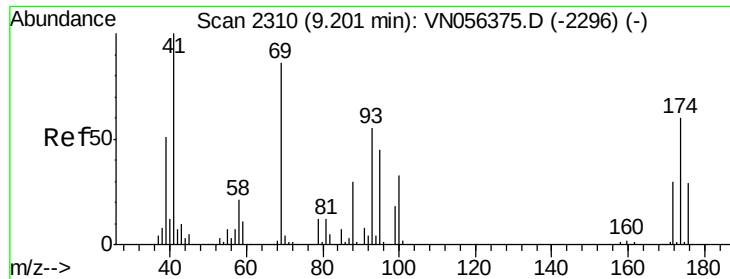


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 762.681 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

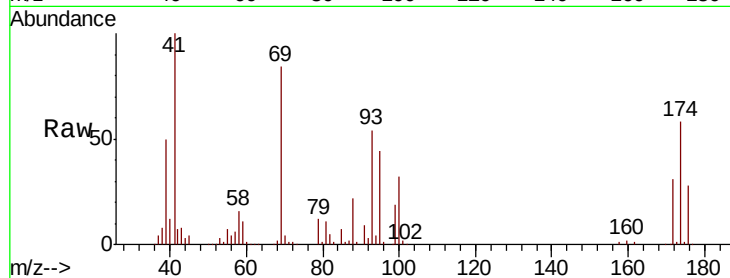
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 62723

Ion	Ratio	Lower	Upper
88	100		
43	27.8	22.0	33.0
58	73.1	51.8	77.8

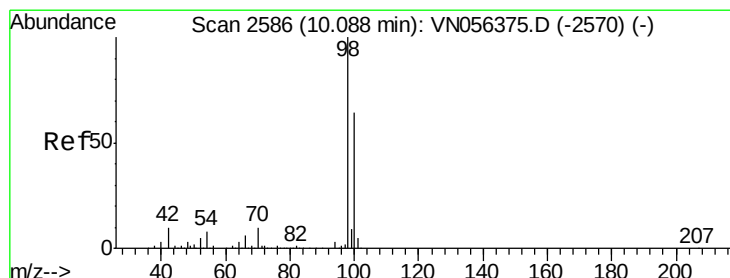
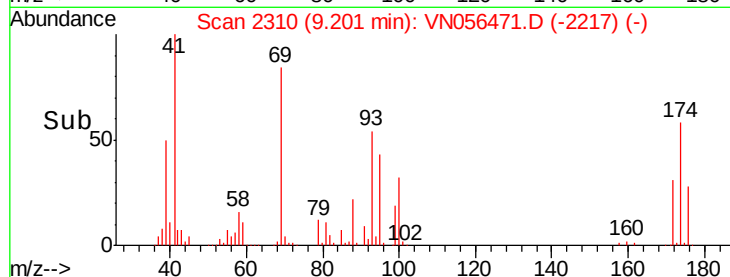
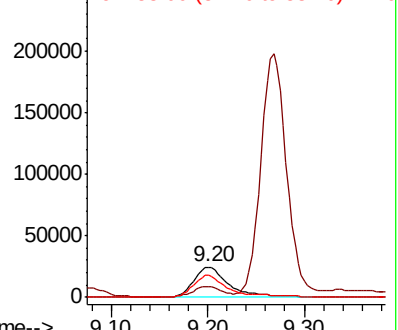


Abundance

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: 48.660 ug/l

RT: 10.09 min Scan# 2586

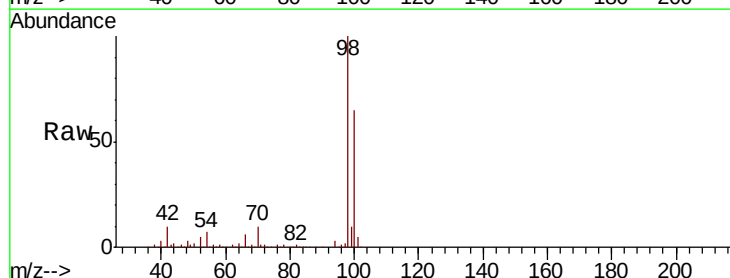
Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion: 98 Resp: 700329

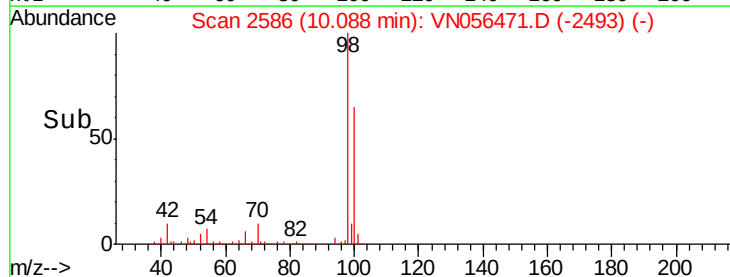
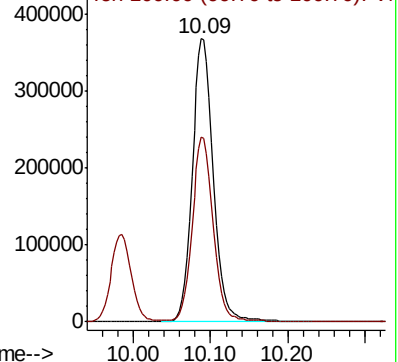
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2

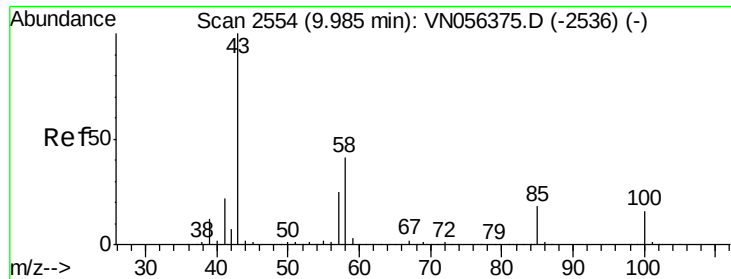


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 268.180 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

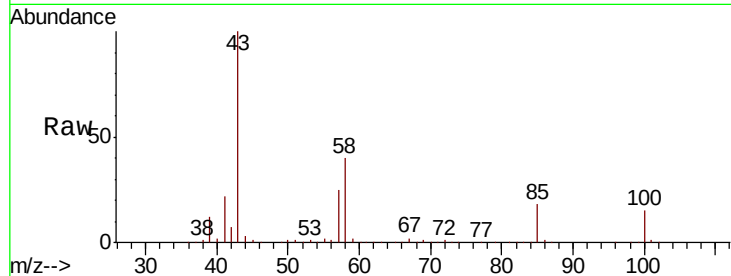
VSTDCCC050

Tot Ion: 43 Resp: 1368859

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

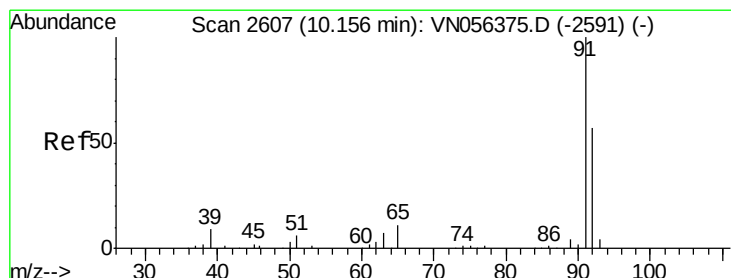
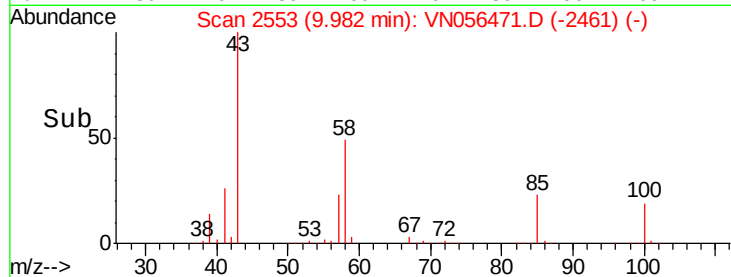
400000

200000

0

9.90 9.98 10.00 10.10

Time-->



#52

Toluene

Concen: 49.117 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056471.D

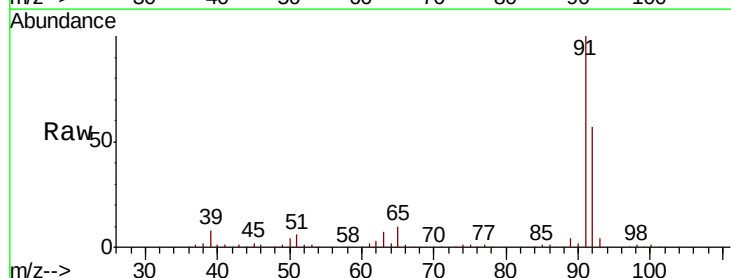
Acq: 25 Jun 2019 9:06

Tgt Ion: 92 Resp: 482045

Ion Ratio Lower Upper

92 100

91 175.4 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

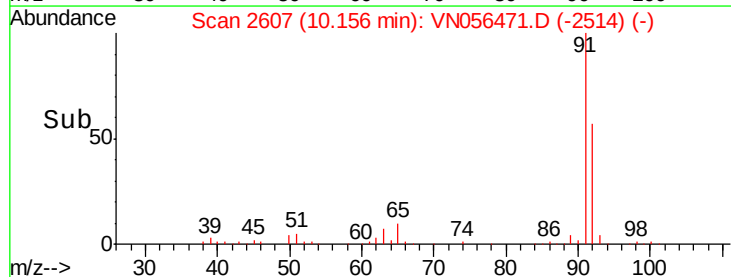
200000

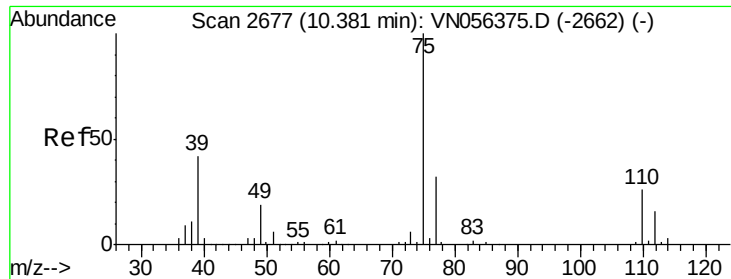
100000

0

10.10 10.16 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.984 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

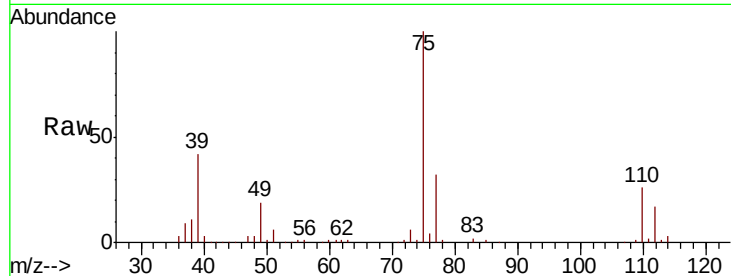
VSTDCCC050

Tot Ion: 75 Resp: 277317

Ion Ratio Lower Upper

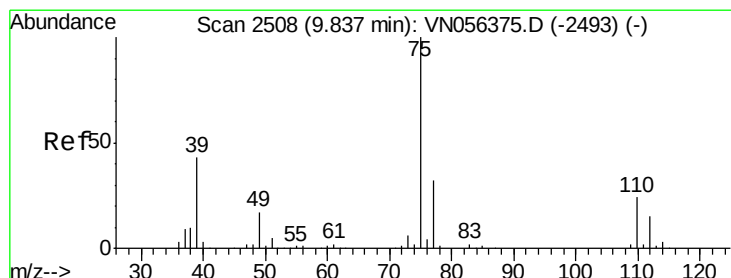
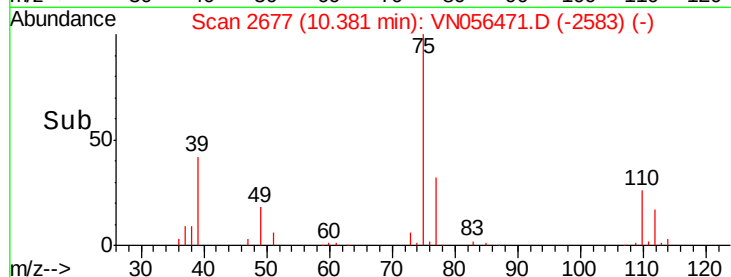
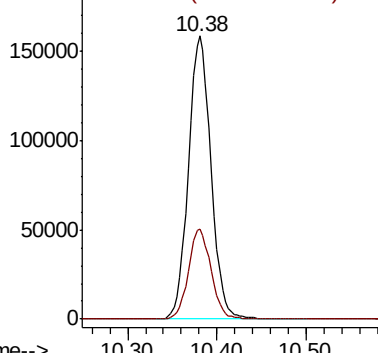
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 55.519 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

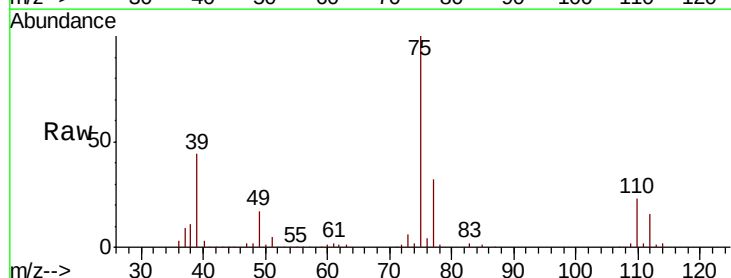
Tgt Ion: 75 Resp: 318487

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

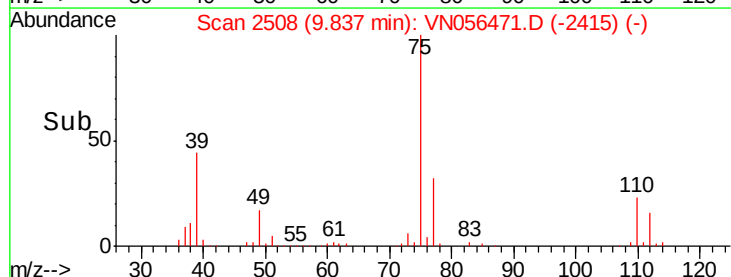
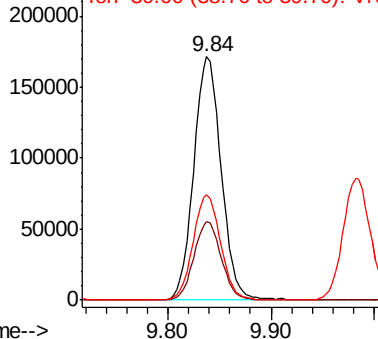
39 43.4 34.2 51.4

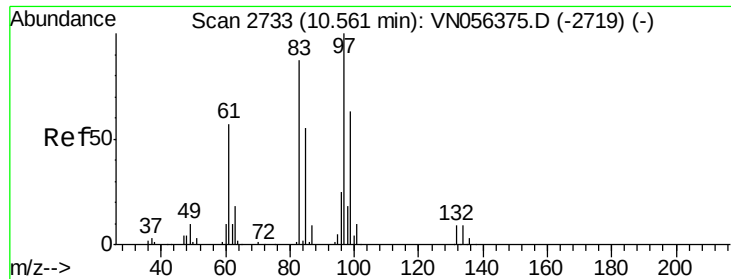


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

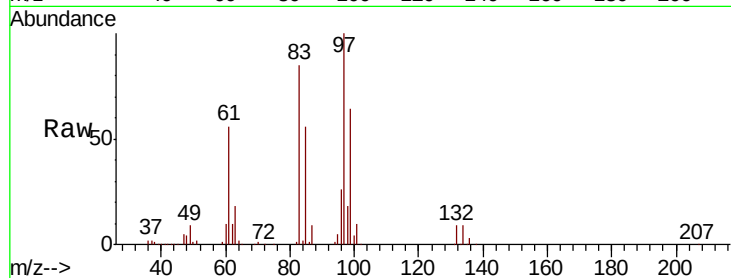




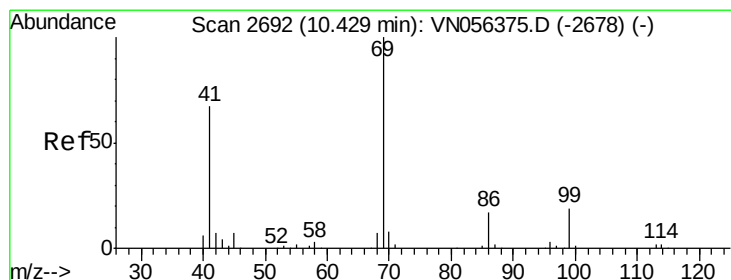
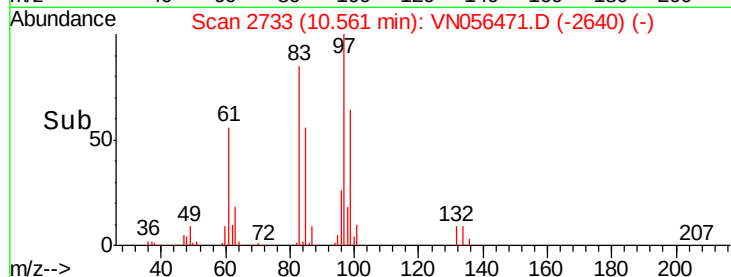
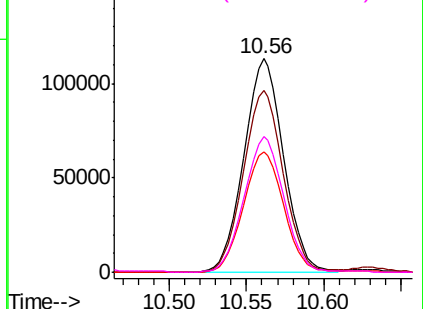
#55
 1,1,2-Trichloroethane
 Concen: 51.204 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	201995
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.8	104.6
85	56.2	43.8	65.8
99	63.4	50.2	75.2

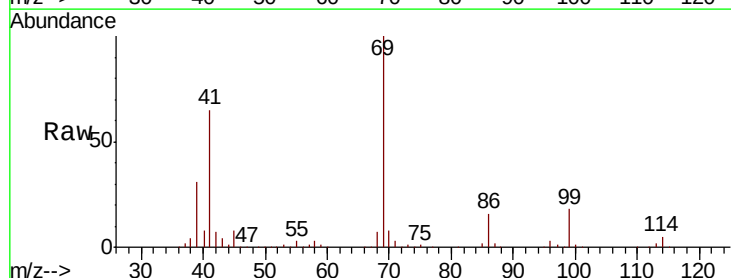


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

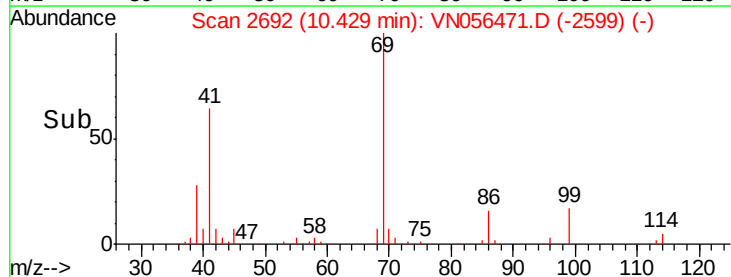
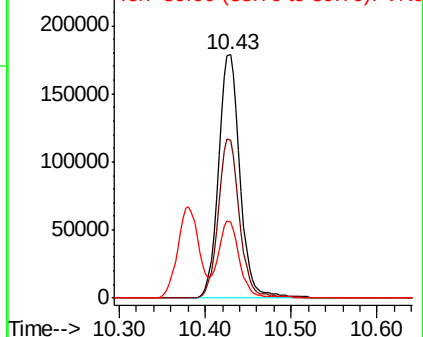


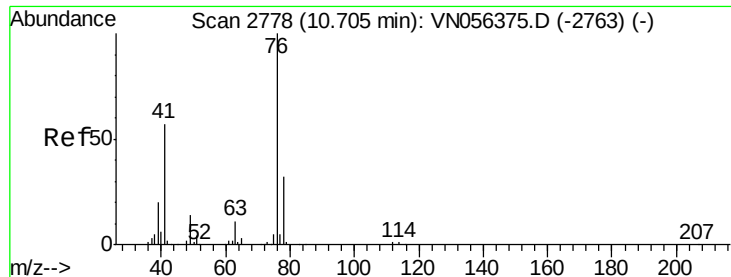
#56
 Ethyl methacrylate
 Concen: 53.730 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion:	69	Resp:	309762
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.4	77.2
39	31.6	24.7	37.1



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

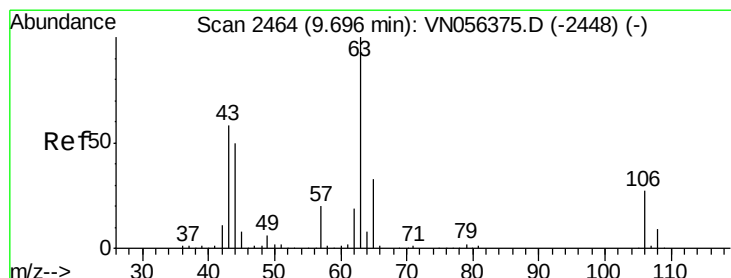
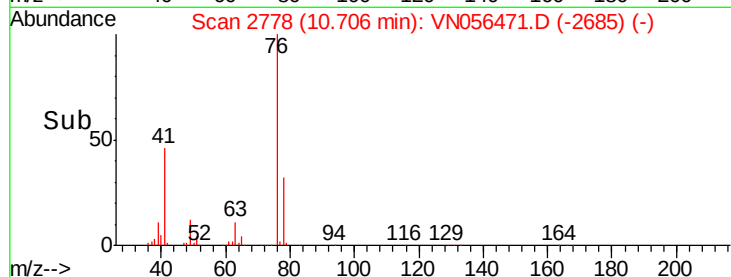
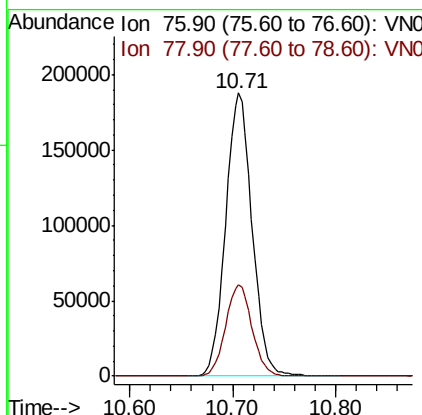
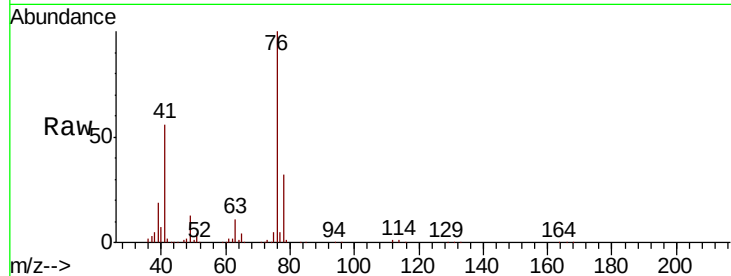




#57
 1,3-Dichloropropane
 Concen: 50.527 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

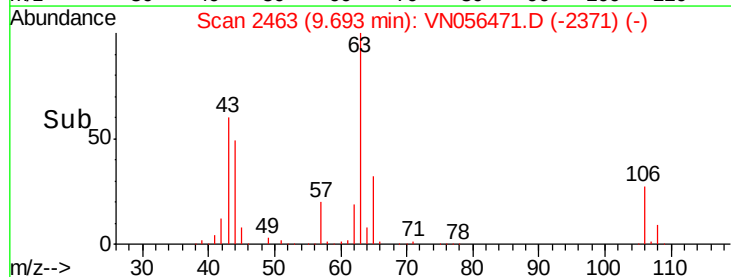
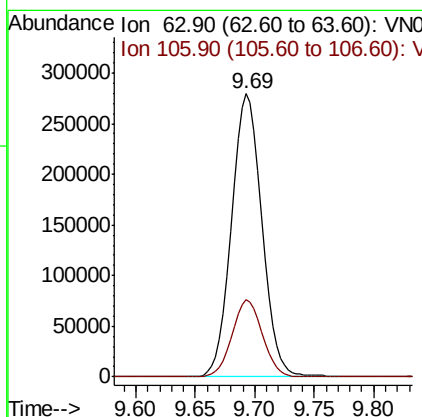
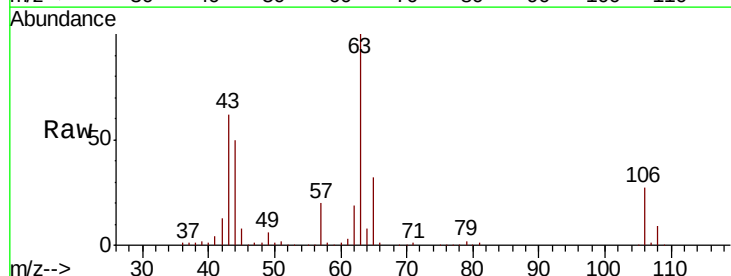
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

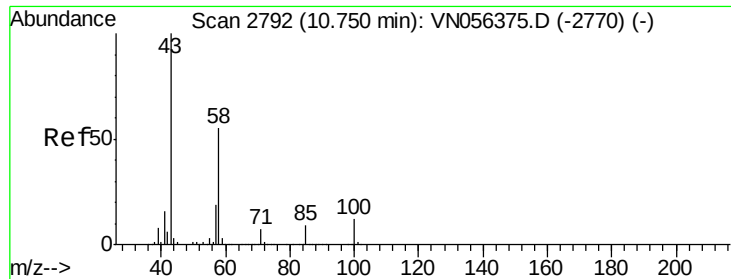
Tot Ion: 76 Resp: 334854
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.286 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion: 63 Resp: 495599
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

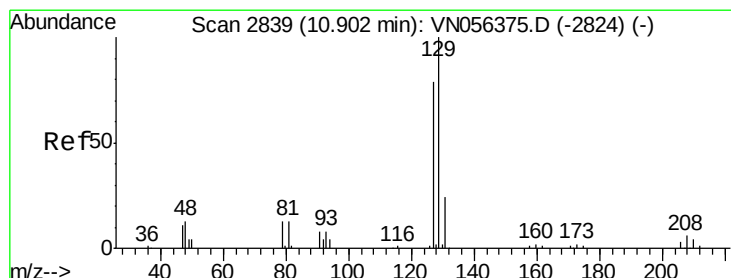
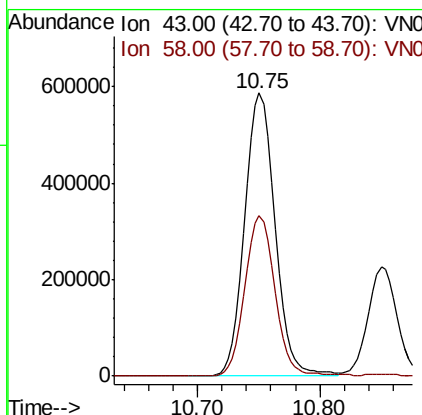
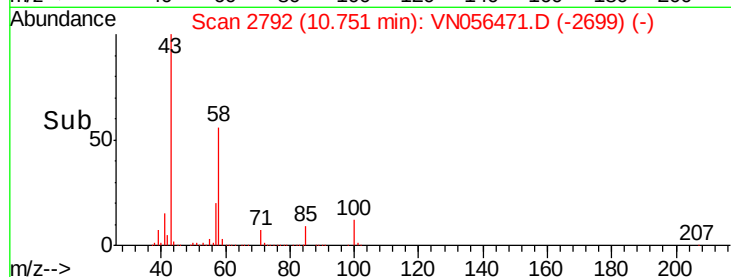
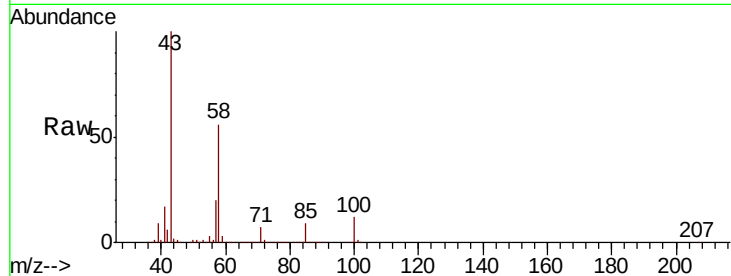




#59
2-Hexanone
Concen: 267.502 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

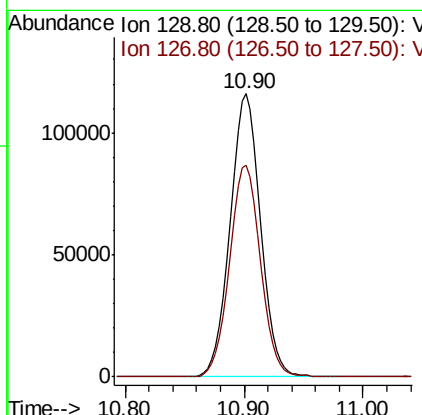
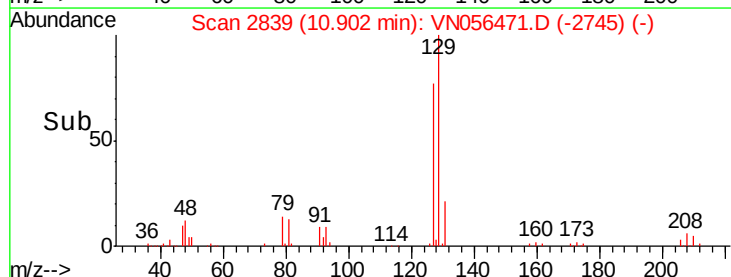
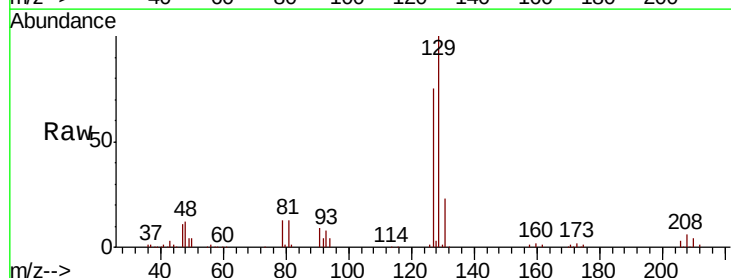
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

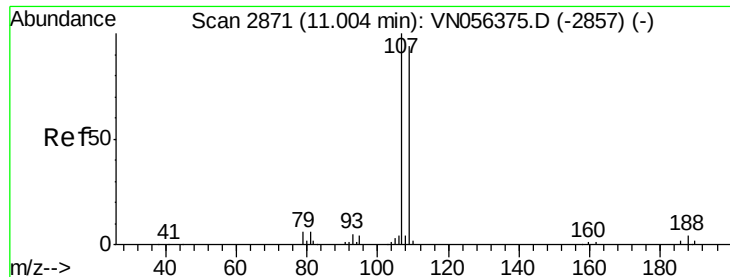
Tot Ion: 43 Resp: 1003519
Ion Ratio Lower Upper
43 100
58 56.5 27.8 83.4



#60
Dibromochloromethane
Concen: 50.699 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 129 Resp: 205717
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.417 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

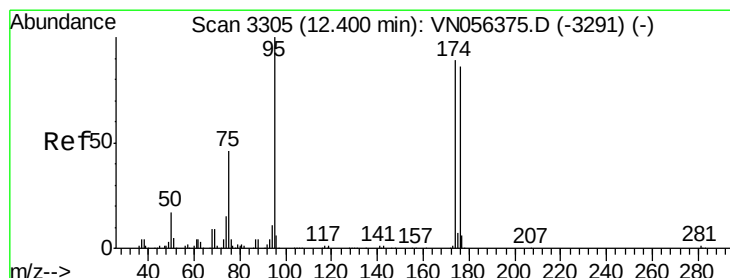
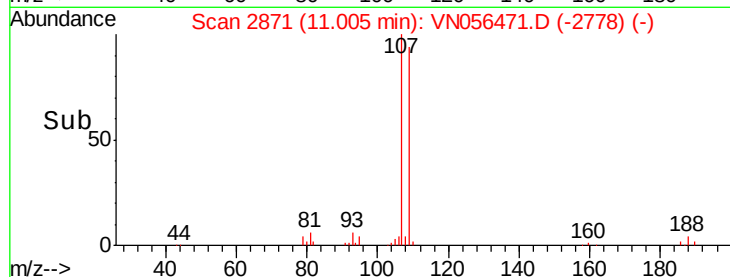
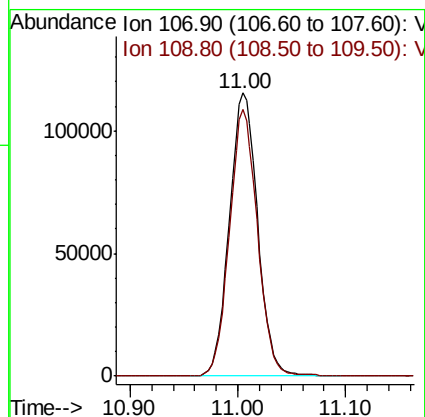
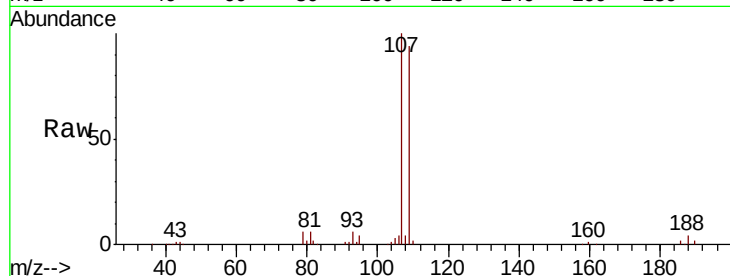
VSTDCCC050

Tot Ion: 107 Resp: 211196

Ion Ratio Lower Upper

107 100

109 93.2 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 49.717 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

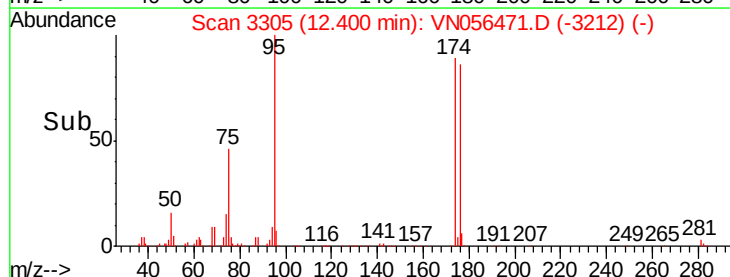
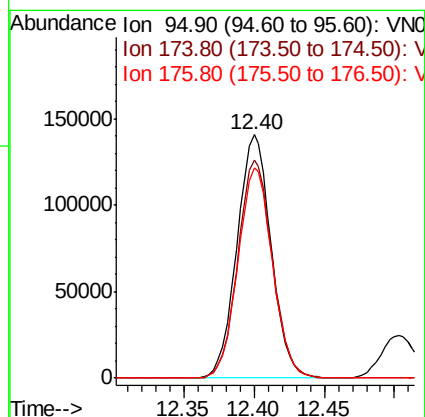
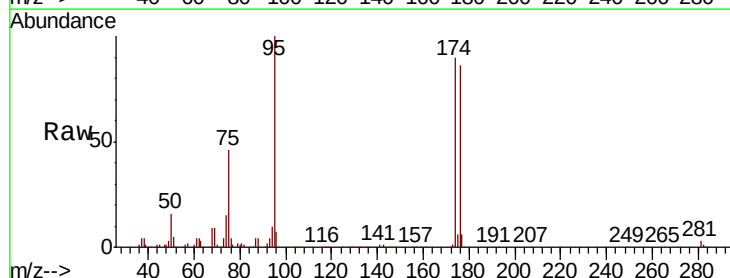
Tgt Ion: 95 Resp: 238530

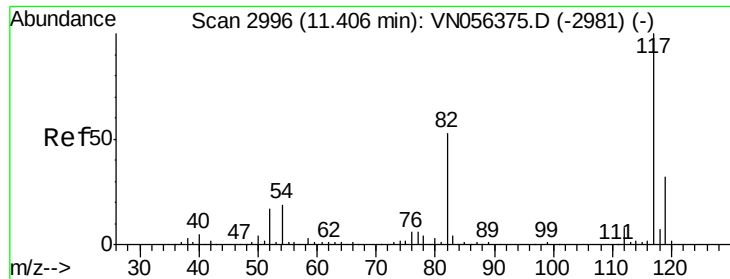
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.4

176 87.5 0.0 173.4

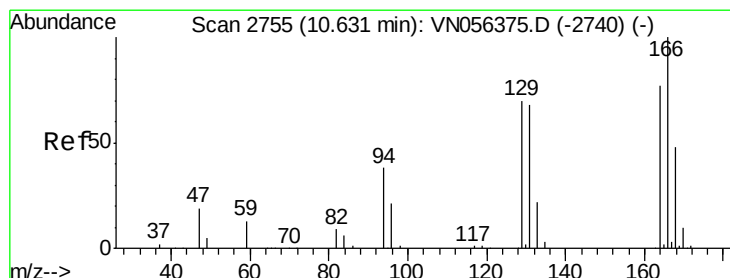
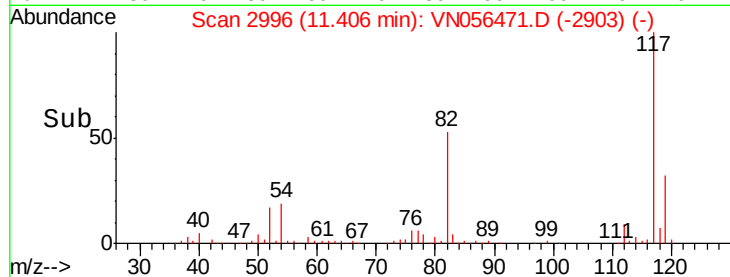
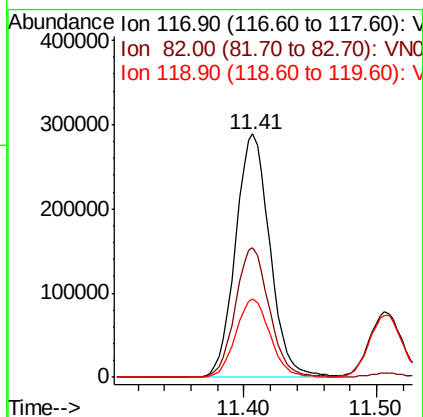
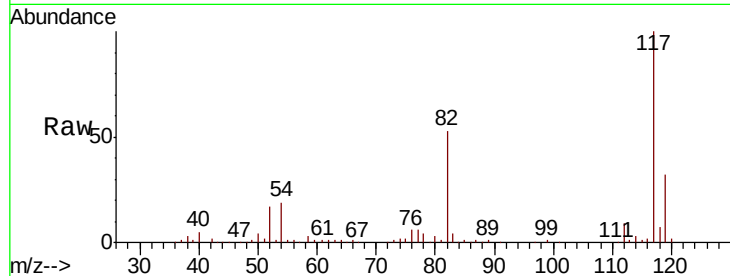




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

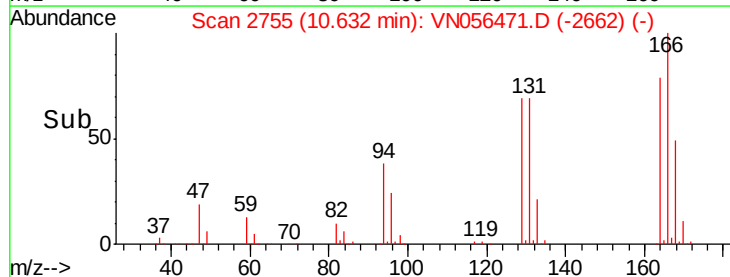
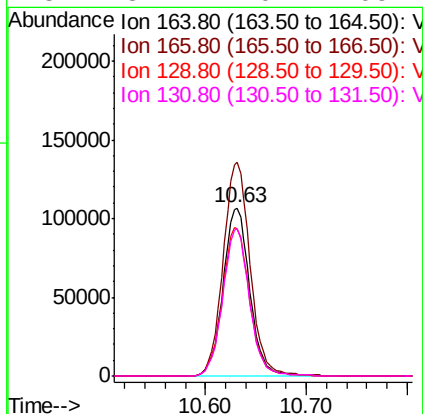
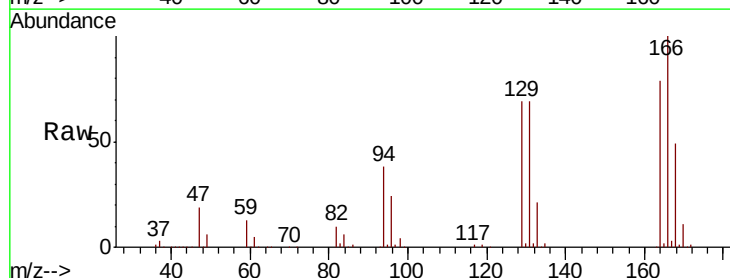
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

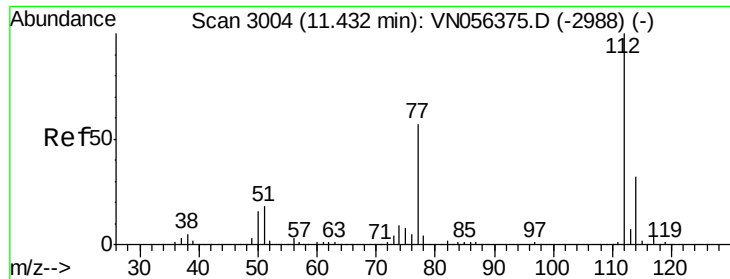
Tot Ion:117 Resp: 519789
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 47.890 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion:164 Resp: 197131
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.0
129 88.0 72.0 108.0
131 87.7 70.2 105.2

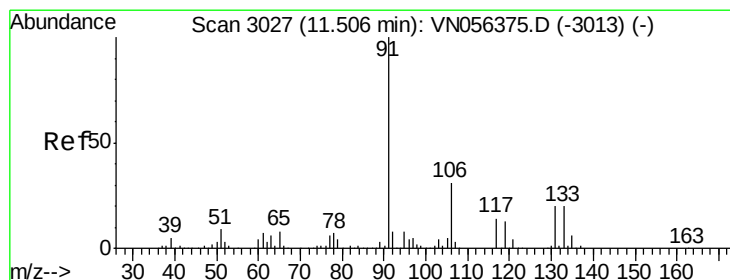
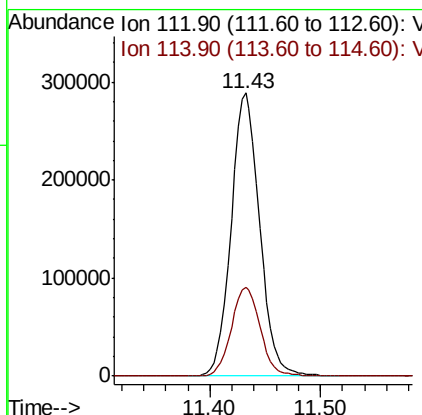
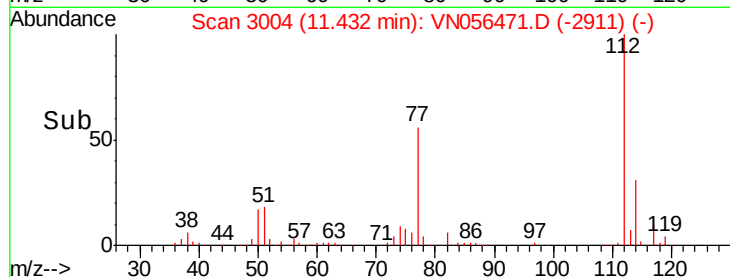
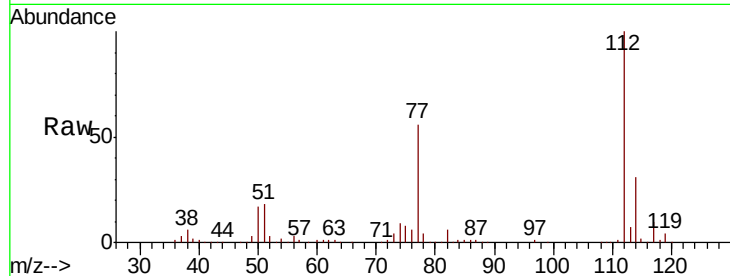




#65
Chlorobenzene
Concen: 49.440 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

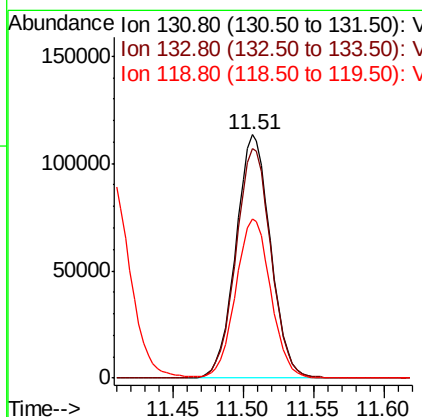
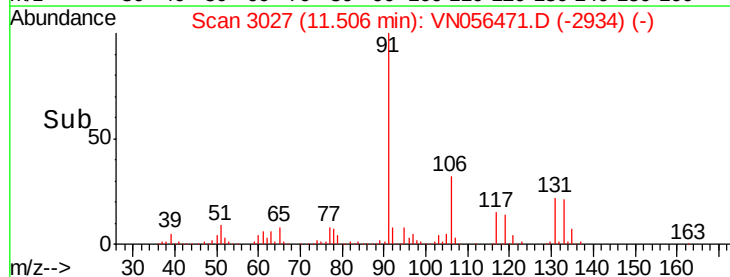
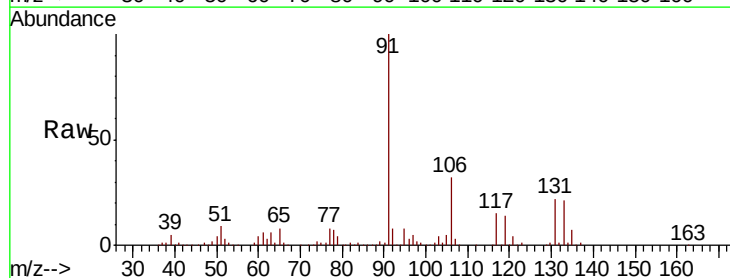
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

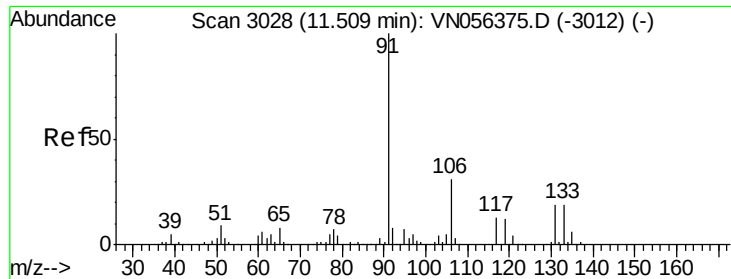
Tot Ion:112 Resp: 516375
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.346 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion:131 Resp: 195370
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 66.3 32.8 98.4

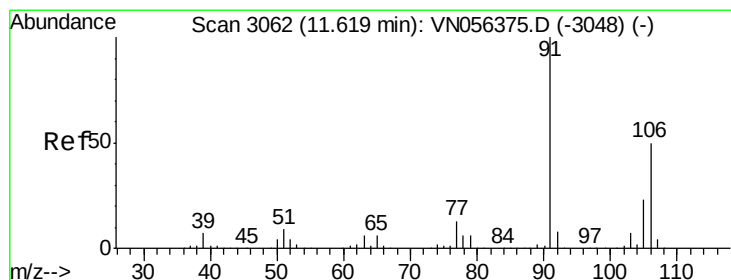
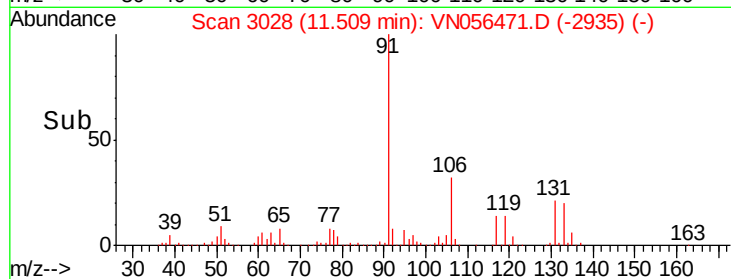
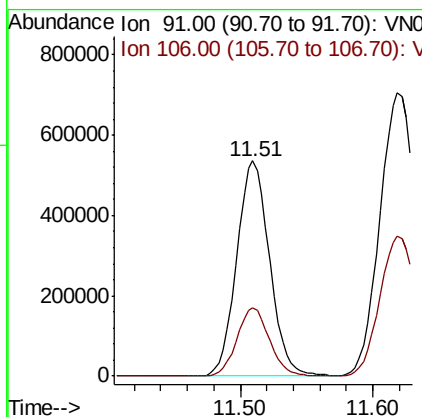
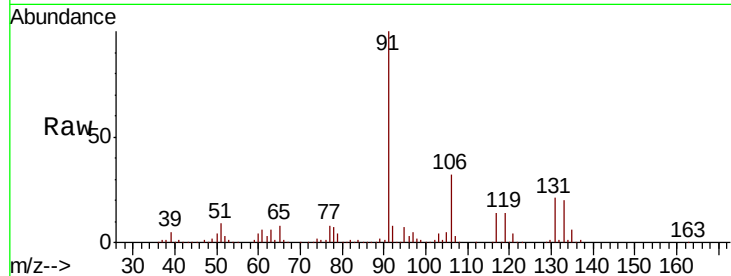




#67
Ethyl Benzene
Concen: 50.250 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

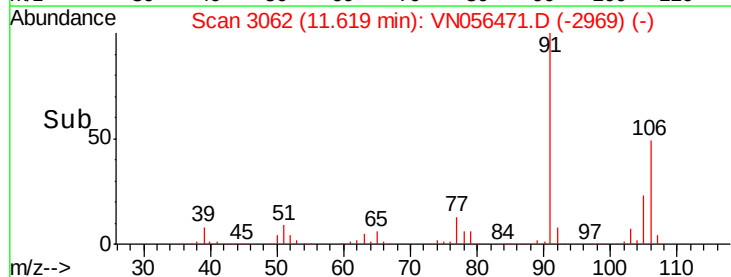
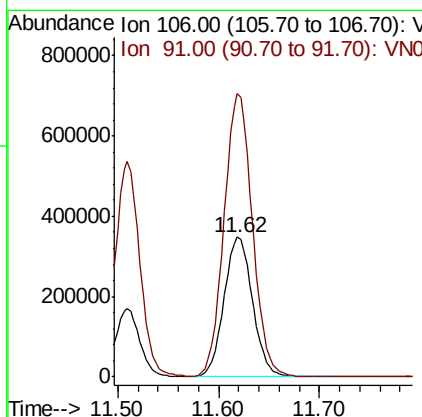
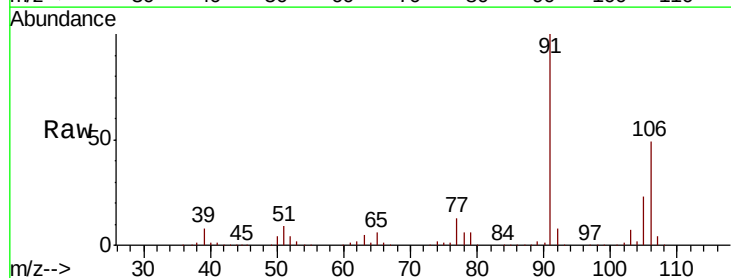
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

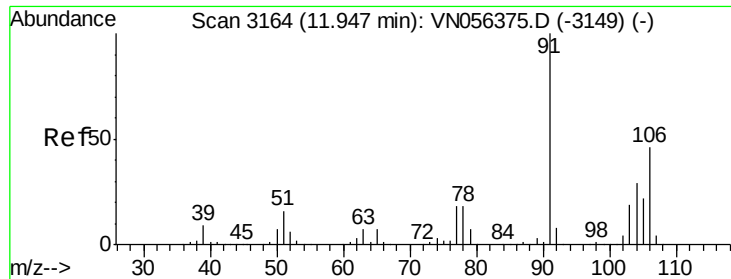
Tot Ion: 91 Resp: 921535
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 102.003 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 106 Resp: 685545
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1

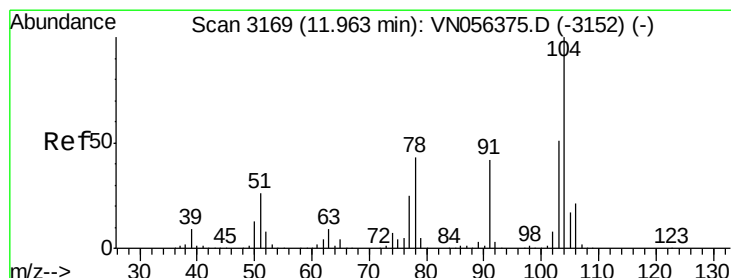
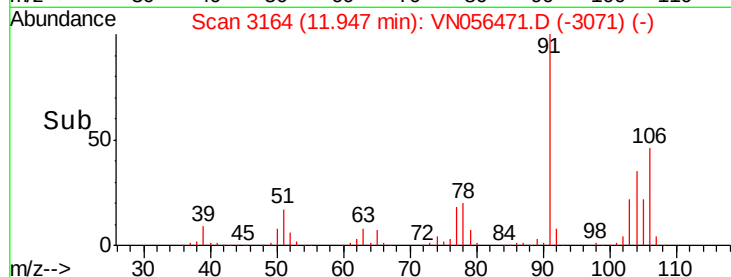
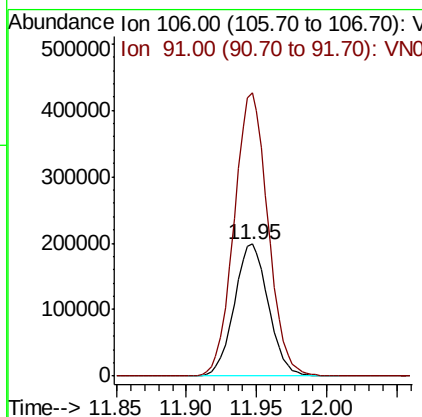
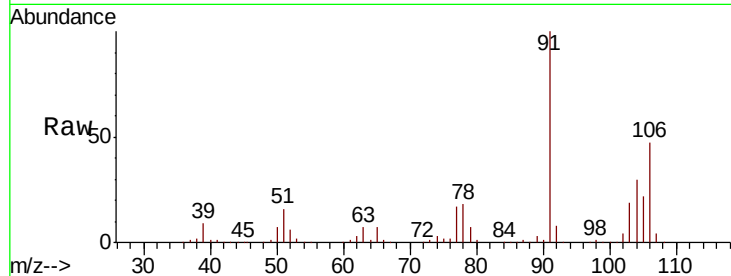




#69
o-Xylene
Concen: 50.587 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

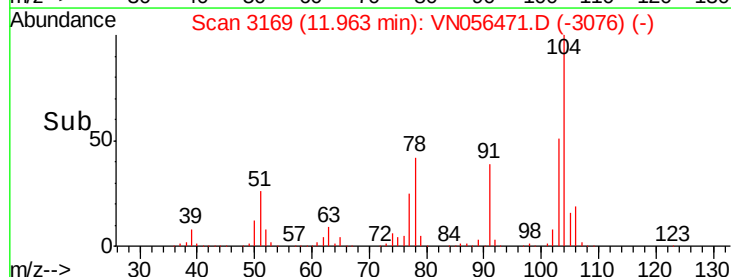
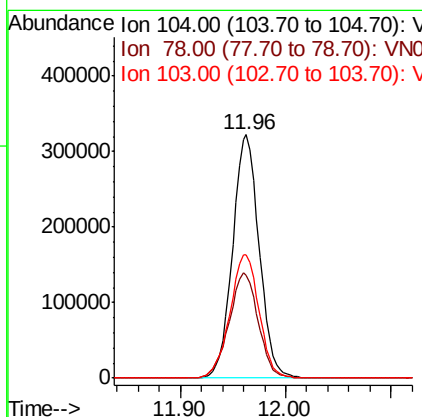
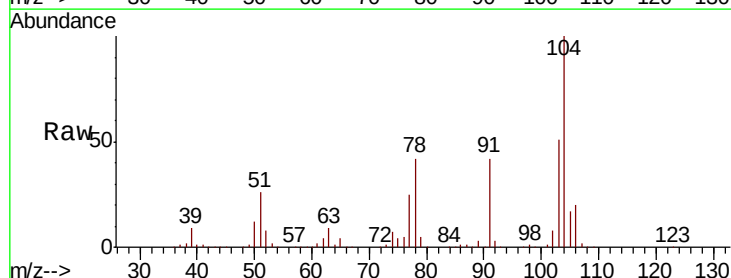
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

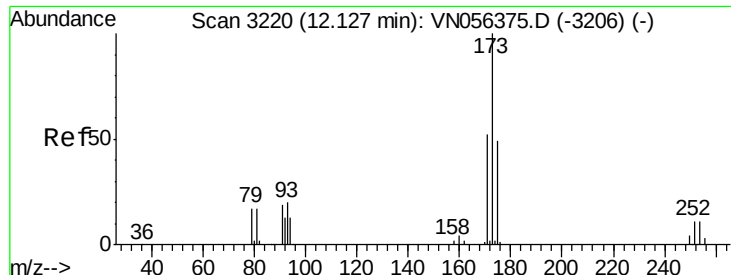
Tot Ion:106 Resp: 336362
Ion Ratio Lower Upper
106 100
91 213.3 107.1 321.3



#70
Styrene
Concen: 52.809 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion:104 Resp: 561262
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 55.6 43.9 65.9





#71

Bromoform

Concen: 50.795 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

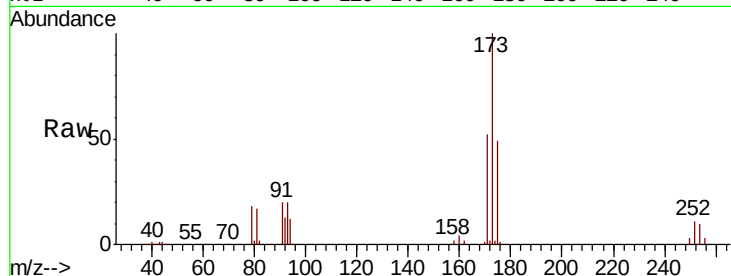
Tot Ion:173 Resp: 144802

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.4

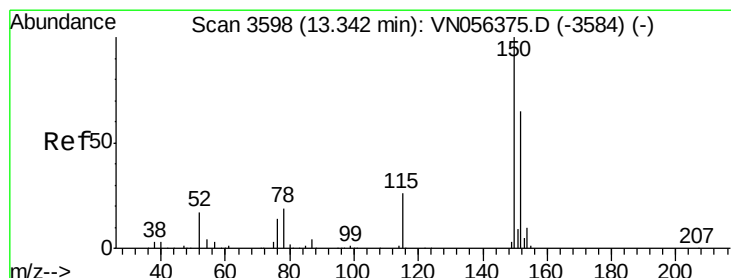
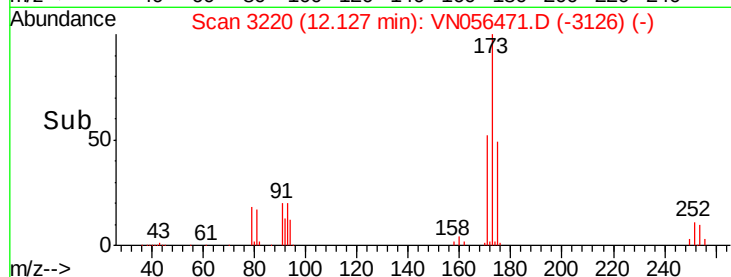
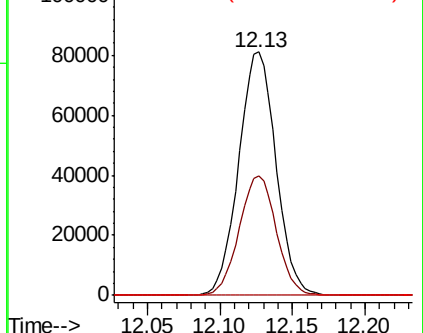
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

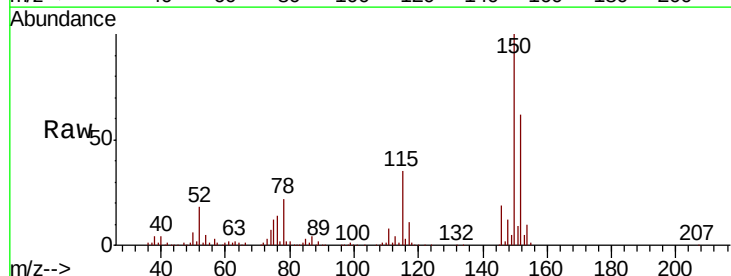
Tgt Ion:152 Resp: 219302

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.4

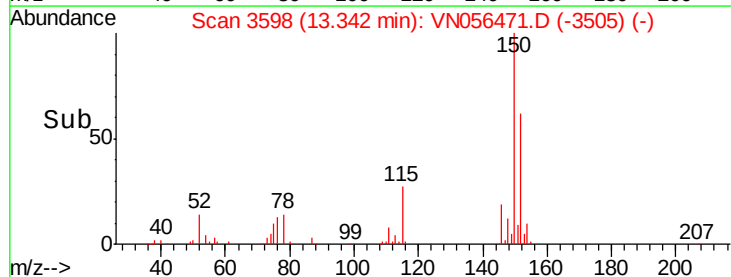
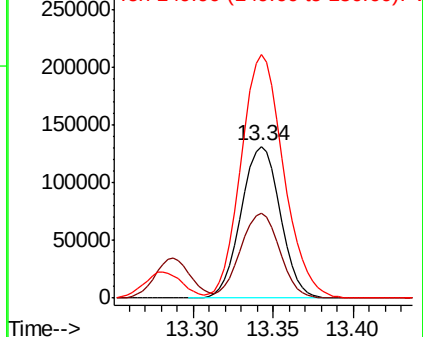
150 174.8 0.0 348.4

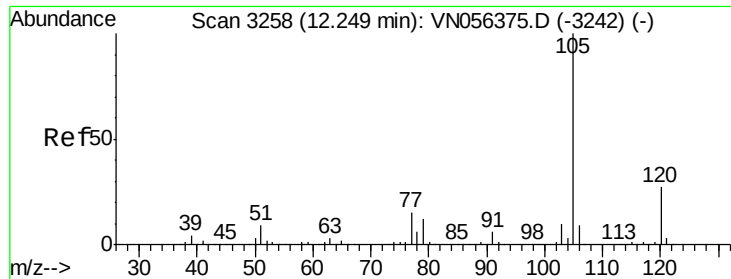


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.275 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

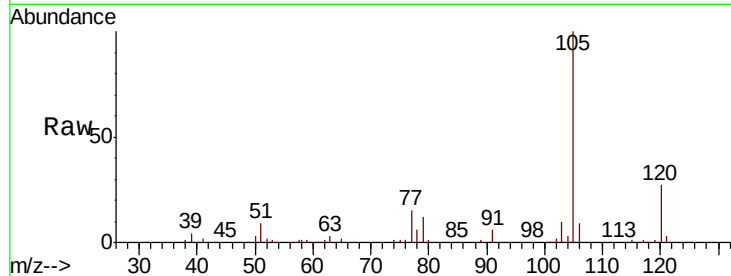
VSTDCCC050

Tot Ion:105 Resp: 905805

Ion Ratio Lower Upper

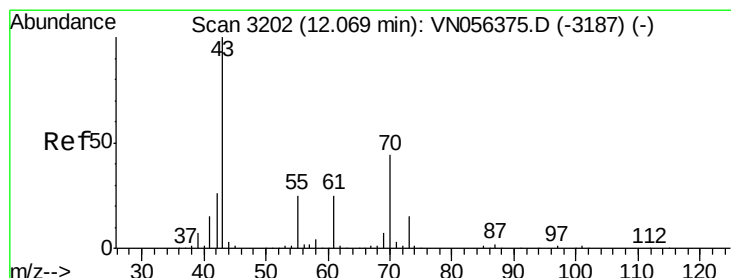
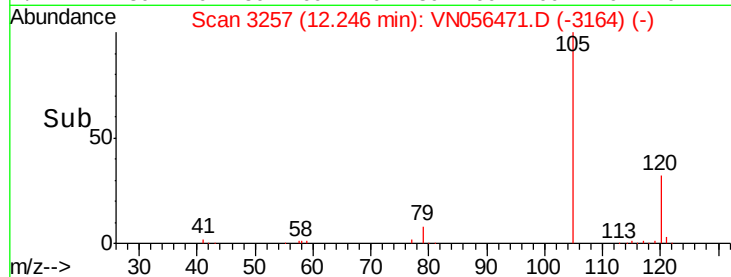
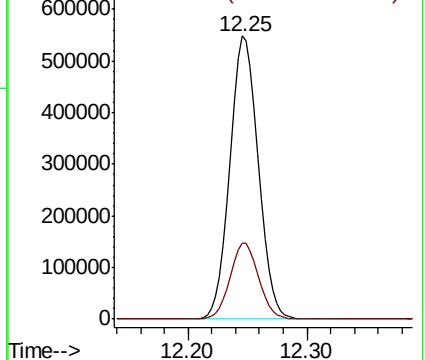
105 100

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: 49.523 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Tgt Ion: 43 Resp: 345647

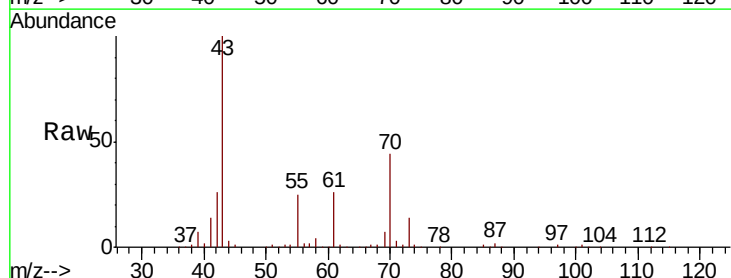
Ion Ratio Lower Upper

43 100

70 44.0 34.9 52.3

55 25.2 20.4 30.6

61 25.4 19.8 29.8

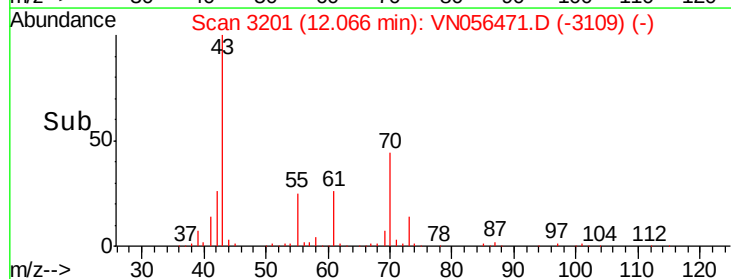
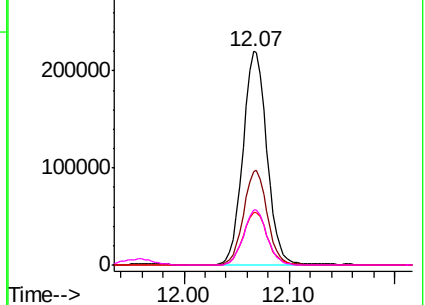


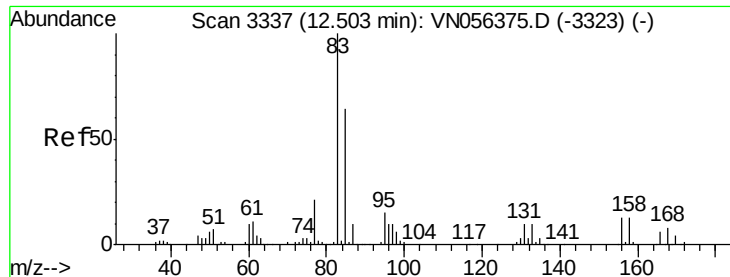
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.495 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

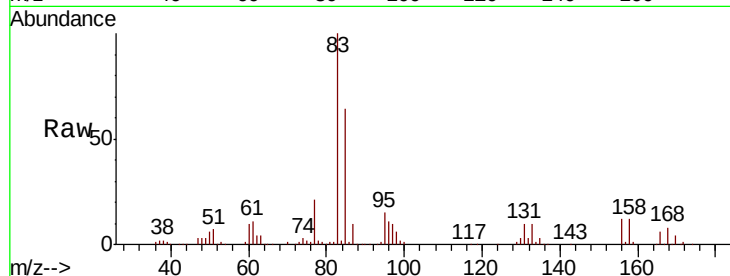
Tot Ion: 83 Resp: 286054

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

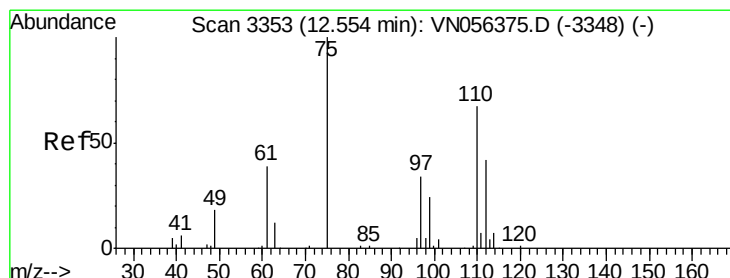
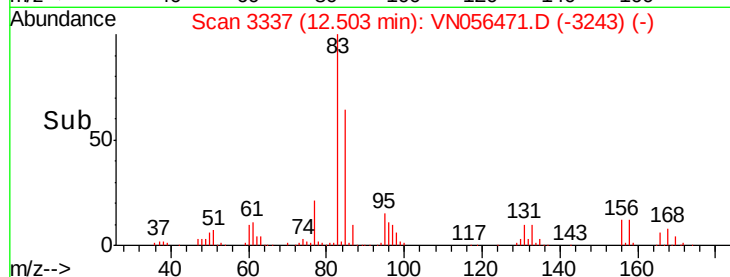
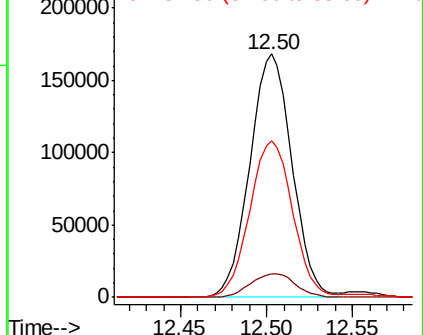
85 65.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.290 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056471.D

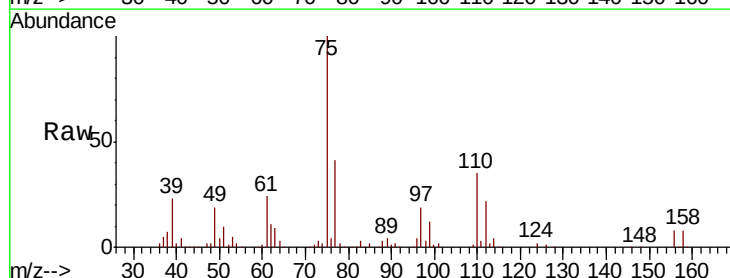
Acq: 25 Jun 2019 9:06

Tgt Ion: 75 Resp: 337817

Ion Ratio Lower Upper

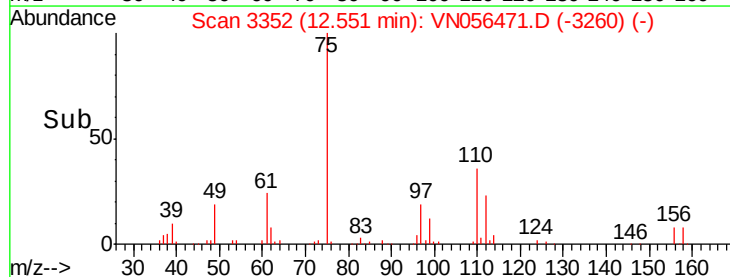
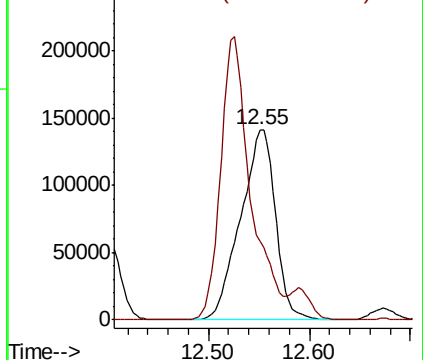
75 100

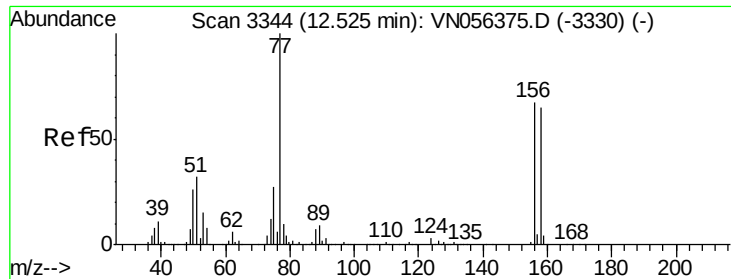
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.882 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

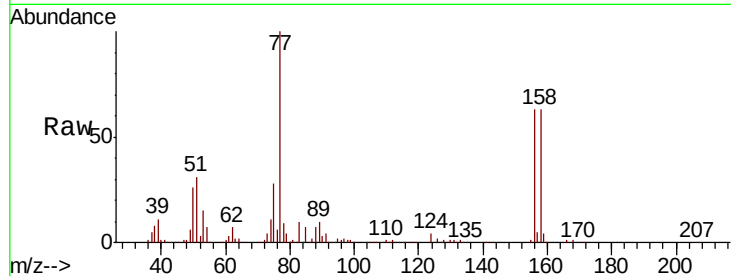
Tot Ion:156 Resp: 229888

Ion Ratio Lower Upper

156 100

77 190.5 92.5 277.3

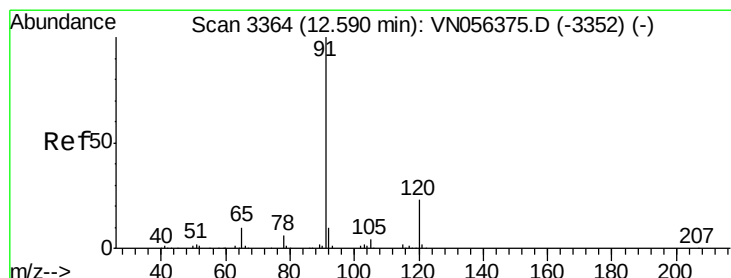
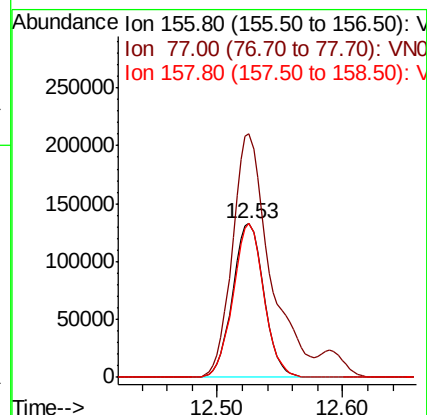
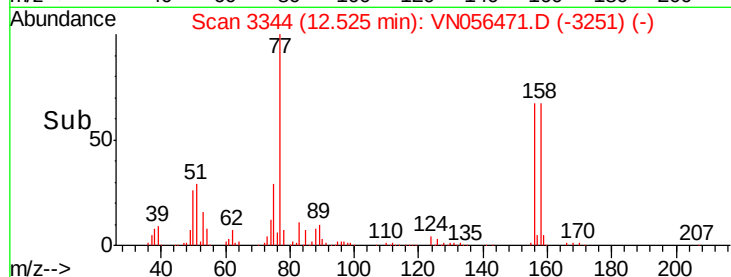
158 98.0 48.7 146.1



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: 49.080 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056471.D

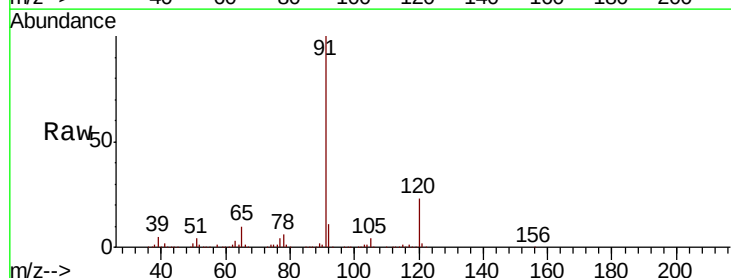
Acq: 25 Jun 2019 9:06

Tgt Ion: 91 Resp: 985672

Ion Ratio Lower Upper

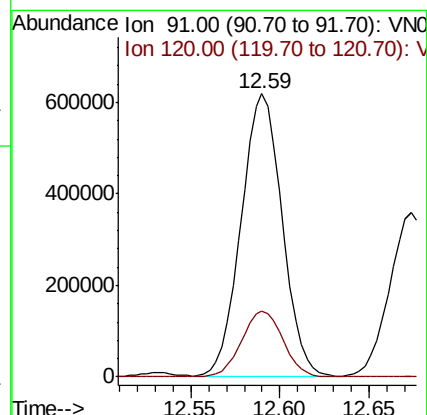
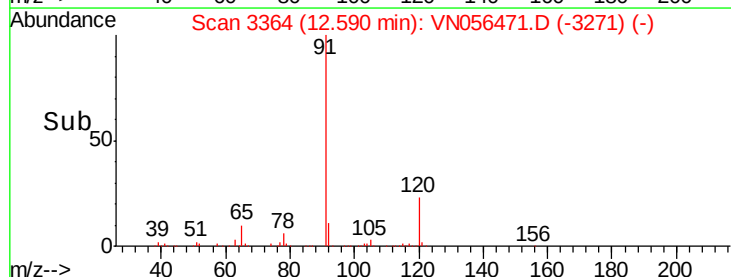
91 100

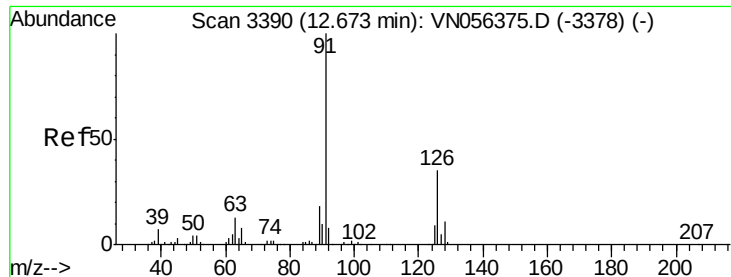
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.859 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

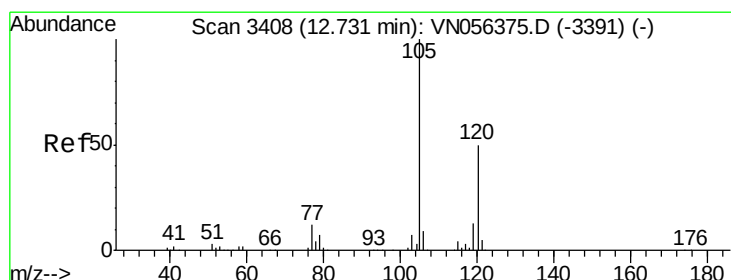
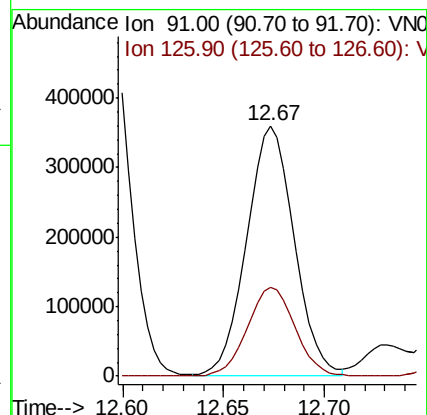
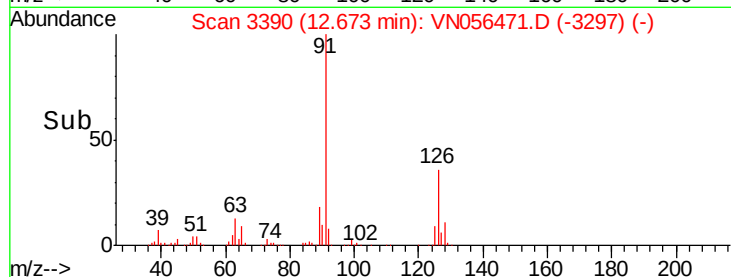
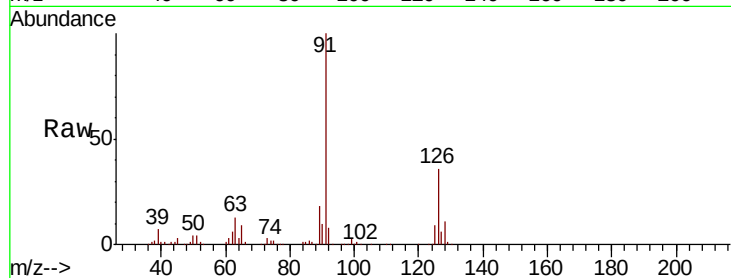
VSTDCCC050

Tot Ion: 91 Resp: 590958

Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 53.826 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056471.D

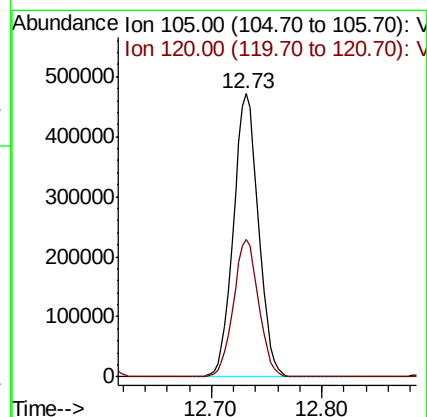
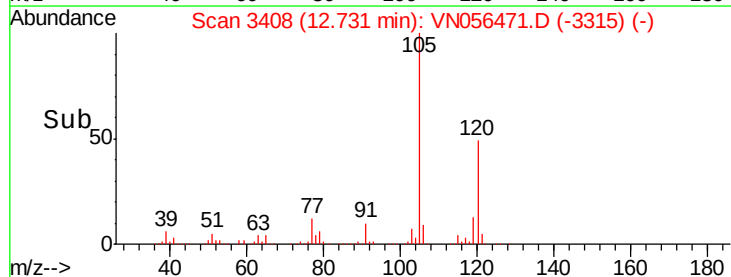
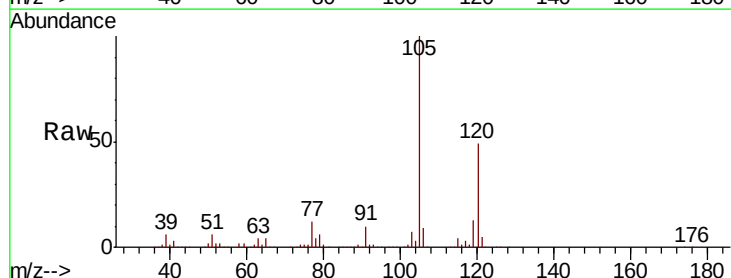
Acq: 25 Jun 2019 9:06

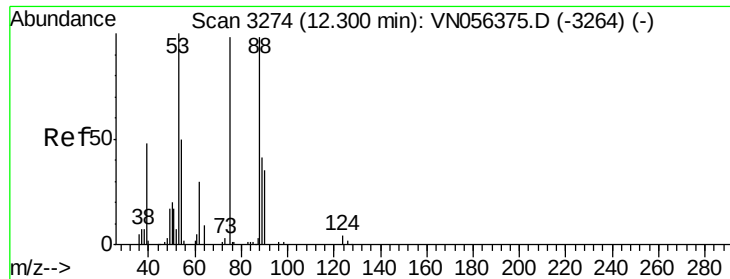
Tgt Ion: 105 Resp: 740491

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.210 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

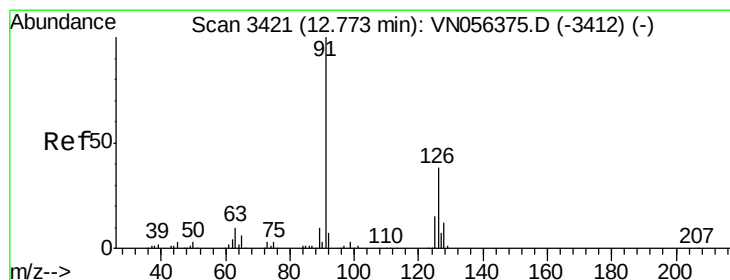
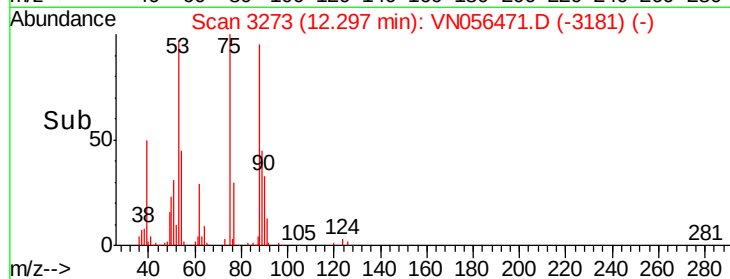
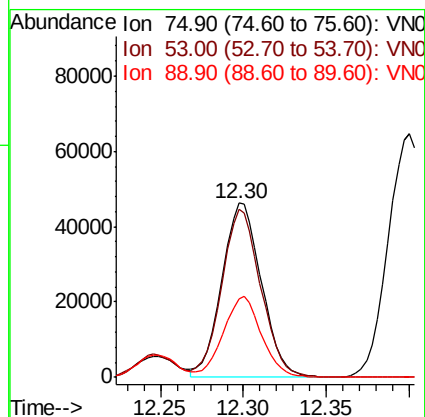
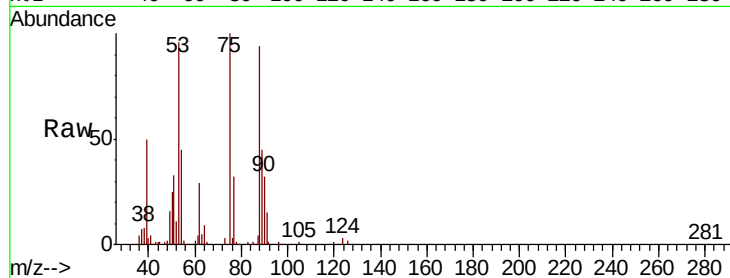
Tot Ion: 75 Resp: 77034

Ion Ratio Lower Upper

75 100

53 95.7 83.9 125.9

89 45.0 35.0 52.6



#82

4-Chlorotoluene

Concen: 48.188 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056471.D

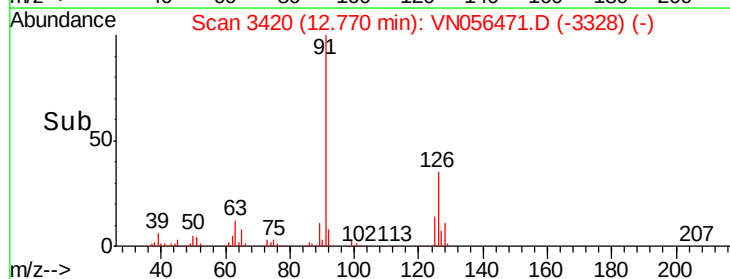
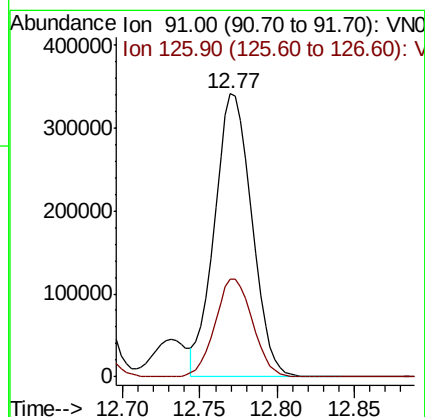
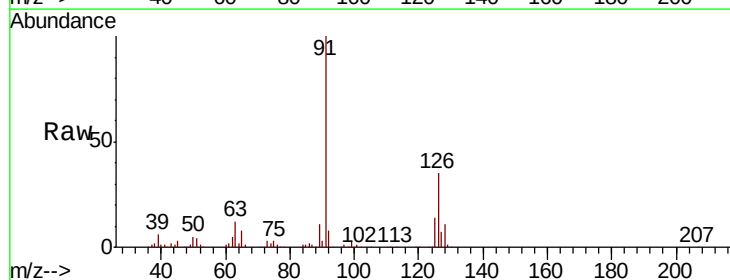
Acq: 25 Jun 2019 9:06

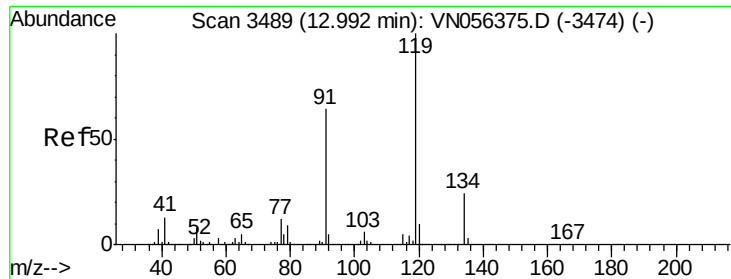
Tgt Ion: 91 Resp: 571402

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0

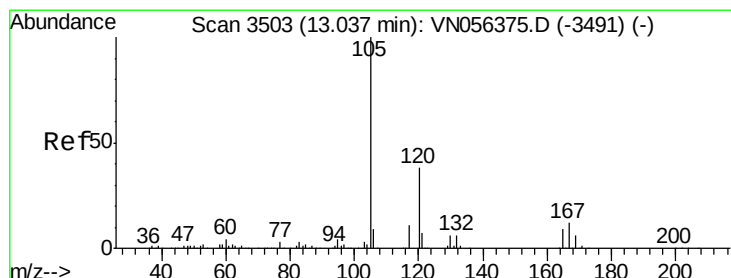
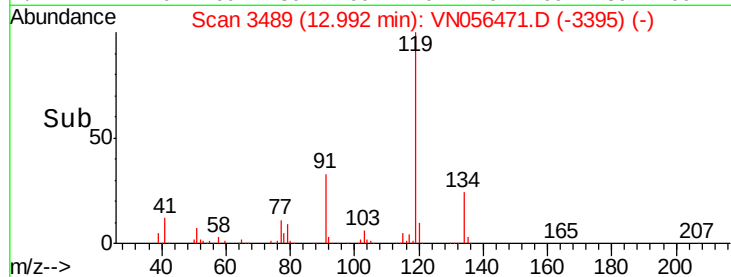
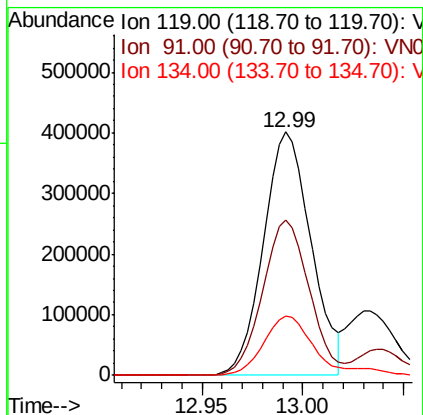
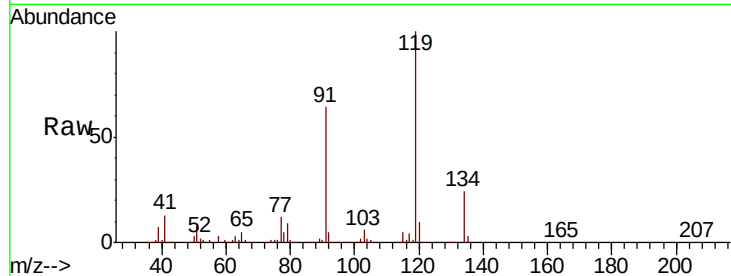




#83
 tert-Butylbenzene
 Concen: 55.139 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

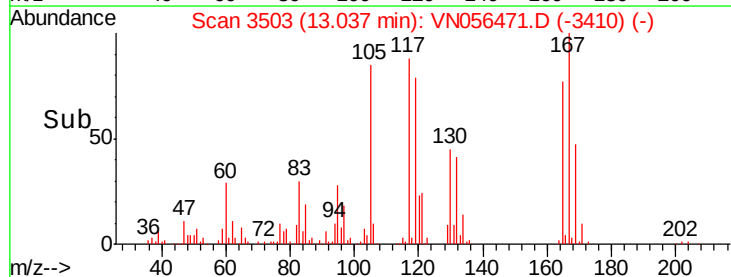
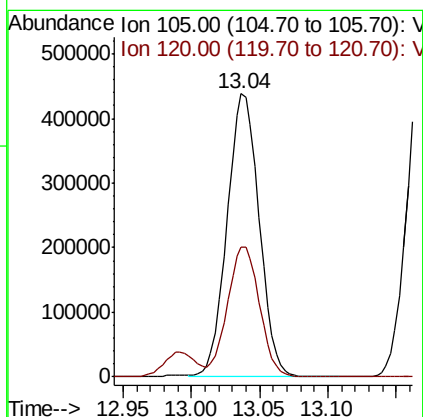
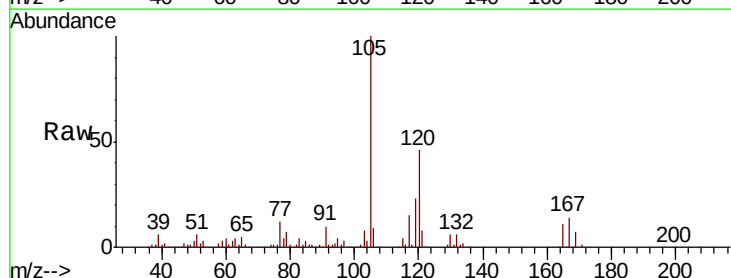
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

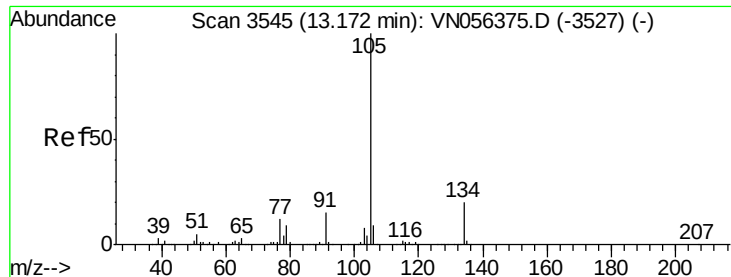
Tot Ion:119 Resp: 659705
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 94.7
 134 24.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.376 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion:105 Resp: 714188
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 49.019 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

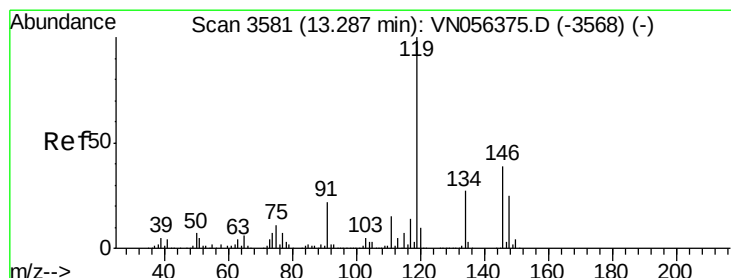
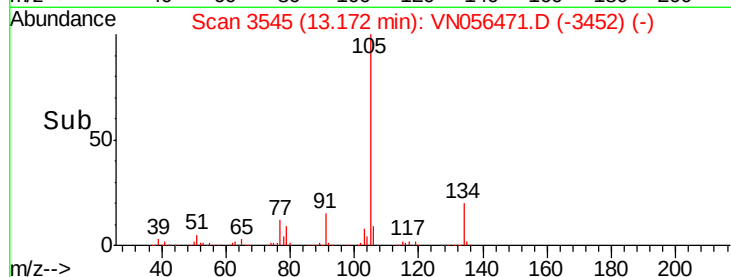
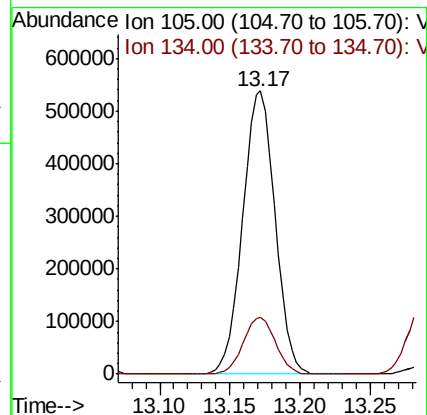
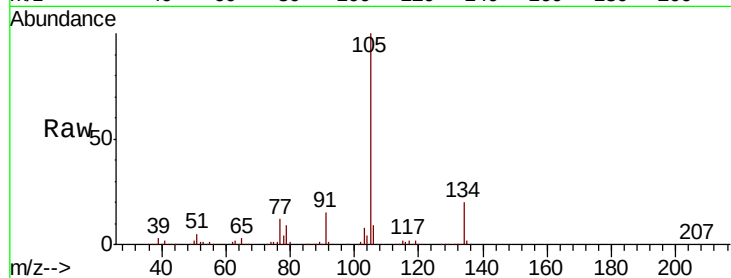
VSTDCCC050

Tot Ion:105 Resp: 865260

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.902 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

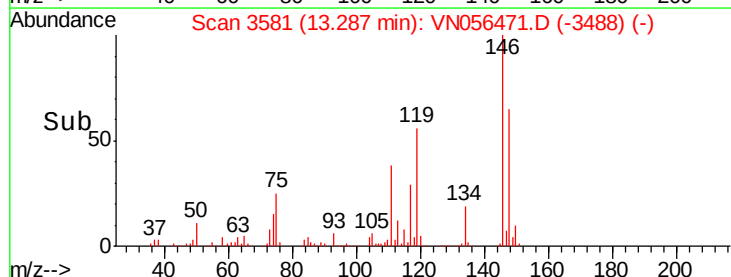
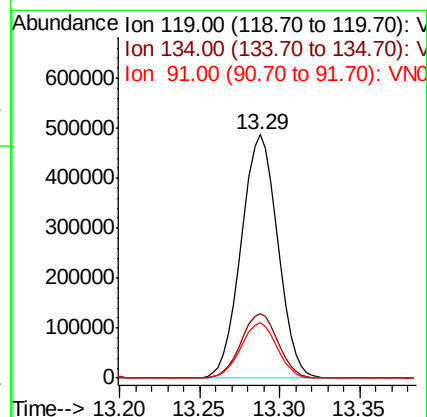
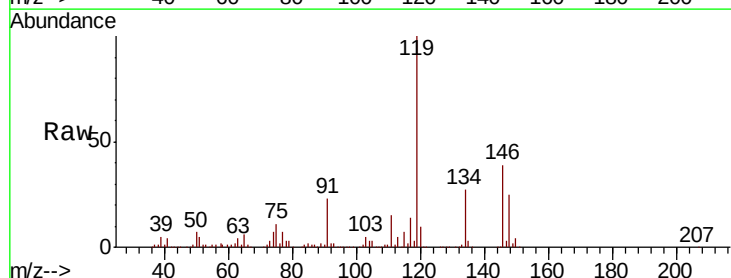
Tgt Ion:119 Resp: 755953

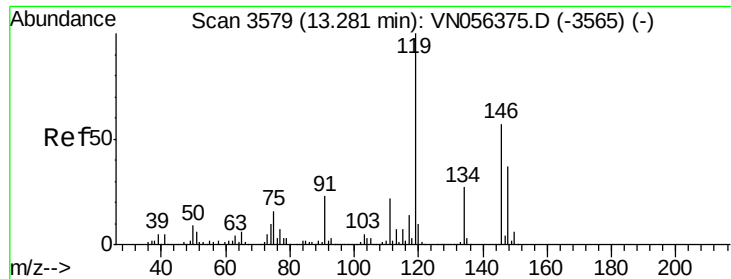
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.7 11.2 33.5

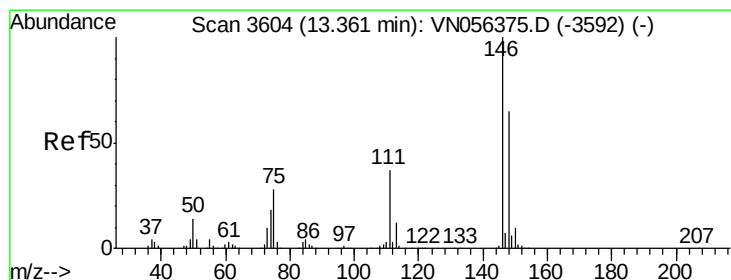
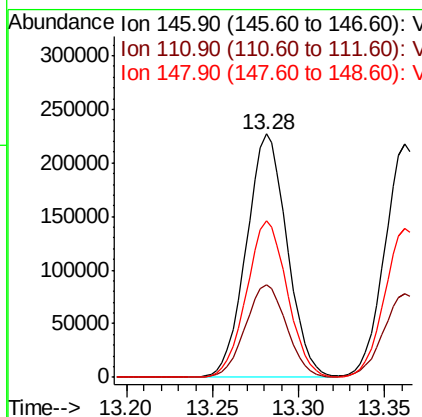
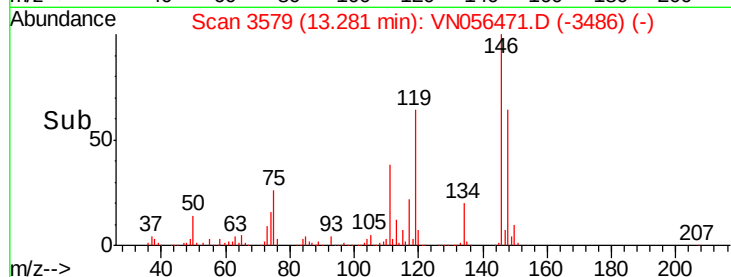
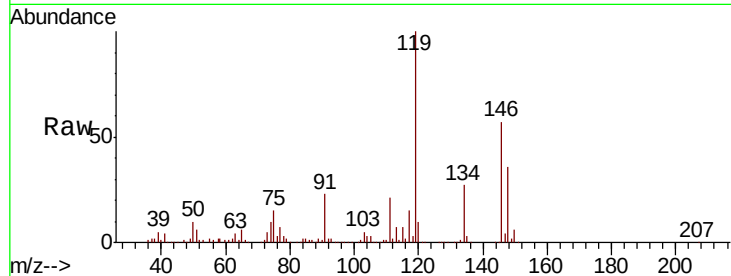




#87
 1,3-Dichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

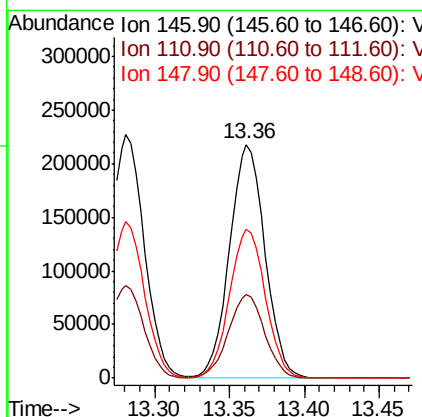
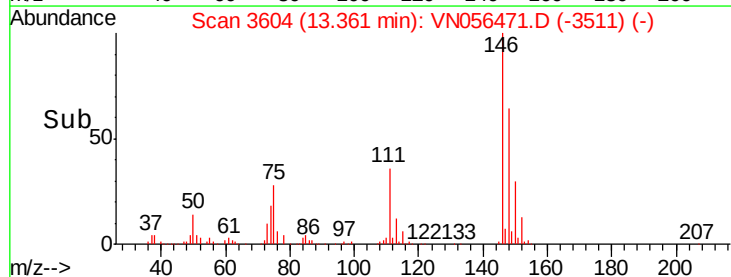
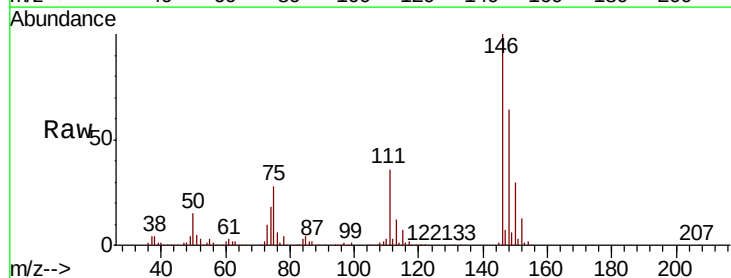
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

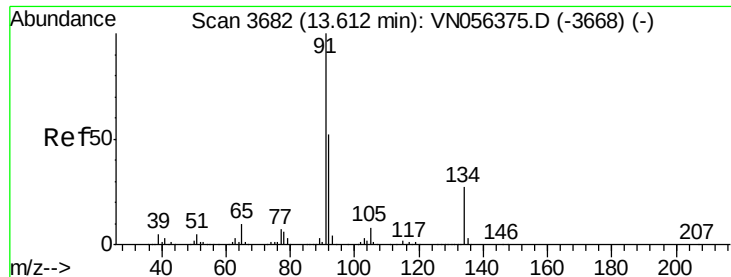
Tot Ion:146 Resp: 371758
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.877 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion:146 Resp: 358965
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.4
 148 64.6 32.4 97.0

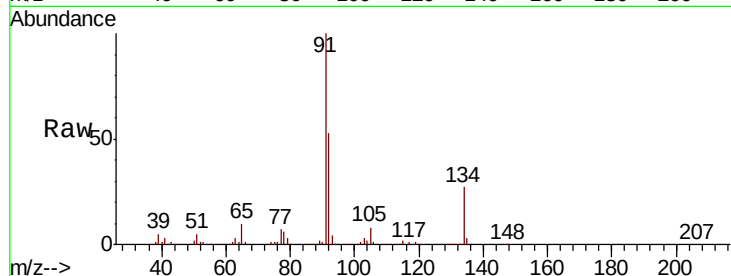




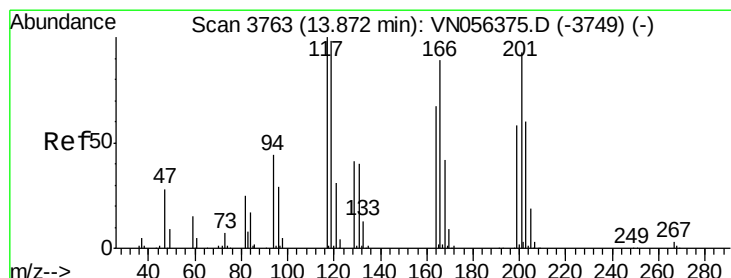
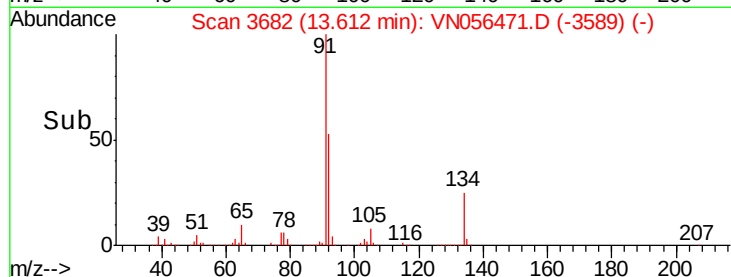
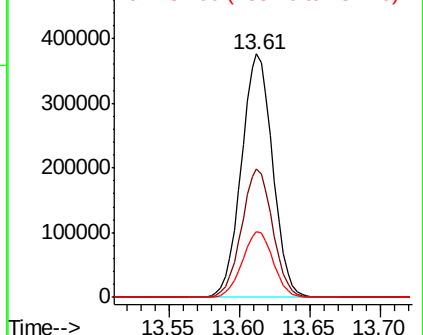
#89
n-Butylbenzene
Concen: 50.797 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 582532
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 26.7 13.4 40.2

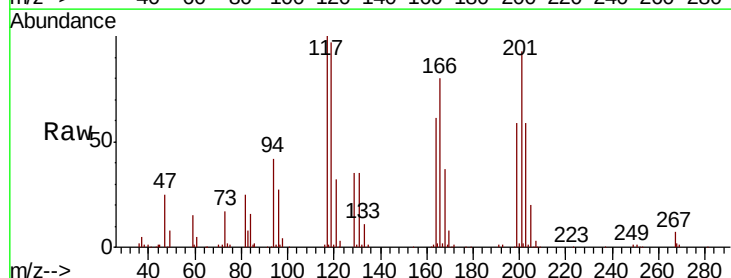


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

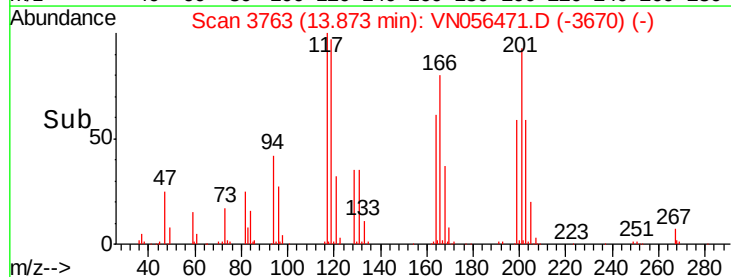
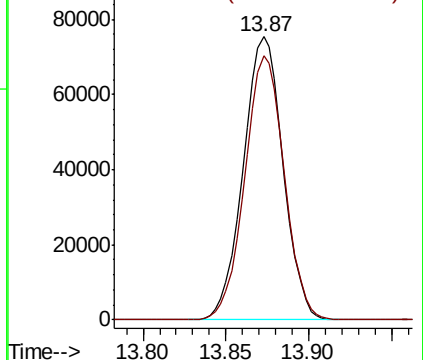


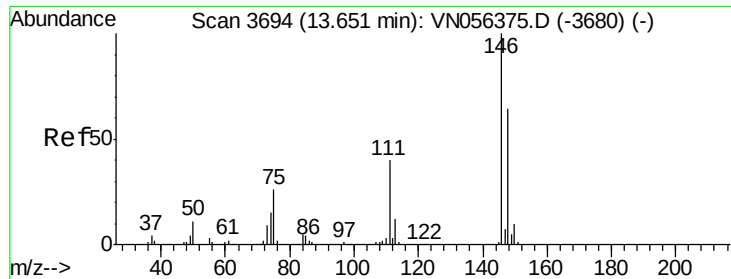
#90
Hexachloroethane
Concen: 53.295 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056471.D
Acq: 25 Jun 2019 9:06

Tgt Ion: 117 Resp: 125869
Ion Ratio Lower Upper
117 100
201 92.5 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN0
Ion 200.70 (200.40 to 201.40): VN0

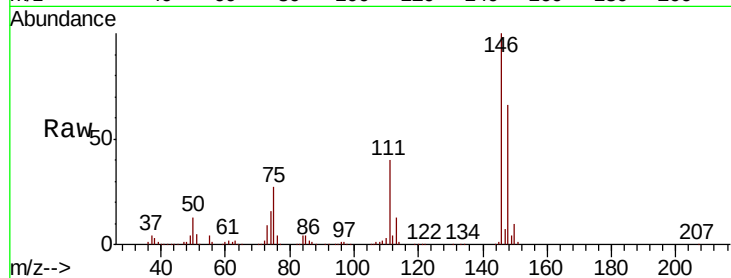




#91
 1,2-Dichlorobenzene
 Concen: 49.794 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	65.4	32.0	96.0

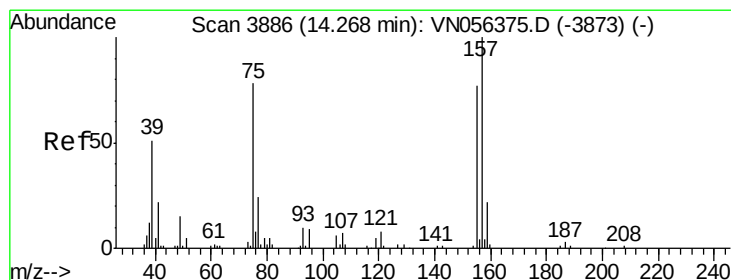
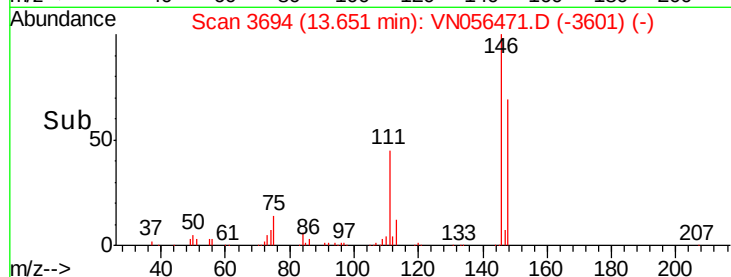
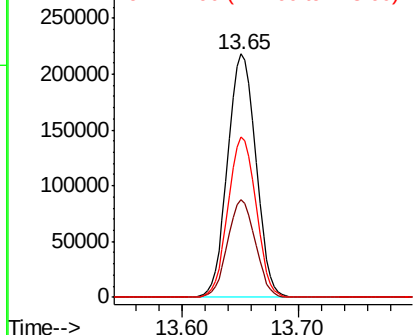


Abundance

Ion 145.90 (145.60 to 146.60): V

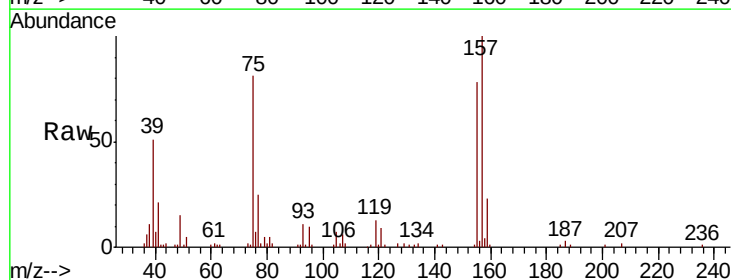
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.720 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	48.9	146.8
157	126.9	62.9	188.8

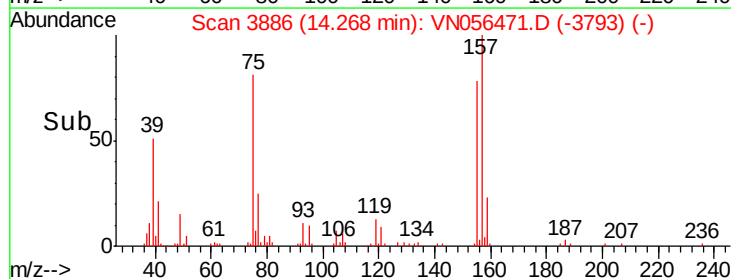
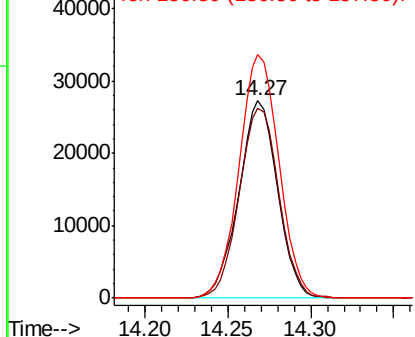


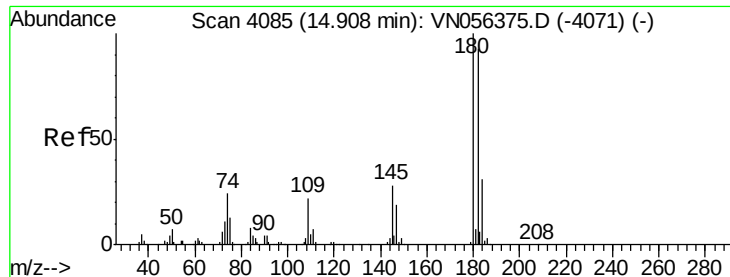
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

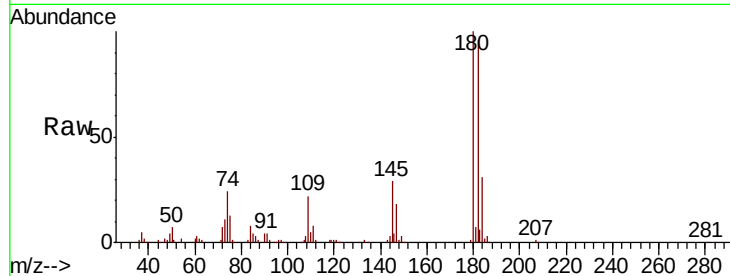




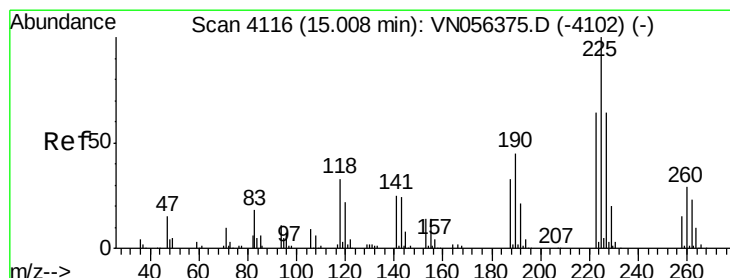
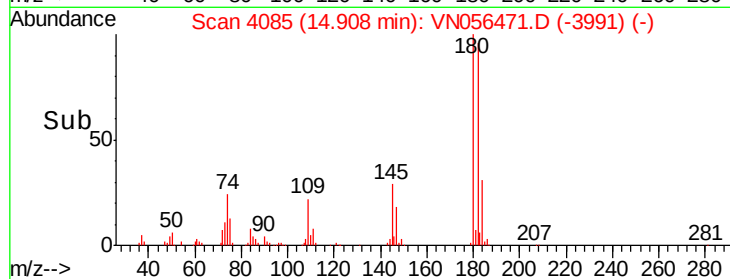
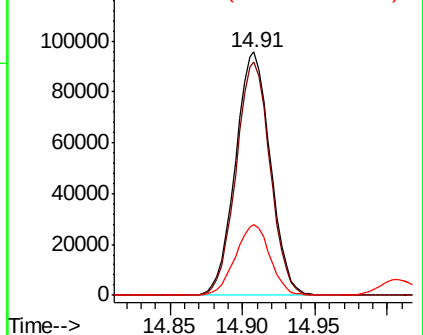
#93
 1,2,4-Trichlorobenzene
 Concen: 42.520 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 159624
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.6
 145 28.7 14.4 43.0

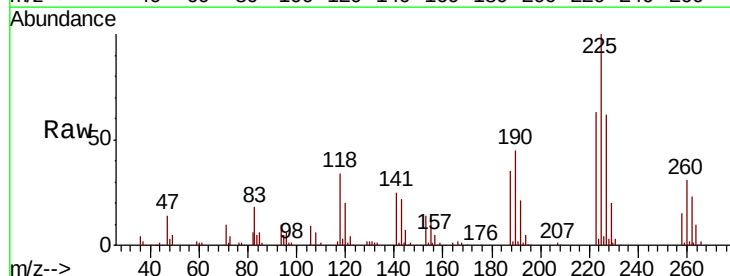


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

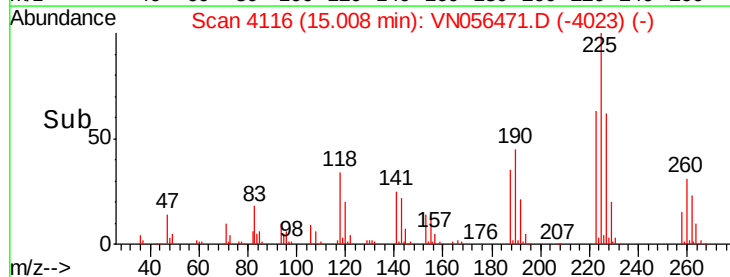
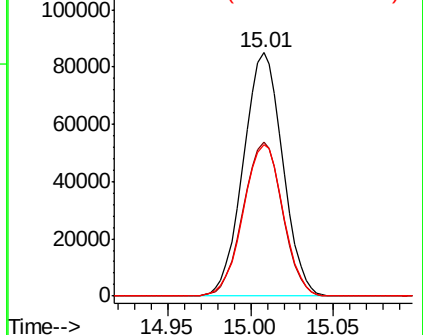


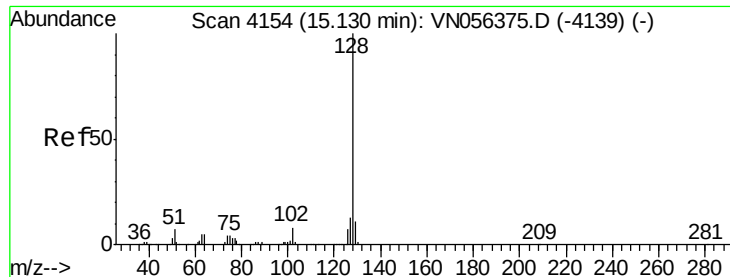
#94
 Hexachlorobutadiene
 Concen: 56.569 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056471.D
 Acq: 25 Jun 2019 9:06

Tgt Ion:225 Resp: 140725
 Ion Ratio Lower Upper
 225 100
 223 63.3 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: 42.527 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

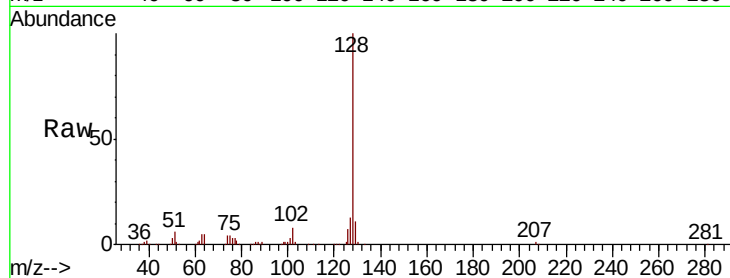
Tot Ion:128 Resp: 417952

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.6 12.8

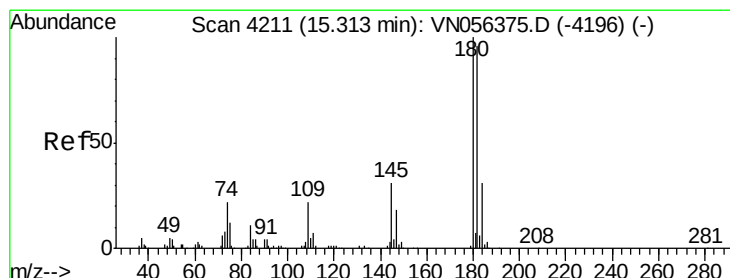
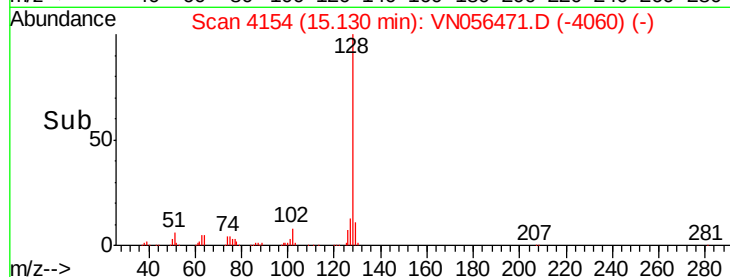
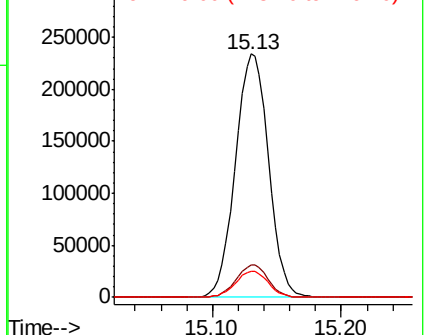


Abundance

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: 44.567 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056471.D

Acq: 25 Jun 2019 9:06

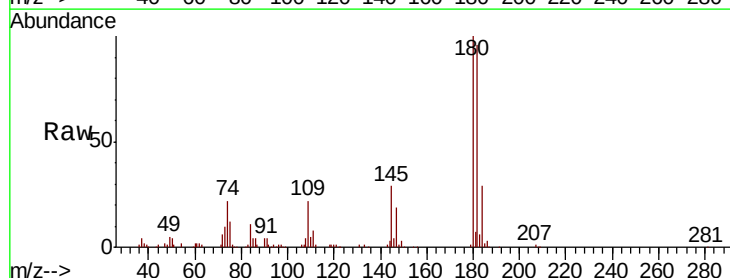
Tgt Ion:180 Resp: 175173

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 29.8 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

