

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061006.D
 Acq On : 16 Apr 2020 12:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 12:51:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	172444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124549	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	104892	45.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.82%	
35) Dibromofluoromethane	7.56	113	81229	47.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.48%	
50) Toluene-d8	10.08	98	300124	43.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.39	95	118575	46.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	117159	66.226	ug/l	100
3) Chloromethane	2.04	50	156921	50.250	ug/l	100
4) Vinyl Chloride	2.17	62	129302	52.553	ug/l	100
5) Bromomethane	2.54	94	63757	58.130	ug/l	100
6) Chloroethane	2.69	64	76603	54.038	ug/l	100
7) Trichlorofluoromethane	3.00	101	162963	53.587	ug/l	100
8) Diethyl Ether	3.38	74	64258	52.833	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91843	52.416	ug/l	100
10) Methyl Iodide	3.93	142	81138	51.494	ug/l	100
11) Tert butyl alcohol	4.72	59	96113	269.481	ug/l	100
12) 1,1-Dichloroethene	3.71	96	94493	50.476	ug/l	100
13) Acrolein	3.57	56	78005	210.006	ug/l	100
14) Allyl chloride	4.29	41	173740	52.151	ug/l	100
15) Acrylonitrile	4.94	53	275253	266.291	ug/l	100
16) Acetone	3.78	43	256818	294.961	ug/l	100
17) Carbon Disulfide	4.03	76	292151	51.174	ug/l	100
18) Methyl Acetate	4.28	43	157719	63.482	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	328684	50.901	ug/l	100
20) Methylene Chloride	4.52	84	106113	51.235	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	100575	50.416	ug/l	100
22) Diisopropyl ether	5.91	45	373379	53.315	ug/l	100
23) Vinyl Acetate	5.86	43	1485725	261.469	ug/l	100
24) 1,1-Dichloroethane	5.81	63	200853	52.631	ug/l	100
25) 2-Butanone	6.79	43	385218	278.225	ug/l	100
26) 2,2-Dichloropropane	6.79	77	169122	55.459	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	116021	51.038	ug/l	100
28) Bromochloromethane	7.17	49	94051	51.780	ug/l	100
29) Tetrahydrofuran	7.17	42	256577	264.193	ug/l	100
30) Chloroform	7.34	83	187928	51.510	ug/l	100
31) Cyclohexane	7.63	56	196736	50.889	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	162110	51.741	ug/l	100
36) 1,1-Dichloropropene	7.77	75	149988	53.205	ug/l	100
37) Ethyl Acetate	6.89	43	160831	52.532	ug/l	100
38) Carbon Tetrachloride	7.75	117	131254	52.274	ug/l	100

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39) Methylcyclohexane	9.06	83	181910	54.088	ug/l	100
40) Benzene	8.02	78	442447	52.050	ug/l	100
41) Methacrylonitrile	7.17	41	229237	175.254	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	152124	52.308	ug/l	100
43) Isopropyl Acetate	8.14	43	266948	53.020	ug/l	100
44) Trichloroethene	8.81	130	109804	51.487	ug/l	100
45) 1,2-Dichloropropane	9.10	63	118854	52.888	ug/l	100
46) Dibromomethane	9.19	93	71057	52.554	ug/l	100
47) Bromodichloromethane	9.38	83	149010	52.844	ug/l	100
48) Methyl methacrylate	9.18	41	121129	53.915	ug/l	100
49) 1,4-Dioxane	9.17	88	32172	1189.157	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	787459	274.362	ug/l	100
52) Toluene	10.14	92	269106	52.473	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	174614	53.873	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	189236	53.094	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	102992	52.206	ug/l	100
56) Ethyl methacrylate	10.42	69	169153	54.929	ug/l	100
57) 1,3-Dichloropropane	10.70	76	181650	52.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	328077	223.312	ug/l	100
59) 2-Hexanone	10.74	43	574289	277.864	ug/l	100
60) Dibromochloromethane	10.89	129	107090	52.727	ug/l	100
61) 1,2-Dibromoethane	10.99	107	104343	52.773	ug/l	100
64) Tetrachloroethene	10.62	164	100675	48.534	ug/l	100
65) Chlorobenzene	11.42	112	272399	51.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	98059	51.343	ug/l	100
67) Ethyl Benzene	11.50	91	517069	52.627	ug/l	100
68) m/p-Xylenes	11.61	106	374634	103.023	ug/l	100
69) o-Xylene	11.94	106	179504	51.722	ug/l	100
70) Styrene	11.96	104	301336	53.031	ug/l	100
71) Bromoform	12.12	173	77156	54.206	ug/l #	100
73) Isopropylbenzene	12.24	105	485382	51.633	ug/l	100
74) N-amyl acetate	12.06	43	231817	53.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	150105	52.531	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	206826	76.678	ug/l #	100
77) Bromobenzene	12.52	156	112646	49.919	ug/l	100
78) n-propylbenzene	12.58	91	585099	52.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	336818	50.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	413281	51.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55076	52.169	ug/l	100
82) 4-Chlorotoluene	12.77	91	351736	51.961	ug/l	100
83) tert-Butylbenzene	12.99	119	342962	51.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	410647	52.032	ug/l	100
85) sec-Butylbenzene	13.17	105	472152	52.917	ug/l	100
86) p-Isopropyltoluene	13.28	119	420553	52.466	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	205516	51.451	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	204579	51.050	ug/l	100
89) n-Butylbenzene	13.61	91	397093	54.599	ug/l	100
90) Hexachloroethane	13.87	117	64155	54.893	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	196301	51.545	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30809	48.121	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Apr 16 12:43:37 2020
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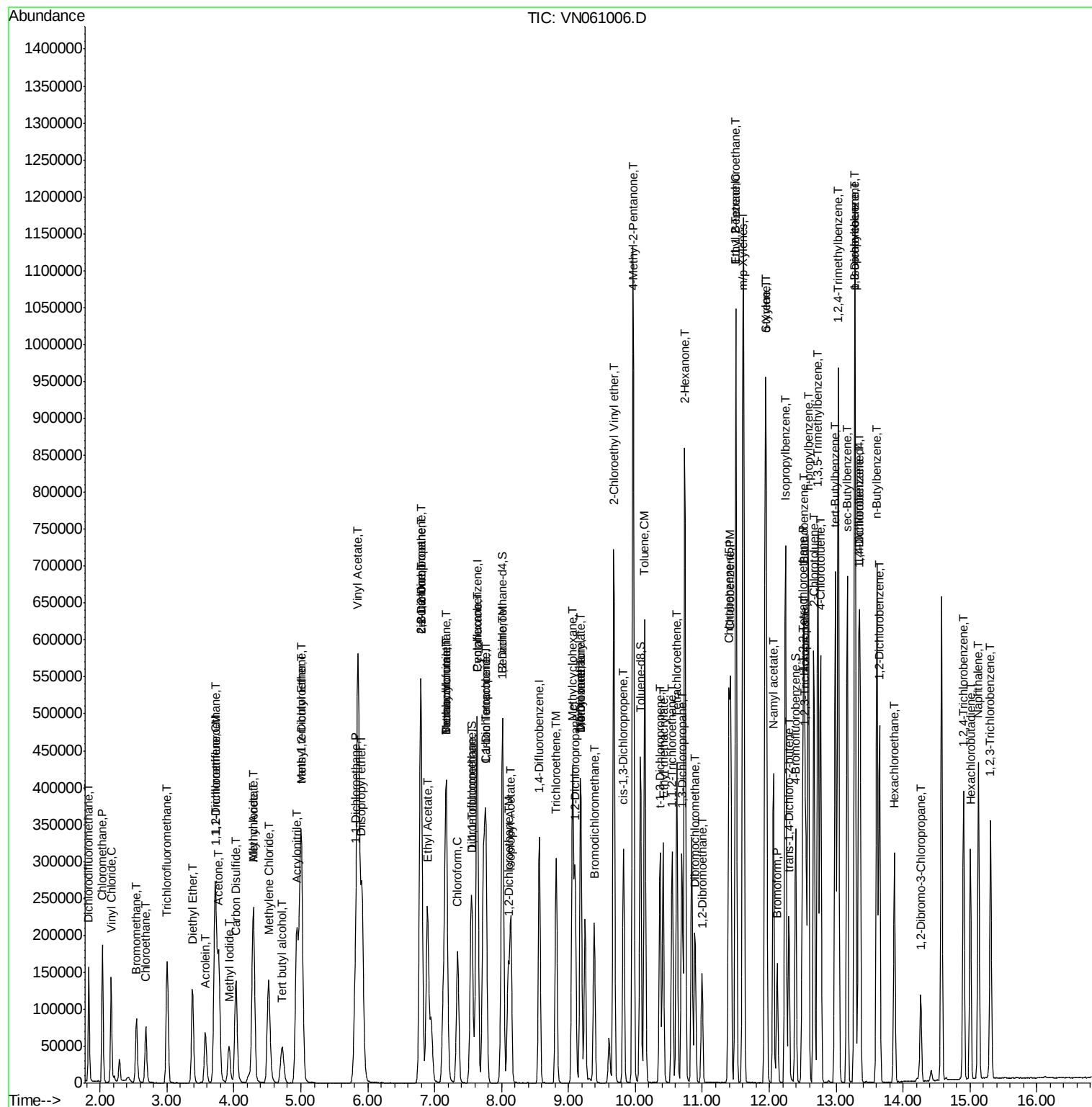
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	122532	52.423	ug/l	100
94) Hexachlorobutadiene	15.00	225	60436	52.306	ug/l	100
95) Naphthalene	15.13	128	357783	51.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	117386	50.977	ug/l	100

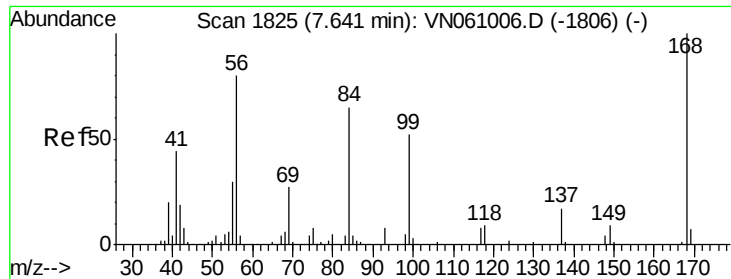
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

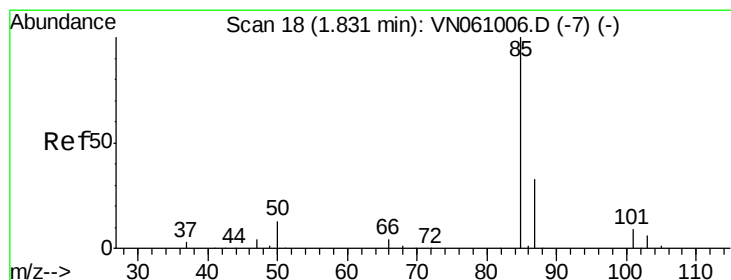
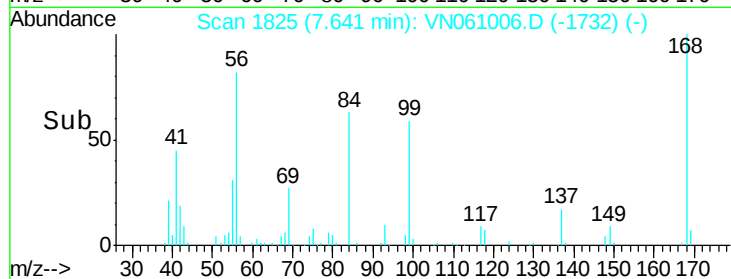
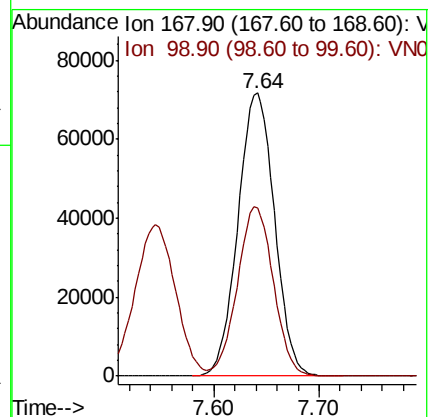
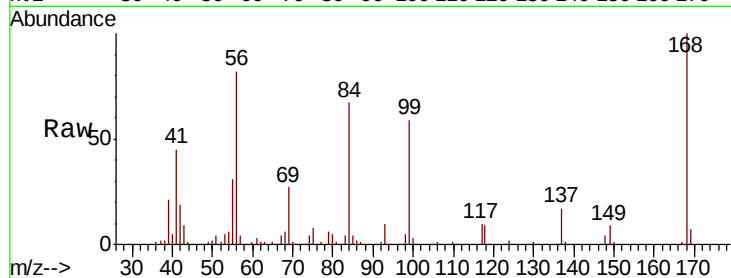
ClientSampled :

Tot Ion:168 Resp: 172444

Ion Ratio Lower Upper

168 100

99 59.3 47.4 71.2



#2

Dichlorodifluoromethane

Concen: 66.226 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061006.D

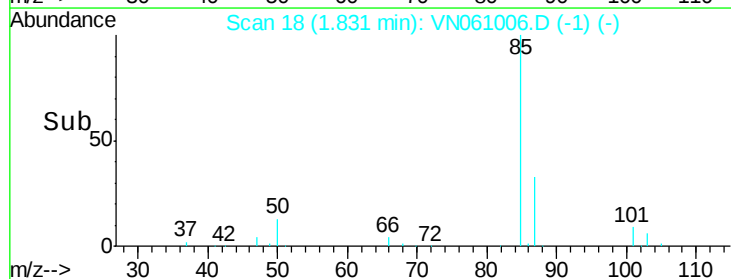
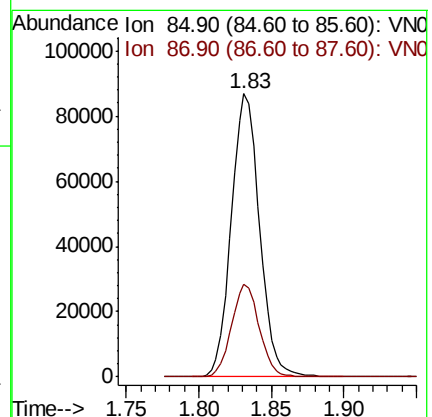
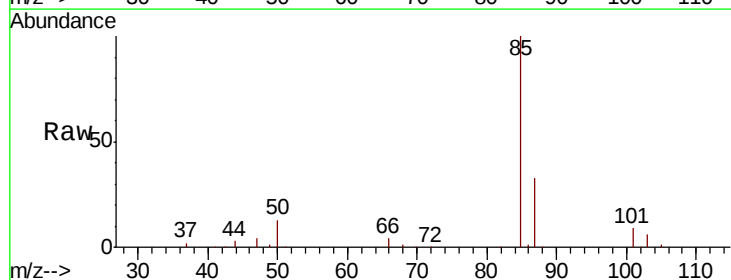
Acq: 16 Apr 2020 12:18

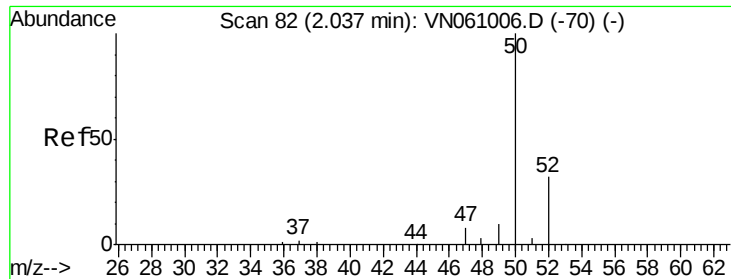
Tgt Ion: 85 Resp: 117159

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9

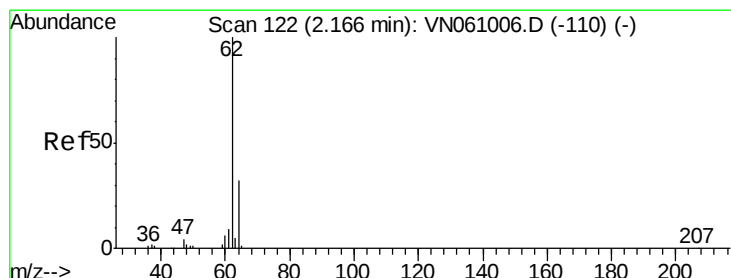
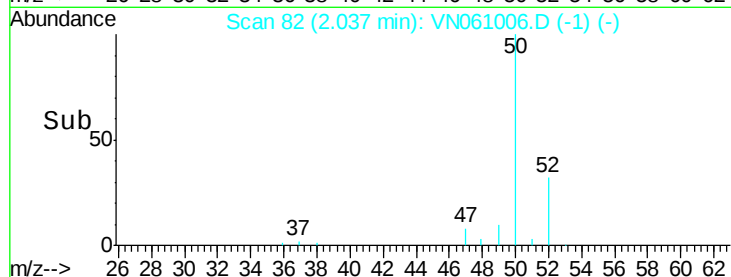
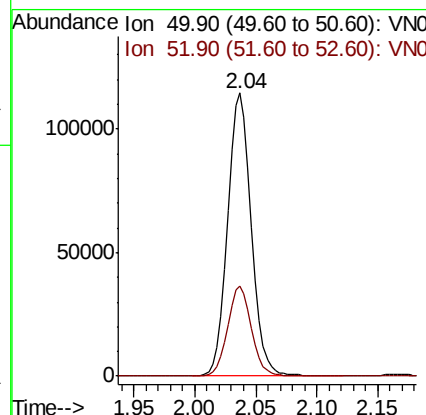
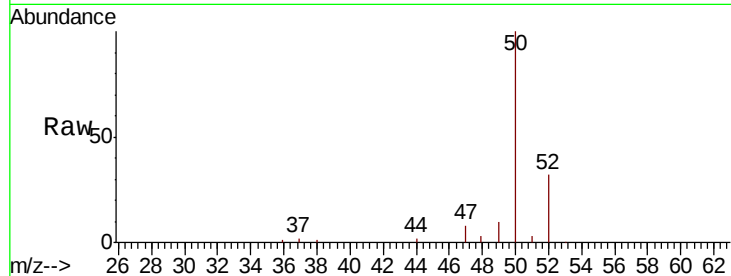




#3
 Chloromethane
 Concen: 50.250 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

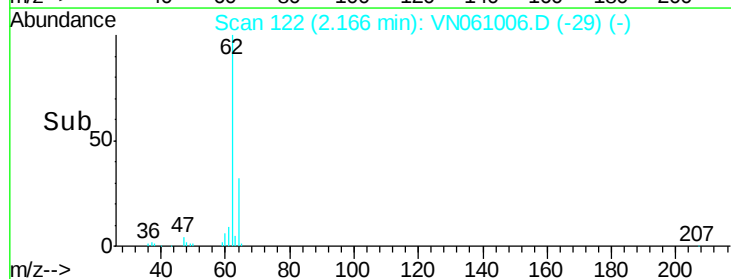
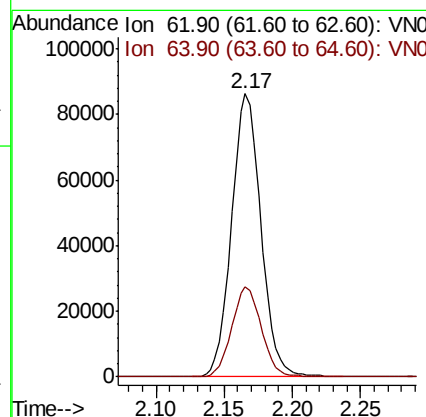
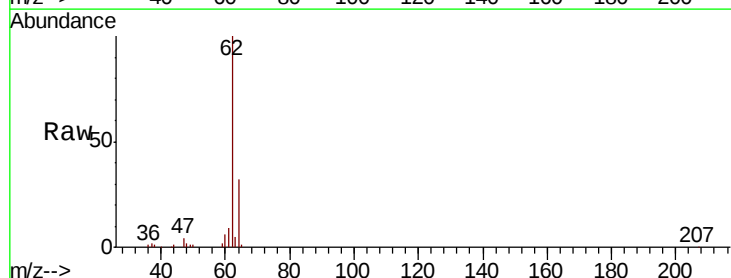
Instrument :
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 ClientSampleId :

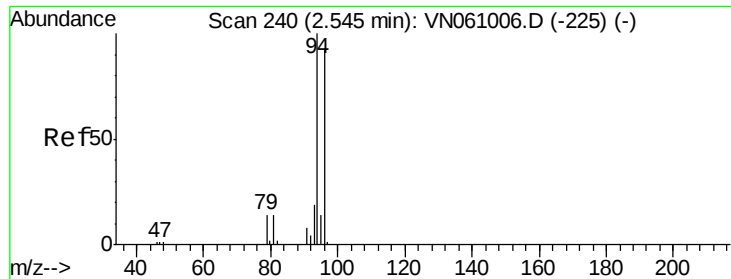
Tot Ion: 50 Resp: 156921
 Ion Ratio Lower Upper
 50 100
 52 32.0 25.6 38.4



#4
 Vinyl Chloride
 Concen: 52.553 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 62 Resp: 129302
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.4 38.0

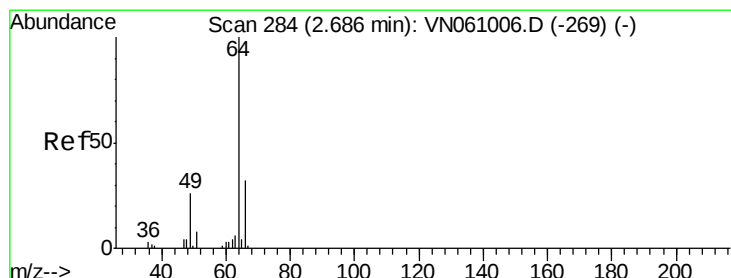
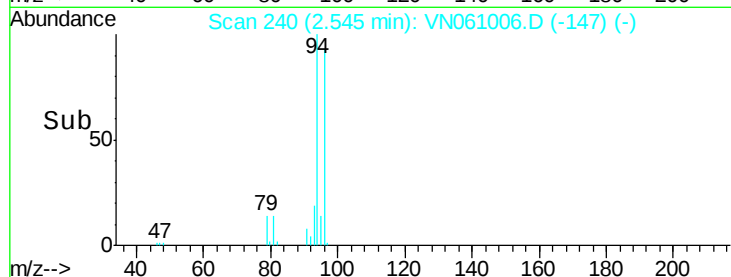
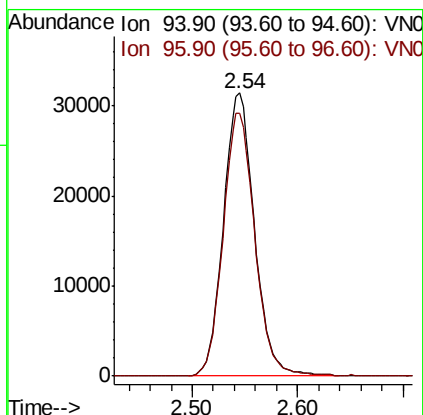
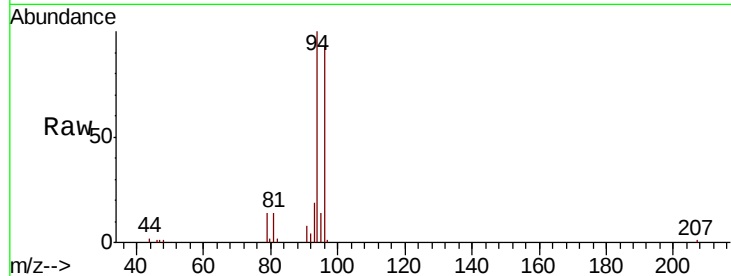




#5
Bromomethane
Concen: 58.130 ug/l
RT: 2.54 min Scan# 240
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

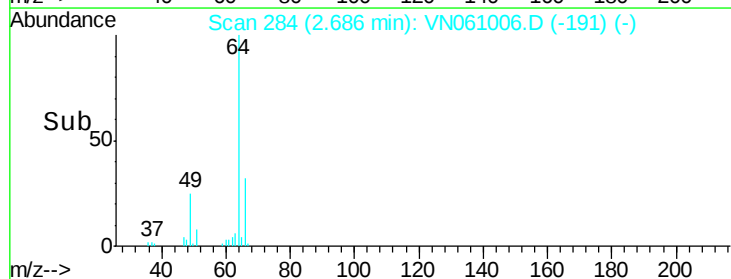
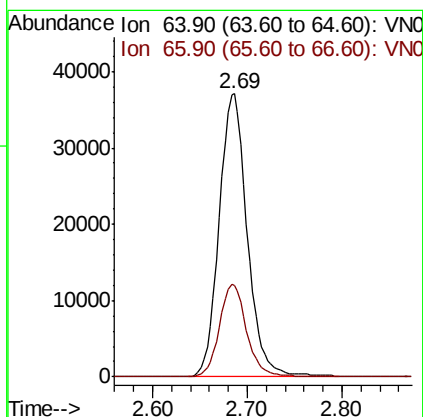
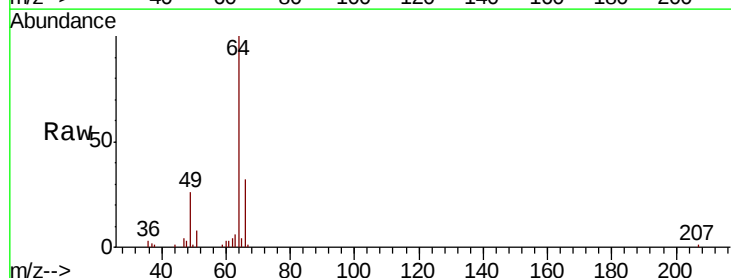
Instrument :
MSVOA_N
ClientSampled :

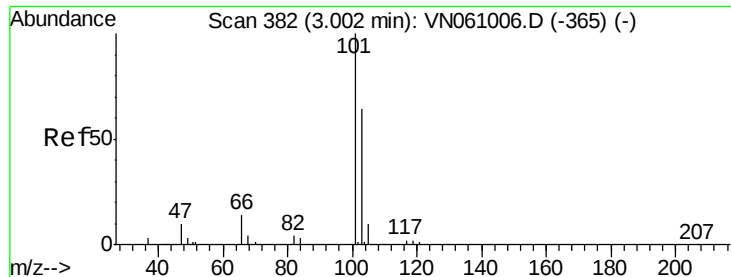
Tot Ion: 94 Resp: 63757
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 54.038 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 64 Resp: 76603
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



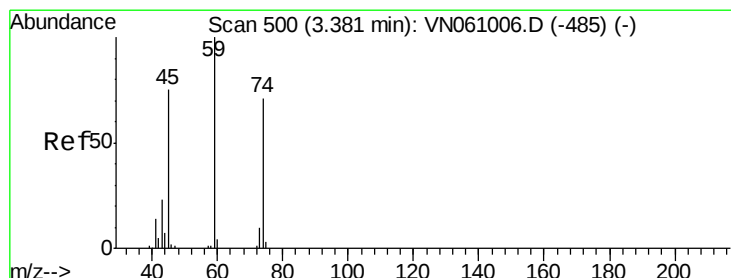
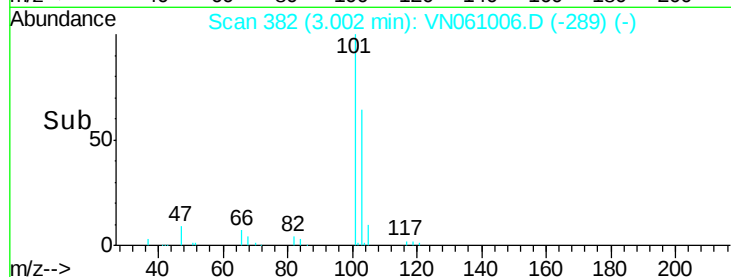
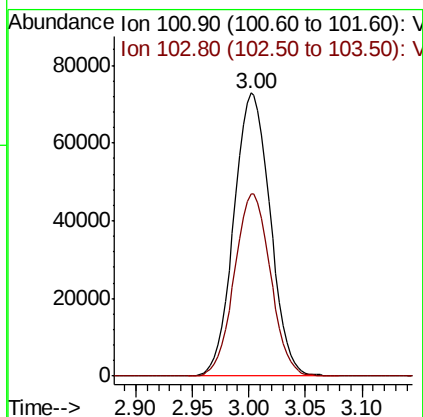
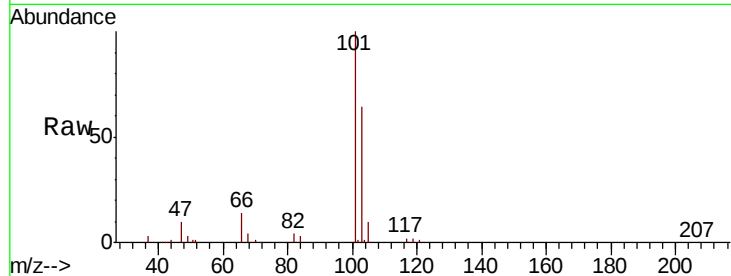


#7

Trichlorofluoromethane
Concen: 53.587 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :

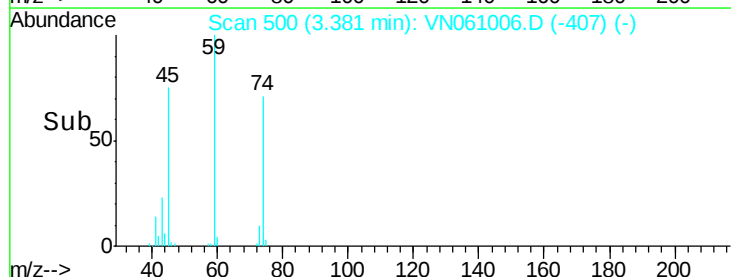
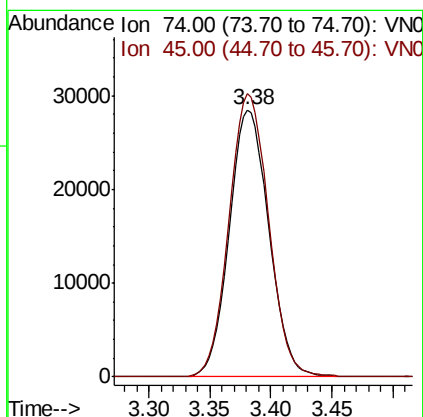
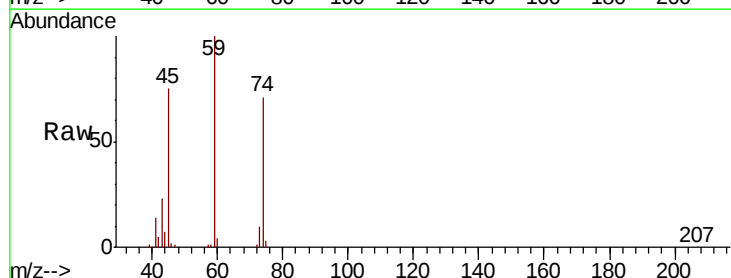
Tot Ion:101 Resp: 162963
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

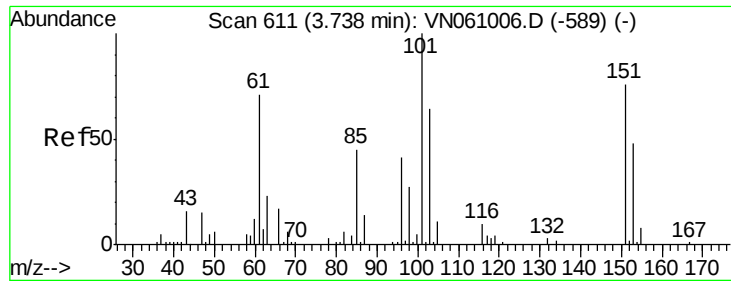


#8

Diethyl Ether
Concen: 52.833 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 74 Resp: 64258
Ion Ratio Lower Upper
74 100
45 105.9 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.416 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

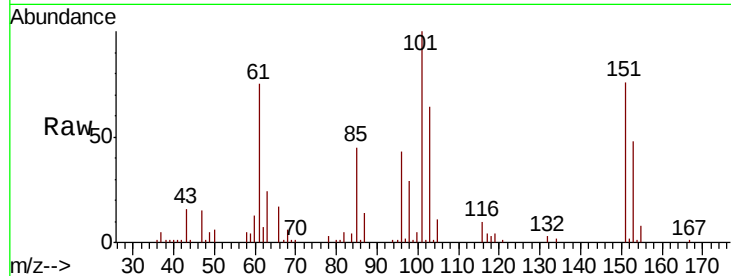
Tot Ion:101 Resp: 91843

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

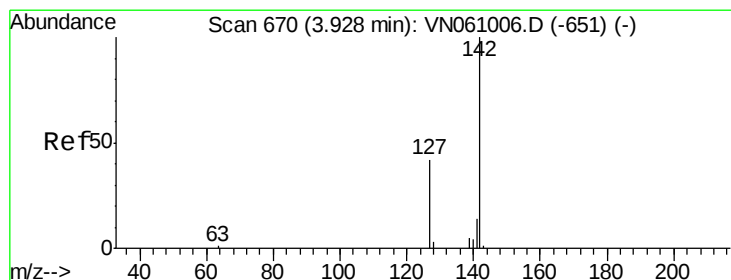
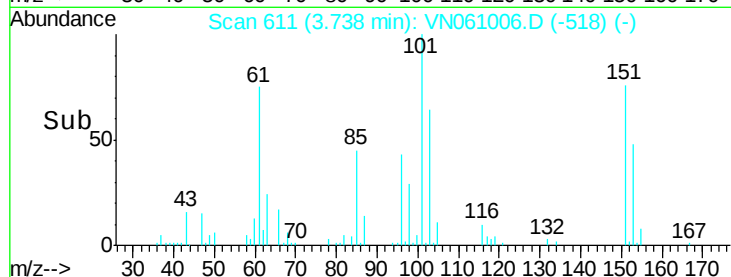
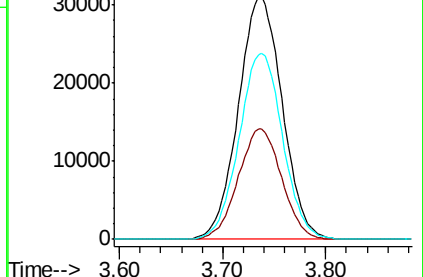
151 76.0 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.494 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

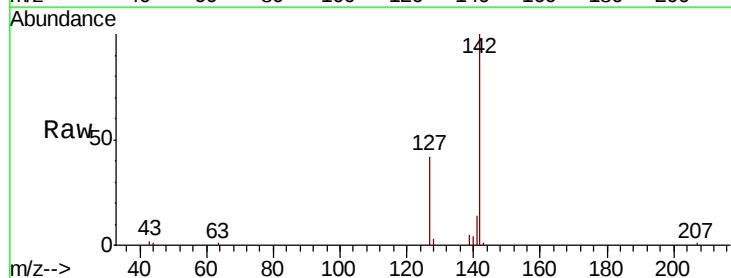
Tgt Ion:142 Resp: 81138

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.2

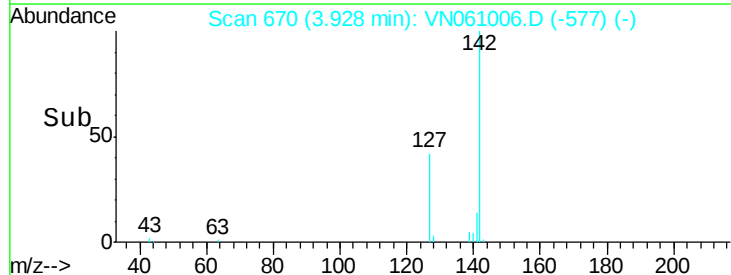
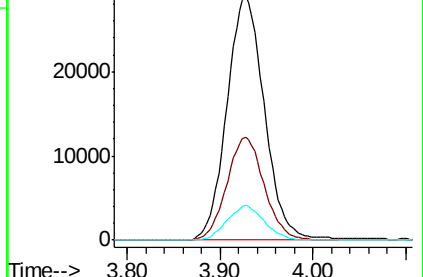
141 13.8 11.0 16.6

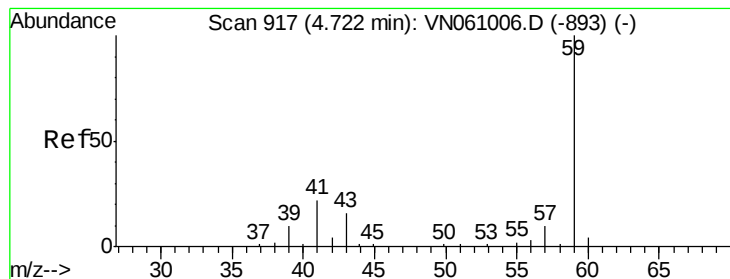


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



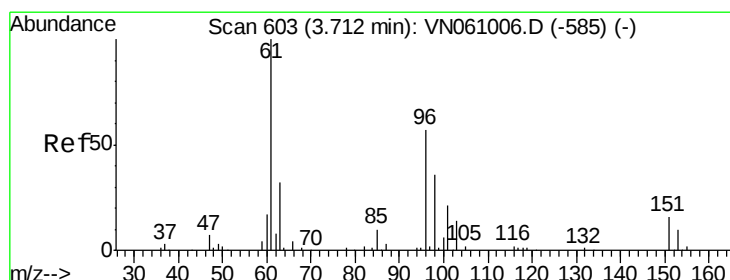
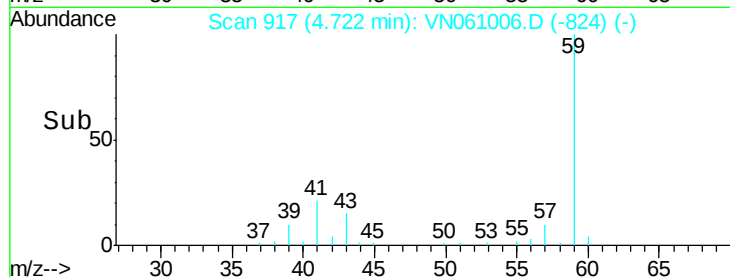
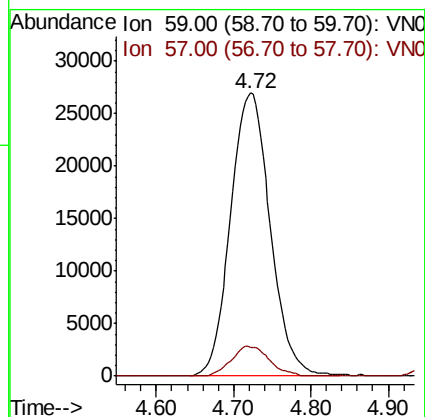
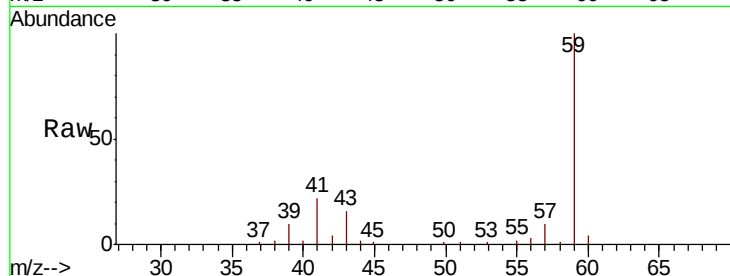


#11

Tert butyl alcohol
 Concen: 269.481 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :

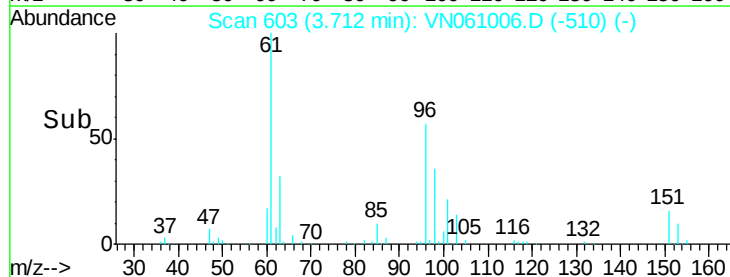
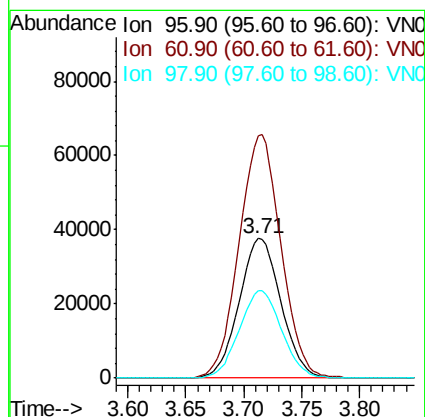
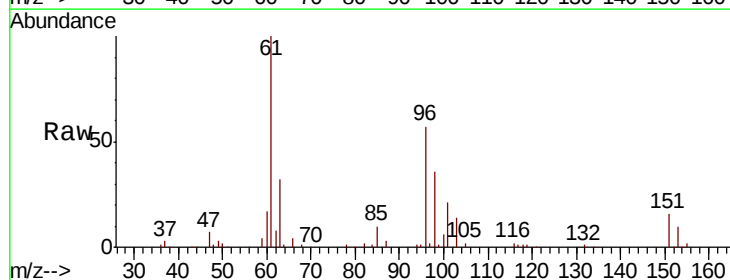
Tot Ion: 59 Resp: 96113
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

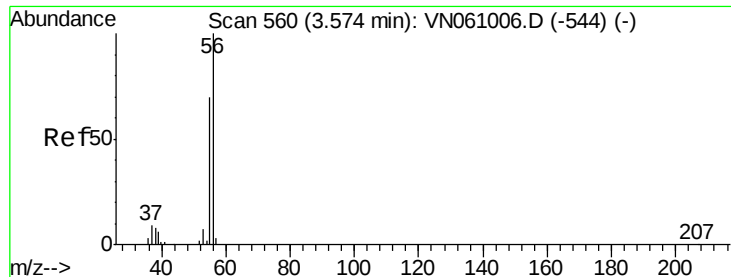


#12

1,1-Dichloroethene
 Concen: 50.476 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 96 Resp: 94493
 Ion Ratio Lower Upper
 96 100
 61 174.0 139.2 208.8
 98 62.5 50.0 75.0





#13

Acrolein

Concen: 210.006 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

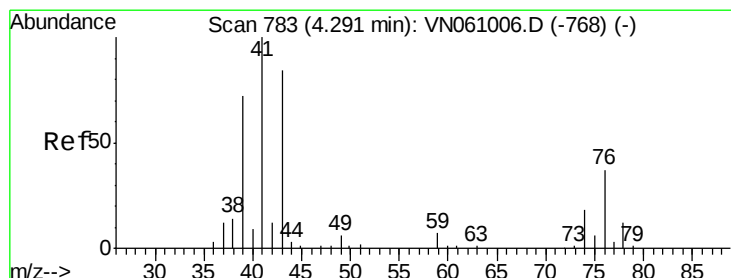
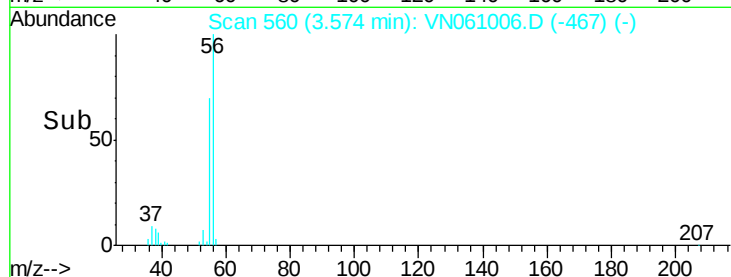
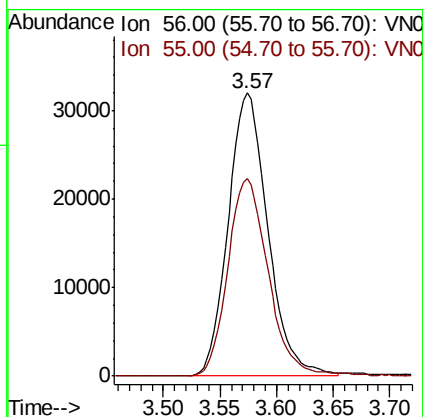
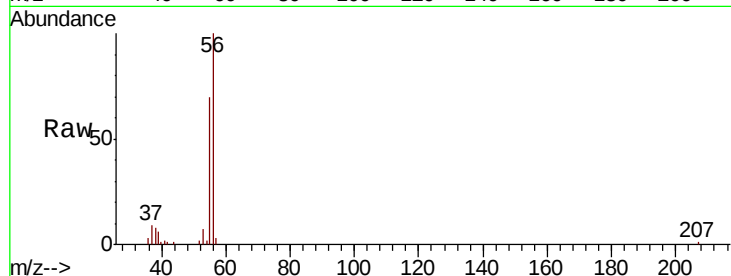
ClientSampleId :

Tot Ion: 56 Resp: 78005

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



#14

Allyl chloride

Concen: 52.151 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

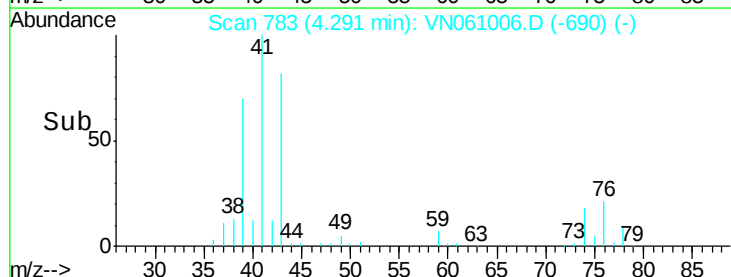
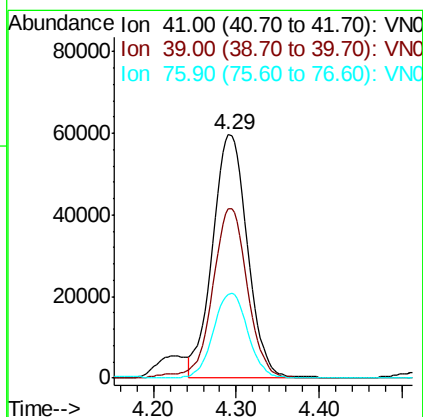
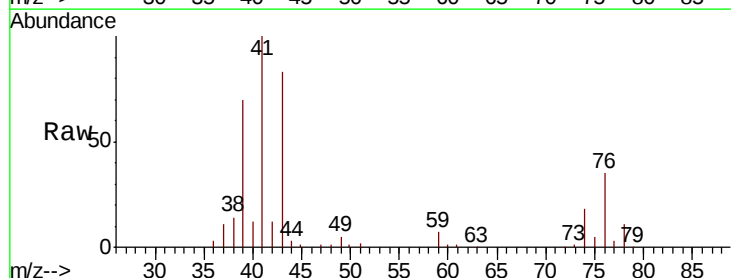
Tgt Ion: 41 Resp: 173740

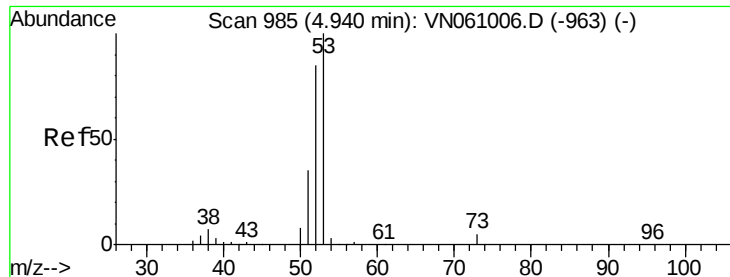
Ion Ratio Lower Upper

41 100

39 70.4 56.3 84.5

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 266.291 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

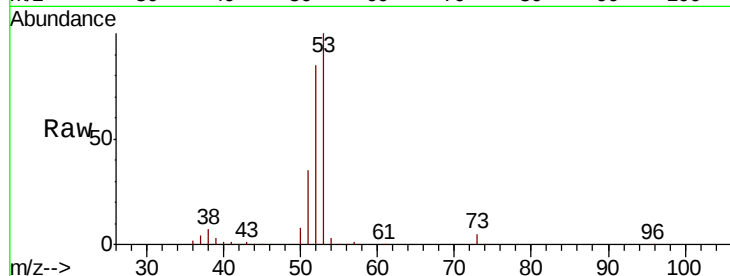
Tot Ion: 53 Resp: 275253

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

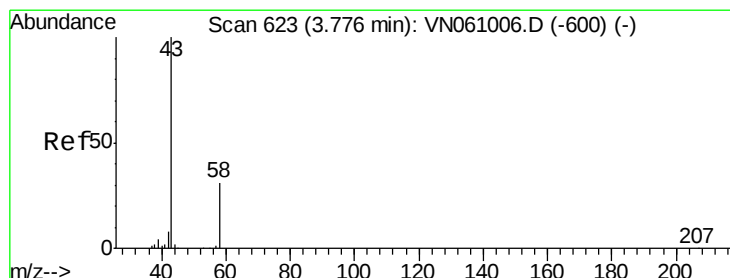
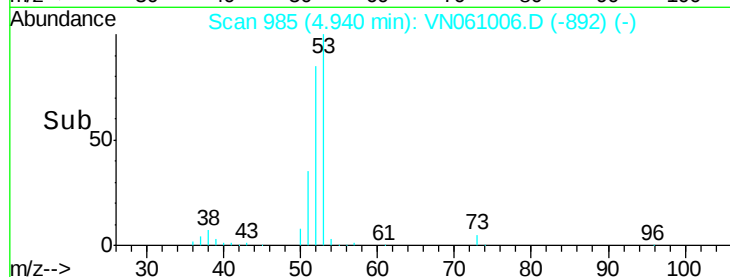
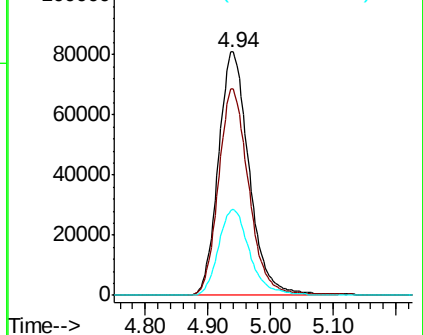
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061006.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061006.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061006.D (-963) (-)



#16

Acetone

Concen: 294.961 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061006.D

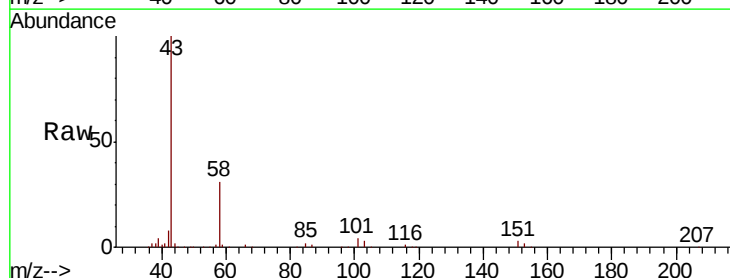
Acq: 16 Apr 2020 12:18

Tgt Ion: 43 Resp: 256818

Ion Ratio Lower Upper

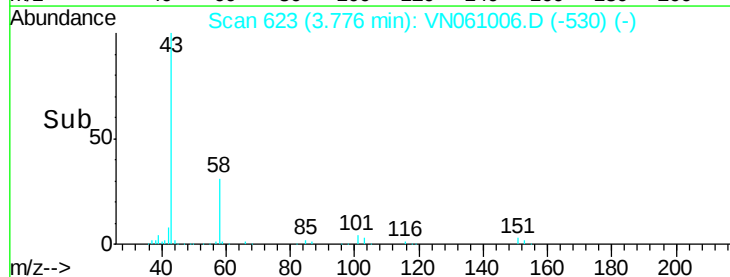
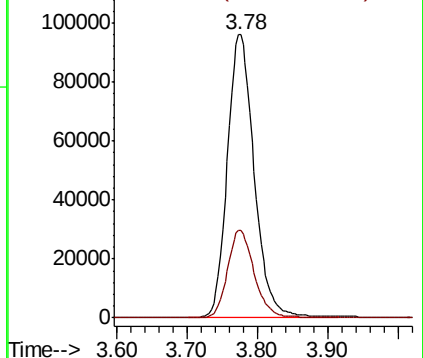
43 100

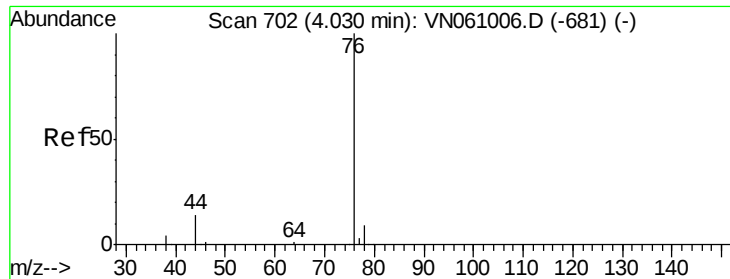
58 30.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

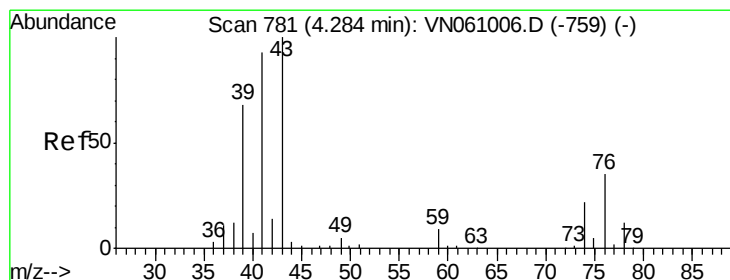
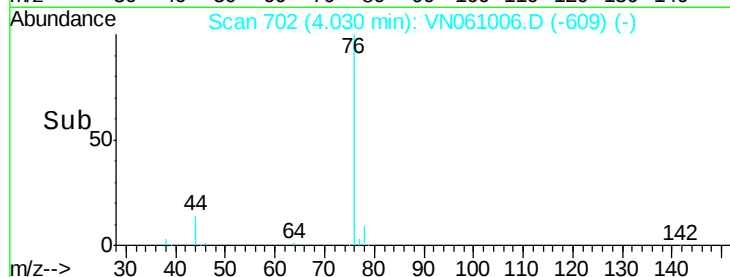
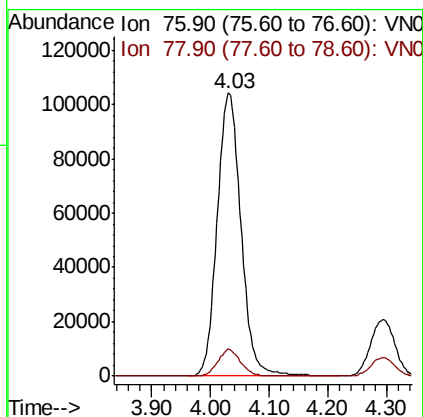
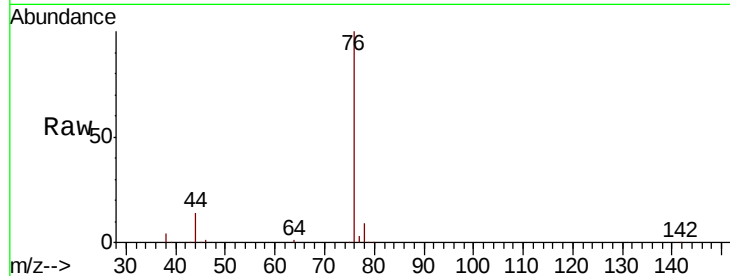




#17
Carbon Disulfide
Concen: 51.174 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

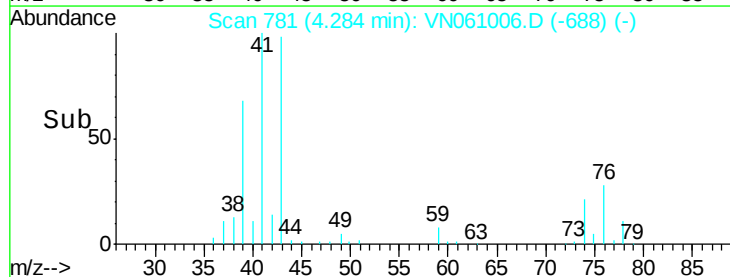
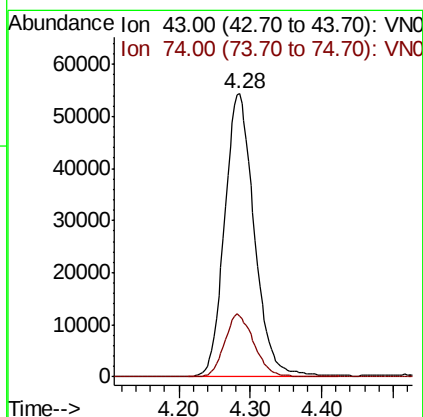
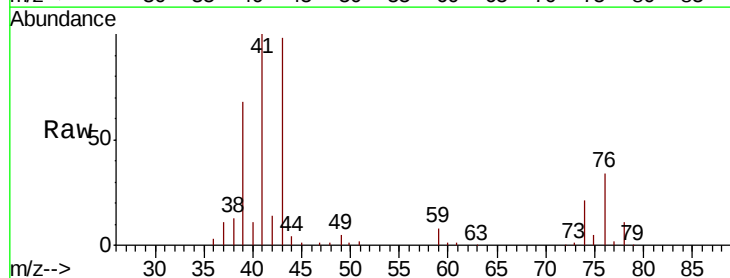
Instrument :
MSVOA_N
ClientSampled :

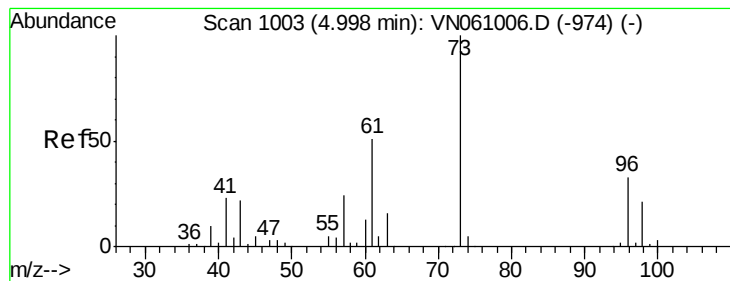
Tot Ion: 76 Resp: 292151
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 63.482 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 43 Resp: 157719
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0



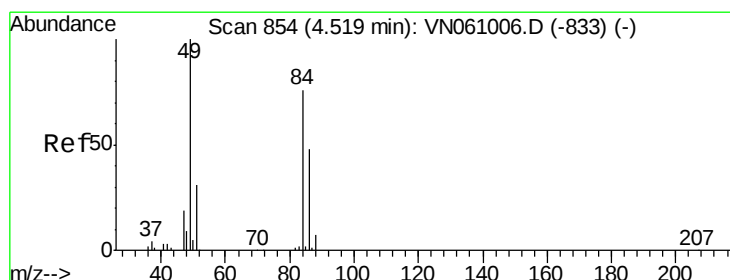
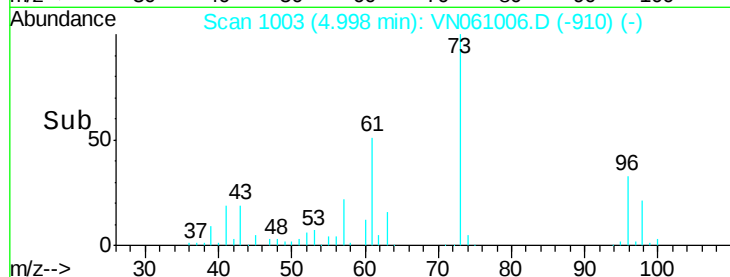
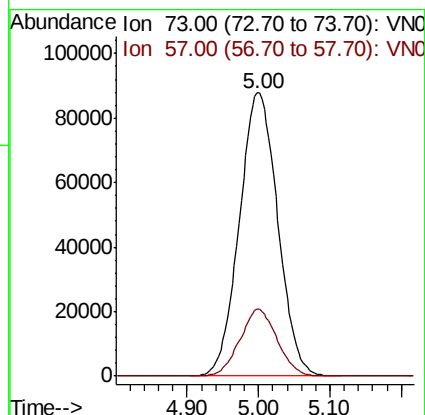
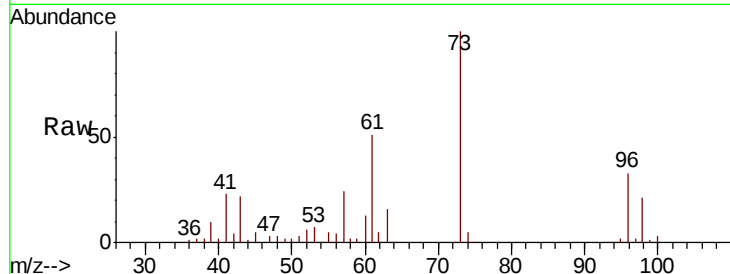


#19

Methyl tert-butyl Ether
 Concen: 50.901 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :

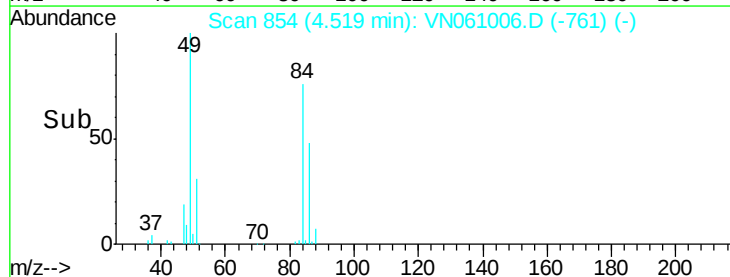
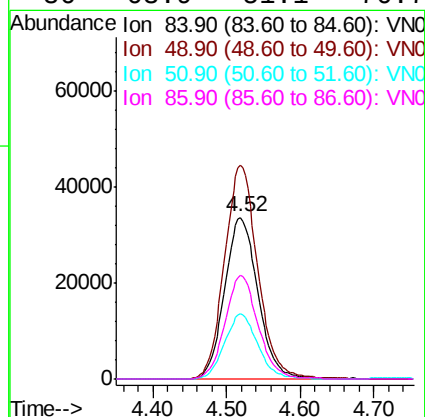
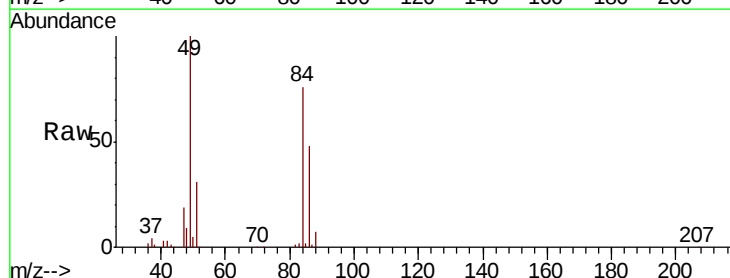
Tot Ion: 73 Resp: 328684
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.0 28.4

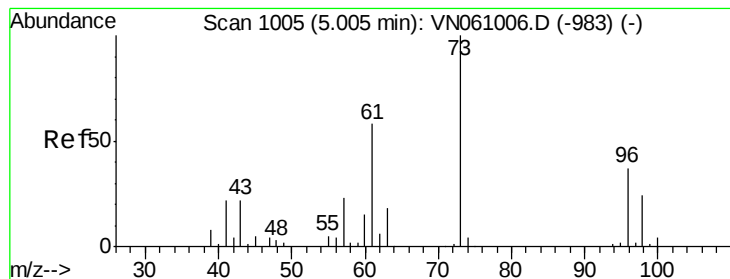


#20

Methylene Chloride
 Concen: 51.235 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 84 Resp: 106113
 Ion Ratio Lower Upper
 84 100
 49 132.2 105.8 158.6
 51 40.5 32.4 48.6
 86 63.9 51.1 76.7



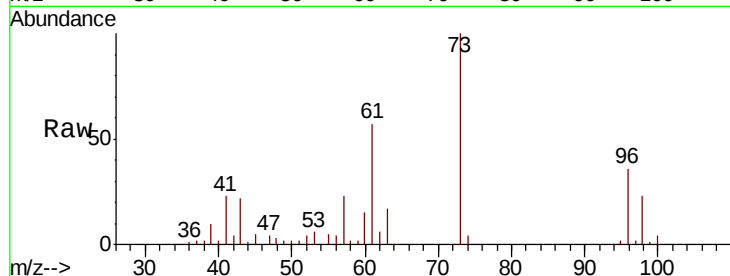


#21

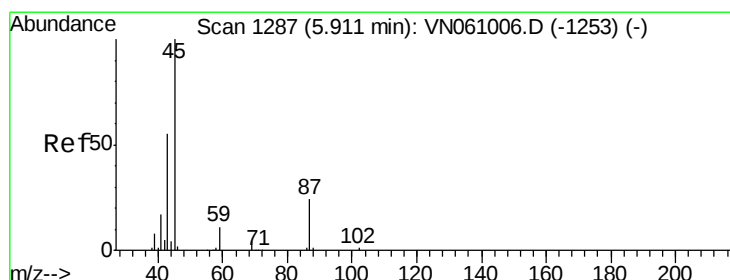
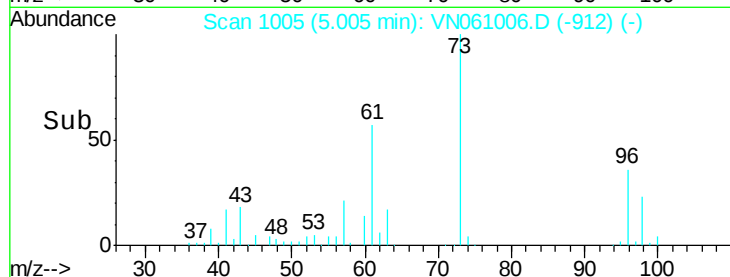
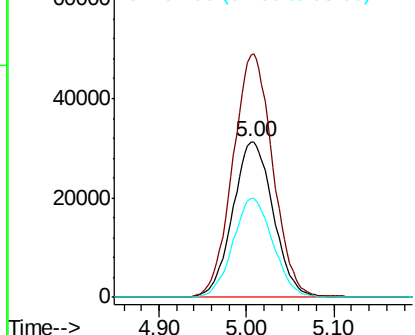
trans-1,2-Dichloroethene
Concen: 50.416 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 100575
Ion Ratio Lower Upper
96 100
61 156.0 124.8 187.2
98 64.1 51.3 76.9



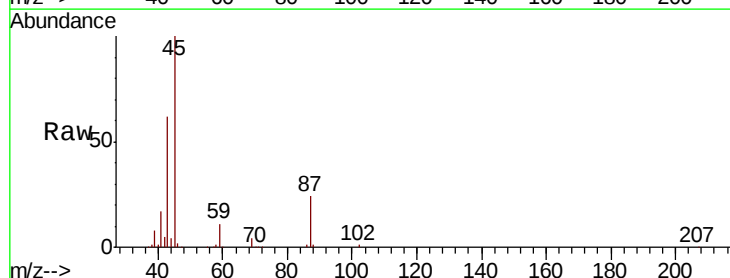
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



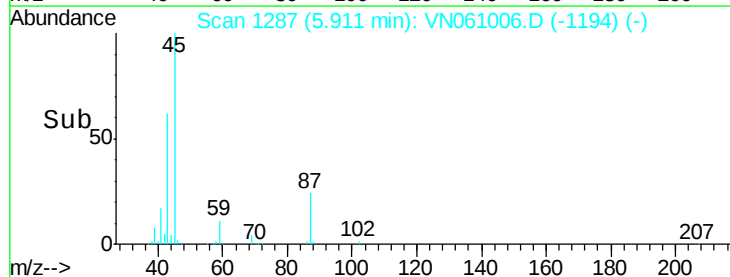
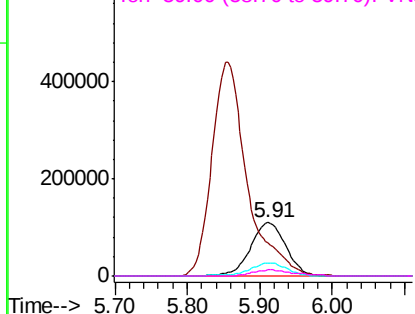
#22

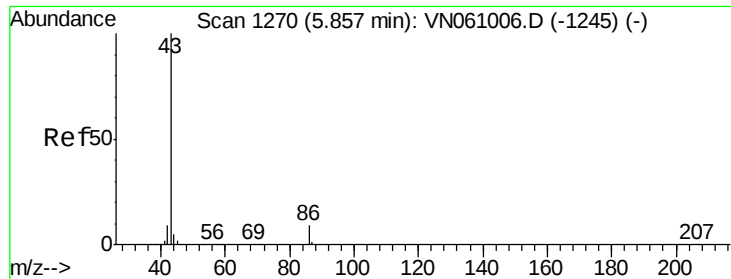
Diisopropyl ether
Concen: 53.315 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 45 Resp: 373379
Ion Ratio Lower Upper
45 100
43 60.7 48.6 72.8
87 24.3 19.4 29.2
59 10.7 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: 261.469 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

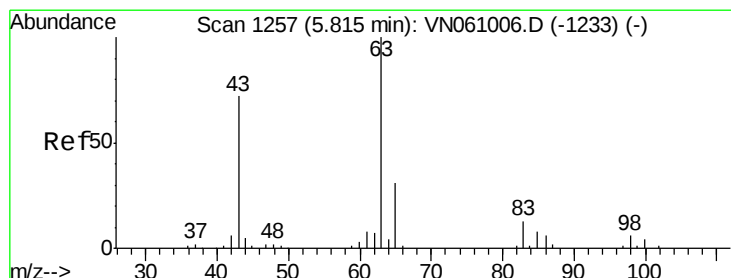
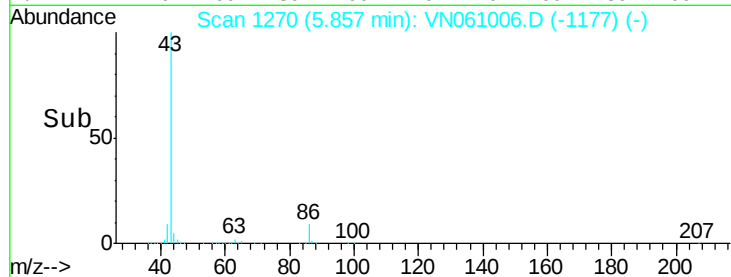
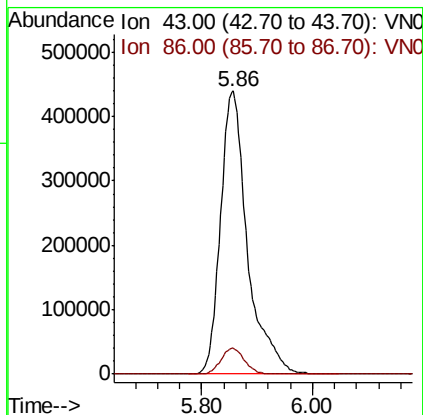
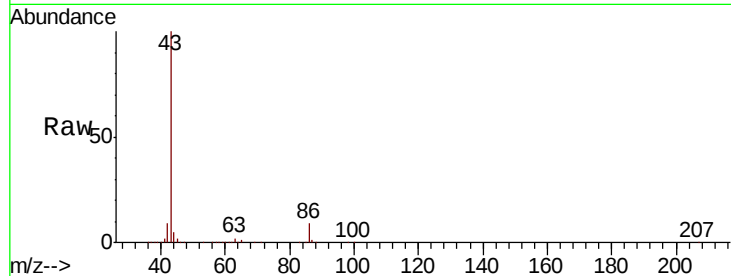
ClientSampleId :

Tot Ion: 43 Resp: 1485725

Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



#24

1,1-Dichloroethane

Concen: 52.631 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

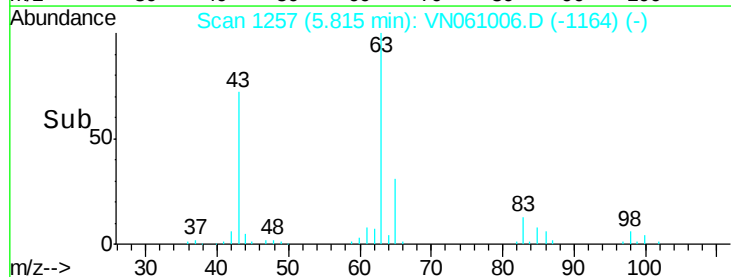
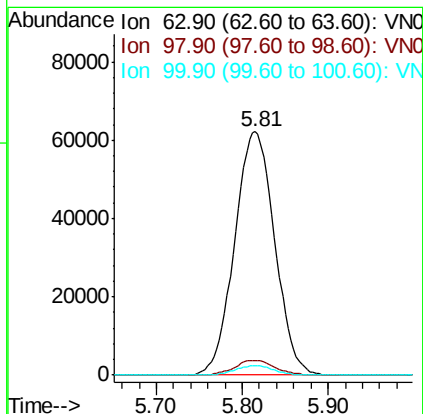
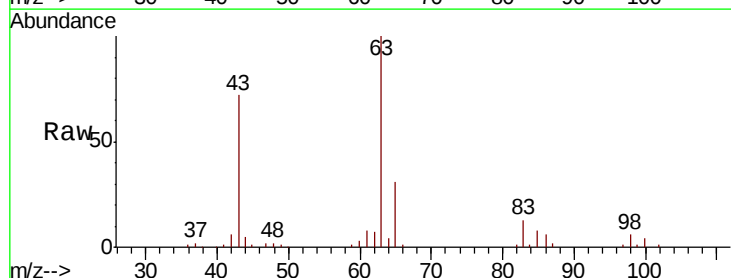
Tgt Ion: 63 Resp: 200853

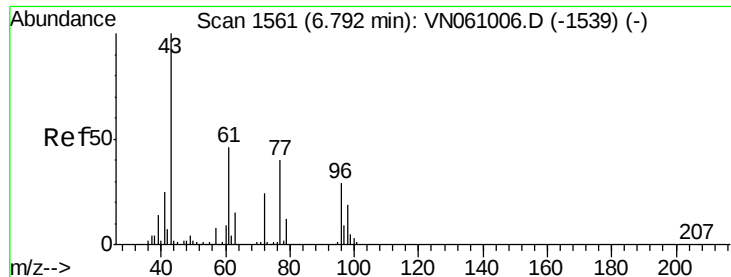
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 278.225 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

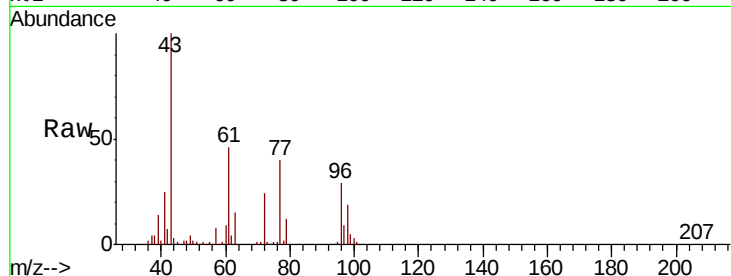
ClientSampled :

Tot Ion: 43 Resp: 385218

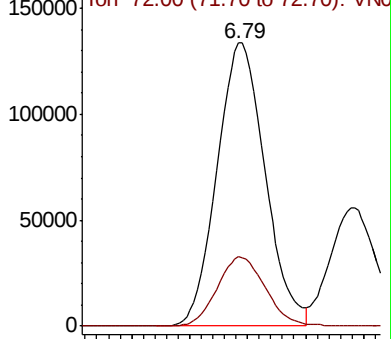
Ion Ratio Lower Upper

43 100

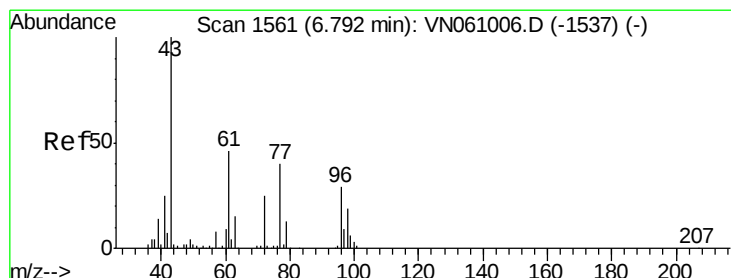
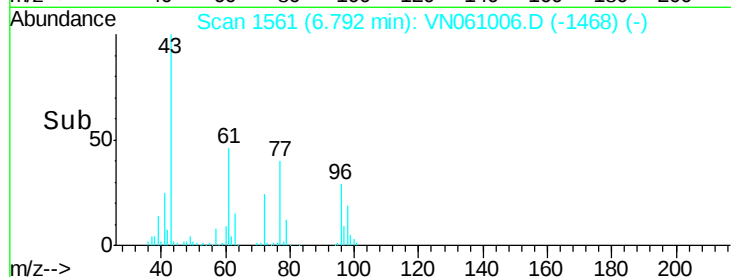
72 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)



Time-->



#26

2,2-Dichloropropane

Concen: 55.459 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061006.D

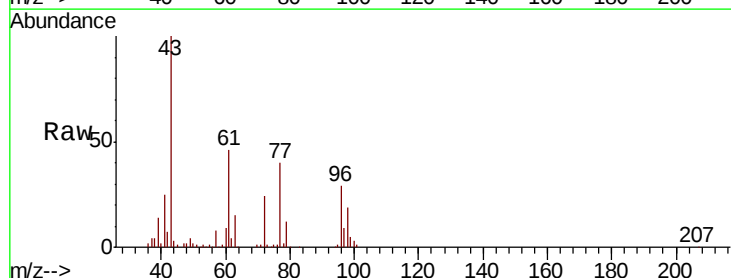
Acq: 16 Apr 2020 12:18

Tgt Ion: 77 Resp: 169122

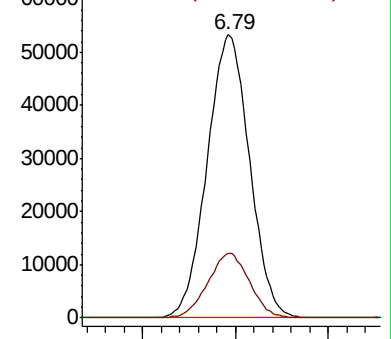
Ion Ratio Lower Upper

77 100

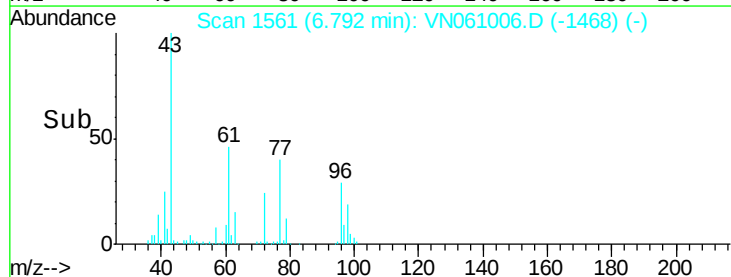
97 22.4 11.2 33.6

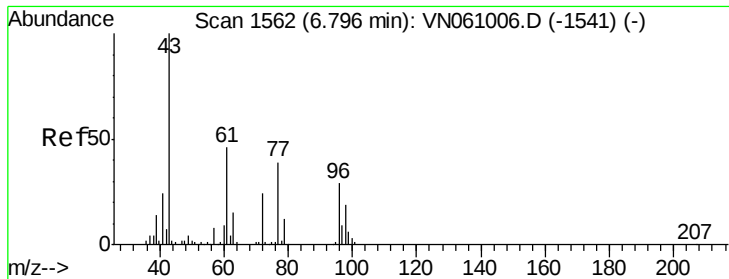


Abundance Ion 76.90 (76.60 to 77.60): VN061006.D (-1537) (-)



Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.038 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :

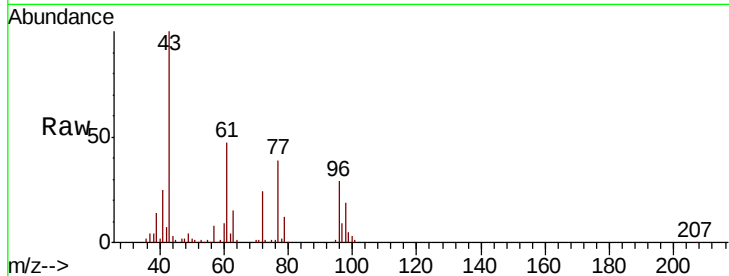
Tot Ion: 96 Resp: 116021

Ion Ratio Lower Upper

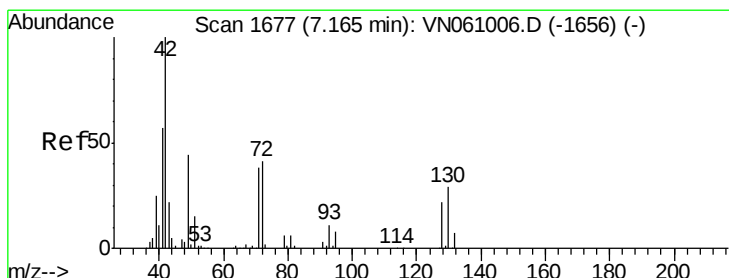
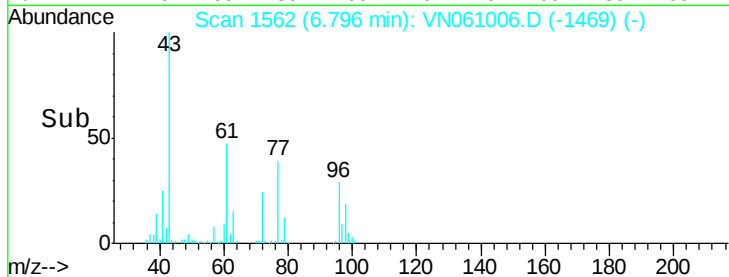
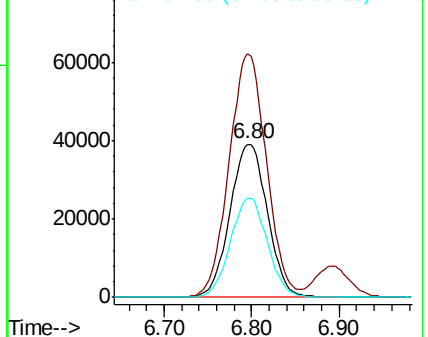
96 100

61 158.7 0.0 317.4

98 63.9 0.0 127.8



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



#28

Bromochloromethane

Concen: 51.780 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

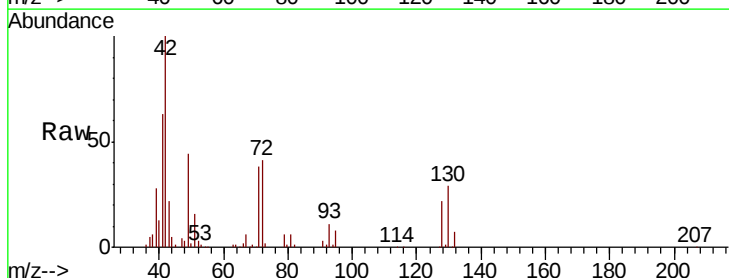
Tgt Ion: 49 Resp: 94051

Ion Ratio Lower Upper

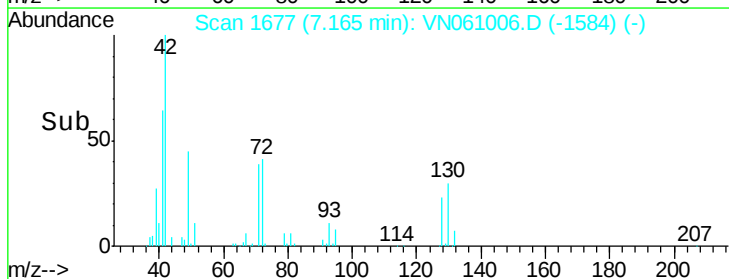
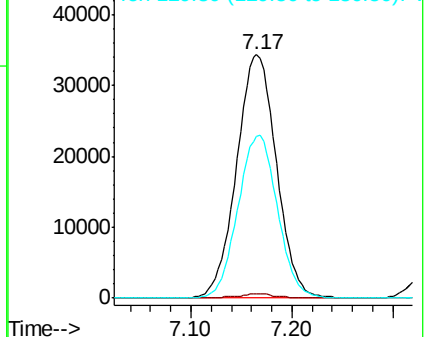
49 100

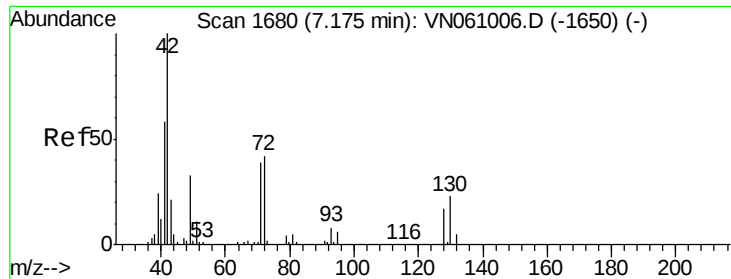
129 1.5 0.0 3.0

130 66.1 52.9 79.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

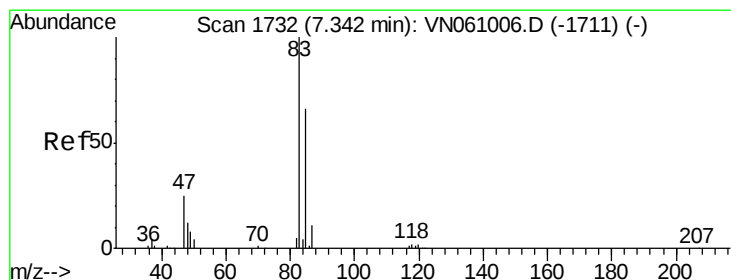
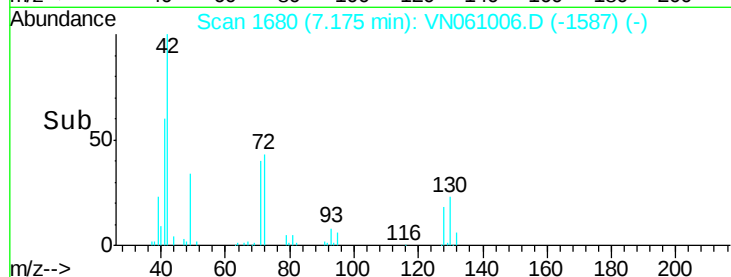
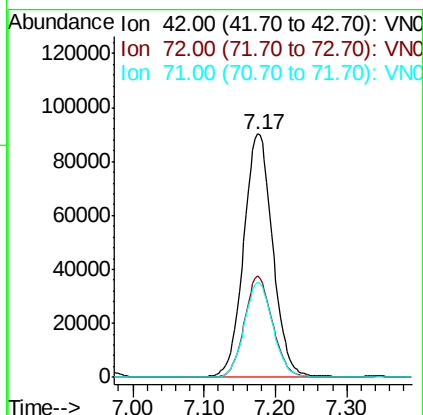
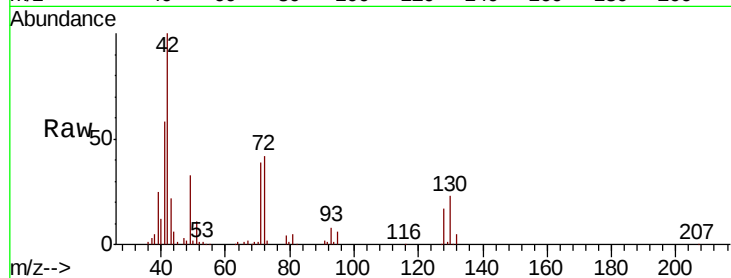




#29
Tetrahydrofuran
Concen: 264.193 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

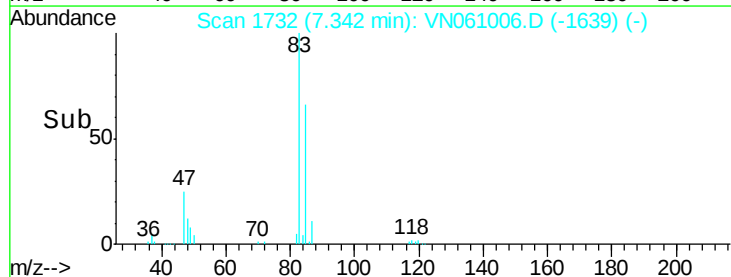
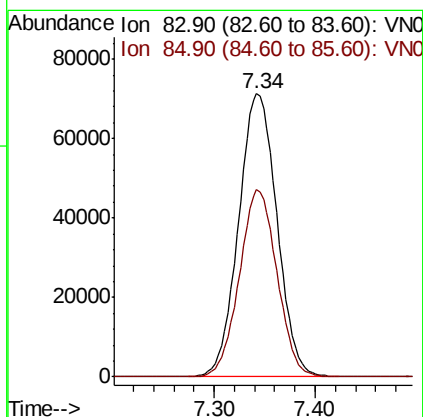
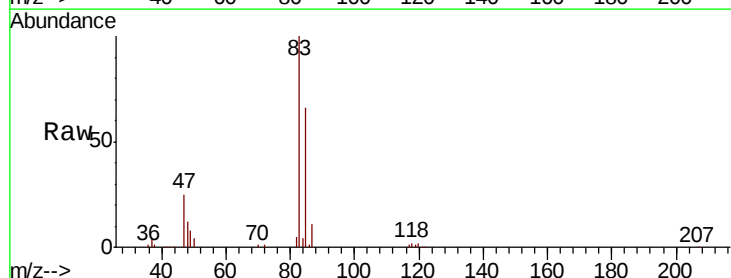
Instrument :
MSVOA_N
ClientSampled :

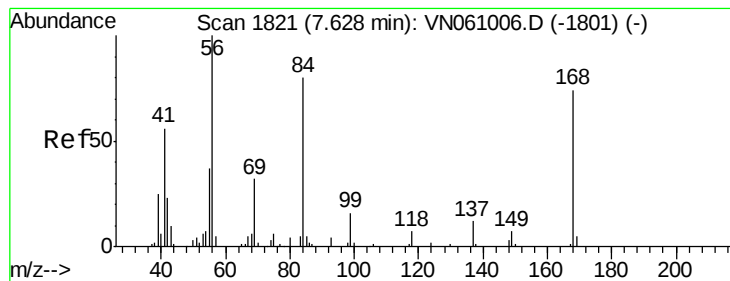
Tot Ion: 42 Resp: 256577
Ion Ratio Lower Upper
42 100
72 40.1 32.1 48.1
71 38.1 30.5 45.7



#30
Chloroform
Concen: 51.510 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 83 Resp: 187928
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2





#31

Cyclohexane

Concen: 50.889 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :

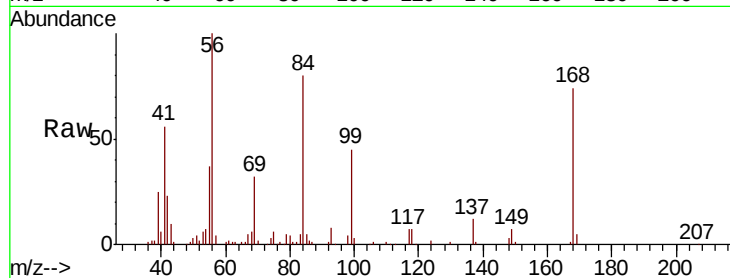
Tot Ion: 56 Resp: 196736

Ion Ratio Lower Upper

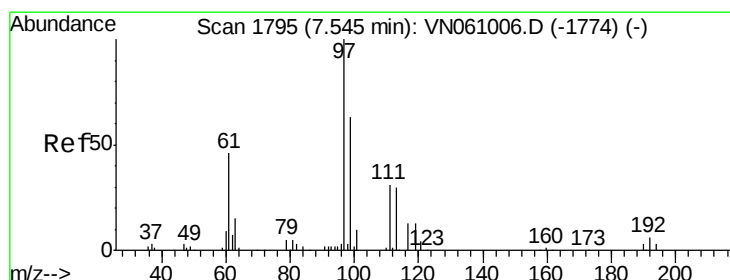
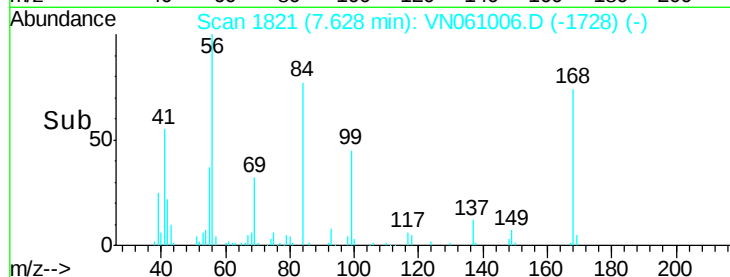
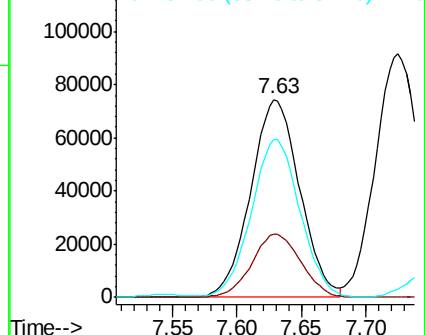
56 100

69 32.0 25.6 38.4

84 79.3 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: 51.741 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

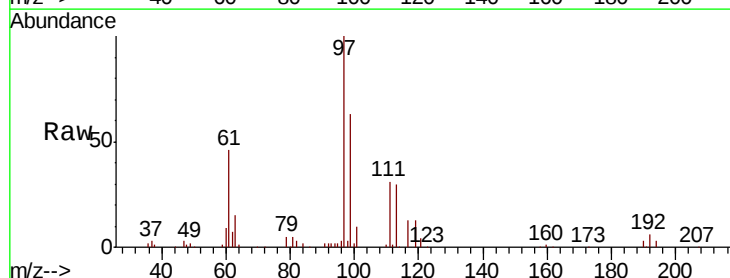
Tgt Ion: 97 Resp: 162110

Ion Ratio Lower Upper

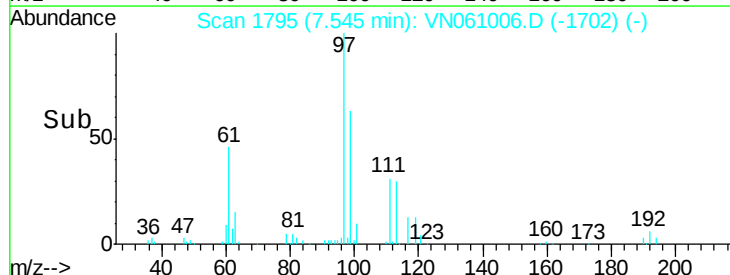
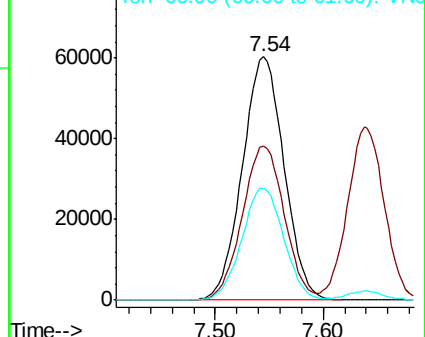
97 100

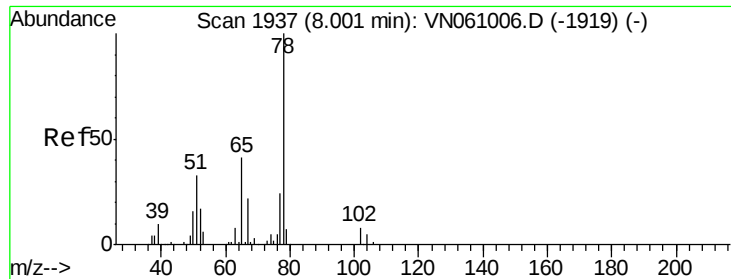
99 63.7 51.0 76.4

61 46.3 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: 45.409 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

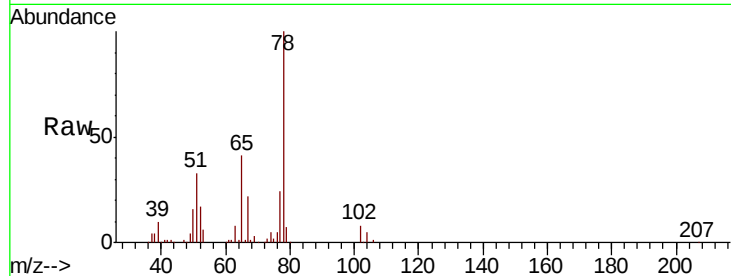
ClientSampleId :

Tot Ion: 65 Resp: 104892

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.0

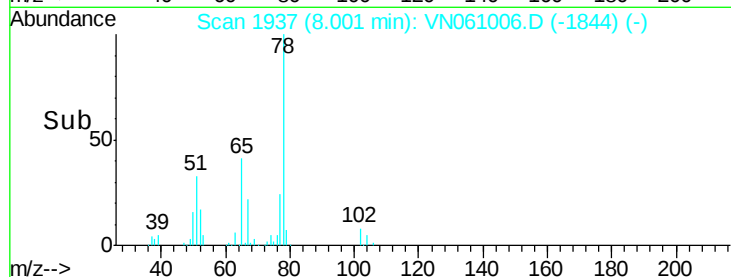


Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

8.00

Time-->



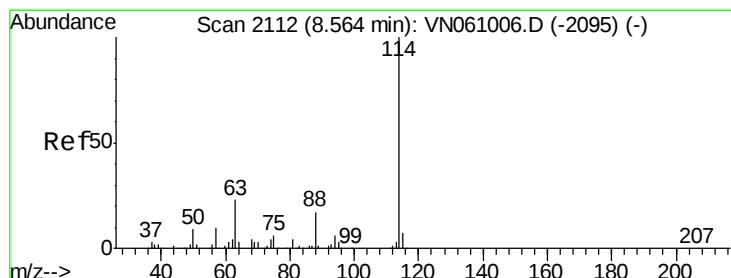
Abundance

Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

8.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

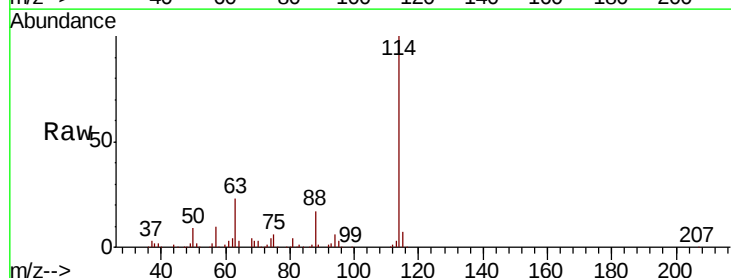
Tgt Ion: 114 Resp: 288848

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 16.7 0.0 33.4



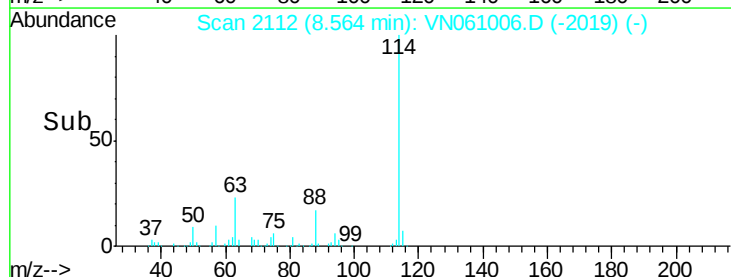
Abundance Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

8.56

Time-->



Abundance

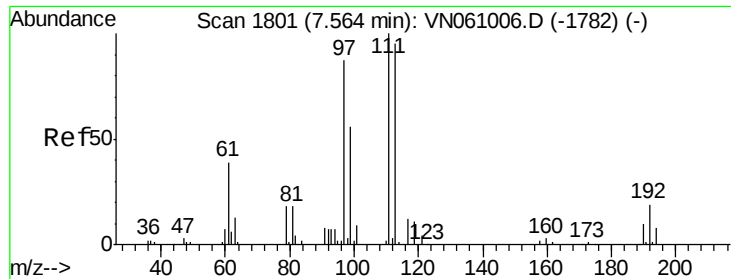
Ion 113.90 (113.60 to 114.60): VN061006.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN061006.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN061006.D (-2095) (-)

8.56

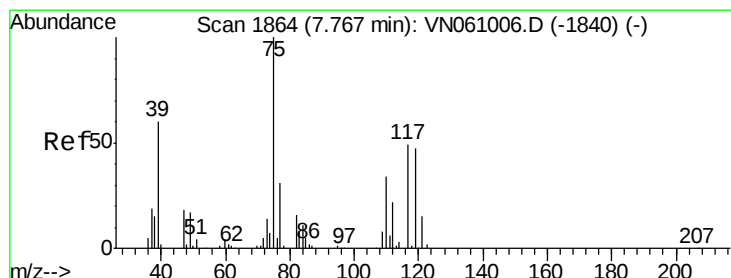
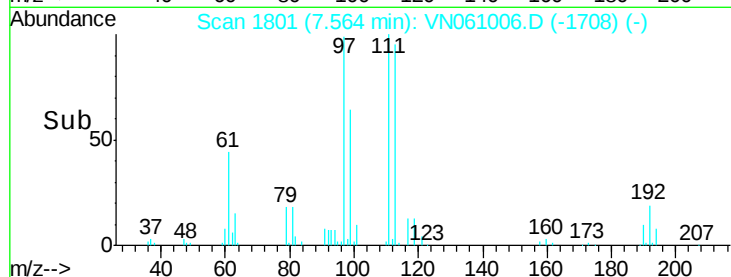
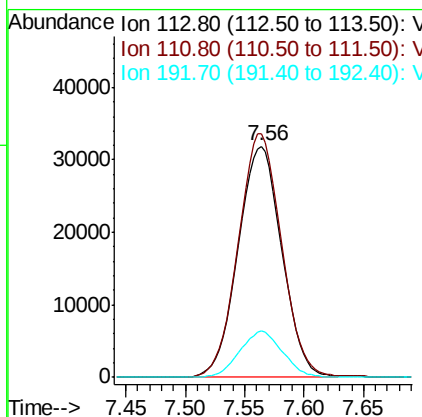
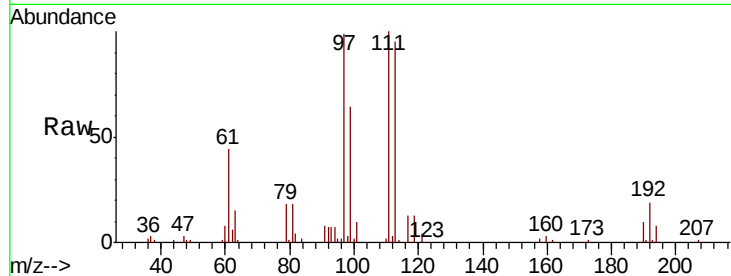
Time-->



#35
Dibromofluoromethane
Concen: 47.245 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

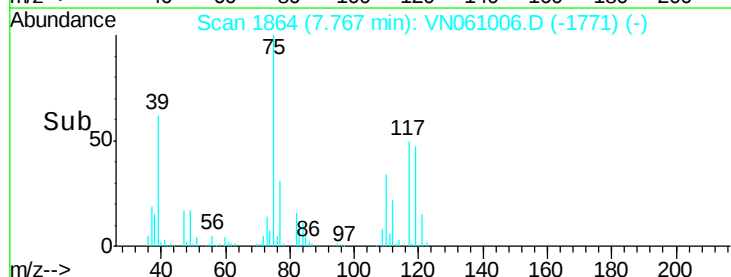
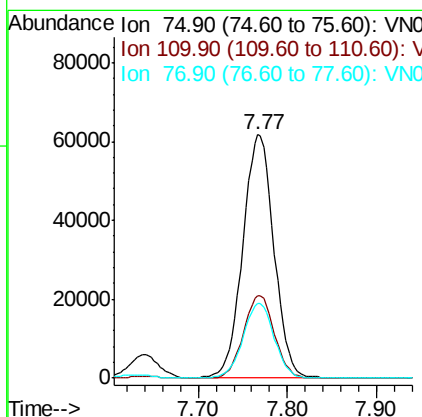
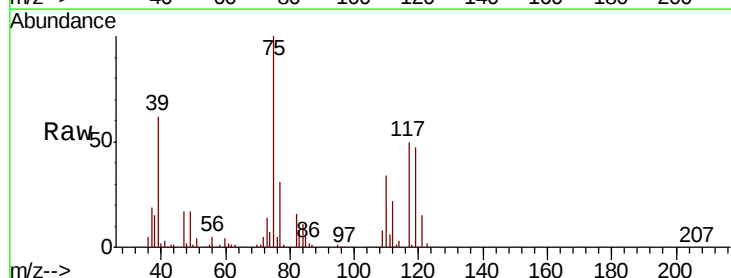
Instrument :
MSVOA_N
ClientSampleId :

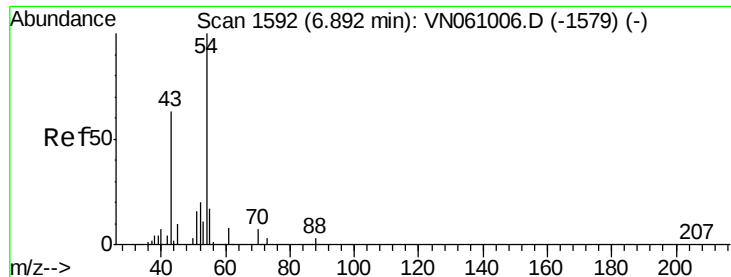
Tot Ion:113 Resp: 81229
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.2
192 19.4 15.5 23.3



#36
1,1-Dichloropropene
Concen: 53.205 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 75 Resp: 149988
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.3
77 30.9 24.7 37.1

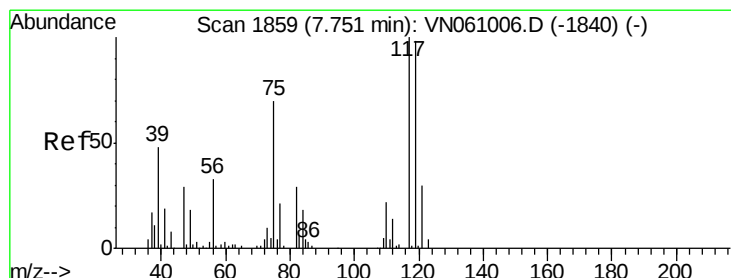
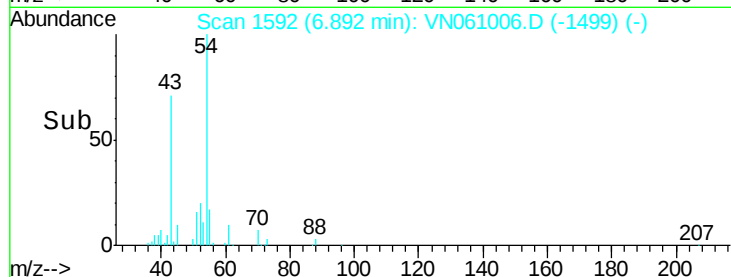
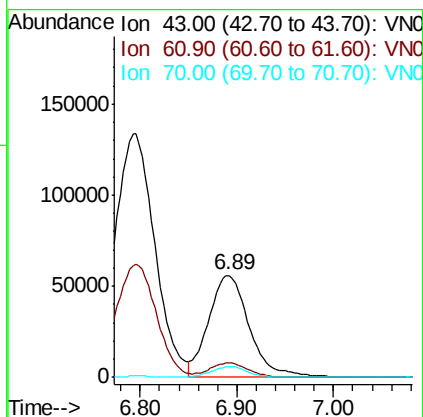
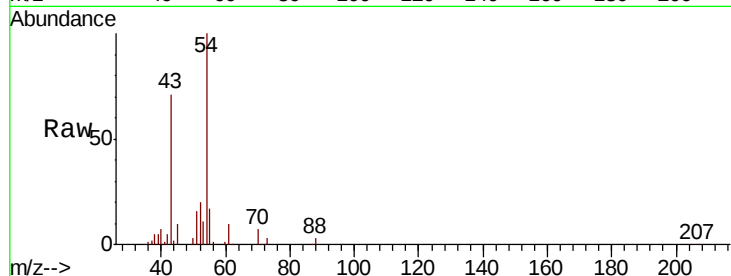




#37
Ethyl Acetate
Concen: 52.532 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

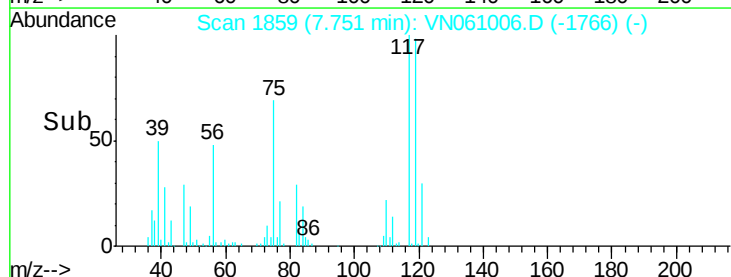
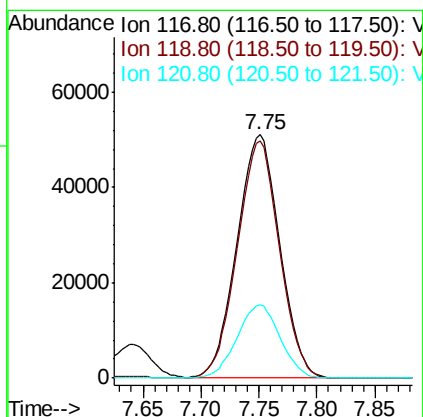
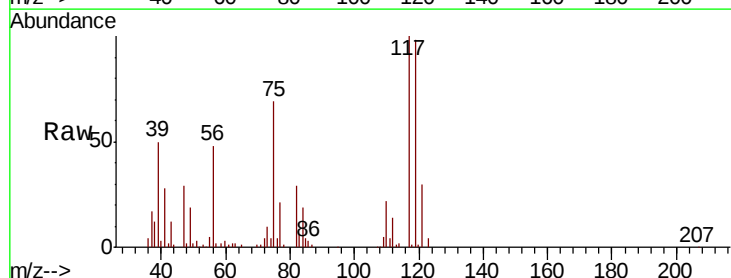
Instrument :
MSVOA_N
ClientSampleId :

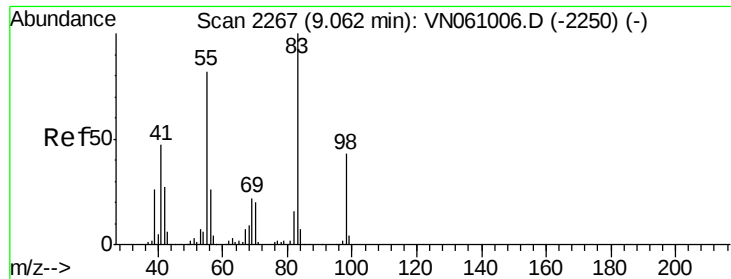
Tot Ion: 43 Resp: 160831
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.274 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 117 Resp: 131254
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
121 30.0 24.0 36.0

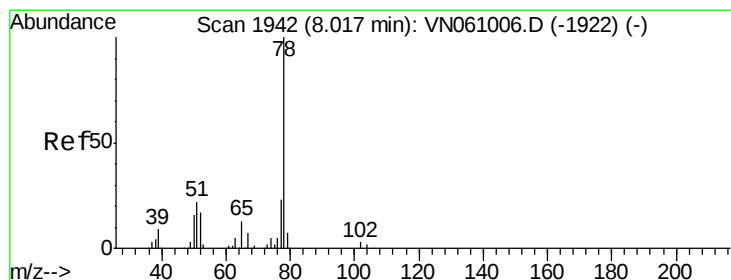
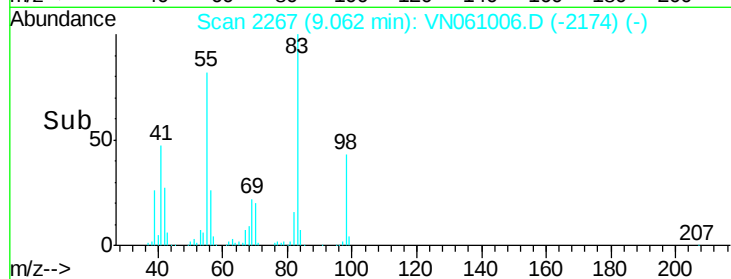
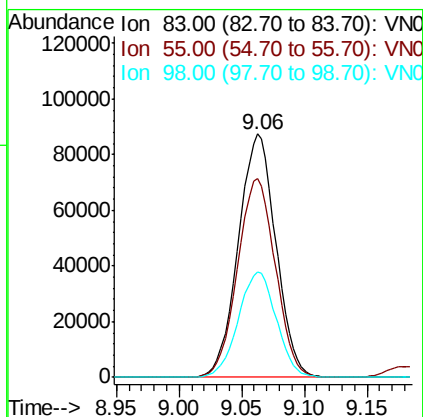
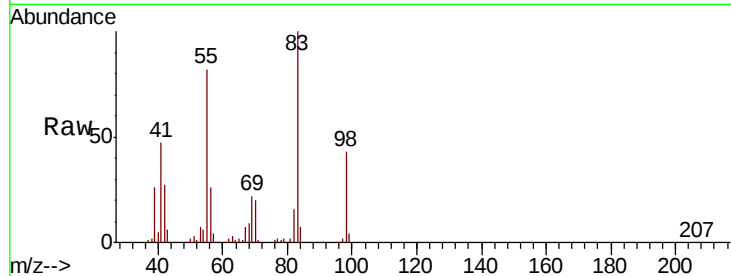




#39
Methvlcvclohexane
Concen: 54.088 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

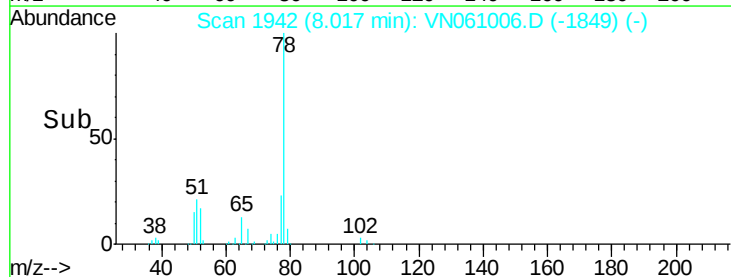
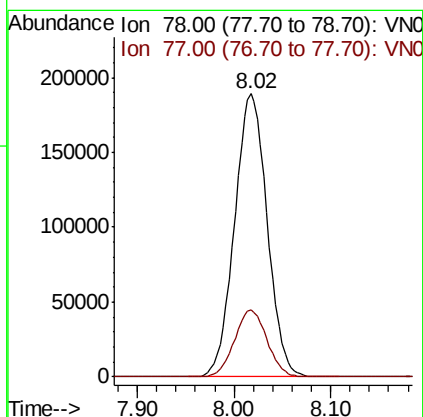
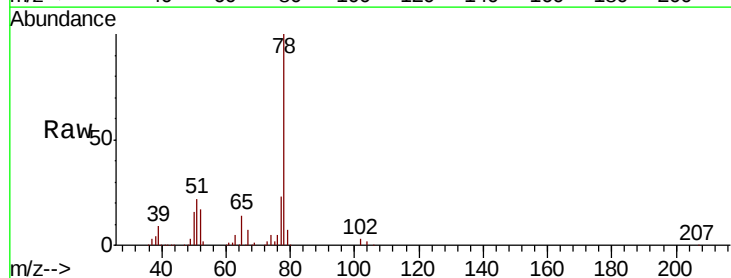
Instrument :
MSVOA_N
ClientSampled :

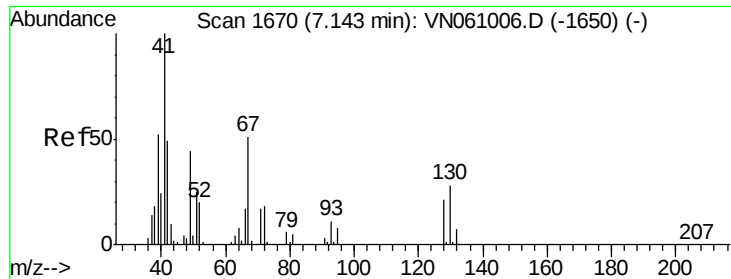
Tot Ion: 83 Resp: 181910
Ion Ratio Lower Upper
83 100
55 81.7 65.4 98.0
98 43.2 34.6 51.8



#40
Benzene
Concen: 52.050 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 78 Resp: 442447
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

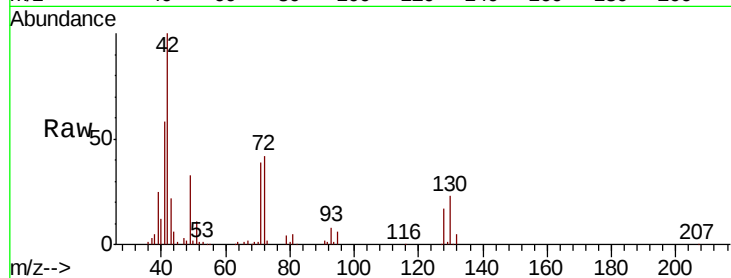




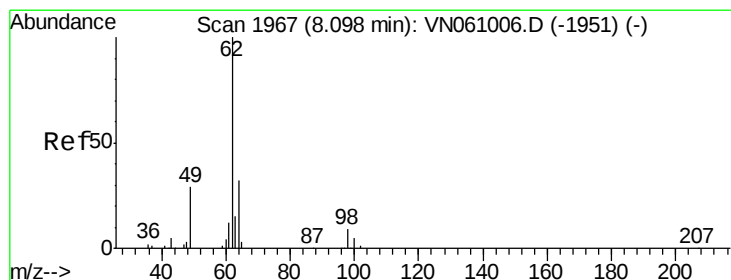
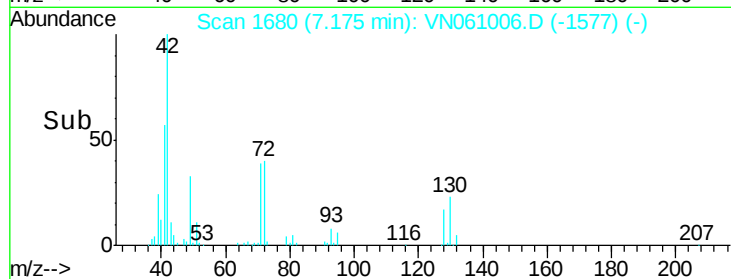
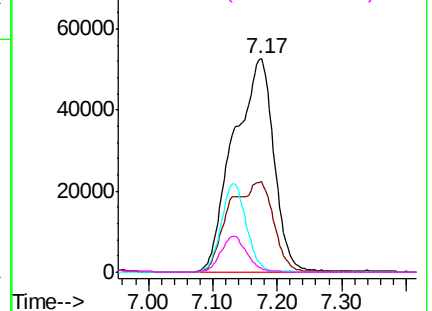
#41
Methacrylonitrile
Concen: 175.254 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	229237
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

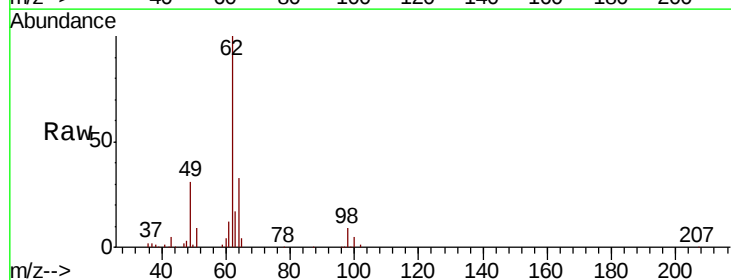


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

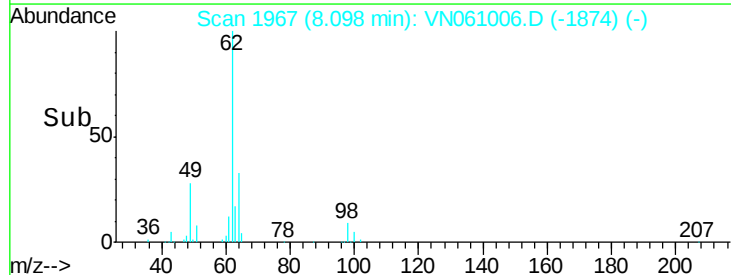
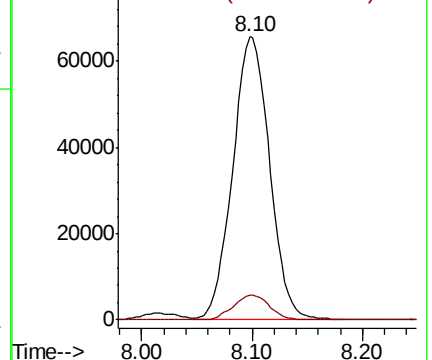


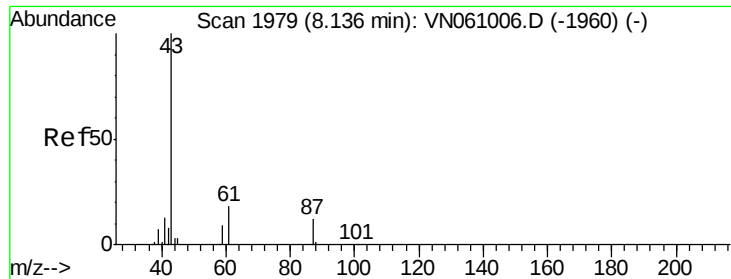
#42
1,2-Dichloroethane
Concen: 52.308 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion:	62	Resp:	152124
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 53.020 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

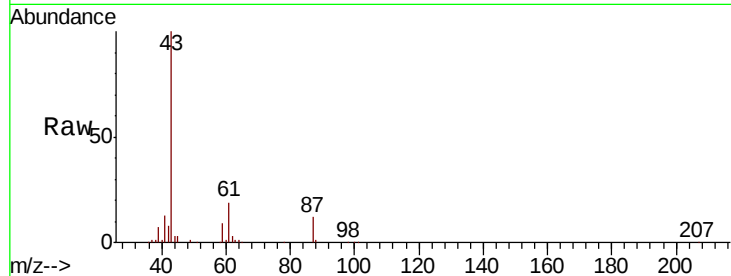
Tot Ion: 43 Resp: 266948

Ion Ratio Lower Upper

43 100

61 25.4 20.3 30.5

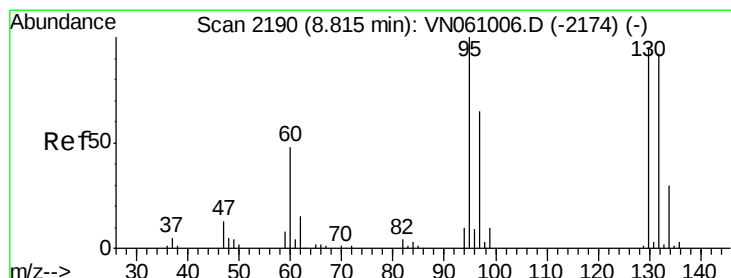
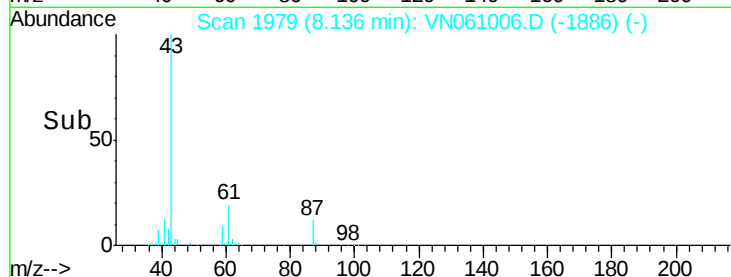
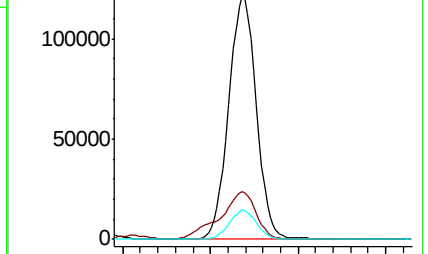
87 11.8 9.4 14.2



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: 51.487 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061006.D

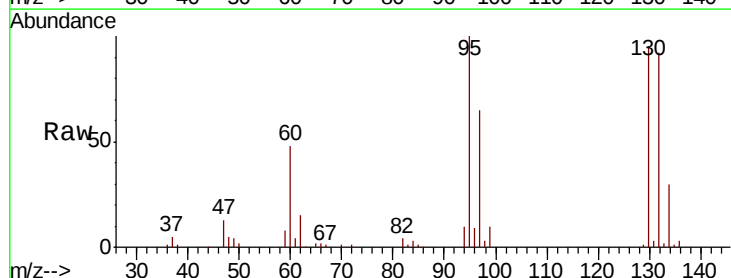
Acq: 16 Apr 2020 12:18

Tgt Ion:130 Resp: 109804

Ion Ratio Lower Upper

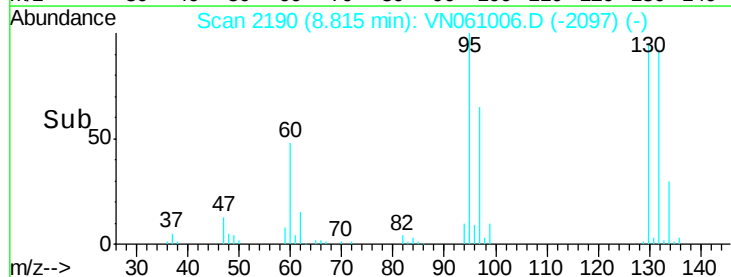
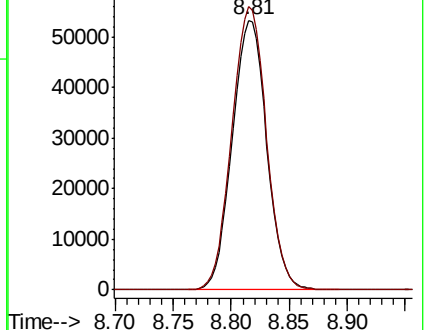
130 100

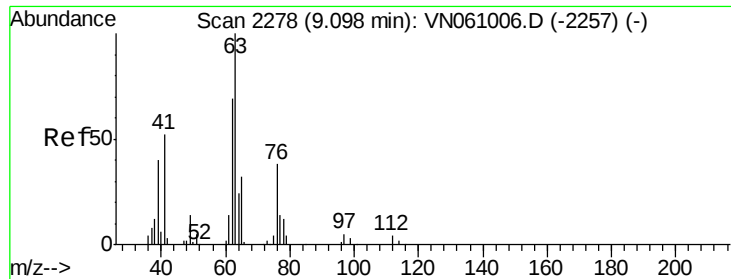
95 105.0 0.0 210.0



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

Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

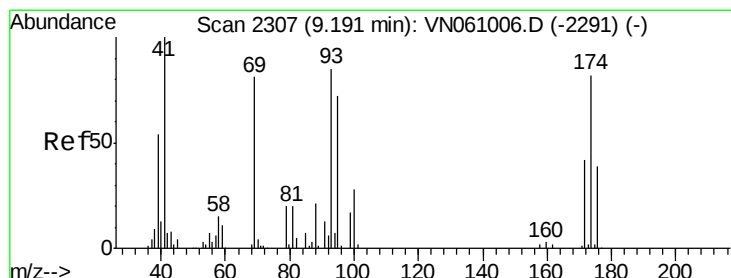
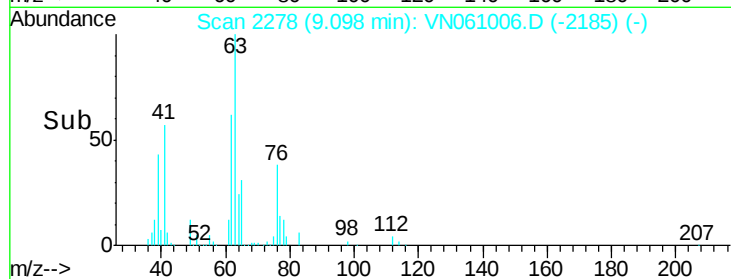
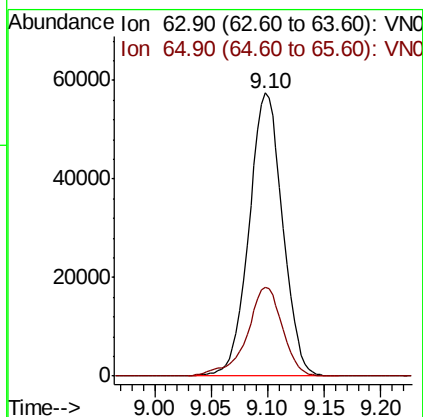
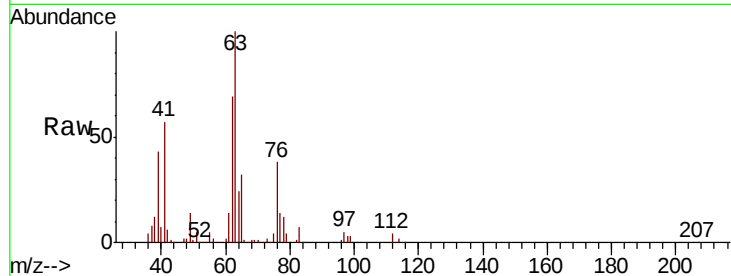




#45
 1,2-Dichloropropane
 Concen: 52.888 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

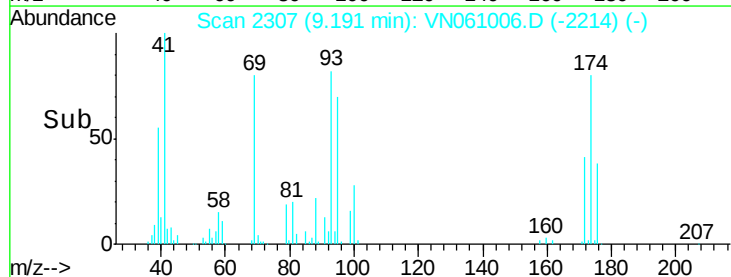
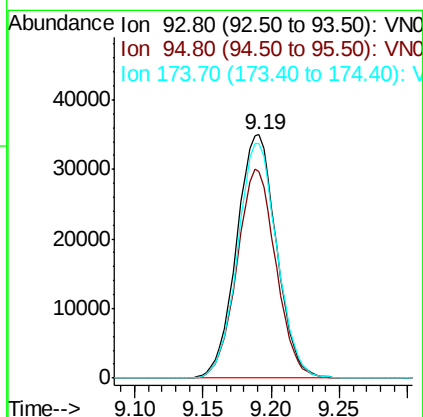
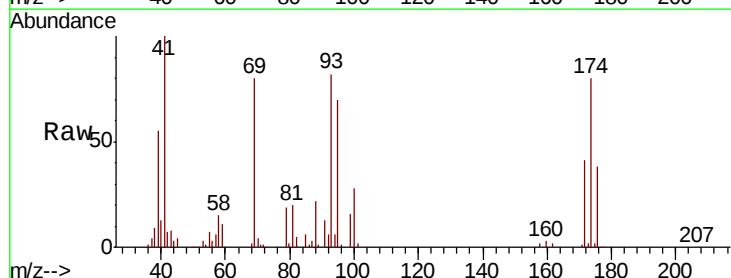
Instrument :
 MSVOA_N
 ClientSampleId :

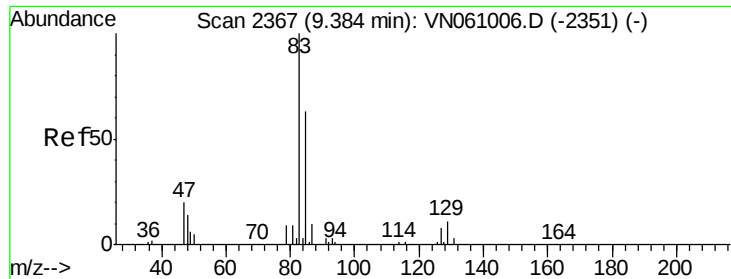
Tot Ion: 63 Resp: 118854
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.2 37.8



#46
 Dibromomethane
 Concen: 52.554 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 93 Resp: 71057
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 95.3 76.2 114.4





#47

Bromodichloromethane

Concen: 52.844 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

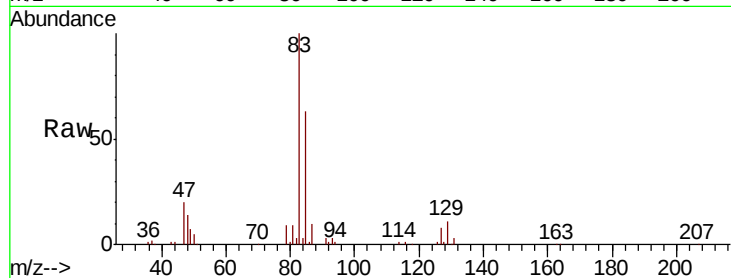
Tot Ion: 83 Resp: 149010

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

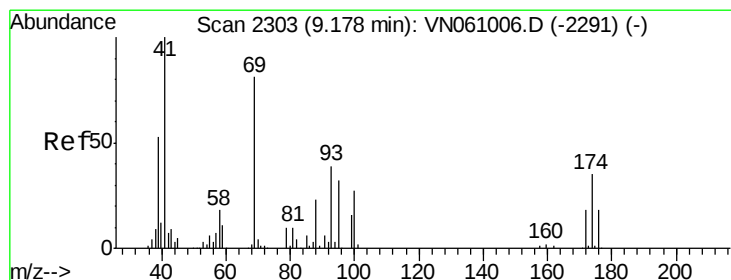
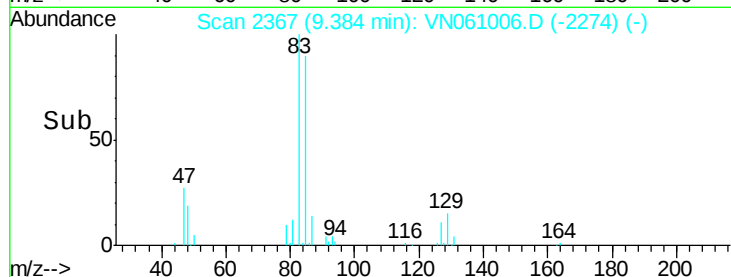
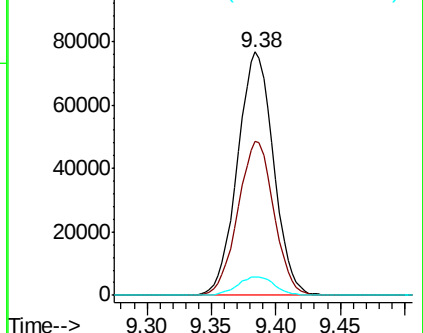
127 7.6 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-2351) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-2351) (-)

Ion 126.80 (126.50 to 127.50): VN061006.D (-2351) (-)



#48

Methyl methacrylate

Concen: 53.915 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

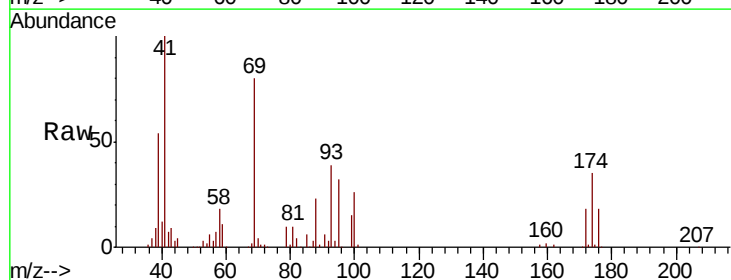
Tgt Ion: 41 Resp: 121129

Ion Ratio Lower Upper

41 100

69 81.6 65.3 97.9

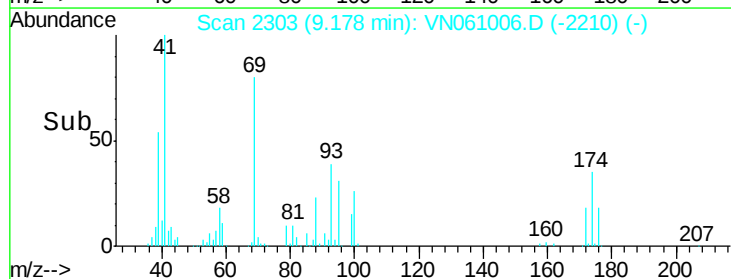
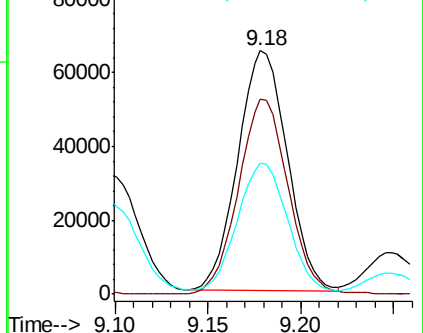
39 56.5 45.2 67.8

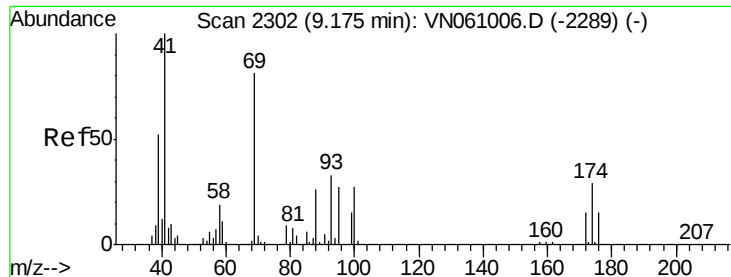


Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-2291) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-2291) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-2291) (-)

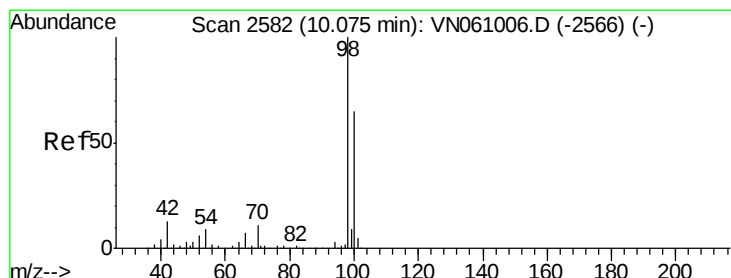
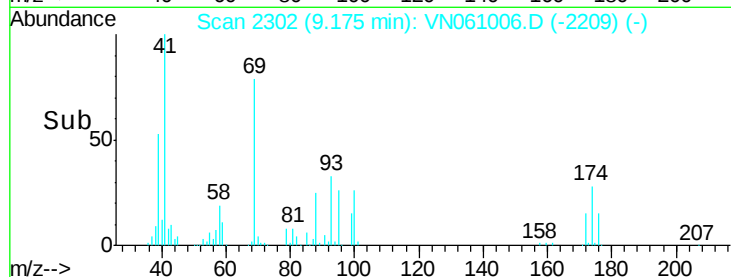
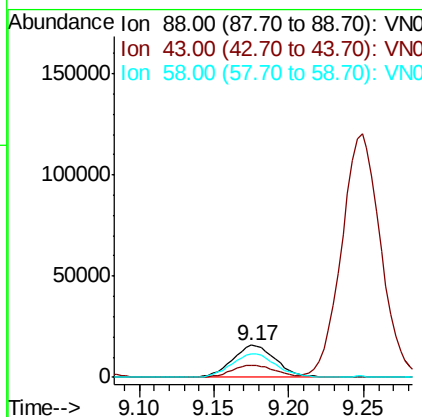
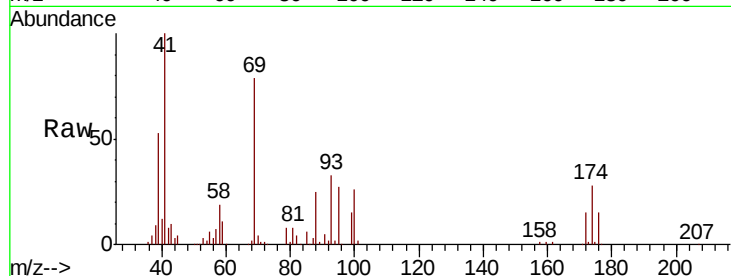




#49
1,4-Dioxane
Concen: 1189.157 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

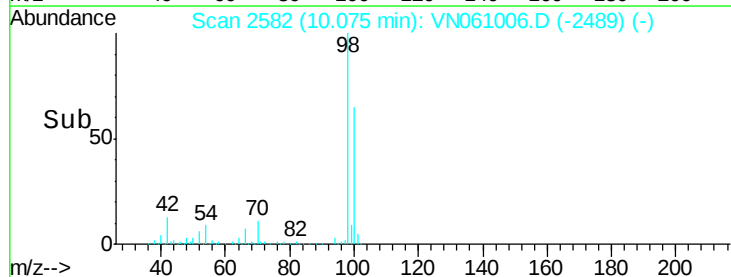
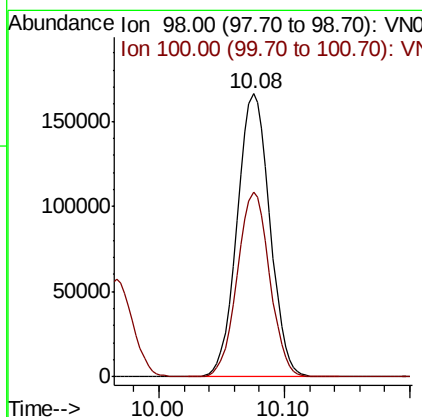
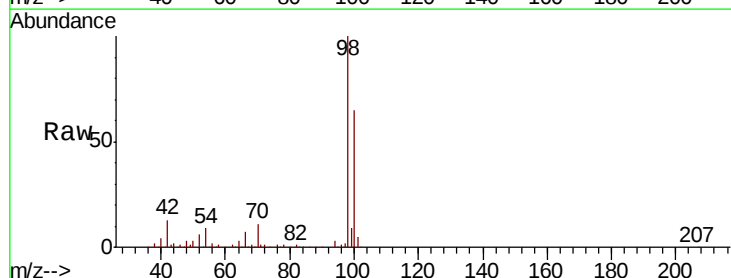
Instrument :
MSVOA_N
ClientSampleId :

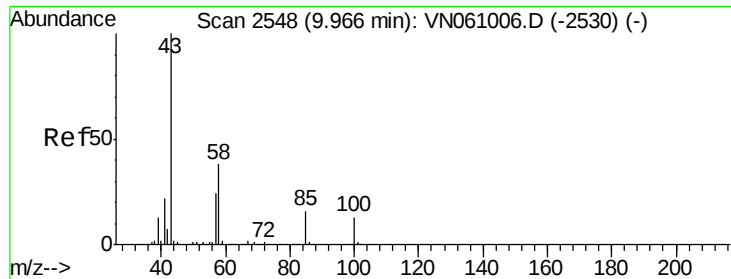
Tot Ion: 88 Resp: 32172
Ion Ratio Lower Upper
88 100
43 38.6 30.9 46.3
58 74.8 59.8 89.8



#50
Toluene-d8
Concen: 43.623 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 98 Resp: 300124
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 274.362 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

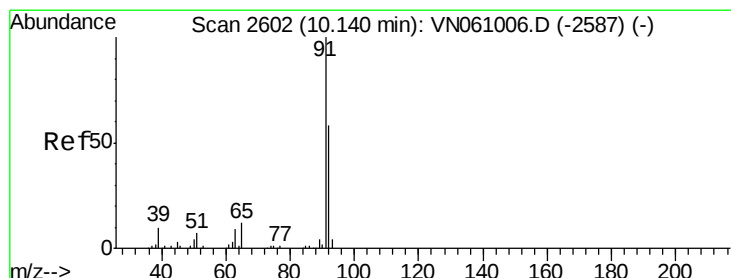
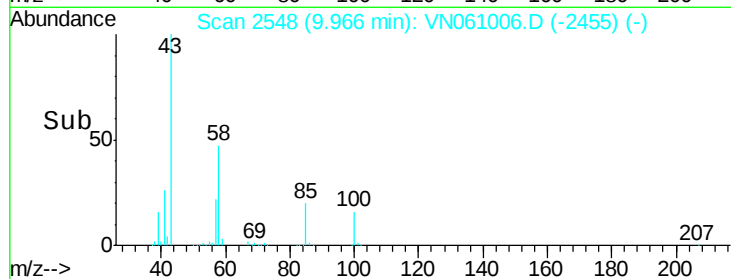
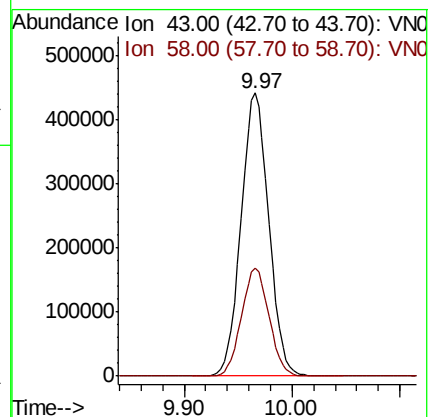
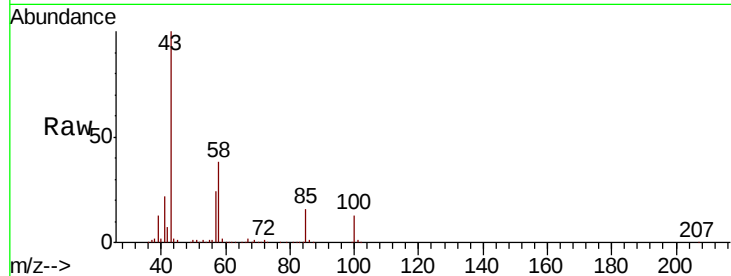
ClientSampled :

Tot Ion: 43 Resp: 787459

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



#52

Toluene

Concen: 52.473 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061006.D

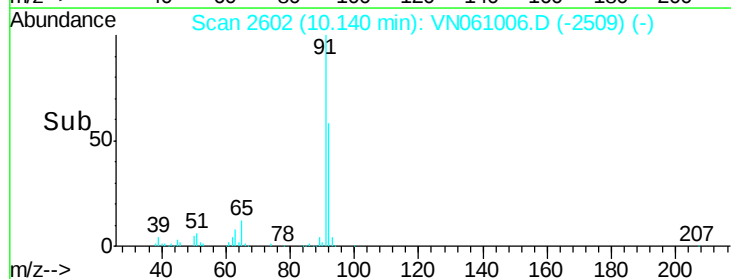
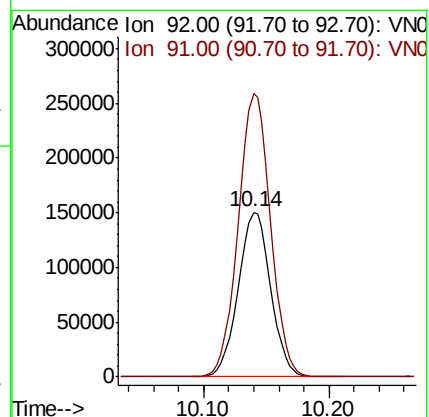
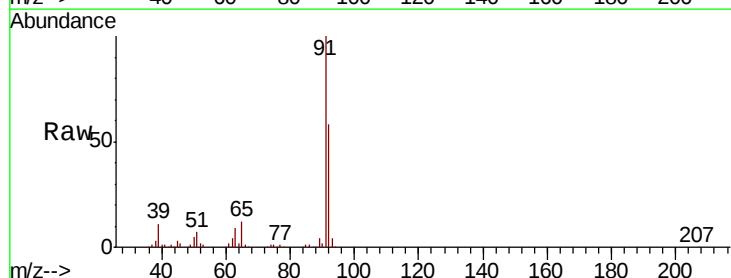
Acq: 16 Apr 2020 12:18

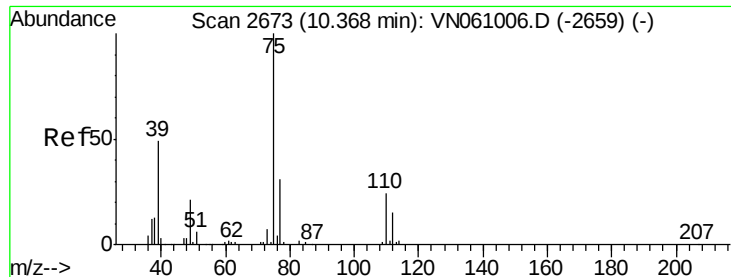
Tgt Ion: 92 Resp: 269106

Ion Ratio Lower Upper

92 100

91 172.1 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 53.873 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

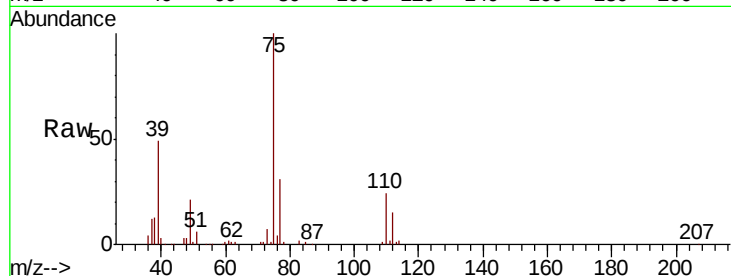
ClientSampled :

Tot Ion: 75 Resp: 174614

Ion Ratio Lower Upper

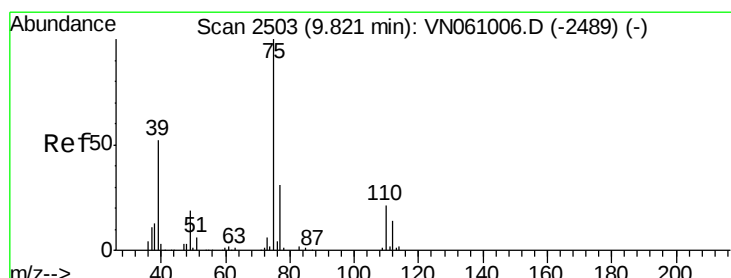
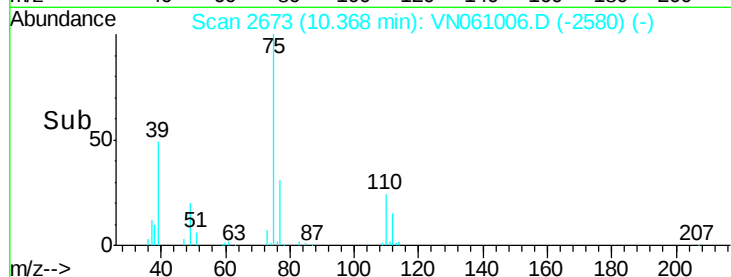
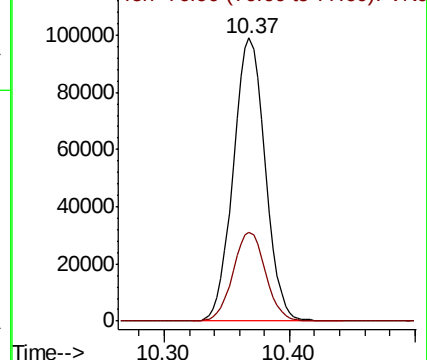
75 100

77 31.3 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: 53.094 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

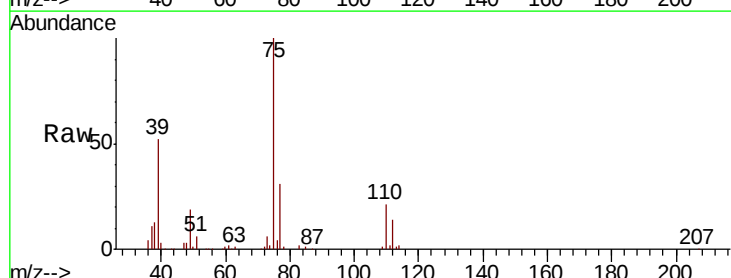
Tgt Ion: 75 Resp: 189236

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

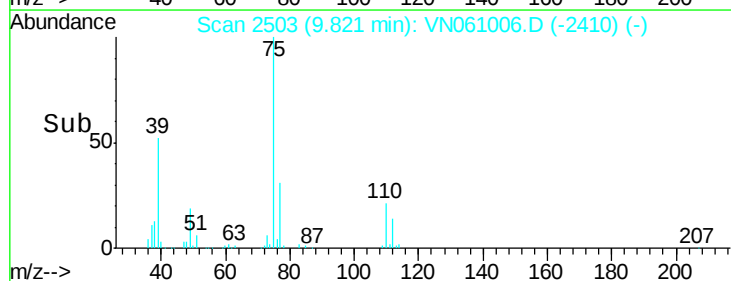
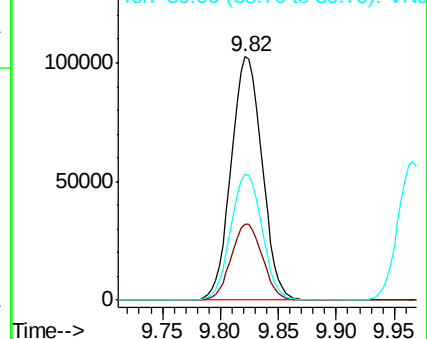
39 51.8 41.4 62.2

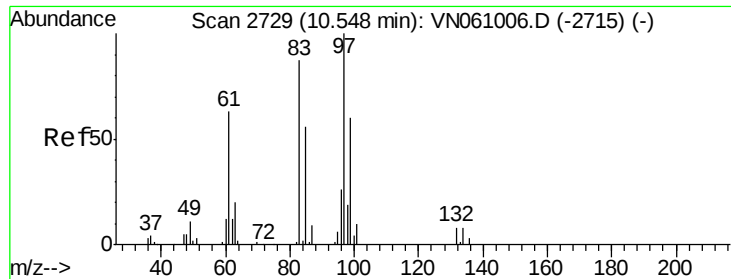


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

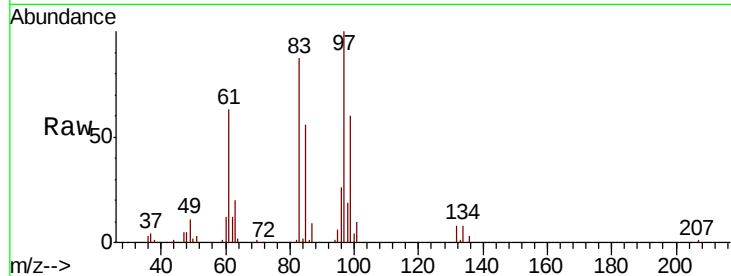




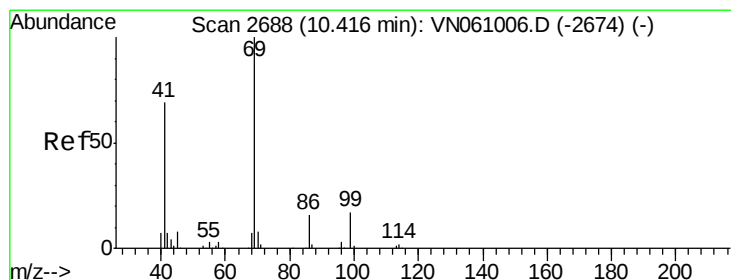
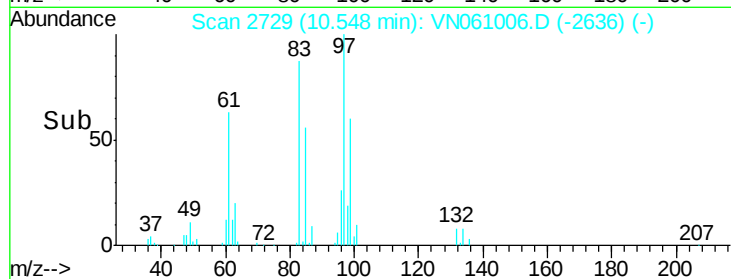
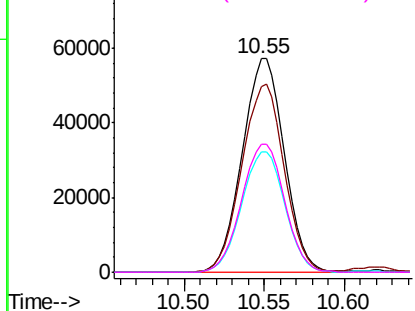
#55
 1,1,2-Trichloroethane
 Concen: 52.206 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	102992
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	56.2	45.0	67.4
99	59.9	47.9	71.9

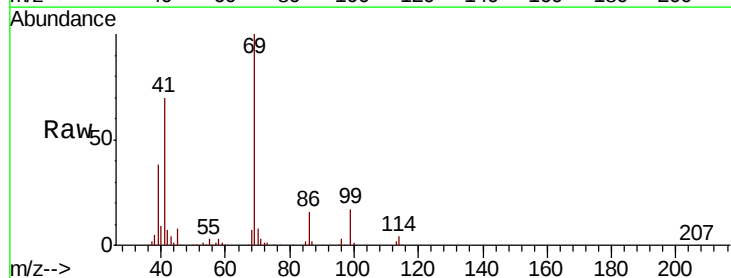


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

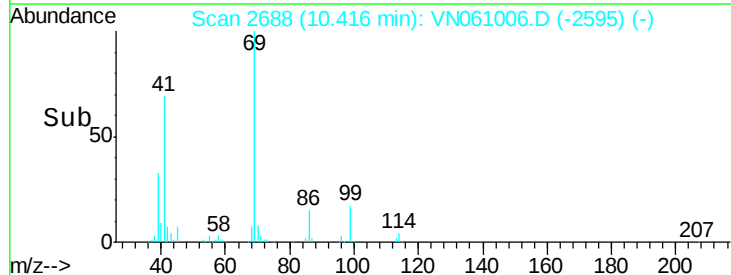
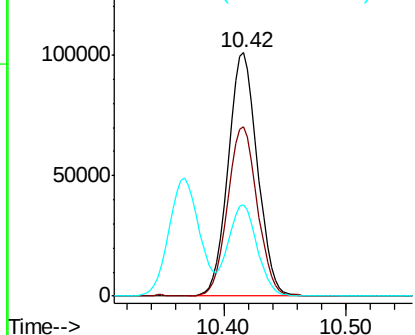


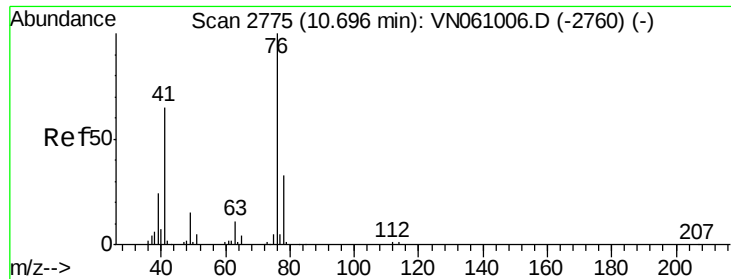
#56
 Ethyl methacrylate
 Concen: 54.929 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion:	69	Resp:	169153
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.7	85.1
39	36.7	29.4	44.0



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





#57

1,3-Dichloropropane

Concen: 52.957 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

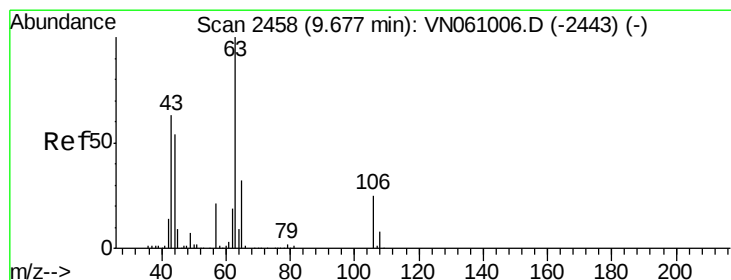
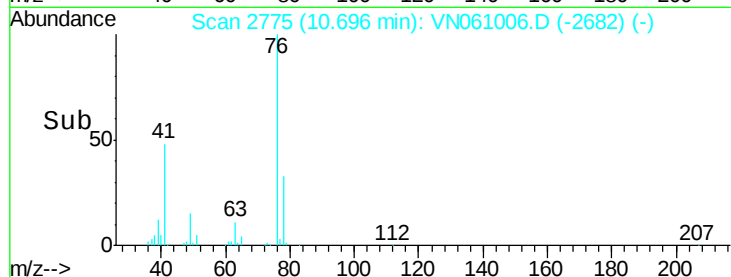
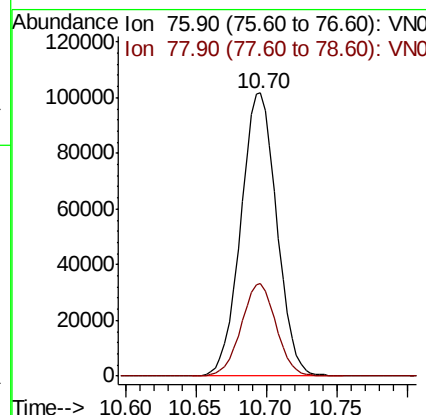
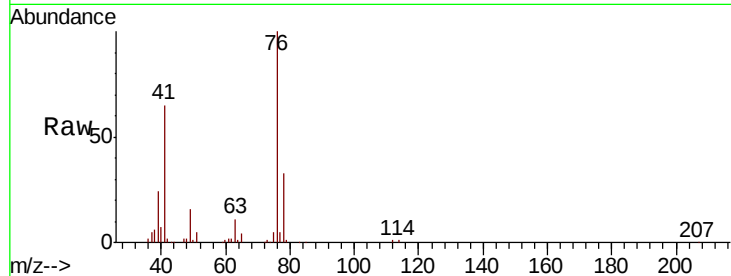
ClientSampled :

Tot Ion: 76 Resp: 181650

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 223.312 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061006.D

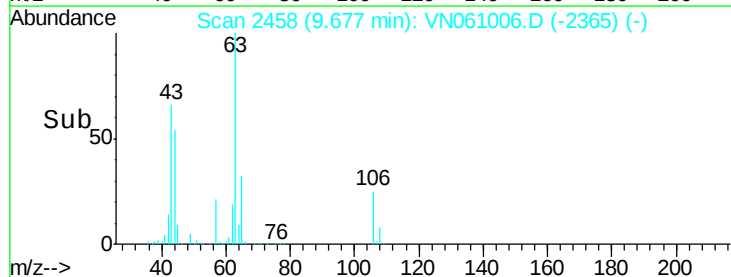
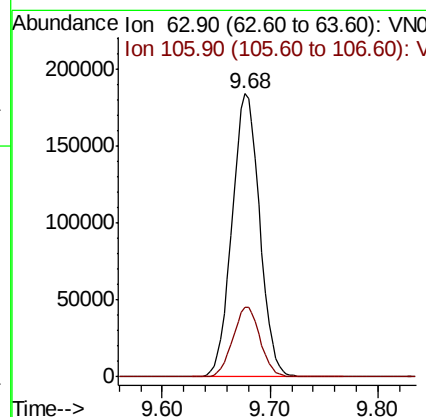
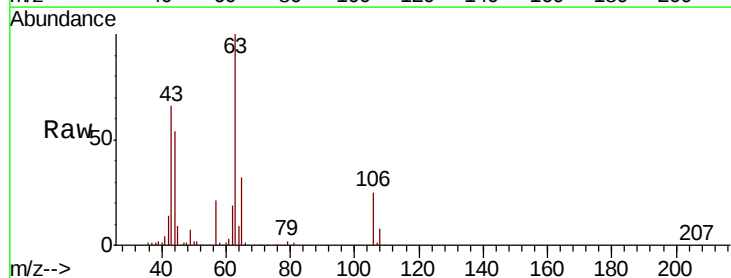
Acq: 16 Apr 2020 12:18

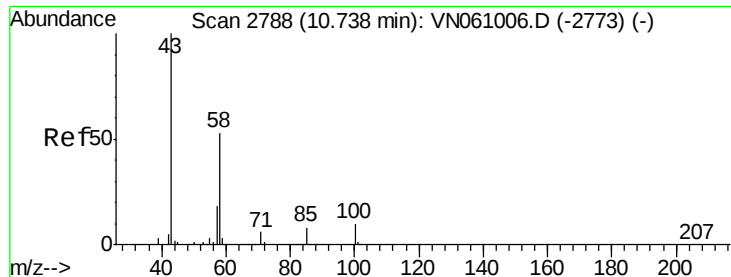
Tgt Ion: 63 Resp: 328077

Ion Ratio Lower Upper

63 100

106 24.4 19.5 29.3

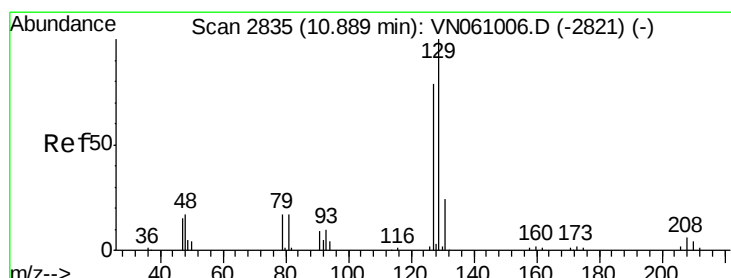
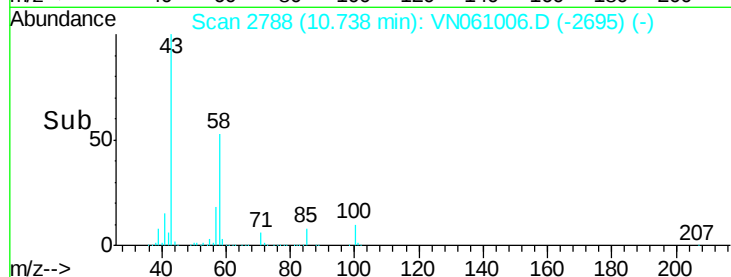
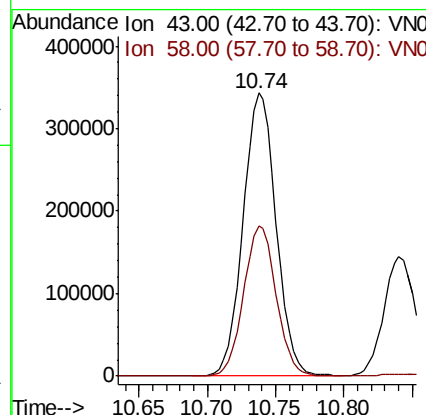
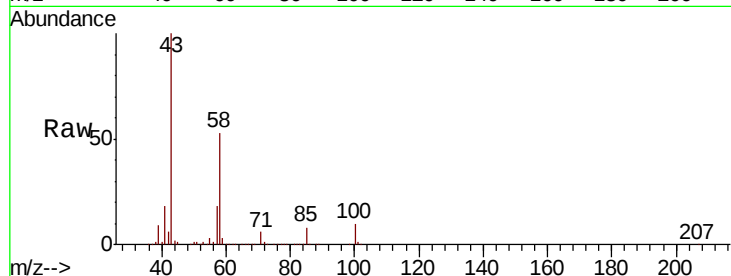




#59
2-Hexanone
Concen: 277.864 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

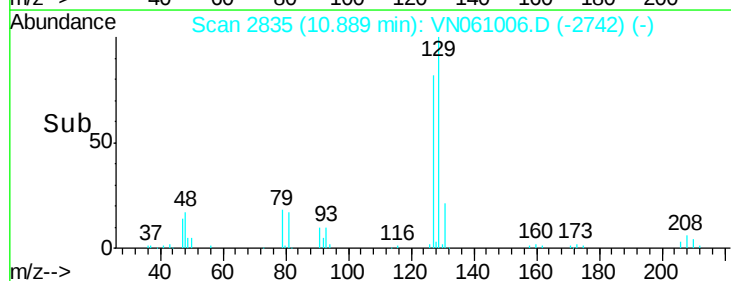
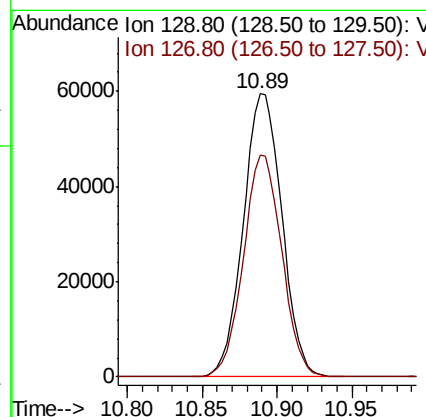
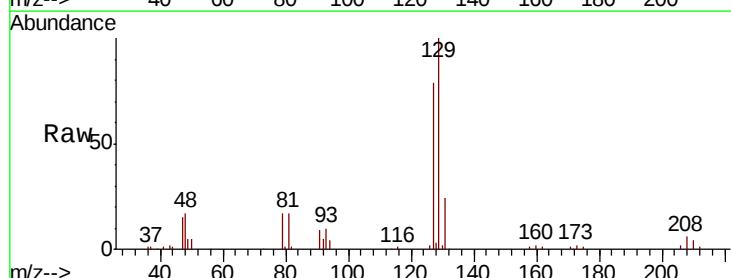
Instrument :
MSVOA_N
ClientSampleId :

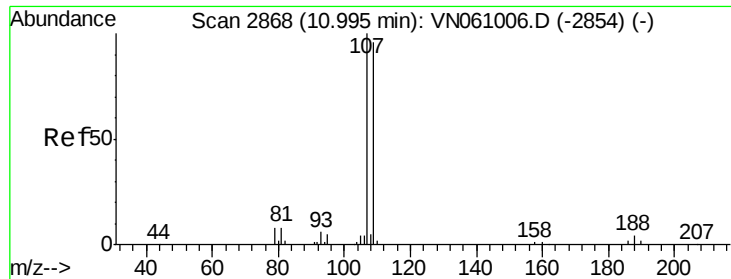
Tot Ion: 43 Resp: 574289
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0



#60
Dibromochloromethane
Concen: 52.727 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 129 Resp: 107090
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9

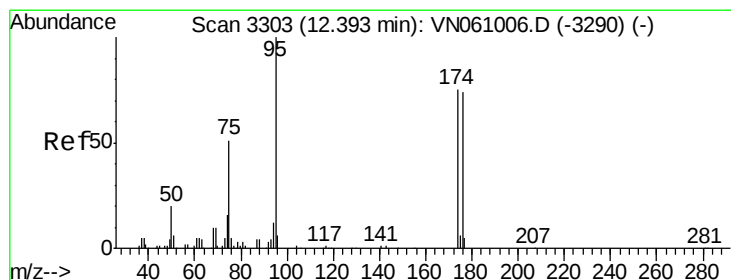
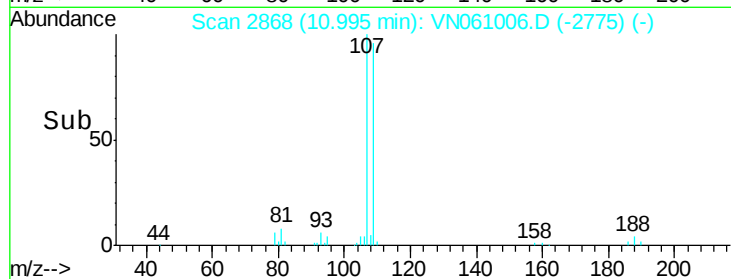
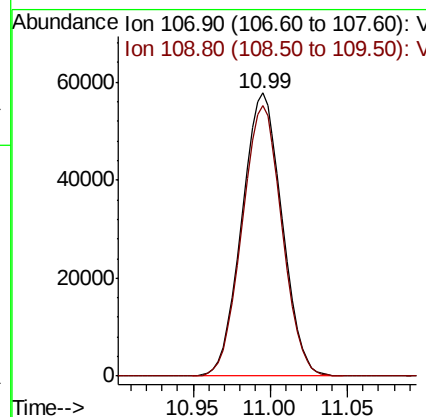
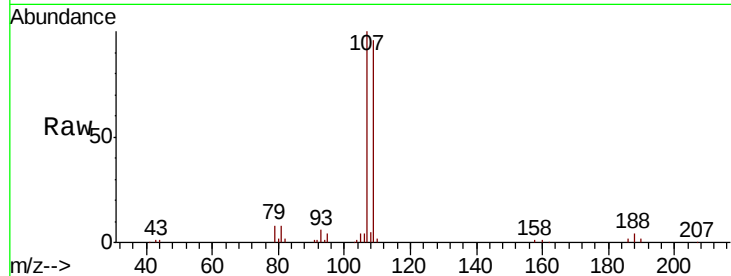




#61
 1,2-Dibromoethane
 Concen: 52.773 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

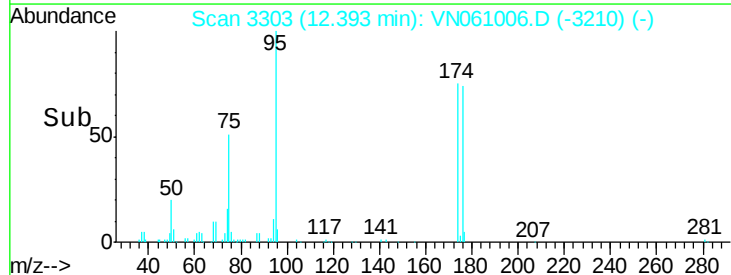
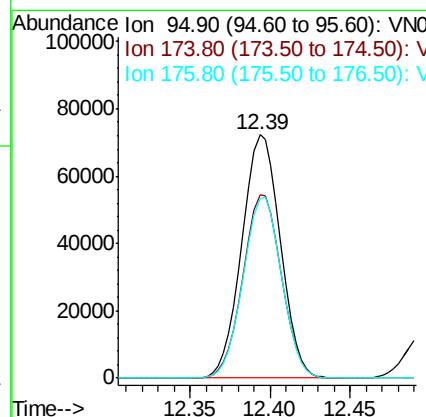
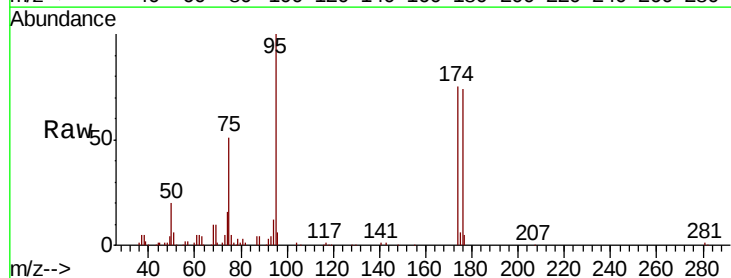
Instrument :
 MSVOA_N
 ClientSampleId :

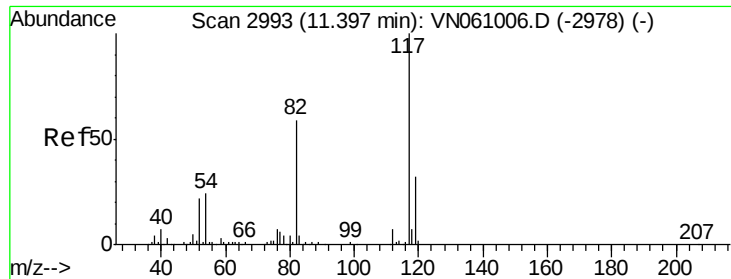
Tot Ion:107 Resp: 104343
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.268 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 95 Resp: 118575
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 151.2
 176 74.1 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: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

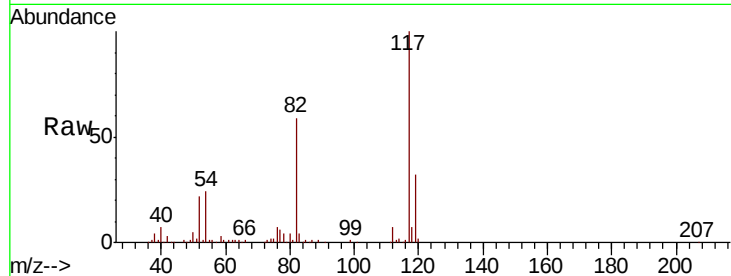
Tot Ion:117 Resp: 264942

Ion Ratio Lower Upper

117 100

82 58.9 47.1 70.7

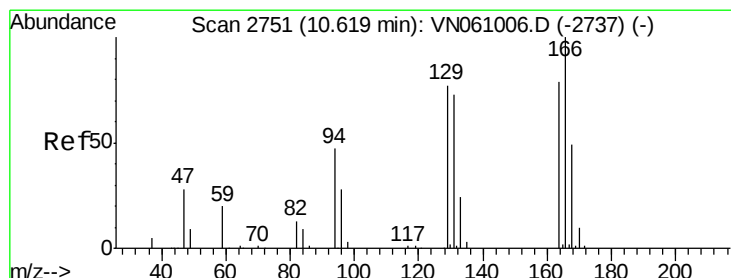
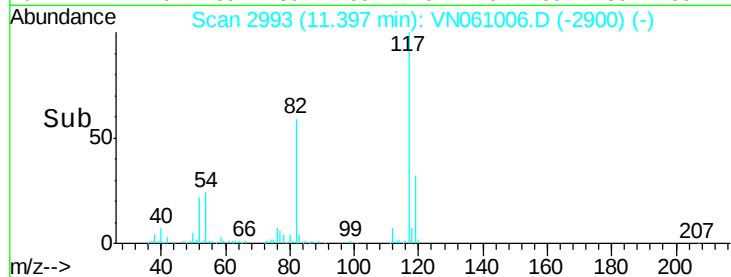
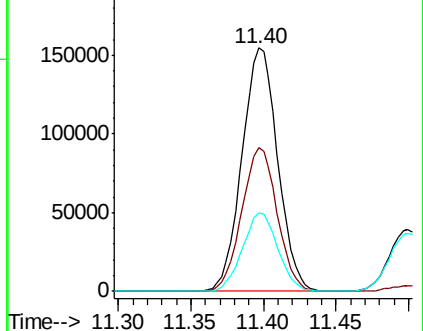
119 32.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.534 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:164 Resp: 100675

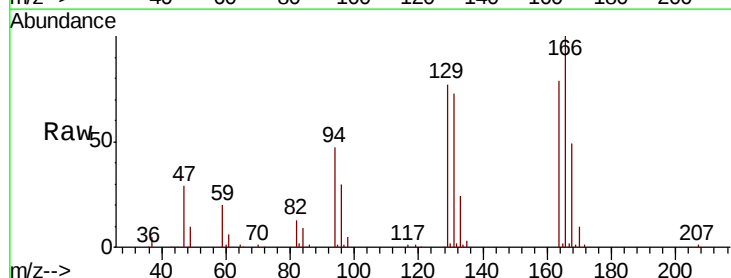
Ion Ratio Lower Upper

164 100

166 127.0 101.6 152.4

129 98.1 78.5 117.7

131 92.9 74.3 111.5

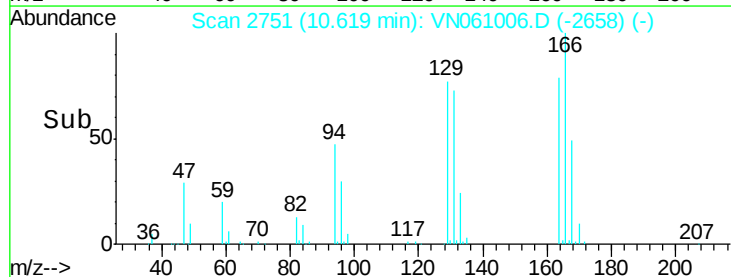
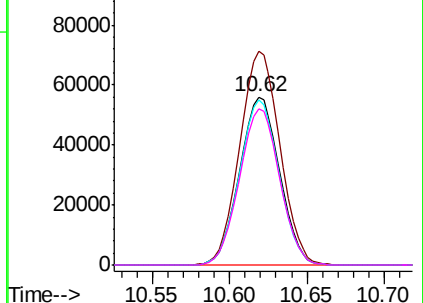


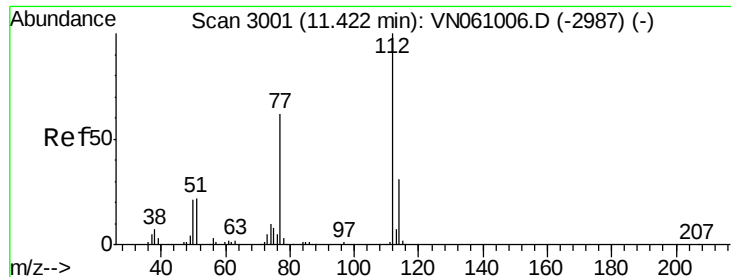
Abundance Ion 163.80 (163.50 to 164.50): V

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

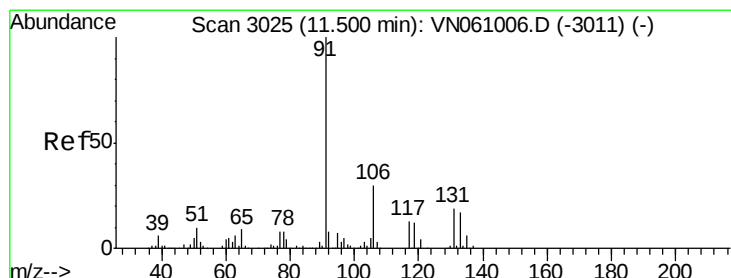
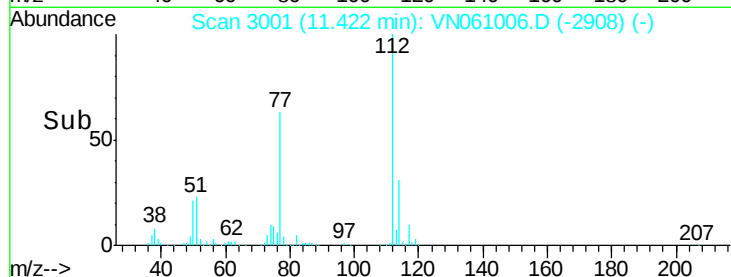
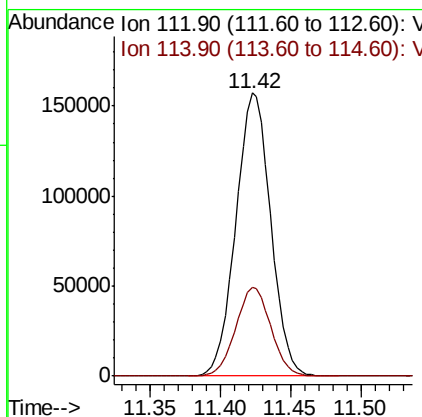
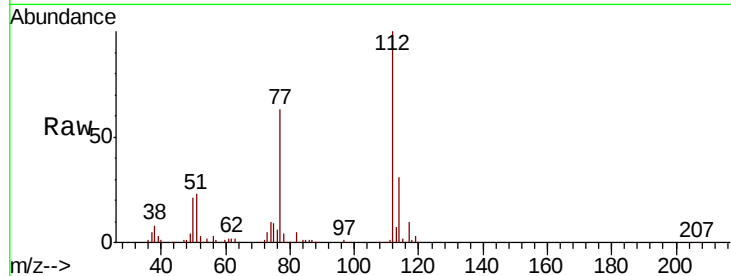




#65
Chlorobenzene
Concen: 51.563 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

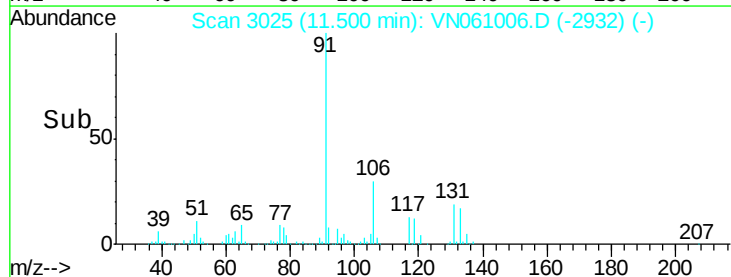
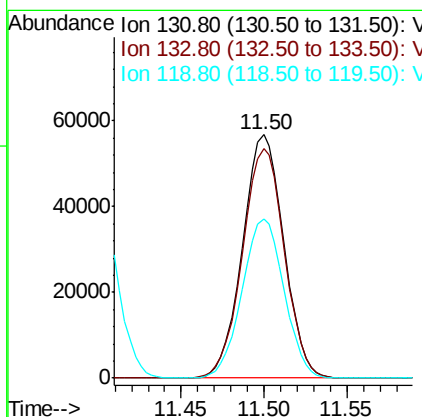
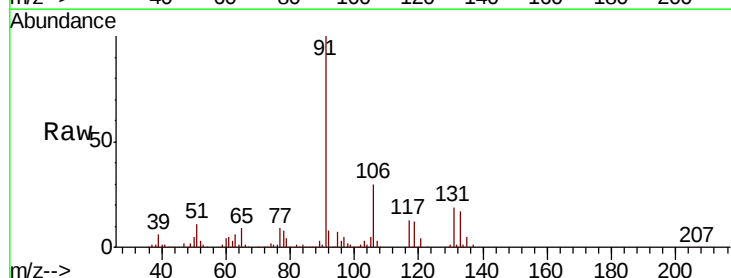
Instrument :
MSVOA_N
ClientSampleId :

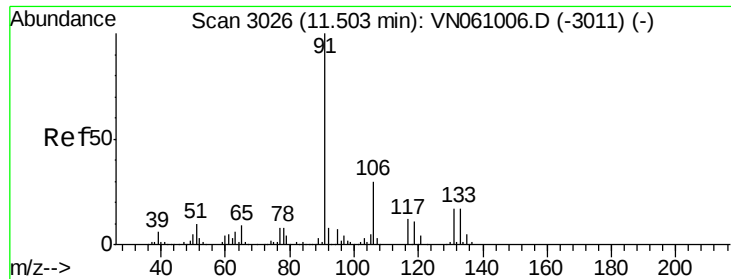
Tot Ion:112 Resp: 272399
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.343 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion:131 Resp: 98059
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 66.5 33.3 99.8

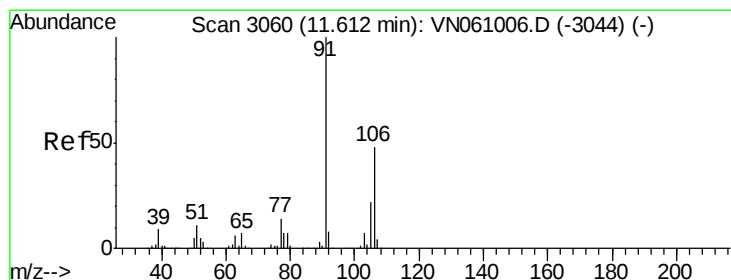
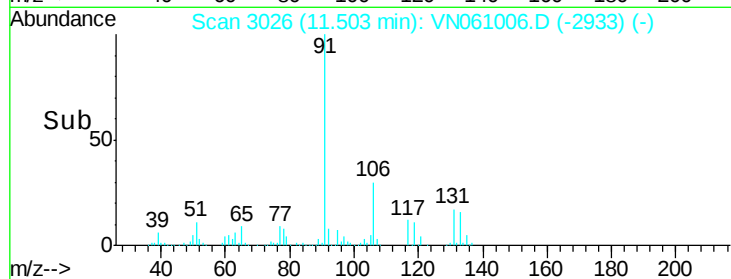
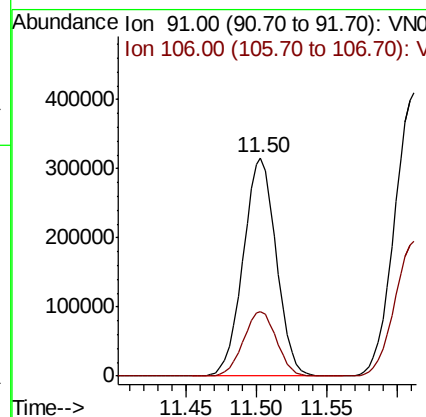
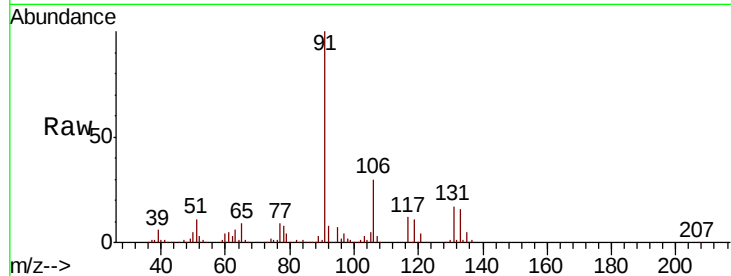




#67
Ethyl Benzene
Concen: 52.627 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

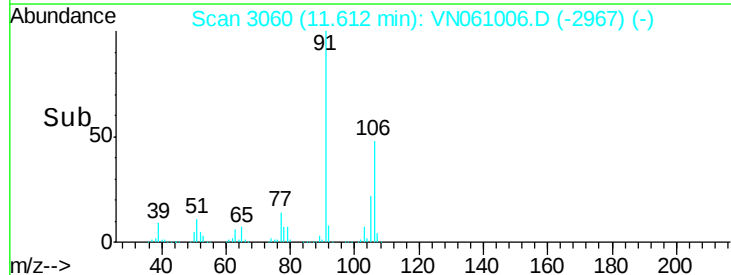
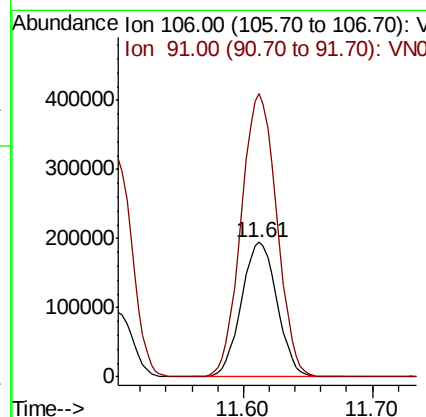
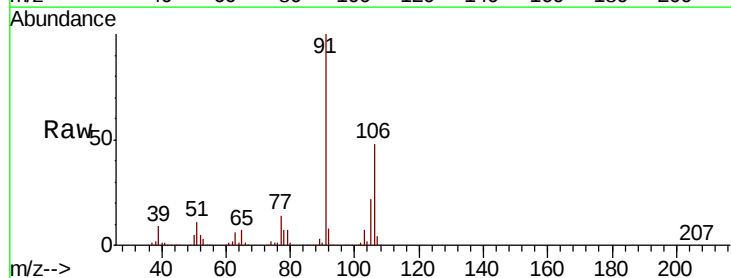
Instrument :
MSVOA_N
ClientSampled :

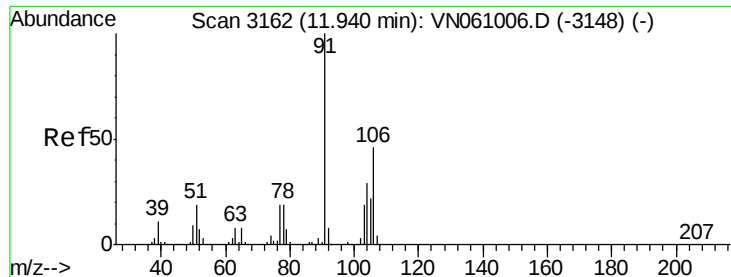
Tot Ion: 91 Resp: 517069
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 103.023 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 106 Resp: 374634
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9

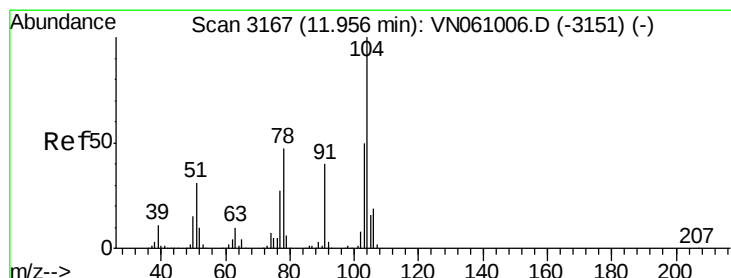
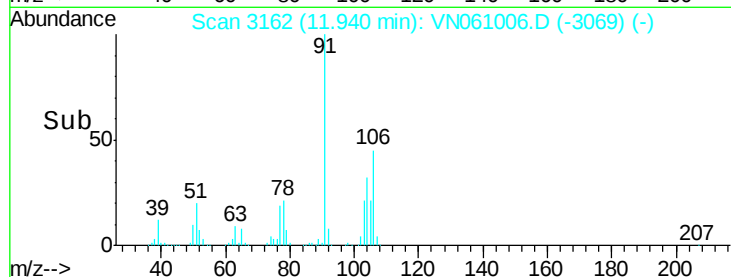
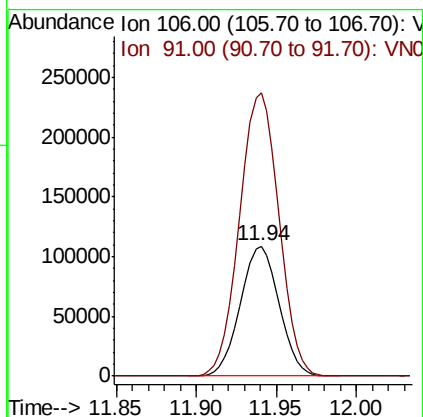
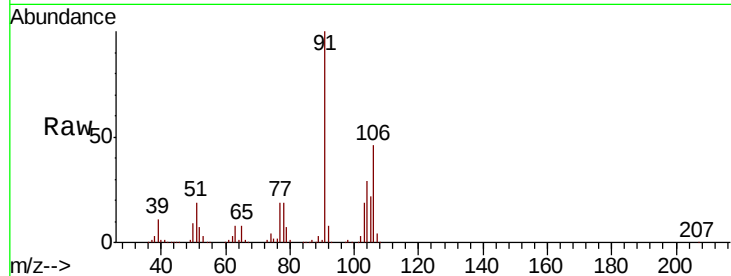




#69
o-Xylene
Concen: 51.722 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

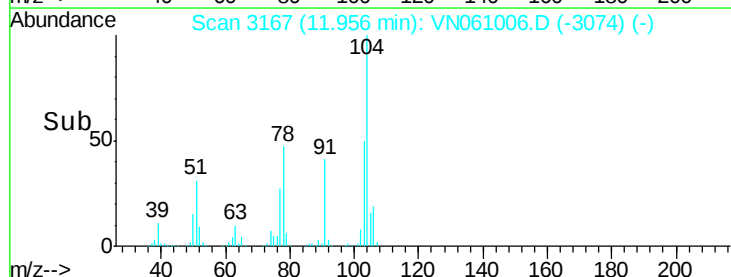
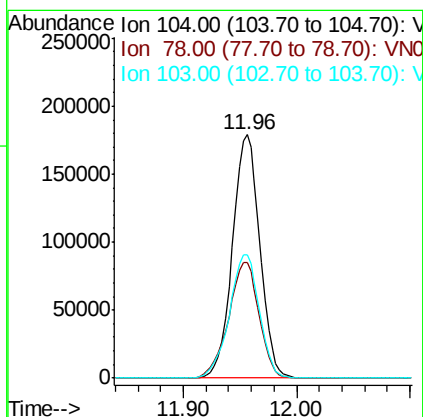
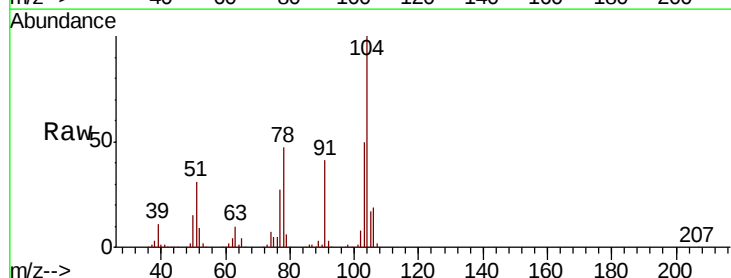
Instrument :
MSVOA_N
ClientSampled :

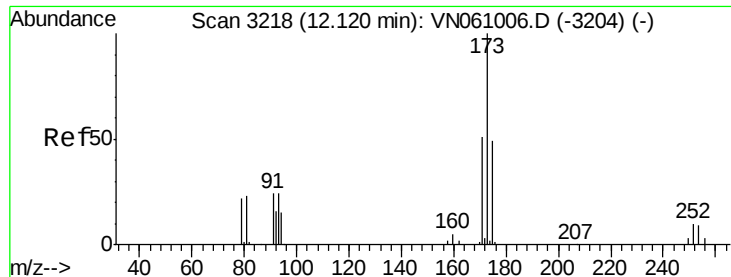
Tot Ion:106 Resp: 179504
Ion Ratio Lower Upper
106 100
91 221.4 110.7 332.1



#70
Styrene
Concen: 53.031 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion:104 Resp: 301336
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.5 44.4 66.6

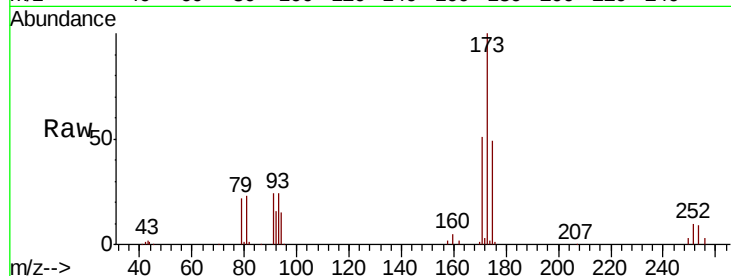




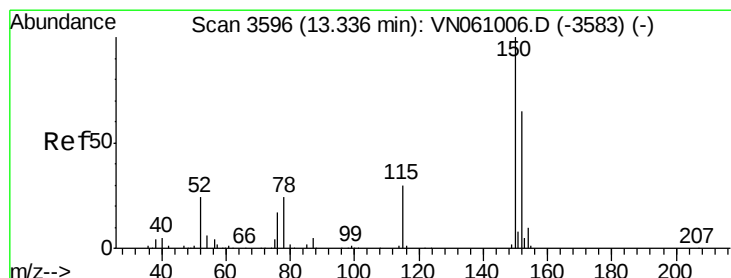
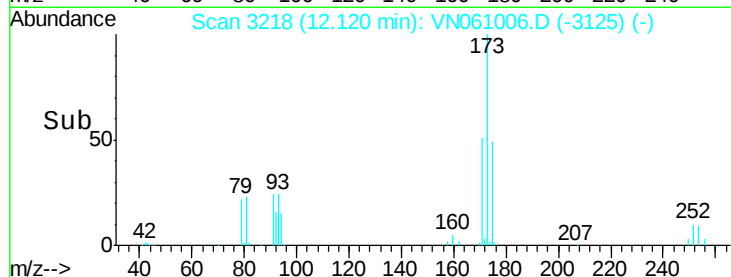
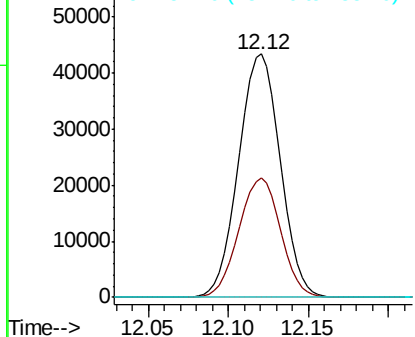
#71
 Bromoform
 Concen: 54.206 ug/l
 RT: 12.12 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:173 Resp: 77156
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.5 73.5
 254 0.0 0.0 0.0

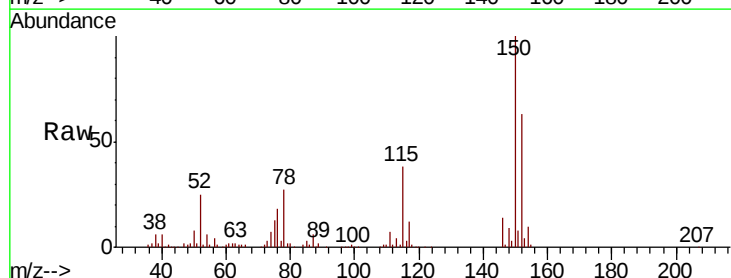


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

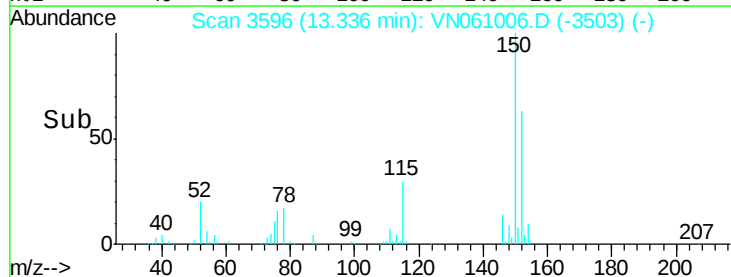
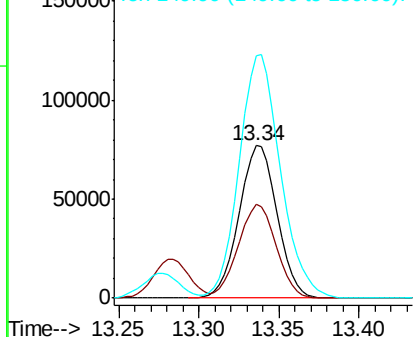


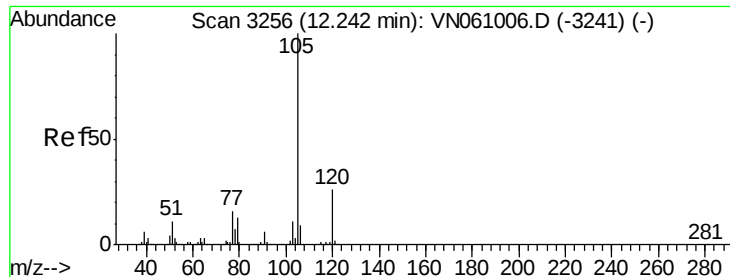
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion:152 Resp: 124549
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.8 92.4
 150 174.5 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: 51.633 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

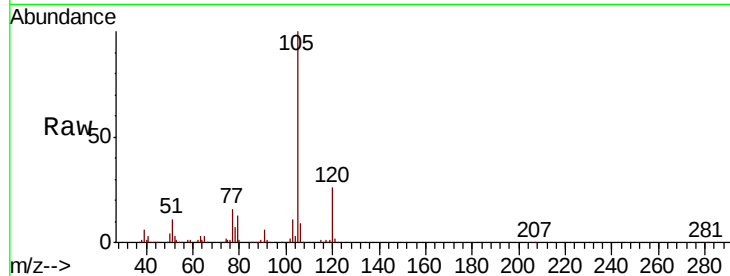
ClientSampleId :

Tot Ion:105 Resp: 485382

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

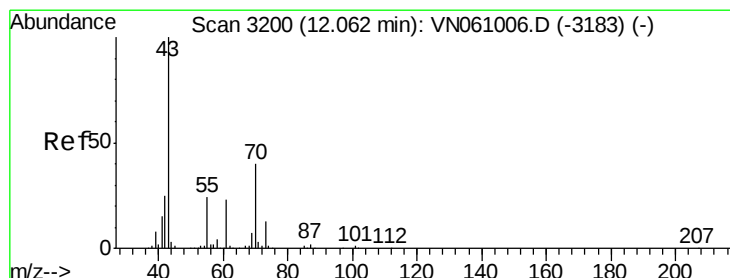
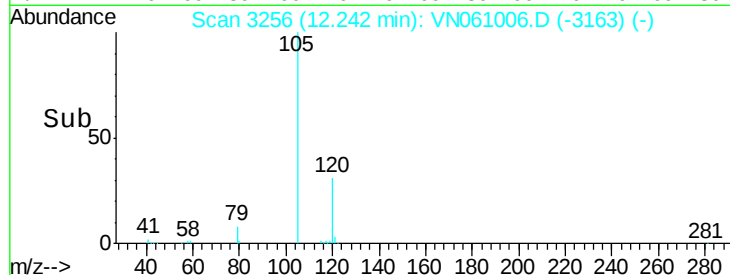
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 53.146 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion: 43 Resp: 231817

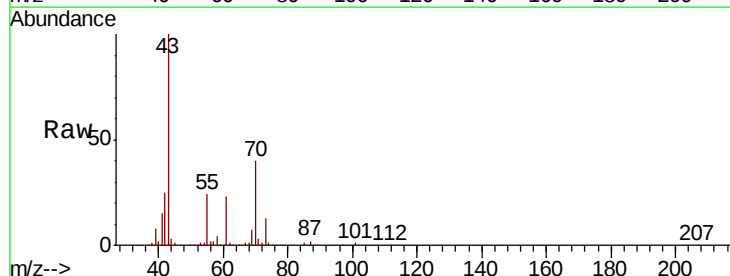
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.2 18.6 27.8

61 22.8 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

12.06

200000

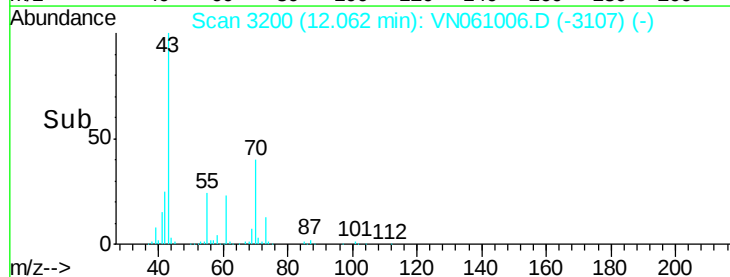
150000

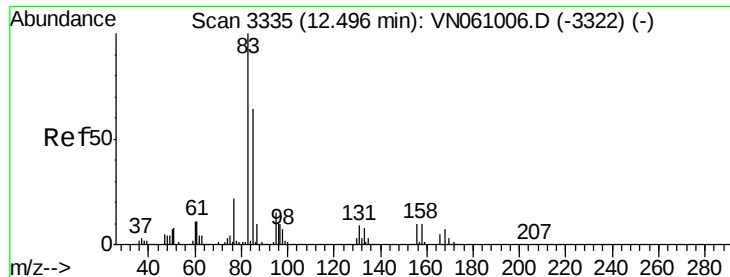
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 52.531 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

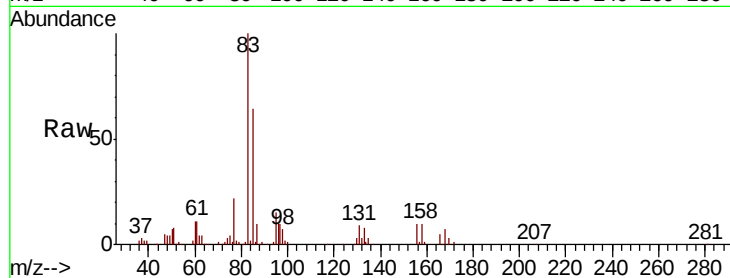
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 83 Resp: 150105

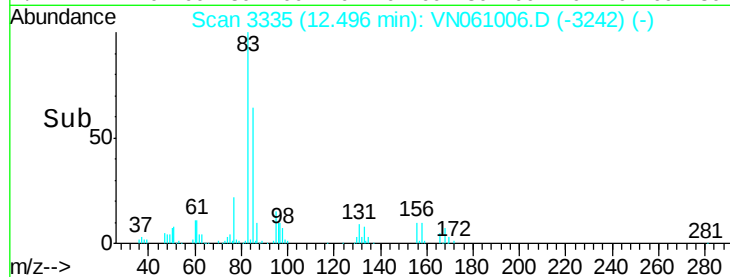
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	64.5	32.3	96.8



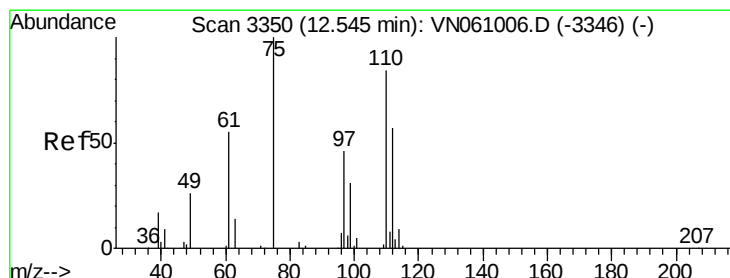
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 76.678 ug/l

RT: 12.54 min Scan# 3350

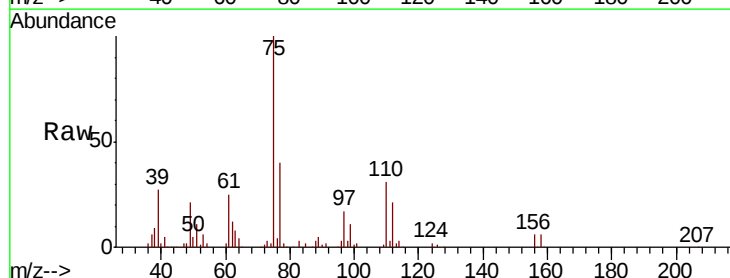
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

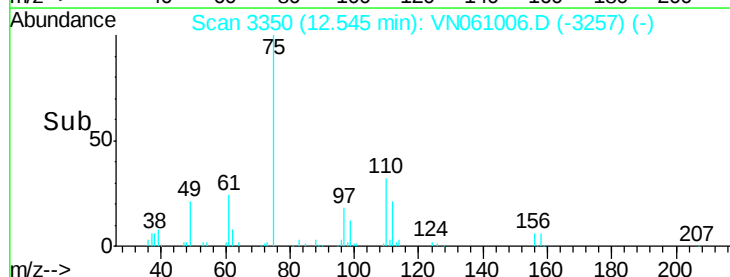
Tgt Ion: 75 Resp: 206826

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

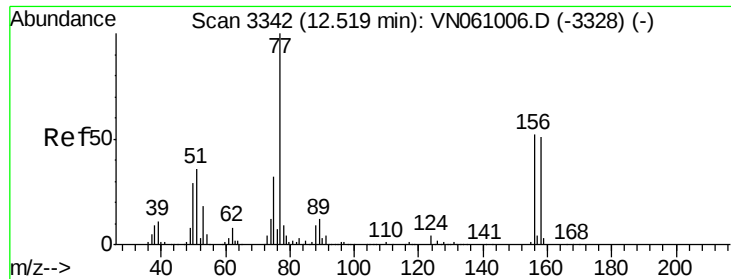


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 49.919 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

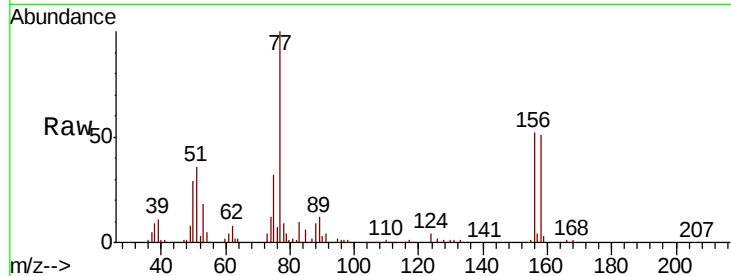
Tot Ion:156 Resp: 112646

Ion Ratio Lower Upper

156 100

77 231.2 115.6 346.8

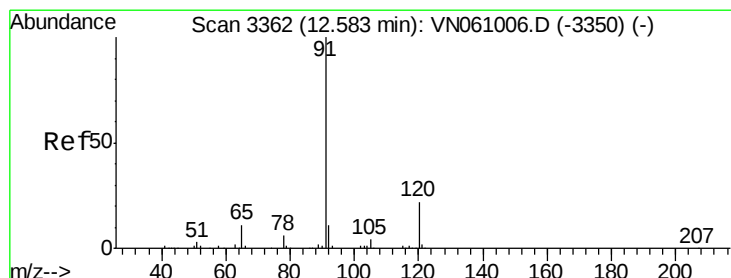
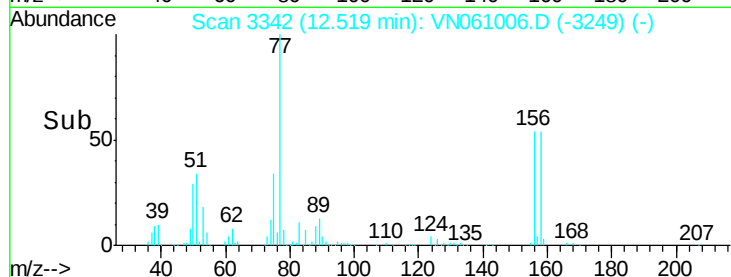
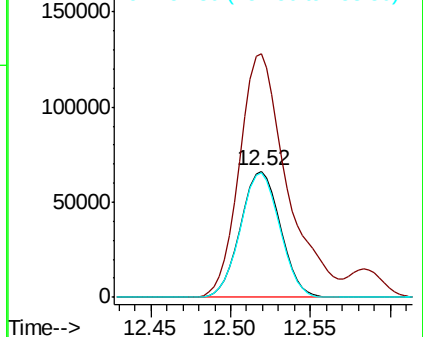
158 97.7 48.9 146.6



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: 52.513 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061006.D

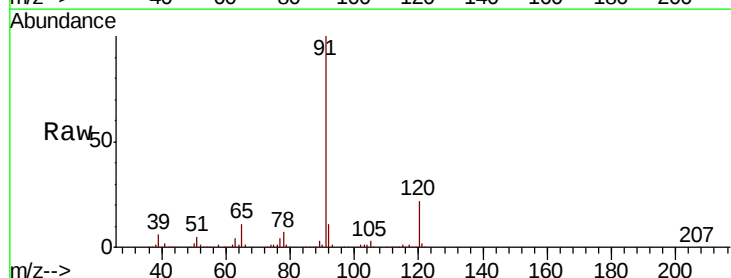
Acq: 16 Apr 2020 12:18

Tgt Ion: 91 Resp: 585099

Ion Ratio Lower Upper

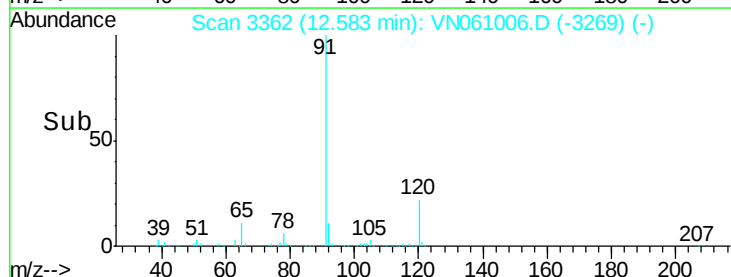
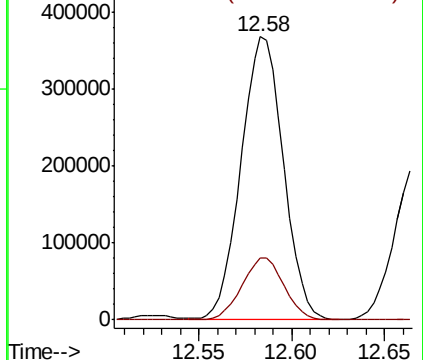
91 100

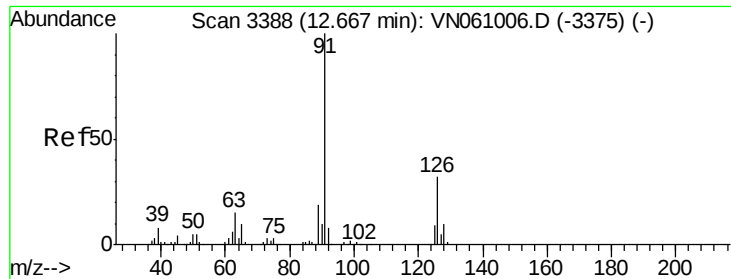
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.792 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

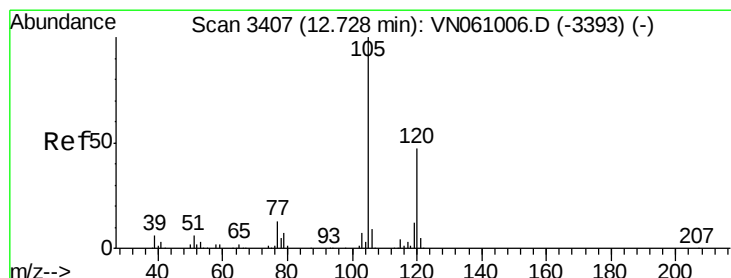
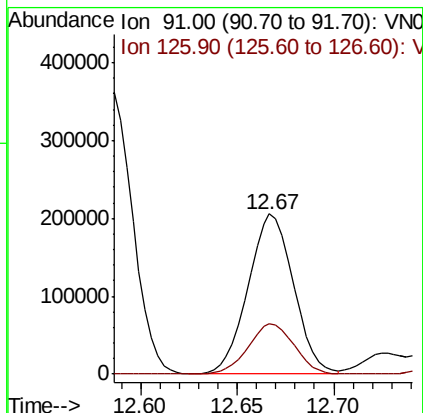
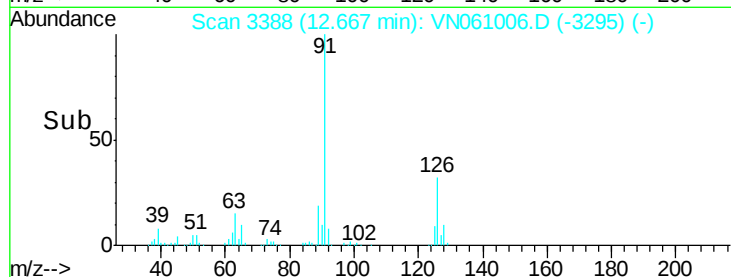
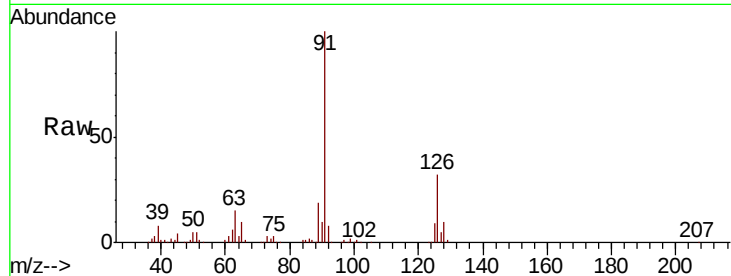
ClientSampled :

Tot Ion: 91 Resp: 336818

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 51.765 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061006.D

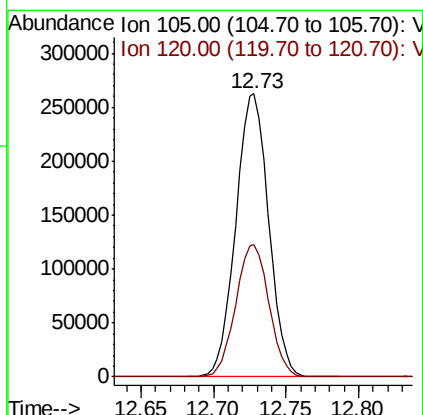
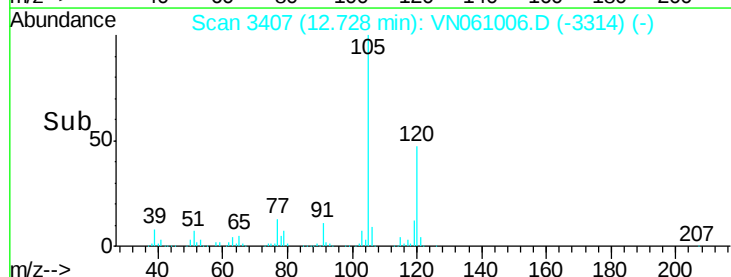
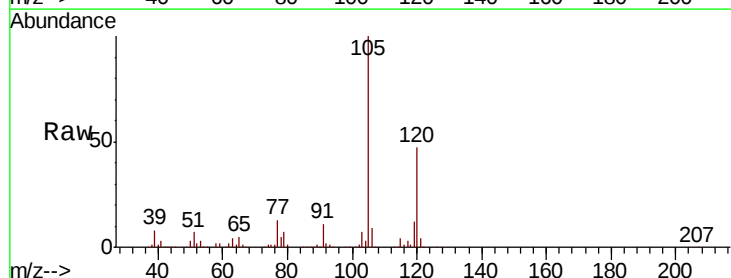
Acq: 16 Apr 2020 12:18

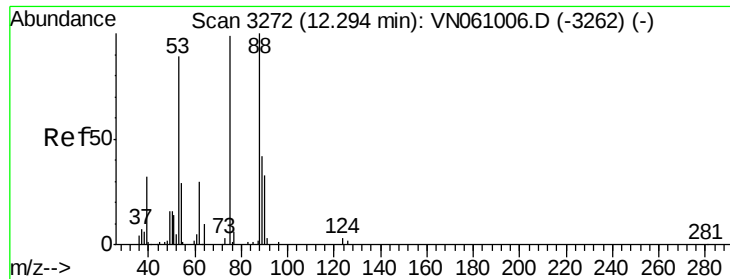
Tgt Ion: 105 Resp: 413281

Ion Ratio Lower Upper

105 100

120 47.2 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.169 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

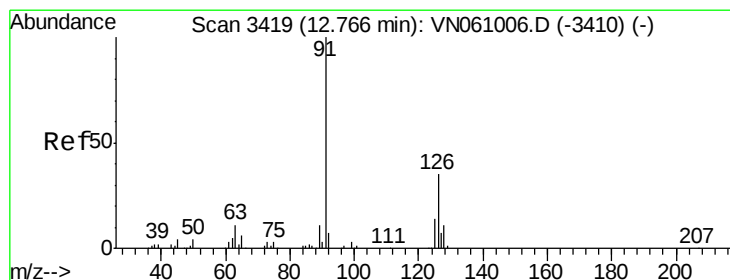
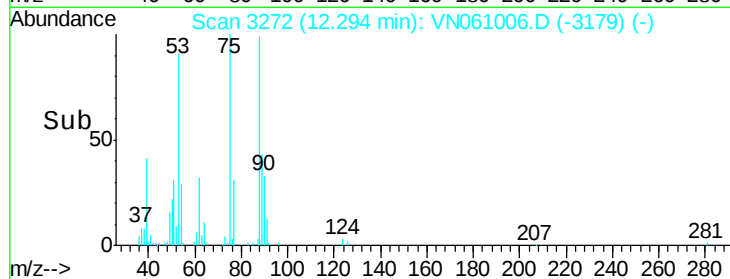
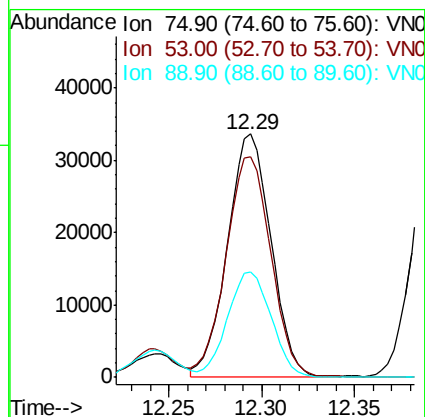
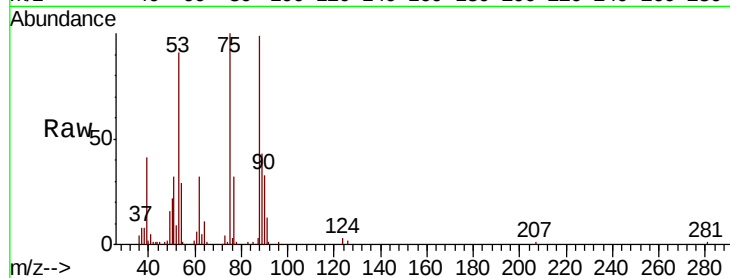
Tot Ion: 75 Resp: 55076

Ion Ratio Lower Upper

75 100

53 93.4 74.7 112.1

89 43.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 51.961 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061006.D

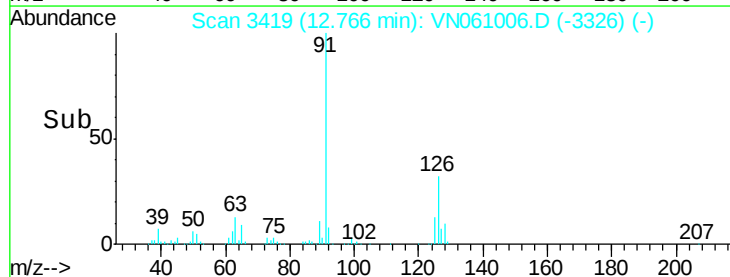
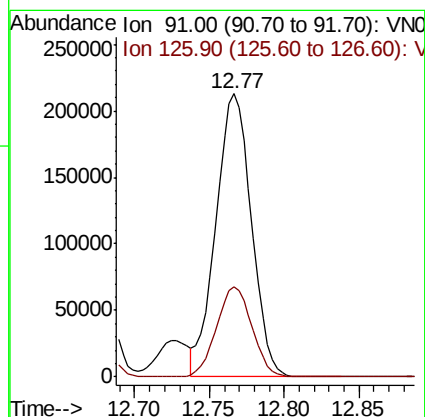
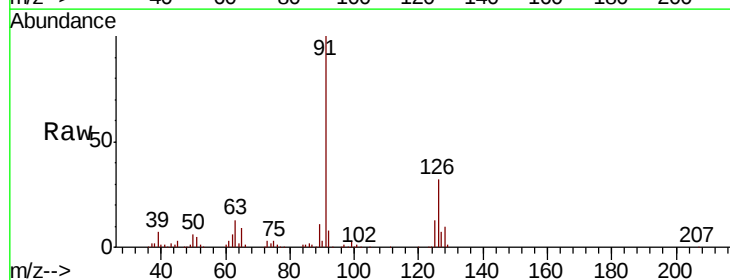
Acq: 16 Apr 2020 12:18

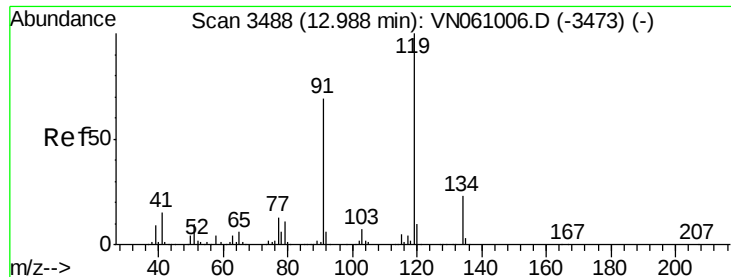
Tgt Ion: 91 Resp: 351736

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6

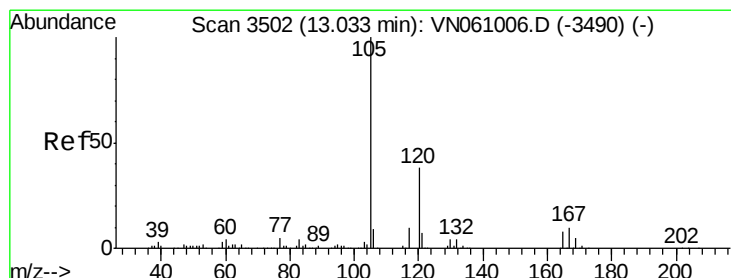
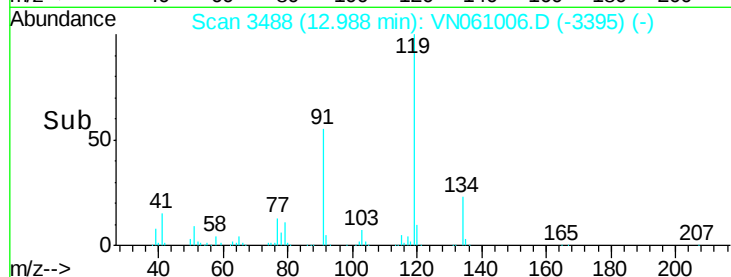
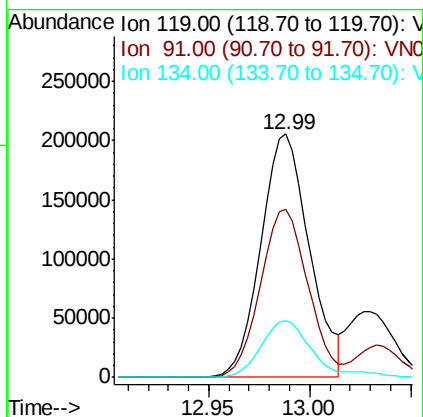
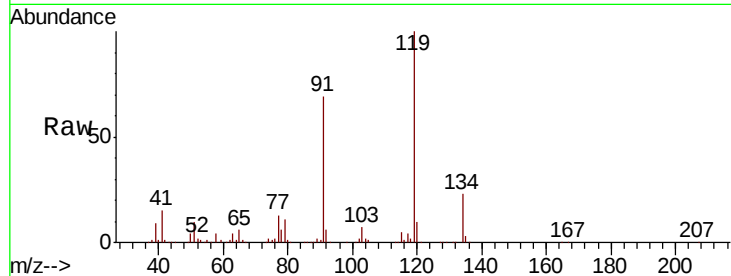




#83
 tert-Butylbenzene
 Concen: 51.811 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

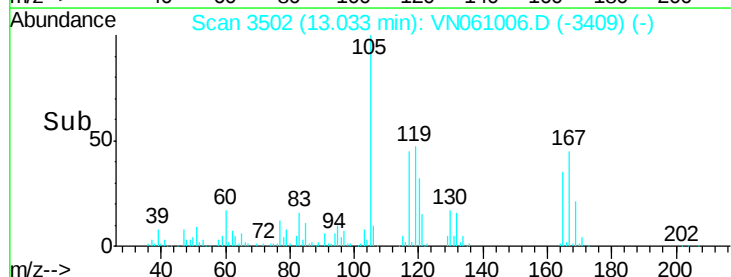
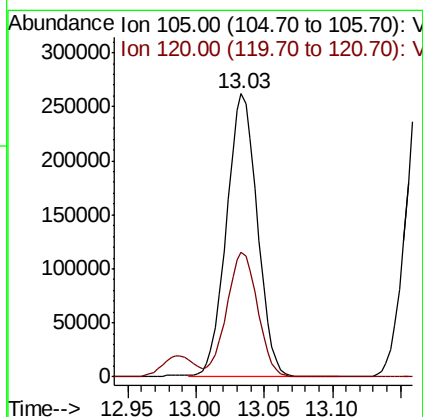
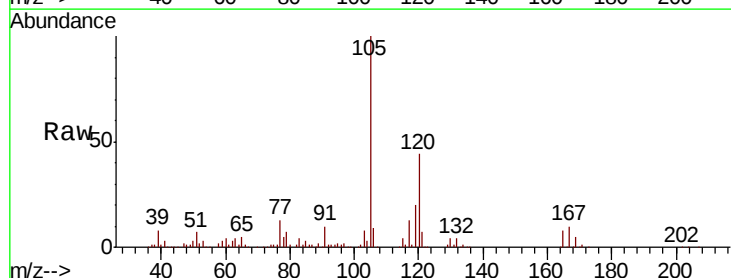
Instrument :
 MSVOA_N
 ClientSampled :

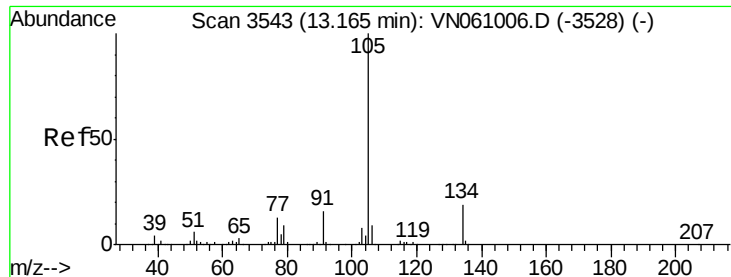
Tot Ion:119 Resp: 342962
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.1 102.3
 134 24.8 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 52.032 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion:105 Resp: 410647
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 52.917 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

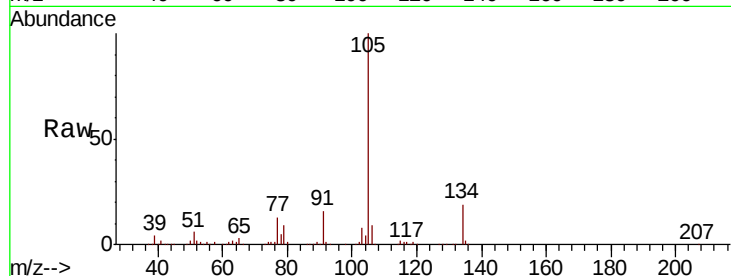
ClientSampleId :

Tot Ion:105 Resp: 472152

Ion Ratio Lower Upper

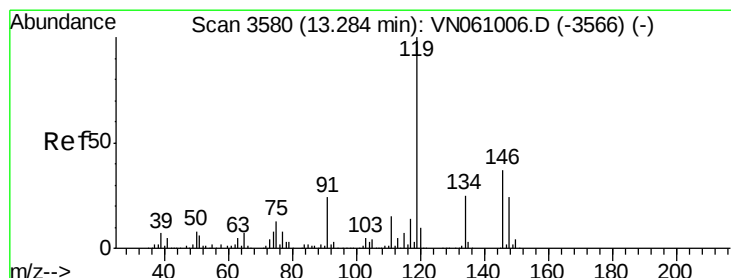
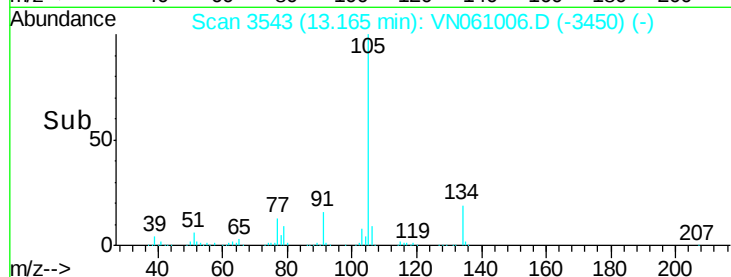
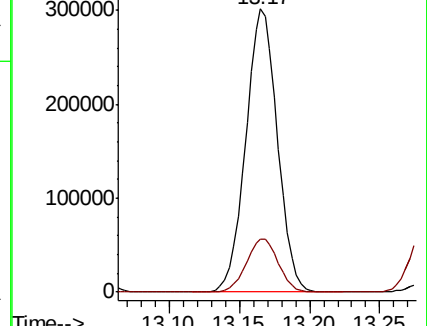
105 100

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: 52.466 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

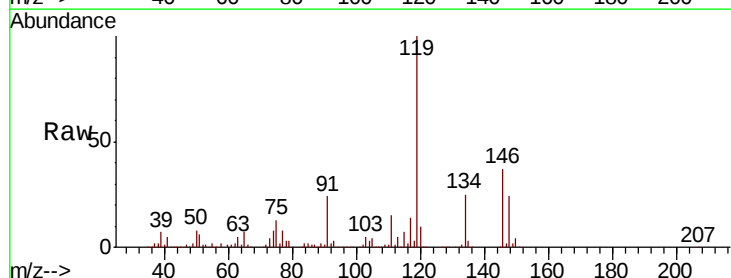
Tgt Ion:119 Resp: 420553

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

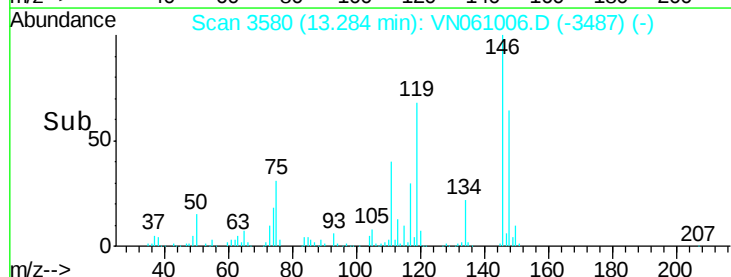
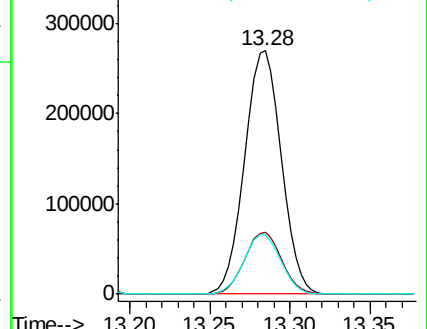
91 24.5 12.3 36.8

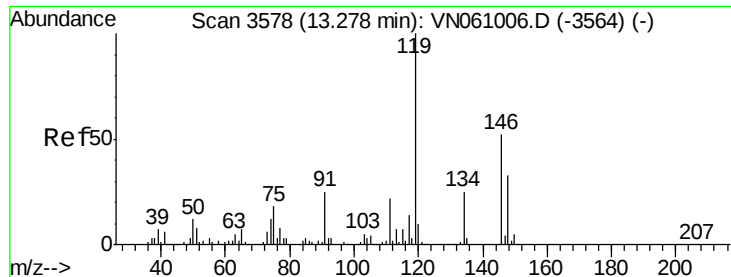


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.451 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

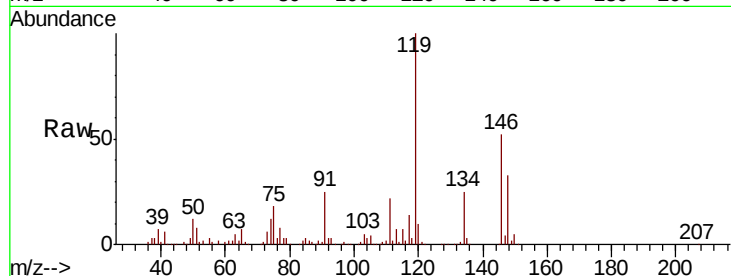
Tot Ion:146 Resp: 205516

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

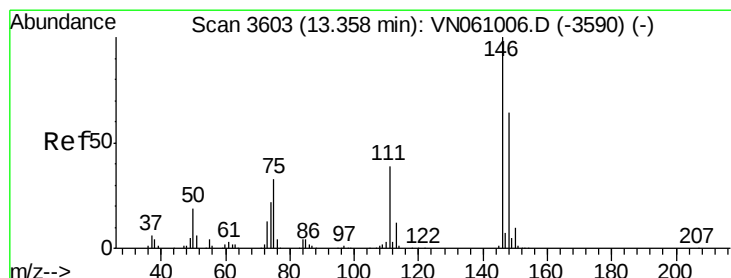
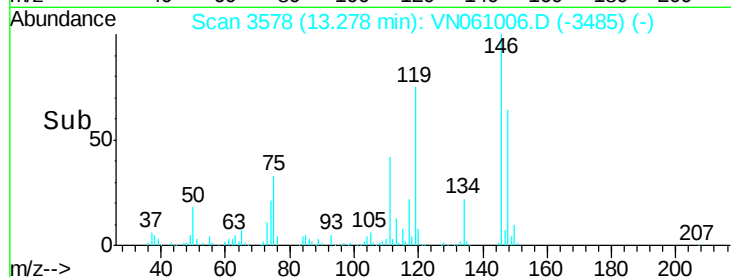
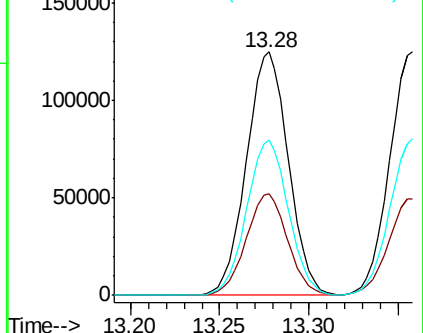
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.050 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

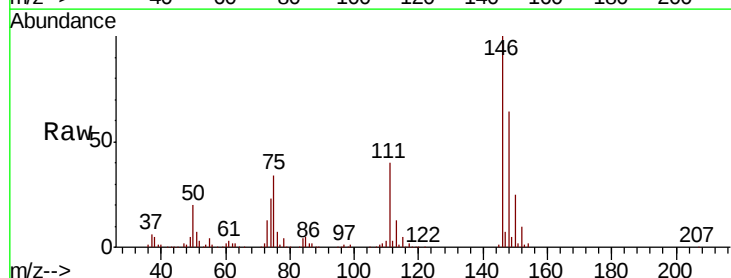
Tgt Ion:146 Resp: 204579

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

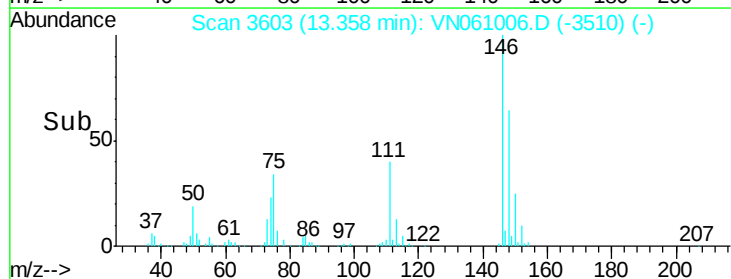
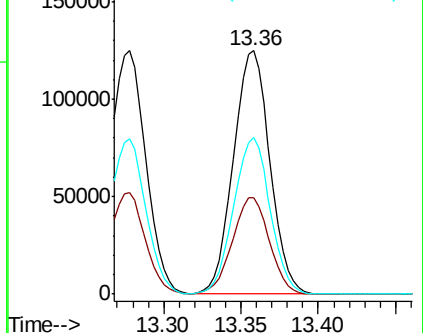
148 64.2 32.1 96.3

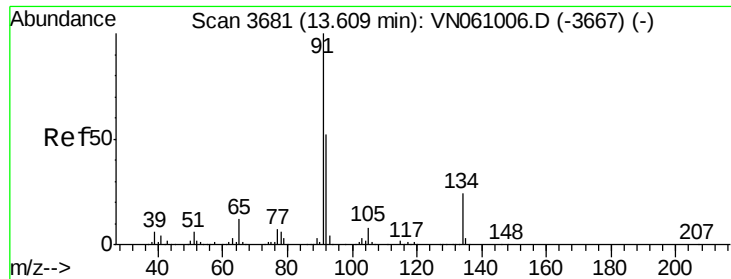


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

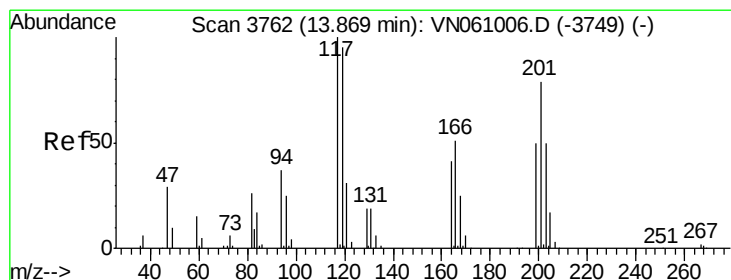
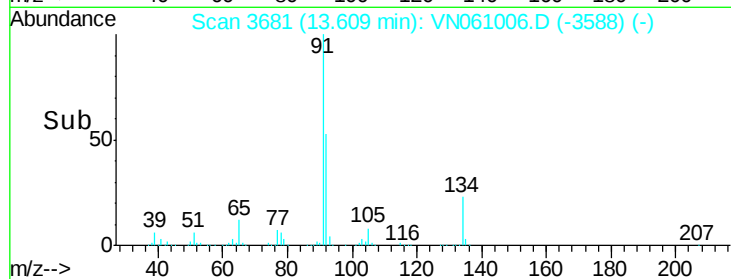
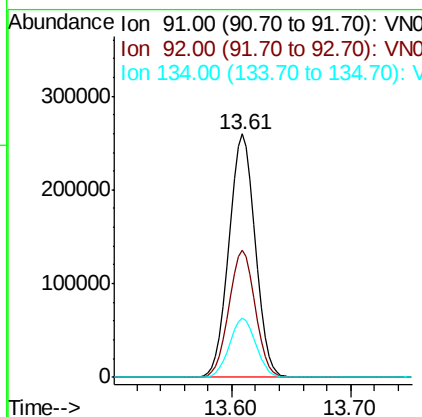
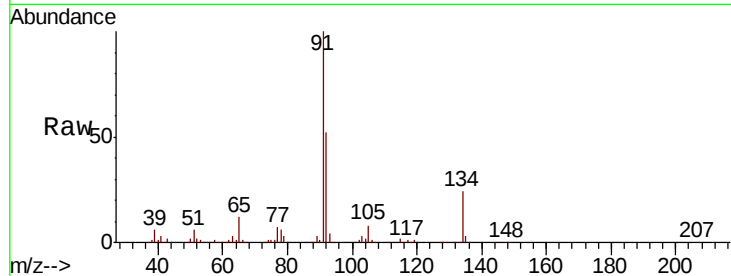




#89
n-Butylbenzene
Concen: 54.599 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

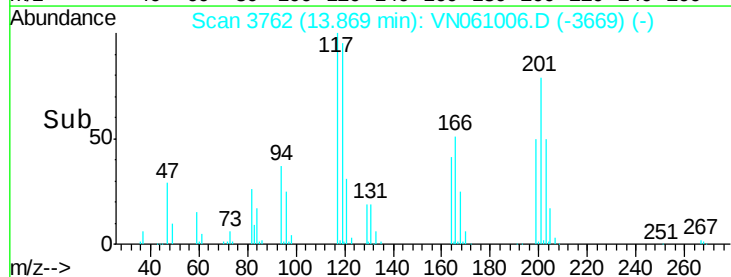
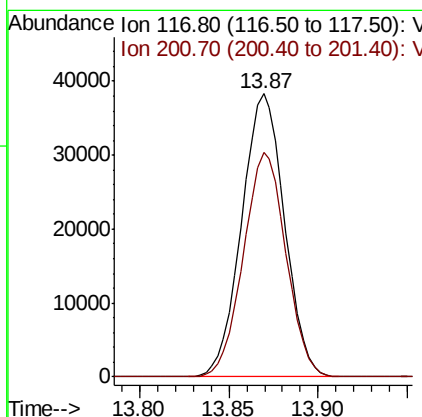
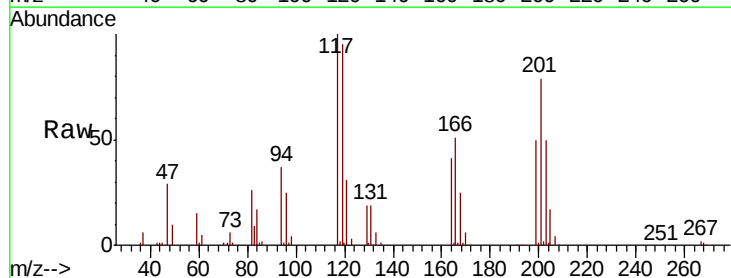
Instrument :
MSVOA_N
ClientSampleId :

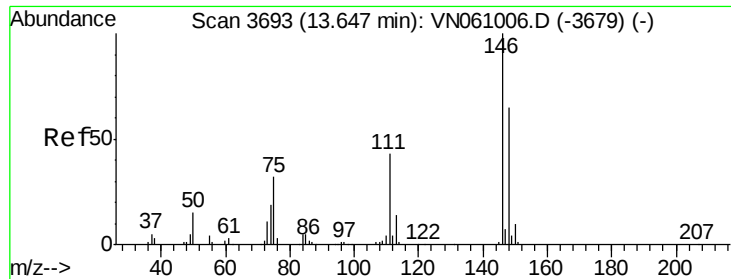
Tot Ion: 91 Resp: 397093
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 54.893 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 117 Resp: 64155
Ion Ratio Lower Upper
117 100
201 78.6 39.3 117.9

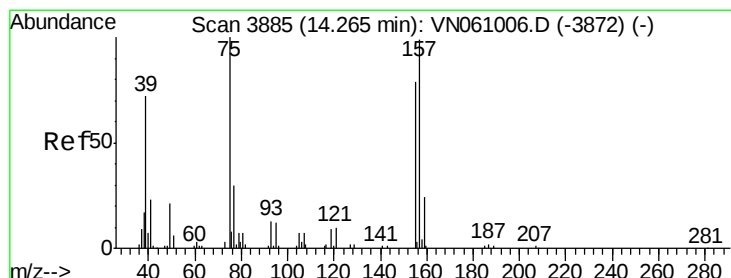
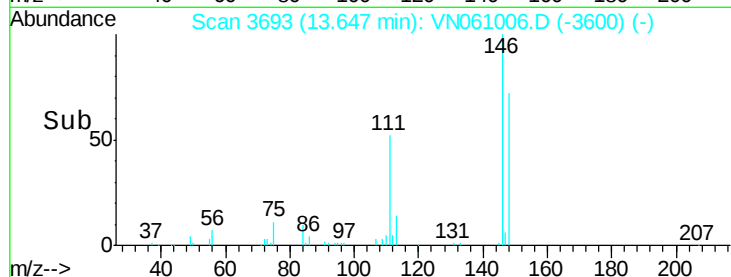
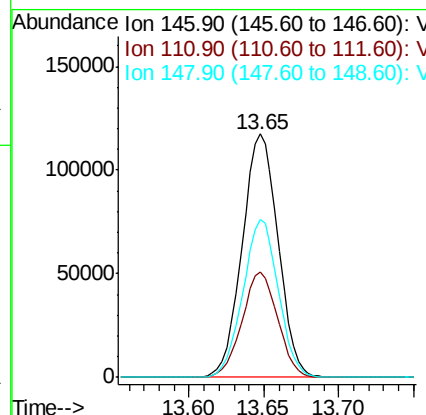
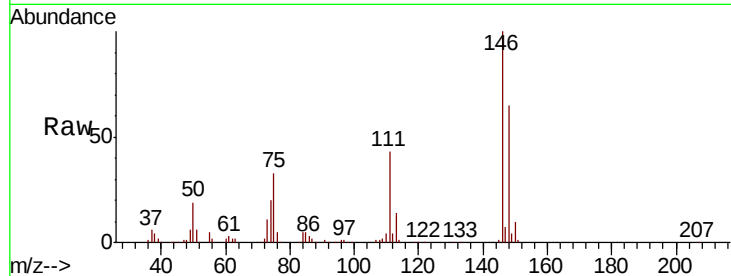




#91
 1,2-Dichlorobenzene
 Concen: 51.545 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

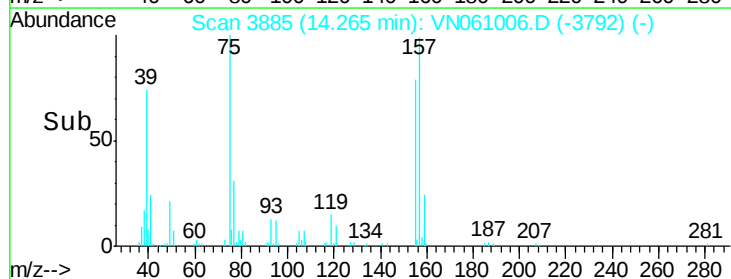
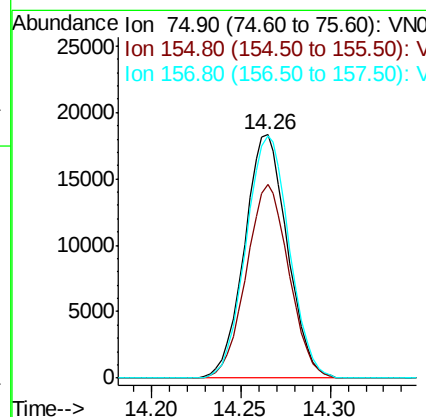
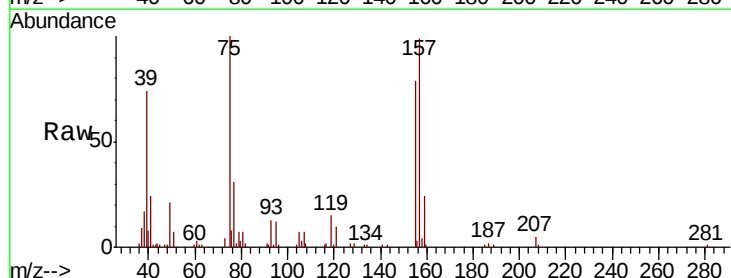
Instrument :
 MSVOA_N
 ClientSampleId :

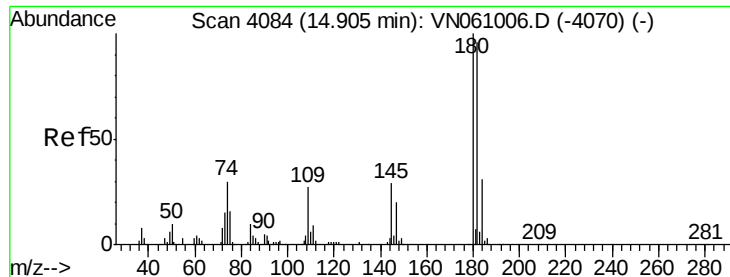
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	64.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.121 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	39.5	118.5
157	100.3	50.1	150.4

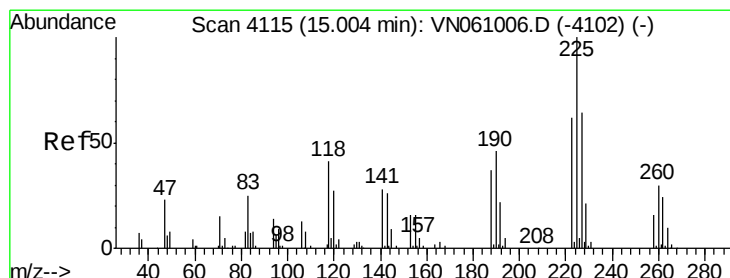
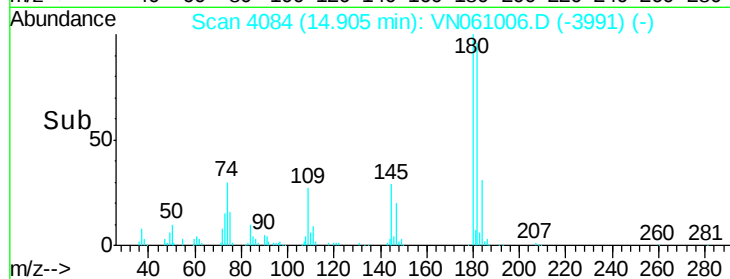
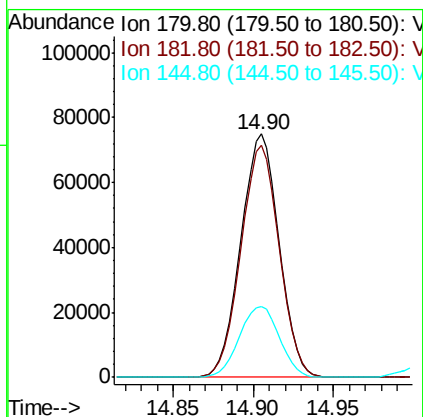
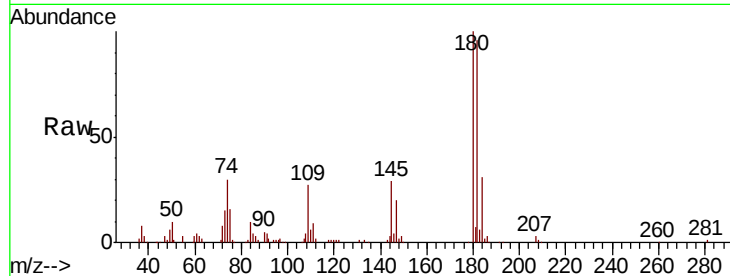




#93
 1,2,4-Trichlorobenzene
 Concen: 52.423 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

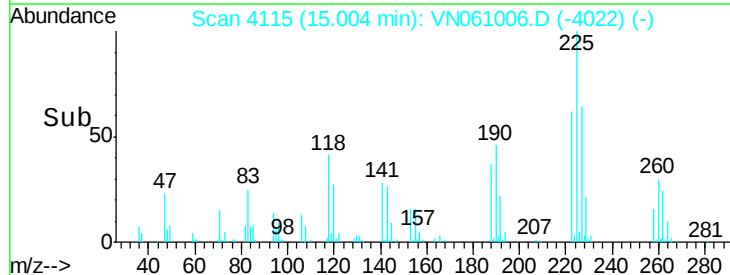
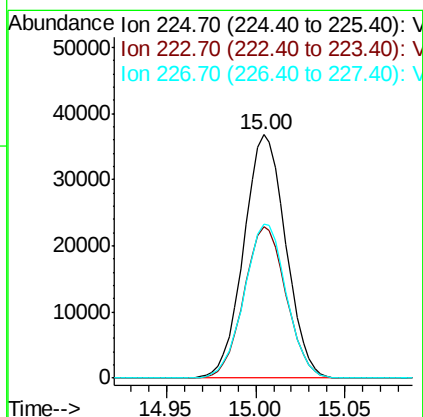
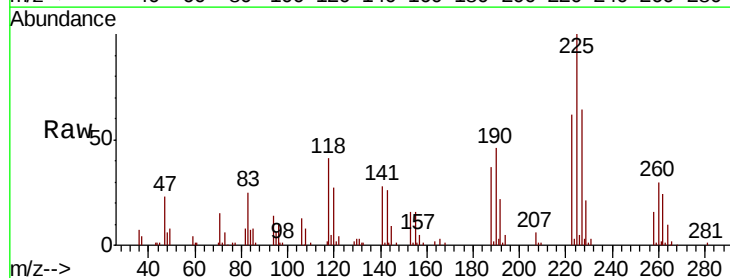
Instrument :
 MSVOA_N
 ClientSampleId :

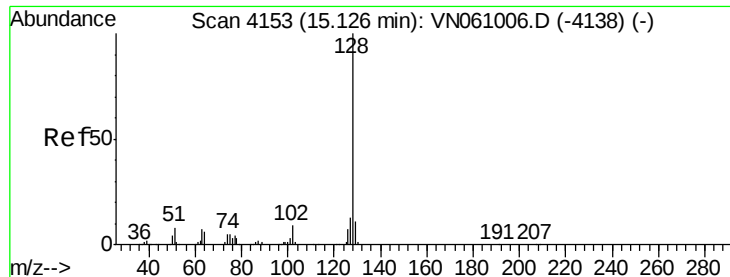
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.5	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 52.306 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.7	31.9	95.5

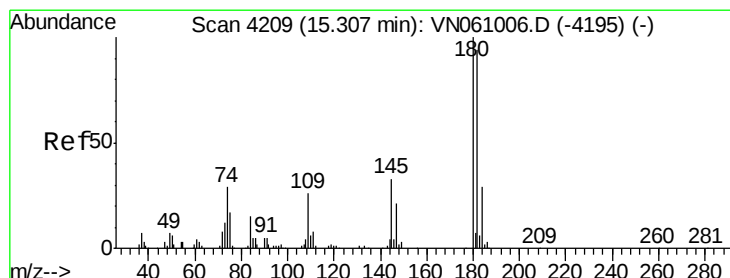
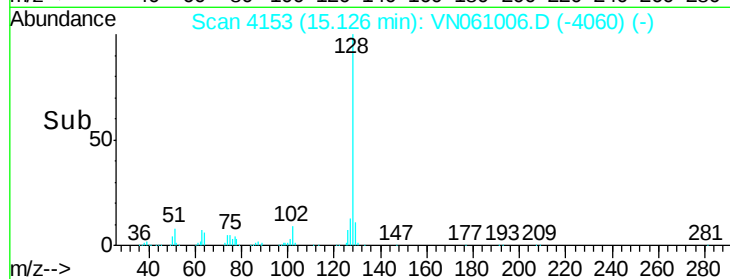
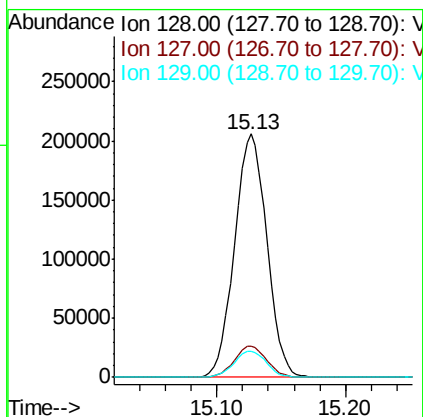
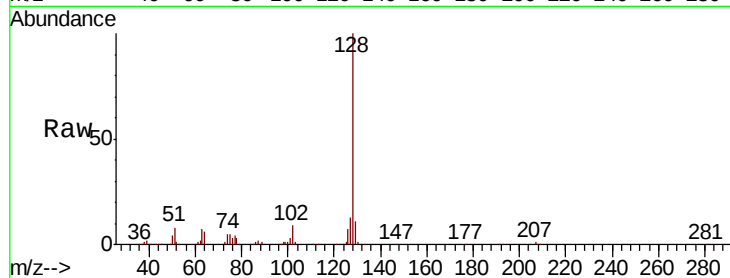




#95
Naphthalene
Concen: 51.157 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 357783
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.977 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion:180 Resp: 117386
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 32.8 16.4 49.2

