

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061063.D
 Acq On : 17 Apr 2020 19:55
 Operator : JC/MD
 Sample : L2337-05MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	255722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	235324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112039	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	95465	50.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.04%	
35) Dibromofluoromethane	7.56	113	73815	49.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.86%	
50) Toluene-d8	10.08	98	264819	46.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.39	95	105766	47.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	88277	44.810	ug/l	99
3) Chloromethane	2.04	50	131349	49.645	ug/l	97
4) Vinyl Chloride	2.17	62	108053	49.144	ug/l	99
5) Bromomethane	2.54	94	51843	47.019	ug/l	100
6) Chloroethane	2.68	64	66139	52.147	ug/l	97
7) Trichlorofluoromethane	3.00	101	134644	49.189	ug/l	99
8) Diethyl Ether	3.38	74	55636	51.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	71042	44.236	ug/l	99
10) Methyl Iodide	3.93	142	76459	53.967	ug/l	99
11) Tert butyl alcohol	4.73	59	90692	267.816	ug/l	100
12) 1,1-Dichloroethene	3.72	96	79642	48.787	ug/l	98
13) Acrolein	3.57	56	68923	241.053	ug/l	100
14) Allyl chloride	4.29	41	143531	46.469	ug/l	98
15) Acrylonitrile	4.94	53	252537	275.044	ug/l	99
16) Acetone	3.78	43	209422	249.291	ug/l	99
17) Carbon Disulfide	4.03	76	226945	44.428	ug/l	100
18) Methyl Acetate	4.28	43	134982	51.241	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	287708	50.545	ug/l	99
20) Methylene Chloride	4.52	84	92207	50.272	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	83143	47.619	ug/l	97
22) Diisopropyl ether	5.91	45	326911	50.961	ug/l	97
23) Vinyl Acetate	5.86	43	1234701	245.447	ug/l	100
24) 1,1-Dichloroethane	5.82	63	174586	50.390	ug/l	99
25) 2-Butanone	6.80	43	343313	266.693	ug/l	99
26) 2,2-Dichloropropane	6.79	77	123356	42.761	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	99636	49.705	ug/l	98
28) Bromochloromethane	7.17	49	80863	50.845	ug/l	99
29) Tetrahydrofuran	7.18	42	238050	272.390	ug/l	100
30) Chloroform	7.35	83	164202	50.811	ug/l	98
31) Cyclohexane	7.63	56	154326	43.407	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	139633	49.954	ug/l	99
36) 1,1-Dichloropropene	7.77	75	125680	47.627	ug/l	100
37) Ethyl Acetate	6.89	43	142182	49.622	ug/l	100
38) Carbon Tetrachloride	7.75	117	111246	50.647	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	133859	42.430	ug/l	100
40) Benzene	8.02	78	384499	49.115	ug/l	100
41) Methacrylonitrile	7.18	41	210631	176.241	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	134326	50.369	ug/l	100
43) Isopropyl Acetate	8.14	43	233022	50.003	ug/l	100
44) Trichloroethene	8.82	130	93362	47.462	ug/l	99
45) 1,2-Dichloropropane	9.10	63	105829	50.049	ug/l	99
46) Dibromomethane	9.19	93	62706	51.435	ug/l	99
47) Bromodichloromethane	9.38	83	129943	50.454	ug/l	100
48) Methyl methacrylate	9.18	41	108002	52.443	ug/l	99
49) 1,4-Dioxane	9.18	88	29946	1046.591	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	719825	267.952	ug/l	100
52) Toluene	10.14	92	227580	48.458	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	143723	48.042	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	155143	47.530	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	89422	50.314	ug/l	97
56) Ethyl methacrylate	10.42	69	147209	52.674	ug/l	99
57) 1,3-Dichloropropane	10.70	76	159195	50.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.82	63	840	0.661	ug/l #	51
59) 2-Hexanone	10.74	43	528620	272.854	ug/l	100
60) Dibromochloromethane	10.89	129	94096	51.540	ug/l	99
61) 1,2-Dibromoethane	10.99	107	92357	50.997	ug/l	99
64) Tetrachloroethene	10.62	164	86835	48.222	ug/l	97
65) Chlorobenzene	11.42	112	231112	47.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	85518	49.204	ug/l	99
67) Ethyl Benzene	11.50	91	438521	47.989	ug/l	100
68) m/p-Xylenes	11.61	106	320358	97.006	ug/l	100
69) o-Xylene	11.94	106	154497	48.657	ug/l	99
70) Styrene	11.96	104	246388	48.199	ug/l	100
71) Bromoform	12.12	173	67922	52.355	ug/l #	100
73) Isopropylbenzene	12.24	105	412847	45.995	ug/l	100
74) N-amyl acetate	12.06	43	194160	46.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	135951	49.617	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	180685	73.318	ug/l #	100
77) Bromobenzene	12.52	156	97648	46.594	ug/l	99
78) n-propylbenzene	12.59	91	487156	46.388	ug/l	100
79) 2-Chlorotoluene	12.67	91	285117	46.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	347304	46.811	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	45021	45.061	ug/l	98
82) 4-Chlorotoluene	12.77	91	294480	46.099	ug/l	100
83) tert-Butylbenzene	12.99	119	288541	46.244	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	346725	47.278	ug/l	100
85) sec-Butylbenzene	13.17	105	387720	45.861	ug/l	100
86) p-Isopropyltoluene	13.28	119	346557	46.034	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	171724	45.978	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	170285	45.320	ug/l	100
89) n-Butylbenzene	13.61	91	310144	44.302	ug/l	99
90) Hexachloroethane	13.87	117	52460	45.420	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	168514	47.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	28150	53.085	ug/l	98

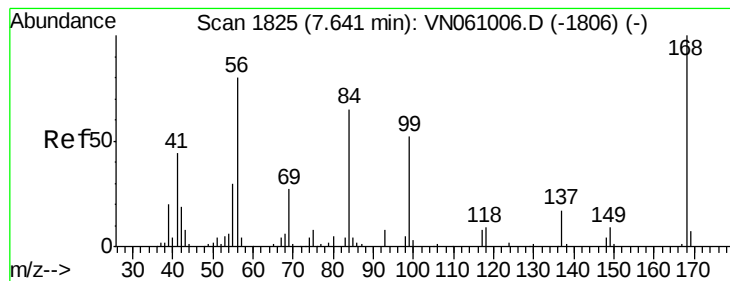
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	95363	45.198	ug/l	99
94) Hexachlorobutadiene	15.01	225	44332	40.844	ug/l	99
95) Naphthalene	15.13	128	297179	48.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	93116	45.796	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

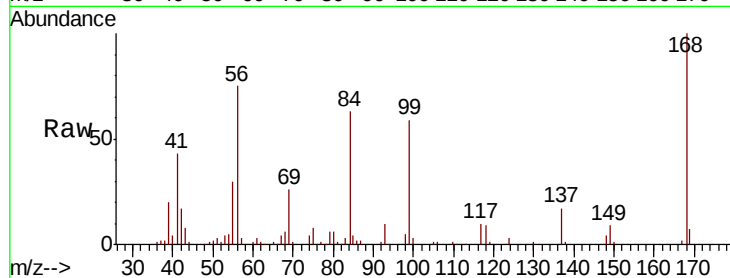
ClientSampled :

Tot Ion:168 Resp: 149175

Ion Ratio Lower Upper

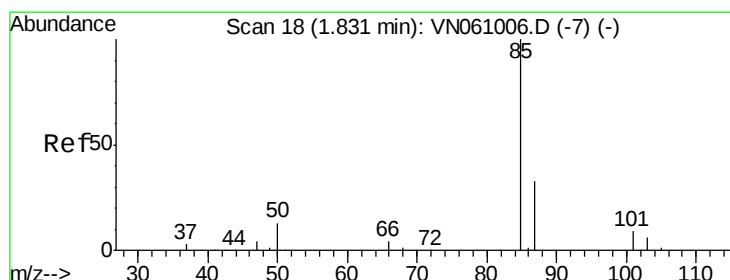
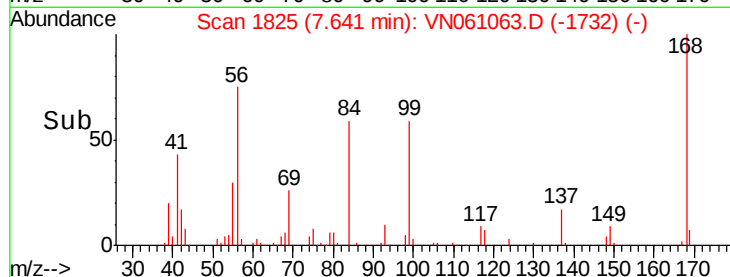
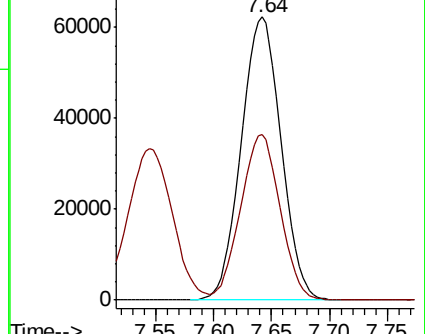
168 100

99 58.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.810 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061063.D

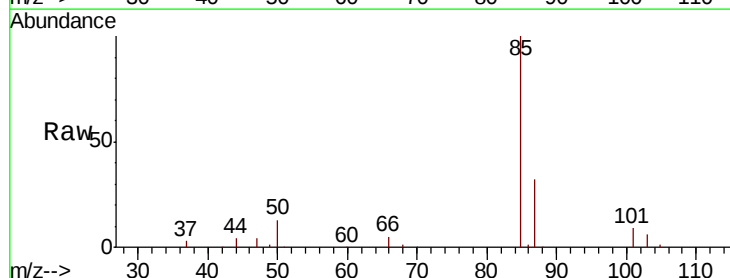
Acq: 17 Apr 2020 19:55

Tgt Ion: 85 Resp: 88277

Ion Ratio Lower Upper

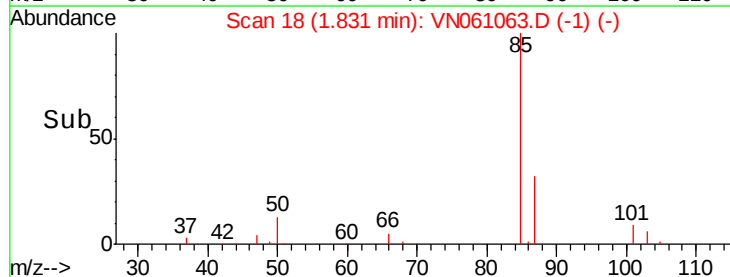
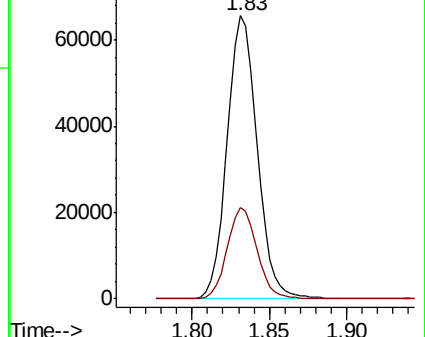
85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

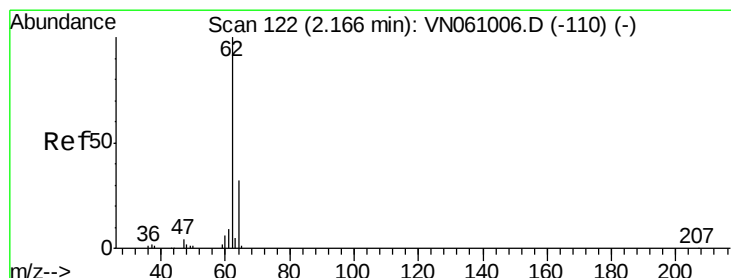
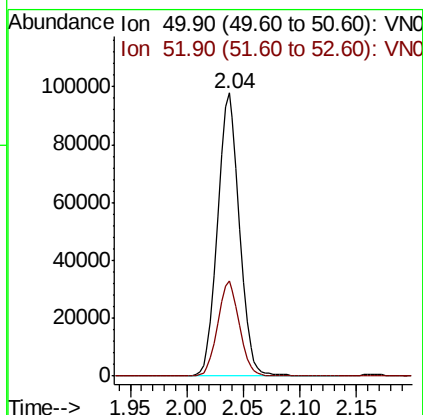
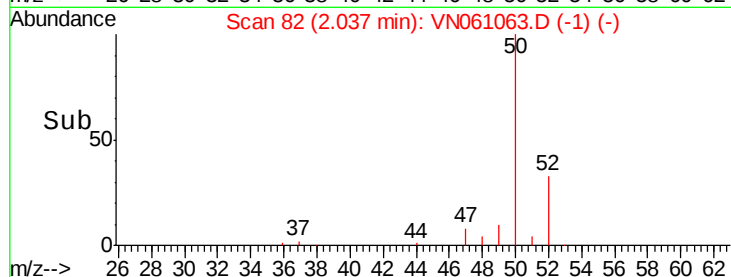
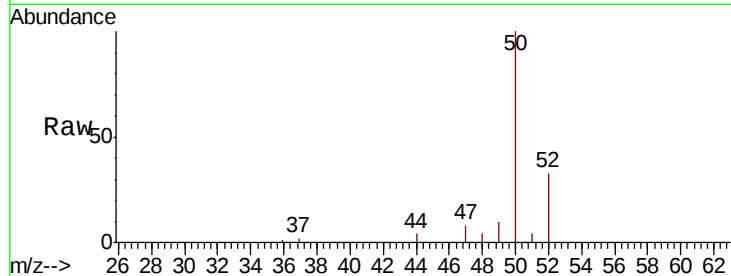




#3
Chloromethane
Concen: 49.645 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

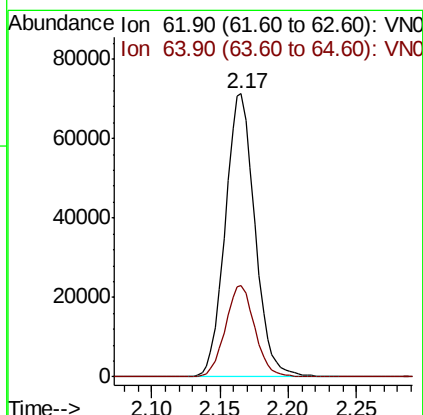
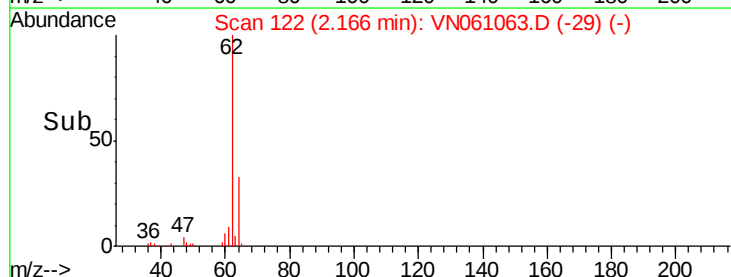
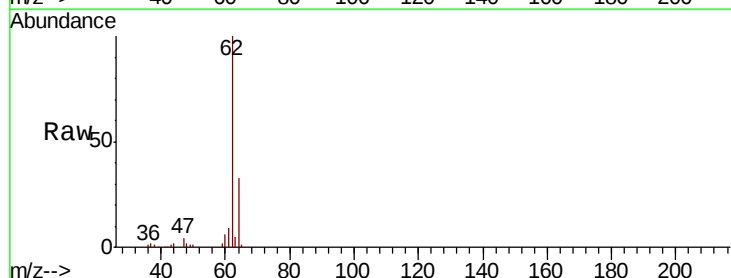
Instrument :
MSVOA_N
ClientSampled :

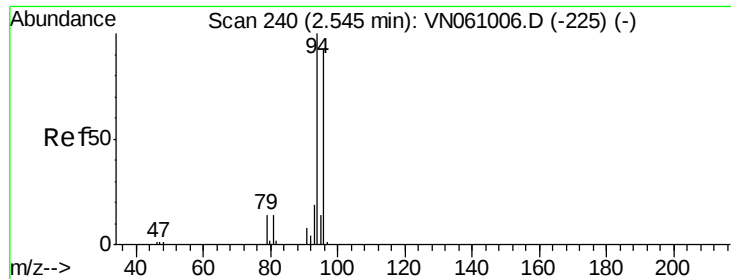
Tot Ion: 50 Resp: 131349
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 49.144 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 62 Resp: 108053
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5

Bromomethane

Concen: 47.019 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

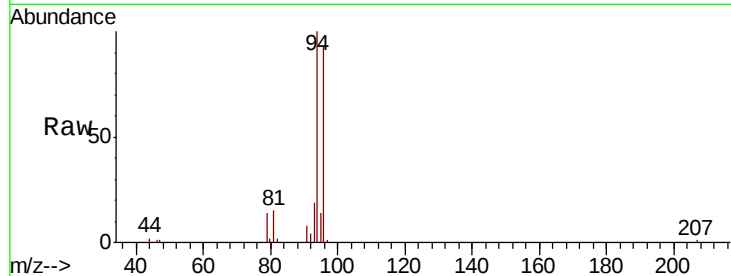
ClientSampled :

Tot Ion: 94 Resp: 51843

Ion Ratio Lower Upper

94 100

96 92.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN061063.D (-239) (-)

Ion 95.90 (95.60 to 96.60): VN061063.D (-239) (-)

2.54

25000

20000

15000

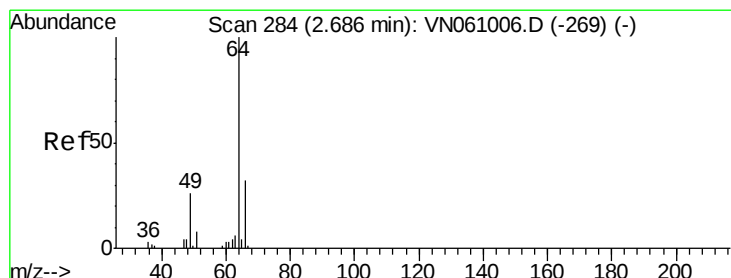
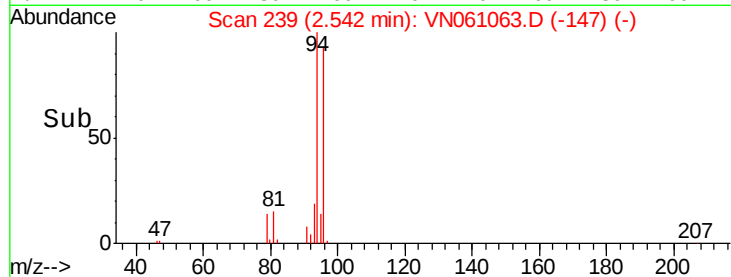
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 52.147 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061063.D

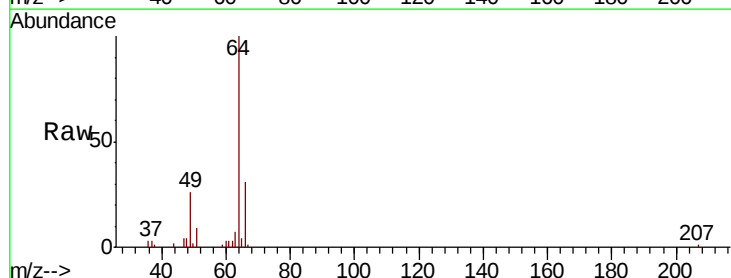
Acq: 17 Apr 2020 19:55

Tgt Ion: 64 Resp: 66139

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN061063.D (-283) (-)

Ion 65.90 (65.60 to 66.60): VN061063.D (-283) (-)

2.68

30000

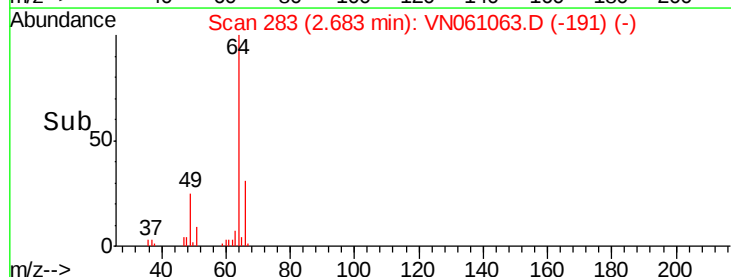
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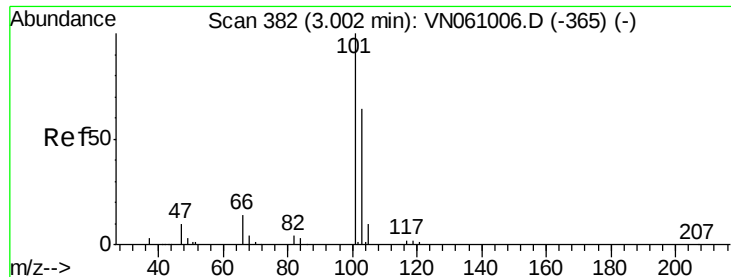
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0

Time-->

2.60 2.70 2.80



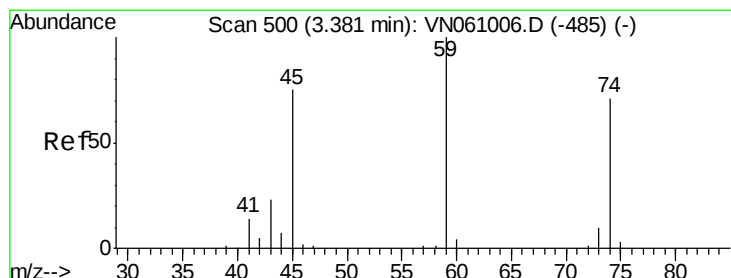
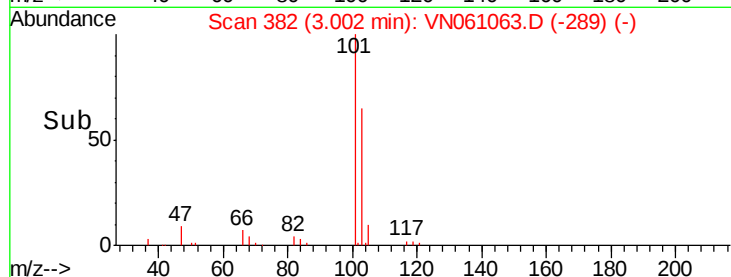
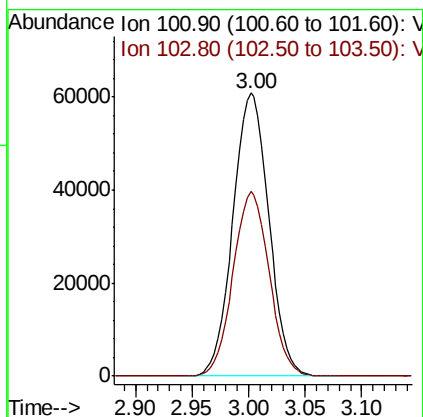
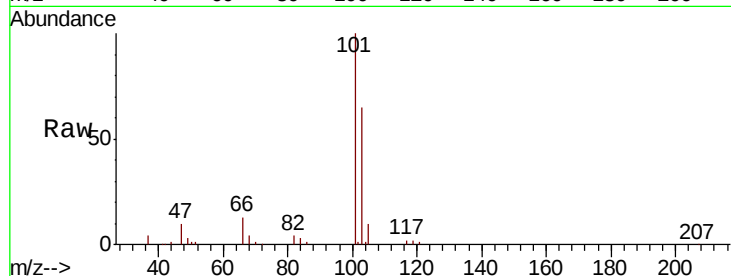


#7

Trichlorofluoromethane
Concen: 49.189 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

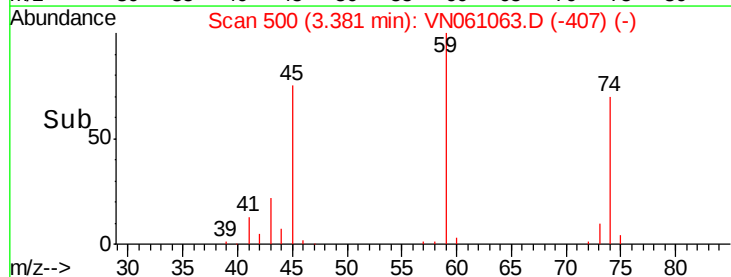
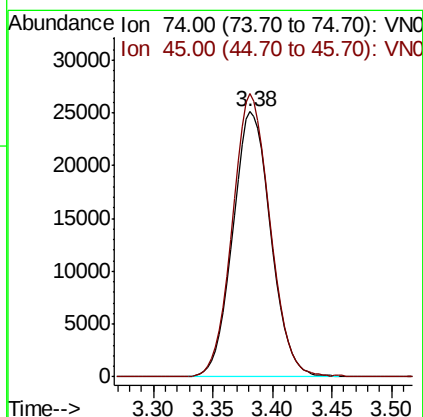
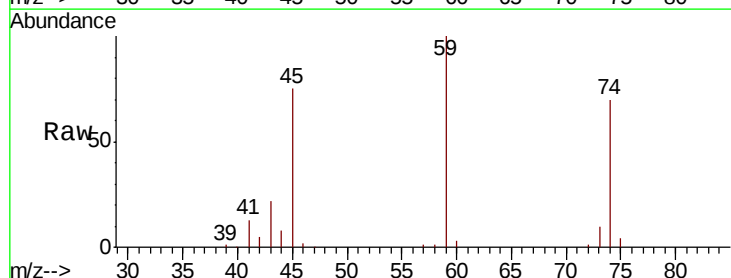
Tot Ion:101 Resp: 134644
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

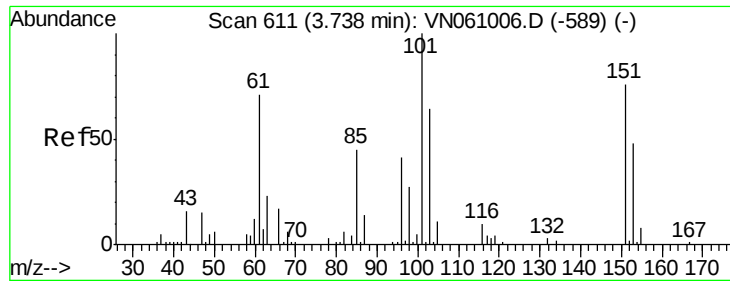


#8

Diethyl Ether
Concen: 51.139 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 74 Resp: 55636
Ion Ratio Lower Upper
74 100
45 105.4 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.236 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

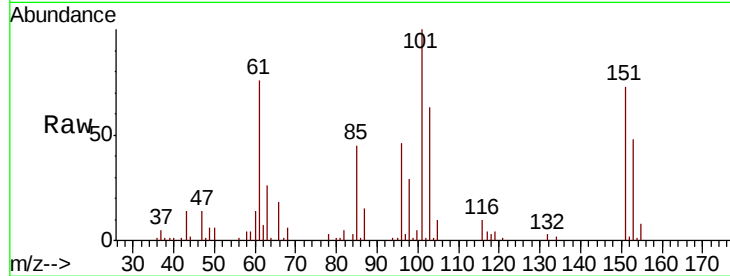
Tot Ion:101 Resp: 71042

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

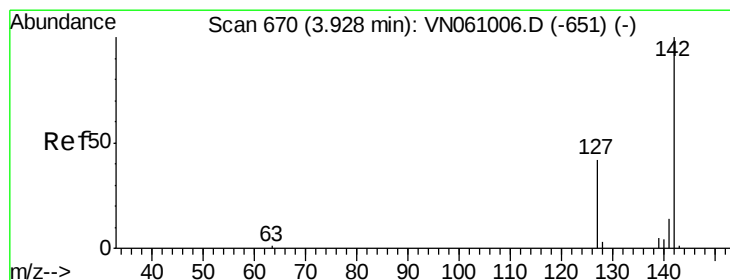
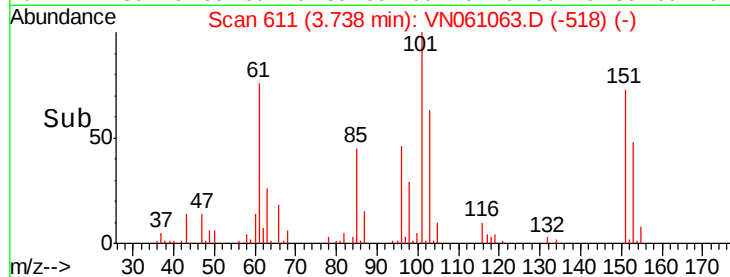
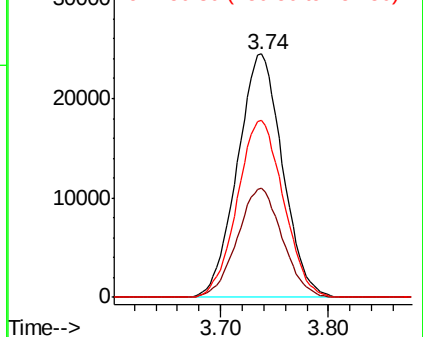
151 74.2 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.967 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

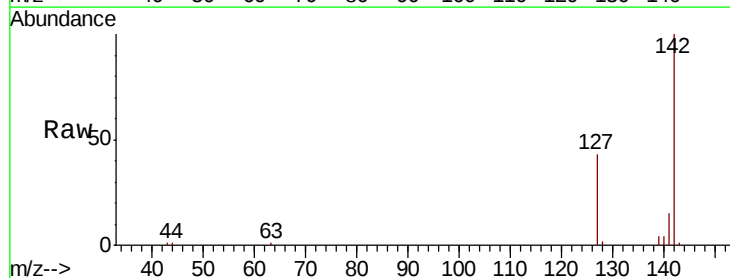
Tgt Ion:142 Resp: 76459

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.2

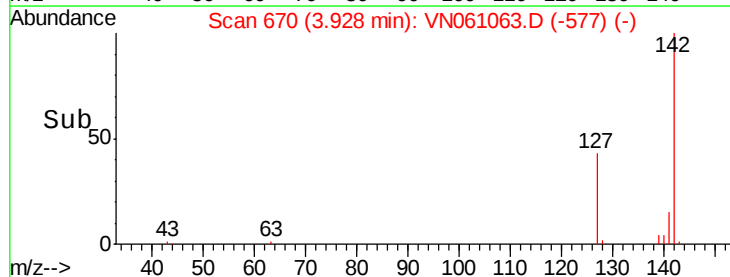
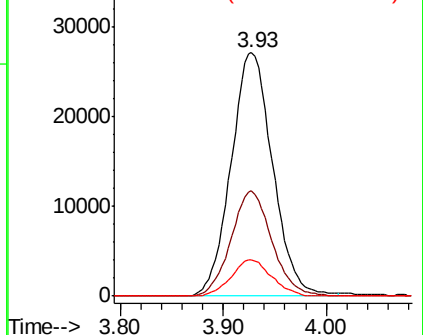
141 14.4 11.0 16.6

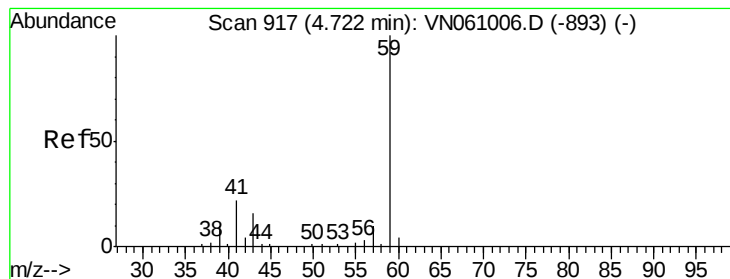


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



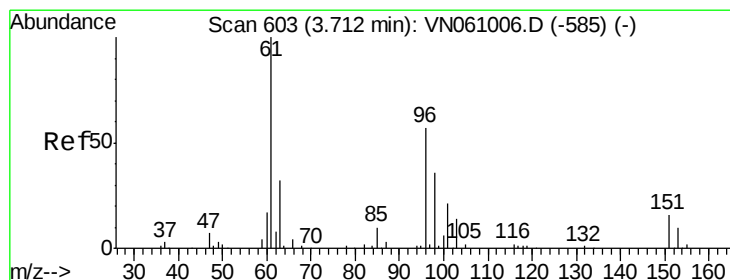
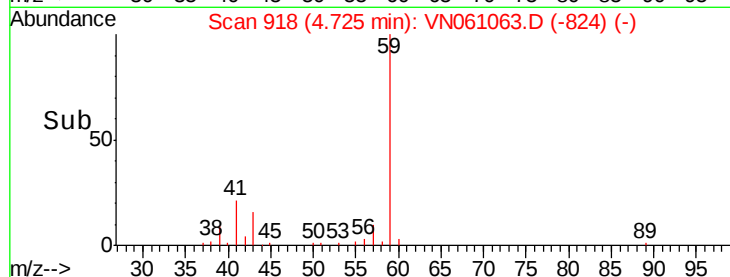
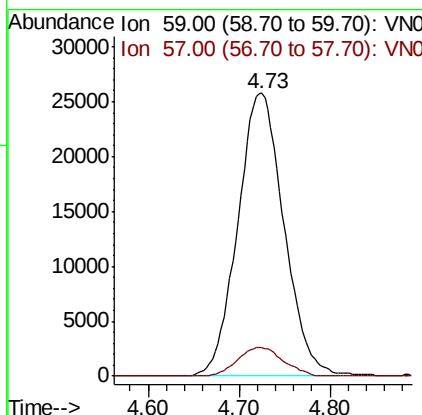
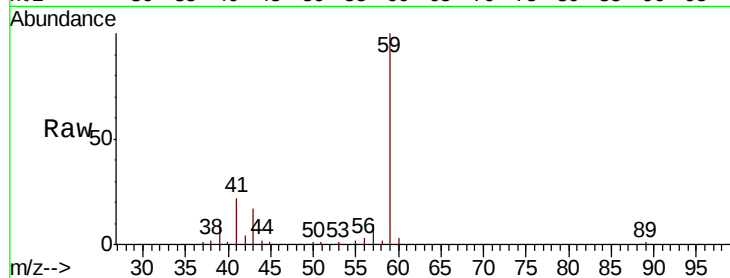


#11

Tert butyl alcohol
 Concen: 267.816 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampled :

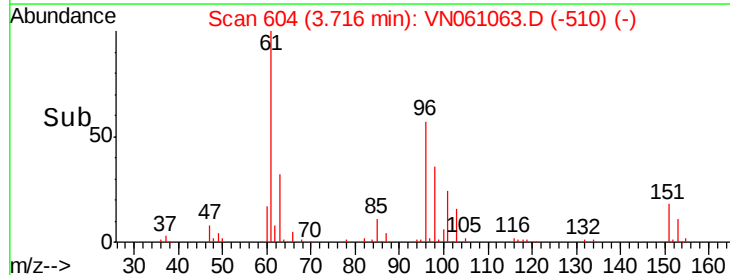
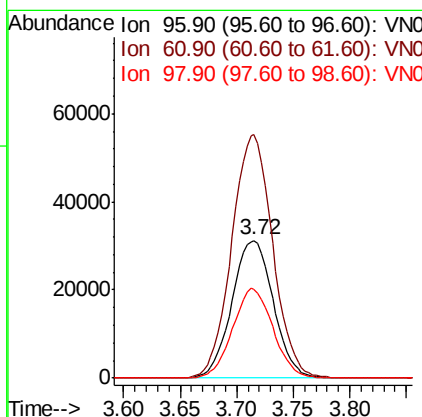
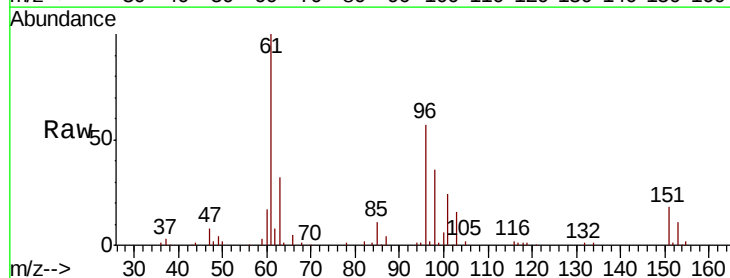
Tot Ion: 59 Resp: 90692
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

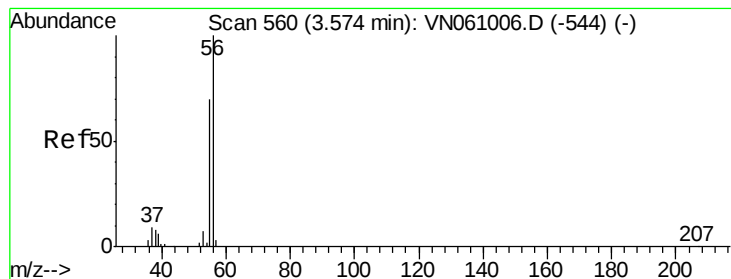


#12

1,1-Dichloroethene
 Concen: 48.787 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 96 Resp: 79642
 Ion Ratio Lower Upper
 96 100
 61 176.1 139.2 208.8
 98 64.4 50.0 75.0





#13

Acrolein

Concen: 241.053 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

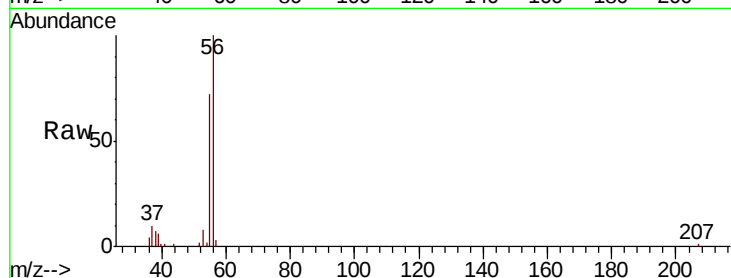
ClientSampleId :

Tot Ion: 56 Resp: 68923

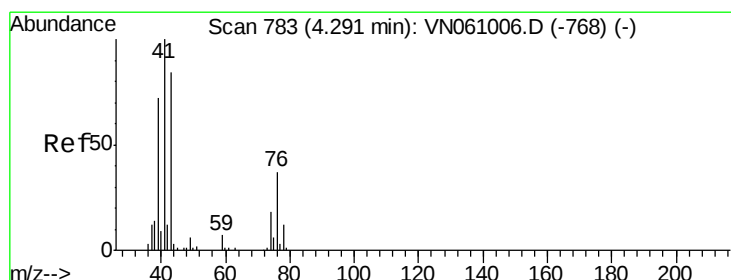
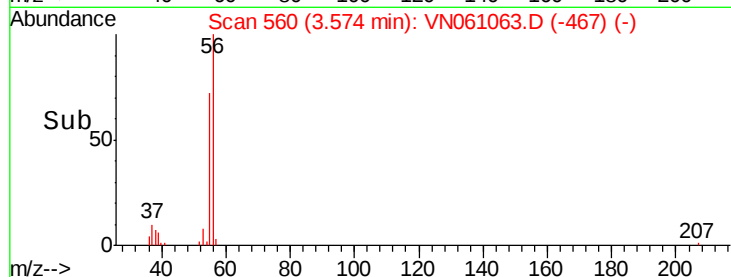
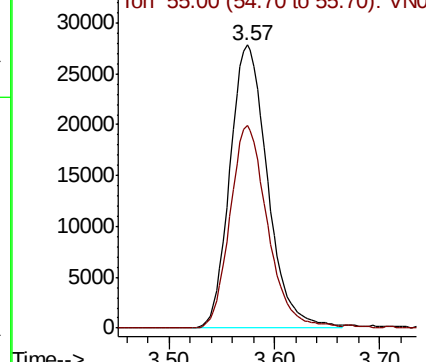
Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN061063.D (-544) (-)



#14

Allyl chloride

Concen: 46.469 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

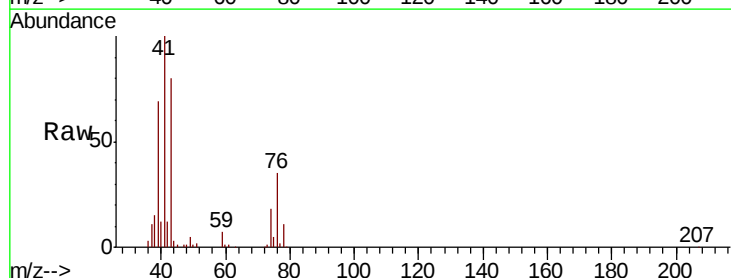
Tgt Ion: 41 Resp: 143531

Ion Ratio Lower Upper

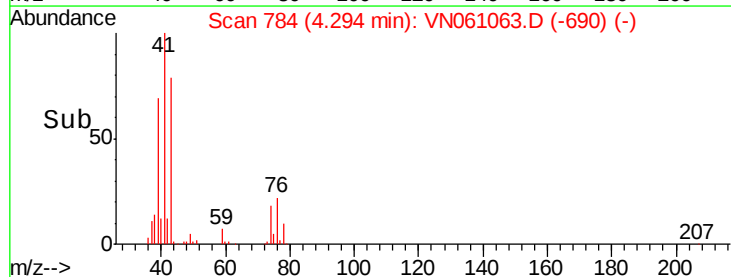
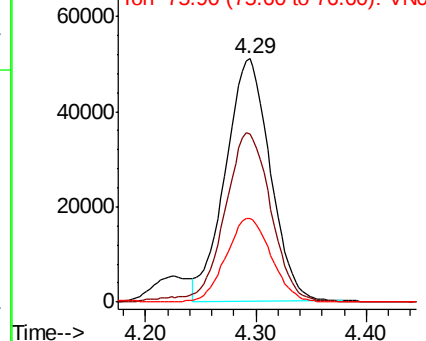
41 100

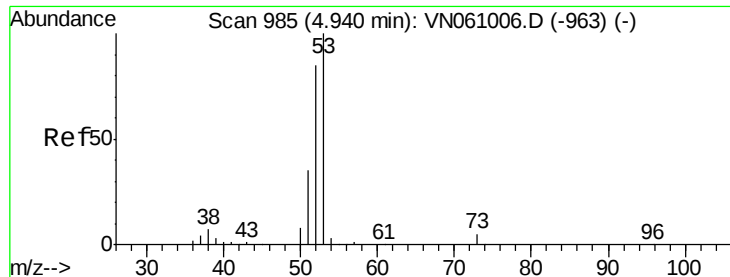
39 72.8 56.3 84.5

76 34.8 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN061063.D (-690) (-)





#15

Acrylonitrile

Concen: 275.044 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampled :

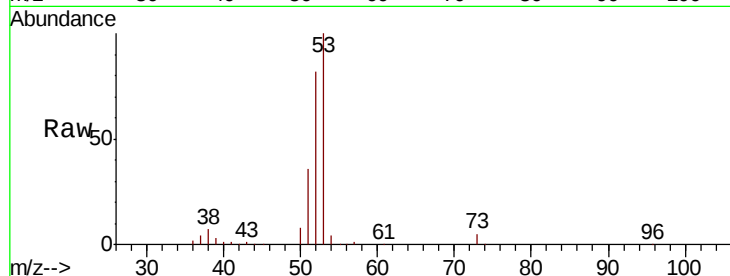
Tot Ion: 53 Resp: 252537

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

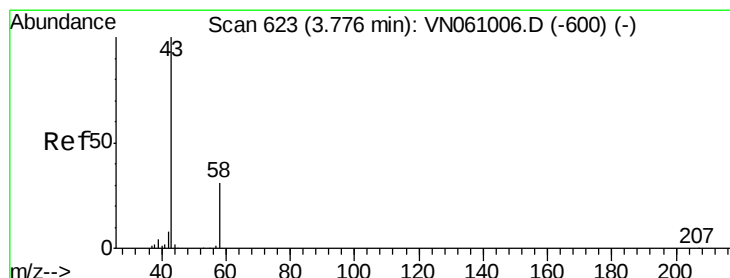
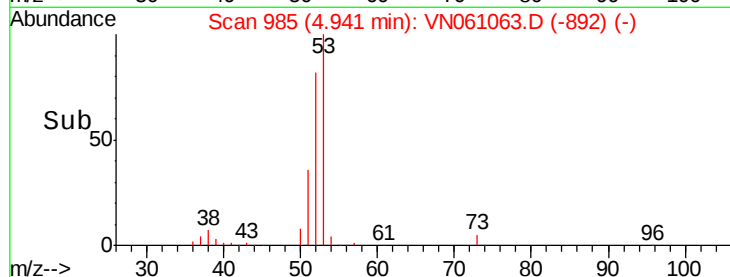
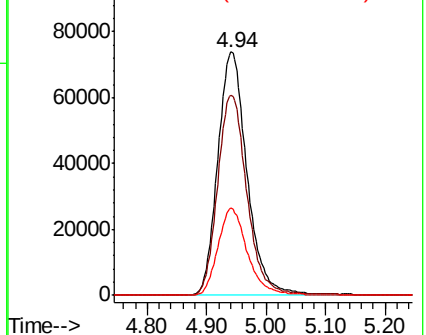
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061063.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061063.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061063.D (-963) (-)



#16

Acetone

Concen: 249.291 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061063.D

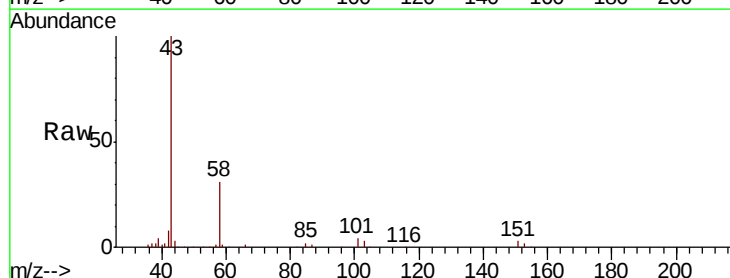
Acq: 17 Apr 2020 19:55

Tgt Ion: 43 Resp: 209422

Ion Ratio Lower Upper

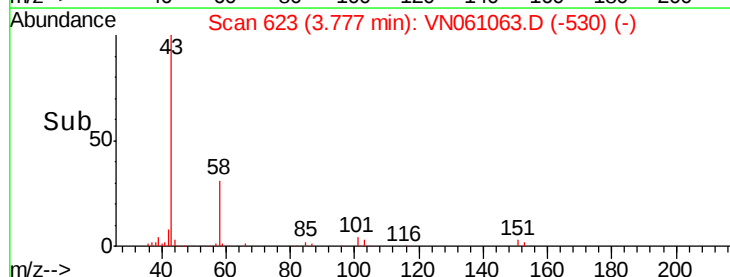
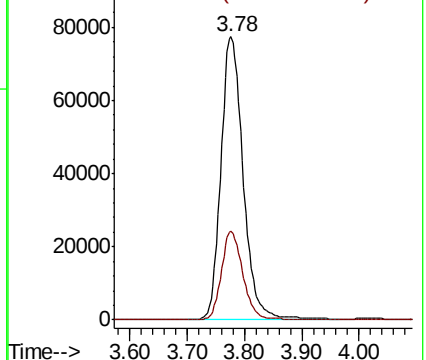
43 100

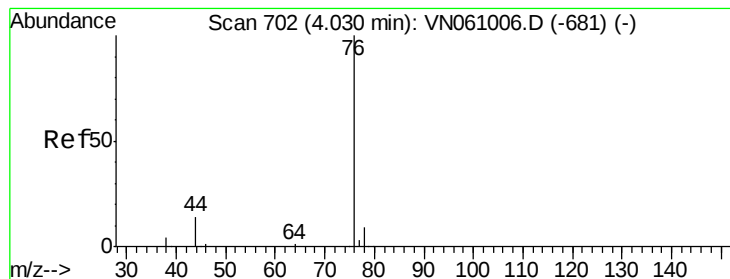
58 31.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061063.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061063.D (-530) (-)





#17

Carbon Disulfide

Concen: 44.428 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

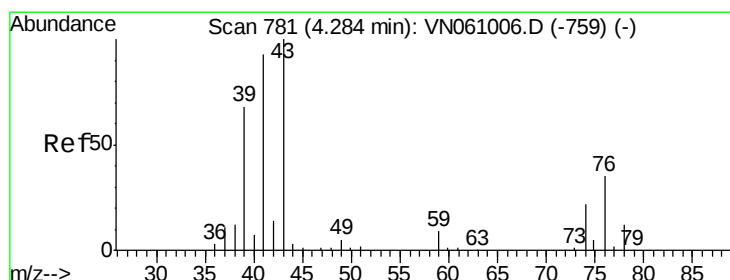
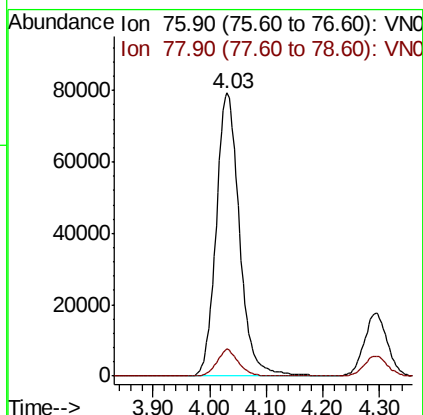
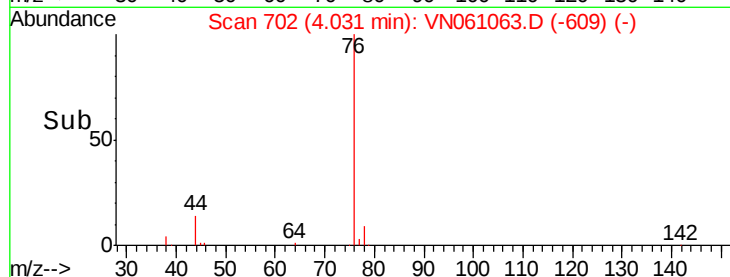
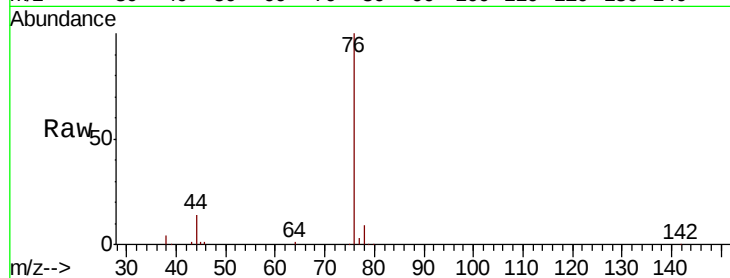
ClientSampleId :

Tot Ion: 76 Resp: 226945

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4



#18

Methyl Acetate

Concen: 51.241 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN061063.D

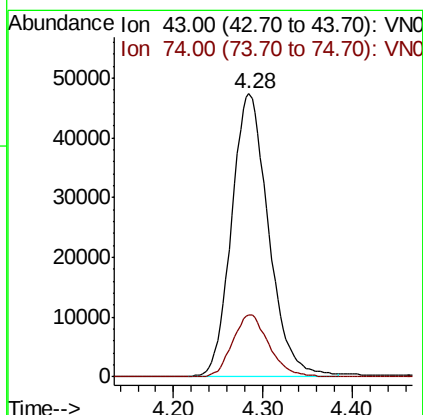
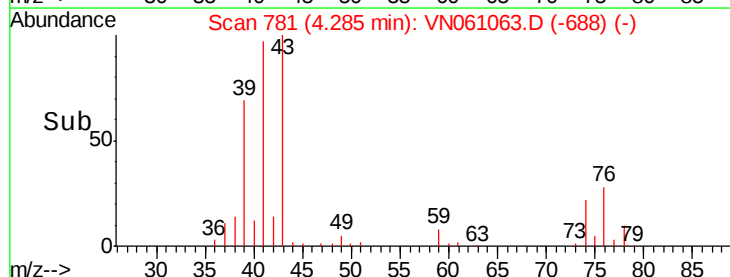
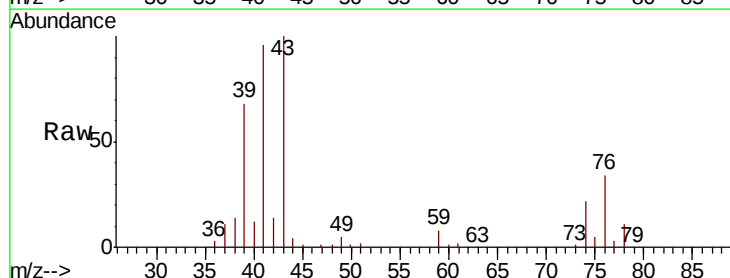
Acq: 17 Apr 2020 19:55

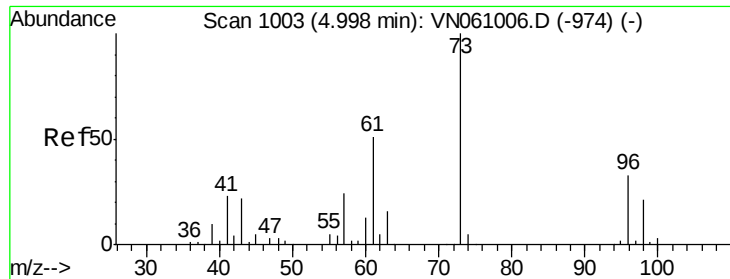
Tgt Ion: 43 Resp: 134982

Ion Ratio Lower Upper

43 100

74 21.8 17.4 26.0

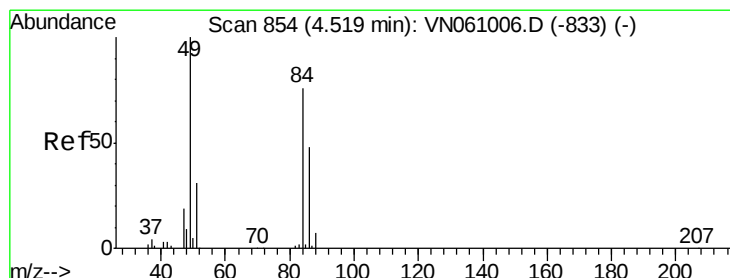
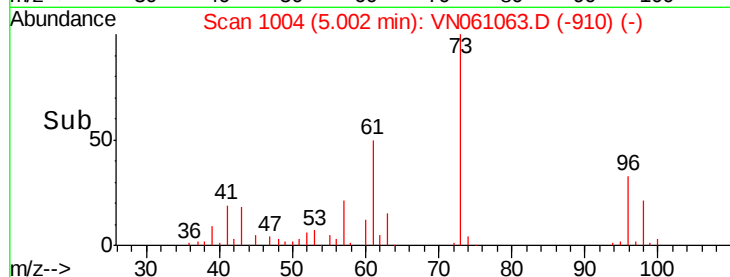
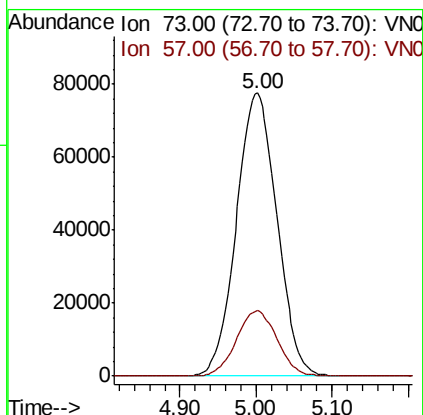
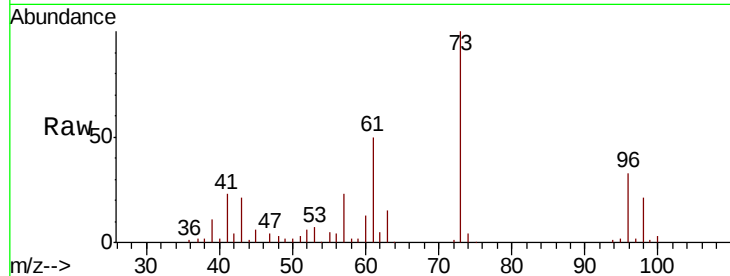




#19
Methvl tert-butvl Ether
Concen: 50.545 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

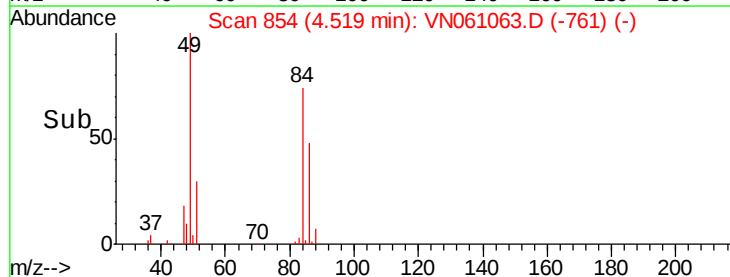
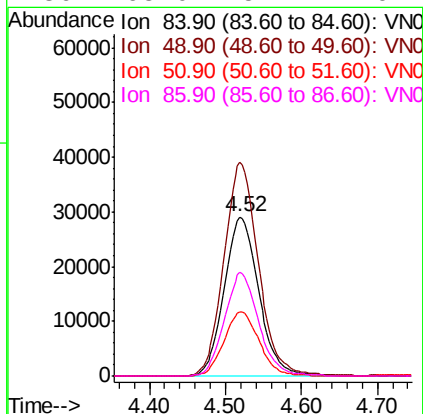
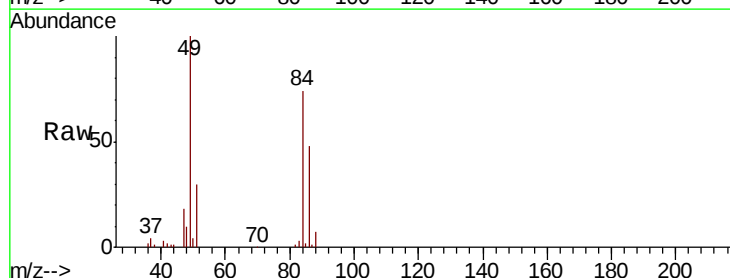
Instrument :
MSVOA_N
ClientSampled :

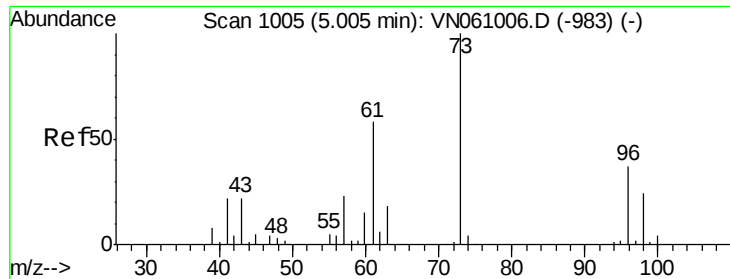
Tot Ion: 73 Resp: 287708
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4



#20
Methylene Chloride
Concen: 50.272 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 84 Resp: 92207
Ion Ratio Lower Upper
84 100
49 134.4 105.8 158.6
51 40.2 32.4 48.6
86 65.0 51.1 76.7

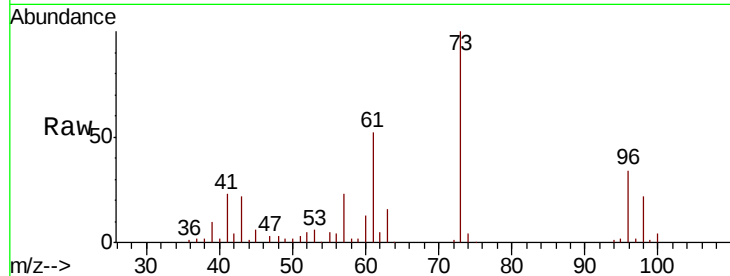




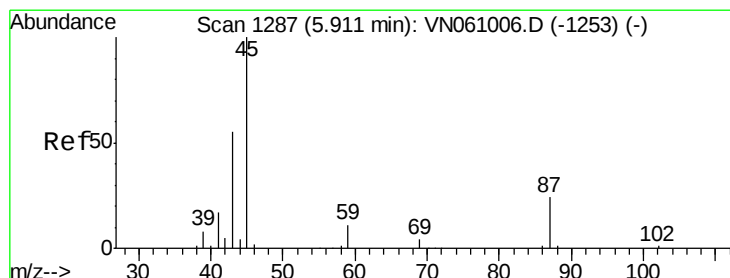
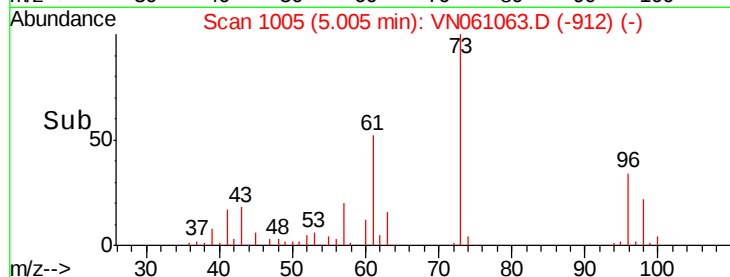
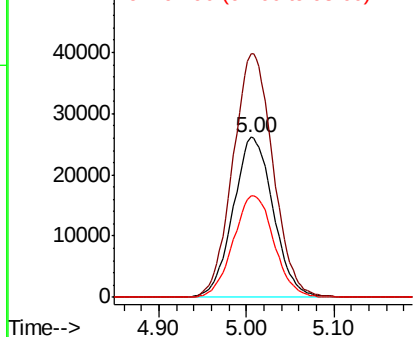
#21
trans-1,2-Dichloroethene
Concen: 47.619 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 83143
Ion Ratio Lower Upper
96 100
61 151.8 124.8 187.2
98 63.1 51.3 76.9

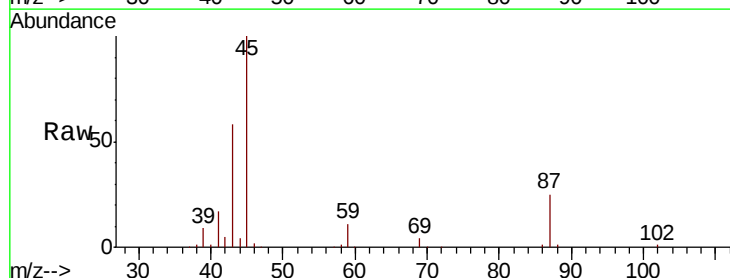


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

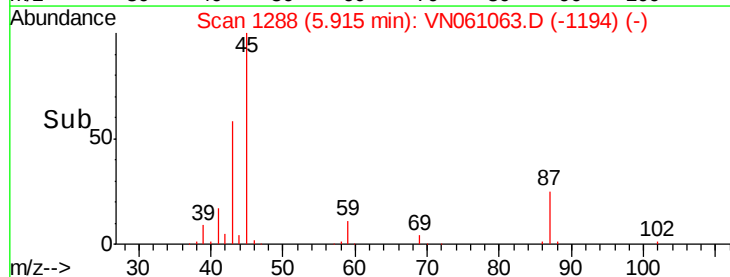
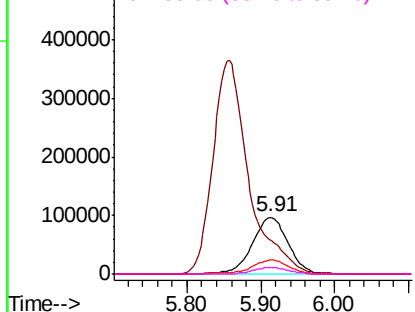


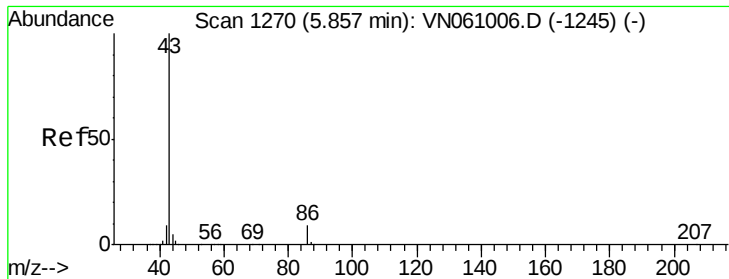
#22
Diisopropyl ether
Concen: 50.961 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 45 Resp: 326911
Ion Ratio Lower Upper
45 100
43 57.1 48.6 72.8
87 24.6 19.4 29.2
59 11.3 8.6 12.8



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: 245.447 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

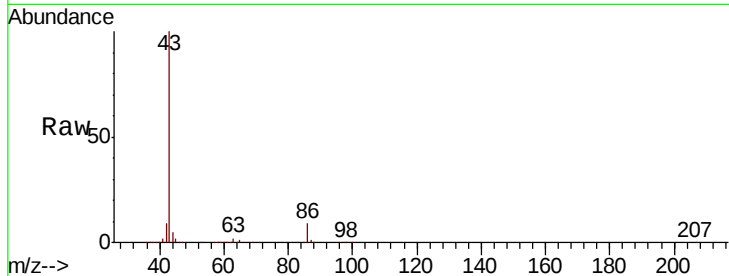
ClientSampled :

Tot Ion: 43 Resp: 1234701

Ion Ratio Lower Upper

43 100

86 9.2 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.86

400000

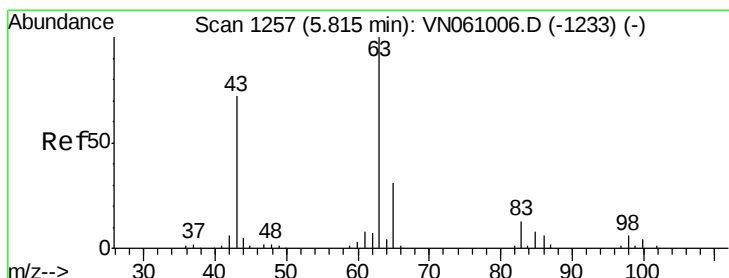
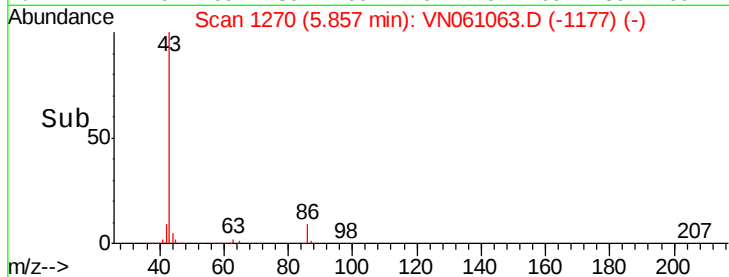
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 50.390 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

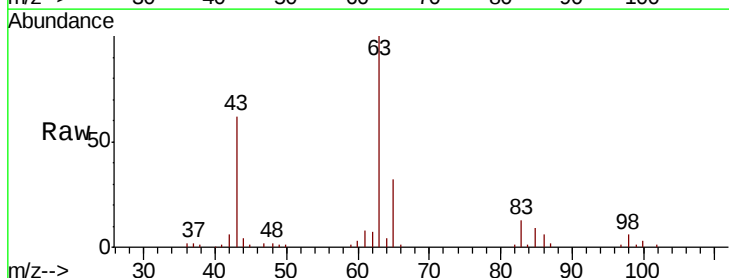
Tgt Ion: 63 Resp: 174586

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.82

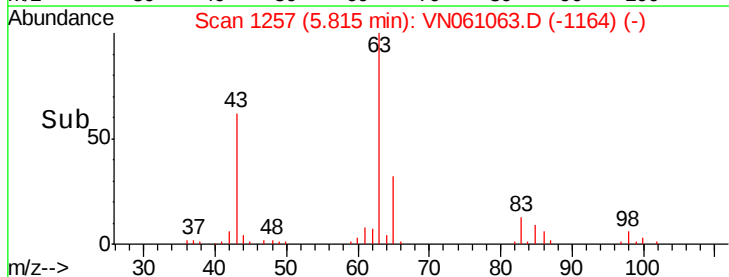
60000

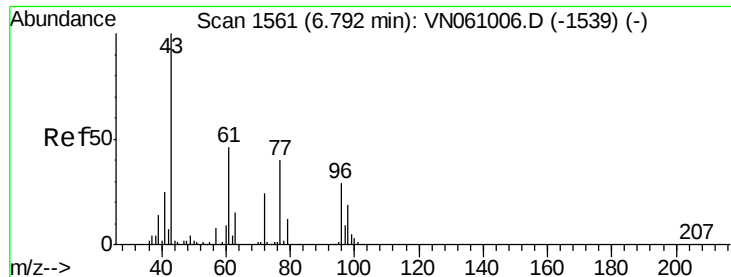
40000

20000

0

Time--> 5.70 5.80 5.90

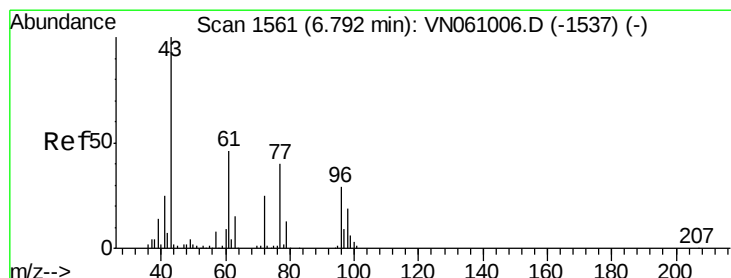
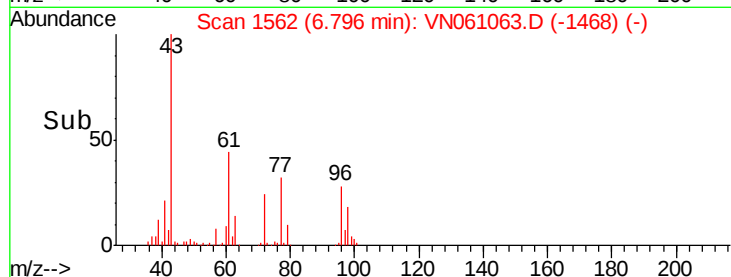
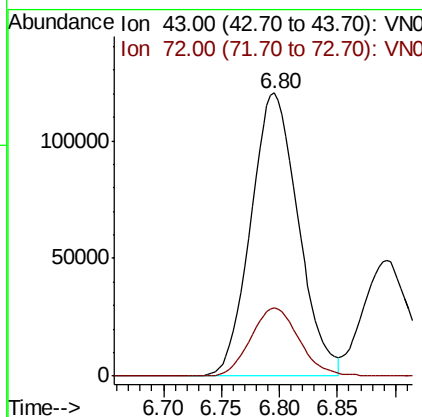
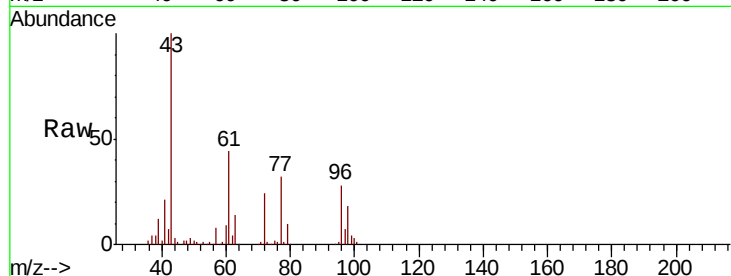




#25
2-Butanone
Concen: 266.693 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

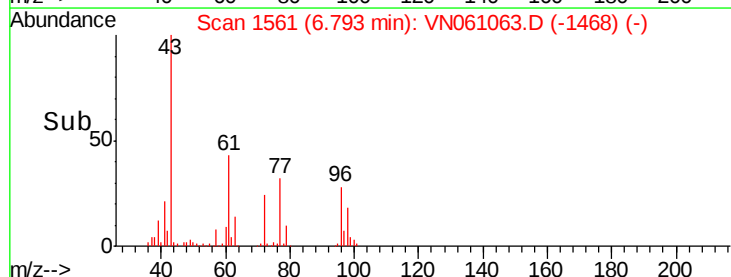
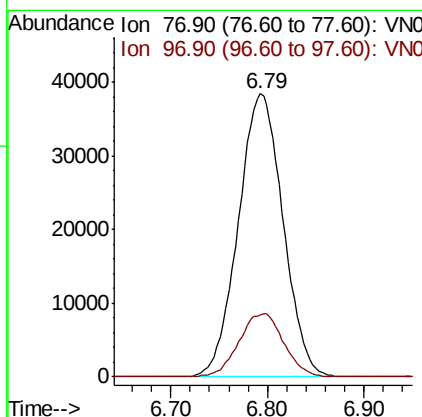
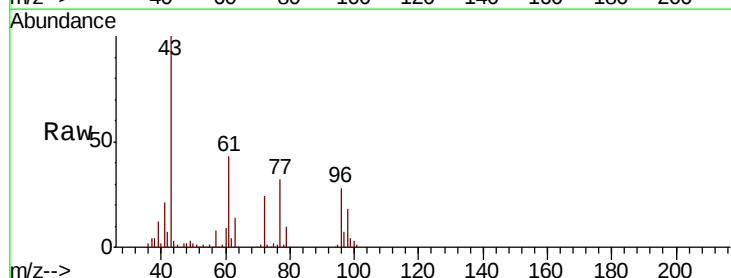
Instrument :
MSVOA_N
ClientSampled :

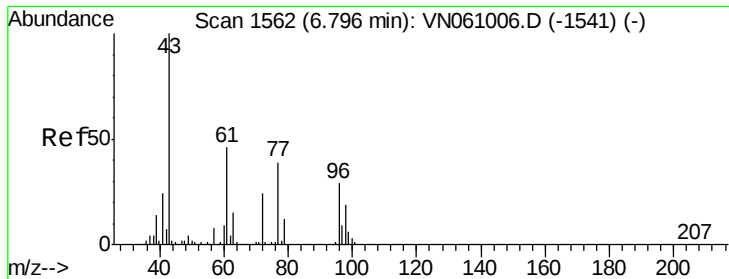
Tot Ion: 43 Resp: 343313
Ion Ratio Lower Upper
43 100
72 24.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 42.761 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 77 Resp: 123356
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6

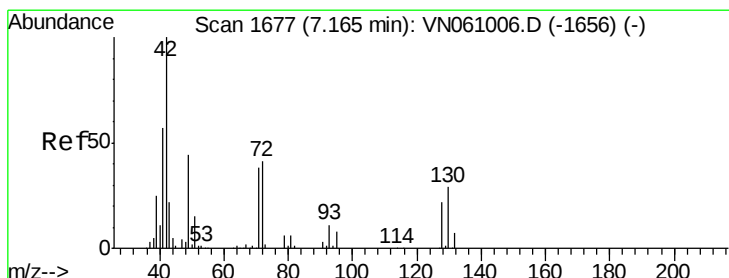
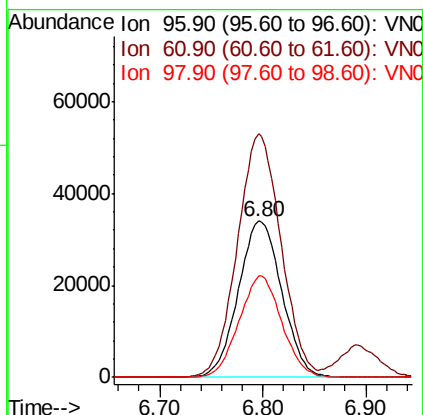
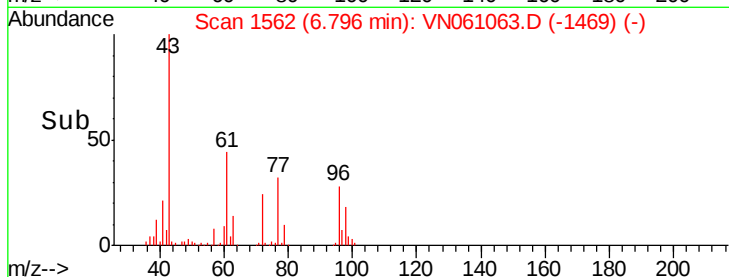
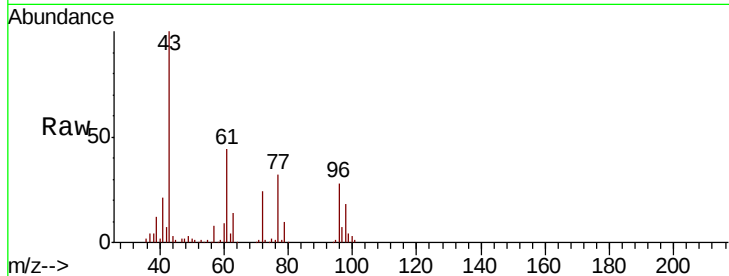




#27
 cis-1,2-Dichloroethene
 Concen: 49.705 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

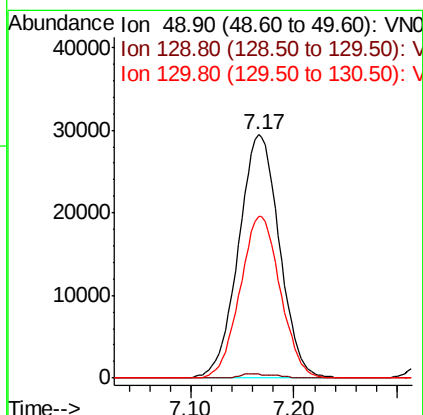
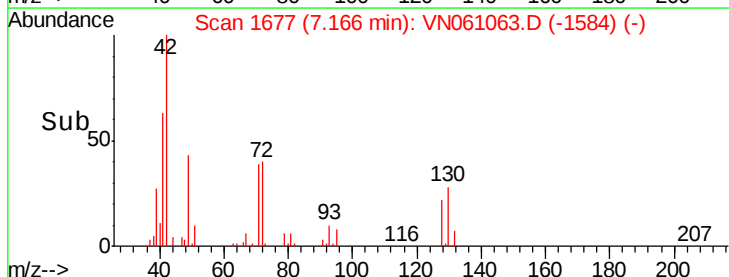
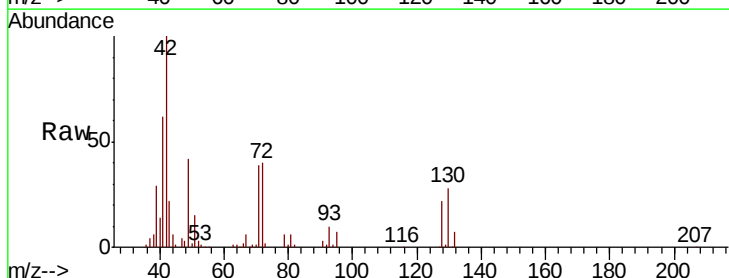
Instrument :
 MSVOA_N
 ClientSampleId :

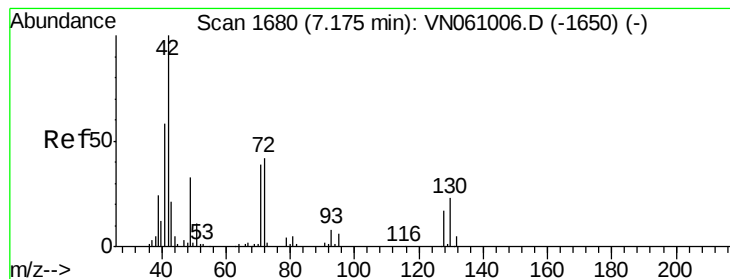
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	317.4
98	63.7	0.0	127.8



#28
 Bromochloromethane
 Concen: 50.845 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	65.7	52.9	79.3





#29

Tetrahydrofuran

Concen: 272.390 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampled :

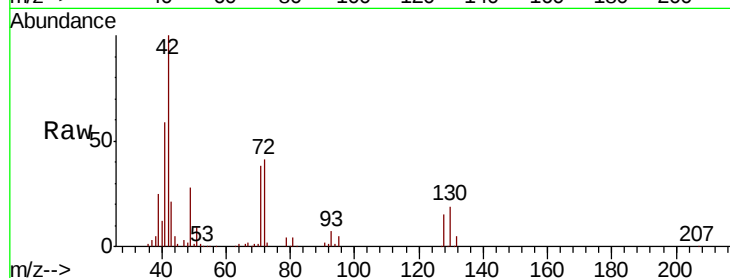
Tot Ion: 42 Resp: 238050

Ion Ratio Lower Upper

42 100

72 40.0 32.1 48.1

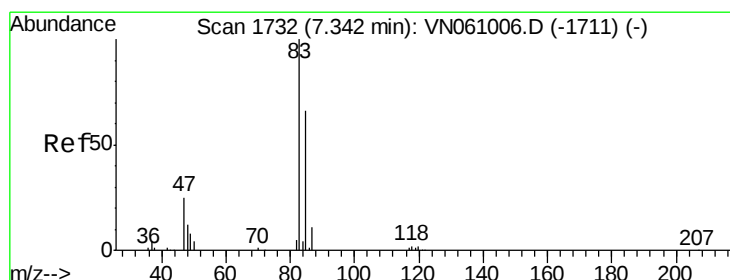
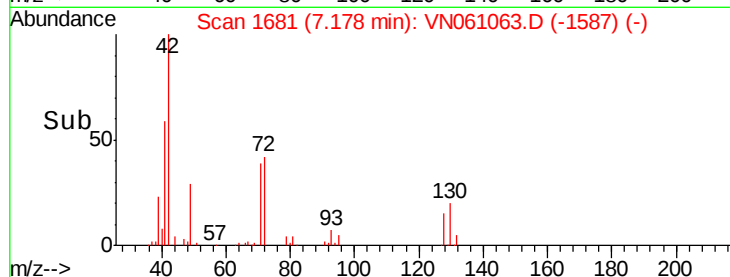
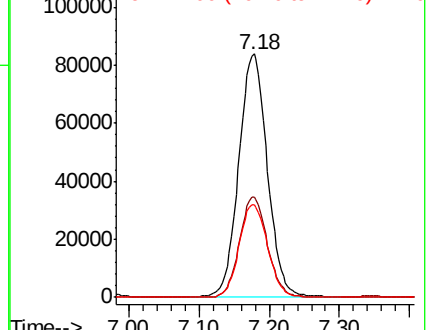
71 37.9 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.811 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061063.D

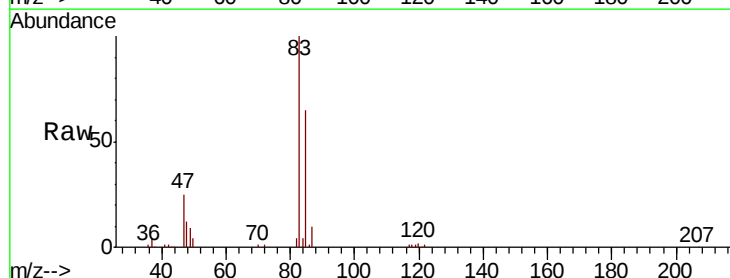
Acq: 17 Apr 2020 19:55

Tgt Ion: 83 Resp: 164202

Ion Ratio Lower Upper

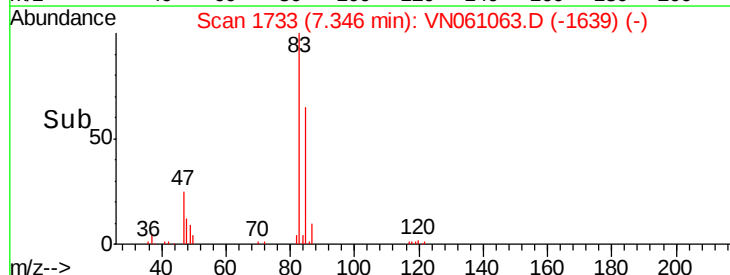
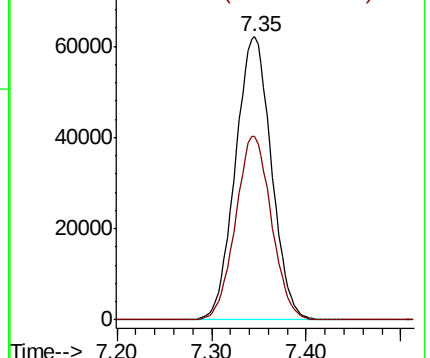
83 100

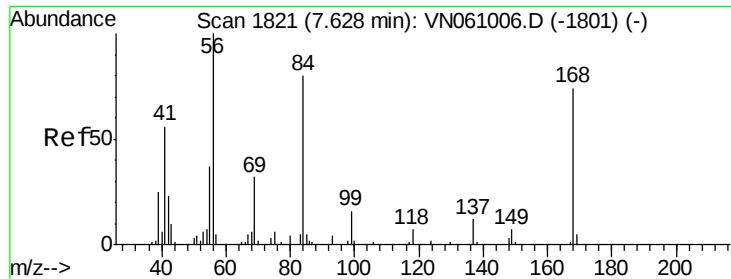
85 64.7 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

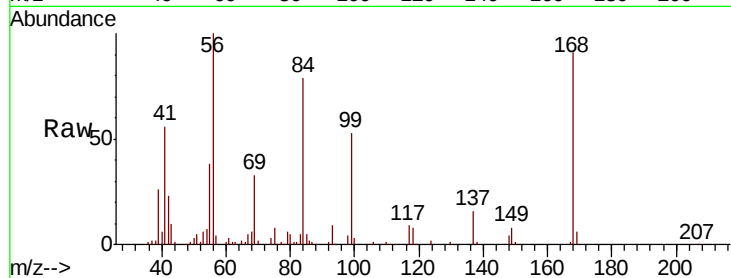




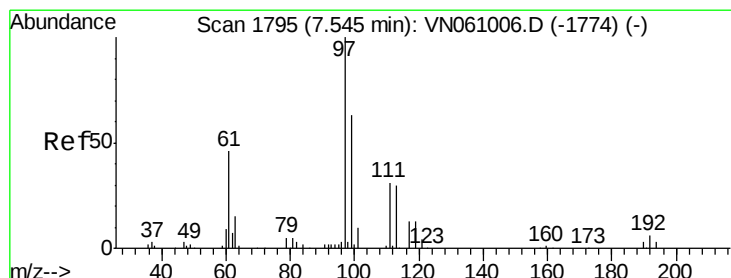
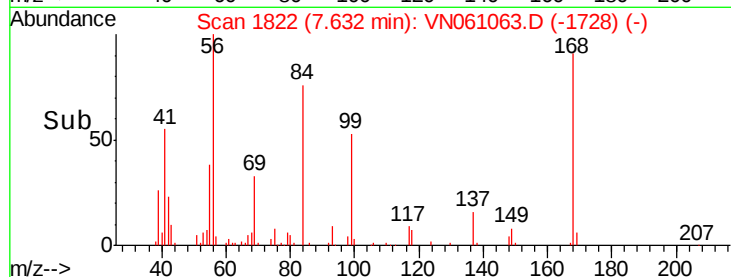
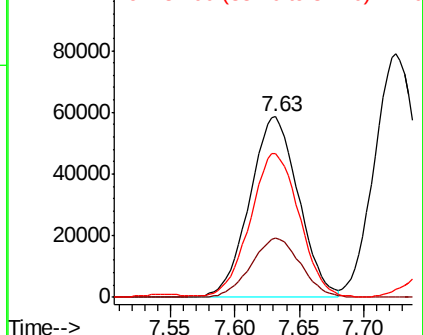
#31
Cyclohexane
Concen: 43.407 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 154326
Ion Ratio Lower Upper
56 100
69 32.7 25.6 38.4
84 78.6 63.4 95.2

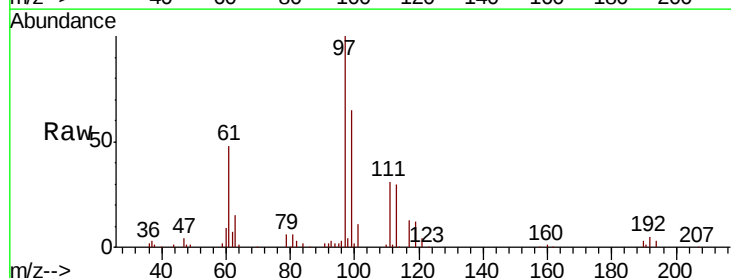


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

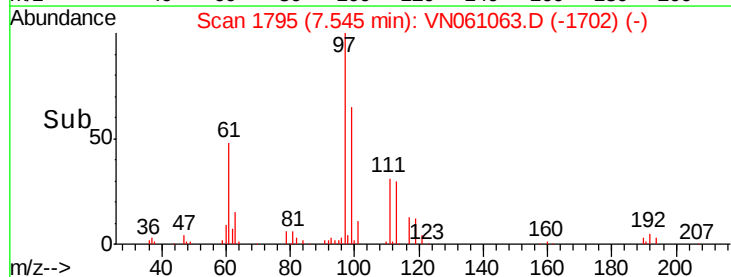
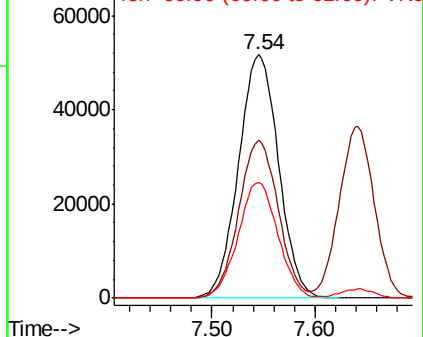


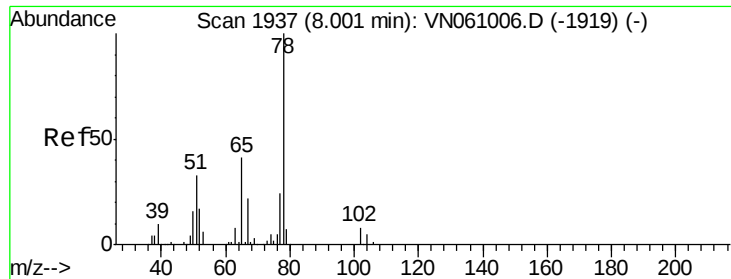
#32
1,1,1-Trichloroethane
Concen: 49.954 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 97 Resp: 139633
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 47.3 37.0 55.6



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

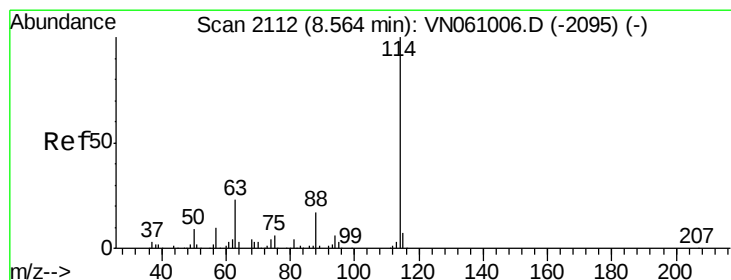
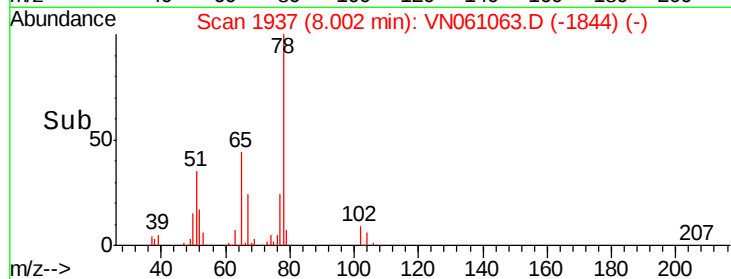
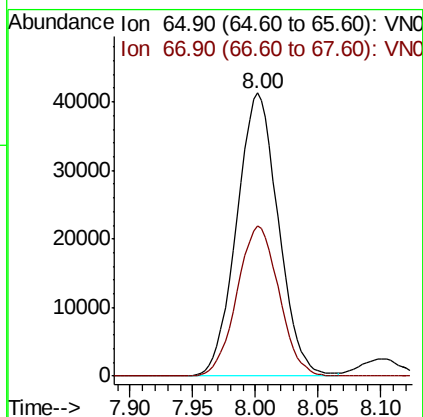
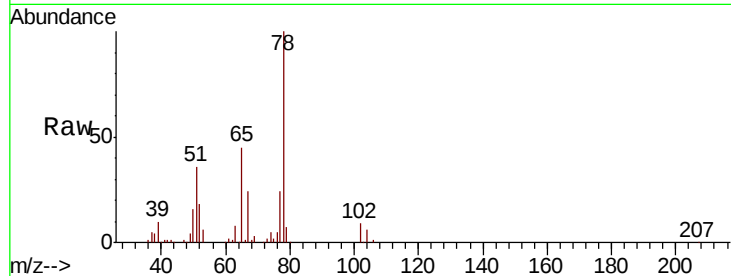




#33
 1,2-Dichloroethane-d4
 Concen: 50.019 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

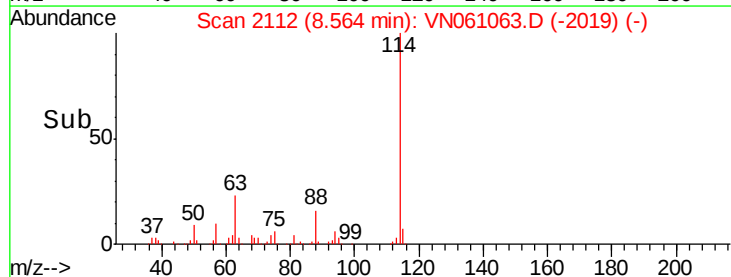
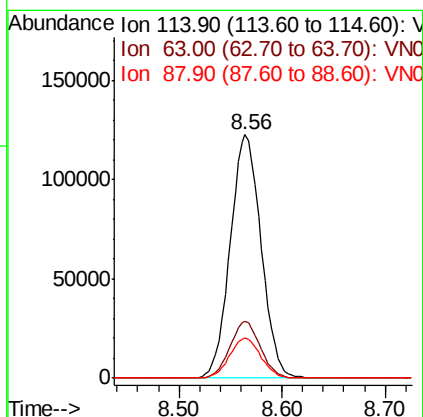
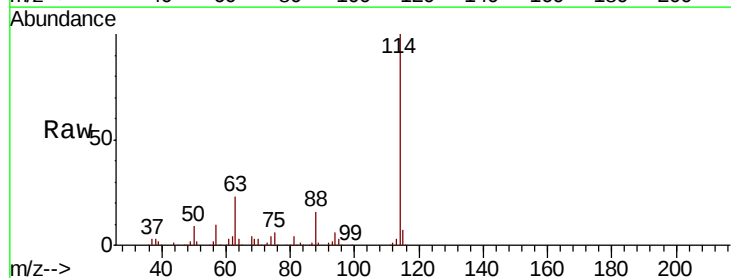
Instrument :
 MSVOA_N
 ClientSampleId :

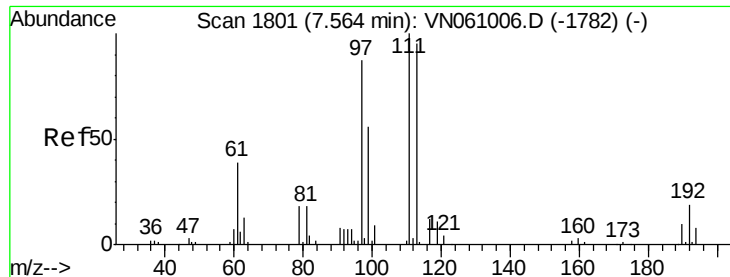
Tot Ion: 65 Resp: 95465
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 114 Resp: 255722
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.2
 88 16.4 0.0 33.4

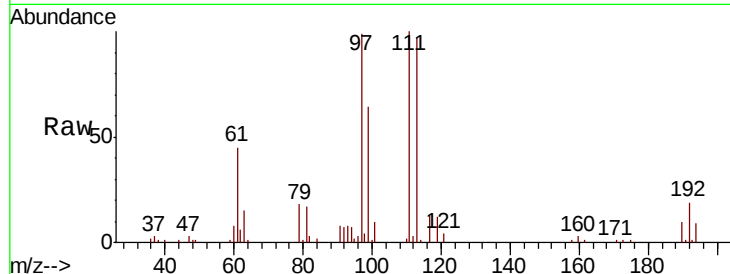




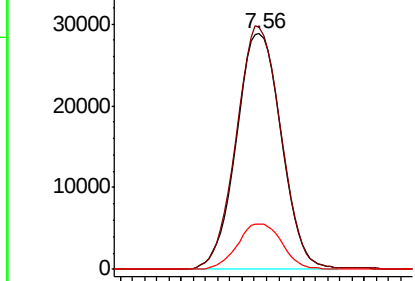
#35
 Dibromofluoromethane
 Concen: 49.428 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

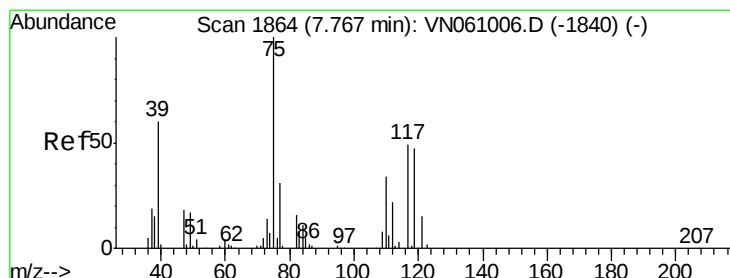
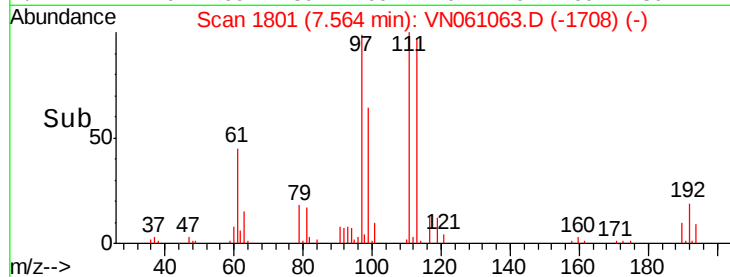
Tot Ion:113 Resp: 73815
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 19.0 15.5 23.3



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

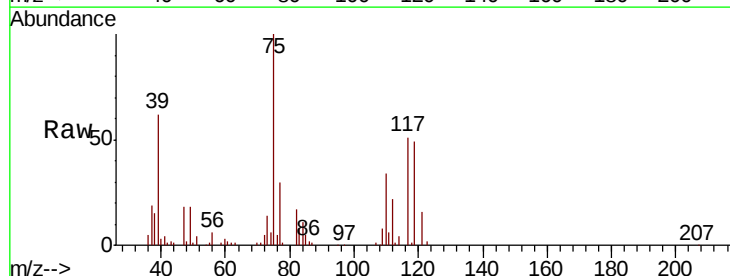


Time--> 7.45 7.50 7.55 7.60 7.65

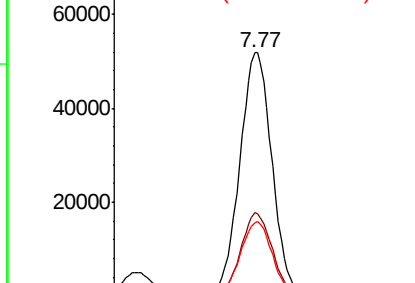


#36
 1,1-Dichloropropene
 Concen: 47.627 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

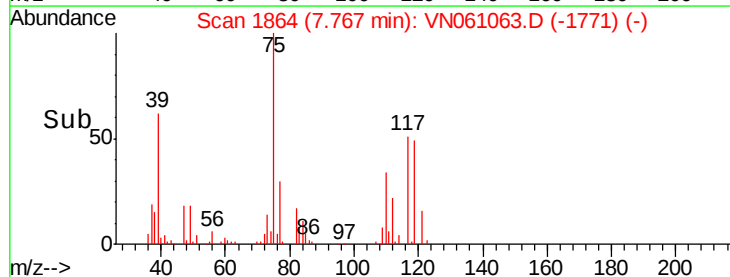
Tgt Ion: 75 Resp: 125680
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.3
 77 30.6 24.7 37.1

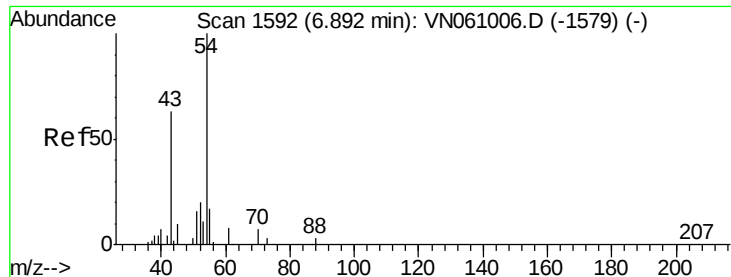


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



Time--> 7.70 7.80 7.90

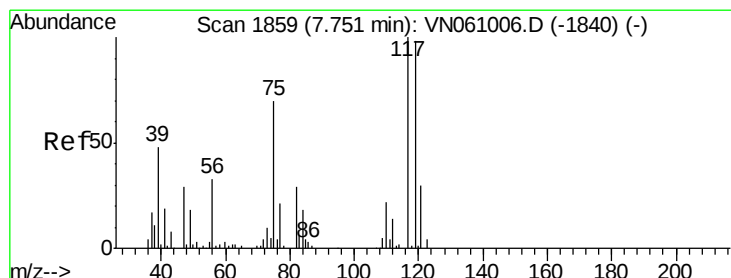
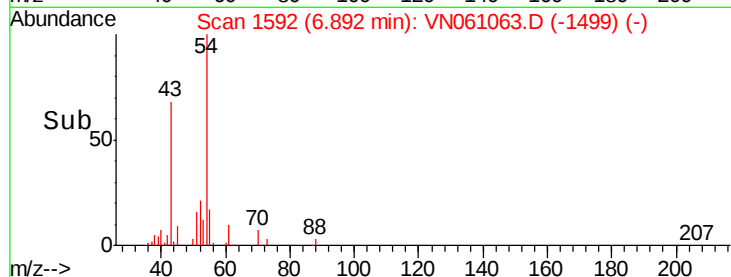
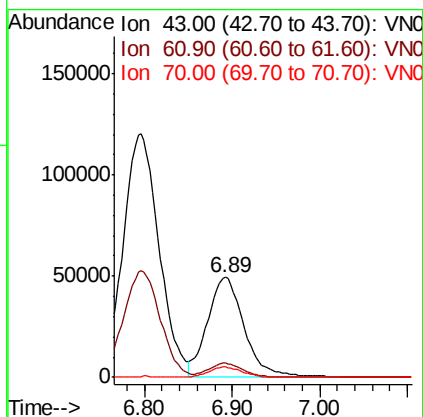
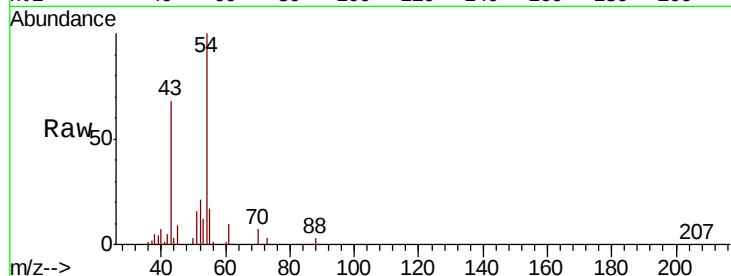




#37
Ethyl Acetate
Concen: 49.622 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

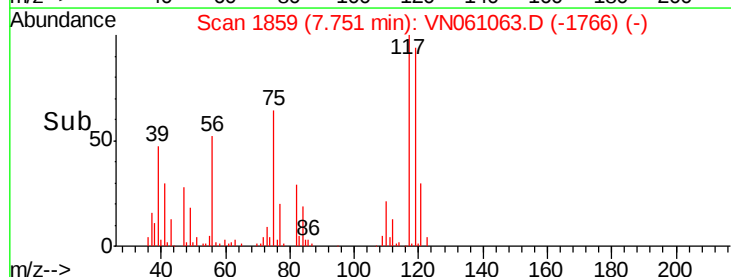
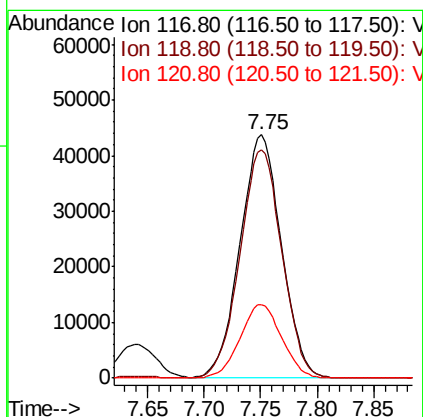
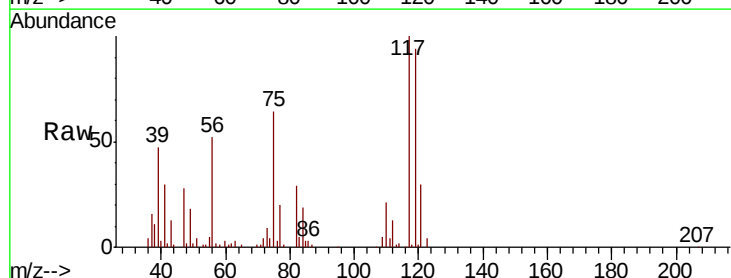
Instrument :
MSVOA_N
ClientSampleId :

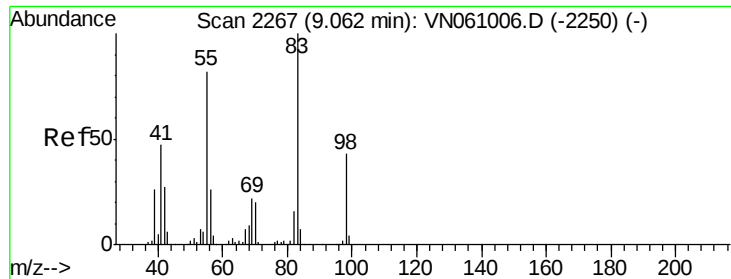
Tot Ion: 43 Resp: 142182
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.647 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 117 Resp: 111246
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1
121 30.2 24.0 36.0

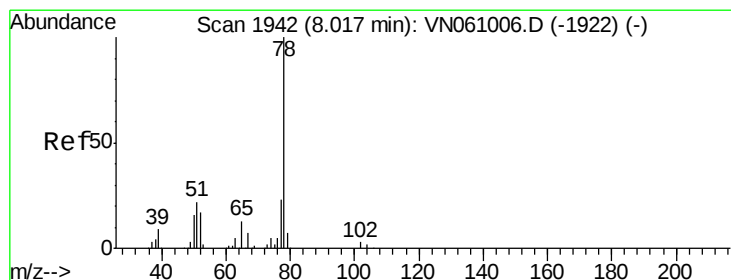
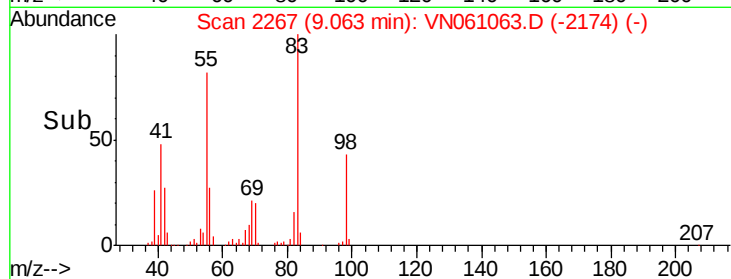
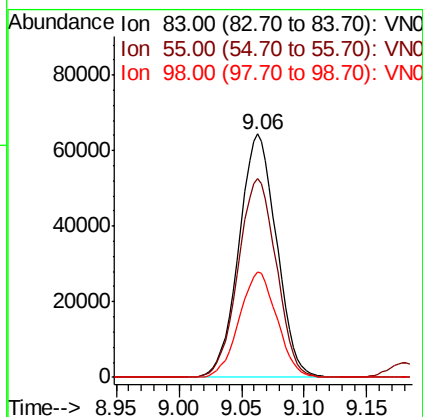
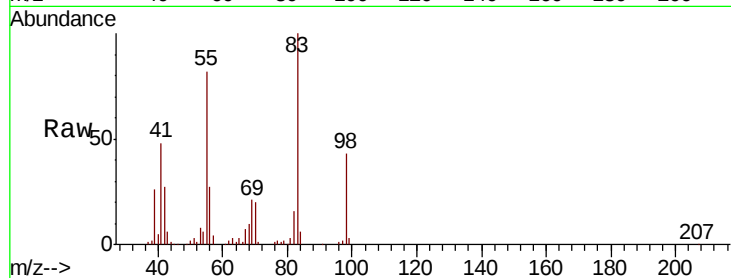




#39
Methvlcvclohexane
Concen: 42.430 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

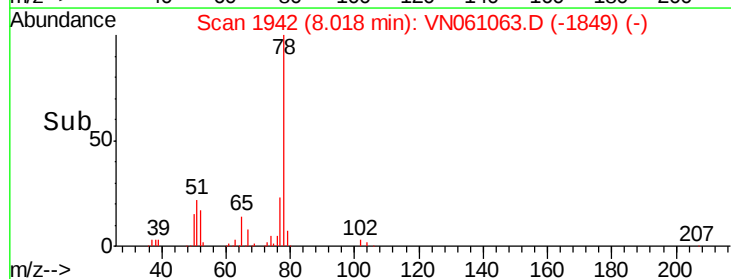
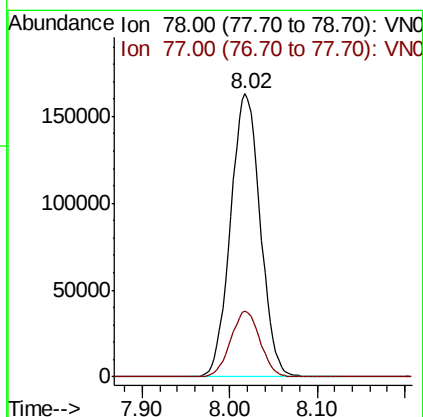
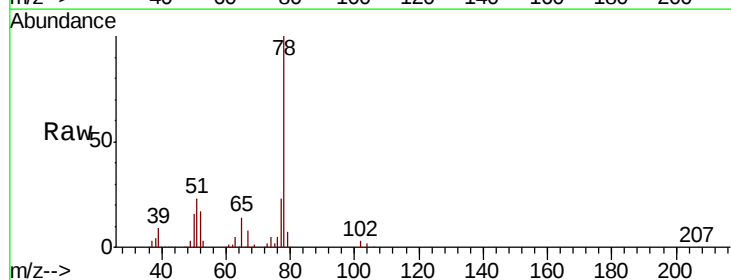
Instrument :
MSVOA_N
ClientSampleId :

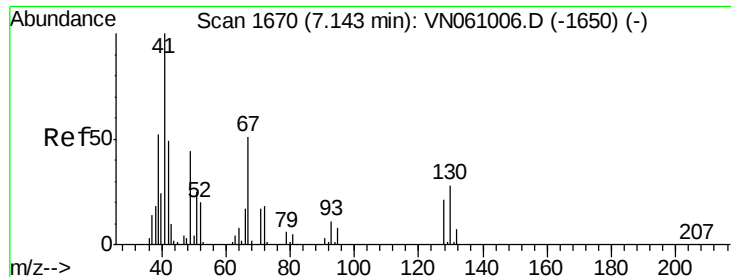
Tot Ion: 83 Resp: 133859
Ion Ratio Lower Upper
83 100
55 81.8 65.4 98.0
98 43.3 34.6 51.8



#40
Benzene
Concen: 49.115 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 78 Resp: 384499
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

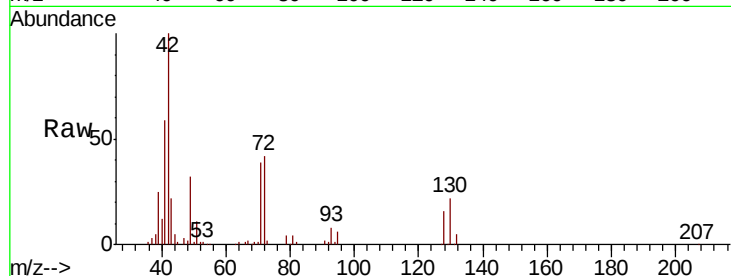




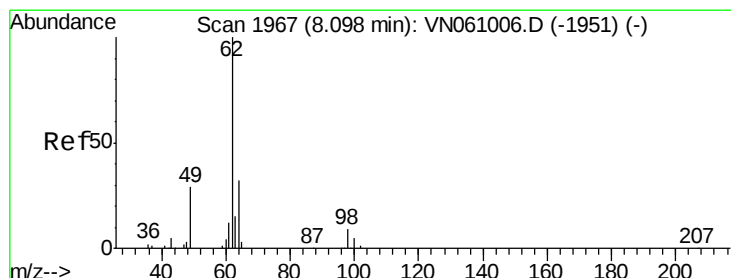
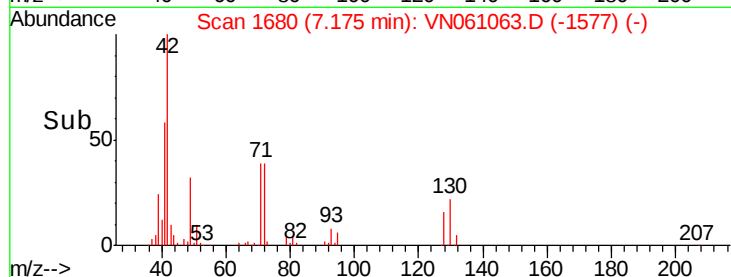
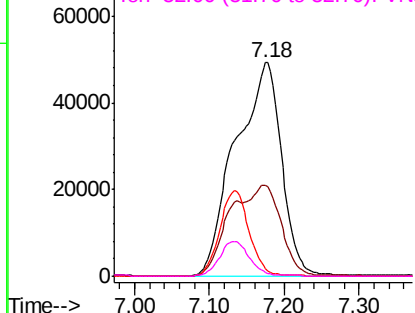
#41
Methacrylonitrile
Concen: 176.241 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	210631
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

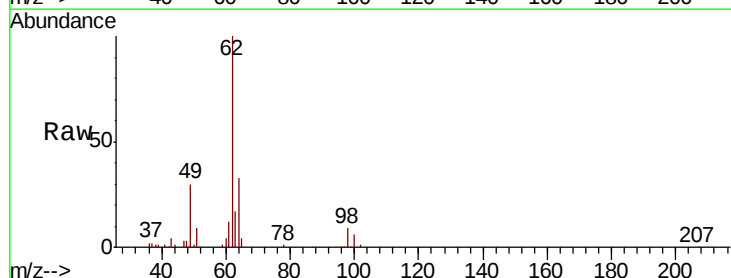


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

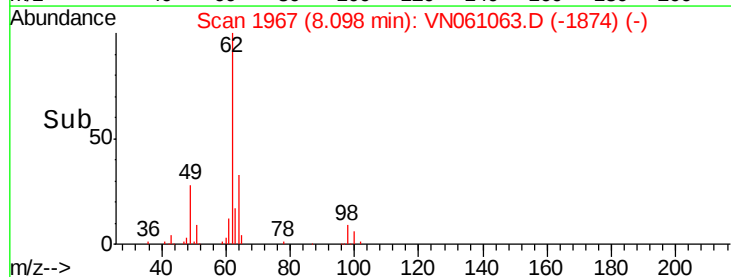
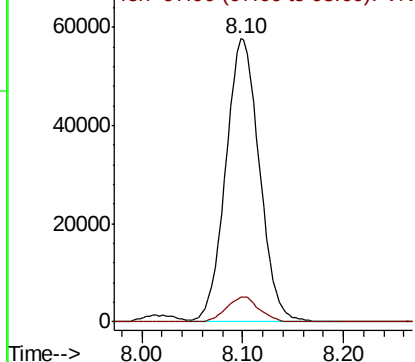


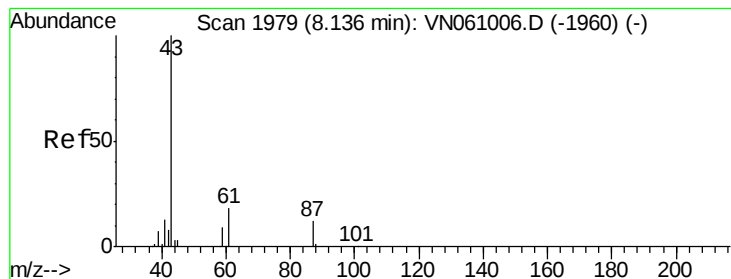
#42
1,2-Dichloroethane
Concen: 50.369 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:	62	Resp:	134326
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



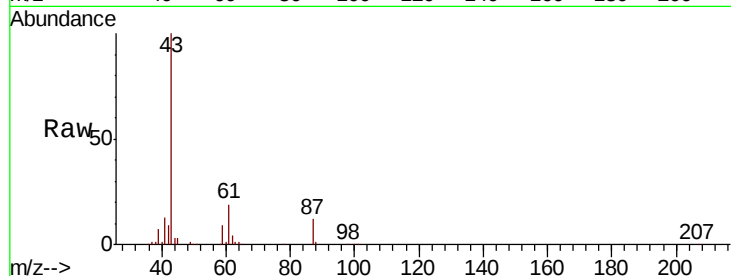


#43

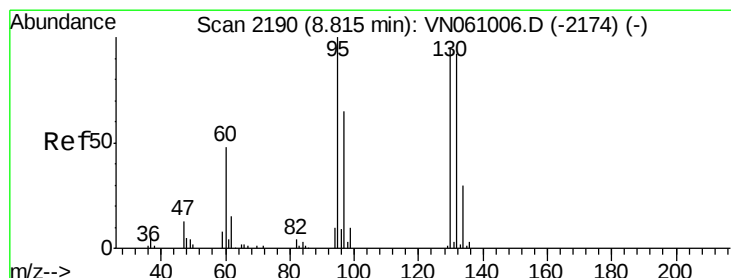
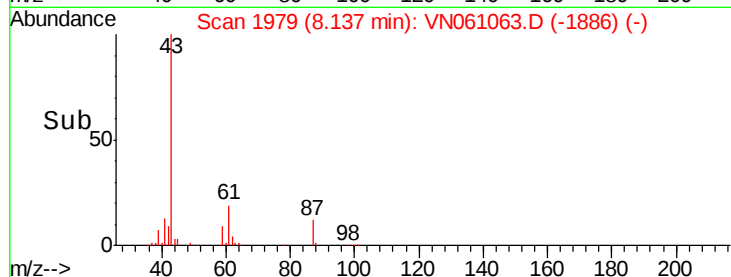
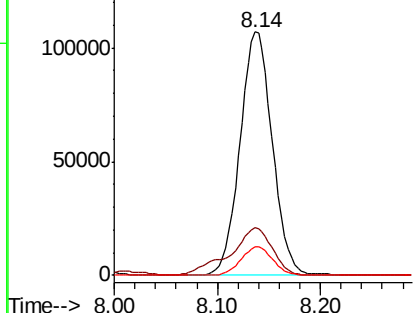
Isopropyl Acetate
 Concen: 50.003 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.3	30.5
87	11.6	9.4	14.2



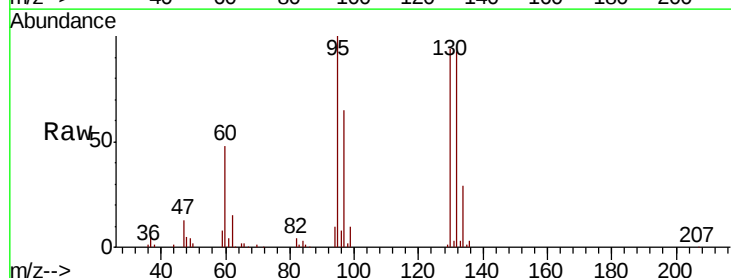
Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)
 Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)
 Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)



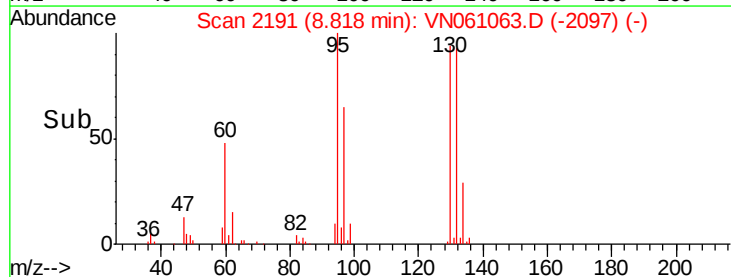
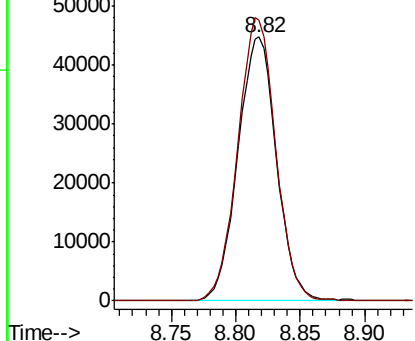
#44

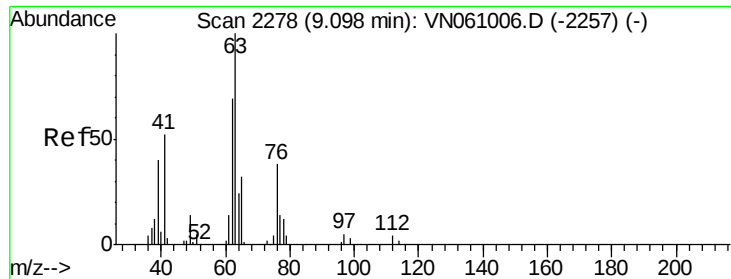
Trichloroethene
 Concen: 47.462 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061006.D (-2174) (-)
 Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

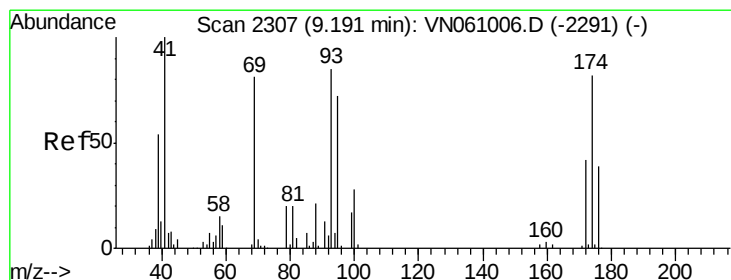
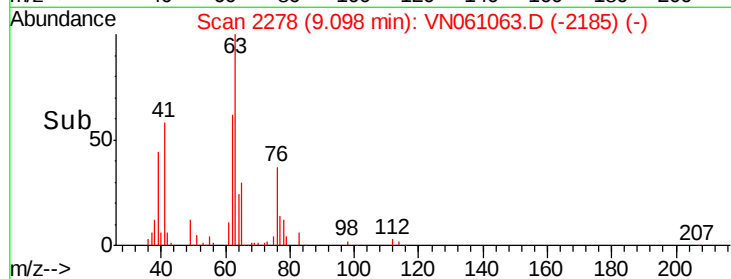
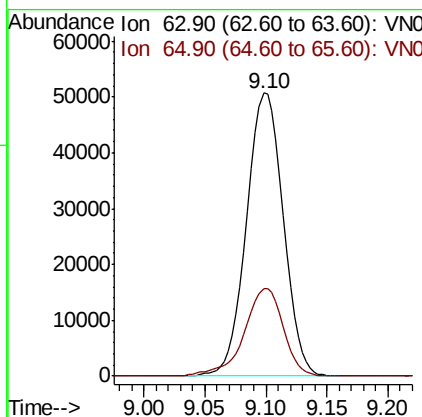
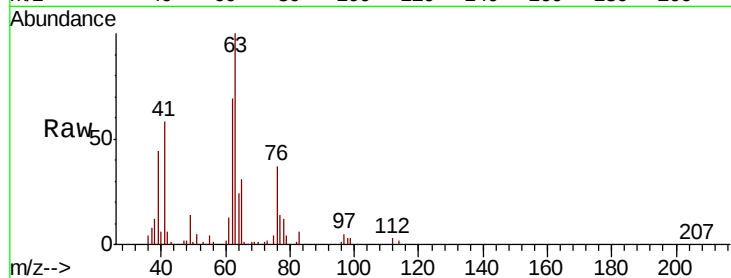




#45
 1,2-Dichloropropane
 Concen: 50.049 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

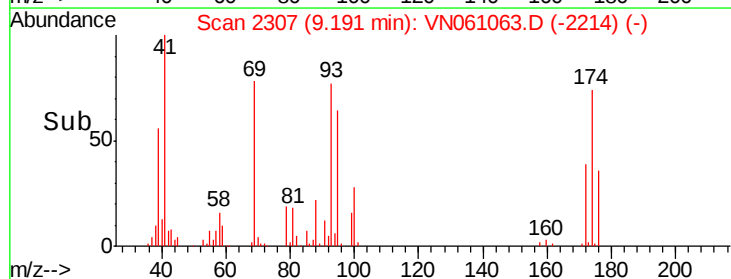
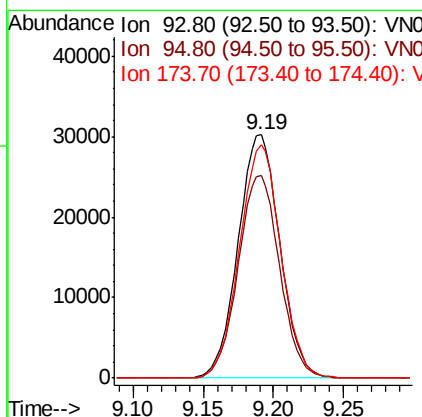
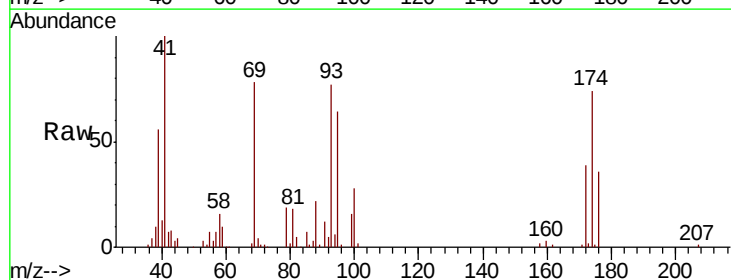
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 105829
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.2 37.8



#46
 Dibromomethane
 Concen: 51.435 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 93 Resp: 62706
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.8 100.2
 174 94.8 76.2 114.4

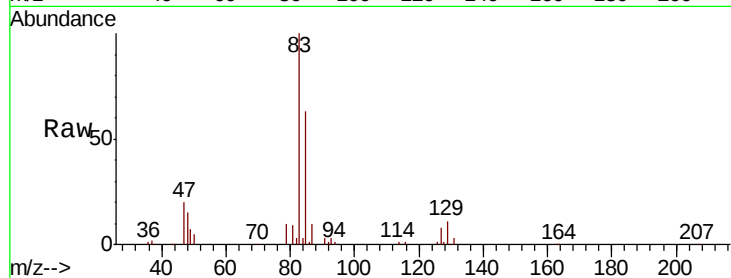




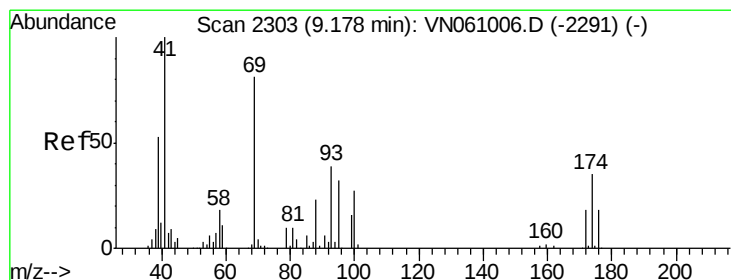
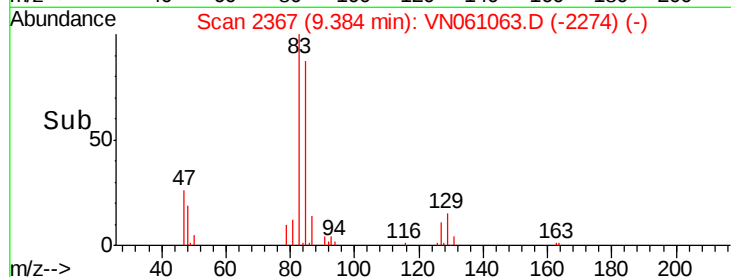
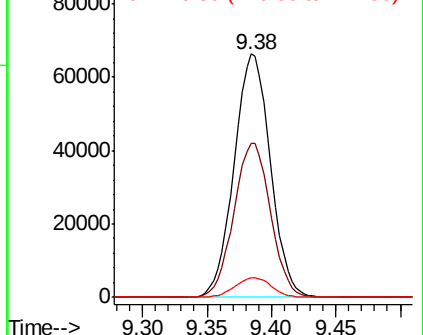
#47
 Bromodichloromethane
 Concen: 50.454 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 129943
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.6 76.0
 127 8.0 6.1 9.1

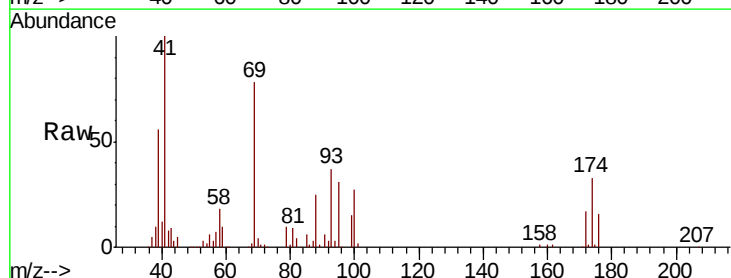


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

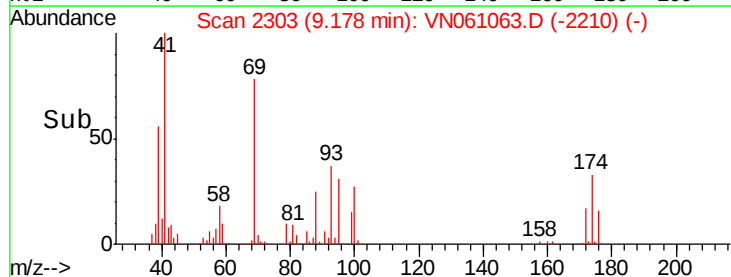
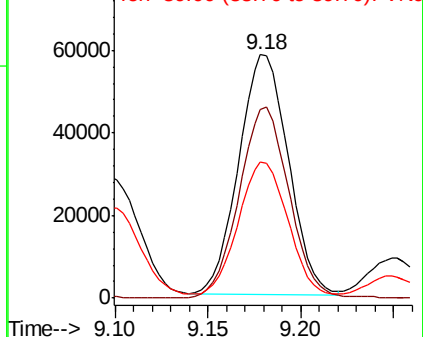


#48
 Methyl methacrylate
 Concen: 52.443 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 41 Resp: 108002
 Ion Ratio Lower Upper
 41 100
 69 80.5 65.3 97.9
 39 57.6 45.2 67.8



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

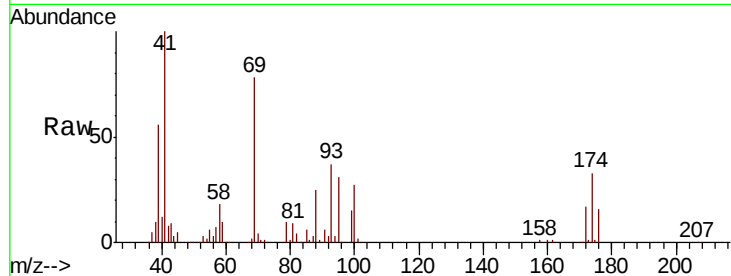




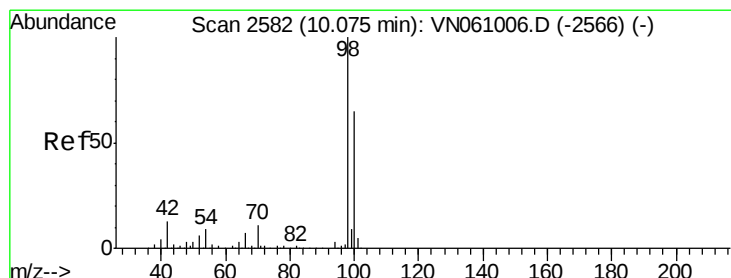
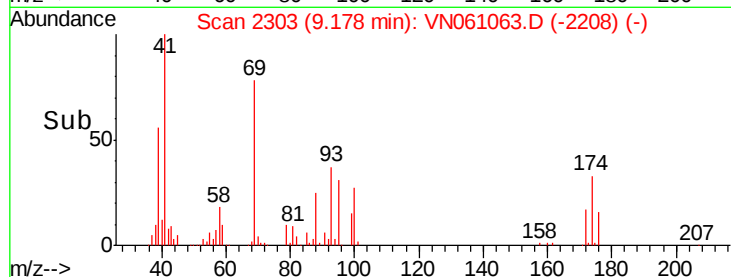
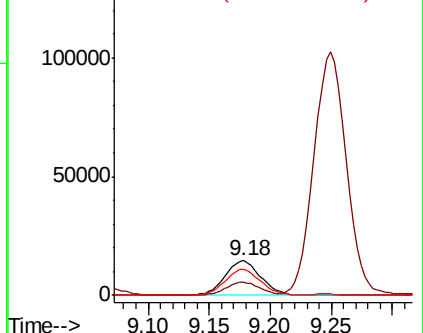
#49
1,4-Dioxane
Concen: 1046.591 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 29946
Ion Ratio Lower Upper
88 100
43 36.8 30.9 46.3
58 73.5 59.8 89.8

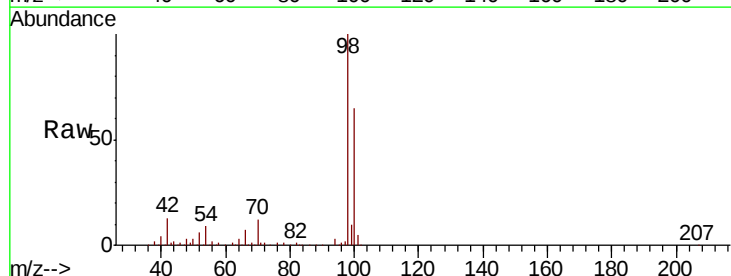


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

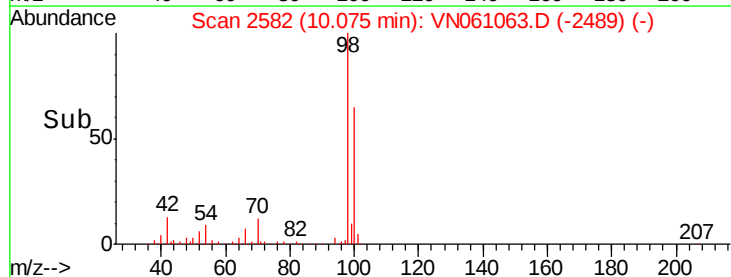
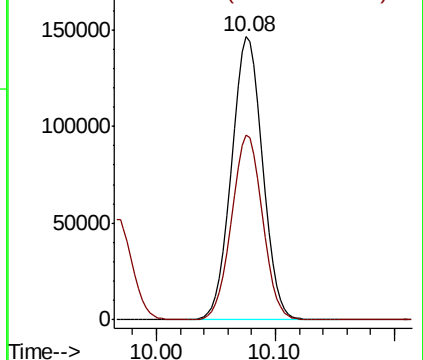


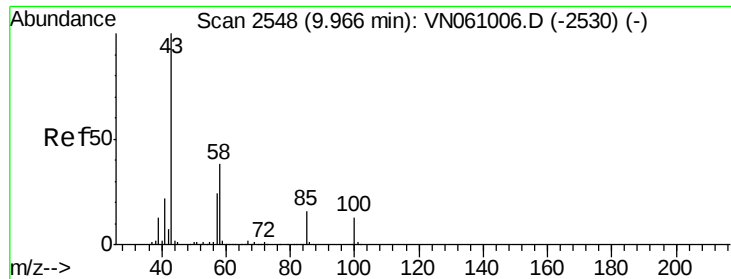
#50
Toluene-d8
Concen: 46.927 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 98 Resp: 264819
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



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: 267.952 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

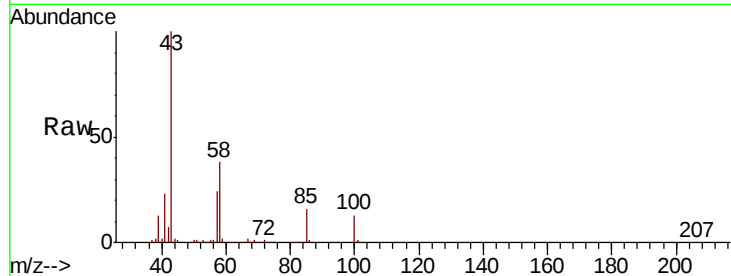
ClientSampled :

Tot Ion: 43 Resp: 719825

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

400000

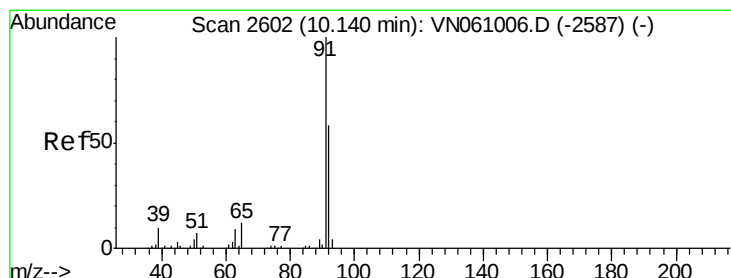
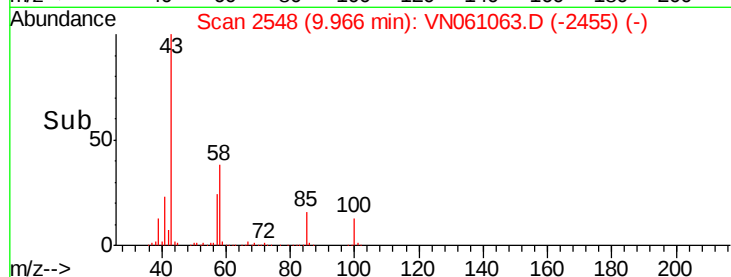
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.458 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061063.D

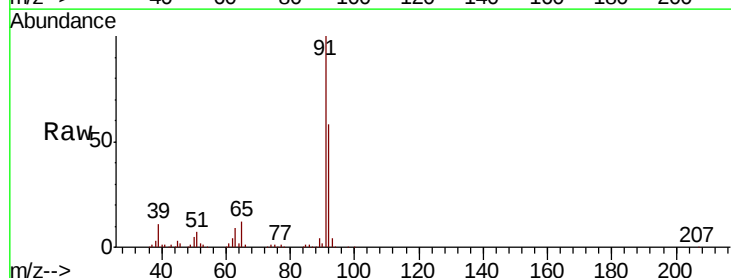
Acq: 17 Apr 2020 19:55

Tgt Ion: 92 Resp: 227580

Ion Ratio Lower Upper

92 100

91 175.1 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

250000

200000

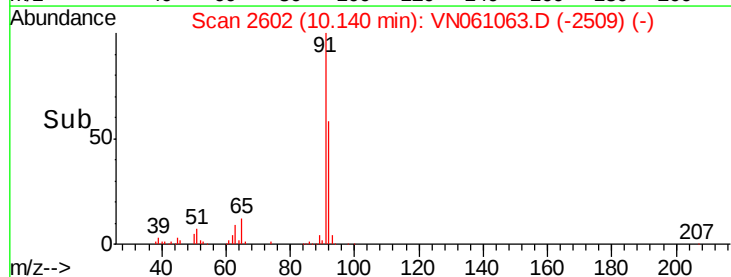
150000

100000

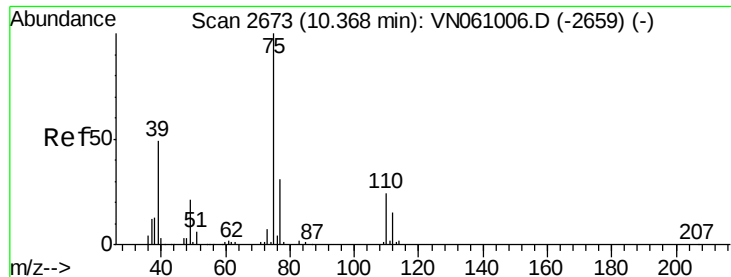
50000

0

Time-->



10.14



#53

t-1,3-Dichloropropene

Concen: 48.042 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

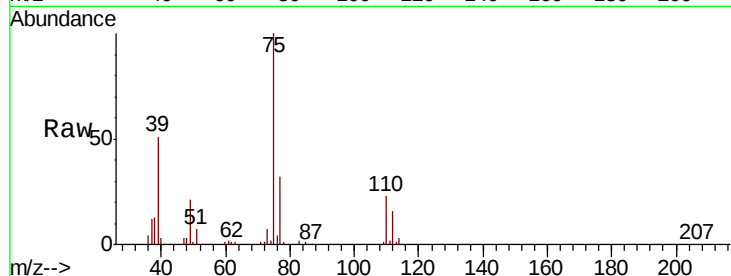
ClientSampleId :

Tot Ion: 75 Resp: 143723

Ion Ratio Lower Upper

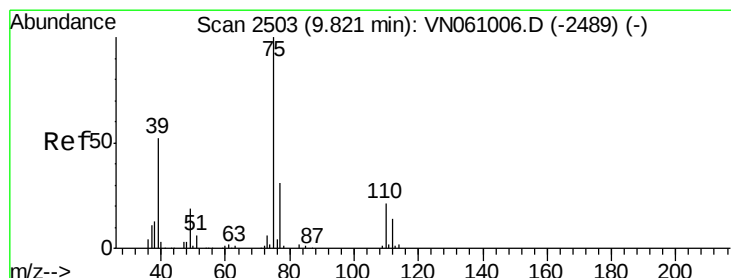
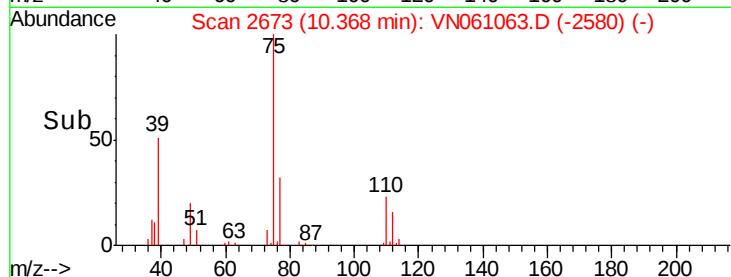
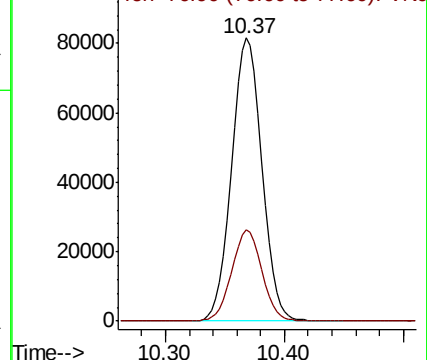
75 100

77 32.1 25.0 37.6



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: 47.530 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

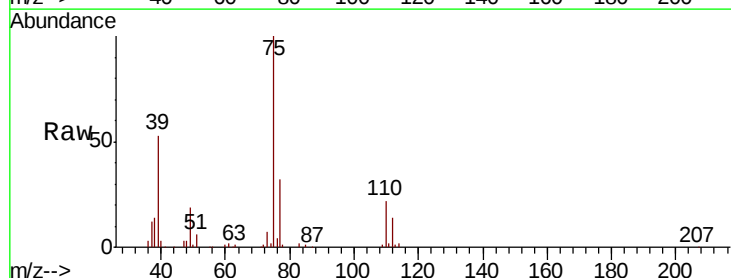
Tgt Ion: 75 Resp: 155143

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

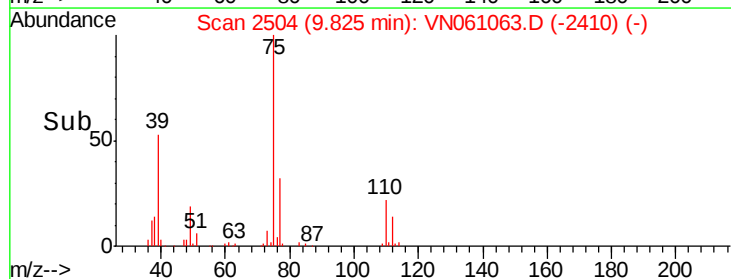
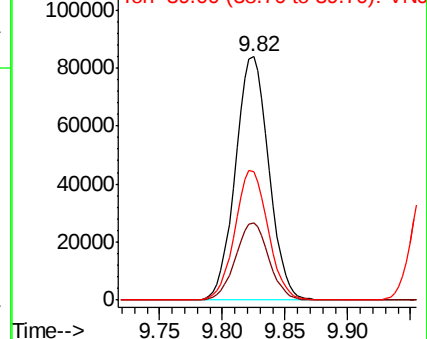
39 52.6 41.4 62.2

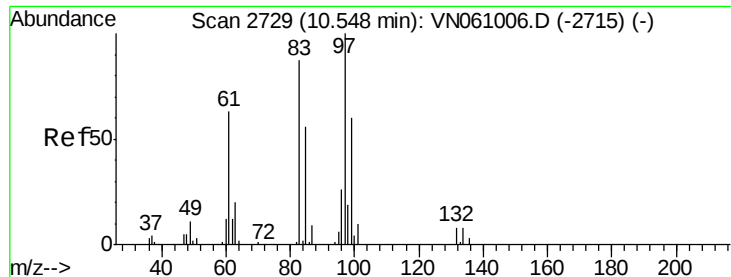


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

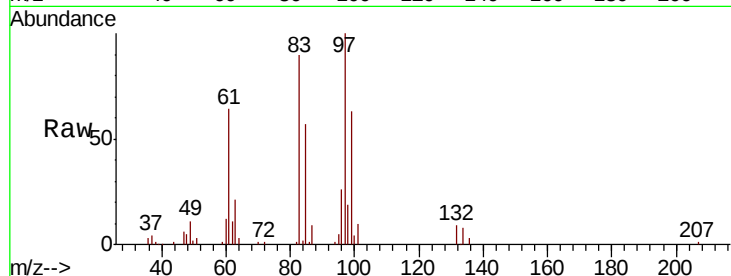




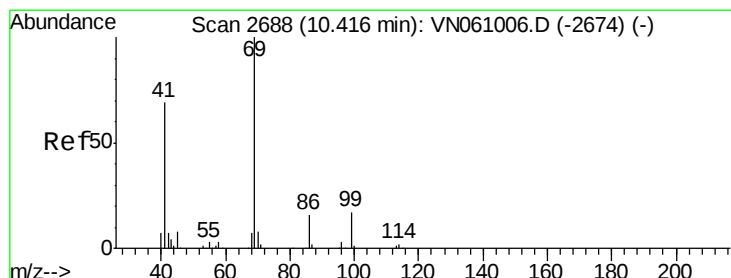
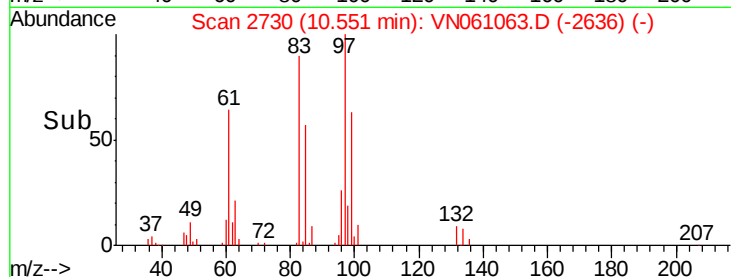
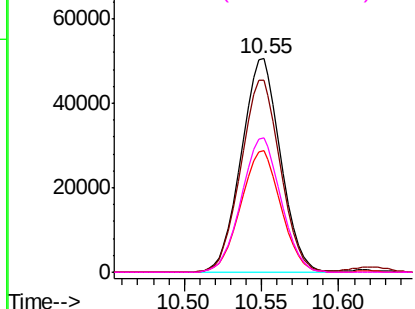
#55
 1,1,2-Trichloroethane
 Concen: 50.314 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 89422
 Ion Ratio Lower Upper
 97 100
 83 90.1 69.5 104.3
 85 56.9 45.0 67.4
 99 62.9 47.9 71.9

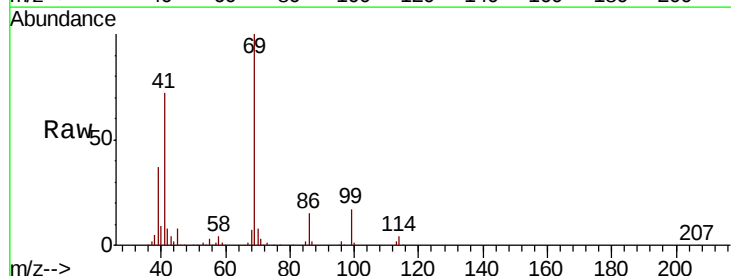


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

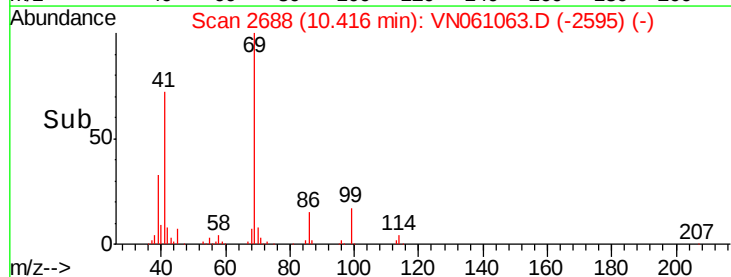
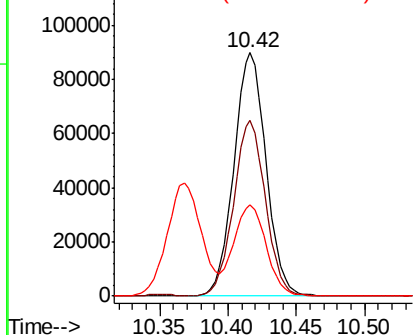


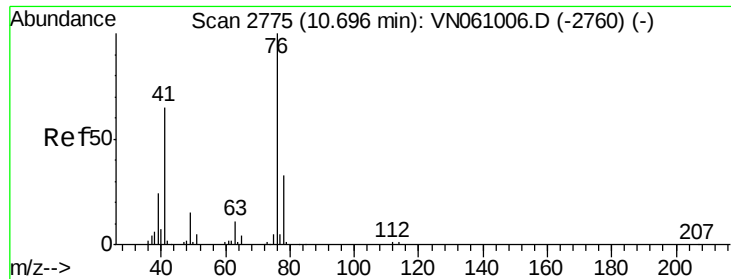
#56
 Ethyl methacrylate
 Concen: 52.674 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 69 Resp: 147209
 Ion Ratio Lower Upper
 69 100
 41 70.8 56.7 85.1
 39 37.7 29.4 44.0



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

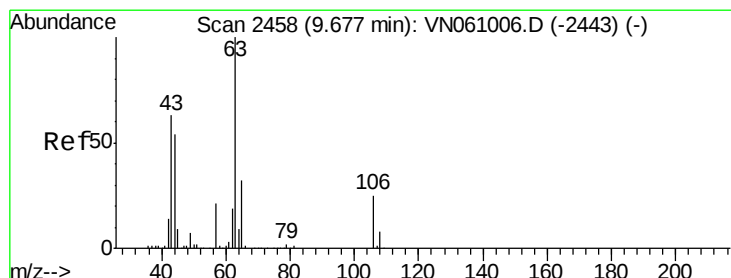
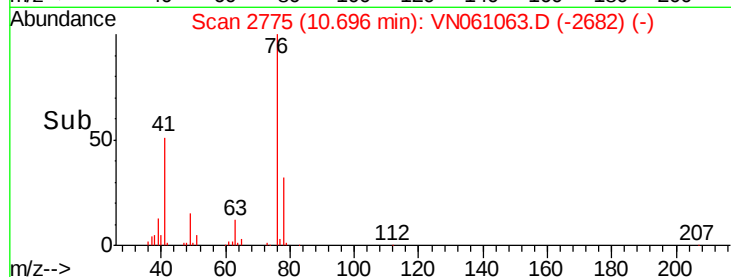
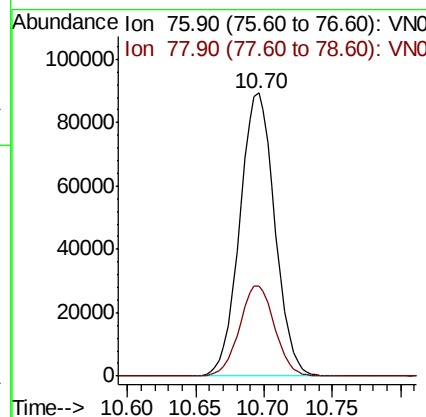
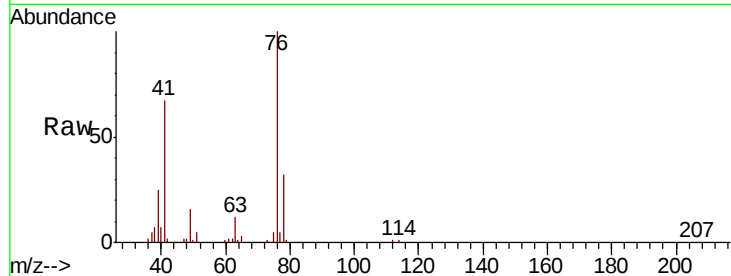




#57
 1,3-Dichloropropane
 Concen: 50.217 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

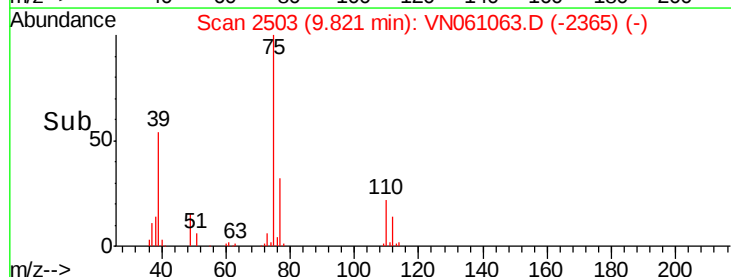
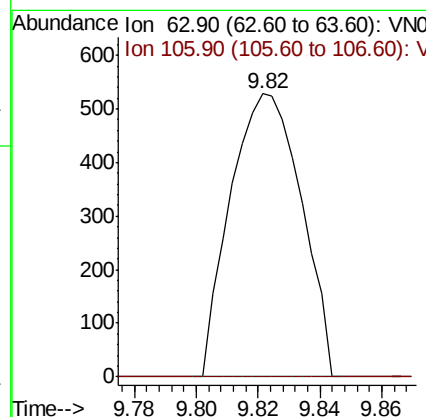
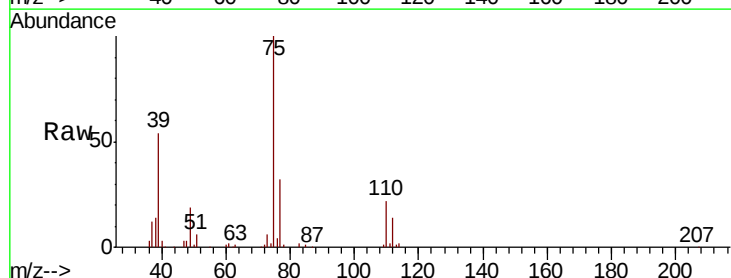
Instrument :
 MSVOA_N
 ClientSampleId :

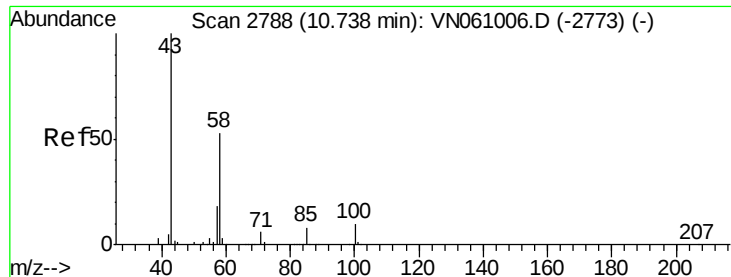
Tot Ion: 76 Resp: 159195
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.661 ug/l
 RT: 9.82 min Scan# 2503
 Delta R.T. 0.14 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 63 Resp: 840
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#

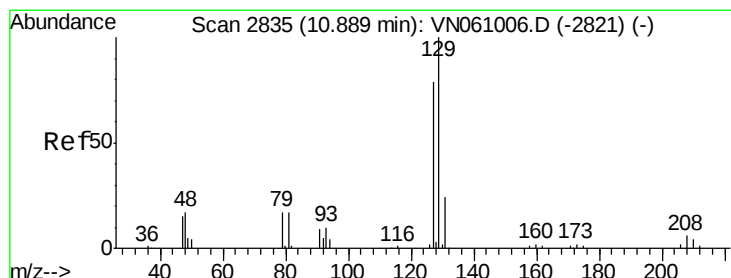
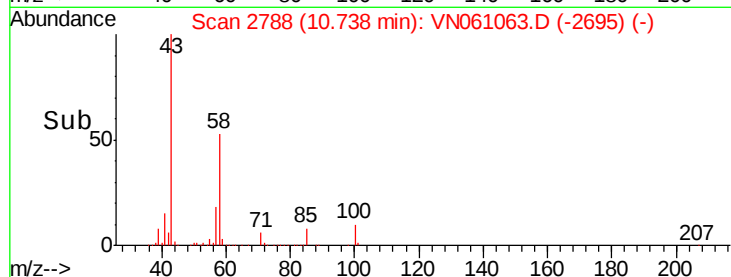
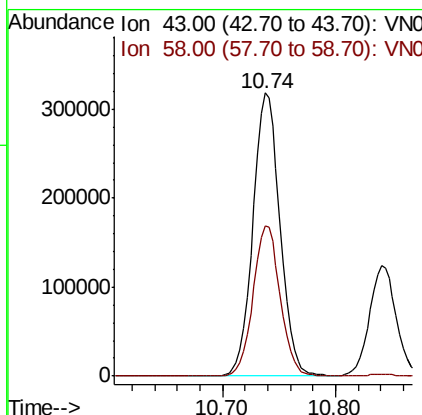
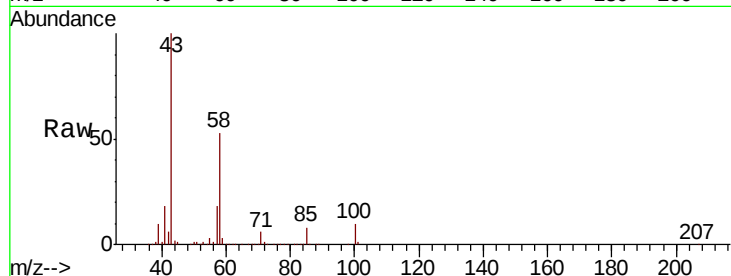




#59
2-Hexanone
Concen: 272.854 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

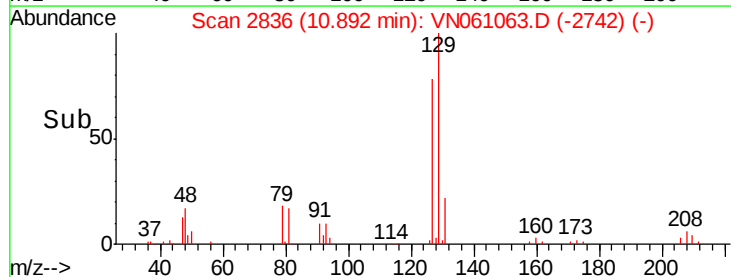
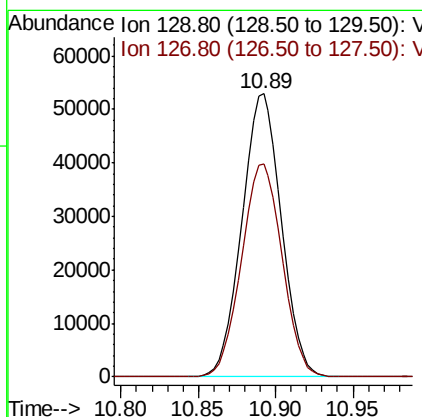
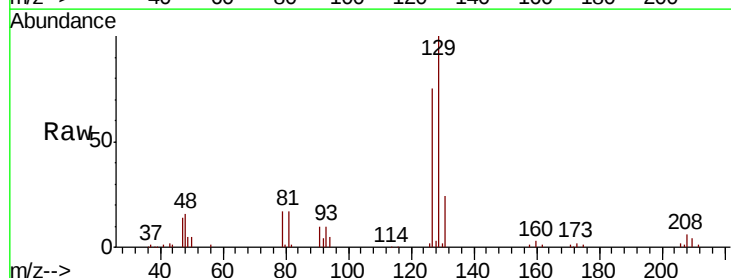
Instrument :
MSVOA_N
ClientSampleId :

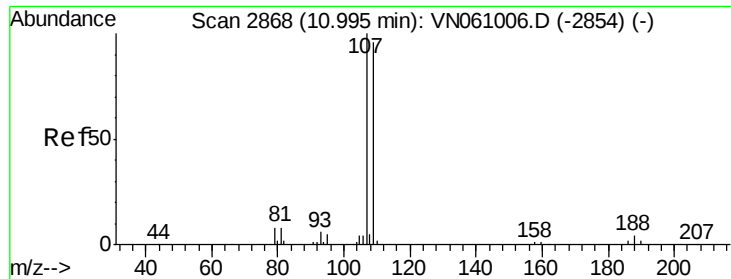
Tot Ion: 43 Resp: 528620
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 51.540 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 129 Resp: 94096
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

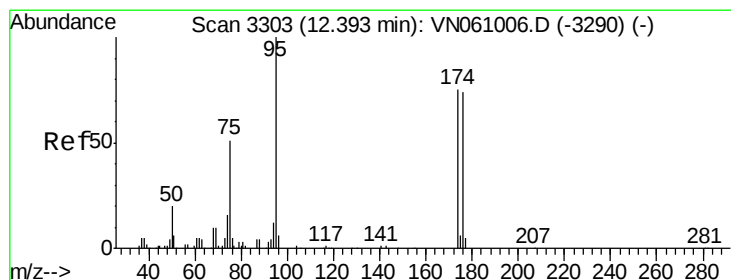
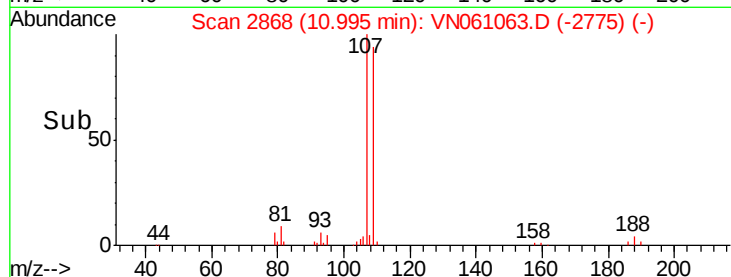
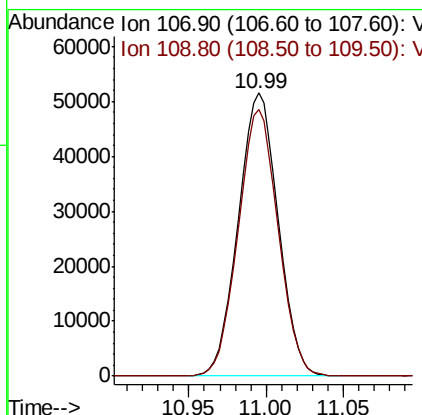
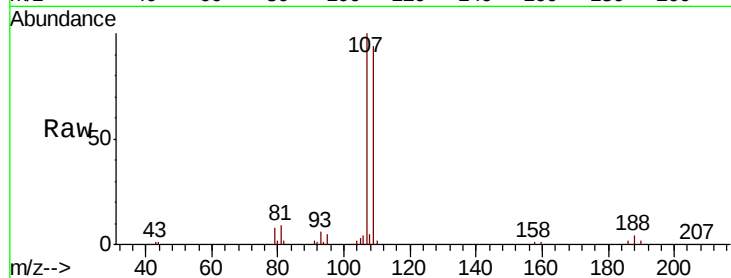




#61
 1,2-Dibromoethane
 Concen: 50.997 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

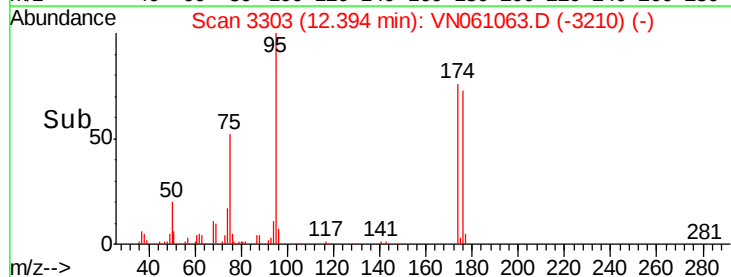
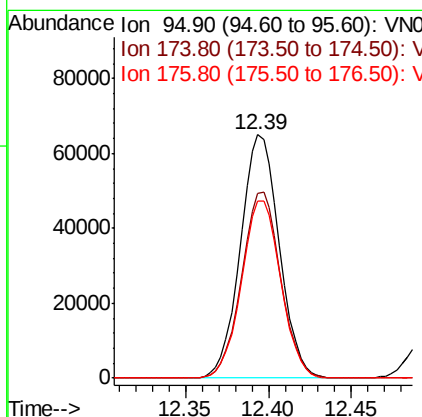
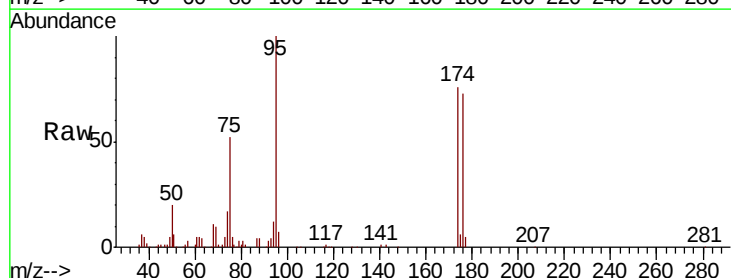
Instrument :
 MSVOA_N
 ClientSampled :

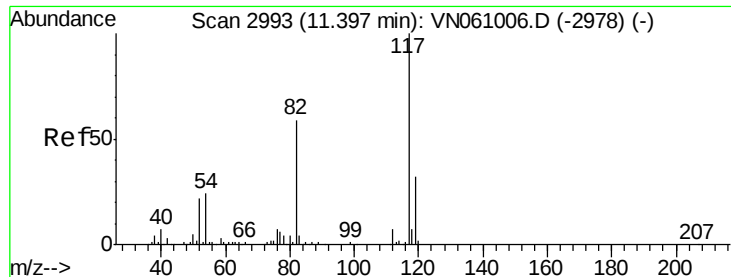
Tot Ion:107 Resp: 92357
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.820 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 95 Resp: 105766
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 151.2
 176 73.6 0.0 148.2

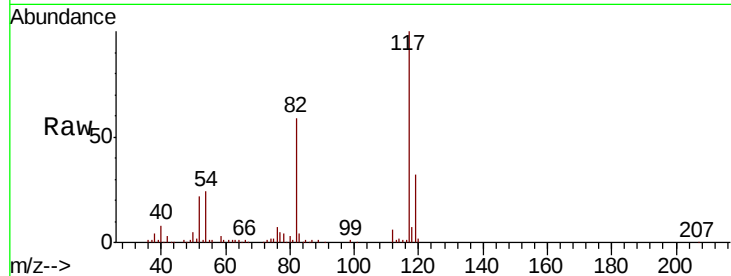




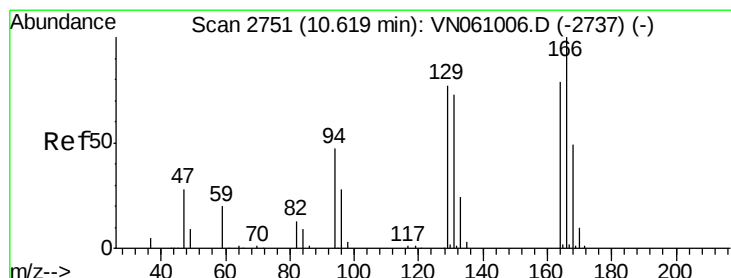
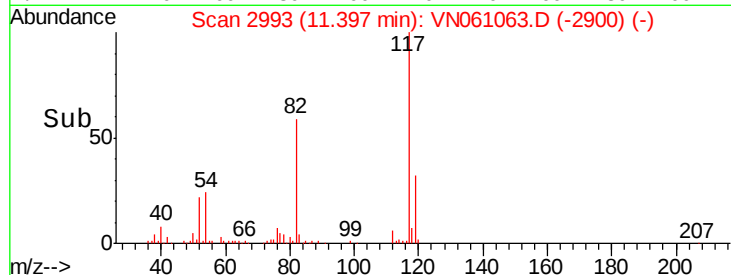
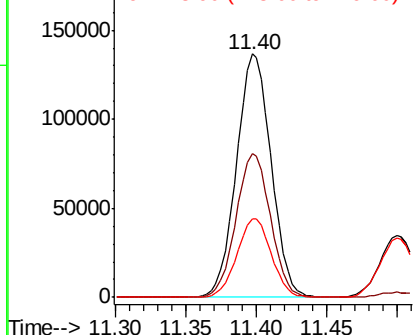
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 235324
Ion Ratio Lower Upper
117 100
82 59.1 47.1 70.7
119 32.4 25.7 38.5

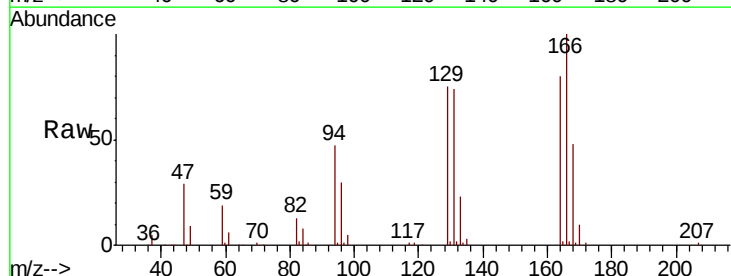


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

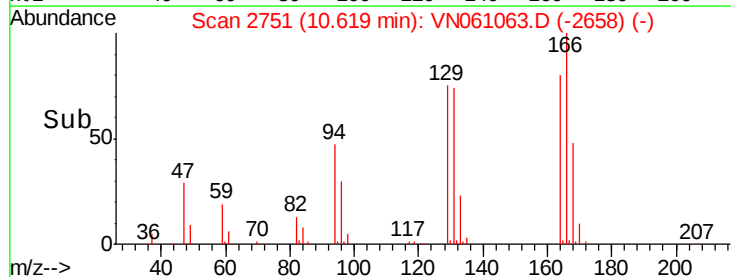
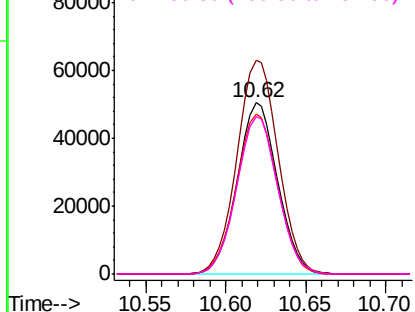


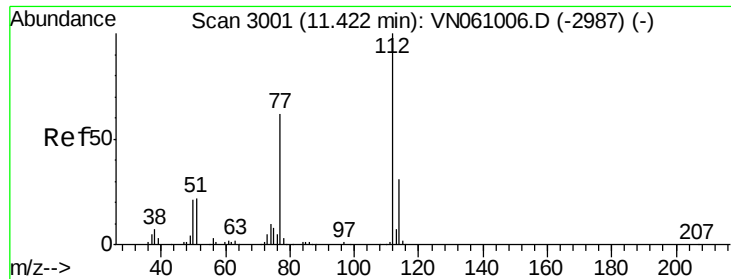
#64
Tetrachloroethene
Concen: 48.222 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:164 Resp: 86835
Ion Ratio Lower Upper
164 100
166 124.7 101.6 152.4
129 93.3 78.5 117.7
131 91.7 74.3 111.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

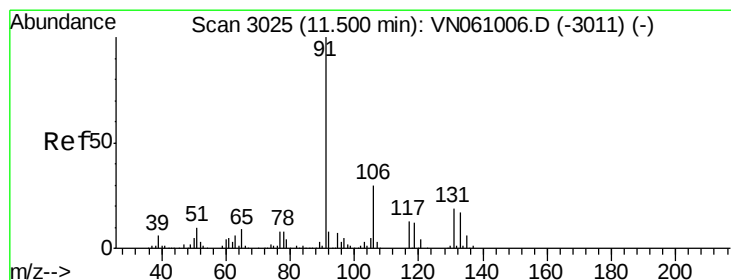
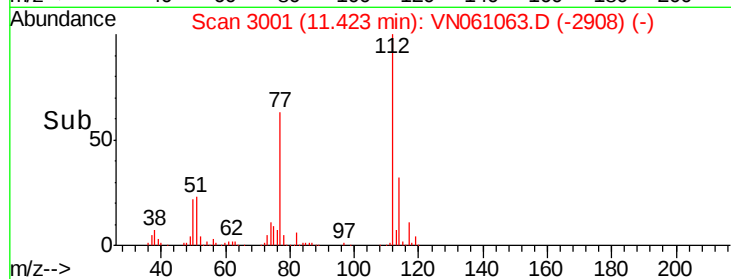
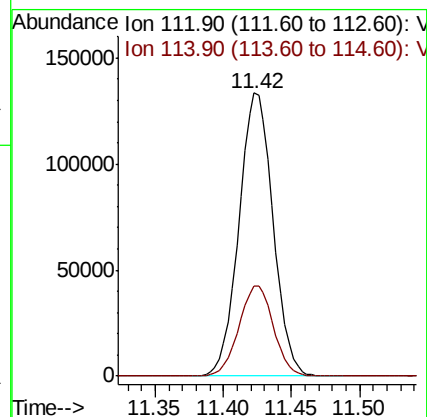
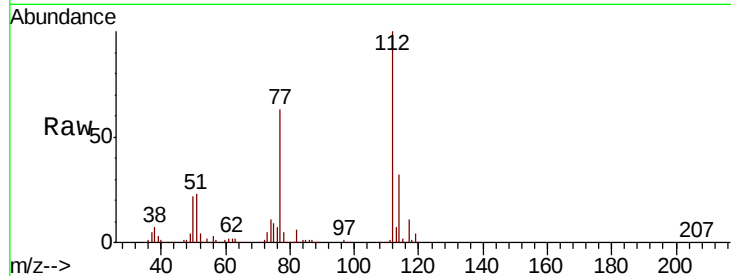




#65
Chlorobenzene
Concen: 47.574 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

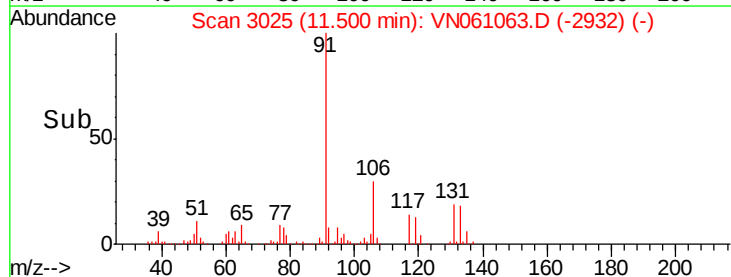
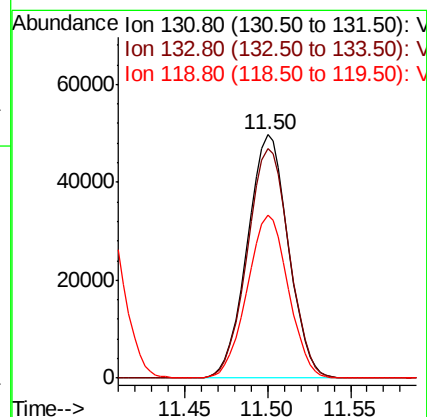
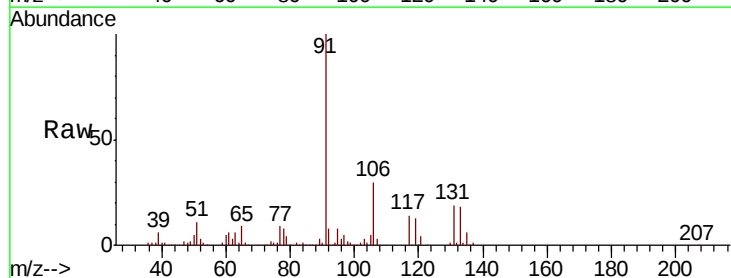
Instrument :
MSVOA_N
ClientSampled :

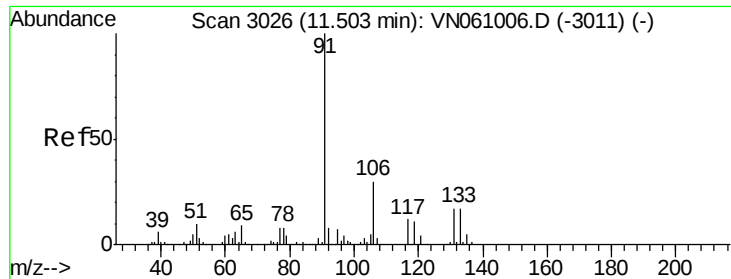
Tot Ion:112 Resp: 231112
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.204 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:131 Resp: 85518
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 67.1 33.3 99.8

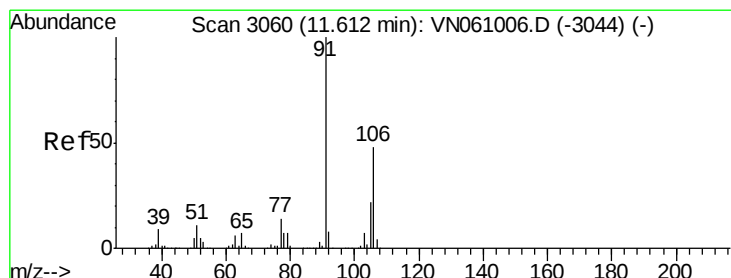
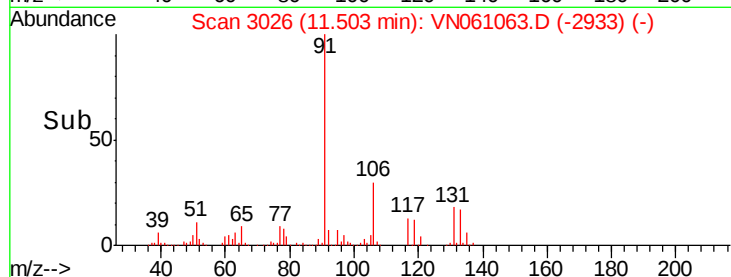
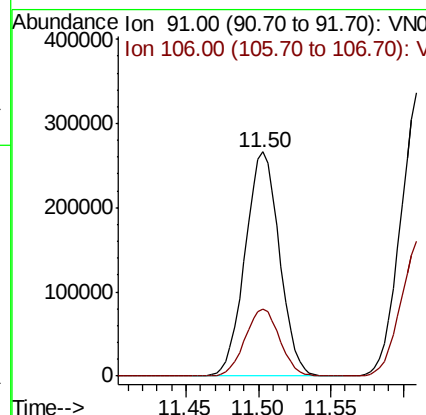
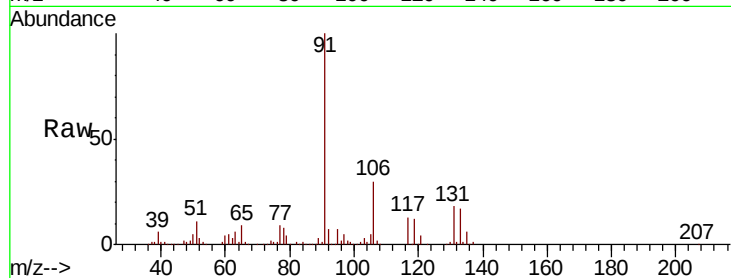




#67
Ethyl Benzene
Concen: 47.989 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

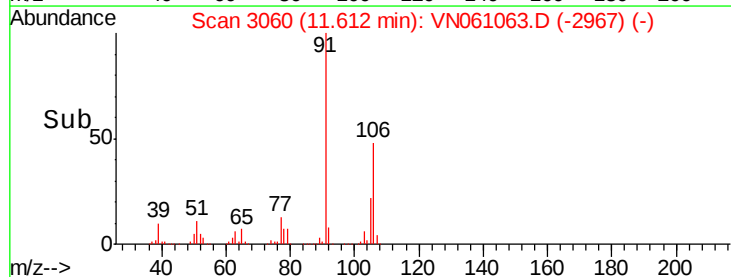
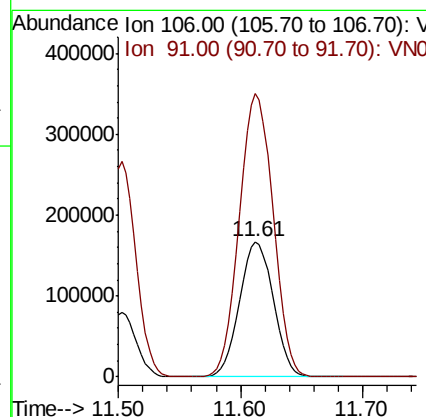
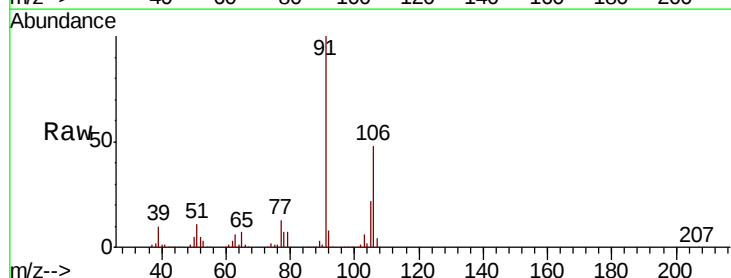
Instrument :
MSVOA_N
ClientSampleId :

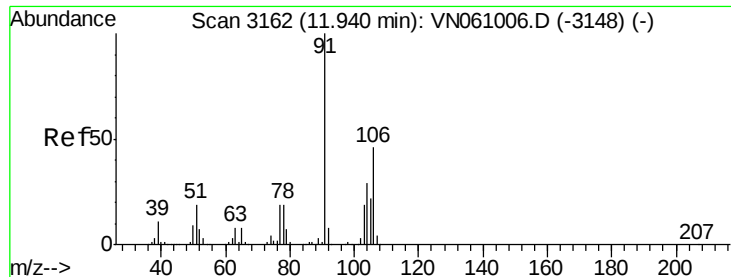
Tot Ion: 91 Resp: 438521
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 97.006 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 106 Resp: 320358
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9

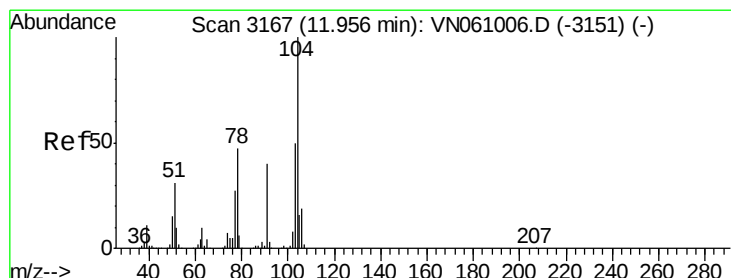
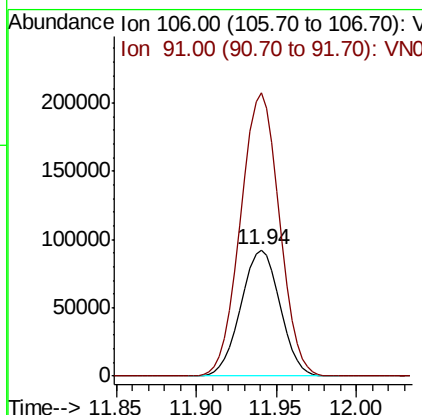
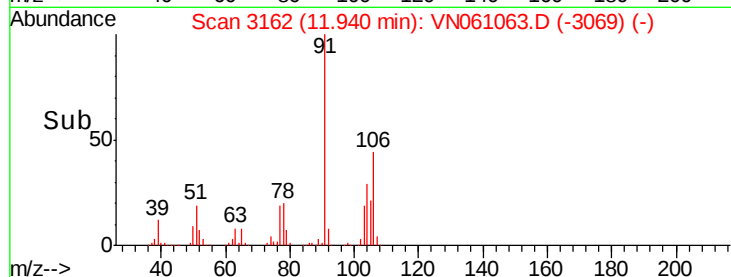
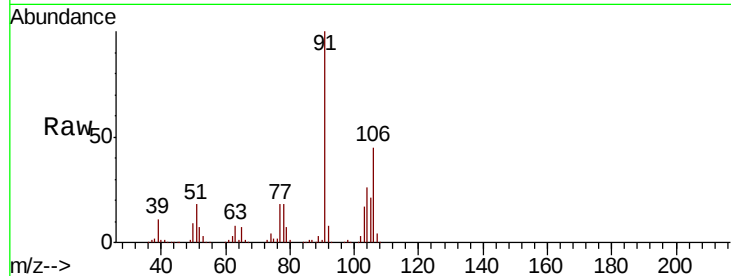




#69
o-Xylene
Concen: 48.657 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

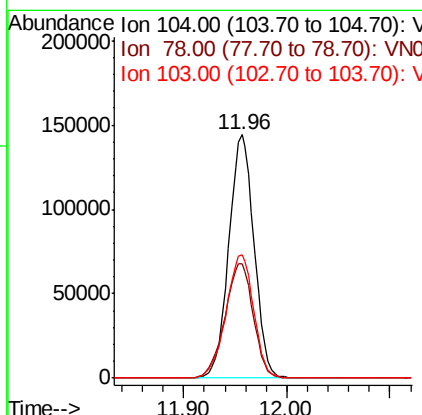
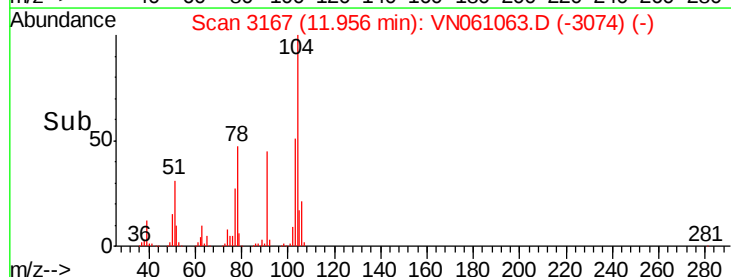
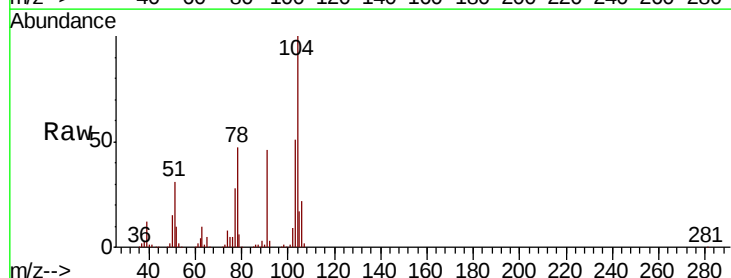
Instrument :
MSVOA_N
ClientSampled :

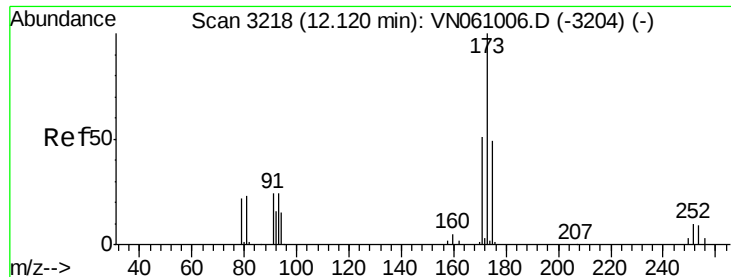
Tot Ion:106 Resp: 154497
Ion Ratio Lower Upper
106 100
91 222.3 110.7 332.1



#70
Styrene
Concen: 48.199 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:104 Resp: 246388
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 55.4 44.4 66.6





#71

Bromoform

Concen: 52.355 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampled :

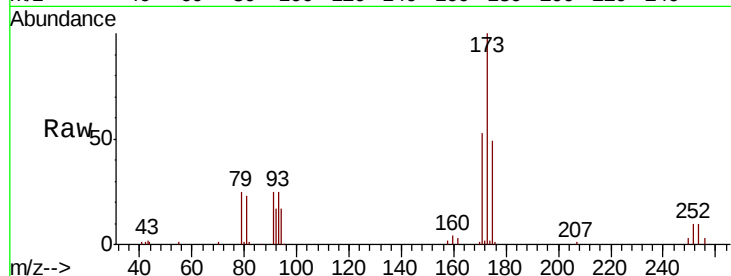
Tot Ion:173 Resp: 67922

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

254 0.0 0.0 0.0

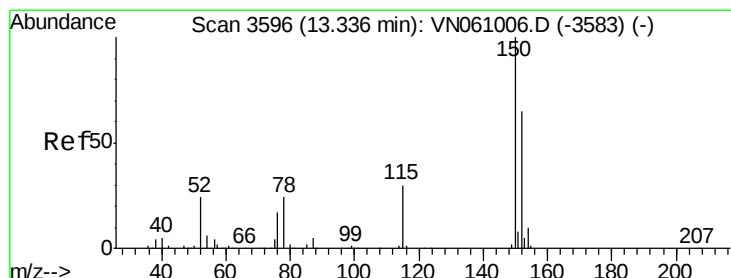
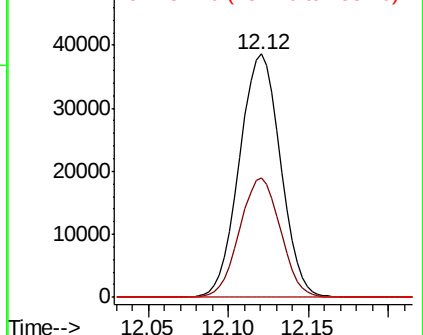
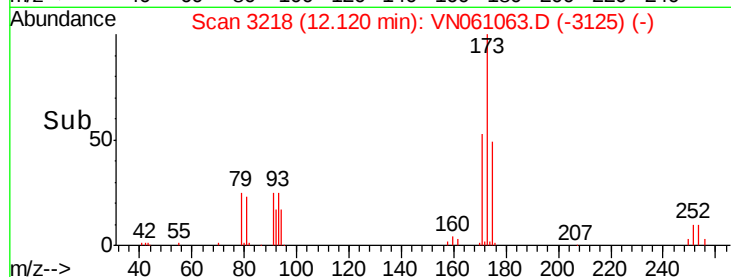


Abundance

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# 3597

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

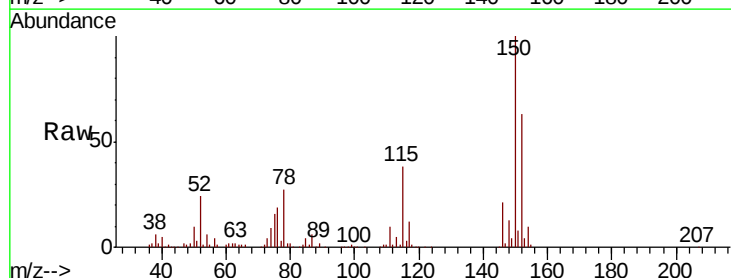
Tgt Ion:152 Resp: 112039

Ion Ratio Lower Upper

152 100

115 59.9 30.8 92.4

150 170.7 0.0 349.0

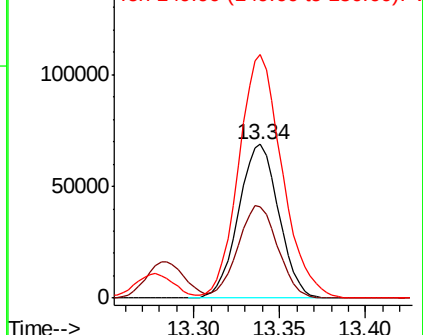
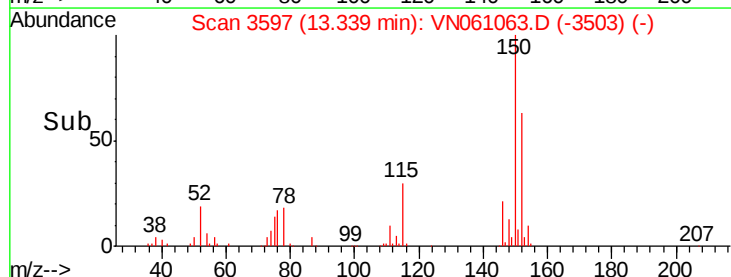


Abundance

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: 45.995 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

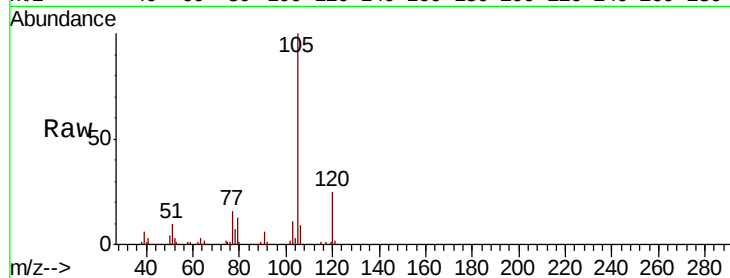
ClientSampled :

Tot Ion:105 Resp: 412847

Ion Ratio Lower Upper

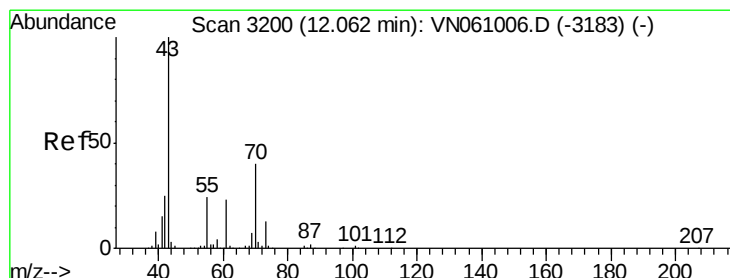
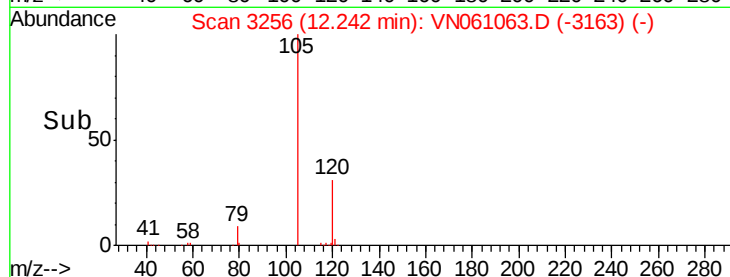
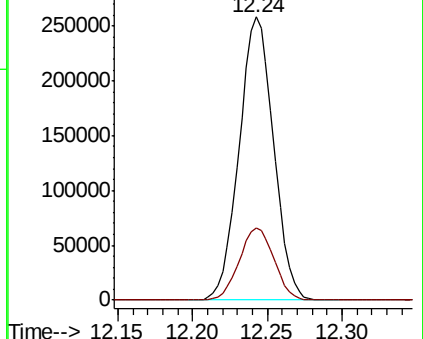
105 100

120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.515 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Tgt Ion: 43 Resp: 194160

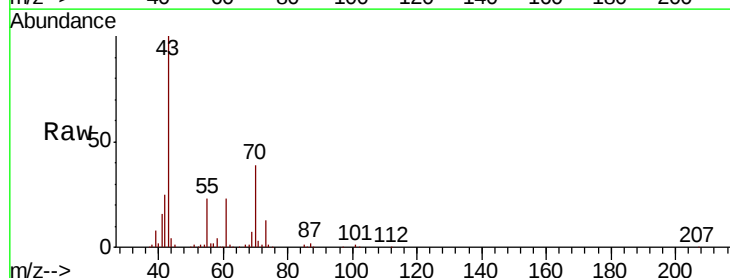
Ion Ratio Lower Upper

43 100

70 38.9 31.0 46.6

55 23.6 18.6 27.8

61 23.3 18.2 27.4

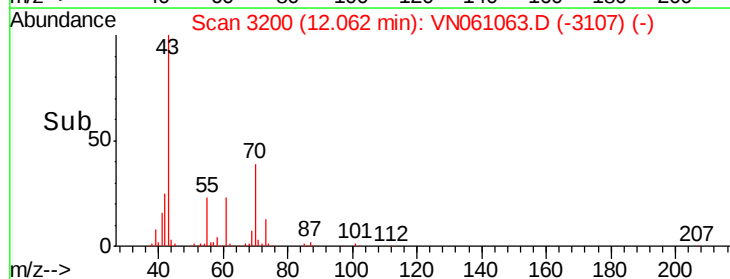
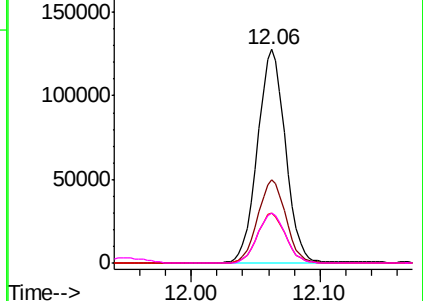


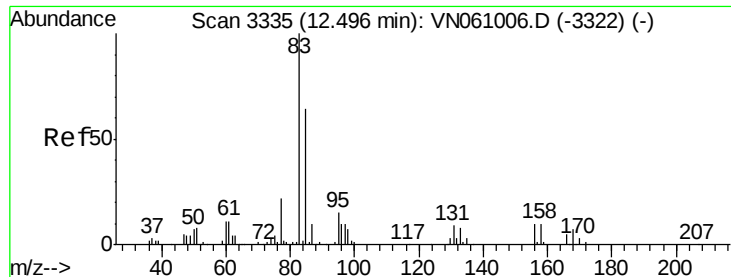
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.617 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampled :

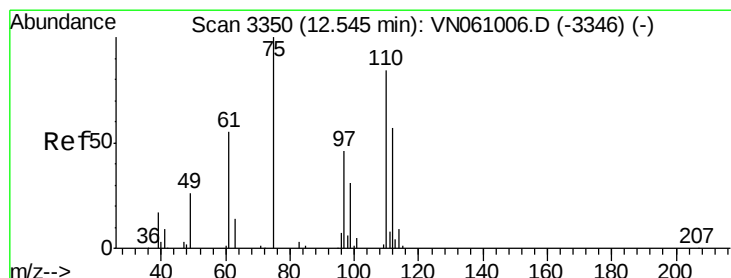
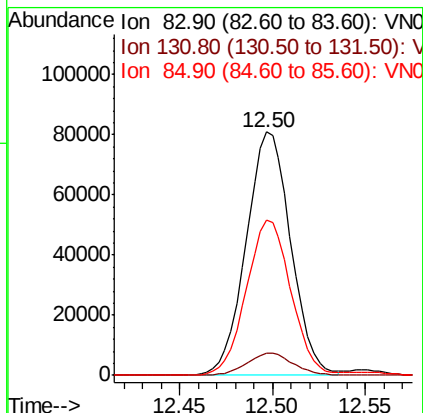
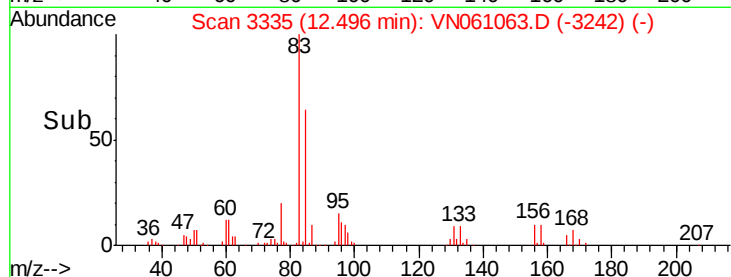
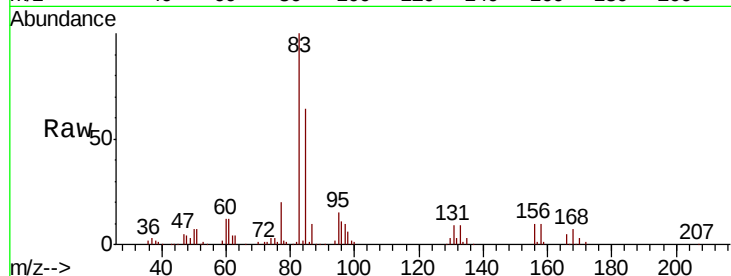
Tot Ion: 83 Resp: 135951

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 73.318 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061063.D

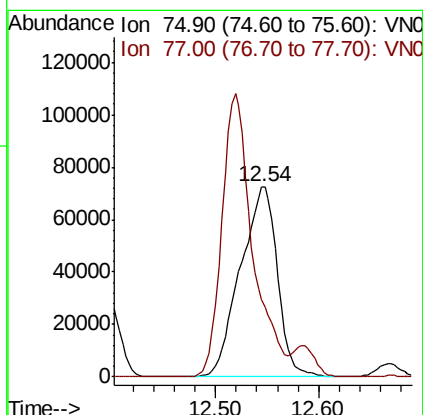
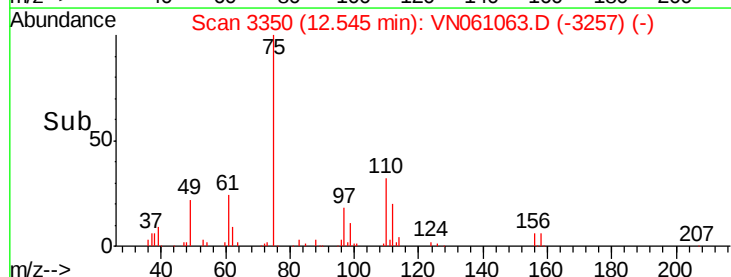
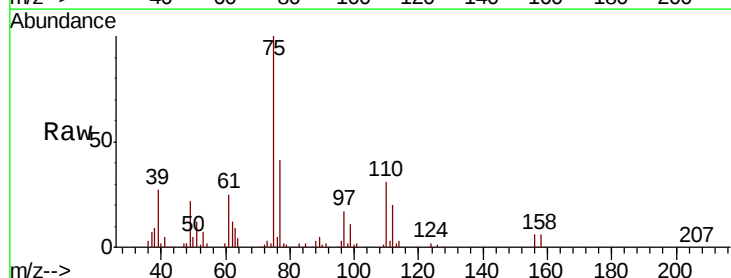
Acq: 17 Apr 2020 19:55

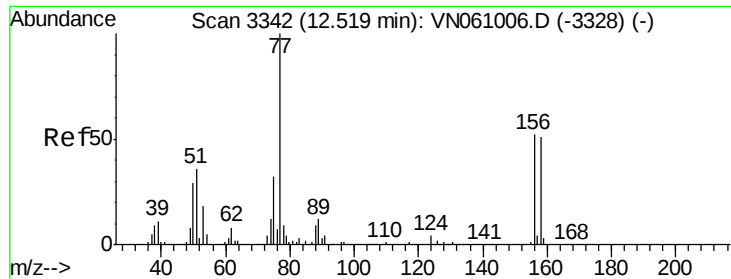
Tgt Ion: 75 Resp: 180685

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.594 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

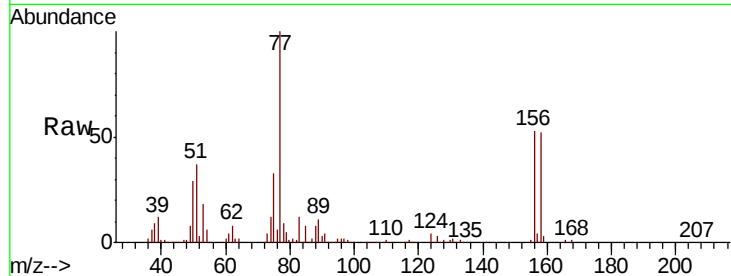
Tot Ion:156 Resp: 97648

Ion Ratio Lower Upper

156 100

77 230.3 115.6 346.8

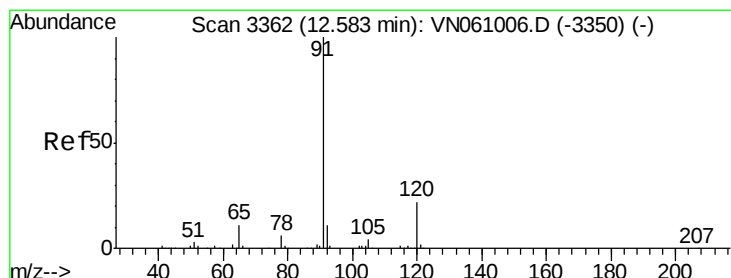
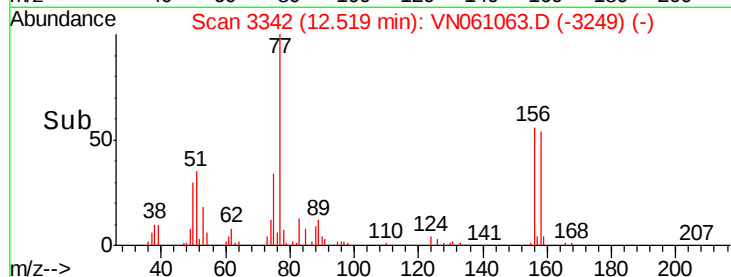
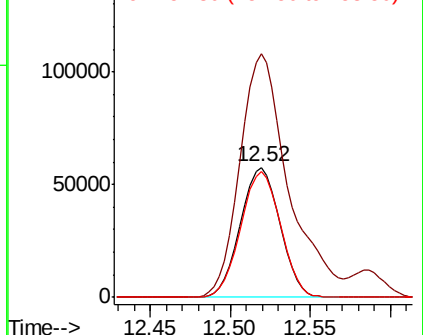
158 97.2 48.9 146.6



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: 46.388 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061063.D

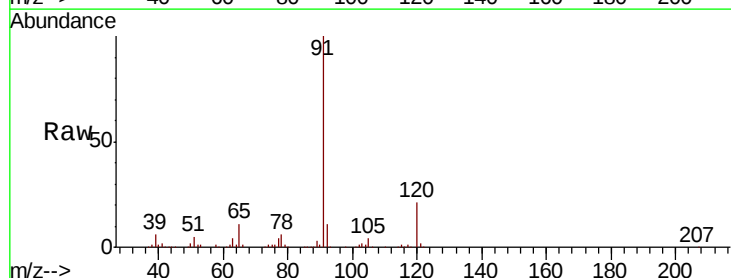
Acq: 17 Apr 2020 19:55

Tgt Ion: 91 Resp: 487156

Ion Ratio Lower Upper

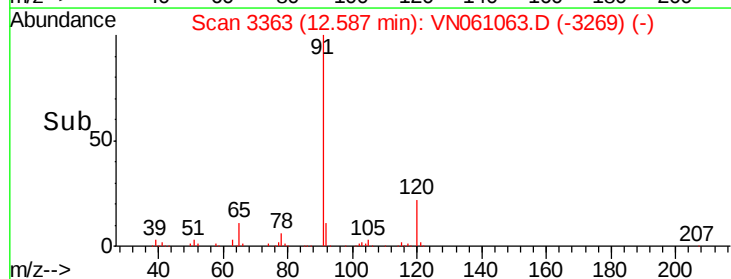
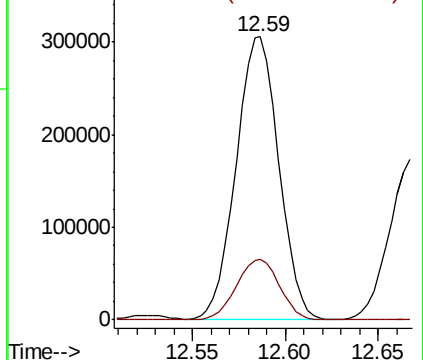
91 100

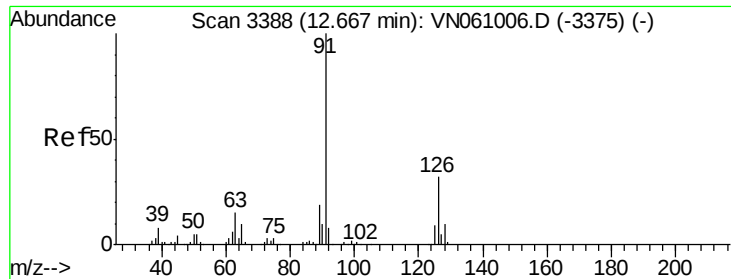
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

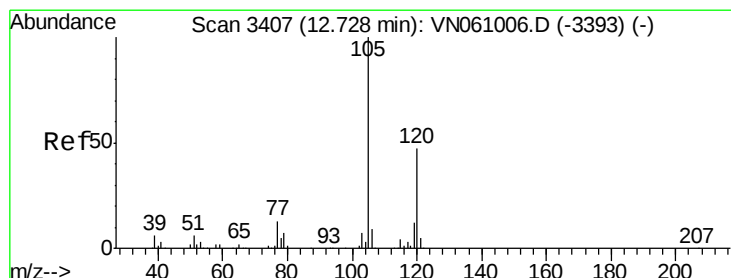
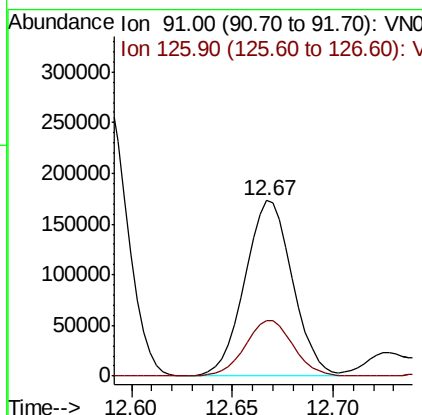
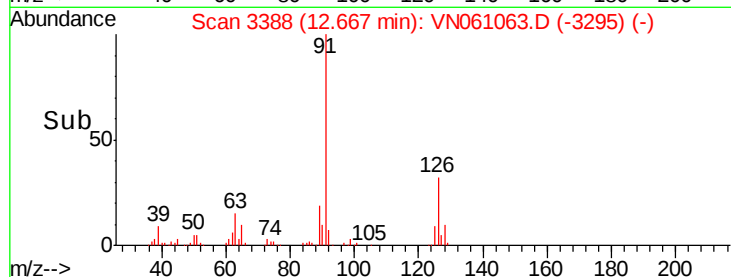
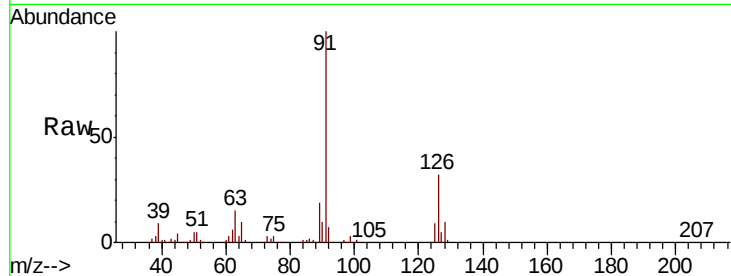




#79
 2-Chlorotoluene
 Concen: 46.291 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

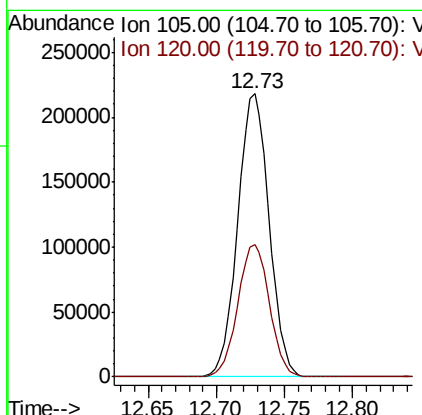
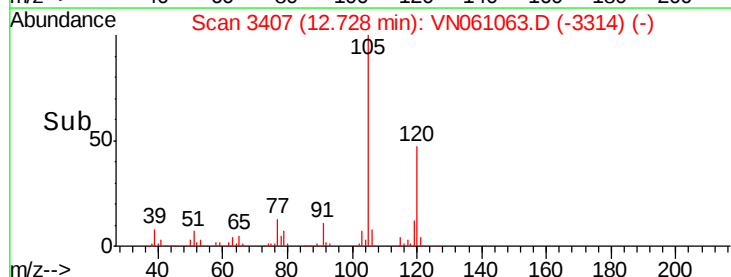
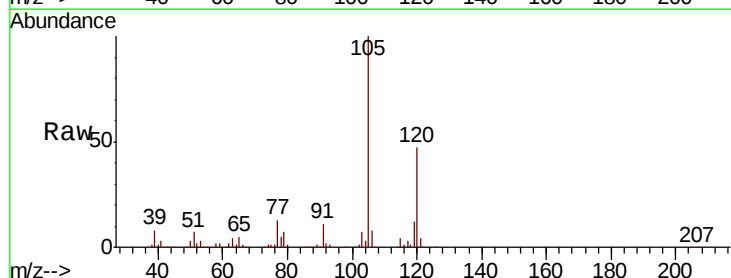
Instrument :
 MSVOA_N
 ClientSampled :

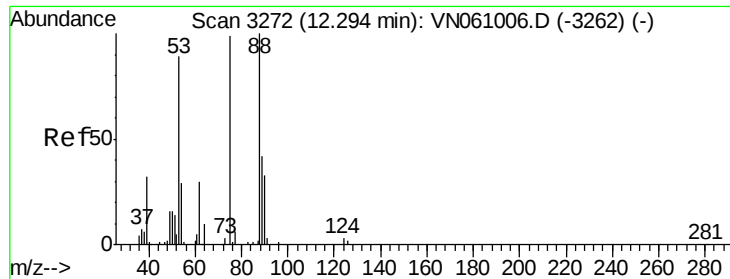
Tot Ion: 91 Resp: 285117
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 46.811 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion: 105 Resp: 347304
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.061 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

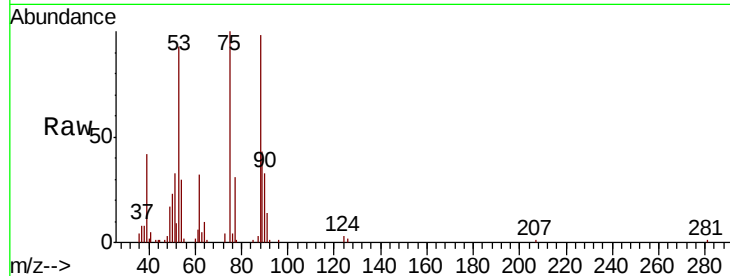
Tot Ion: 75 Resp: 45021

Ion Ratio Lower Upper

75 100

53 95.6 74.7 112.1

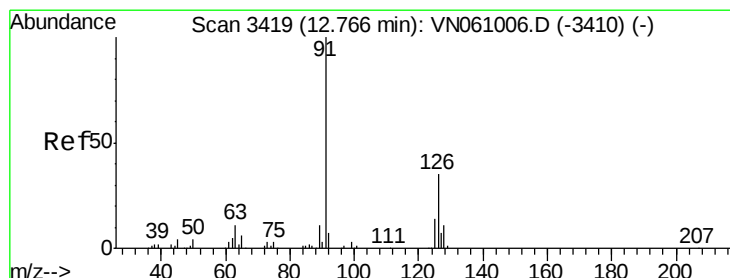
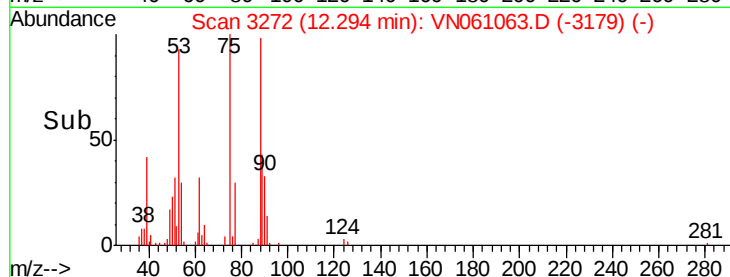
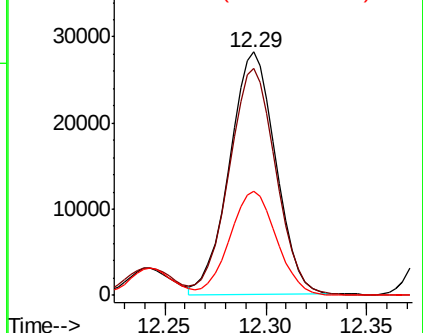
89 43.3 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN061006.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN061006.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 46.099 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061063.D

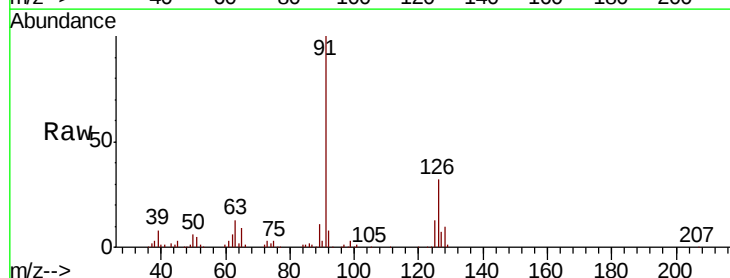
Acq: 17 Apr 2020 19:55

Tgt Ion: 91 Resp: 294480

Ion Ratio Lower Upper

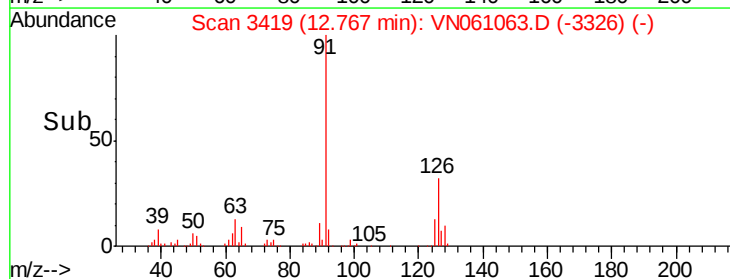
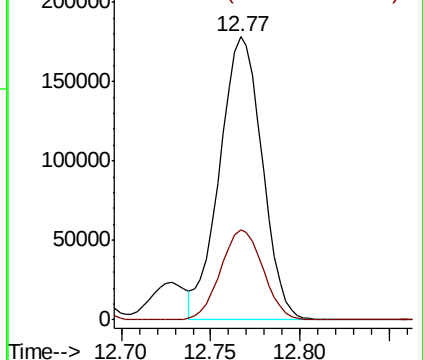
91 100

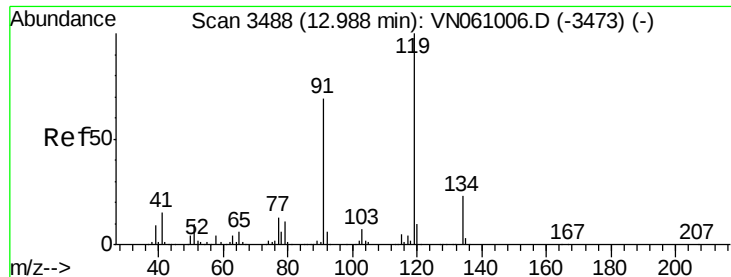
126 31.8 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN061006.D (-3410) (-)

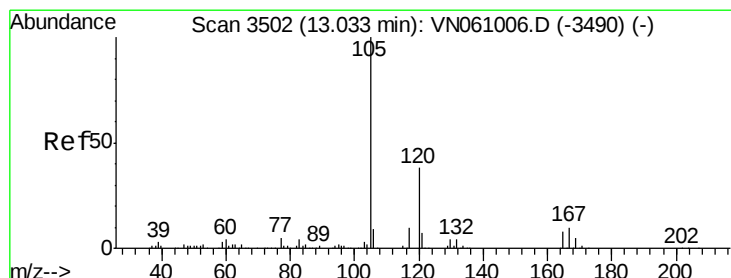
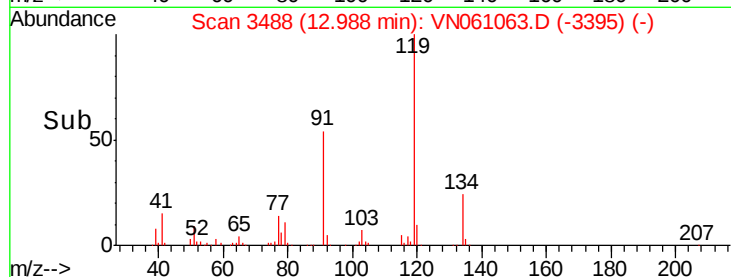
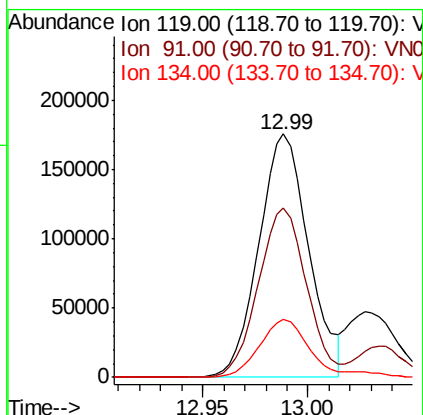
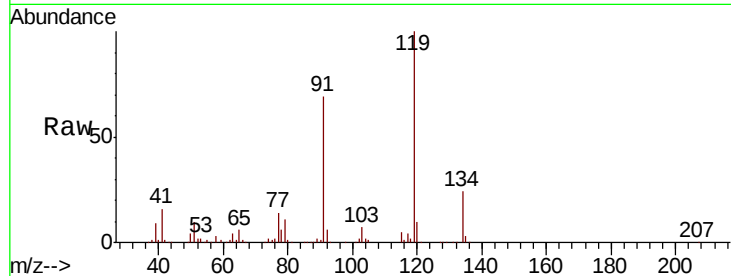




#83
tert-Butylbenzene
Concen: 46.244 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

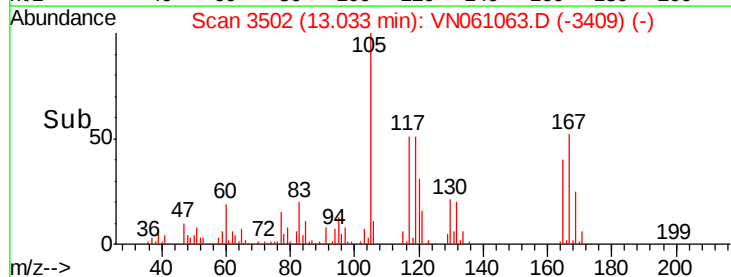
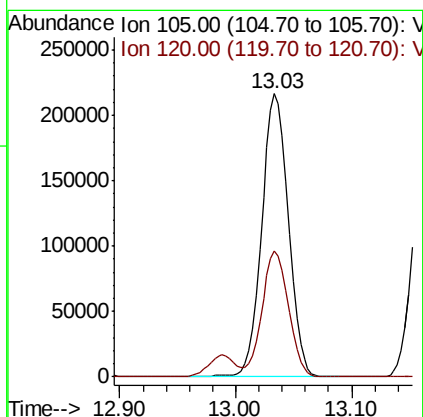
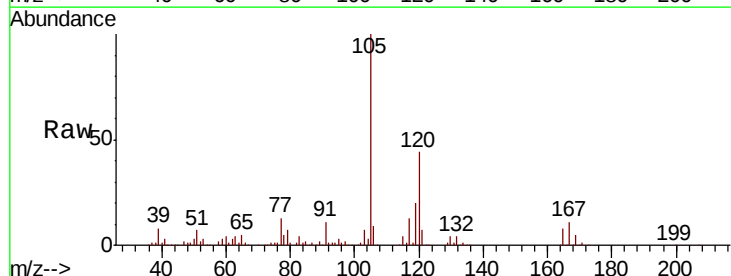
Instrument :
MSVOA_N
ClientSampleId :

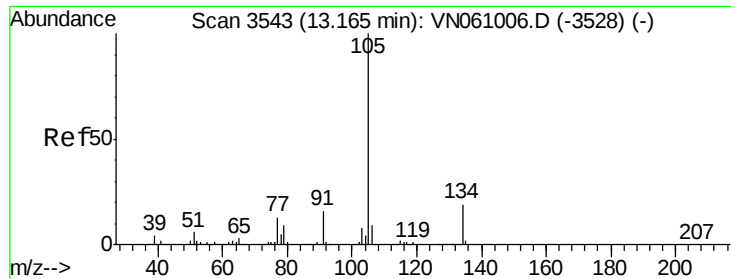
Tot Ion:119 Resp: 288541
Ion Ratio Lower Upper
119 100
91 67.9 34.1 102.3
134 24.9 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 47.278 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:105 Resp: 346725
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 45.861 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA_N

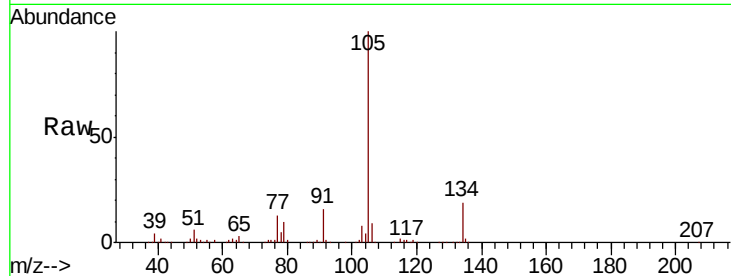
ClientSampled :

Tot Ion:105 Resp: 387720

Ion Ratio Lower Upper

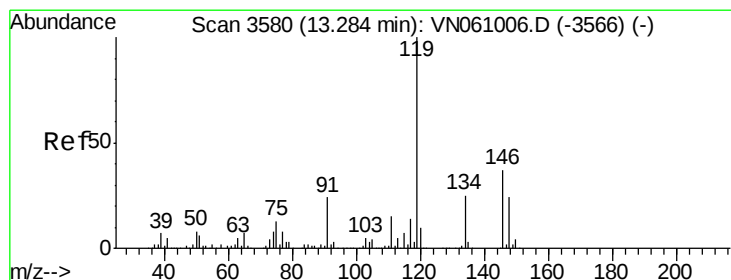
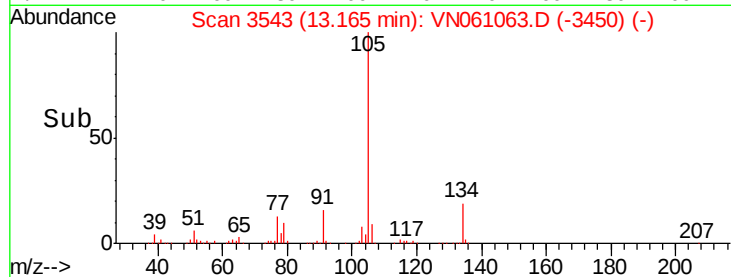
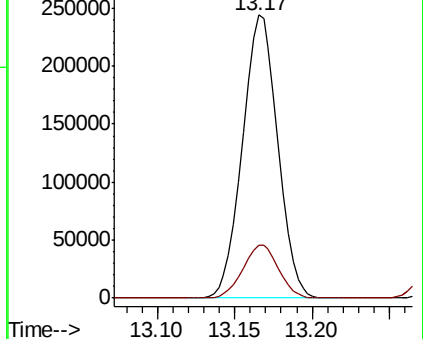
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.034 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

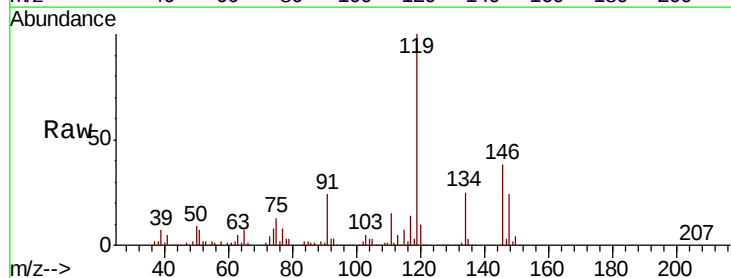
Tgt Ion:119 Resp: 346557

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

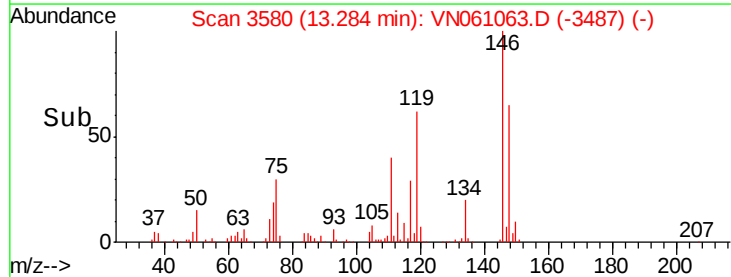
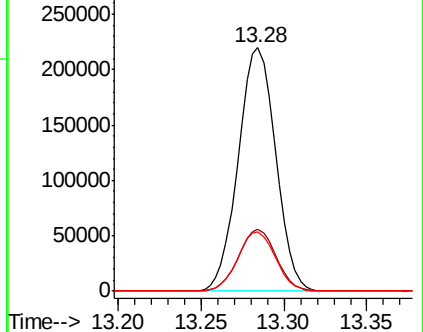
91 24.4 12.3 36.8

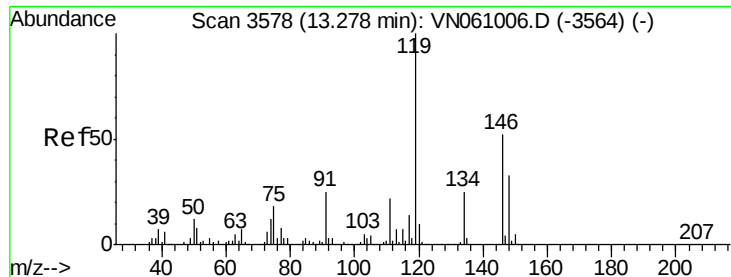


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

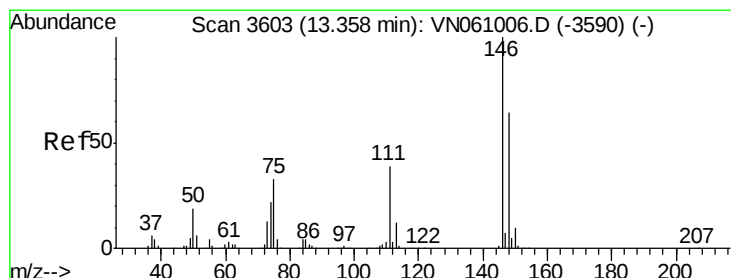
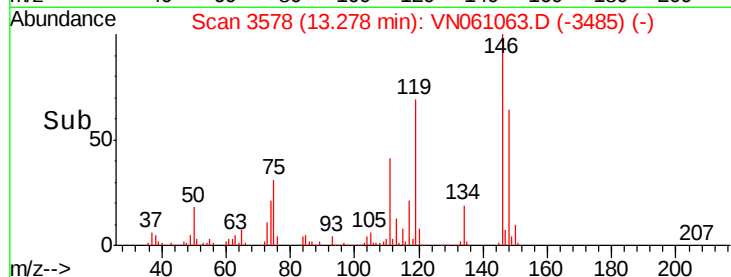
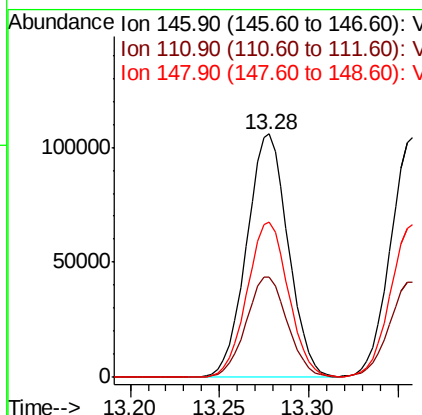
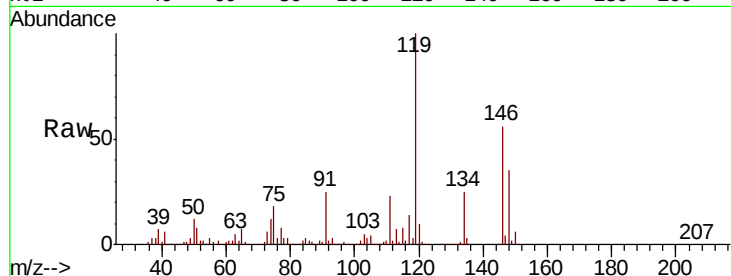




#87
 1,3-Dichlorobenzene
 Concen: 45.978 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

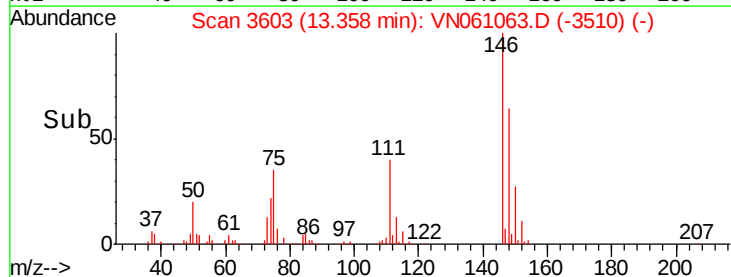
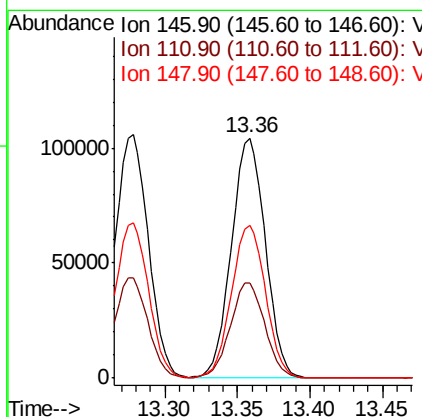
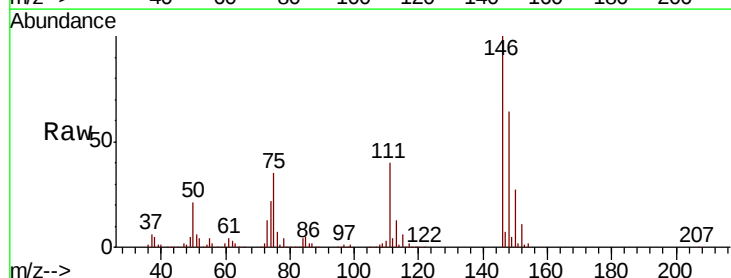
Instrument :
 MSVOA_N
 ClientSampled :

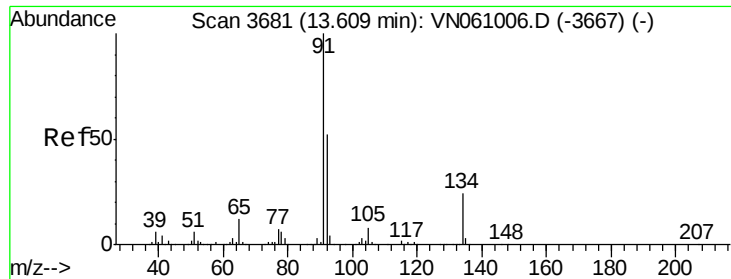
Tot Ion:146 Resp: 171724
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.320 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion:146 Resp: 170285
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.3
 148 63.9 32.1 96.3

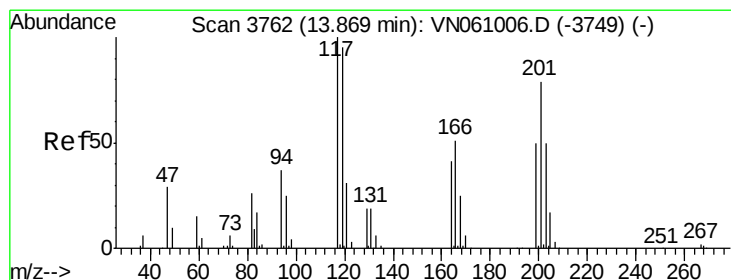
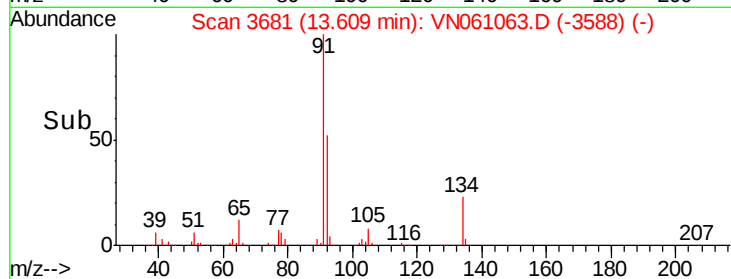
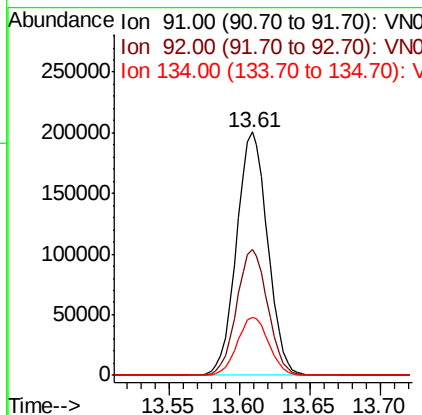
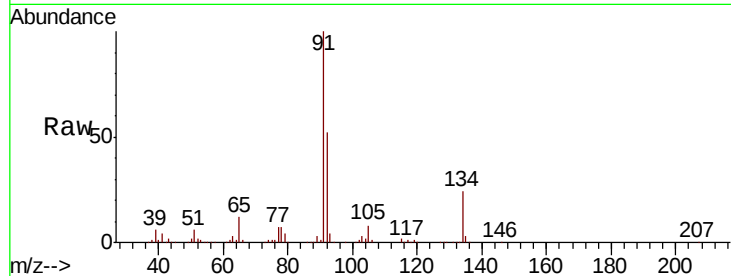




#89
n-Butylbenzene
Concen: 44.302 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

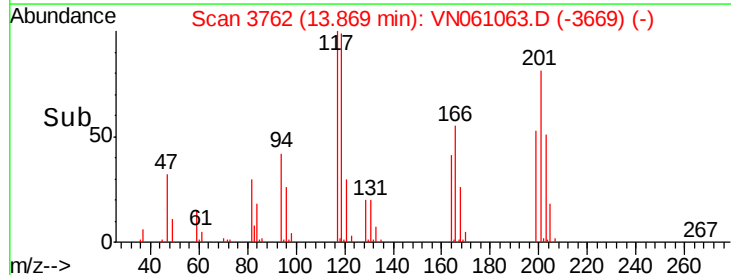
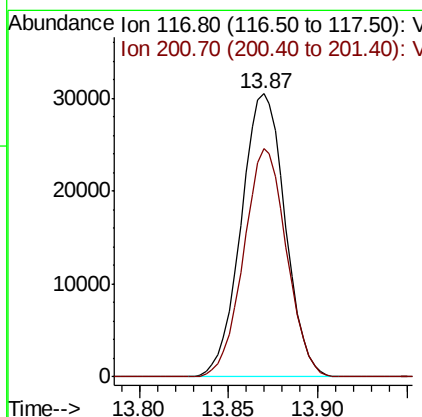
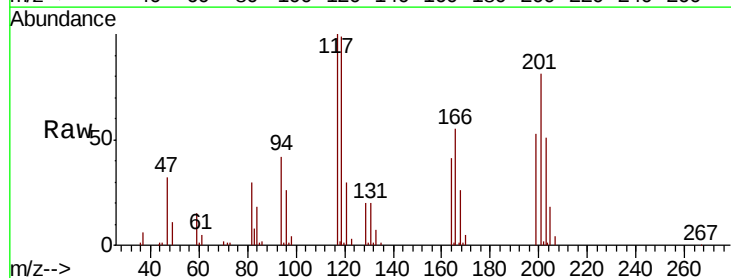
Instrument :
MSVOA_N
ClientSampled :

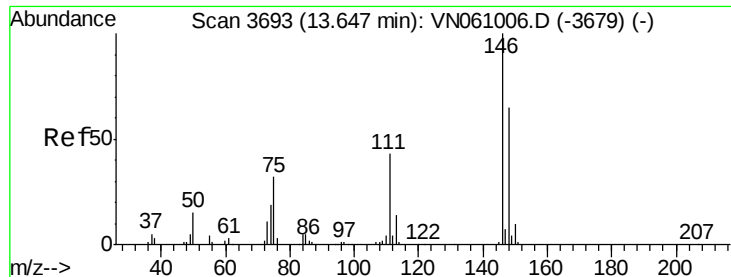
Tot Ion: 91 Resp: 310144
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 45.420 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion: 117 Resp: 52460
Ion Ratio Lower Upper
117 100
201 78.6 39.3 117.9

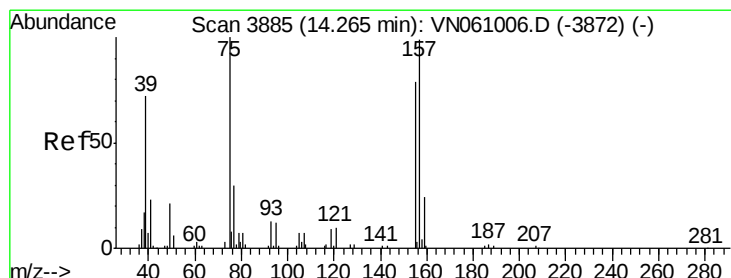
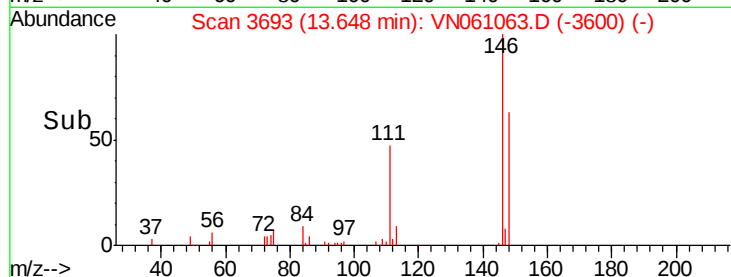
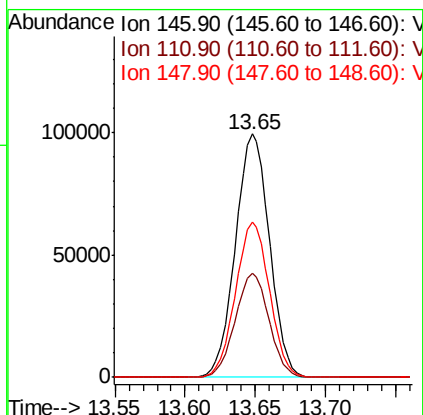
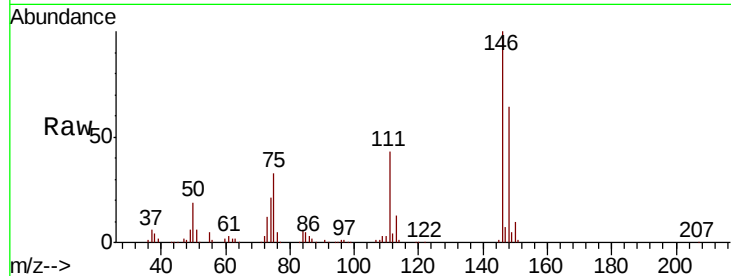




#91
 1,2-Dichlorobenzene
 Concen: 47.273 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

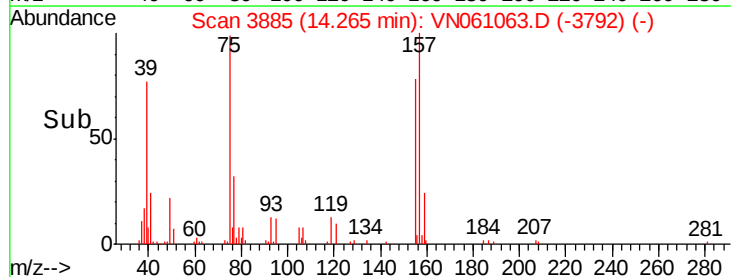
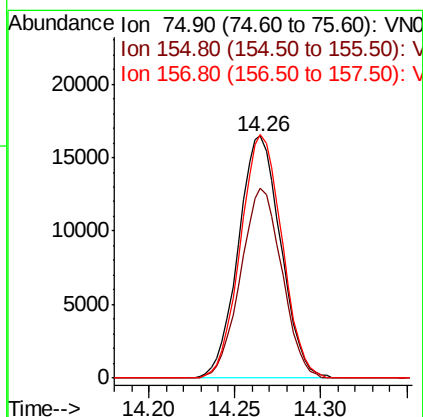
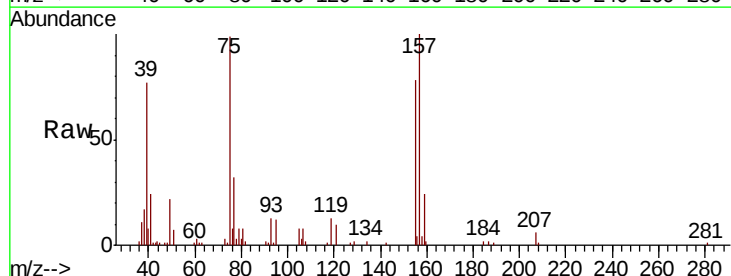
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	64.0
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.085 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	39.5	118.5
157	98.5	50.1	150.4

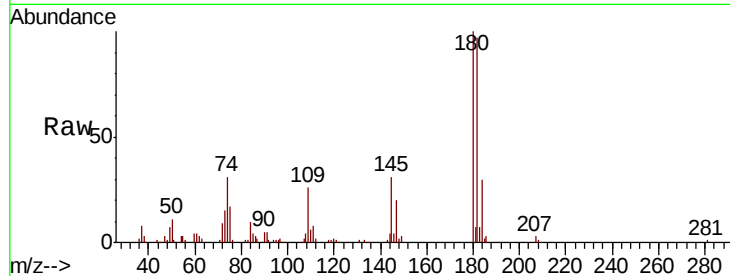




#93
 1,2,4-Trichlorobenzene
 Concen: 45.198 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	30.4	15.3	45.8

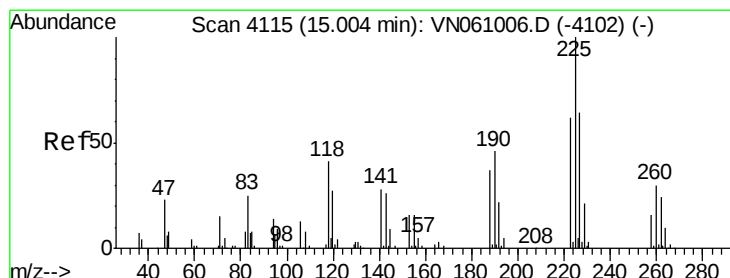
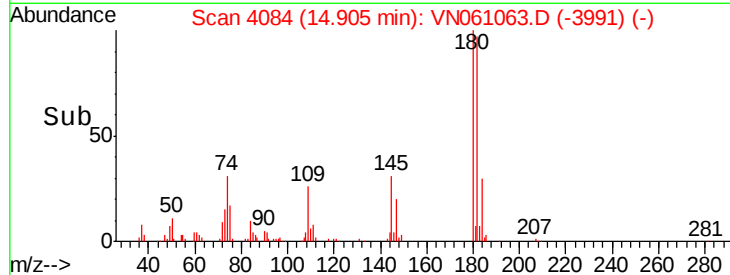
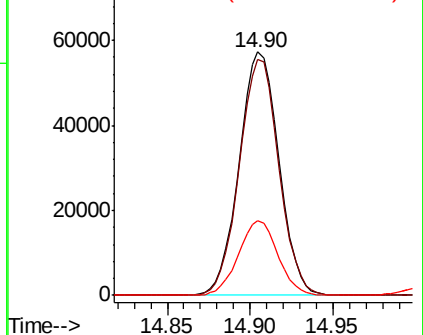


Abundance

Ion 179.80 (179.50 to 180.50): V

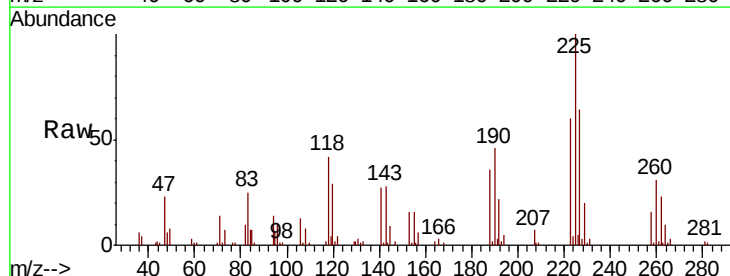
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 40.844 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061063.D
 Acq: 17 Apr 2020 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.3	93.8
227	63.1	31.9	95.5

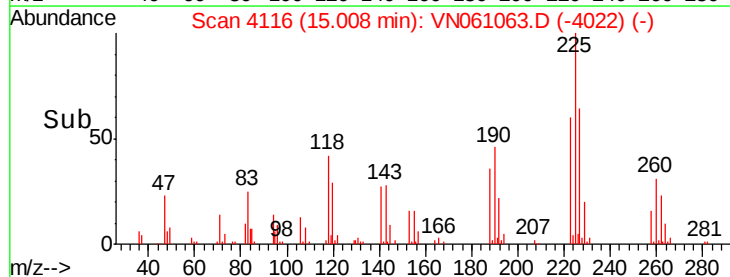
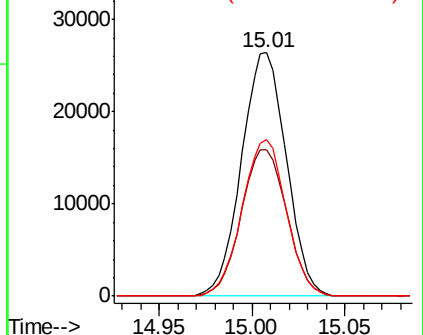


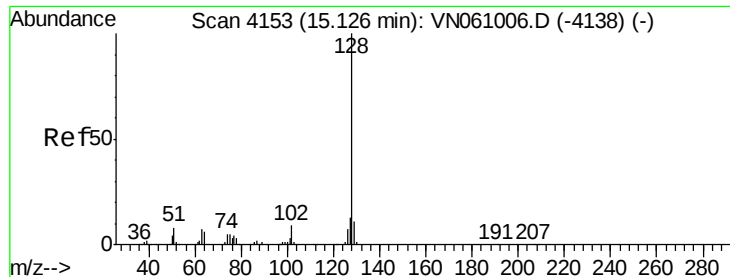
Abundance

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

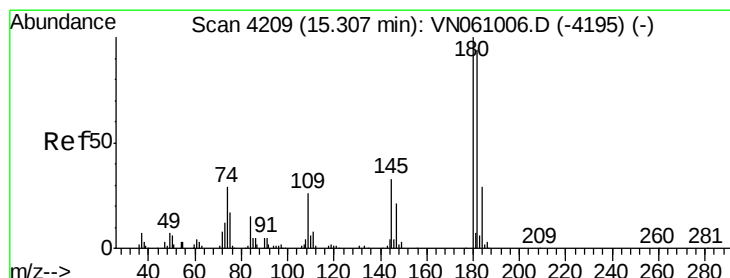
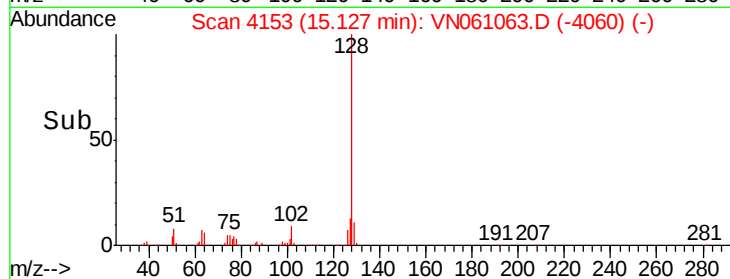
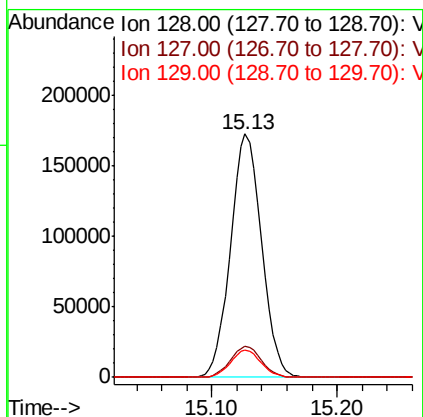
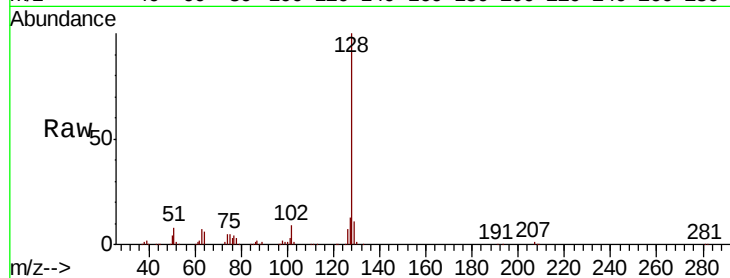




#95
Naphthalene
Concen: 48.297 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 297179
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.796 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN061063.D
Acq: 17 Apr 2020 19:55

Tgt Ion:180 Resp: 93116
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.8
145 32.6 16.4 49.2

