

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061346.D
 Acq On : 7 May 2020 19:58
 Operator : JC/MD
 Sample : L2548-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	157105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77287	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.55	113	47478	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.06	98	203599	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	76893	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	45695	44.637	ug/l	100
3) Chloromethane	2.03	50	63405	51.140	ug/l	100
4) Vinyl Chloride	2.16	62	71544	50.805	ug/l	100
5) Bromomethane	2.53	94	28430	40.842	ug/l	98
6) Chloroethane	2.67	64	44073	49.377	ug/l	99
7) Trichlorofluoromethane	2.98	101	88637	55.790	ug/l	99
8) Diethyl Ether	3.37	74	36189	54.609	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50119	48.967	ug/l	100
10) Methyl Iodide	3.91	142	50746	38.579	ug/l	99
11) Tert butyl alcohol	4.73	59	51047	249.467	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50072	49.160	ug/l	98
13) Acrolein	3.56	56	25978	190.507	ug/l	99
14) Allyl chloride	4.27	41	106076	56.167	ug/l	99
15) Acrylonitrile	4.93	53	164622	262.077	ug/l	99
16) Acetone	3.77	43	147641	249.911	ug/l	100
17) Carbon Disulfide	4.01	76	109377	38.874	ug/l	99
18) Methyl Acetate	4.27	43	84753	44.036	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	195246	50.166	ug/l	99
20) Methylene Chloride	4.50	84	58841	49.400	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	54644	49.268	ug/l	99
22) Diisopropyl ether	5.90	45	228896	52.266	ug/l	99
23) Vinyl Acetate	5.84	43	850123	241.083	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115531	50.490	ug/l	100
25) 2-Butanone	6.78	43	227879	252.110	ug/l	98
26) 2,2-Dichloropropane	6.77	77	90538	46.976	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	69571	53.452	ug/l	100
28) Bromochloromethane	7.15	49	59497	54.859	ug/l	96
29) Tetrahydrofuran	7.17	42	154173	253.208	ug/l	98
30) Chloroform	7.33	83	115775	49.928	ug/l	99
31) Cyclohexane	7.61	56	95101	42.796	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	99042	49.050	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82373	48.822	ug/l	100
37) Ethyl Acetate	6.88	43	93332	47.186	ug/l	100
38) Carbon Tetrachloride	7.73	117	77427	50.284	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78082	41.266	ug/l	97
40) Benzene	8.00	78	245493	48.839	ug/l	99
41) Methacrylonitrile	7.12	41	46370	56.463	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	97431	51.165	ug/l	99
43) Isopropyl Acetate	8.13	43	158929	48.415	ug/l	100
44) Trichloroethene	8.80	130	65553	48.242	ug/l	99
45) 1,2-Dichloropropane	9.08	63	67309	50.122	ug/l	99
46) Dibromomethane	9.17	93	43048	51.773	ug/l	98
47) Bromodichloromethane	9.37	83	92444	51.798	ug/l	99
48) Methyl methacrylate	9.17	41	79172	53.448	ug/l	96
49) 1,4-Dioxane	9.17	88	15647	930.558	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	502117	259.865	ug/l	100
52) Toluene	10.12	92	149261	49.299	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99712	49.584	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102642	48.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59669	49.409	ug/l	98
56) Ethyl methacrylate	10.40	69	96718	46.180	ug/l	100
57) 1,3-Dichloropropane	10.68	76	107996	50.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	572	0.585	ug/l #	49
59) 2-Hexanone	10.72	43	359628	255.830	ug/l	100
60) Dibromochloromethane	10.87	129	64441	50.949	ug/l	99
61) 1,2-Dibromoethane	10.98	107	60058	49.617	ug/l	99
64) Tetrachloroethene	10.60	164	89086	65.471	ug/l	99
65) Chlorobenzene	11.41	112	155573	49.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57687	51.719	ug/l	99
67) Ethyl Benzene	11.48	91	292219	50.090	ug/l	99
68) m/p-Xylenes	11.60	106	210042	98.362	ug/l	96
69) o-Xylene	11.92	106	99796	48.653	ug/l	95
70) Styrene	11.94	104	167013	48.649	ug/l	98
71) Bromoform	12.10	173	42975	52.424	ug/l #	99
73) Isopropylbenzene	12.22	105	274429	47.989	ug/l	100
74) N-amyl acetate	12.04	43	135971	46.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	89477	50.179	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	121278	73.950	ug/l #	100
77) Bromobenzene	12.50	156	64899	49.162	ug/l	99
78) n-propylbenzene	12.57	91	326604	48.151	ug/l	100
79) 2-Chlorotoluene	12.65	91	193931	48.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232175	49.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31026	48.043	ug/l	97
82) 4-Chlorotoluene	12.75	91	206251	49.084	ug/l	98
83) tert-Butylbenzene	12.97	119	188201	47.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	234528	48.095	ug/l	99
85) sec-Butylbenzene	13.15	105	251601	46.240	ug/l	99
86) p-Isopropyltoluene	13.26	119	226600	46.222	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	116620	47.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116949	47.099	ug/l	100
89) n-Butylbenzene	13.59	91	203130	45.197	ug/l	100
90) Hexachloroethane	13.85	117	34395	64.630	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	112091	48.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18388	48.826	ug/l	98

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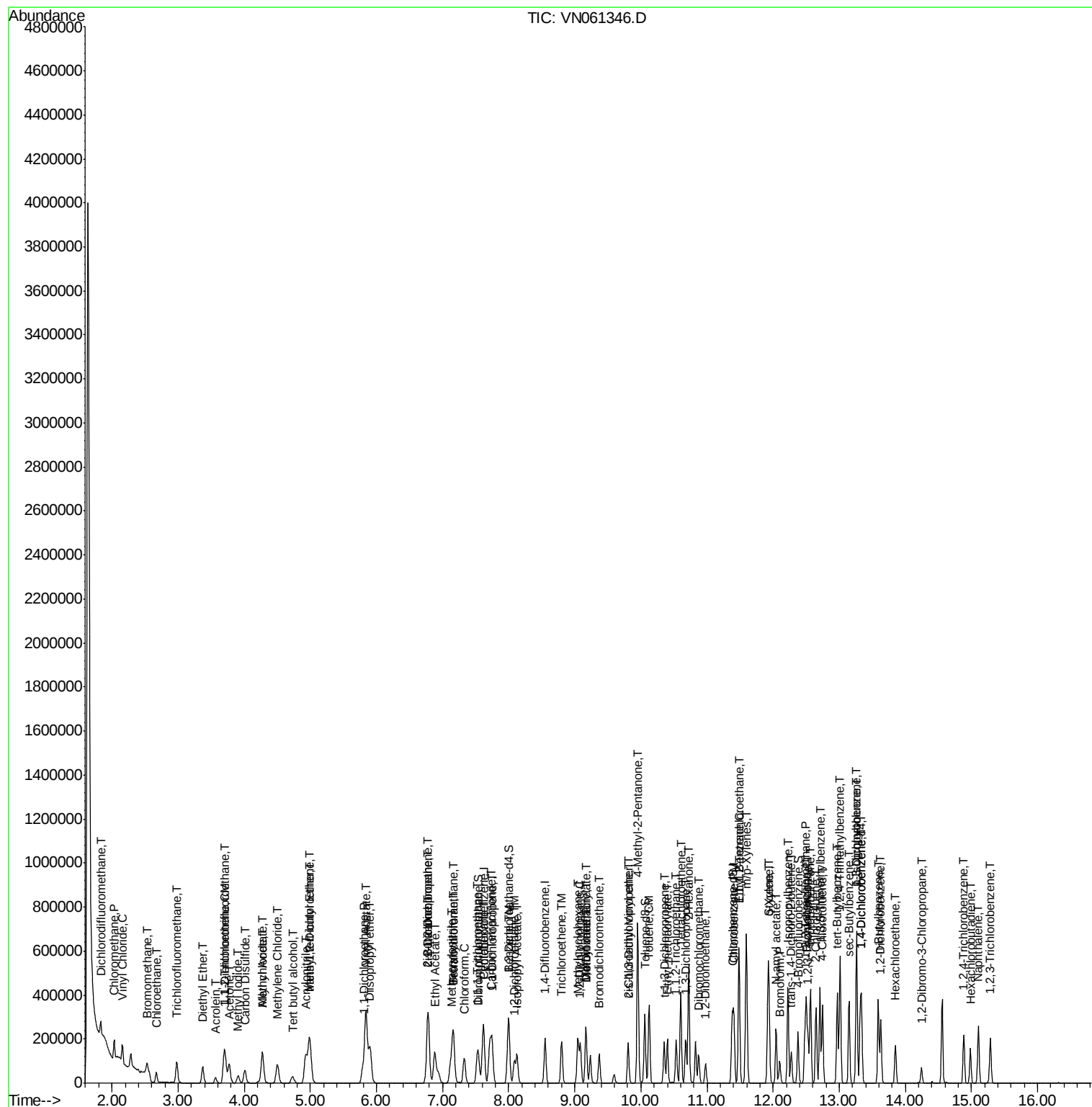
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	63854	45.000	ug/l	99
94) Hexachlorobutadiene	14.98	225	26832	45.263	ug/l	99
95) Naphthalene	15.10	128	204206	44.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	62604	44.687	ug/l	100

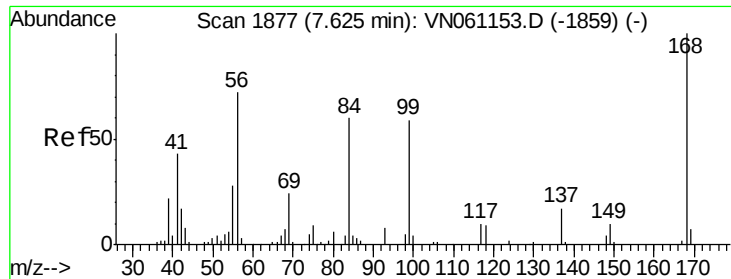
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

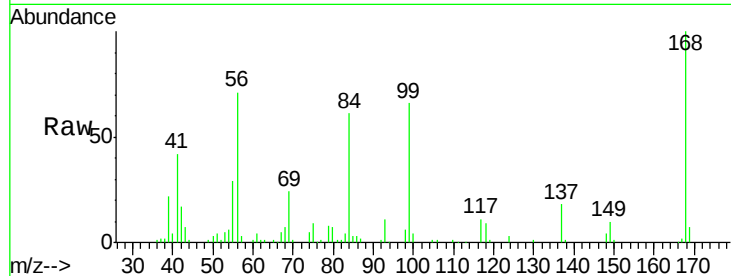
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 96538

Ion Ratio Lower Upper

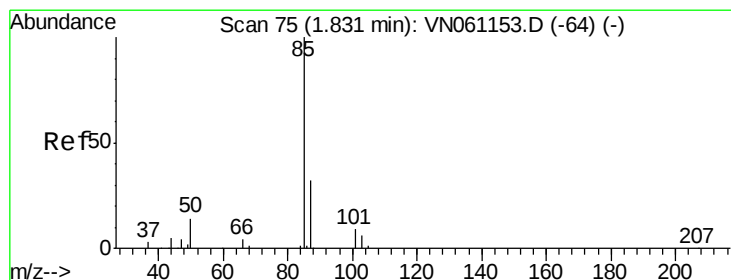
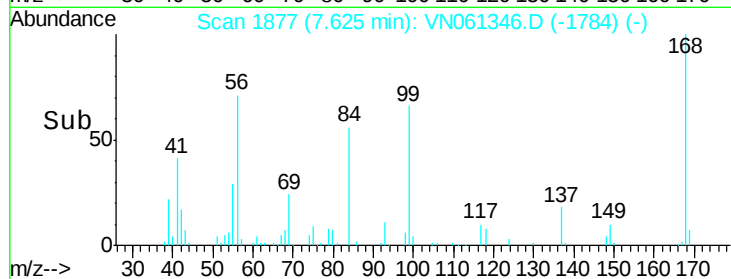
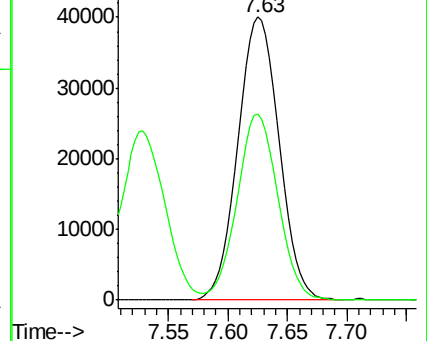
168 100

99 66.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.637 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061346.D

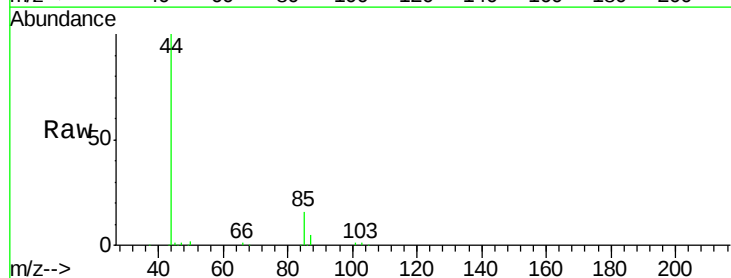
Acq: 7 May 2020 19:58

Tgt Ion: 85 Resp: 45695

Ion Ratio Lower Upper

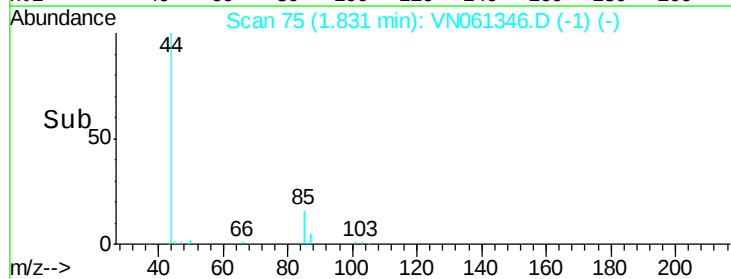
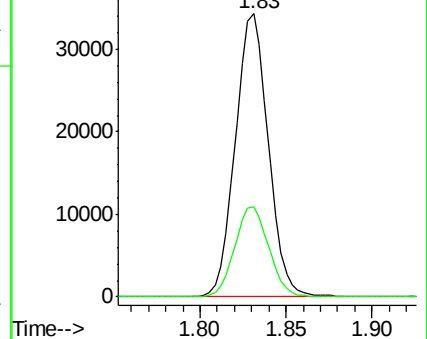
85 100

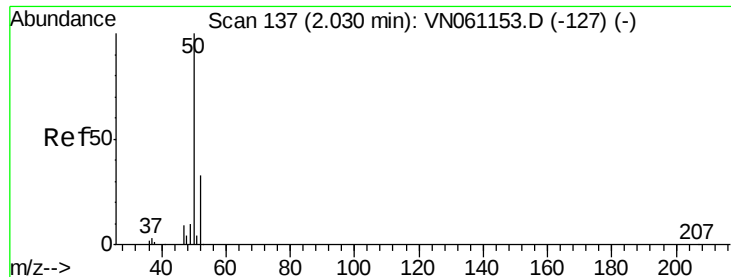
87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.140 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

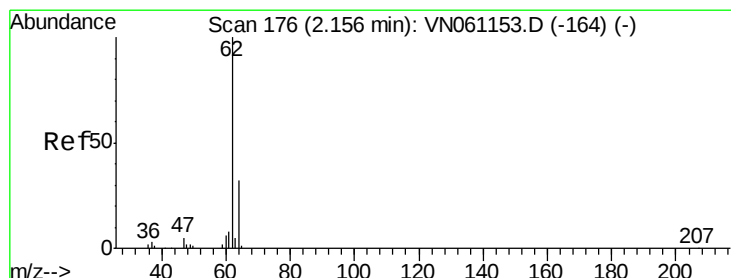
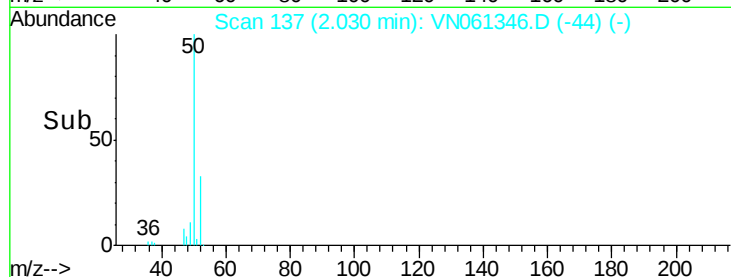
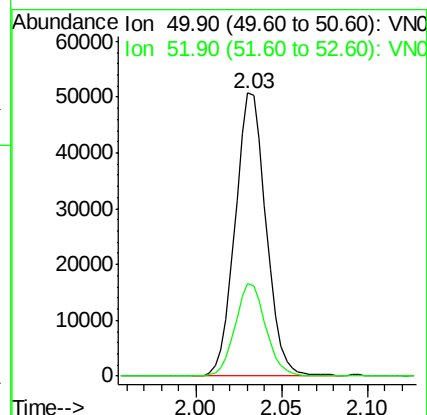
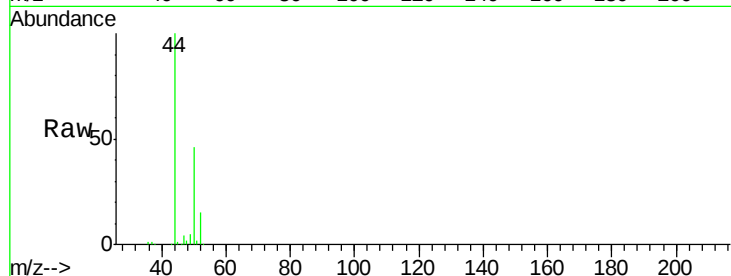
ClientSampled :

Tot Ion: 50 Resp: 63405

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 50.805 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061346.D

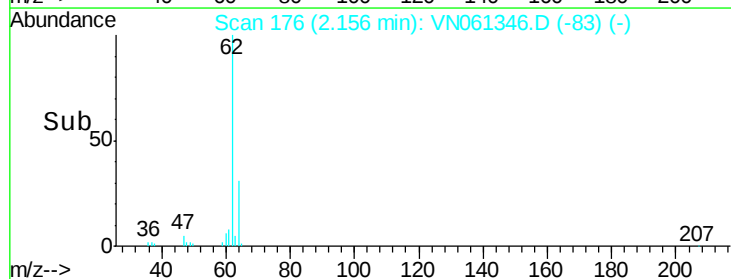
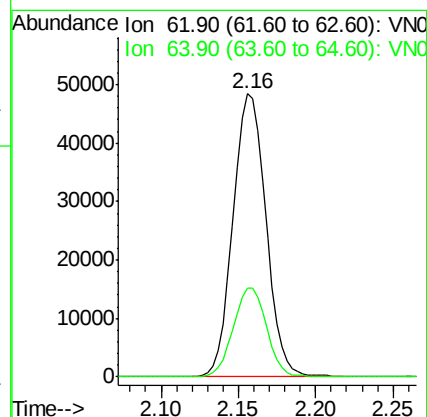
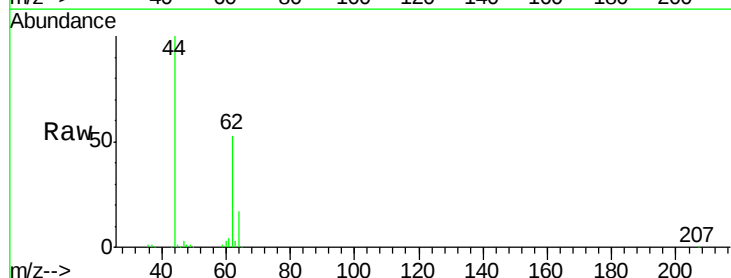
Acq: 7 May 2020 19:58

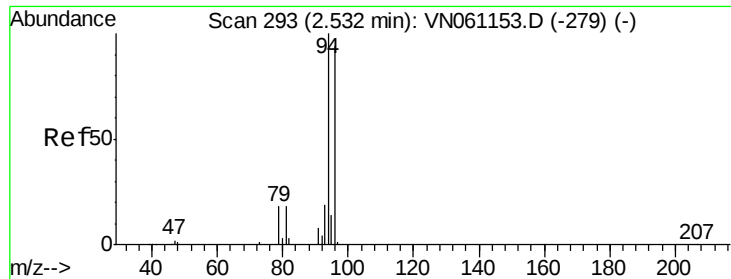
Tgt Ion: 62 Resp: 71544

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 40.842 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

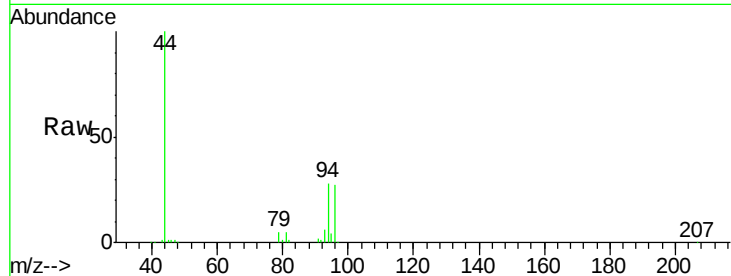
ClientSampled :

Tot Ion: 94 Resp: 28430

Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

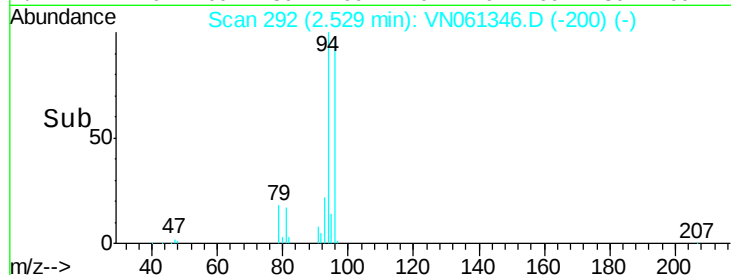
15000

10000

5000

0

Time-->



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

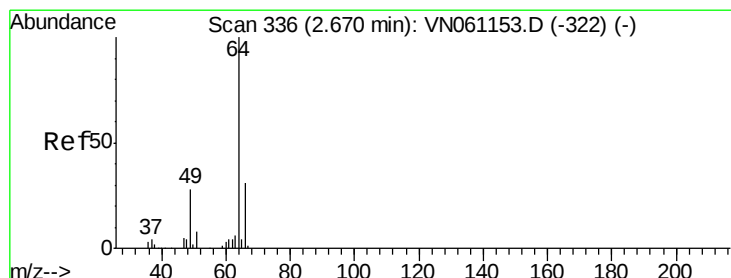
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 49.377 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061346.D

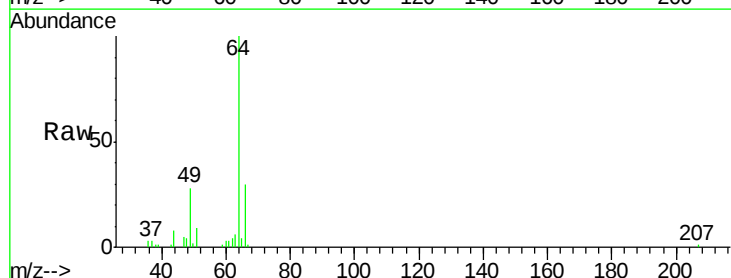
Acq: 7 May 2020 19:58

Tgt Ion: 64 Resp: 44073

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

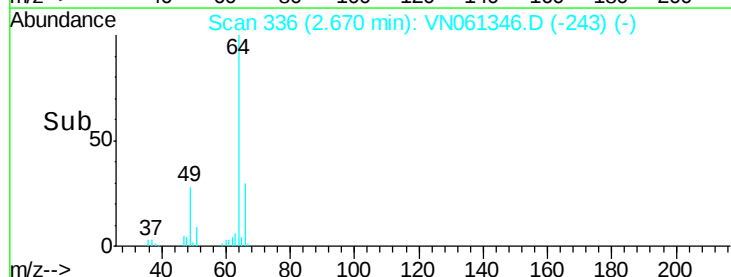
15000

10000

5000

0

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

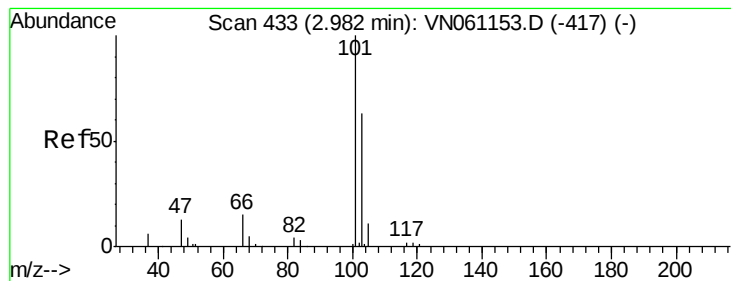
15000

10000

5000

0

Time-->



#7

Trichlorofluoromethane

Concen: 55.790 ug/l

RT: 2.98 min Scan# 433

Delta R.T. 0.00 min

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Instrument :

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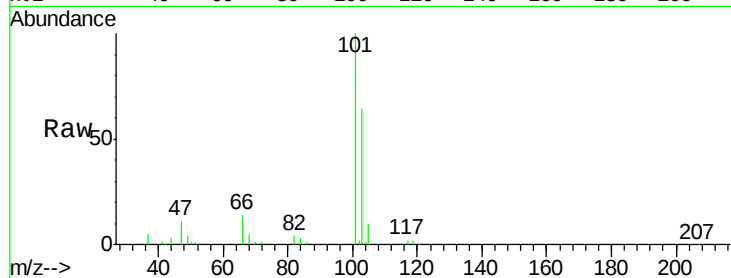
ClientSampled :

Tot Ion:101 Resp: 88637

Ion Ratio Lower Upper

101 100

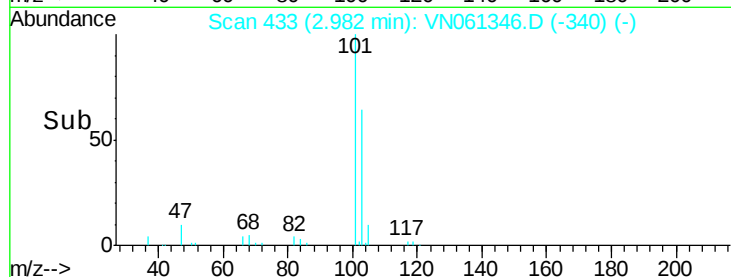
103 63.9 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.98



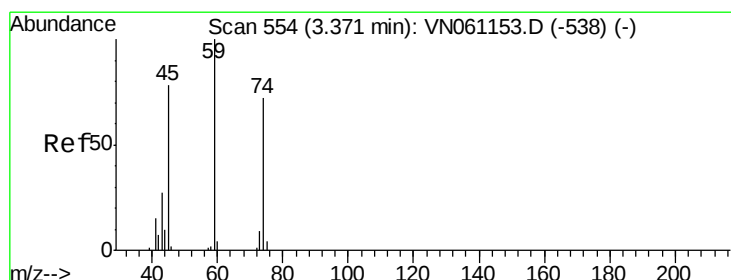
40000

30000

20000

10000

Time-->



#8

Diethyl Ether

Concen: 54.609 ug/l

RT: 3.37 min Scan# 554

Delta R.T. 0.00 min

Lab File: VN061346.D

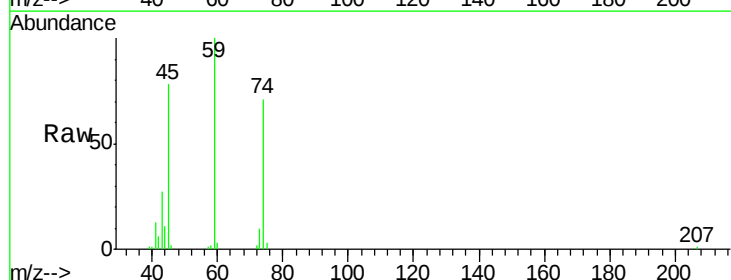
Acq: 7 May 2020 19:58

Tgt Ion: 74 Resp: 36189

Ion Ratio Lower Upper

74 100

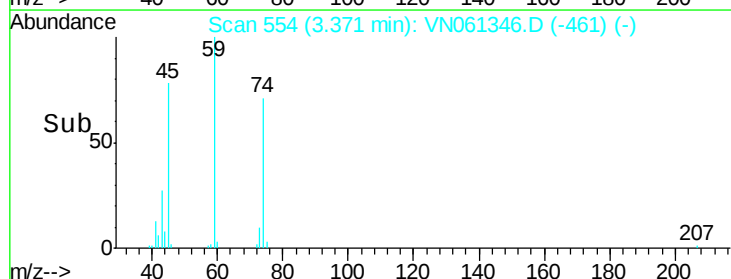
45 110.3 53.3 160.0



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

3.37



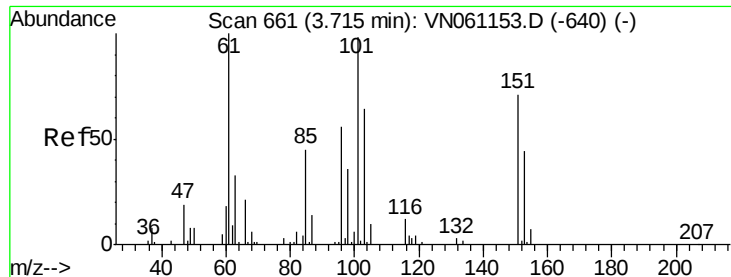
20000

15000

10000

5000

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.967 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

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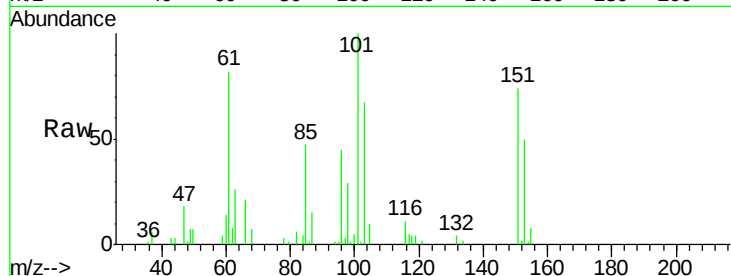
Tot Ion:101 Resp: 50119

Ion Ratio Lower Upper

101 100

85 46.5 37.2 55.8

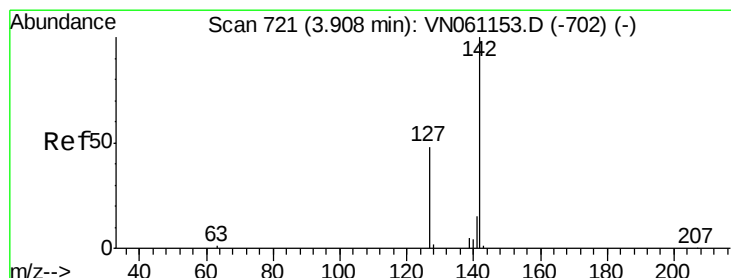
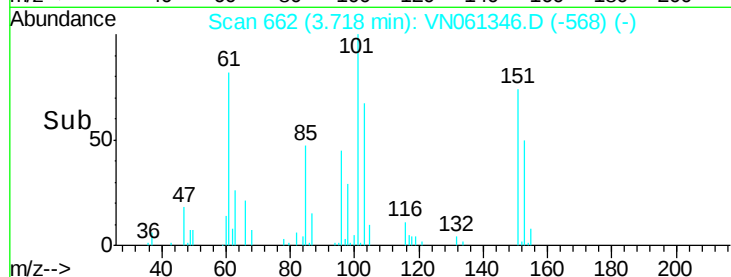
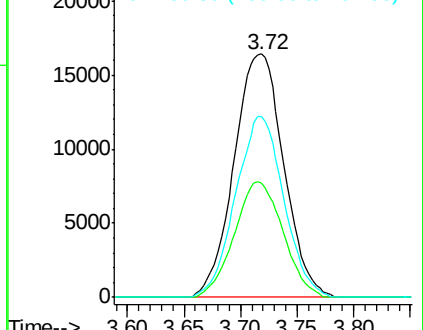
151 72.0 57.7 86.5



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: 38.579 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

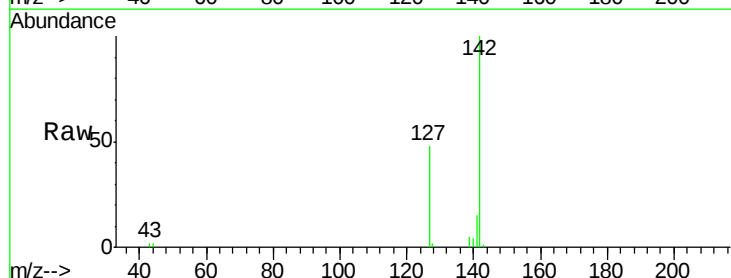
Tgt Ion:142 Resp: 50746

Ion Ratio Lower Upper

142 100

127 48.6 38.0 57.0

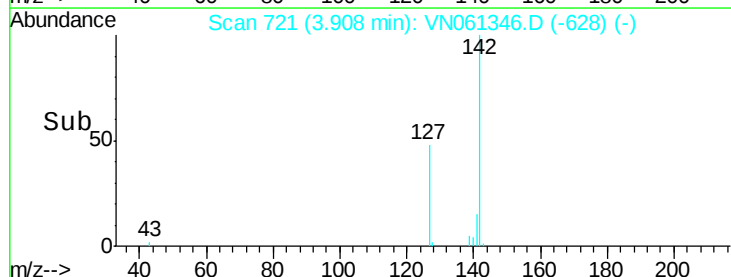
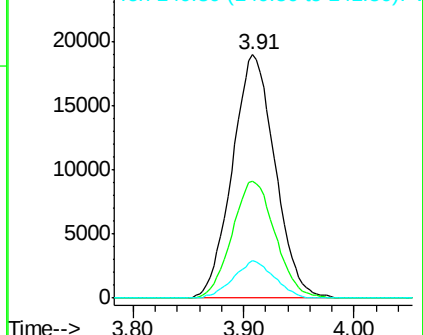
141 14.6 11.7 17.5

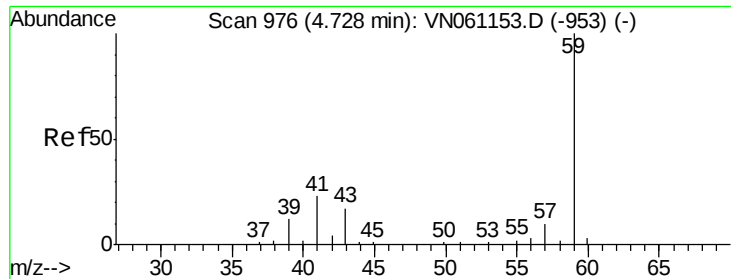


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

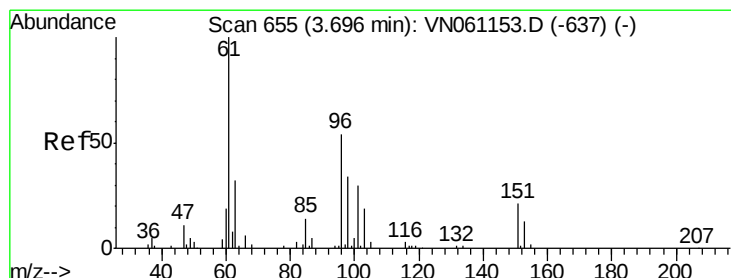
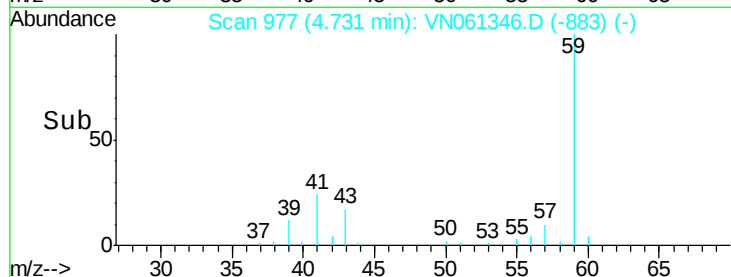
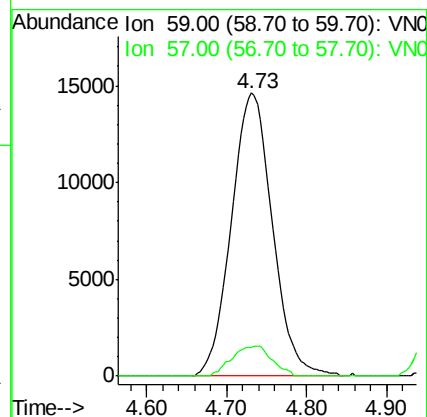
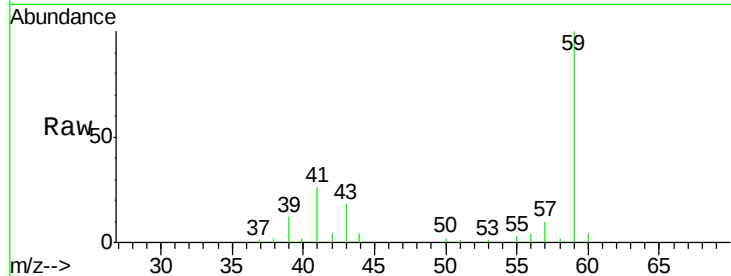




#11
Tert butyl alcohol
Concen: 249.467 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

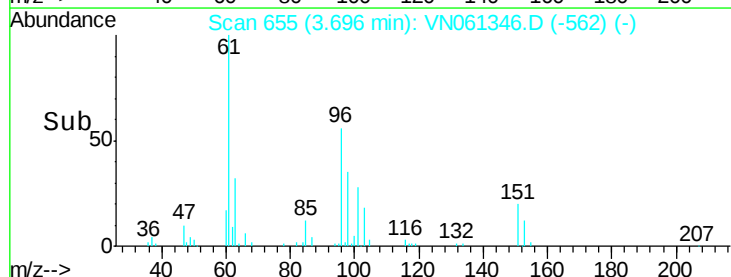
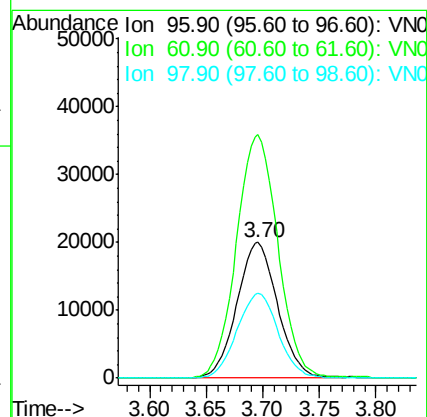
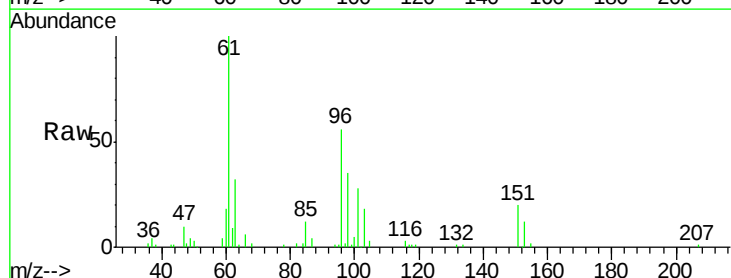
Instrument :
MSVOA_N
ClientSampled :

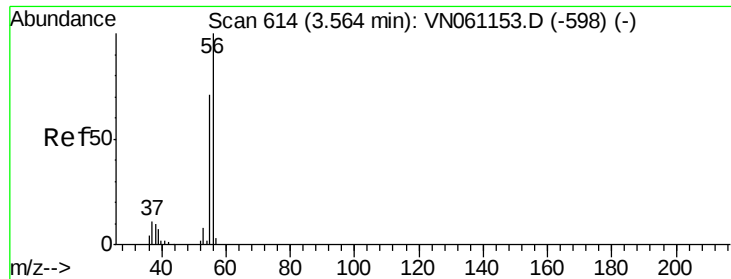
Tot Ion: 59 Resp: 51047
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.160 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 96 Resp: 50072
Ion Ratio Lower Upper
96 100
61 179.5 147.0 220.6
98 62.3 49.8 74.6





#13

Acrolein

Concen: 190.507 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

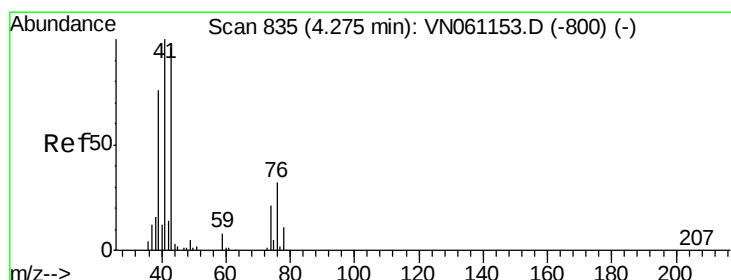
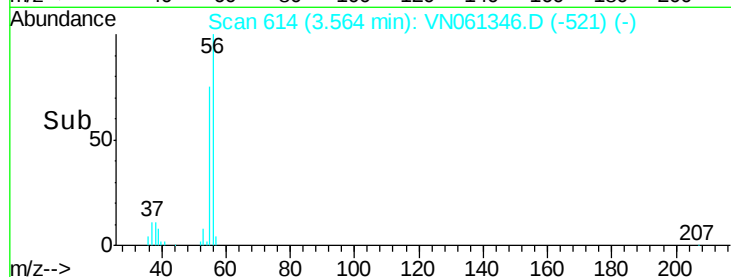
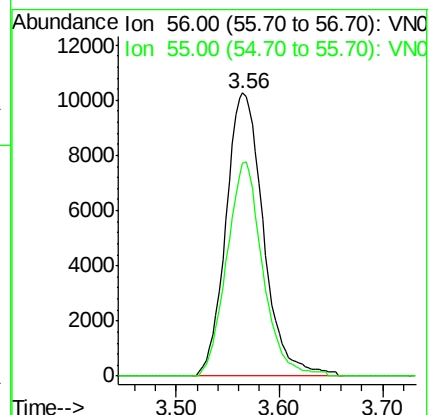
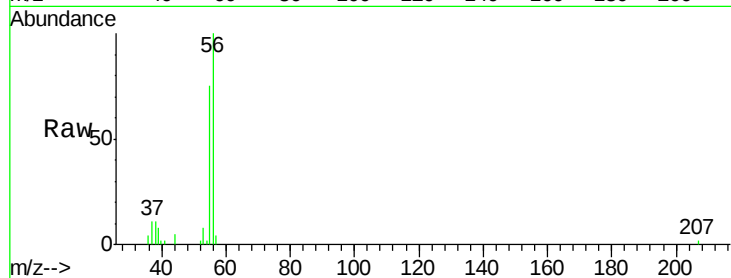
ClientSampleId :

Tot Ion: 56 Resp: 25978

Ion Ratio Lower Upper

56 100

55 72.4 58.5 87.7



#14

Allyl chloride

Concen: 56.167 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

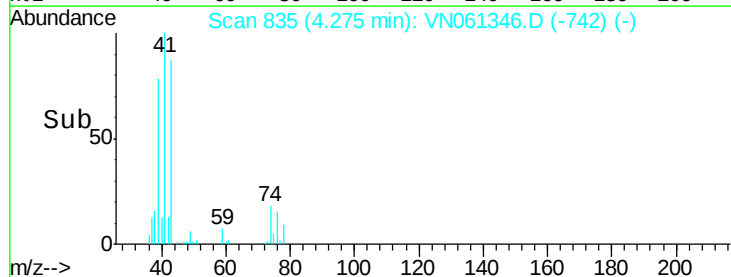
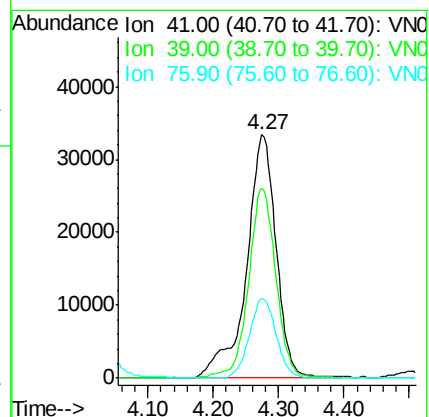
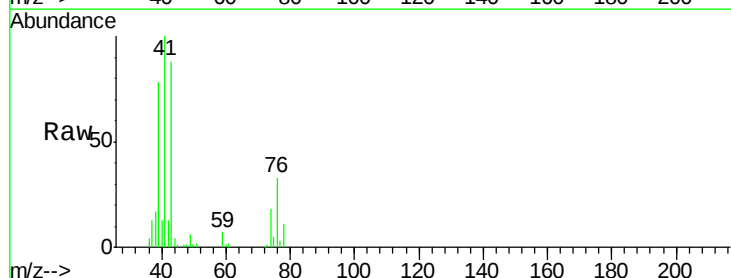
Tgt Ion: 41 Resp: 106076

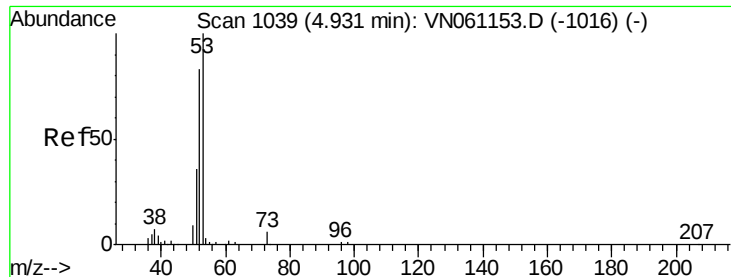
Ion Ratio Lower Upper

41 100

39 71.5 57.1 85.7

76 29.2 24.3 36.5

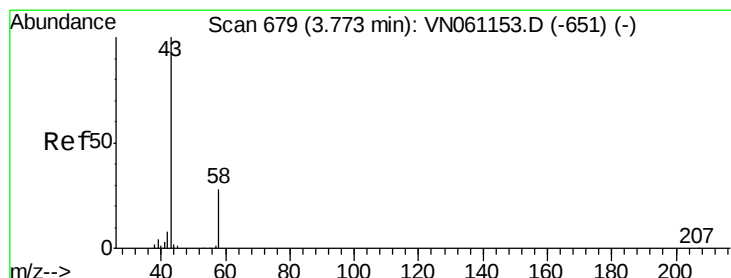
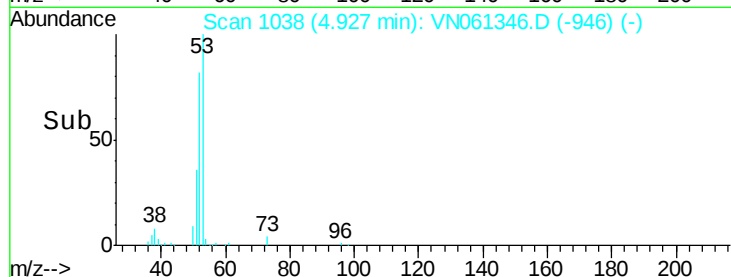
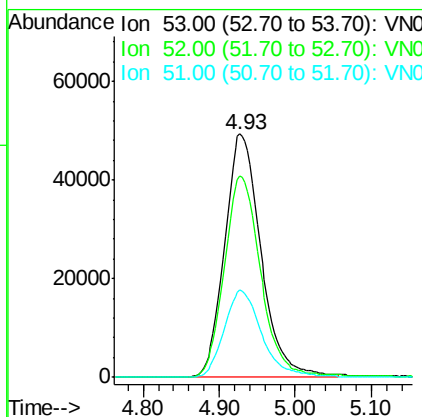
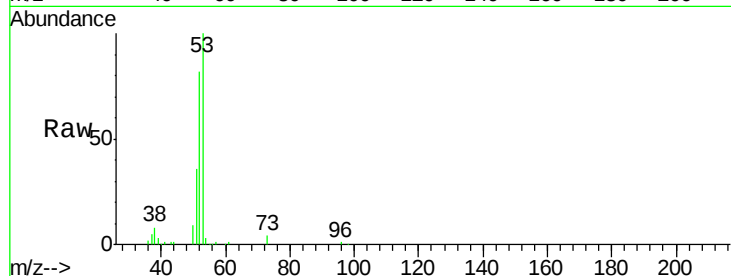




#15
 Acrylonitrile
 Concen: 262.077 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

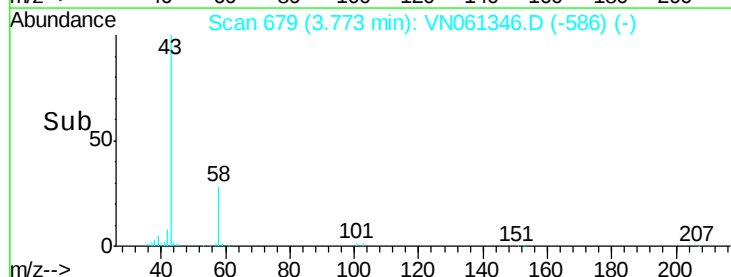
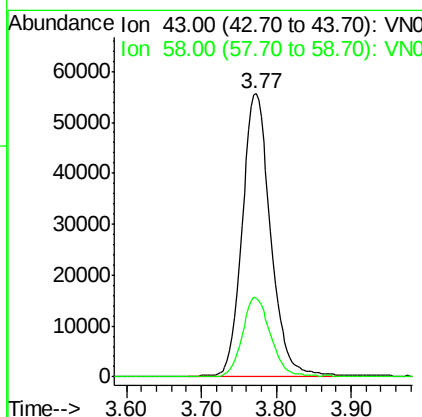
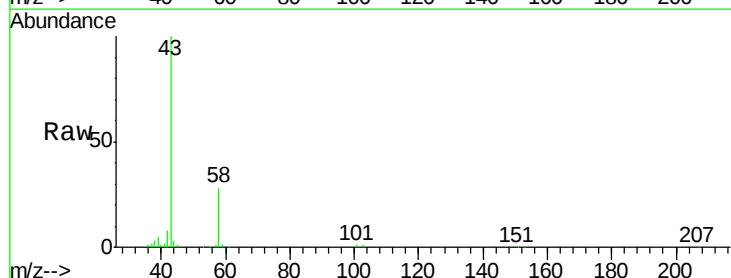
Instrument :
 MSVOA_N
 ClientSampleId :

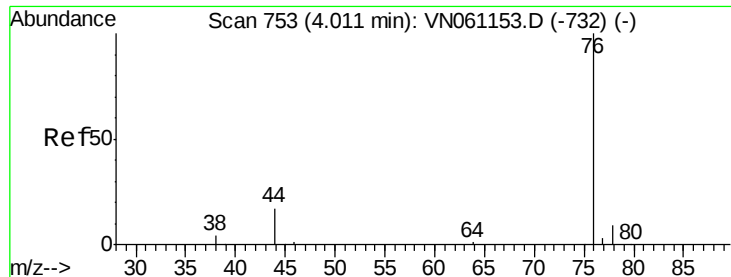
Tot Ion: 53 Resp: 164622
 Ion Ratio Lower Upper
 53 100
 52 83.0 65.4 98.0
 51 37.2 29.5 44.3



#16
 Acetone
 Concen: 249.911 ug/l
 RT: 3.77 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 43 Resp: 147641
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.2 33.2

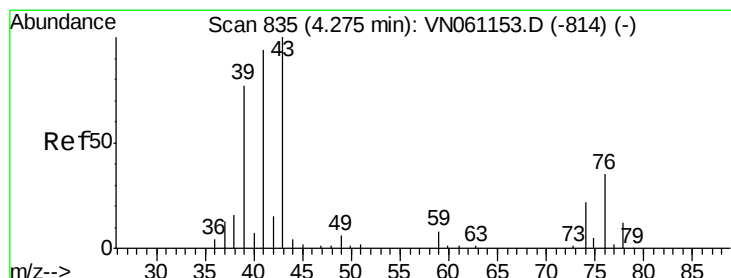
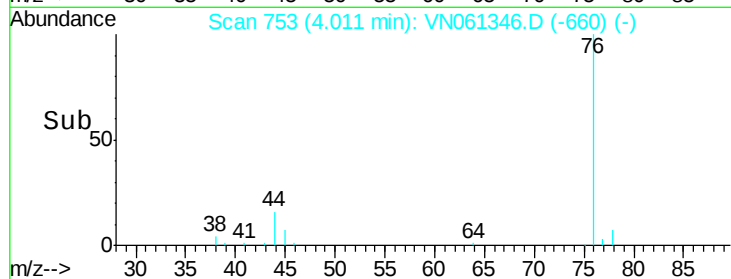
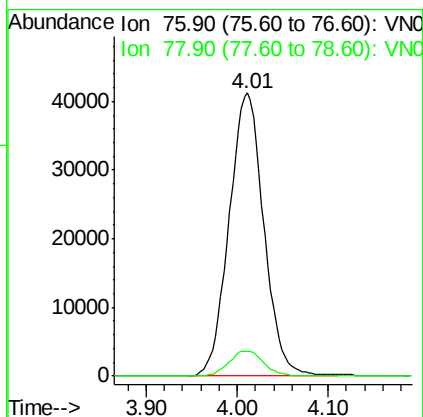
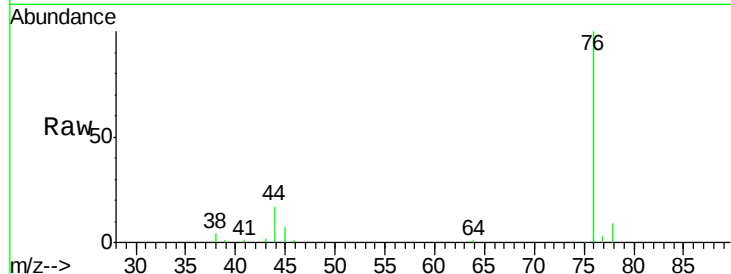




#17
Carbon Disulfide
Concen: 38.874 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

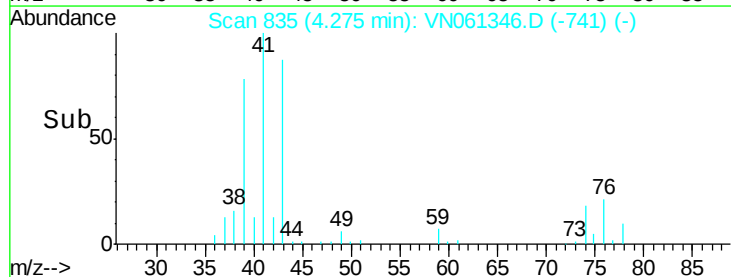
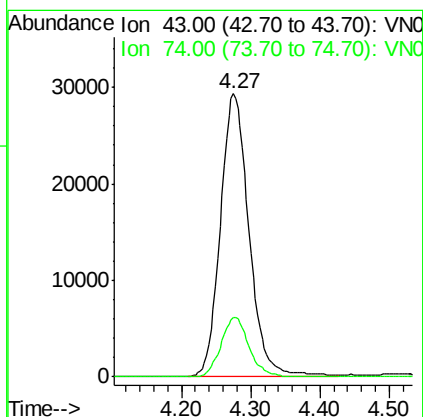
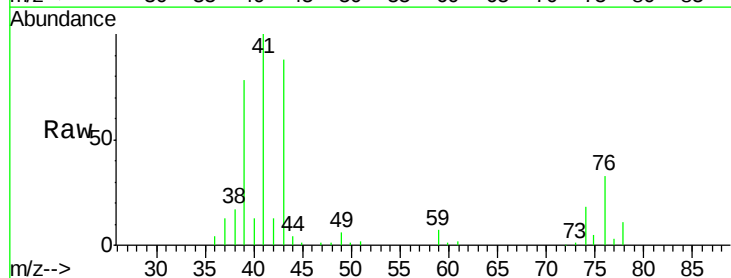
Instrument :
MSVOA_N
ClientSampled :

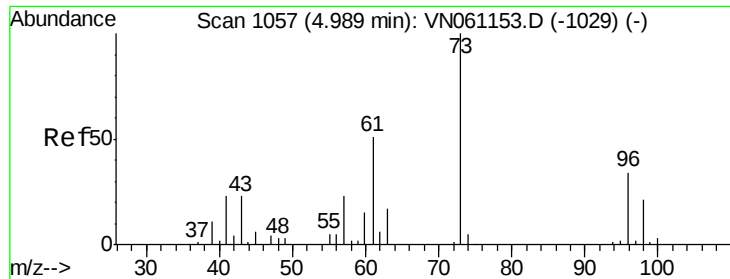
Tot Ion: 76 Resp: 109377
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 44.036 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 43 Resp: 84753
Ion Ratio Lower Upper
43 100
74 20.4 17.0 25.4

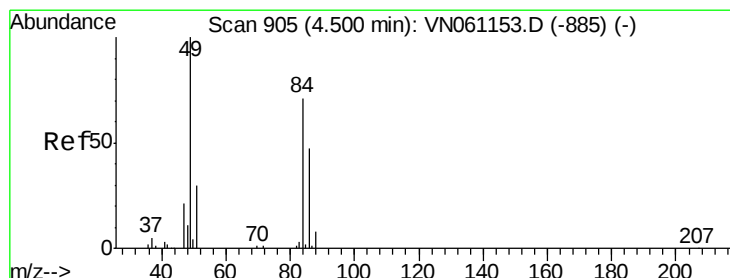
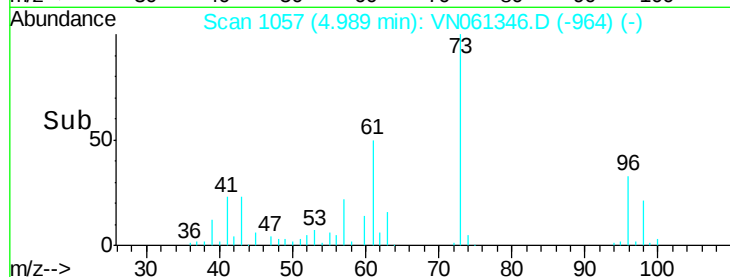
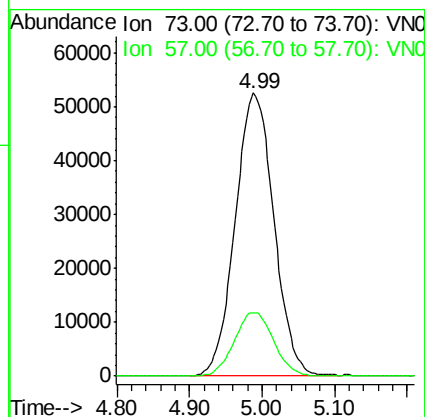
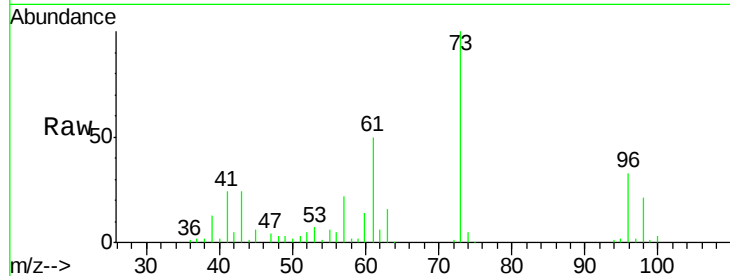




#19
Methvl tert-butvl Ether
Concen: 50.166 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

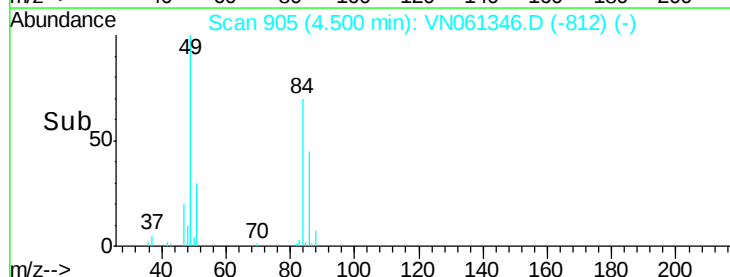
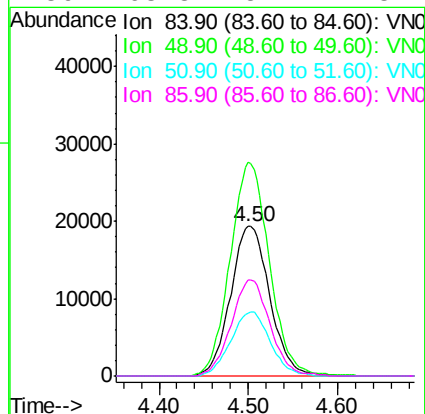
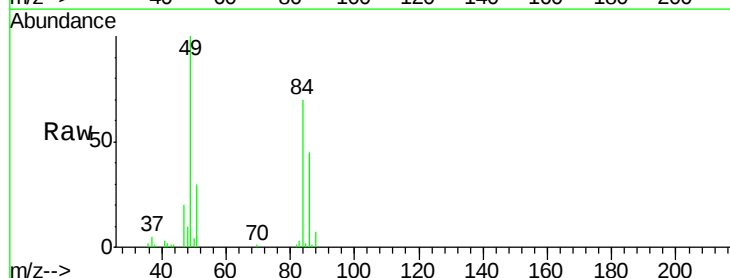
Instrument :
MSVOA_N
ClientSampled :

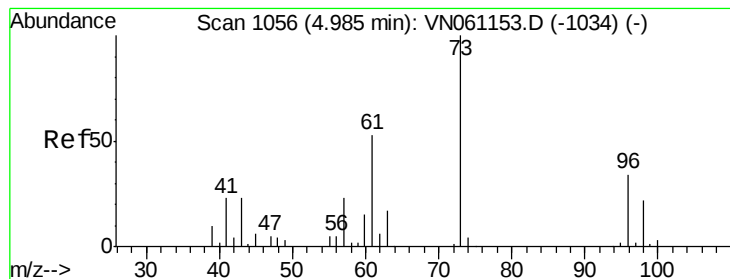
Tot Ion: 73 Resp: 195246
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 49.400 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 84 Resp: 58841
Ion Ratio Lower Upper
84 100
49 142.8 112.0 168.0
51 42.3 33.6 50.4
86 63.8 52.1 78.1



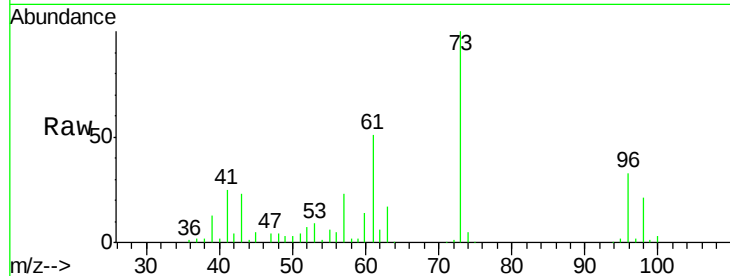


#21

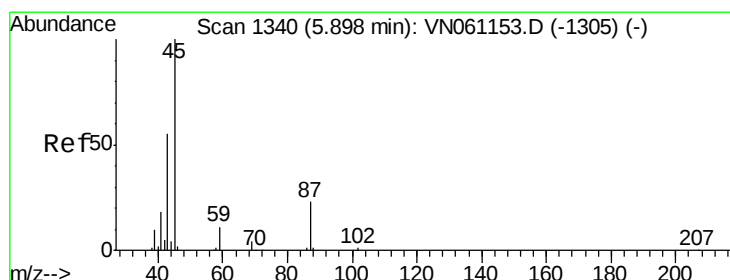
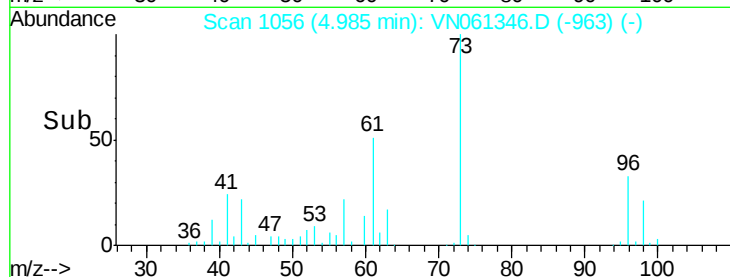
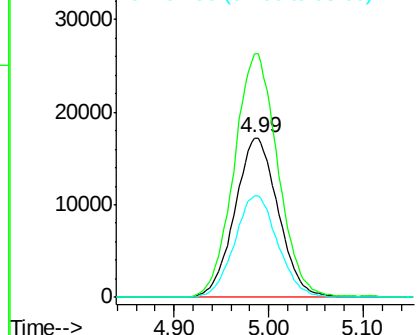
trans-1,2-Dichloroethene
Concen: 49.268 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 54644
Ion Ratio Lower Upper
96 100
61 152.8 123.0 184.4
98 63.7 50.1 75.1



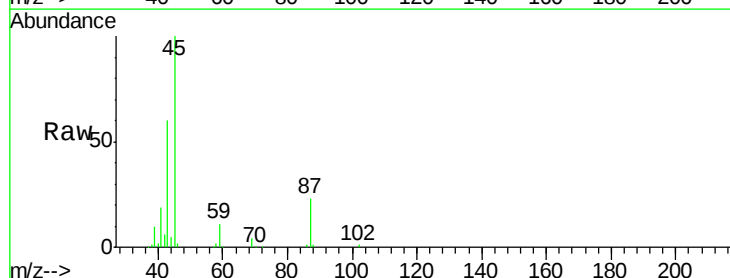
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



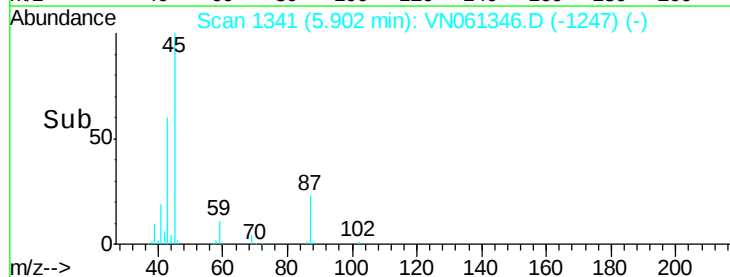
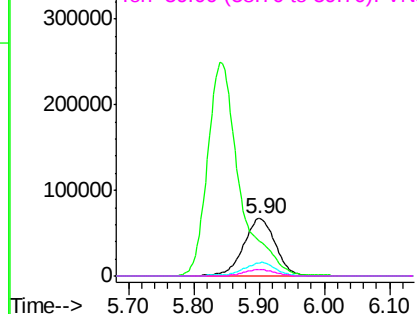
#22

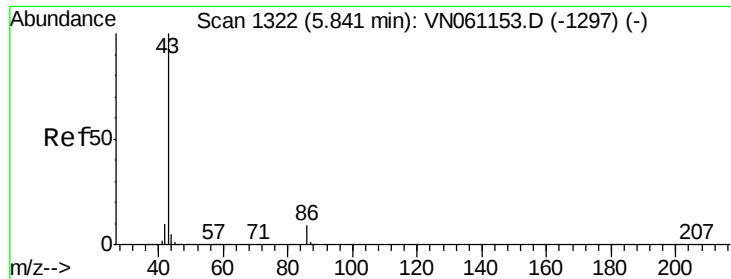
Diisopropyl ether
Concen: 52.266 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 45 Resp: 228896
Ion Ratio Lower Upper
45 100
43 59.5 47.9 71.9
87 23.3 19.2 28.8
59 10.7 9.0 13.4



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

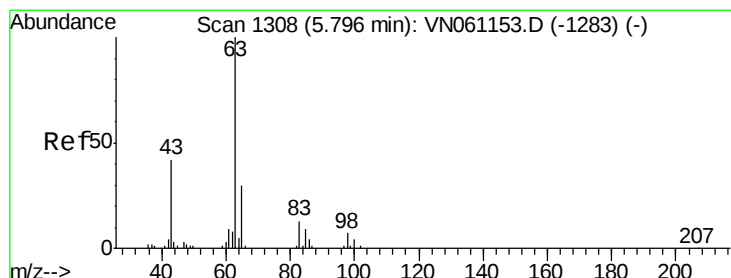
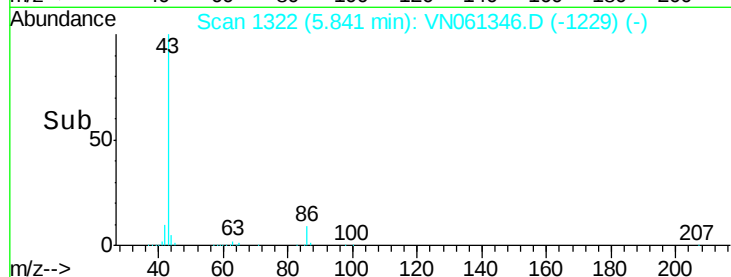
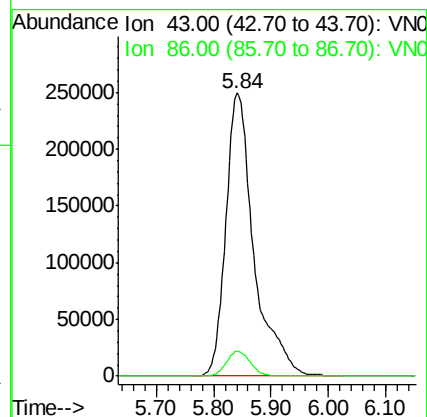
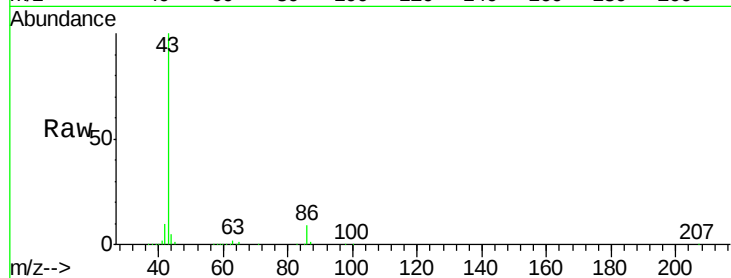




#23
 Vinyl Acetate
 Concen: 241.083 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

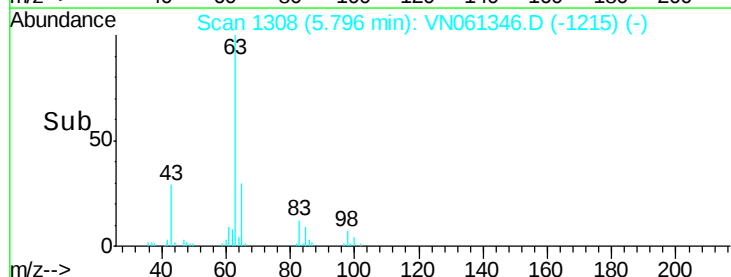
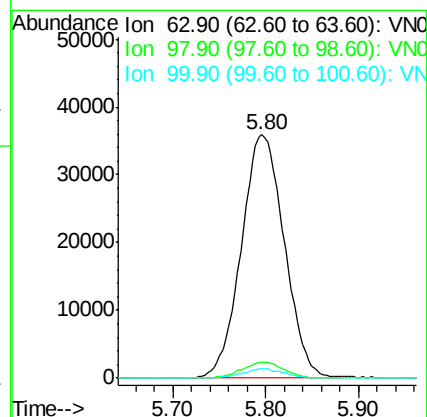
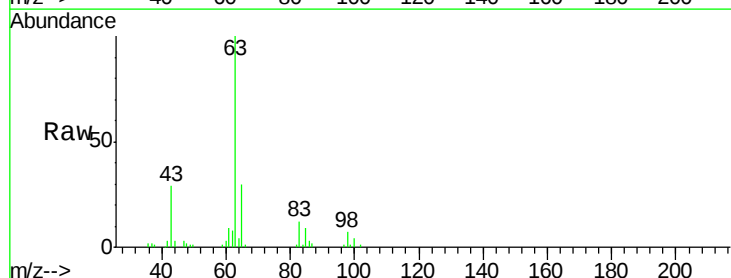
Instrument :
 MSVOA_N
 ClientSampled :

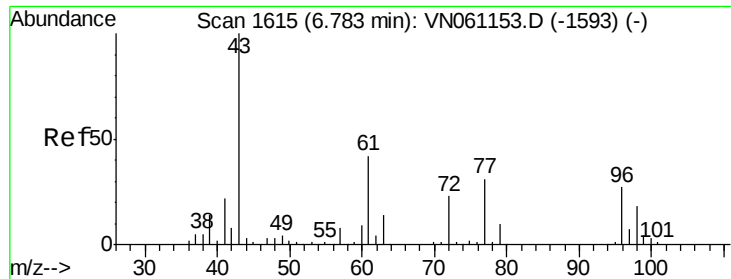
Tot Ion: 43 Resp: 850123
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 50.490 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 63 Resp: 115531
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.9 1.9 5.7

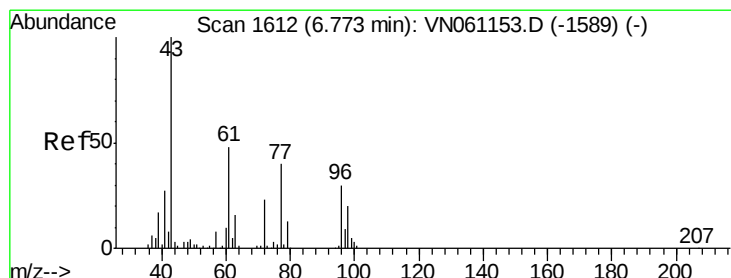
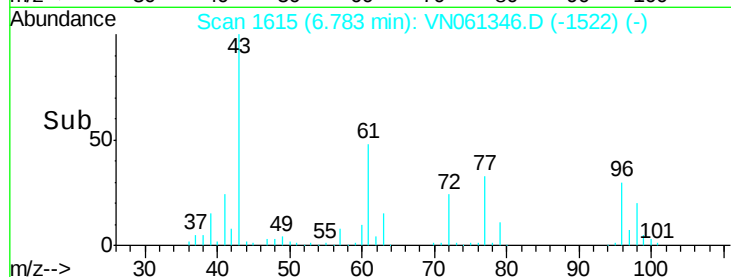
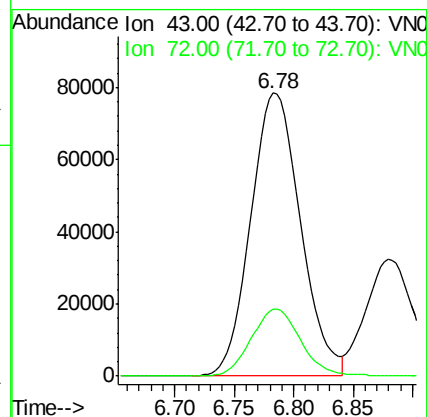
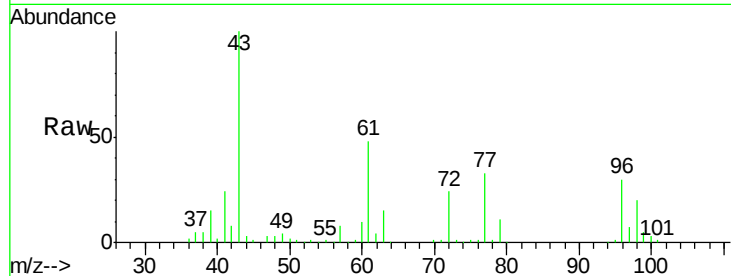




#25
2-Butanone
Concen: 252.110 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

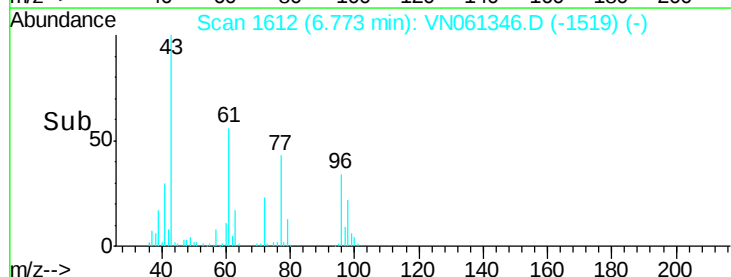
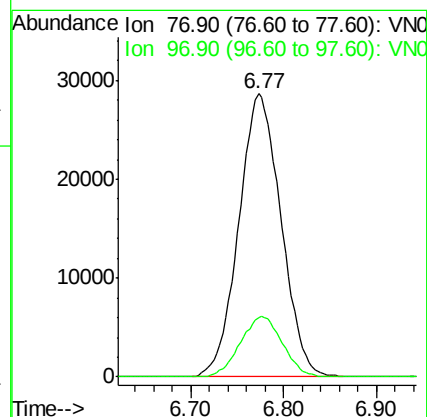
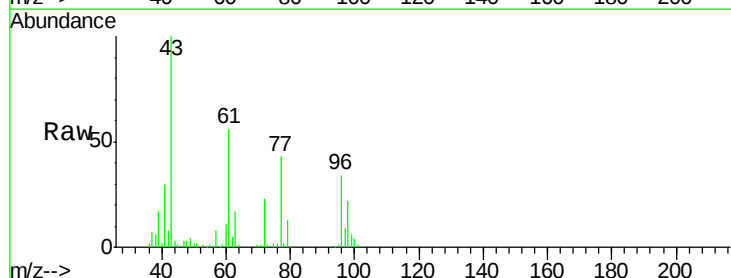
Instrument :
MSVOA_N
ClientSampled :

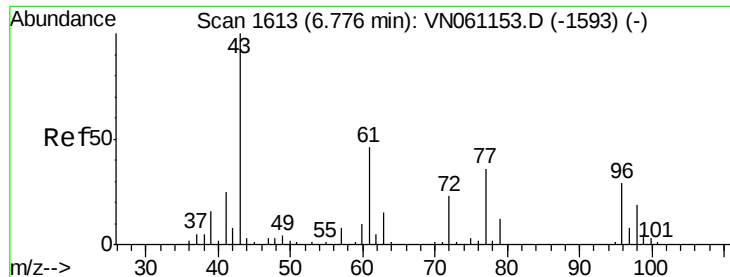
Tot Ion: 43 Resp: 227879
Ion Ratio Lower Upper
43 100
72 23.6 18.2 27.4



#26
2,2-Dichloropropane
Concen: 46.976 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 77 Resp: 90538
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.452 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

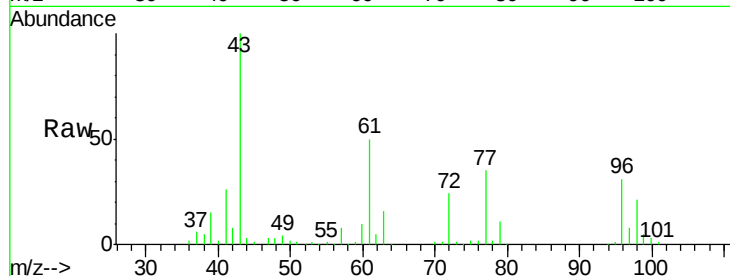
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 69571

Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	322.0
98	64.9	0.0	129.6

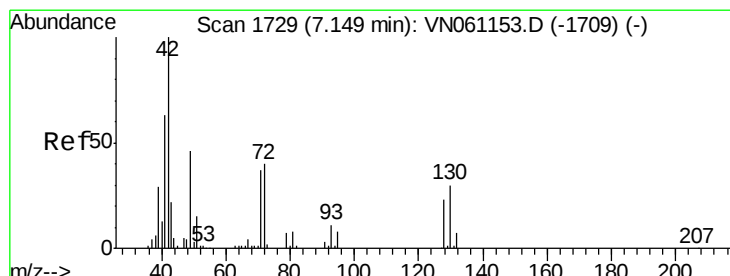
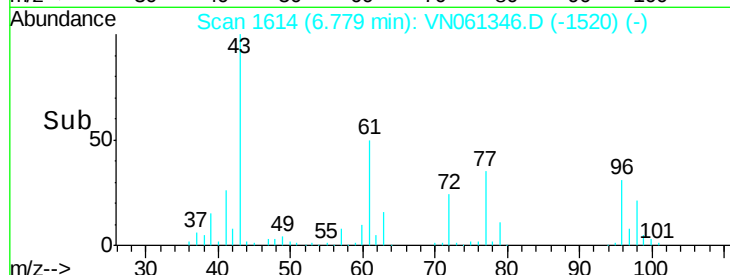
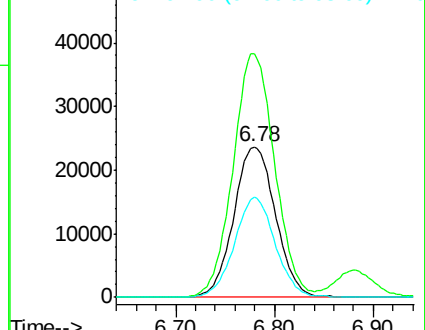


Abundance

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: 54.859 ug/l

RT: 7.15 min Scan# 1729

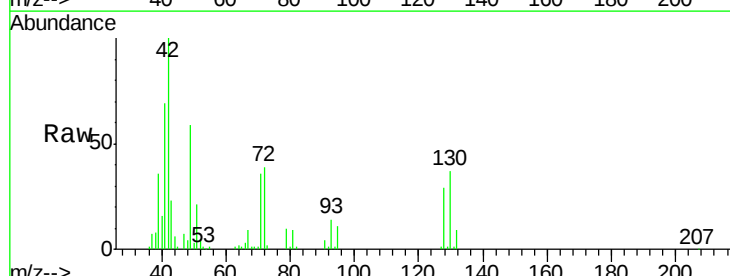
Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion: 49 Resp: 59497

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	61.1	51.4	77.2

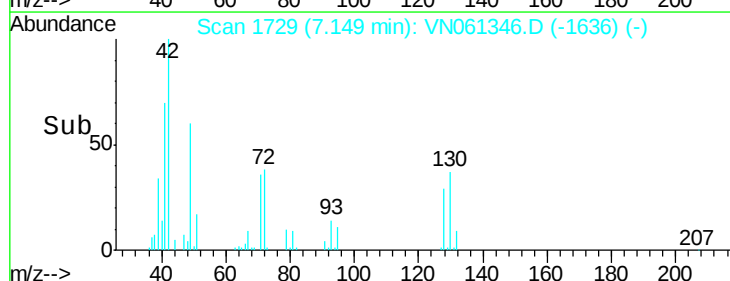
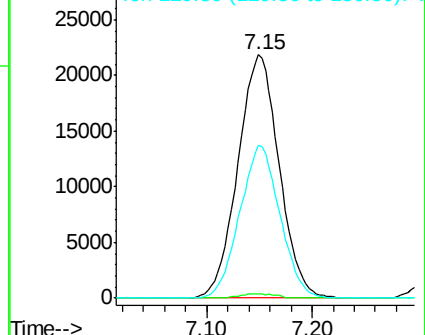


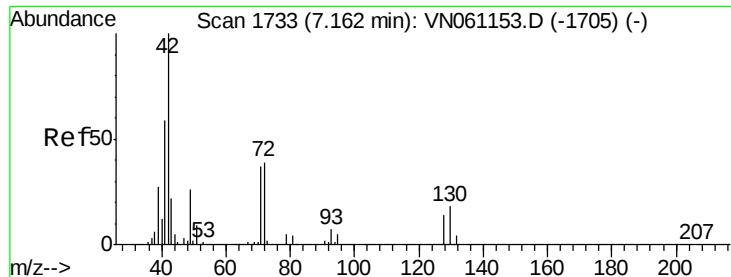
Abundance

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

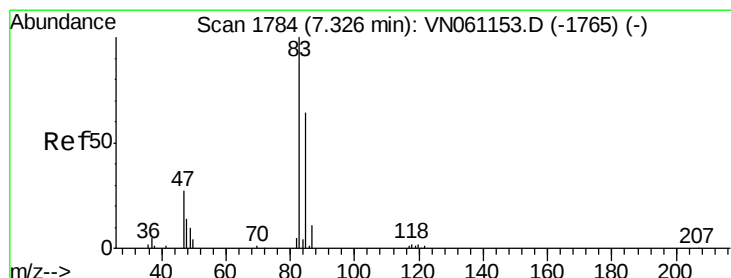
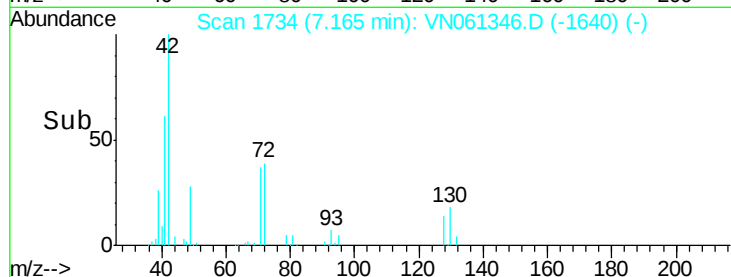
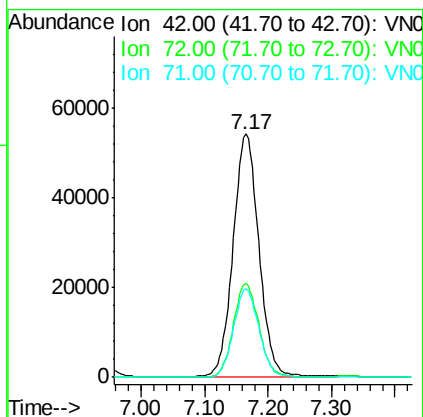
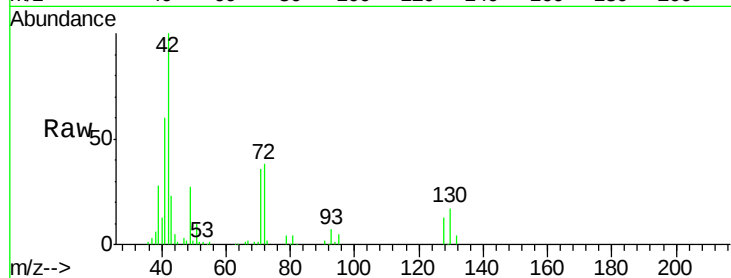




#29
Tetrahydrofuran
Concen: 253.208 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

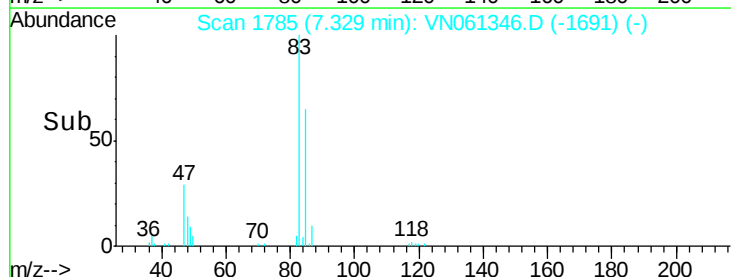
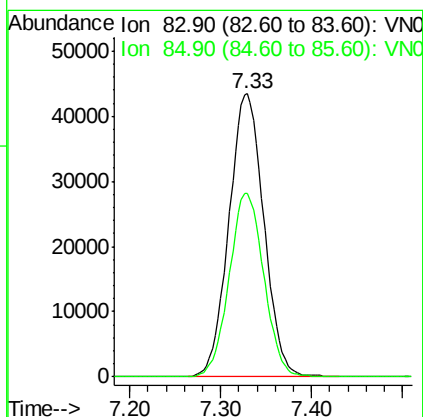
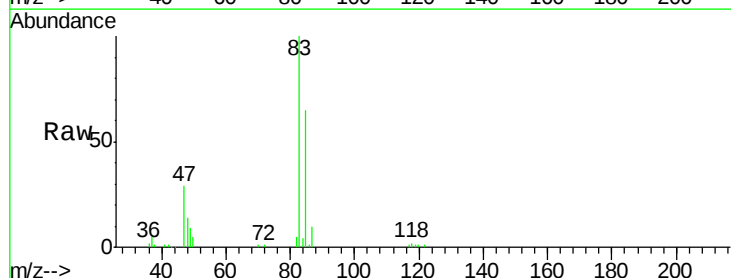
Instrument :
MSVOA_N
ClientSampled :

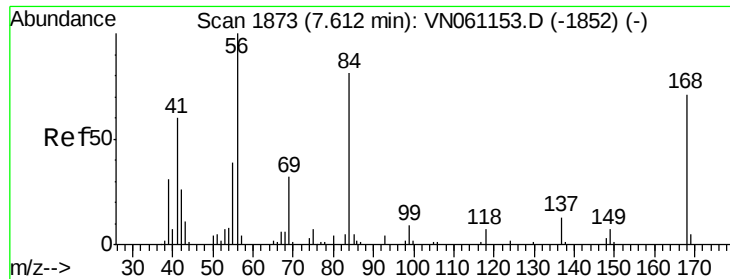
Tot Ion: 42 Resp: 154173
Ion Ratio Lower Upper
42 100
72 38.0 31.4 47.0
71 35.4 29.5 44.3



#30
Chloroform
Concen: 49.928 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 83 Resp: 115775
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7

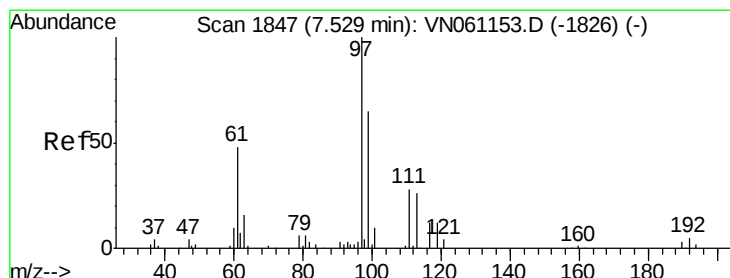
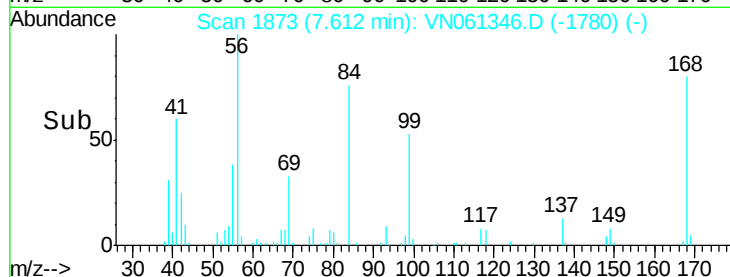
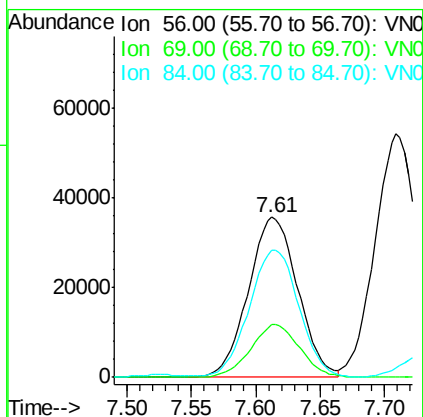
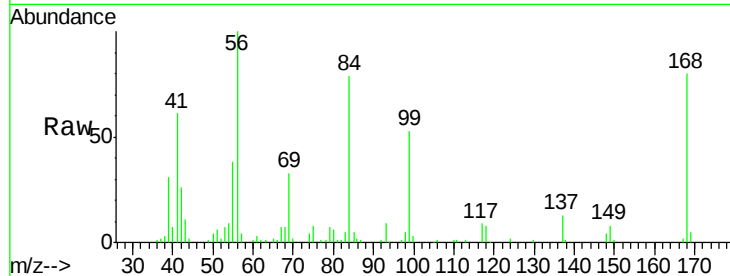




#31
Cyclohexane
Concen: 42.796 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

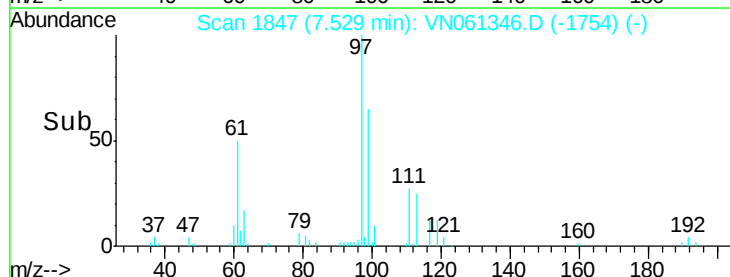
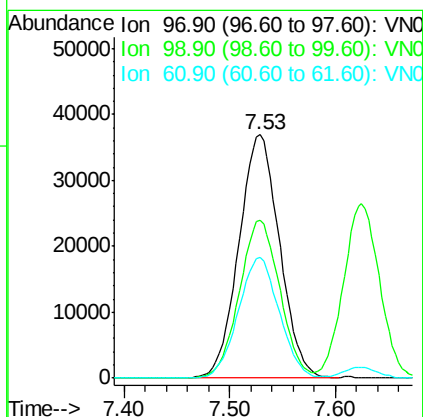
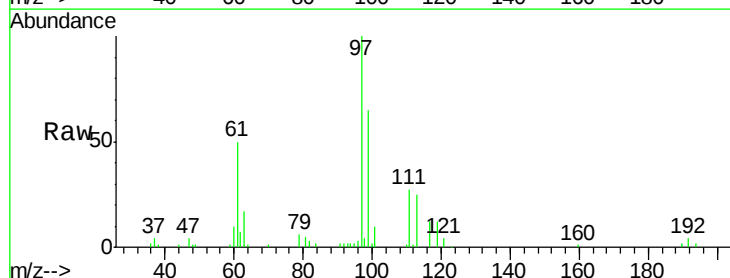
Instrument :
MSVOA_N
ClientSampled :

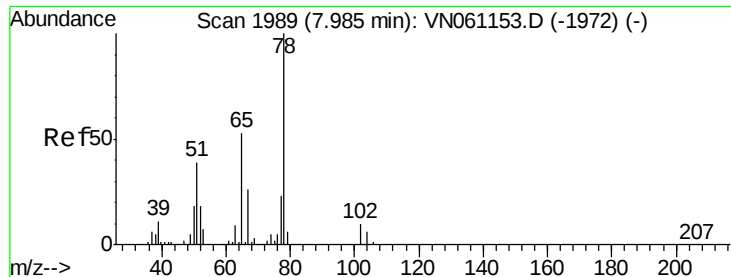
Tot Ion: 56 Resp: 95101
Ion Ratio Lower Upper
56 100
69 32.8 25.7 38.5
84 78.2 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 49.050 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 97 Resp: 99042
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 49.8 38.6 57.8

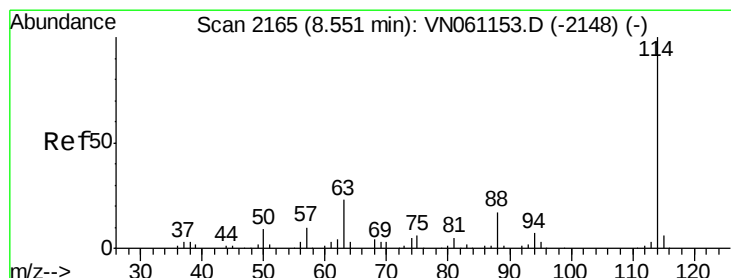
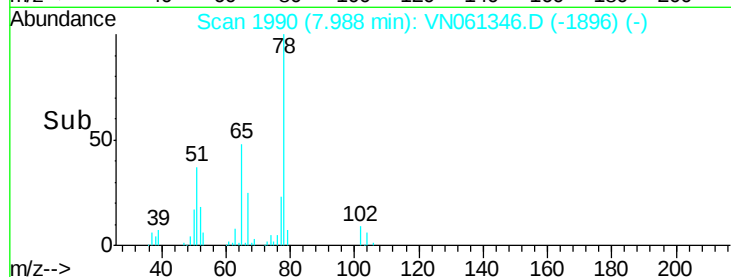
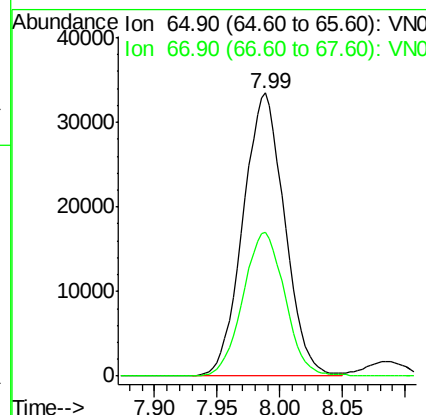
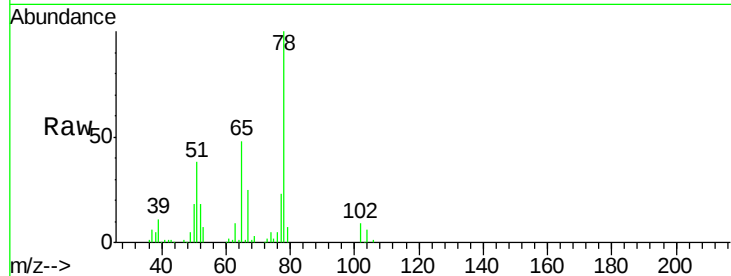




#33
 1,2-Dichloroethane-d4
 Concen: 50.596 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

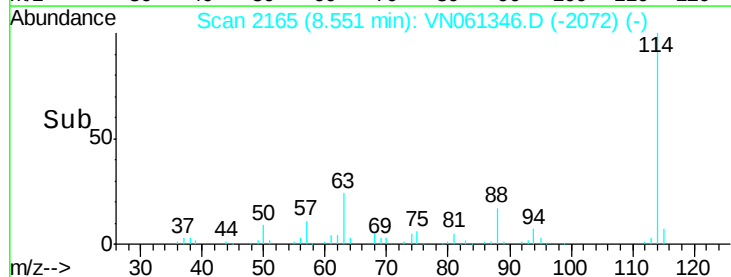
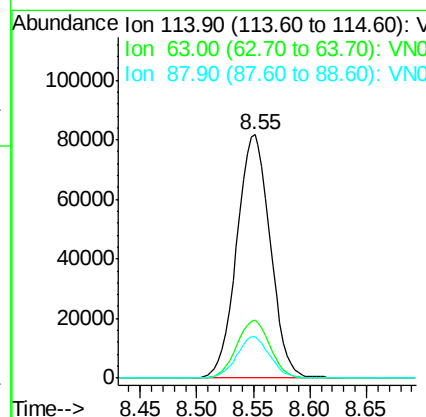
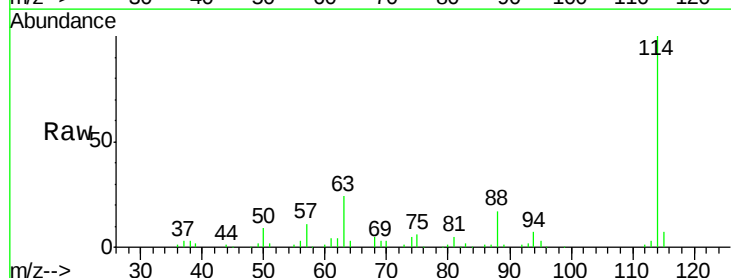
Instrument :
 MSVOA_N
 ClientSampleId :

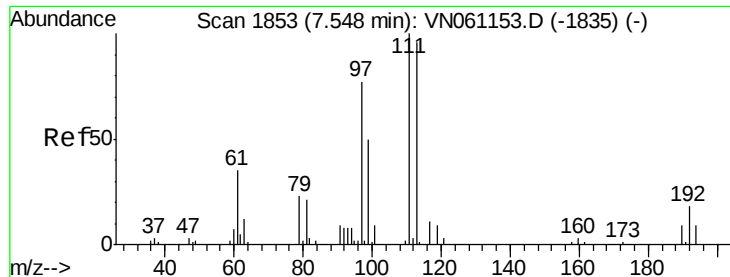
Tot Ion: 65 Resp: 77287
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 114 Resp: 168544
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.6
 88 17.1 0.0 33.4

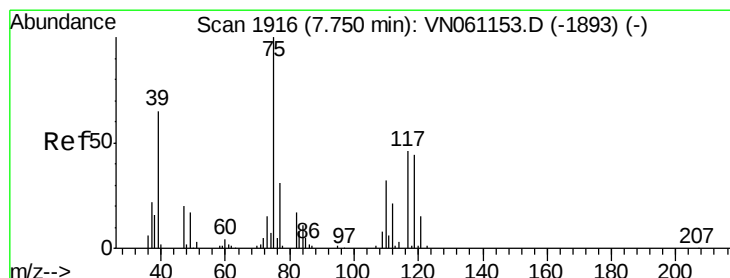
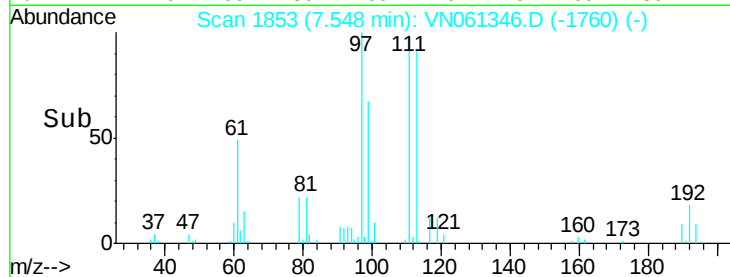
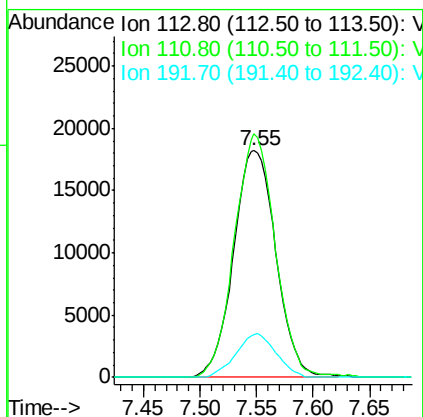
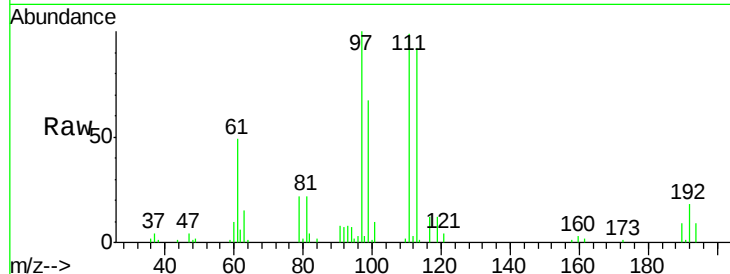




#35
 Dibromofluoromethane
 Concen: 47.638 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

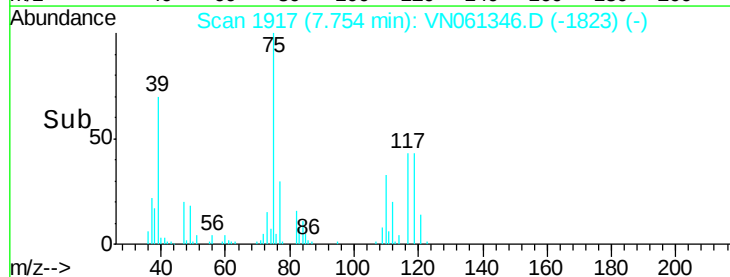
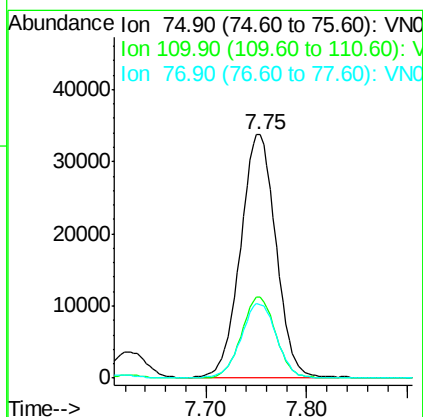
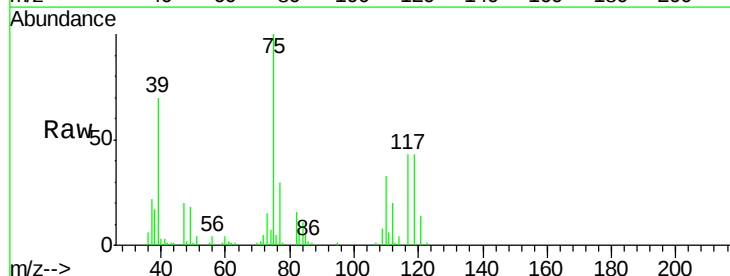
Instrument :
 MSVOA_N
 ClientSampleId :

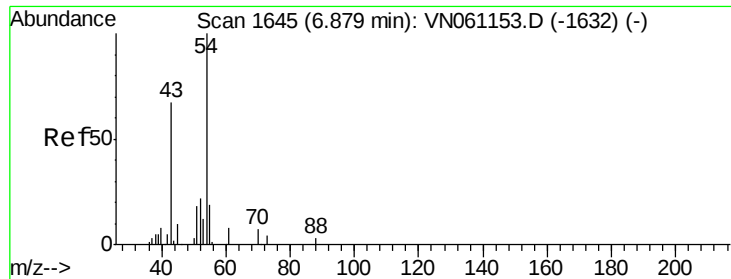
Tot Ion:113 Resp: 47478
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 18.0 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 48.822 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 82373
 Ion Ratio Lower Upper
 75 100
 110 31.9 16.0 48.0
 77 30.5 24.6 37.0

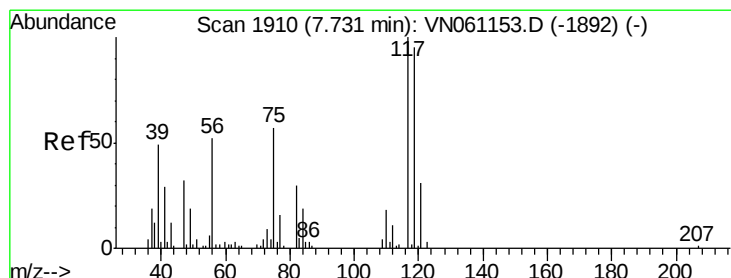
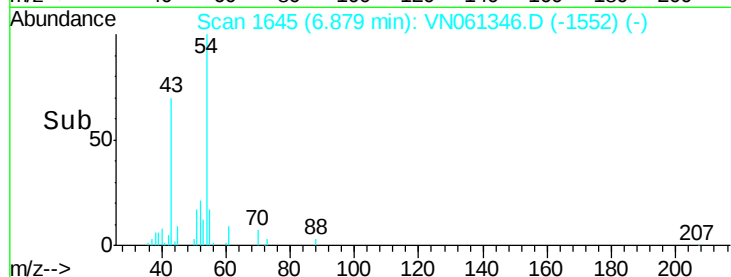
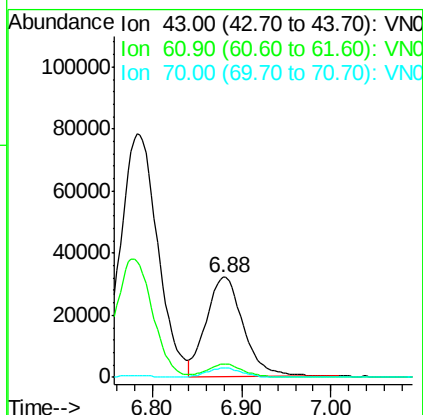
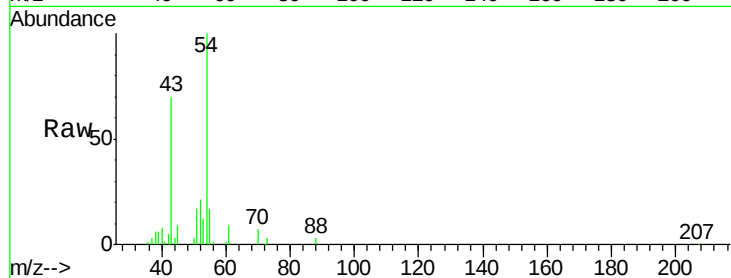




#37
Ethyl Acetate
Concen: 47.186 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

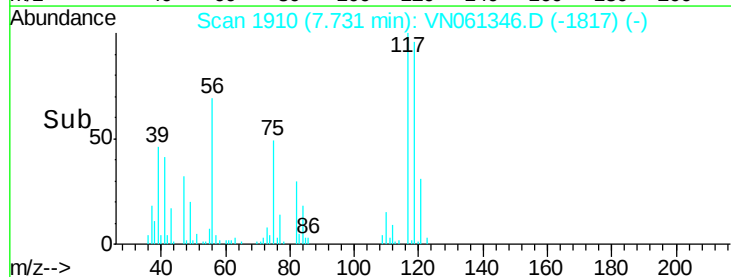
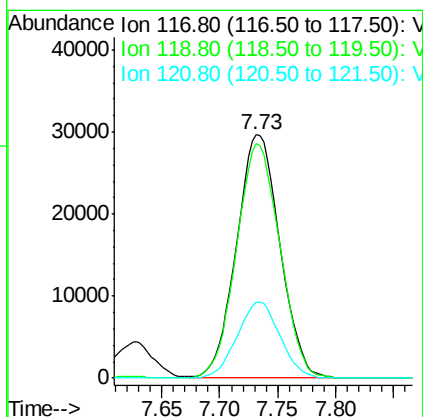
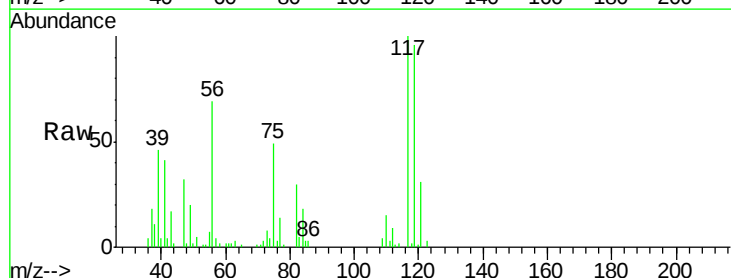
Instrument :
MSVOA_N
ClientSampled :

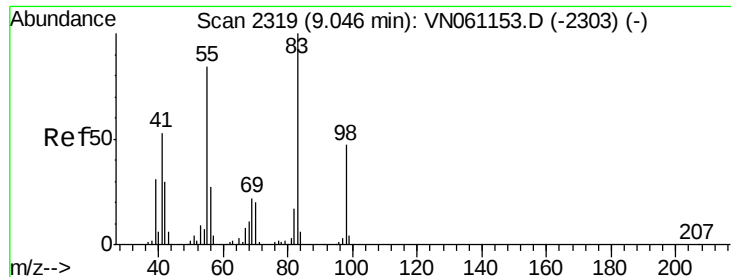
Tot Ion: 43 Resp: 93332
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.284 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 117 Resp: 77427
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.6
121 31.0 24.7 37.1

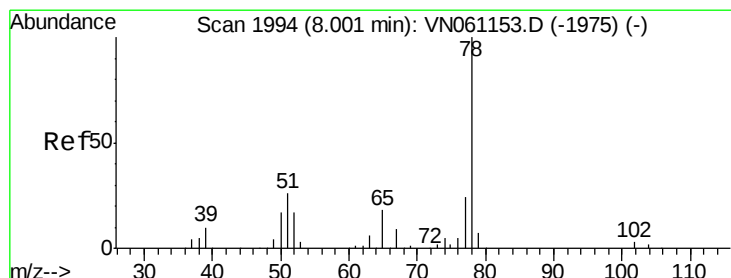
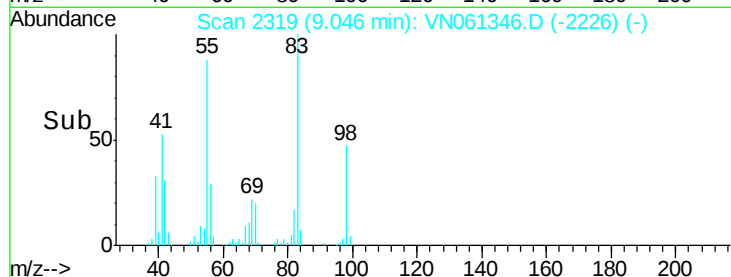
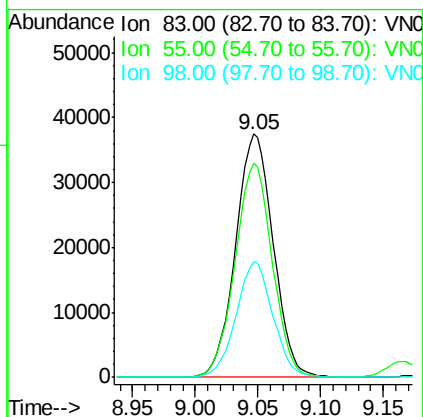
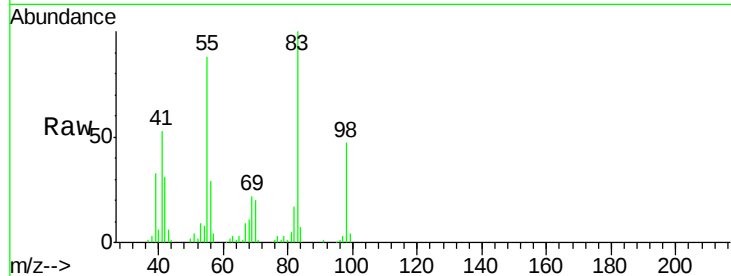




#39
Methvlcvclohexane
Concen: 41.266 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

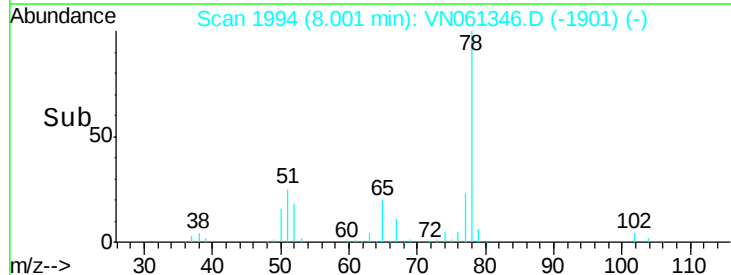
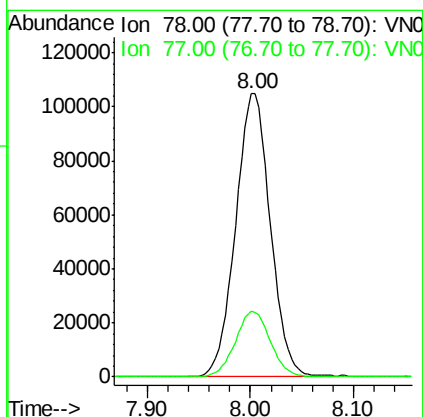
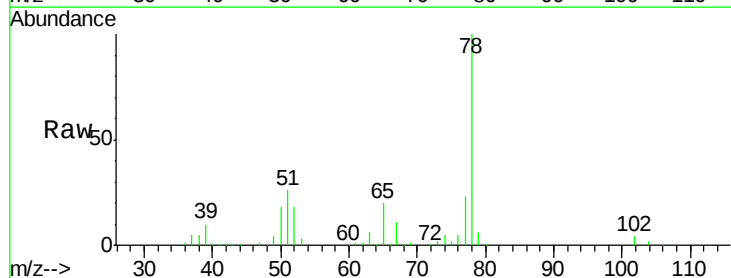
Instrument :
MSVOA_N
ClientSampled :

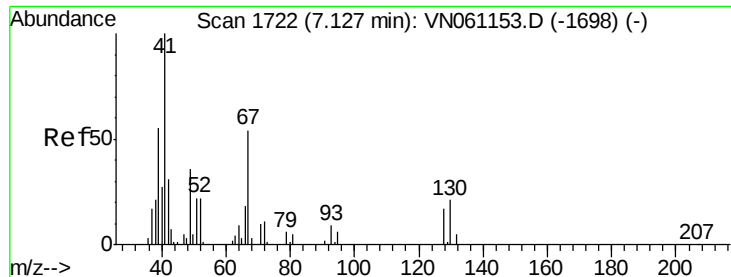
Tot Ion: 83 Resp: 78082
Ion Ratio Lower Upper
83 100
55 87.9 67.3 100.9
98 47.3 37.7 56.5



#40
Benzene
Concen: 48.839 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 78 Resp: 245493
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

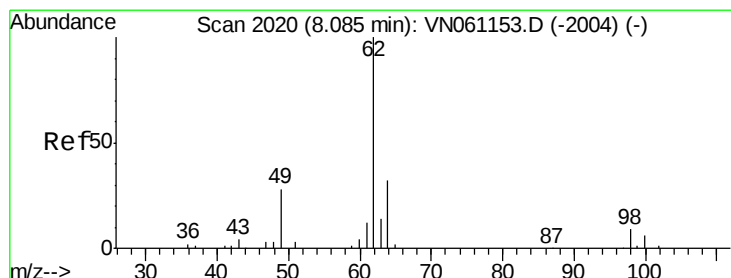
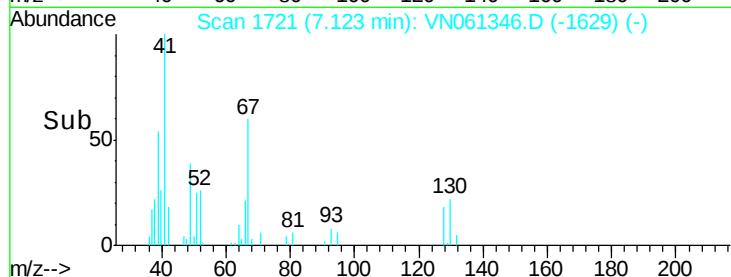
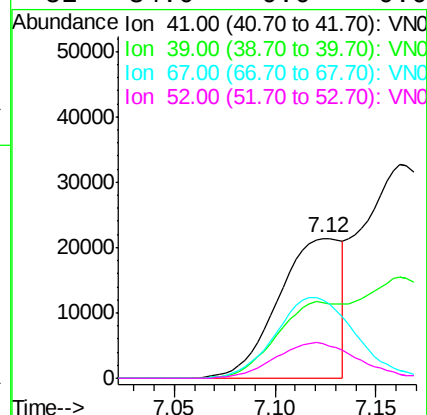
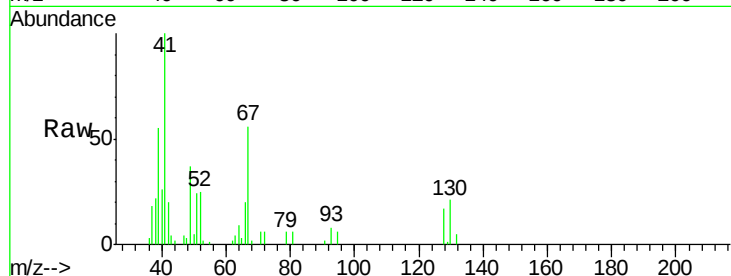




#41
Methacrylonitrile
Concen: 56.463 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

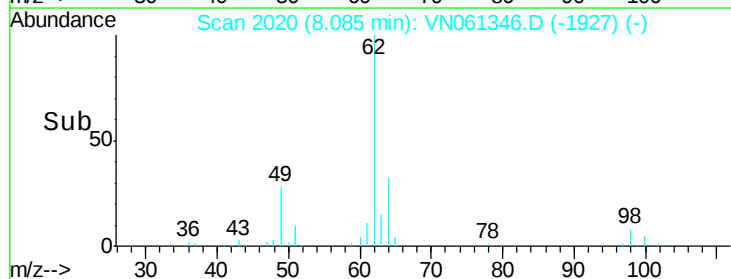
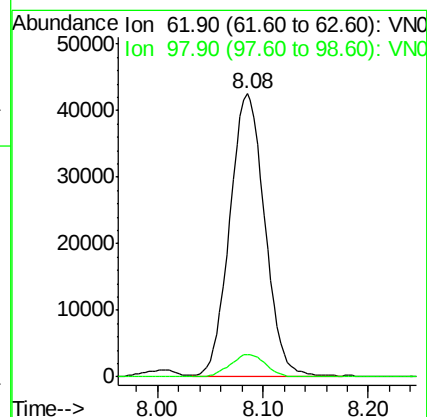
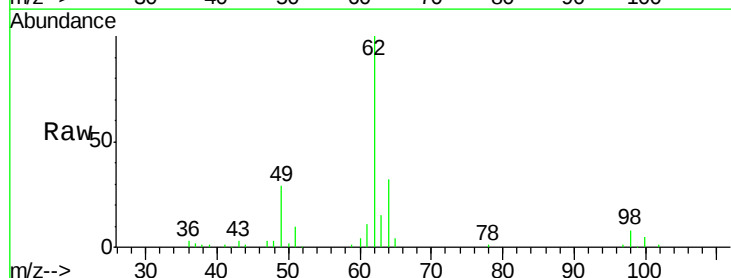
Instrument :
MSVOA_N
ClientSampled :

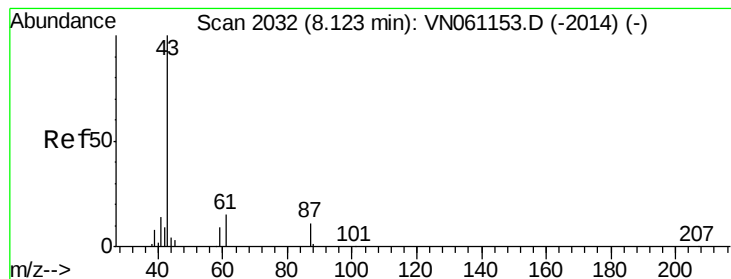
Tot Ion:	41	Resp:	46370
Ion	Ratio	Lower	Upper
41	100		
39	50.3	0.0	0.0#
67	73.9	0.0	0.0#
52	34.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.165 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion:	62	Resp:	97431
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.415 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

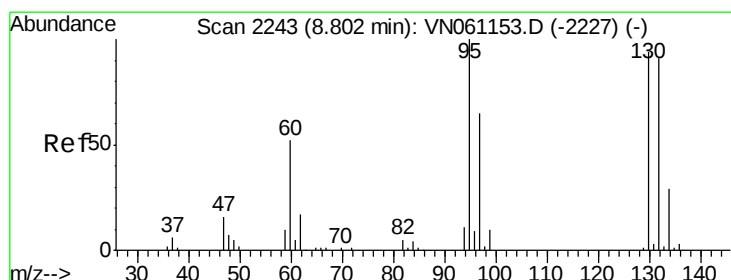
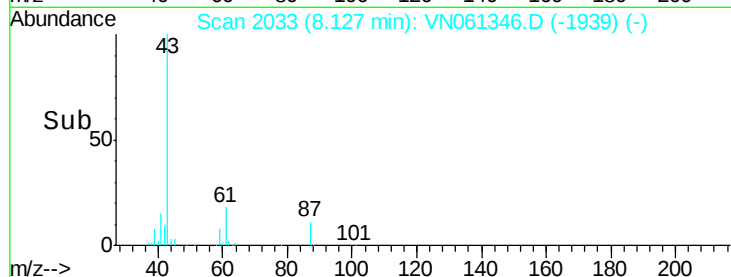
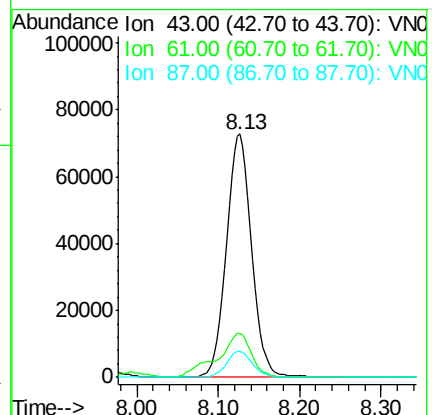
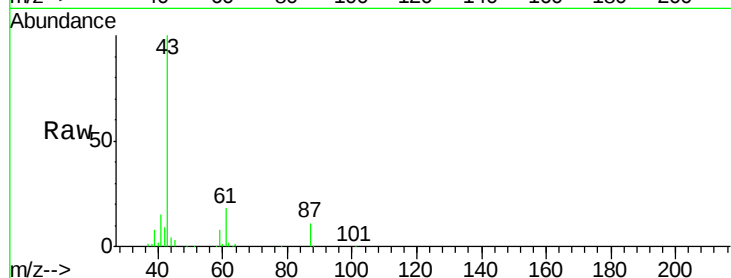
Tot Ion: 43 Resp: 158929

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

87 10.8 8.9 13.3



#44

Trichloroethene

Concen: 48.242 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061346.D

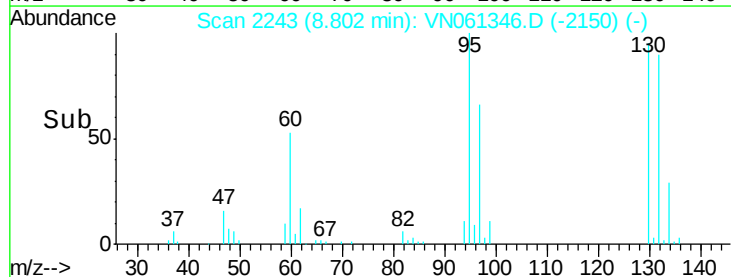
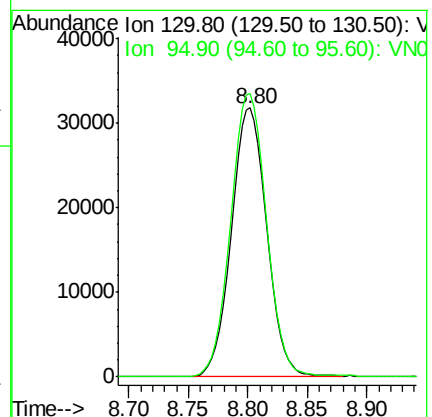
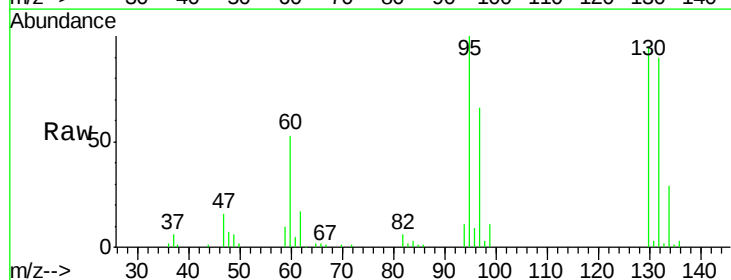
Acq: 7 May 2020 19:58

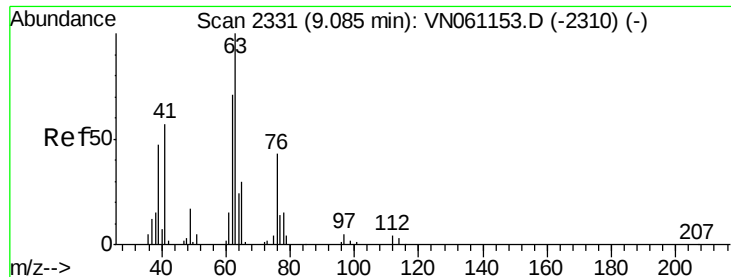
Tgt Ion: 130 Resp: 65553

Ion Ratio Lower Upper

130 100

95 105.3 0.0 212.4

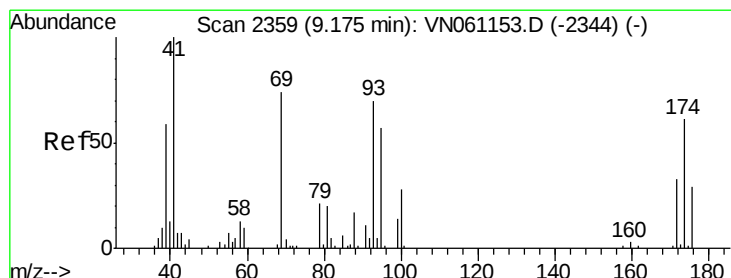
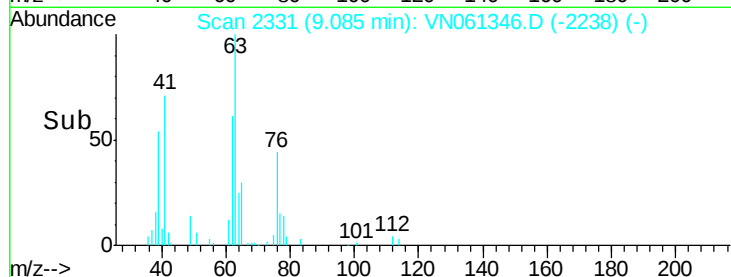
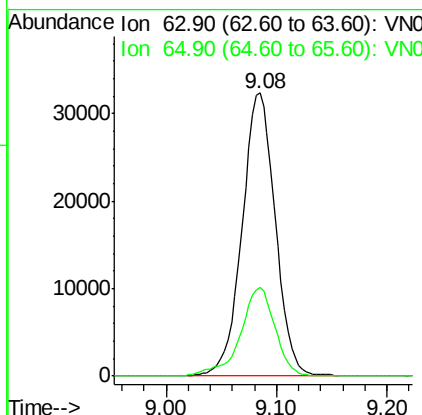
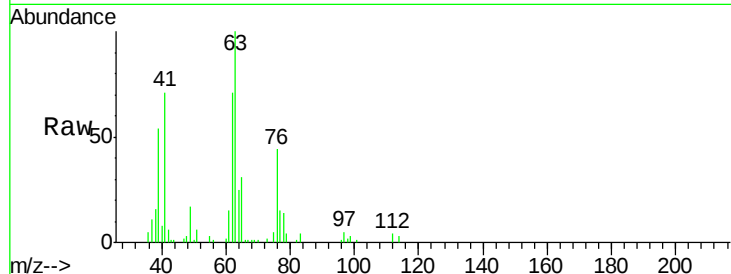




#45
 1,2-Dichloropropane
 Concen: 50.122 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

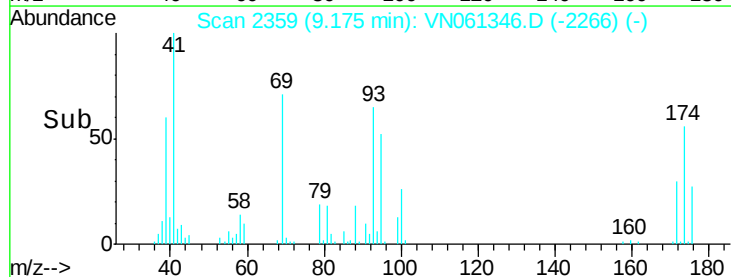
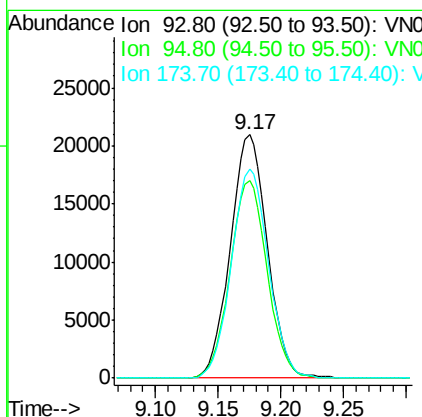
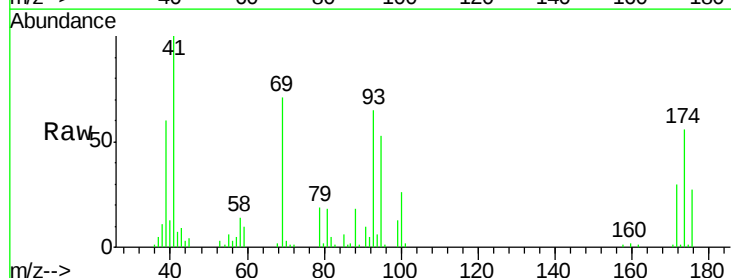
Instrument :
 MSVOA_N
 ClientSampled :

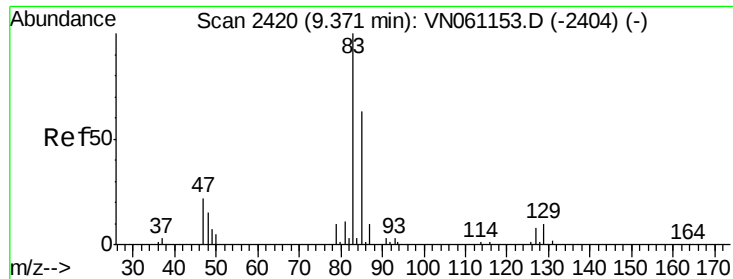
Tot Ion: 63 Resp: 67309
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 51.773 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 93 Resp: 43048
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 99.8
 174 85.9 70.2 105.2





#47

Bromodichloromethane

Concen: 51.798 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampled :

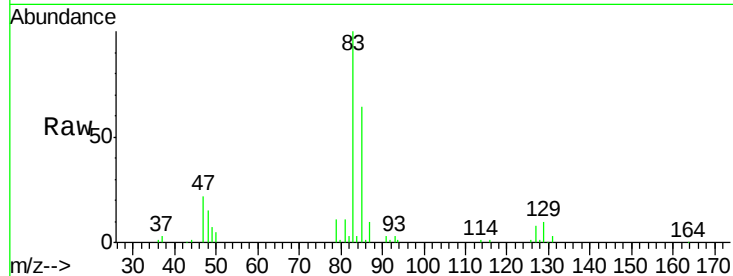
Tot Ion: 83 Resp: 92444

Ion Ratio Lower Upper

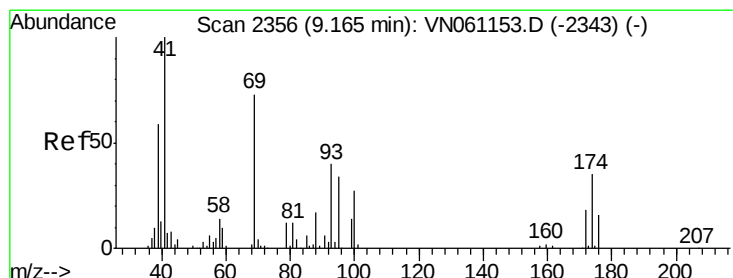
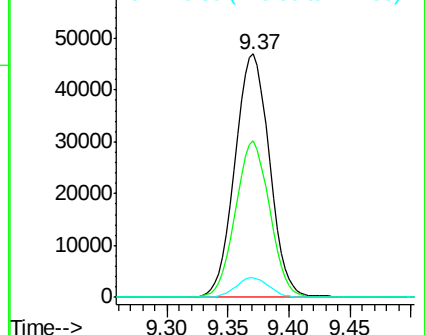
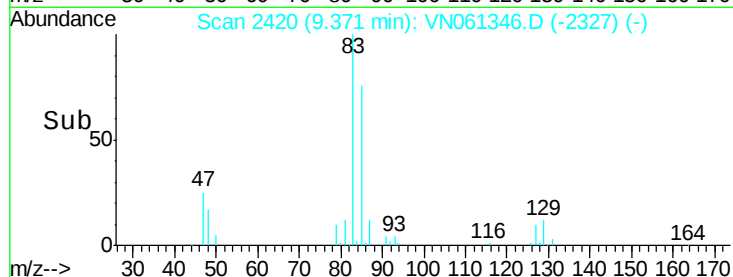
83 100

85 64.1 50.4 75.6

127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061346.D (-2327) (-)



#48

Methyl methacrylate

Concen: 53.448 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

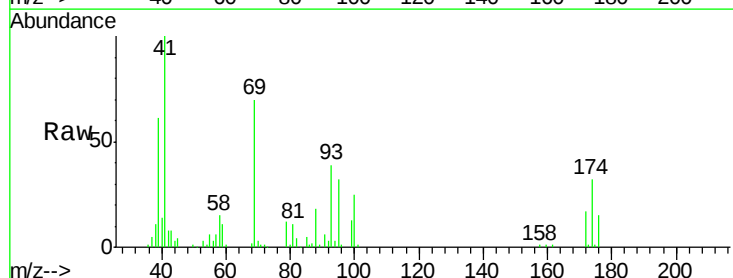
Tgt Ion: 41 Resp: 79172

Ion Ratio Lower Upper

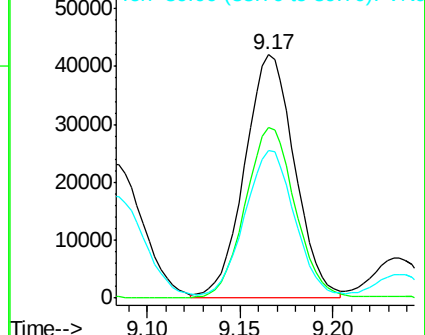
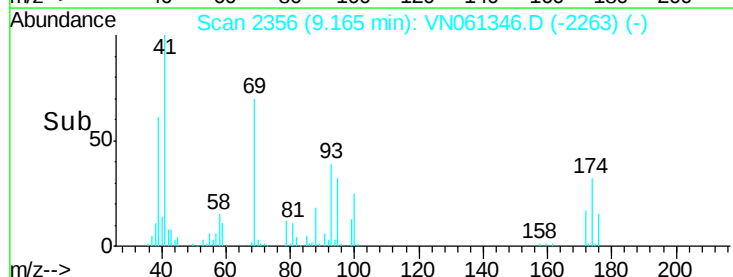
41 100

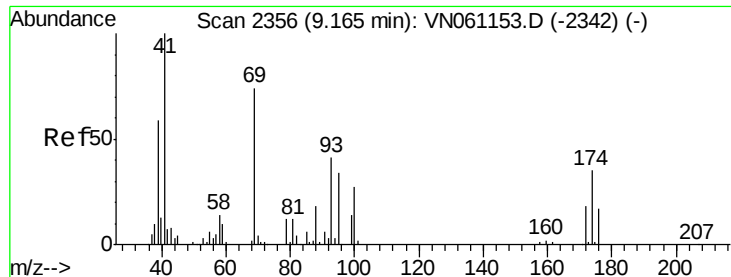
69 70.4 60.3 90.5

39 60.5 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061346.D (-2263) (-)

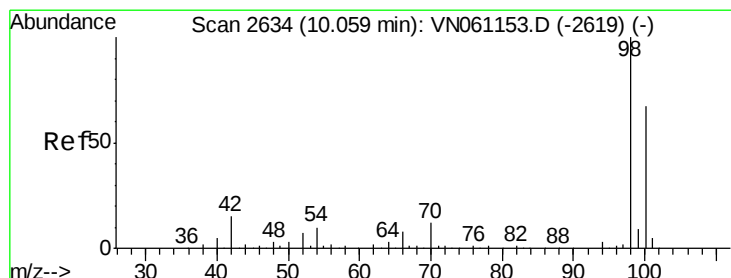
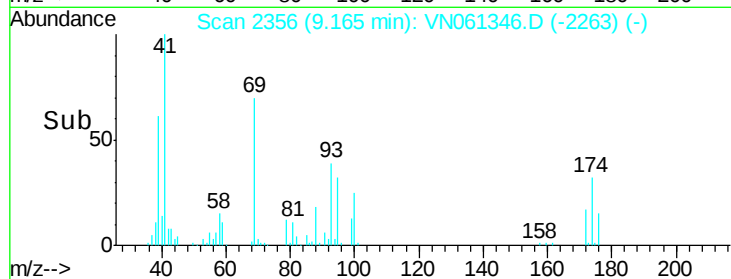
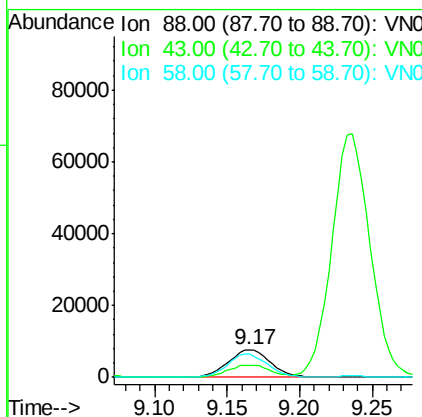
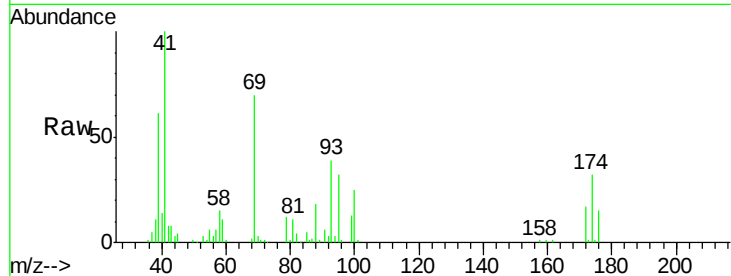




#49
 1,4-Dioxane
 Concen: 930.558 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

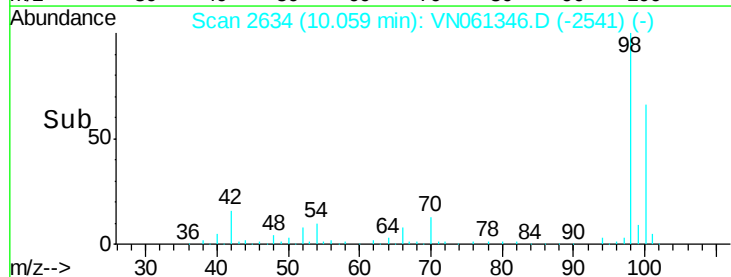
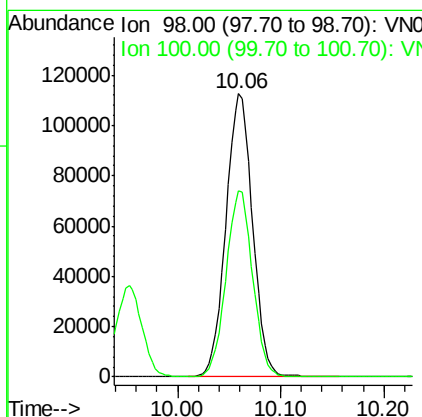
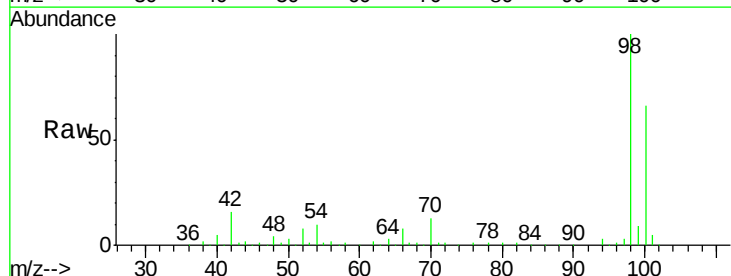
Instrument :
 MSVOA_N
 ClientSampleId :

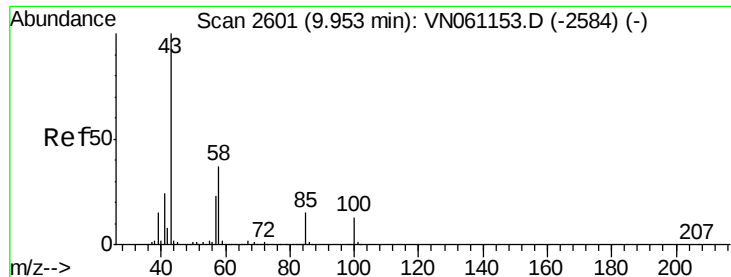
Tot Ion: 88 Resp: 15647
 Ion Ratio Lower Upper
 88 100
 43 45.1 35.3 52.9
 58 79.4 61.5 92.3



#50
 Toluene-d8
 Concen: 50.113 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 98 Resp: 203599
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.4 80.0

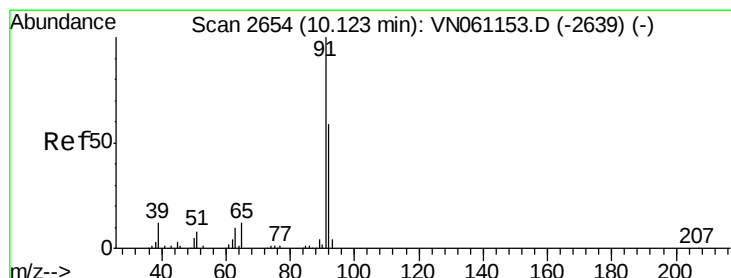
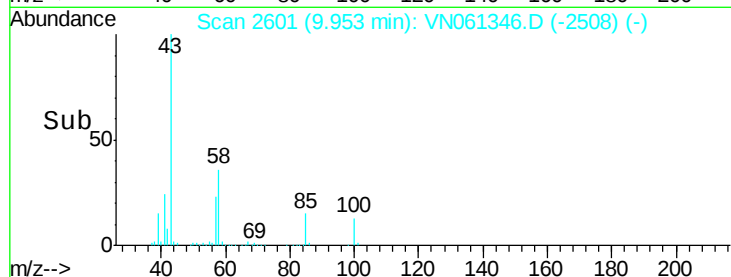
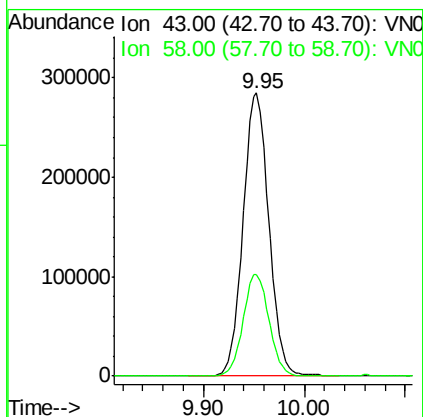
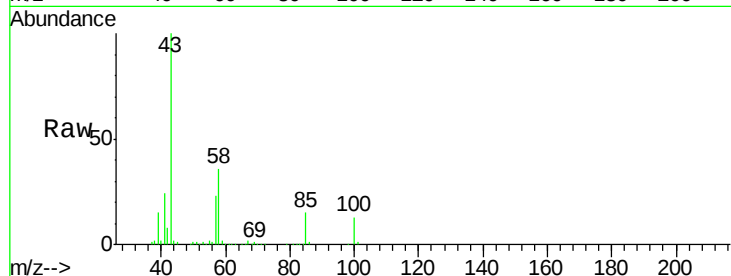




#51
 4-Methyl-2-Pentanone
 Concen: 259.865 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

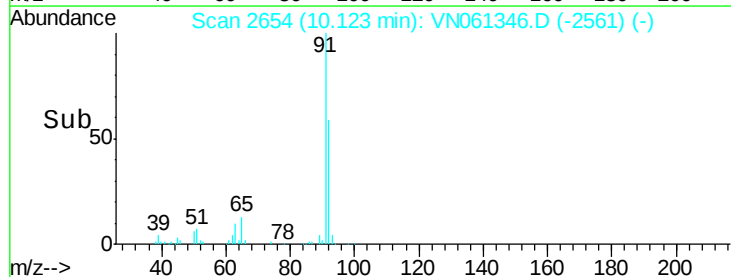
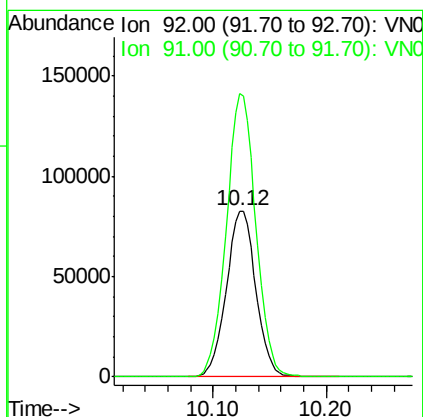
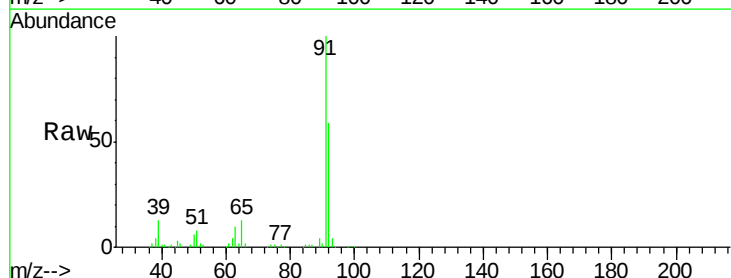
Instrument :
 MSVOA_N
 ClientSampleId :

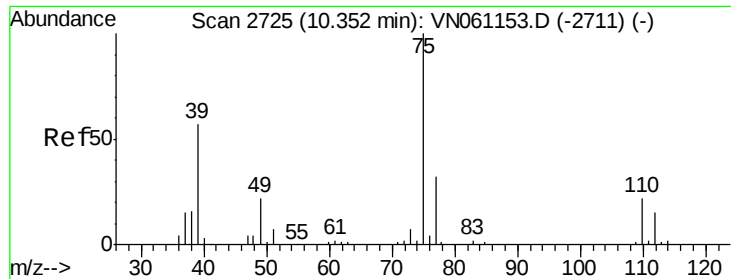
Tot Ion: 43 Resp: 502117
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.1 43.7



#52
 Toluene
 Concen: 49.299 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 92 Resp: 149261
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.2 204.2

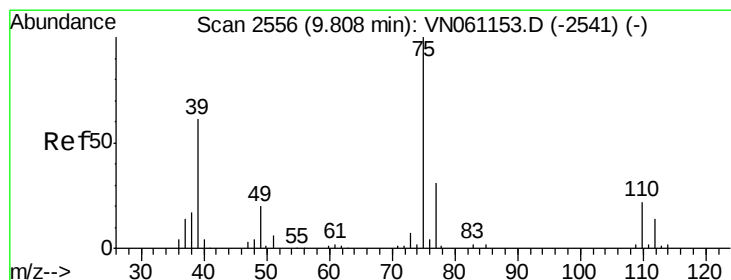
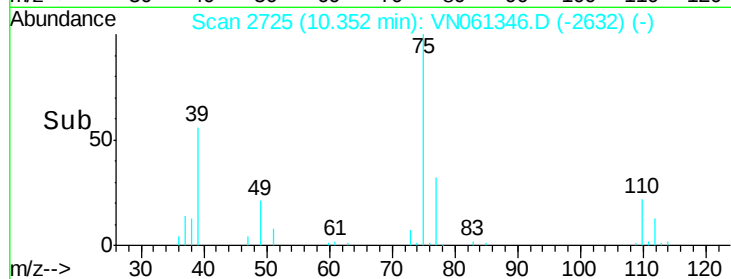
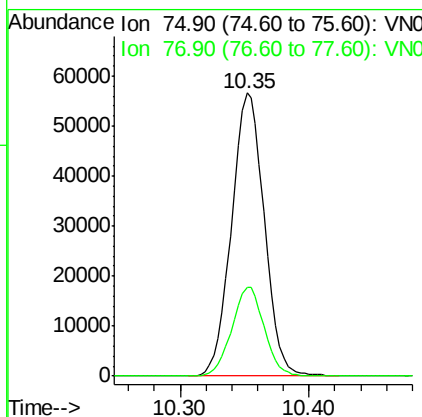
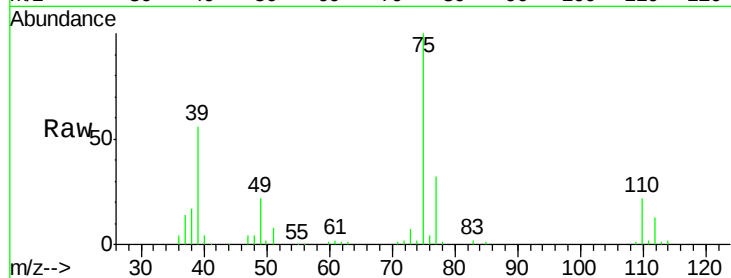




#53
t-1,3-Dichloropropene
Concen: 49.584 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

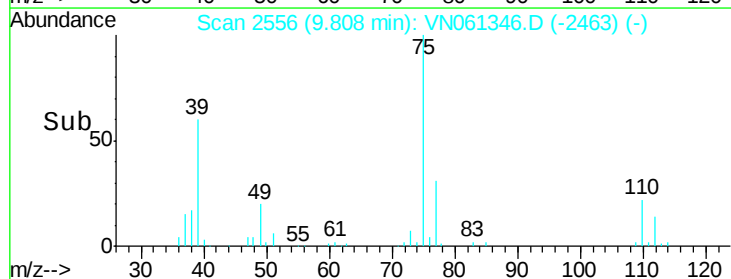
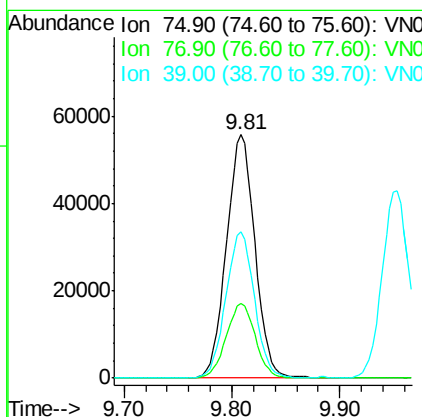
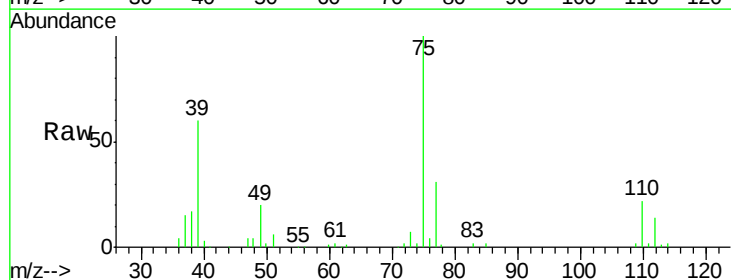
Instrument :
MSVOA_N
ClientSampleId :

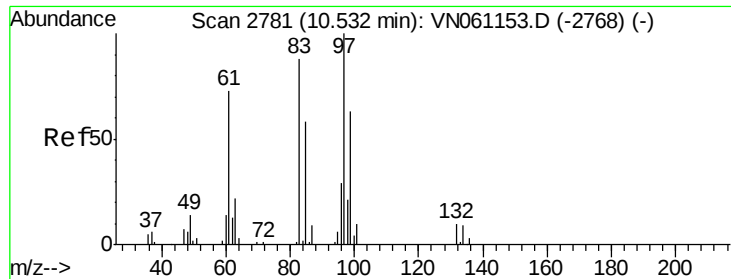
Tot Ion: 75 Resp: 99712
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 48.279 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 102642
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 59.9 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 49.409 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 59669

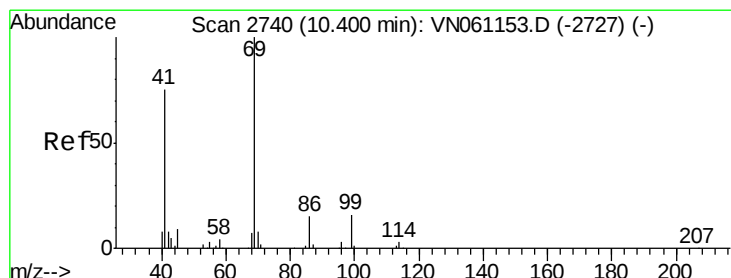
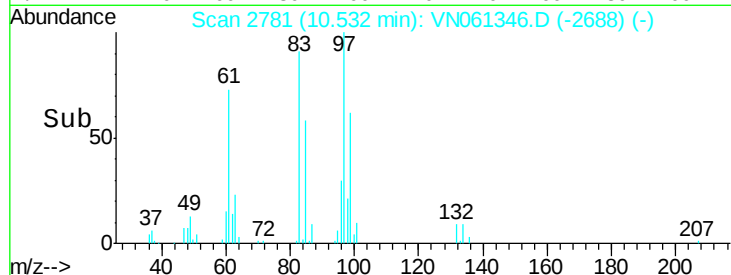
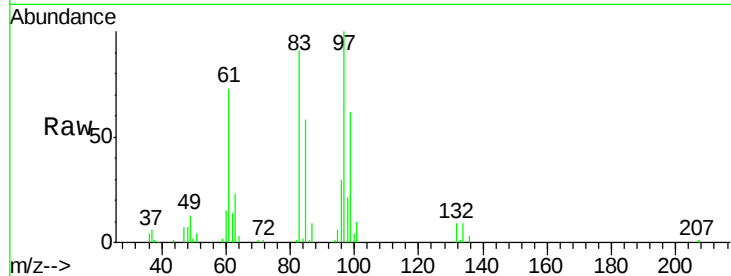
Ion	Ratio	Lower	Upper
97	100		
83	90.7	70.6	106.0
85	57.8	46.4	69.6
99	62.1	50.6	75.8

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.180 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

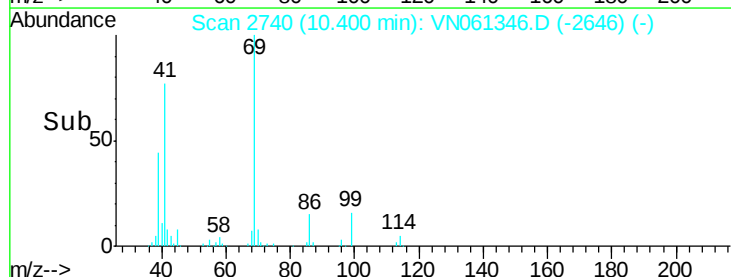
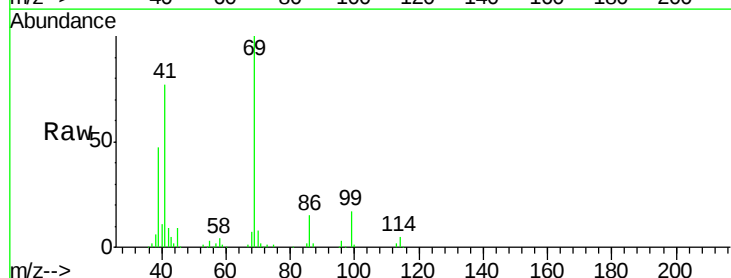
Tgt Ion: 69 Resp: 96718

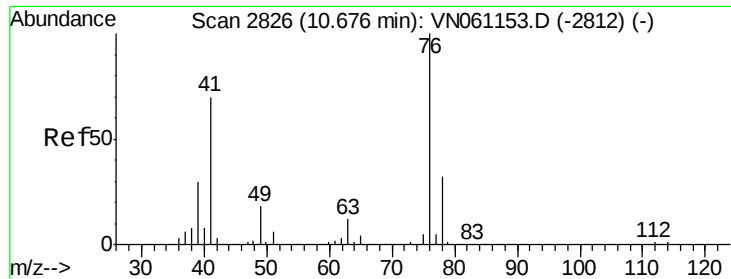
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	45.5	35.9	53.9

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

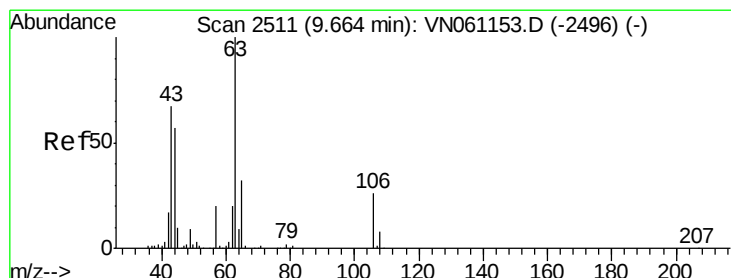
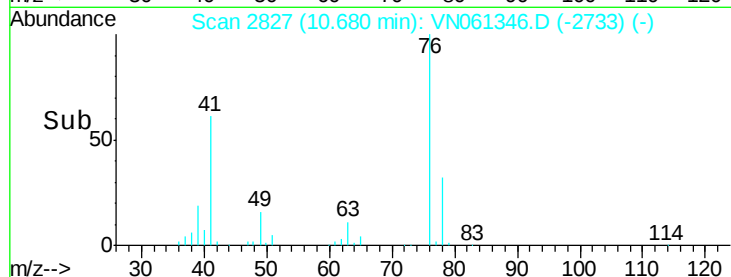
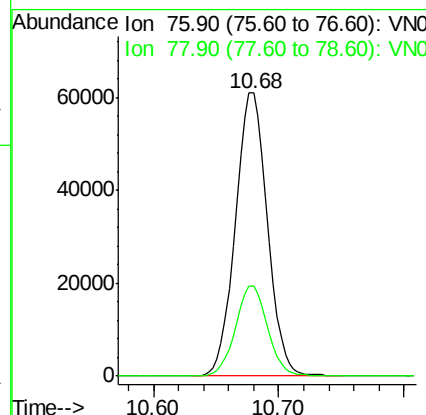
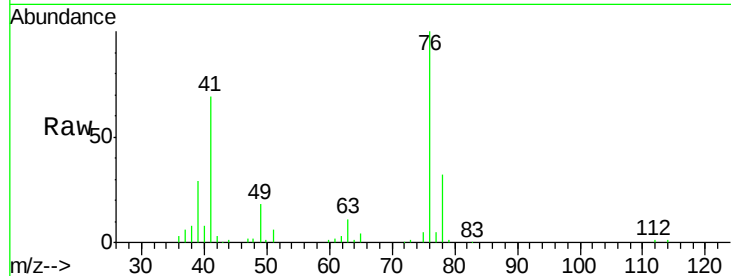




#57
 1,3-Dichloropropane
 Concen: 50.876 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

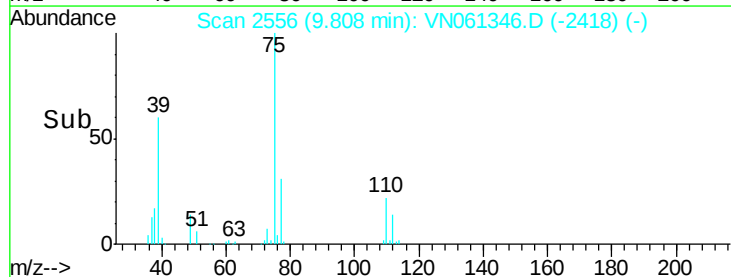
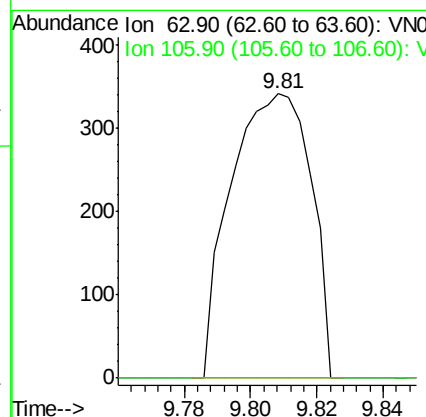
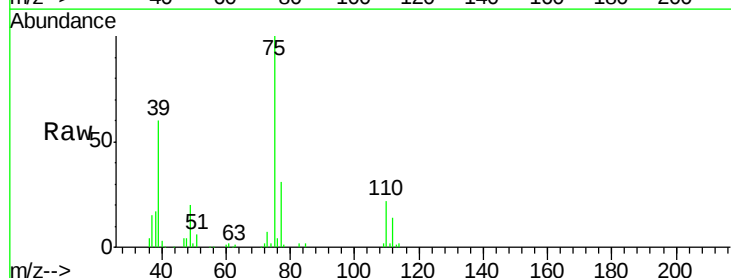
Instrument :
 MSVOA_N
 ClientSampled :

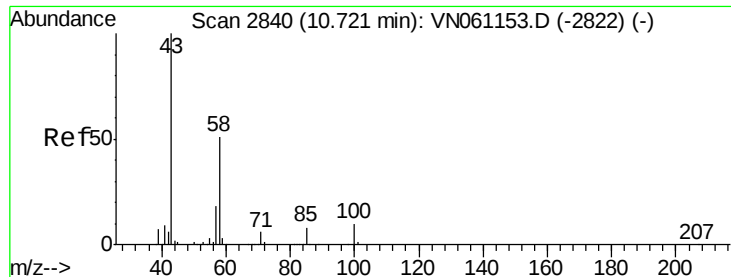
Tot Ion: 76 Resp: 107996
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.585 ug/l
 RT: 9.81 min Scan# 2556
 Delta R.T. 0.14 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 63 Resp: 572
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#

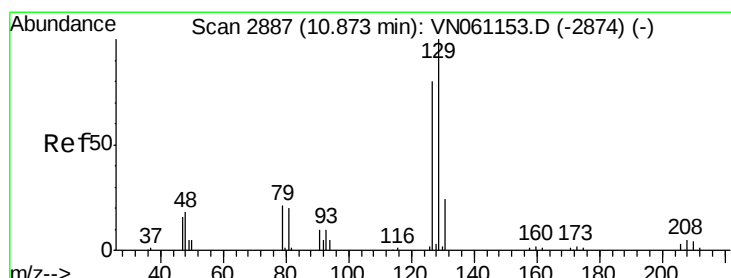
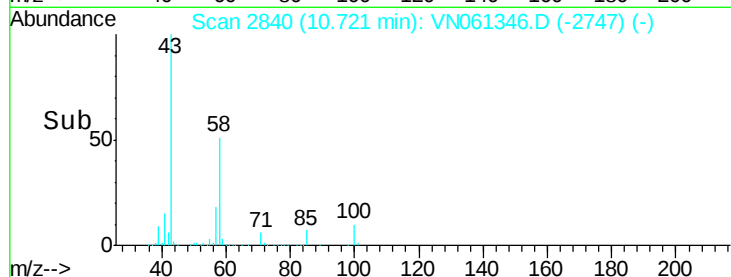
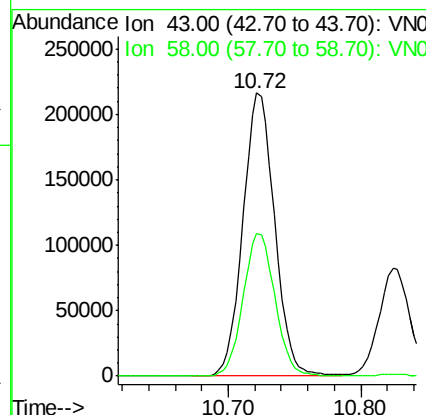
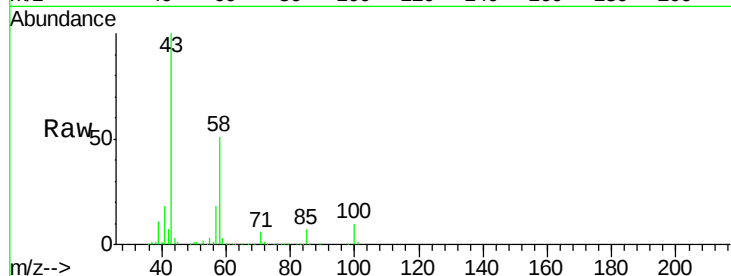




#59
2-Hexanone
Concen: 255.830 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

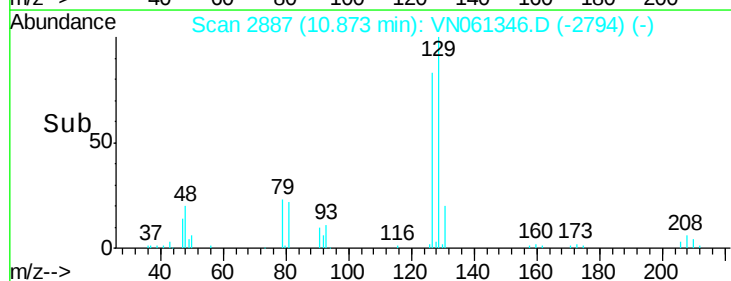
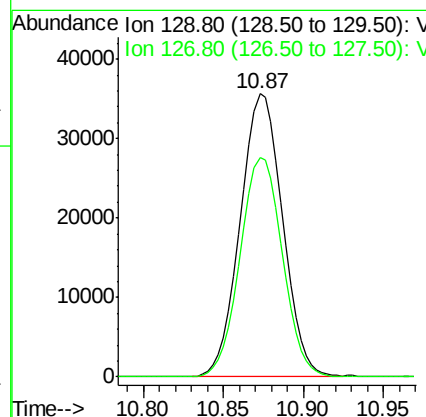
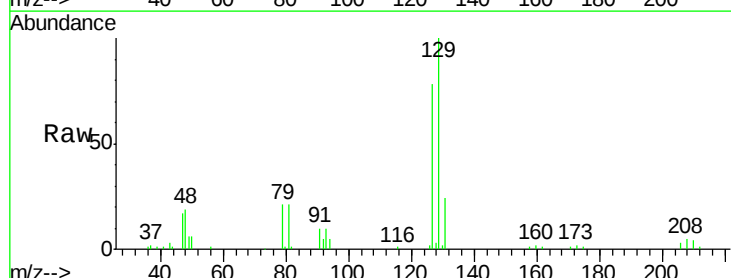
Instrument :
MSVOA_N
ClientSampleId :

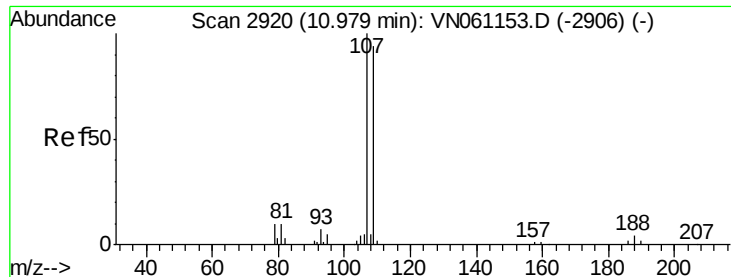
Tot Ion: 43 Resp: 359628
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.4



#60
Dibromochloromethane
Concen: 50.949 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion: 129 Resp: 64441
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8

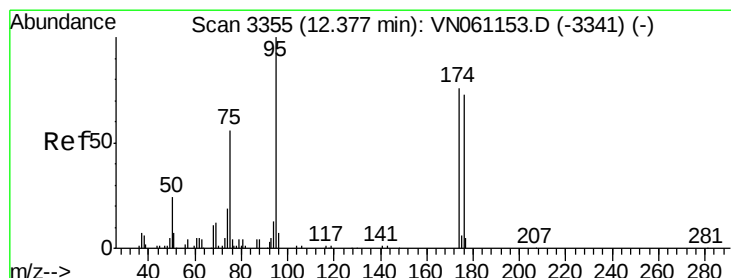
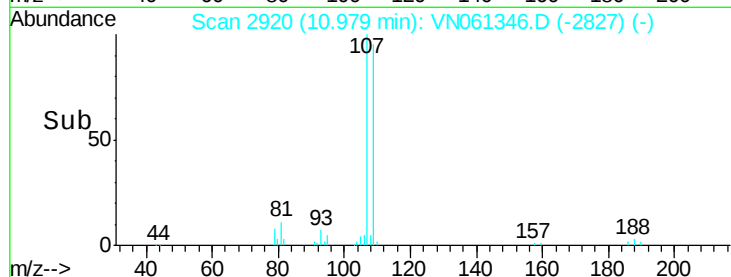
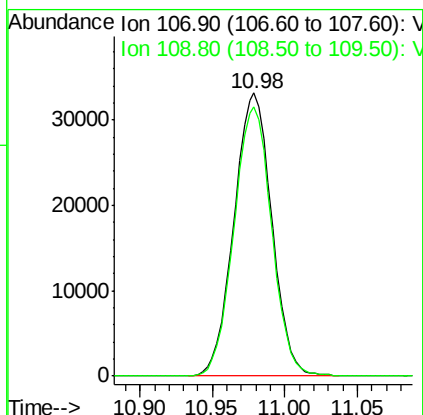
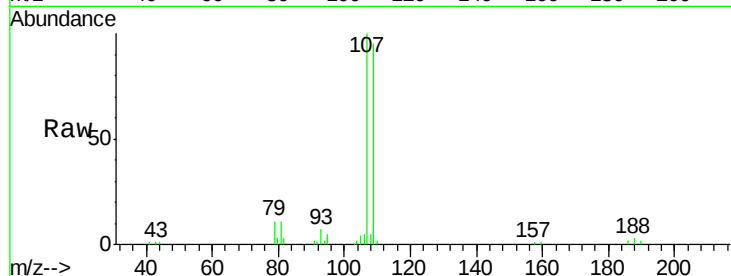




#61
 1,2-Dibromoethane
 Concen: 49.617 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

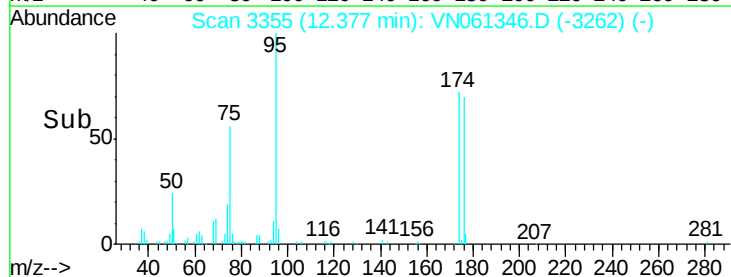
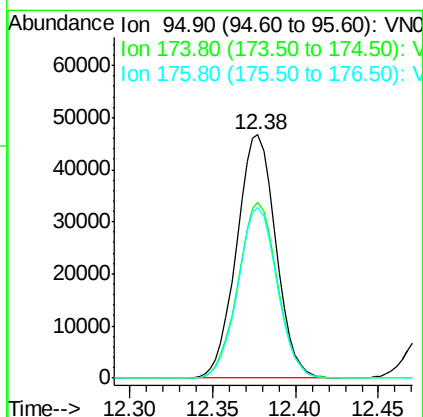
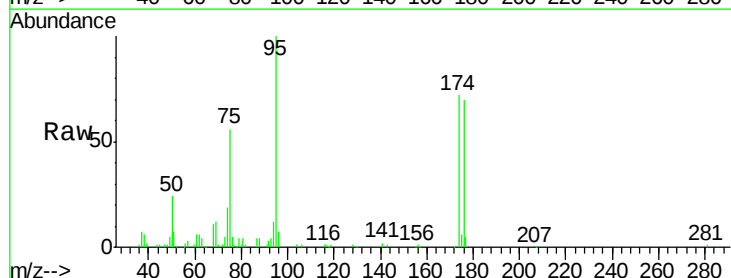
Instrument :
 MSVOA_N
 ClientSampleId :

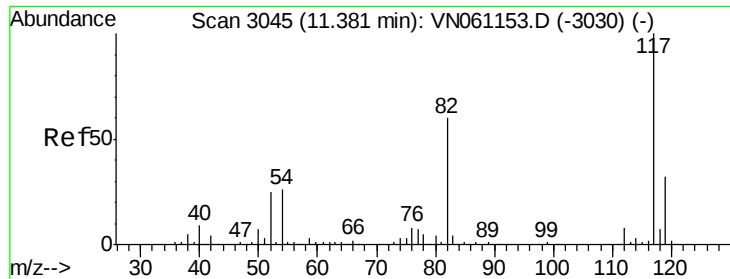
Tot Ion:107 Resp: 60058
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.293 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 95 Resp: 76893
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 149.4
 176 70.0 0.0 144.8

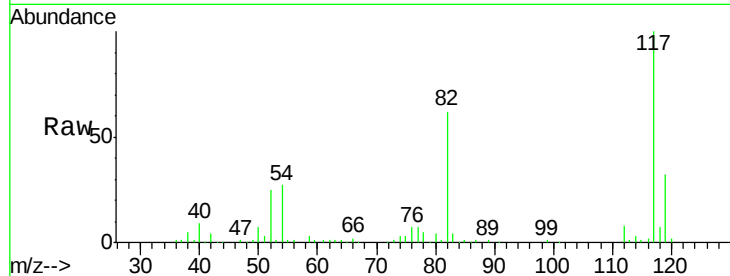




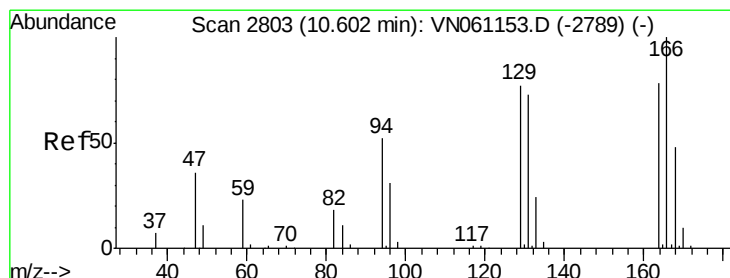
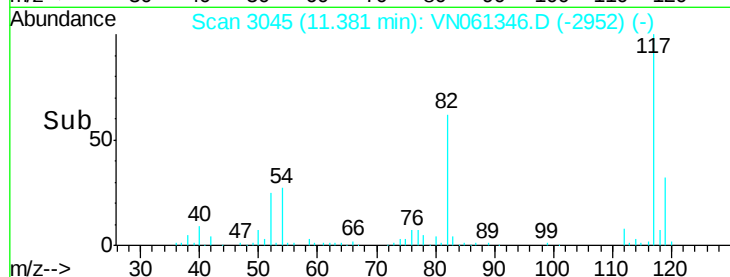
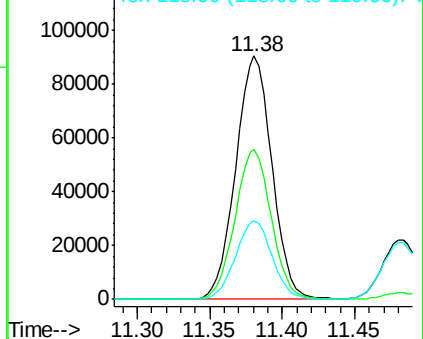
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 157105
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.3 25.8 38.6

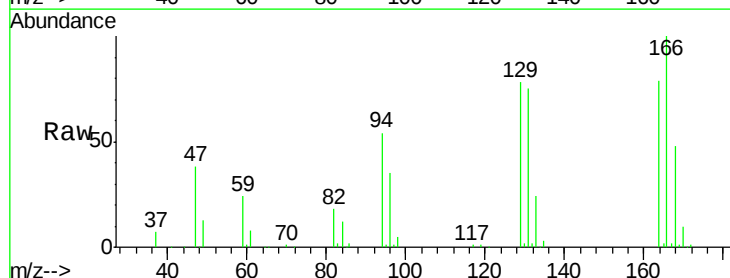


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

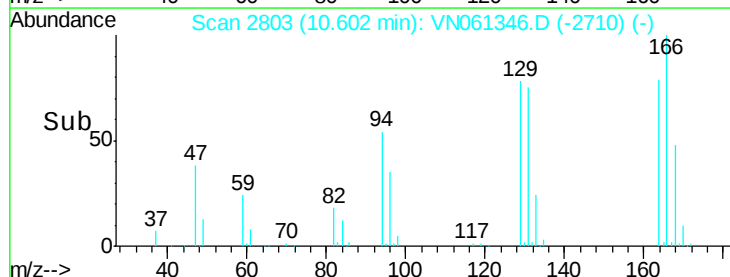
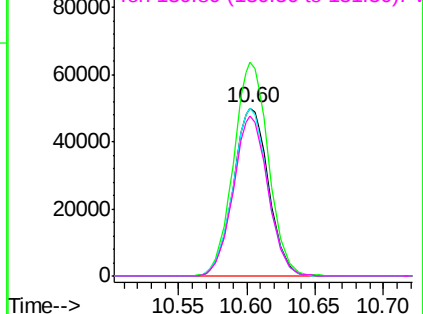


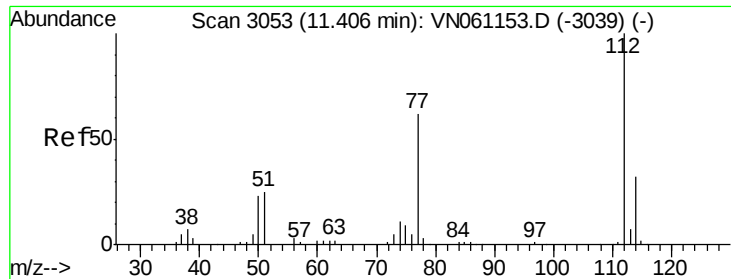
#64
Tetrachloroethene
Concen: 65.471 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion:164 Resp: 89086
Ion Ratio Lower Upper
164 100
166 127.1 102.0 153.0
129 99.5 78.2 117.2
131 95.5 74.5 111.7



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

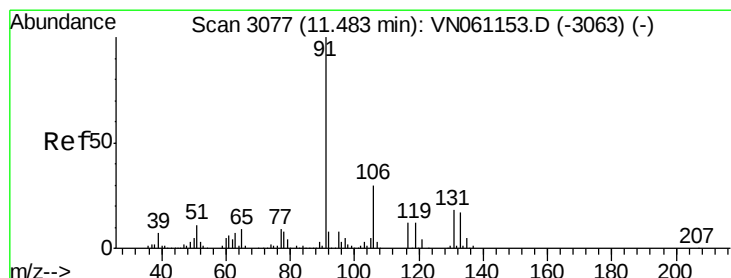
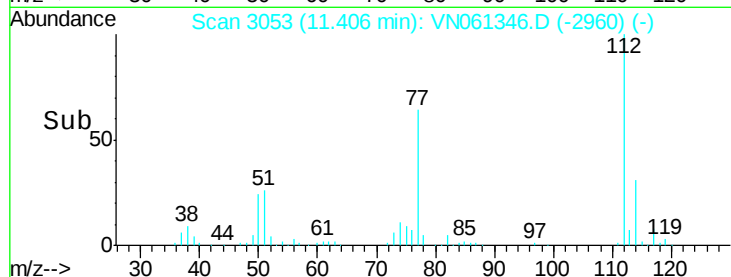
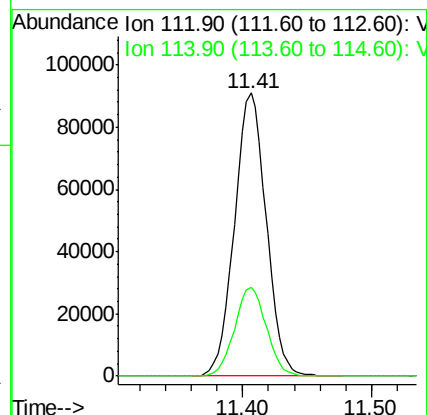
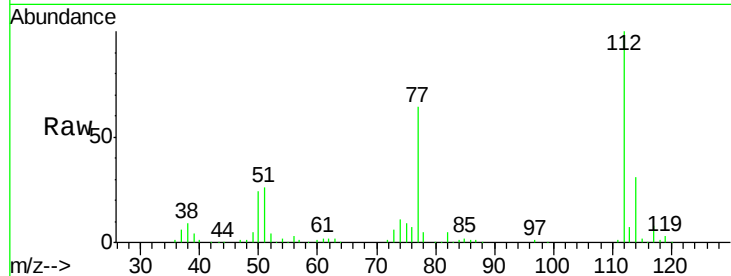




#65
Chlorobenzene
Concen: 49.920 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

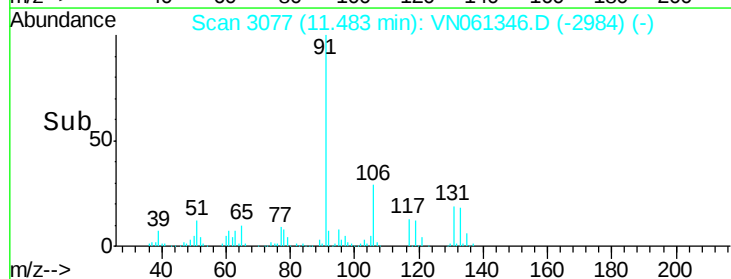
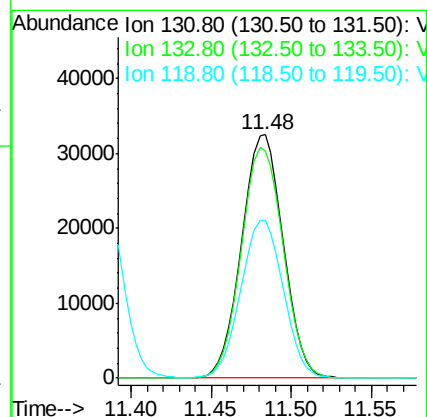
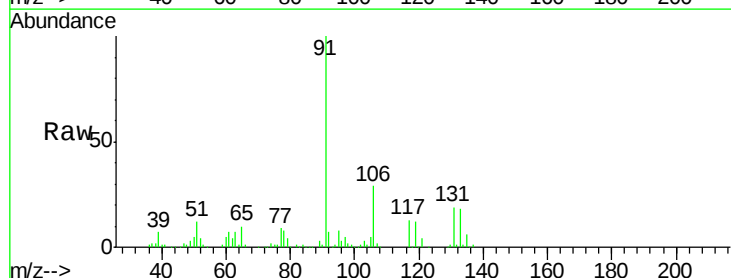
Instrument :
MSVOA_N
ClientSampled :

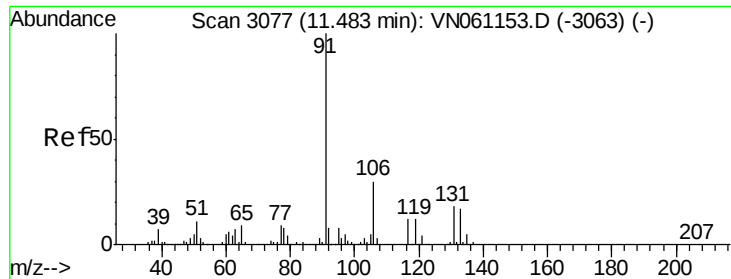
Tot Ion:112 Resp: 155573
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.719 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion:131 Resp: 57687
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 66.2 32.6 97.8





#67

Ethyl Benzene

Concen: 50.090 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

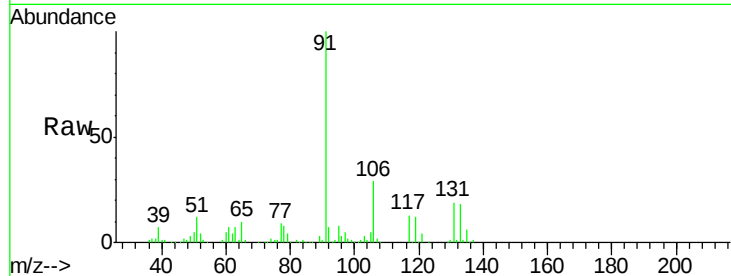
ClientSampled :

Tot Ion: 91 Resp: 292219

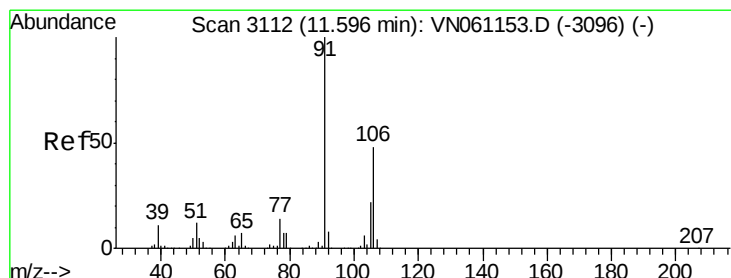
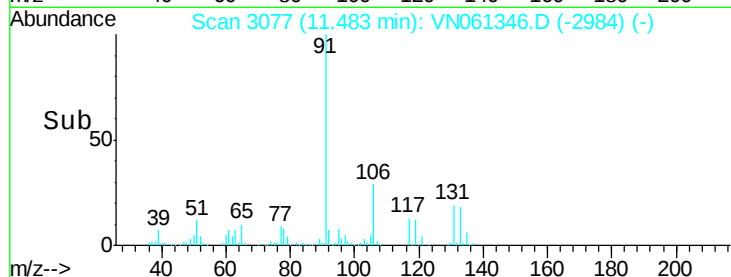
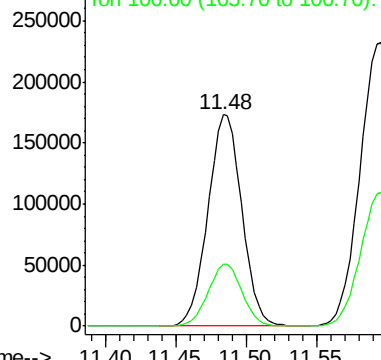
Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 98.362 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061346.D

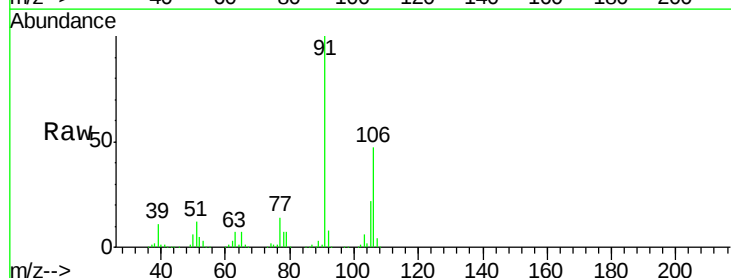
Acq: 7 May 2020 19:58

Tgt Ion: 106 Resp: 210042

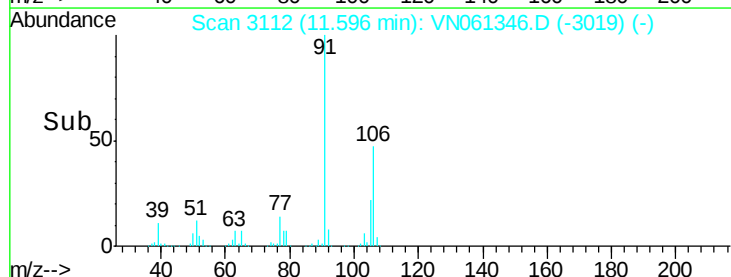
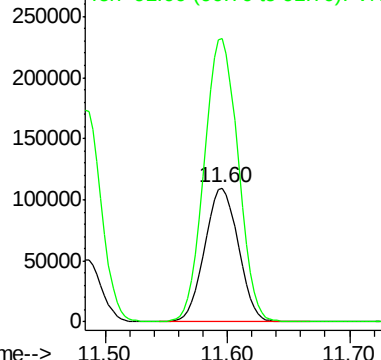
Ion Ratio Lower Upper

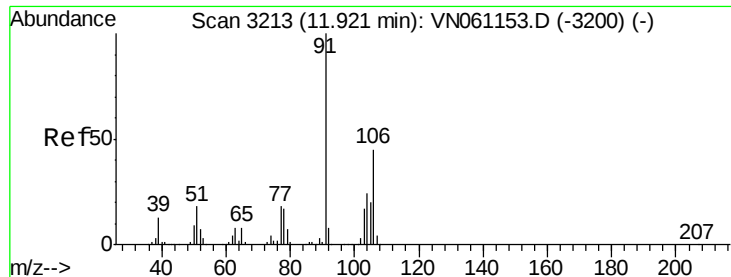
106 100

91 213.4 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

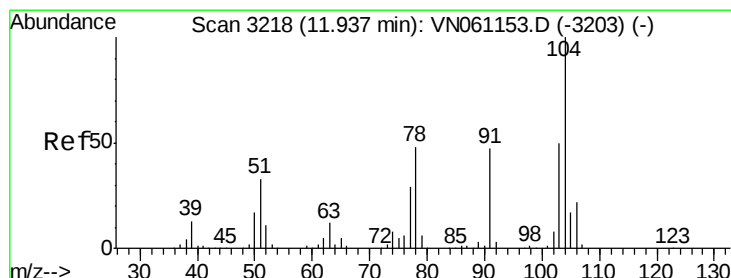
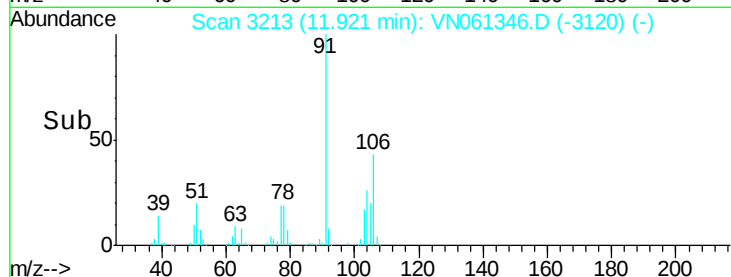
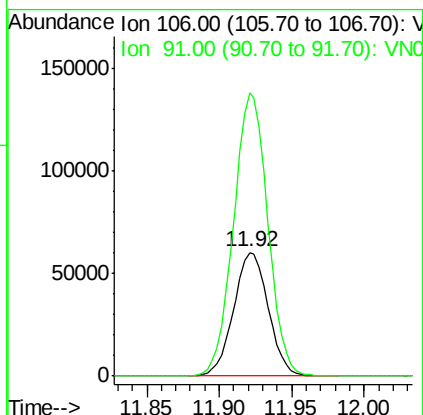
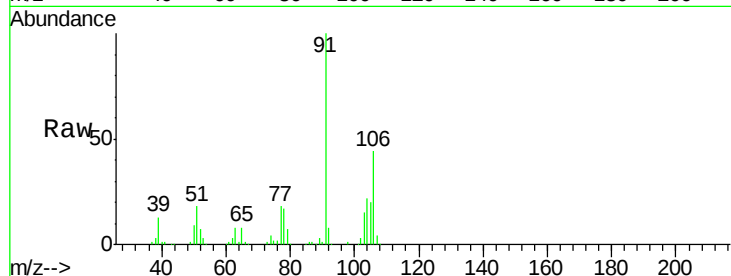




#69
o-Xylene
Concen: 48.653 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

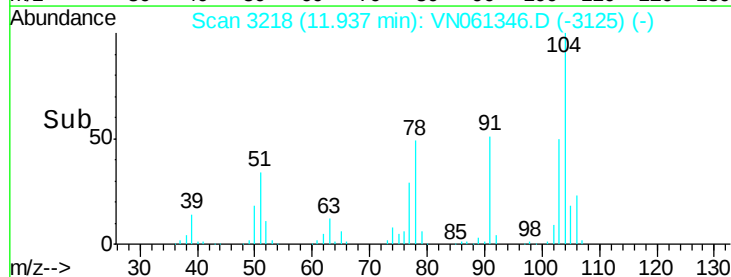
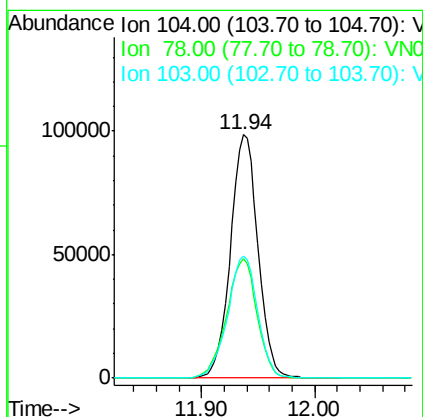
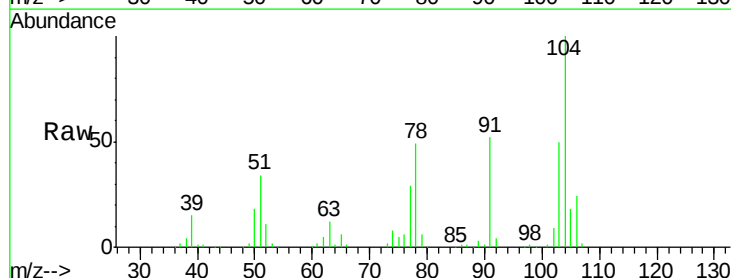
Instrument :
MSVOA_N
ClientSampled :

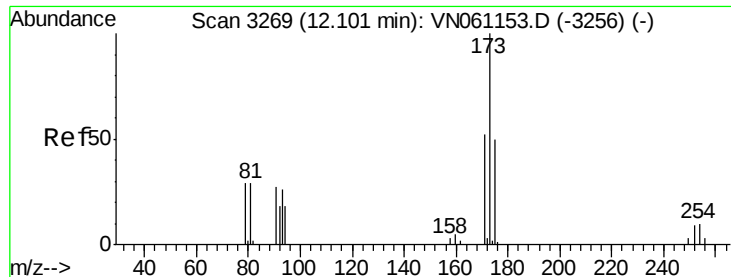
Tot Ion:106 Resp: 99796
Ion Ratio Lower Upper
106 100
91 226.7 109.7 329.0



#70
Styrene
Concen: 48.649 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061346.D
Acq: 7 May 2020 19:58

Tgt Ion:104 Resp: 167013
Ion Ratio Lower Upper
104 100
78 54.3 42.1 63.1
103 54.8 43.3 64.9





#71

Bromoform

Concen: 52.424 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

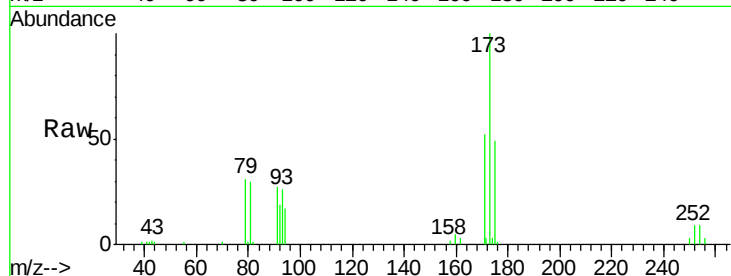
Tot Ion:173 Resp: 42975

Ion Ratio Lower Upper

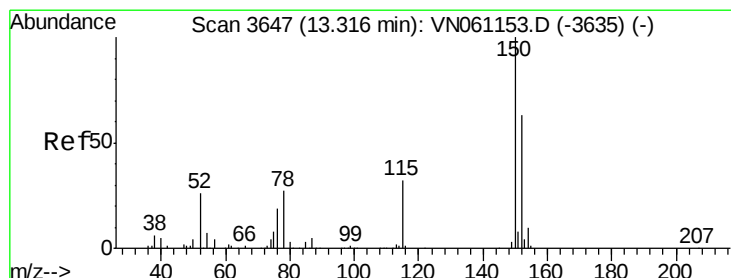
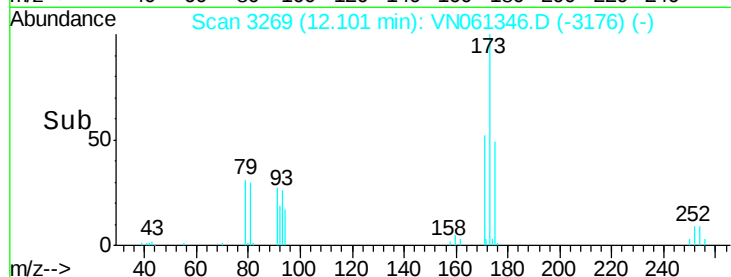
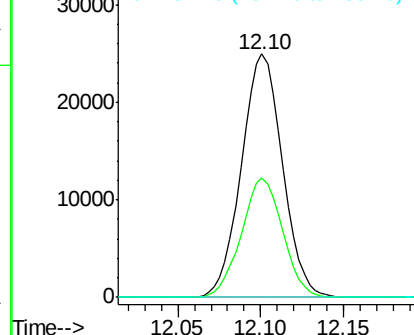
173 100

175 49.1 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

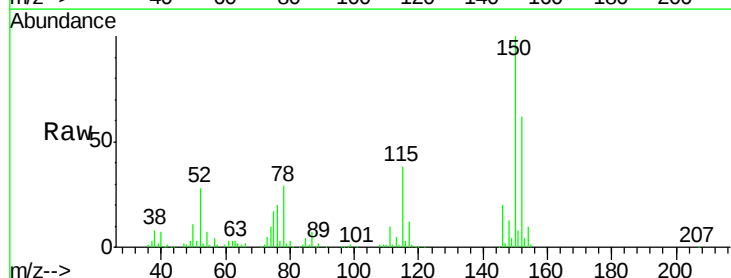
Tgt Ion:152 Resp: 77789

Ion Ratio Lower Upper

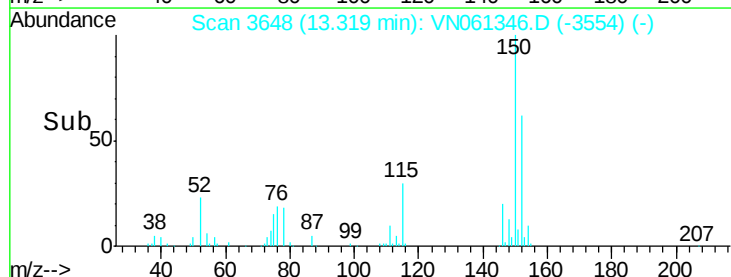
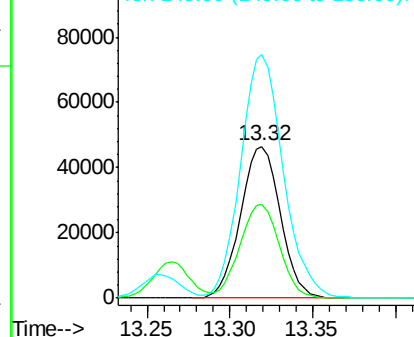
152 100

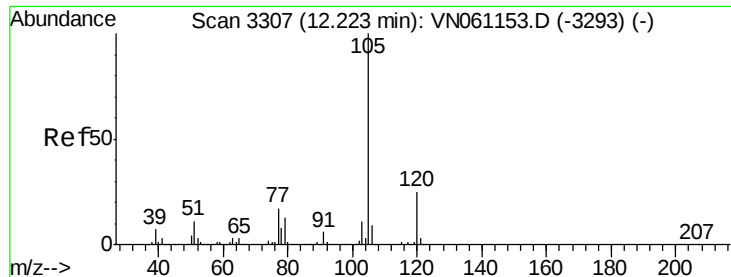
115 61.8 31.0 93.0

150 172.0 0.0 351.8



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: 47.989 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

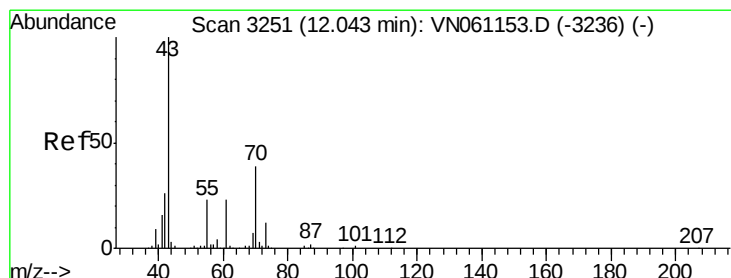
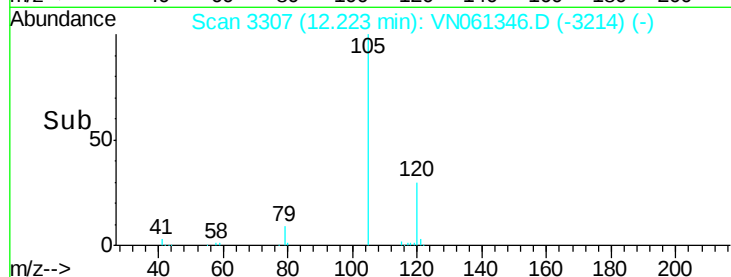
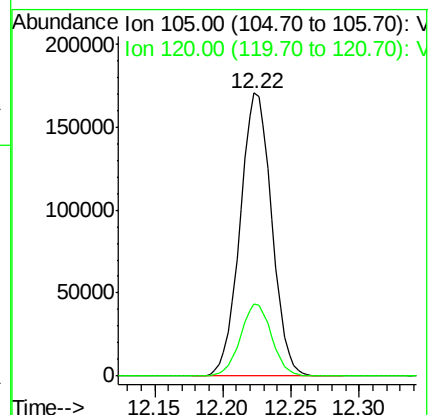
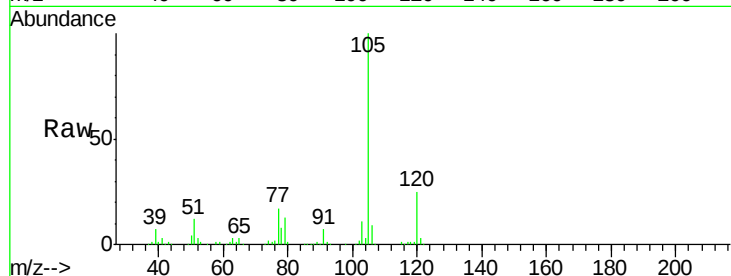
ClientSampleId :

Tot Ion:105 Resp: 274429

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.8



#74

N-ethyl acetate

Concen: 46.955 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Tgt Ion: 43 Resp: 135971

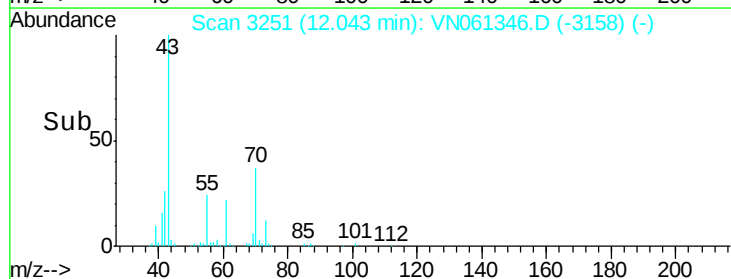
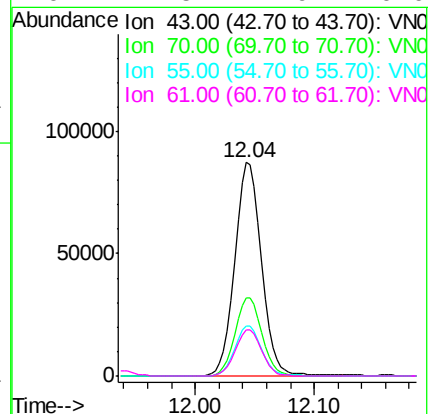
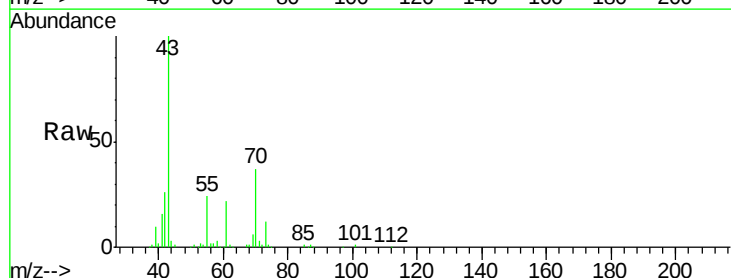
Ion Ratio Lower Upper

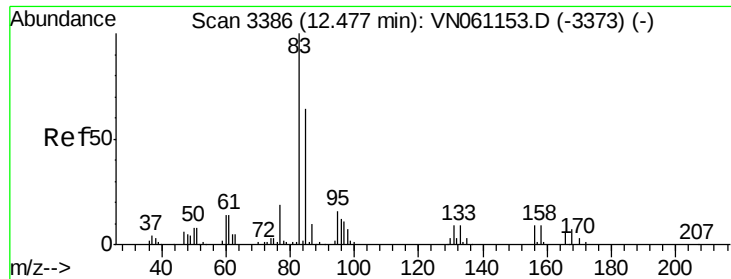
43 100

70 36.8 30.6 46.0

55 23.6 18.5 27.7

61 21.5 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

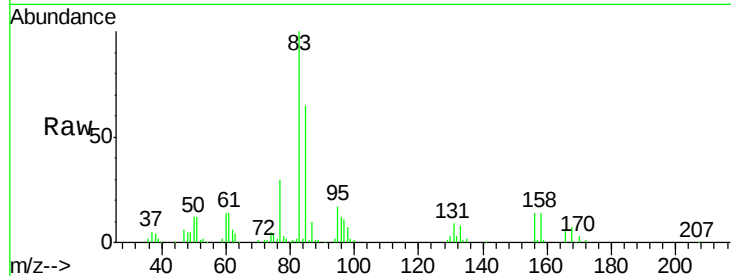
Tot Ion: 83 Resp: 89477

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

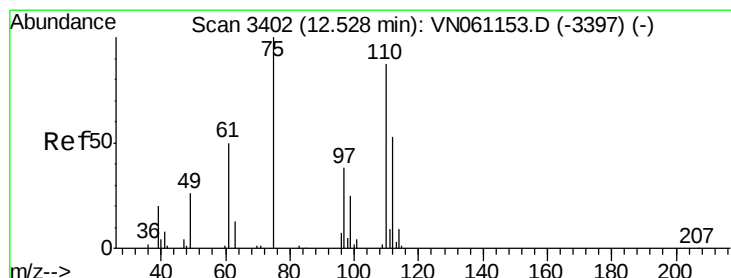
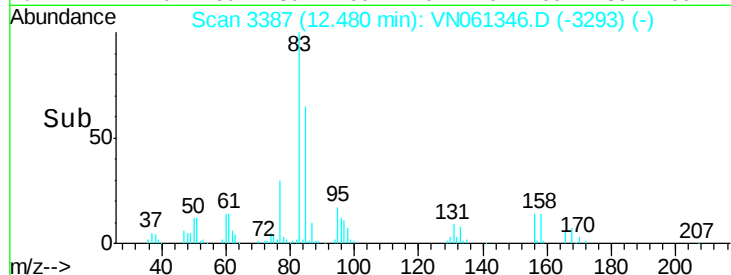
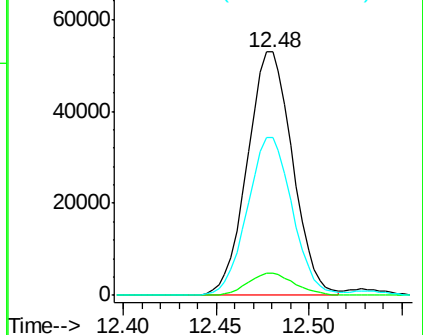
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.950 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061346.D

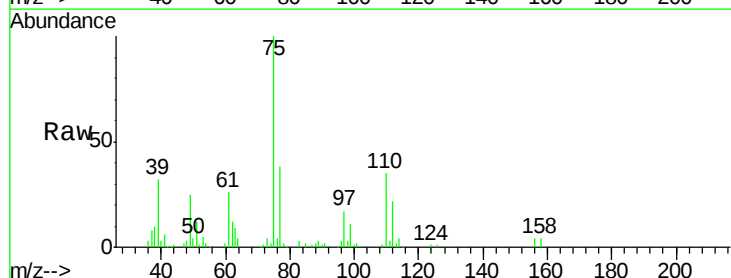
Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 121278

Ion Ratio Lower Upper

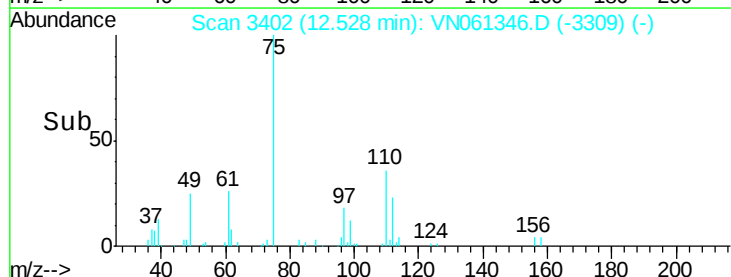
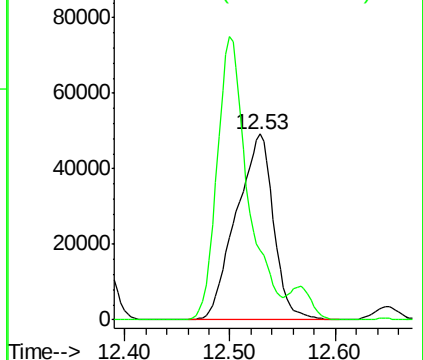
75 100

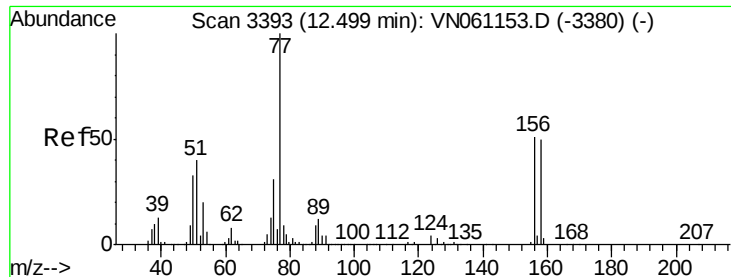
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.162 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

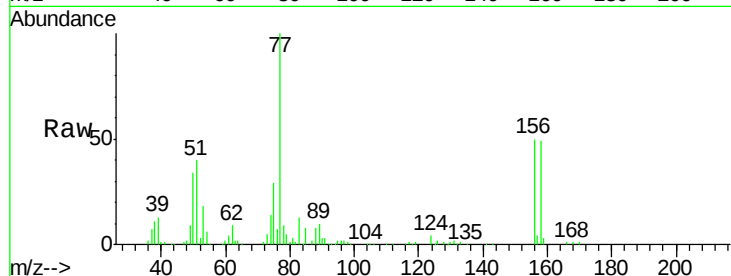
Tot Ion:156 Resp: 64899

Ion	Ratio	Lower	Upper
156	100		
77	235.3	117.4	352.2
158	95.4	48.4	145.0

156 100

77 235.3 117.4 352.2

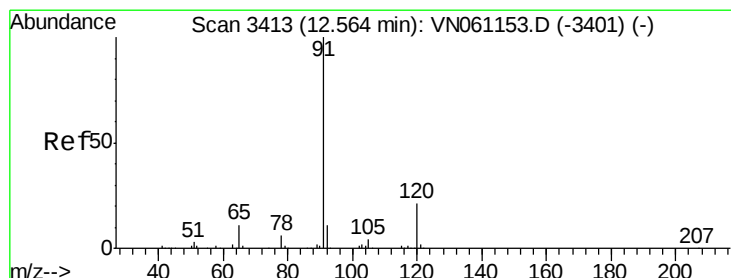
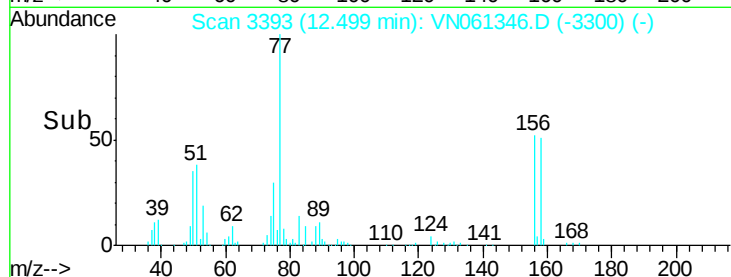
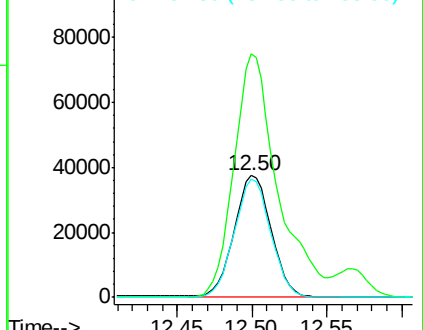
158 95.4 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.151 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061346.D

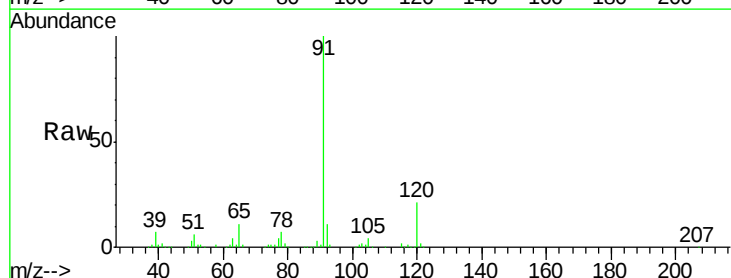
Acq: 7 May 2020 19:58

Tgt Ion: 91 Resp: 326604

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3

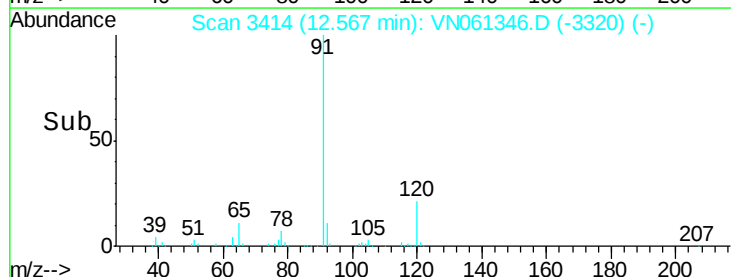
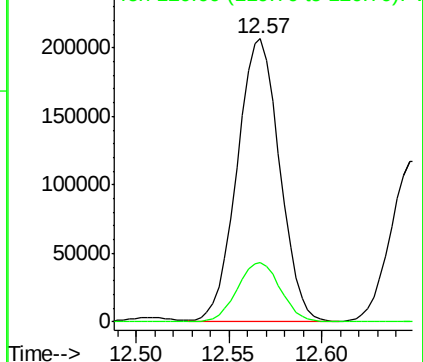
91 100

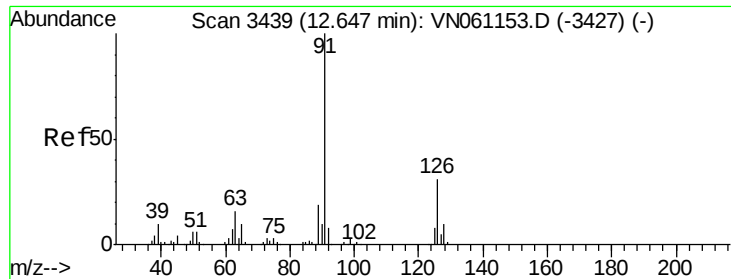
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.643 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

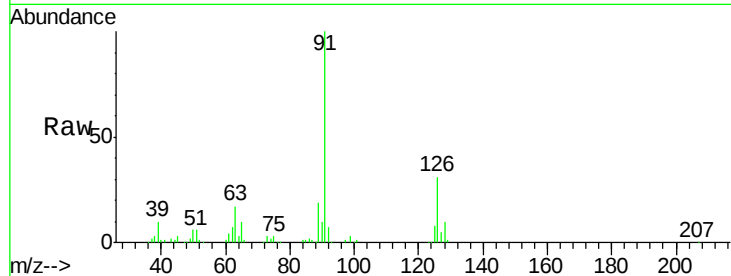
ClientSampleId :

Tot Ion: 91 Resp: 193931

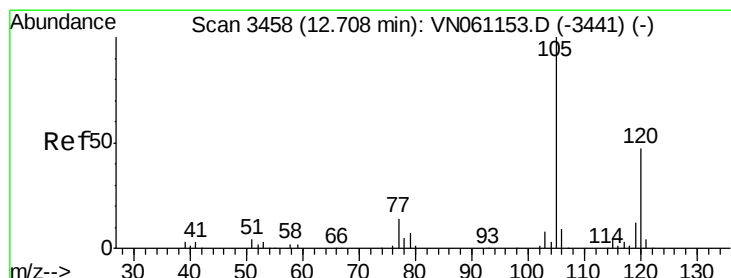
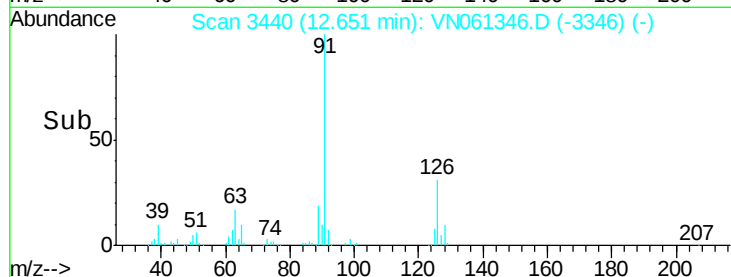
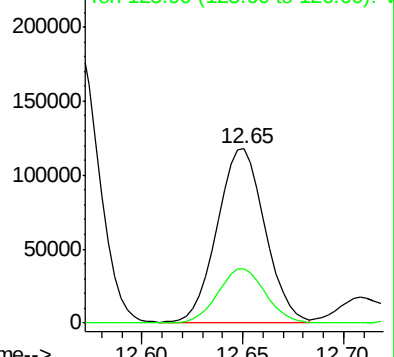
Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.054 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061346.D

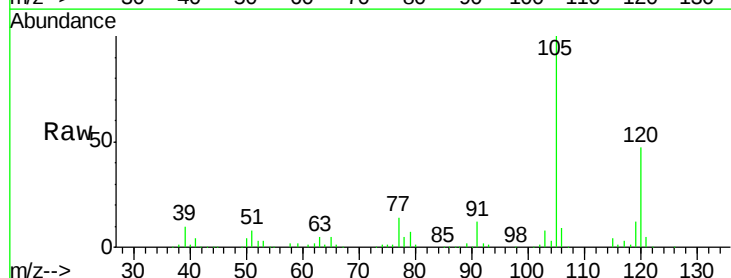
Acq: 7 May 2020 19:58

Tgt Ion: 105 Resp: 232175

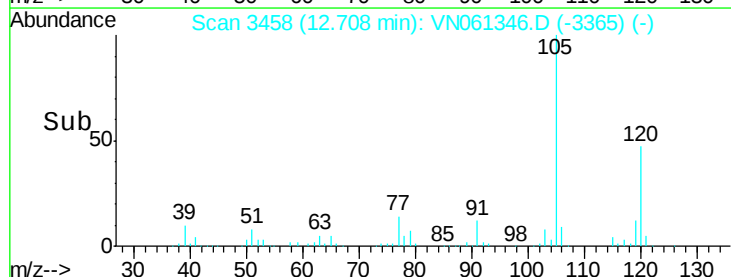
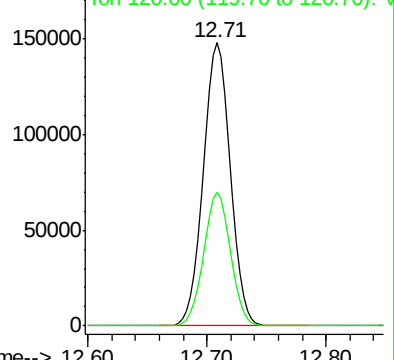
Ion Ratio Lower Upper

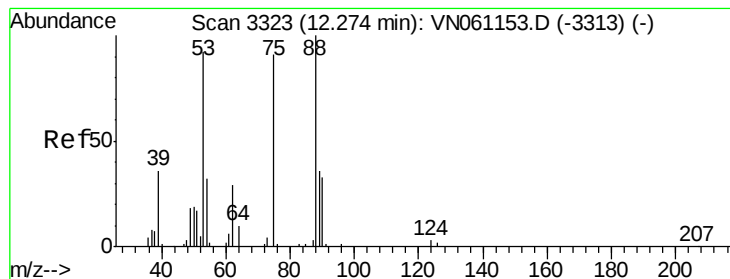
105 100

120 46.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.043 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

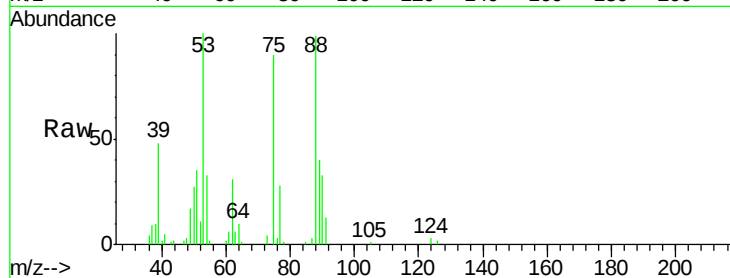
Tot Ion: 75 Resp: 31026

Ion Ratio Lower Upper

75 100

53 109.0 84.1 126.1

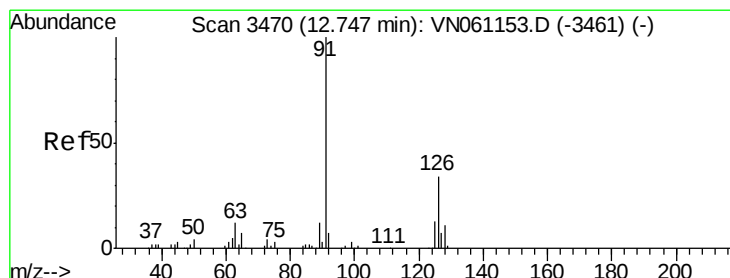
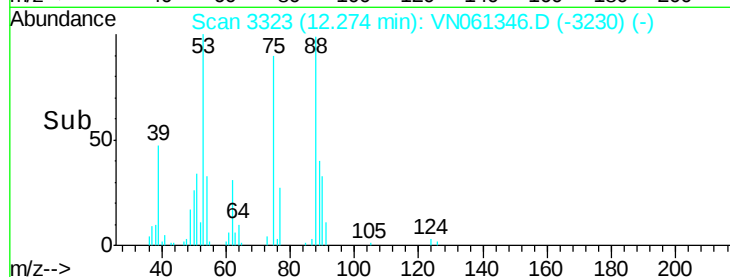
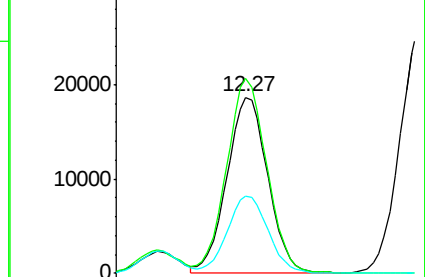
89 44.0 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 49.084 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061346.D

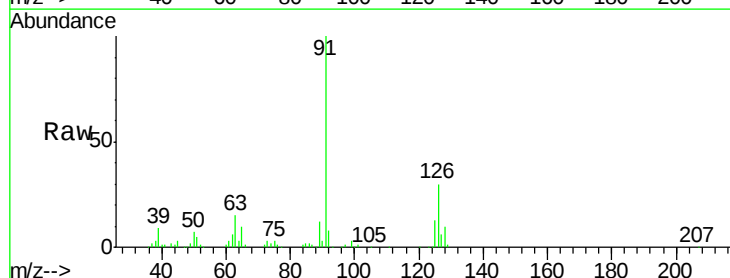
Acq: 7 May 2020 19:58

Tgt Ion: 91 Resp: 206251

Ion Ratio Lower Upper

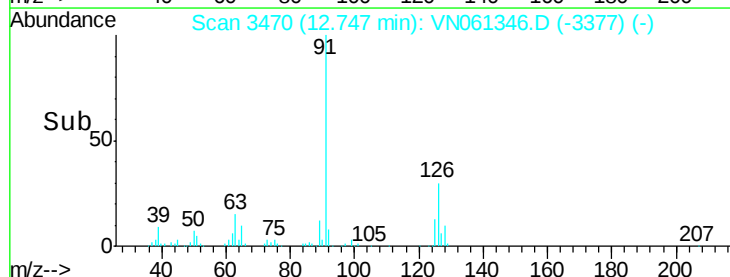
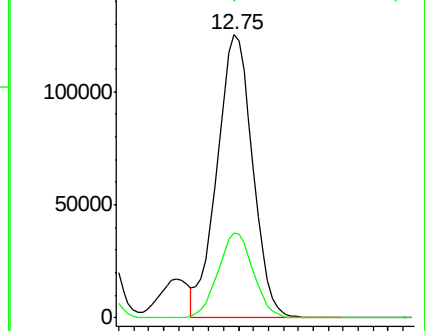
91 100

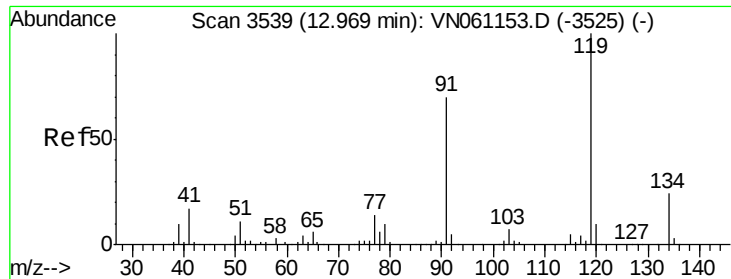
126 30.0 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

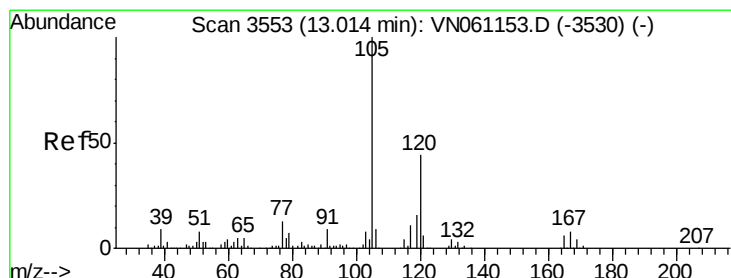
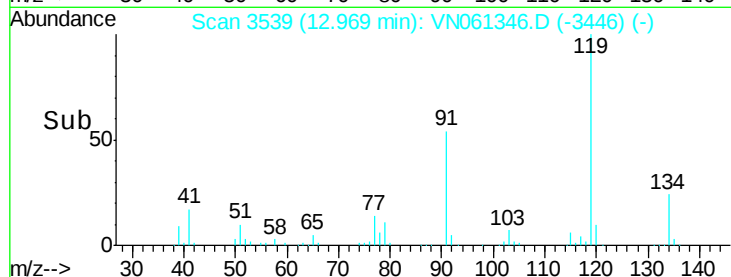
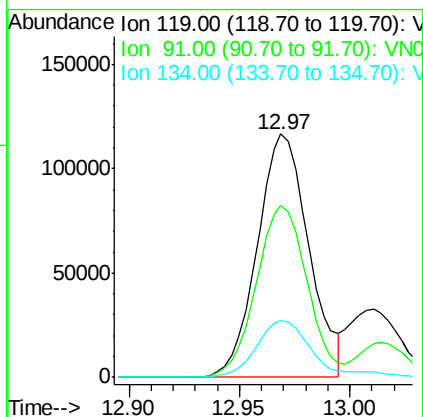
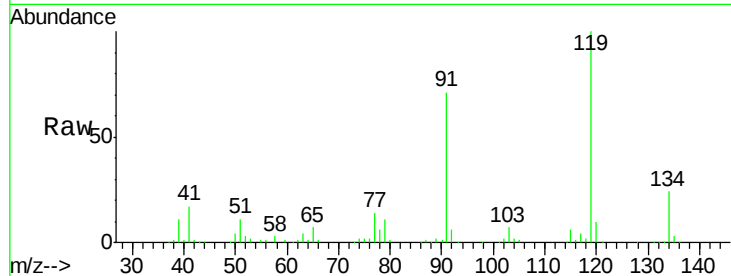




#83
 tert-Butylbenzene
 Concen: 47.157 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

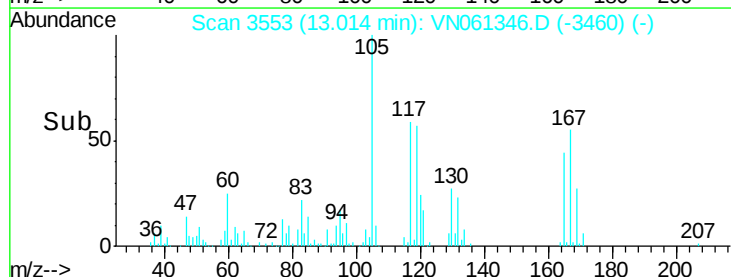
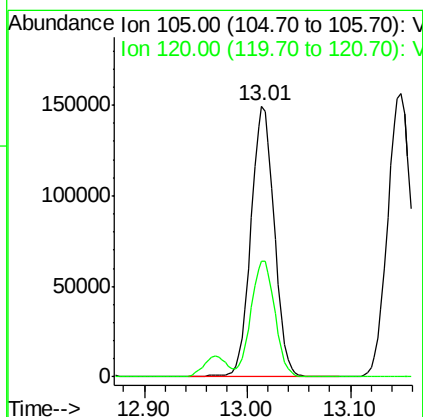
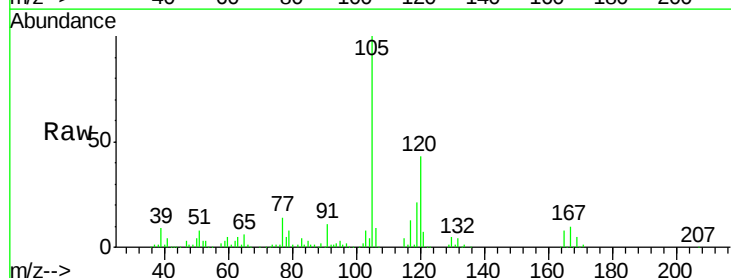
Instrument :
 MSVOA_N
 ClientSampleId :

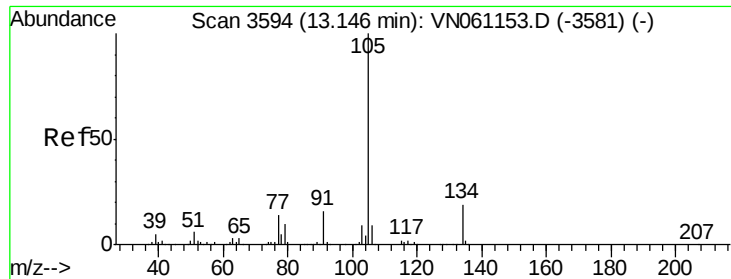
Tot Ion:119 Resp: 188201
 Ion Ratio Lower Upper
 119 100
 91 70.2 34.8 104.4
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.095 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion:105 Resp: 234528
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6

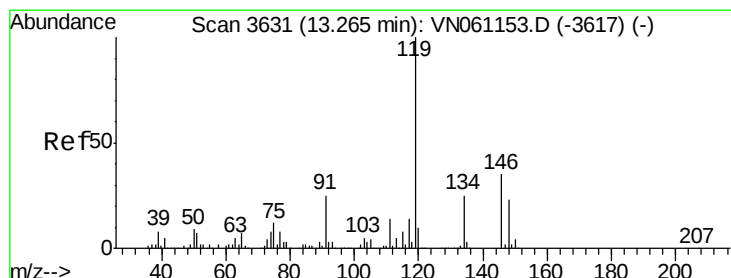
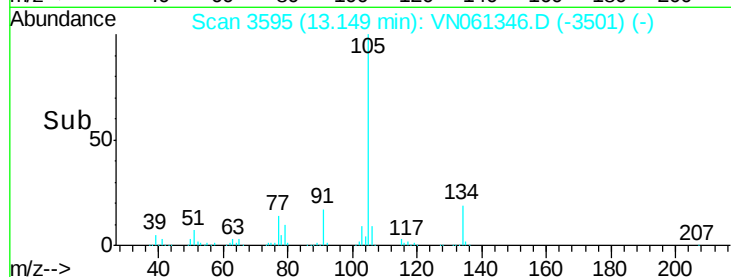
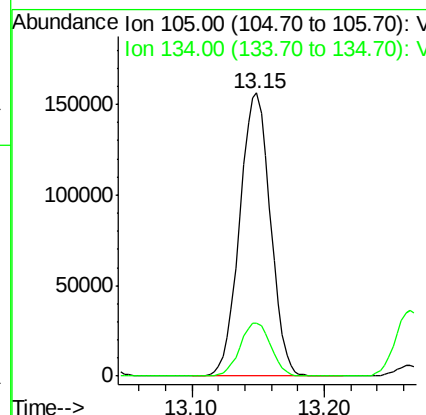
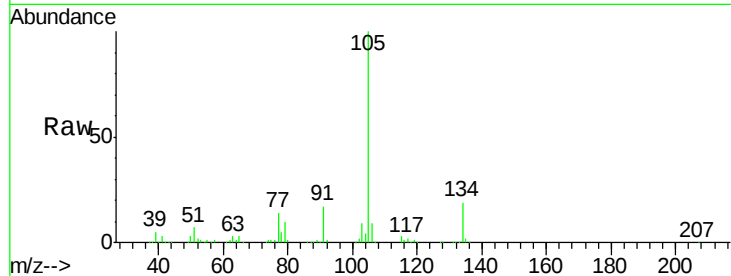




#85
 sec-Butylbenzene
 Concen: 46.240 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

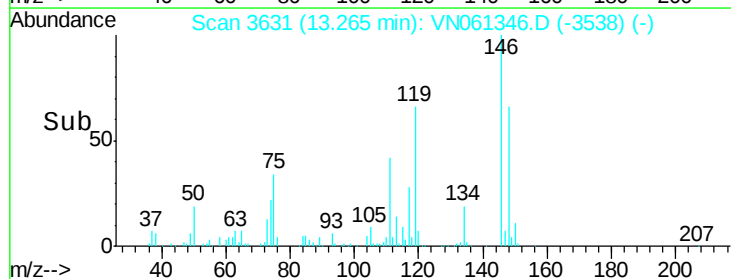
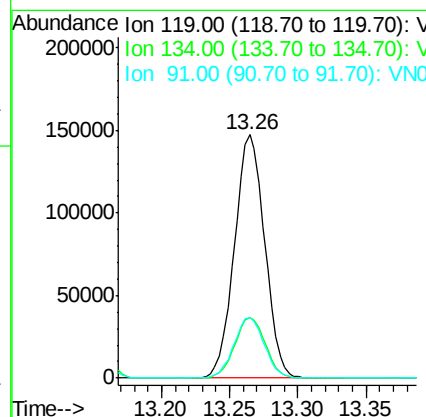
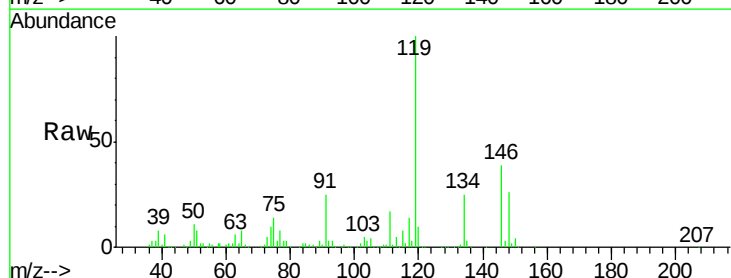
Instrument :
 MSVOA_N
 ClientSampleId :

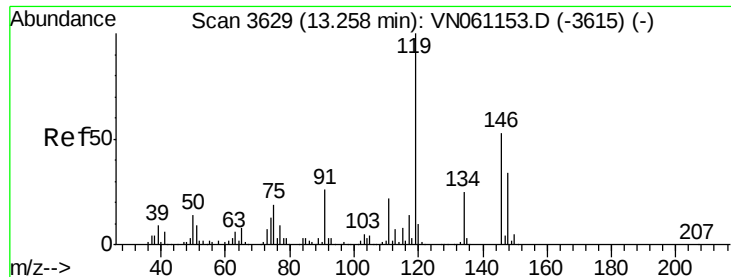
Tot Ion:105 Resp: 251601
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 46.222 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion:119 Resp: 226600
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.6
 91 25.1 12.7 38.0

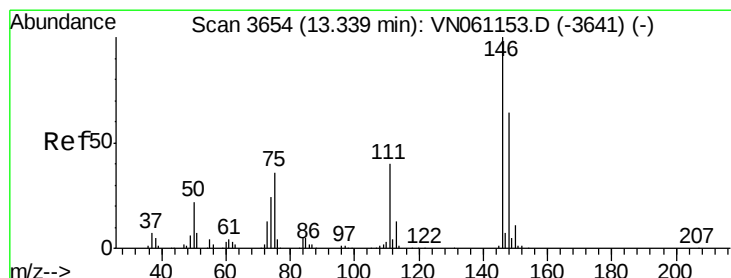
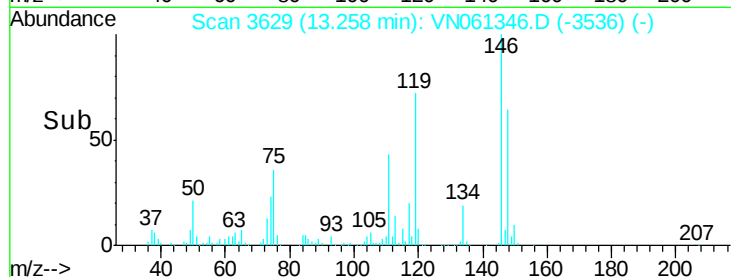
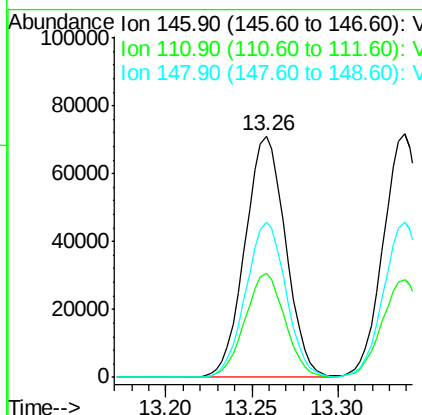
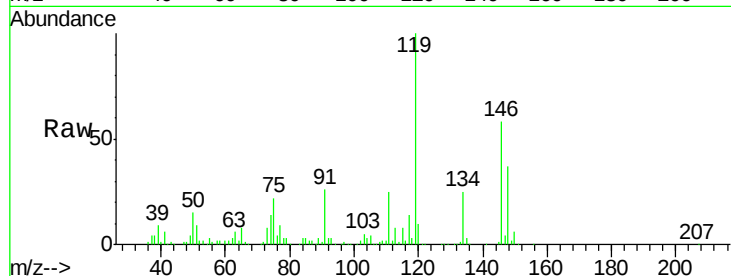




#87
 1,3-Dichlorobenzene
 Concen: 47.987 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

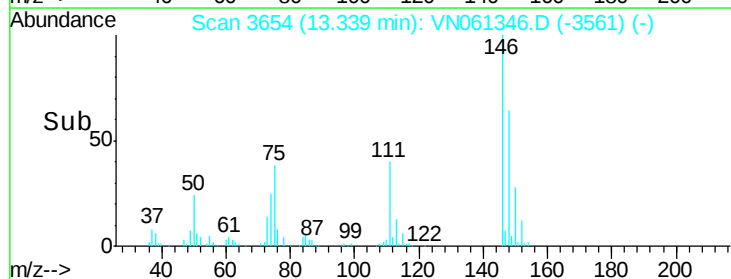
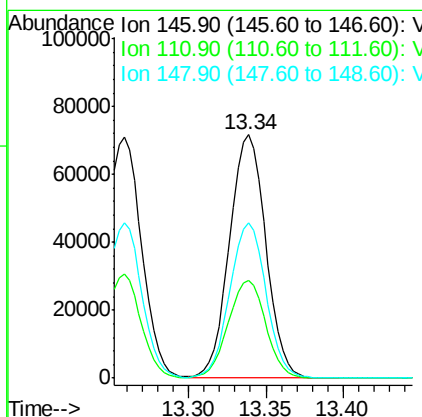
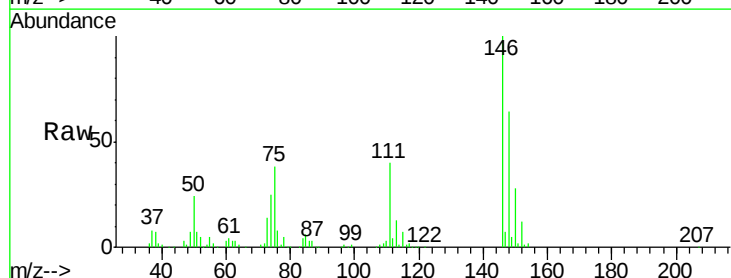
Instrument :
 MSVOA_N
 ClientSampled :

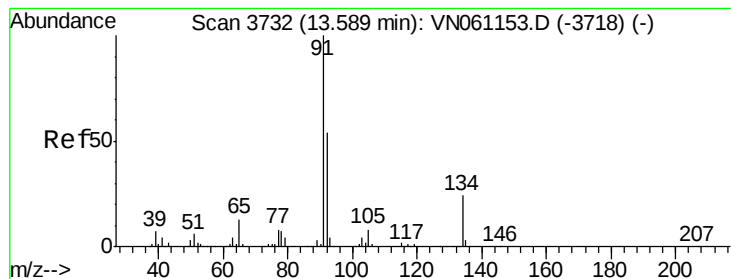
Tot Ion:146 Resp: 116620
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.7 62.1
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.099 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion:146 Resp: 116949
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 45.197 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampled :

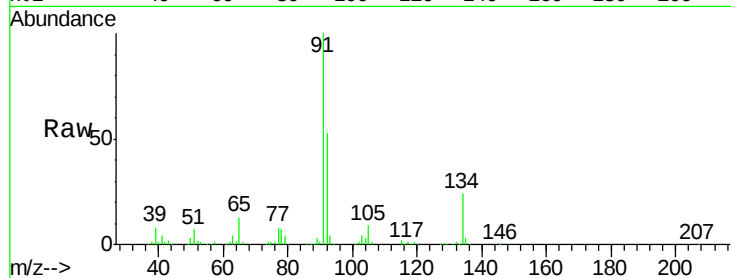
Tot Ion: 91 Resp: 203130

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

134 23.7 11.9 35.5

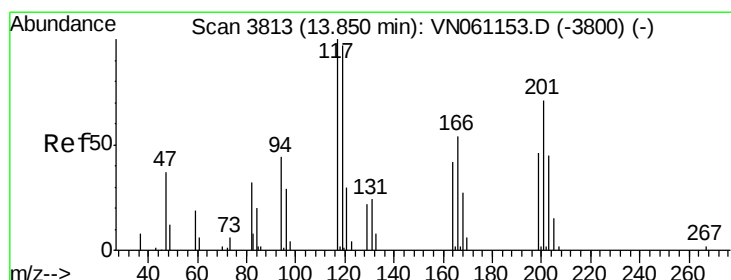
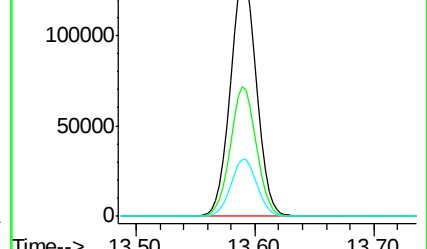
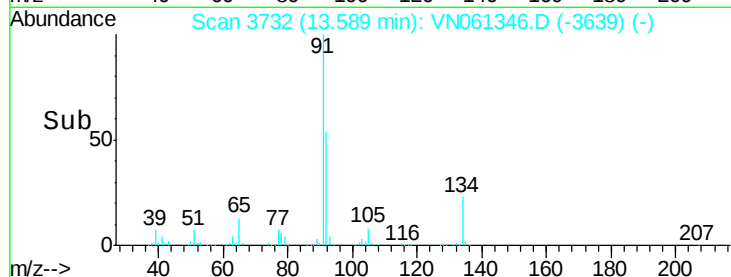


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 64.630 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061346.D

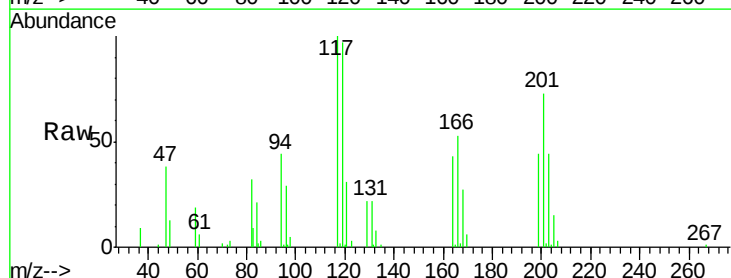
Acq: 7 May 2020 19:58

Tgt Ion: 117 Resp: 34395

Ion Ratio Lower Upper

117 100

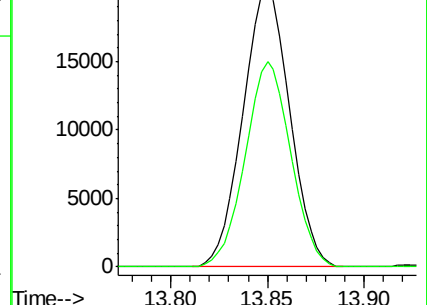
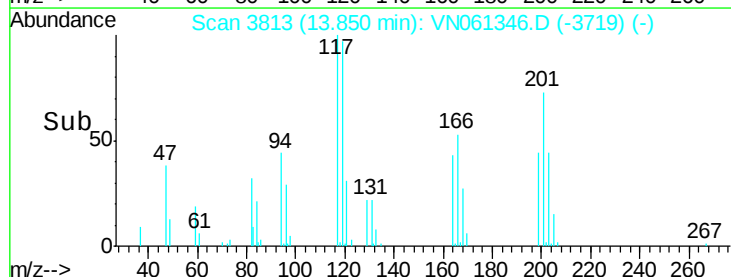
201 71.2 35.5 106.7

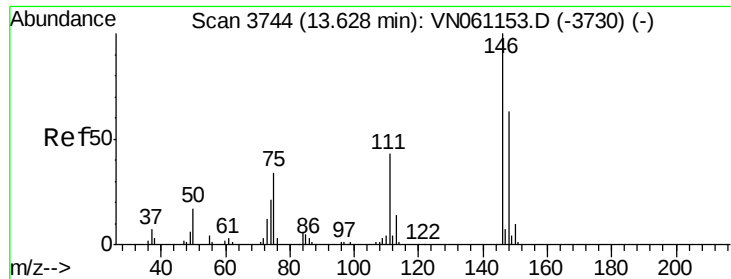


Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)

Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)

Time--> 13.80 13.85 13.90

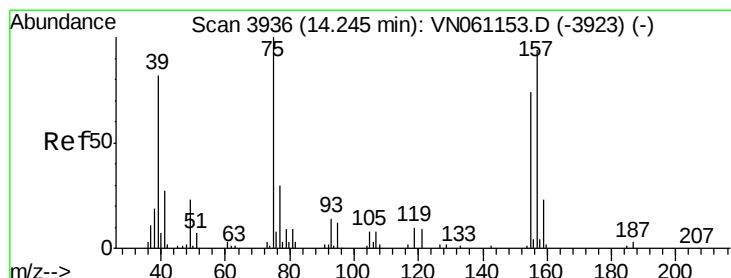
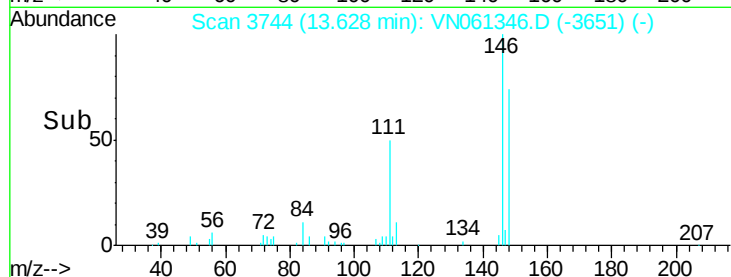
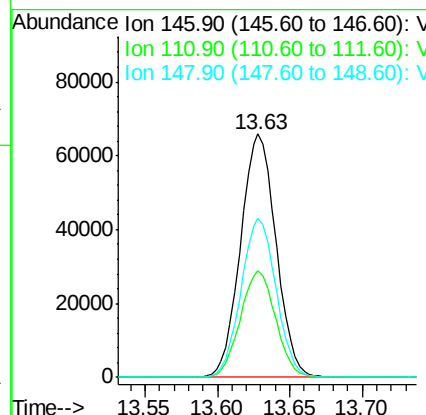
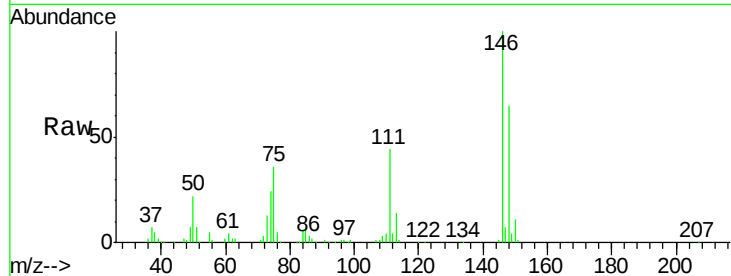




#91
 1,2-Dichlorobenzene
 Concen: 48.104 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

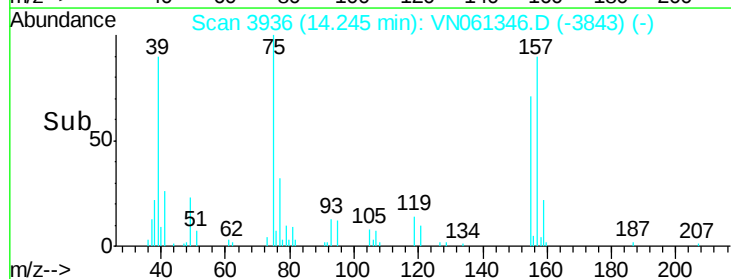
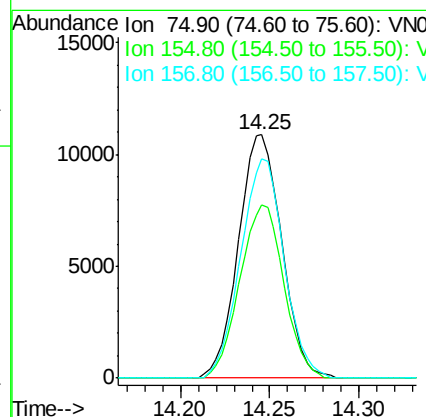
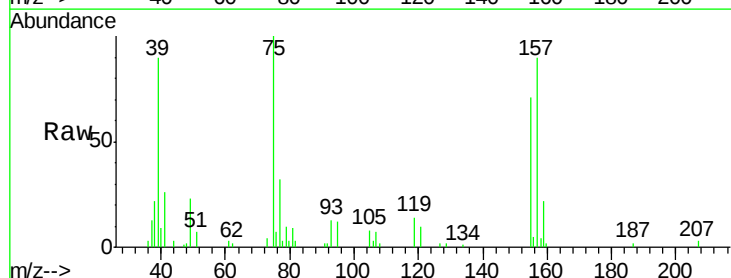
Instrument :
 MSVOA_N
 ClientSampled :

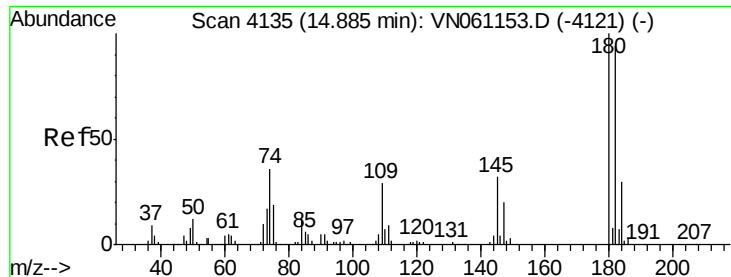
Tot Ion:146 Resp: 112091
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.826 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion: 75 Resp: 18388
 Ion Ratio Lower Upper
 75 100
 155 72.0 36.5 109.7
 157 90.2 46.6 139.7

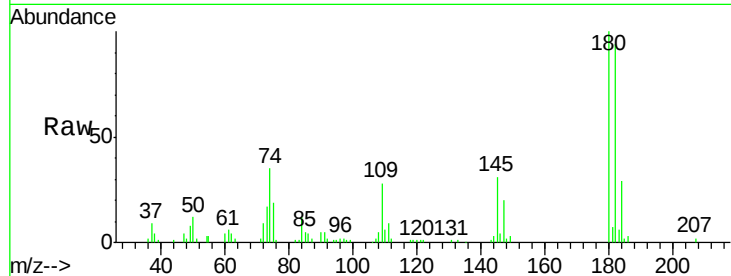




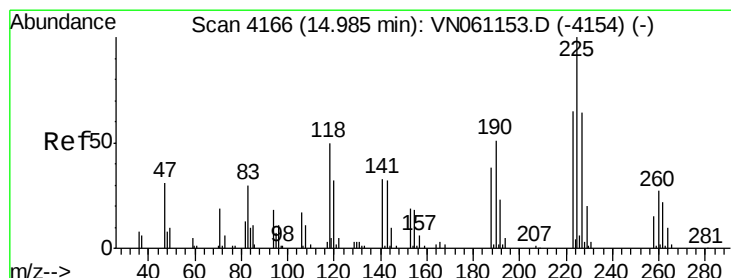
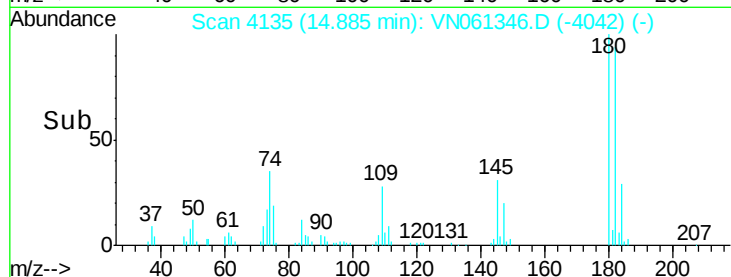
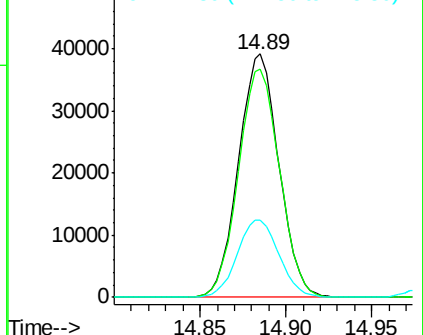
#93
 1,2,4-Trichlorobenzene
 Concen: 45.000 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	32.7	16.0	47.9

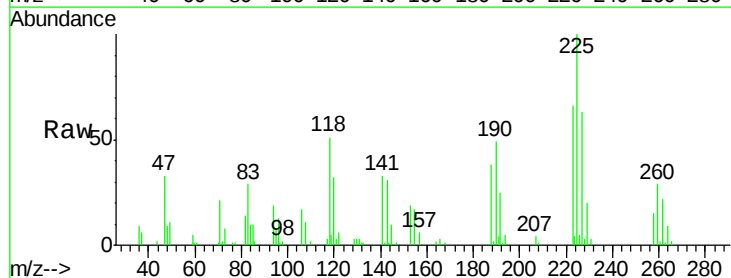


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

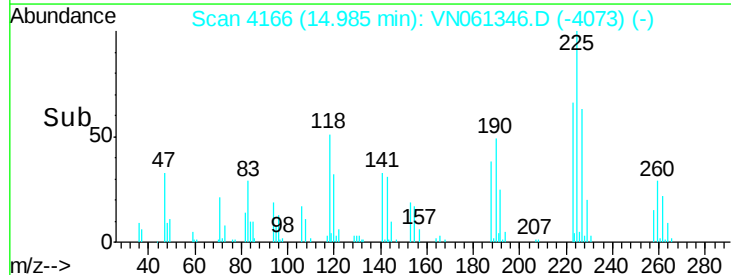
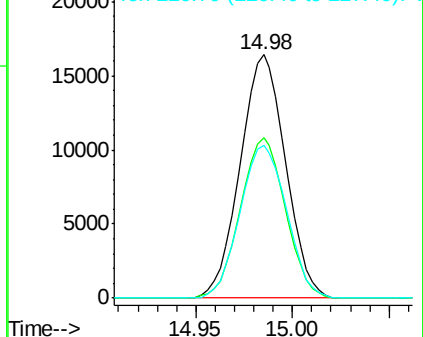


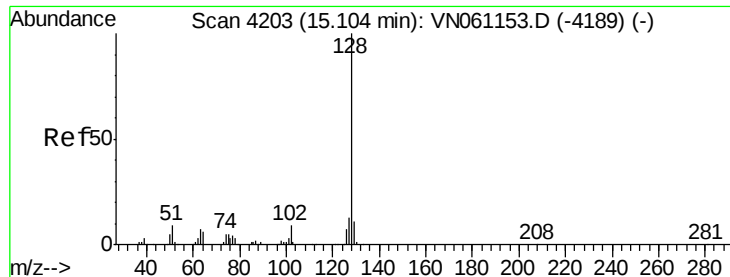
#94
 Hexachlorobutadiene
 Concen: 45.263 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061346.D
 Acq: 7 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.4	97.0
227	64.3	32.4	97.0



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





#95

Naphthalene

Concen: 44.189 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

Instrument :

MSVOA_N

ClientSampleId :

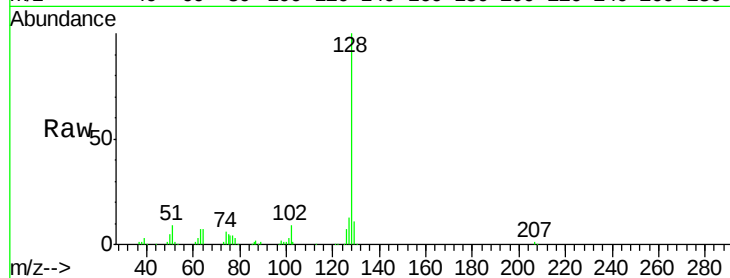
Tot Ion:128 Resp: 204206

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

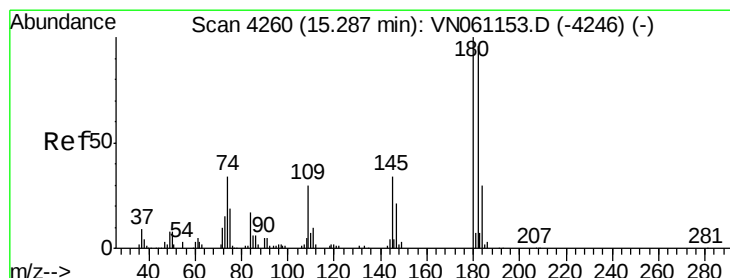
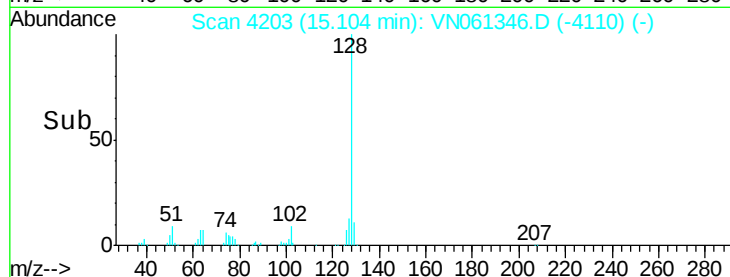
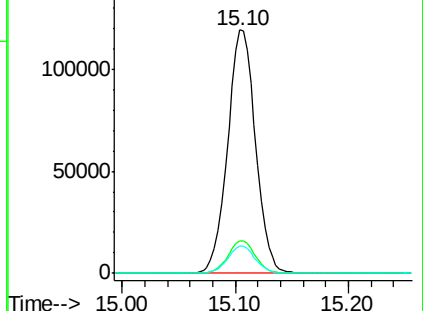
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.687 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061346.D

Acq: 7 May 2020 19:58

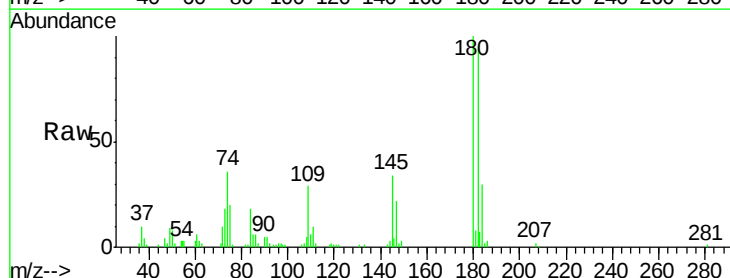
Tgt Ion:180 Resp: 62604

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 34.0 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

