

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061323.D
 Acq On : 7 May 2020 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 01:10:13 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	7.62	168	110162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	184391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	86747	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.54	113	47104	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
50) Toluene-d8	10.06	98	228290	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.37	95	87422	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	57968	49.623	ug/l	98
3) Chloromethane	2.03	50	74250	52.481	ug/l	100
4) Vinyl Chloride	2.16	62	84717	52.719	ug/l	100
5) Bromomethane	2.53	94	35595	44.811	ug/l	100
6) Chloroethane	2.67	64	51103	50.173	ug/l	97
7) Trichlorofluoromethane	2.98	101	106103	58.524	ug/l	97
8) Diethyl Ether	3.37	74	42971	56.824	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	62725	53.704	ug/l	99
10) Methyl Iodide	3.90	142	63099	42.037	ug/l	99
11) Tert butyl alcohol	4.72	59	62016	265.591	ug/l	99
12) 1,1-Dichloroethene	3.69	96	59235	50.964	ug/l	98
13) Acrolein	3.56	56	27342	175.712	ug/l	99
14) Allyl chloride	4.27	41	127957	59.374	ug/l	99
15) Acrylonitrile	4.92	53	192510	268.572	ug/l	99
16) Acetone	3.77	43	182978	271.908	ug/l	100
17) Carbon Disulfide	4.00	76	118769	36.992	ug/l	100
18) Methyl Acetate	4.27	43	104129	47.360	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	233426	52.558	ug/l	99
20) Methylene Chloride	4.50	84	68363	50.296	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	65009	51.365	ug/l	99
22) Diisopropyl ether	5.89	45	269518	53.930	ug/l	99
23) Vinyl Acetate	5.83	43	1076564	267.542	ug/l	99
24) 1,1-Dichloroethane	5.79	63	135907	52.049	ug/l	100
25) 2-Butanone	6.78	43	282615	273.998	ug/l	100
26) 2,2-Dichloropropane	6.77	77	123632	56.214	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	76531	51.528	ug/l	98
28) Bromochloromethane	7.15	49	65332	52.789	ug/l	96
29) Tetrahydrofuran	7.16	42	180094	259.200	ug/l	99
30) Chloroform	7.32	83	135434	51.183	ug/l	99
31) Cyclohexane	7.61	56	115678	45.618	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	117270	50.894	ug/l	100
36) 1,1-Dichloropropene	7.75	75	99395	53.848	ug/l	99
37) Ethyl Acetate	6.87	43	113789	52.584	ug/l	99
38) Carbon Tetrachloride	7.73	117	90819	53.747	ug/l	98

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 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)
39) Methylcyclohexane	9.04	83	100133	48.372	ug/l	100
40) Benzene	8.00	78	287047	52.198	ug/l	99
41) Methacrylonitrile	7.12	41	53540	59.591	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	113049	54.264	ug/l	100
43) Isopropyl Acetate	8.12	43	194733	54.223	ug/l	100
44) Trichloroethene	8.80	130	72329	48.654	ug/l	99
45) 1,2-Dichloropropane	9.08	63	80601	54.862	ug/l	99
46) Dibromomethane	9.17	93	49568	54.491	ug/l	99
47) Bromodichloromethane	9.37	83	109534	56.099	ug/l	100
48) Methyl methacrylate	9.16	41	90281	55.709	ug/l	97
49) 1,4-Dioxane	9.16	88	19535	1061.939	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	590254	279.225	ug/l	100
52) Toluene	10.12	92	179473	54.183	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	123392	56.086	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	129778	55.797	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	70480	53.346	ug/l	99
56) Ethyl methacrylate	10.40	69	115902	50.323	ug/l	99
57) 1,3-Dichloropropane	10.68	76	127241	54.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	214007	200.112	ug/l	100
59) 2-Hexanone	10.72	43	448343	291.529	ug/l	99
60) Dibromochloromethane	10.87	129	77311	55.871	ug/l	98
61) 1,2-Dibromoethane	10.98	107	71720	54.160	ug/l	100
64) Tetrachloroethene	10.60	164	70820	47.342	ug/l	96
65) Chlorobenzene	11.40	112	183889	53.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	70227	57.270	ug/l	98
67) Ethyl Benzene	11.48	91	350338	54.624	ug/l	100
68) m/p-Xylenes	11.59	106	257061	109.500	ug/l	98
69) o-Xylene	11.92	106	121971	54.089	ug/l	98
70) Styrene	11.94	104	211751	56.105	ug/l	99
71) Bromoform	12.10	173	51898	57.586	ug/l #	100
73) Isopropylbenzene	12.22	105	332759	54.439	ug/l	100
74) N-amyl acetate	12.04	43	171547	55.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	103479	54.292	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	146963	83.837	ug/l #	100
77) Bromobenzene	12.50	156	76006	53.865	ug/l	97
78) n-propylbenzene	12.56	91	399941	55.163	ug/l	100
79) 2-Chlorotoluene	12.65	91	234557	55.042	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	280472	55.439	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	39228	56.829	ug/l	98
82) 4-Chlorotoluene	12.75	91	250433	55.758	ug/l	98
83) tert-Butylbenzene	12.97	119	228450	53.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	282339	54.168	ug/l	100
85) sec-Butylbenzene	13.15	105	307125	52.807	ug/l	100
86) p-Isopropyltoluene	13.26	119	283827	54.164	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	141314	54.401	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	142321	53.623	ug/l	100
89) n-Butylbenzene	13.59	91	259228	53.963	ug/l	100
90) Hexachloroethane	13.85	117	37079	65.118	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	136351	54.744	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21285	52.877	ug/l	99

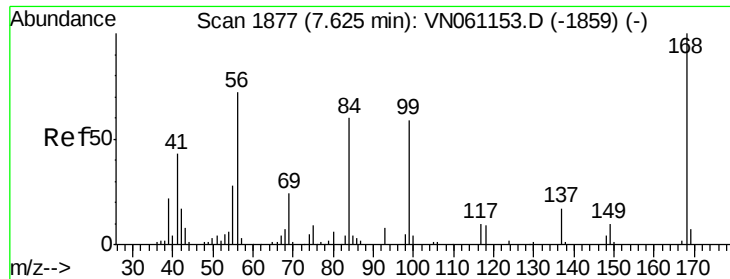
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	80280	52.931	ug/l	100
94) Hexachlorobutadiene	14.98	225	35458	55.960	ug/l	97
95) Naphthalene	15.10	128	252988	51.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	77432	51.709	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

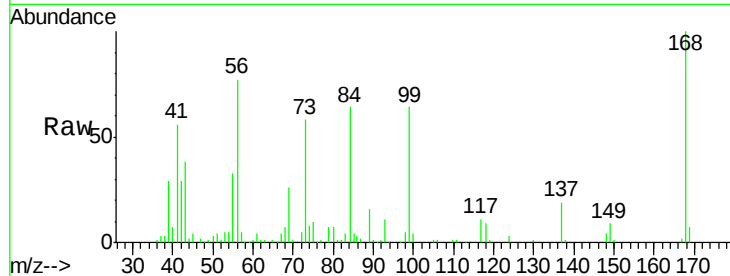
ClientSampleId :

Tot Ion:168 Resp: 110162

Ion Ratio Lower Upper

168 100

99 63.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

50000

40000

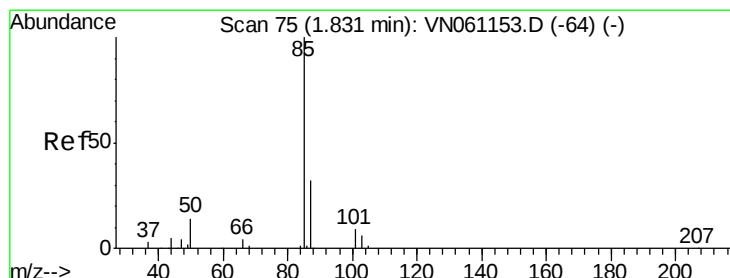
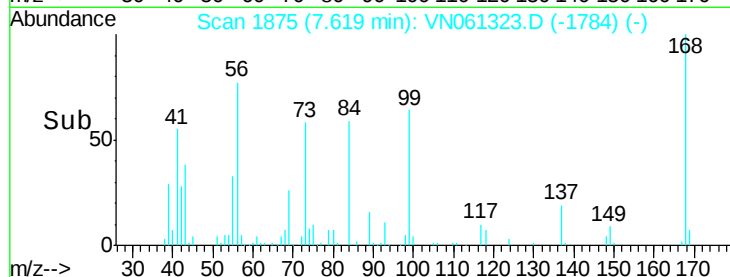
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 49.623 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061323.D

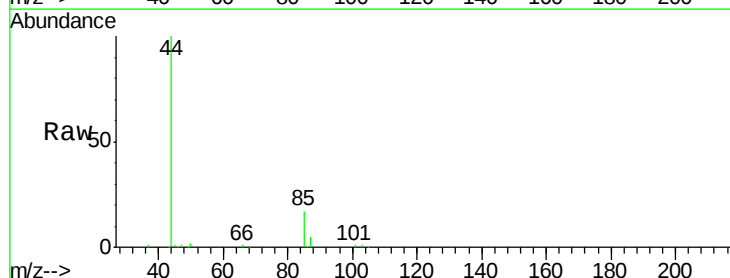
Acq: 7 May 2020 10:35

Tgt Ion: 85 Resp: 57968

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

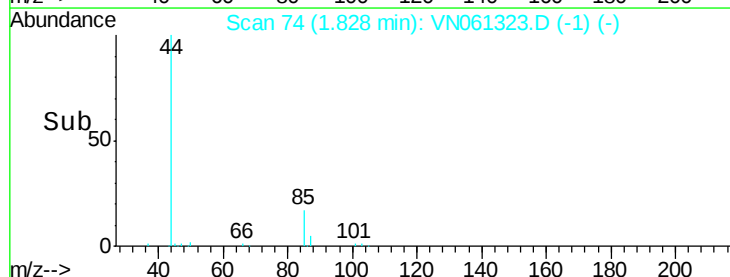
30000

20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 52.481 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

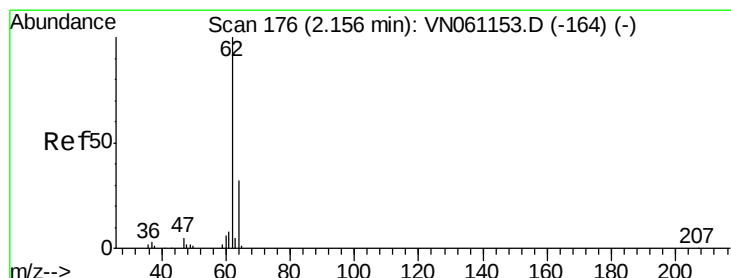
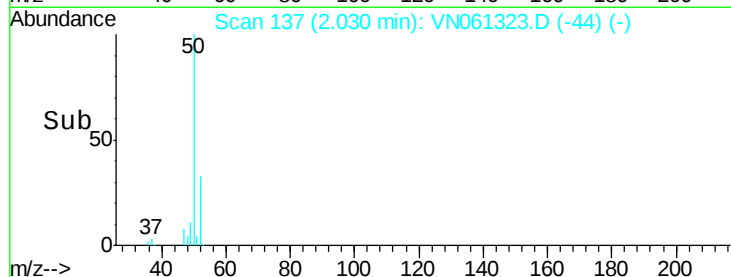
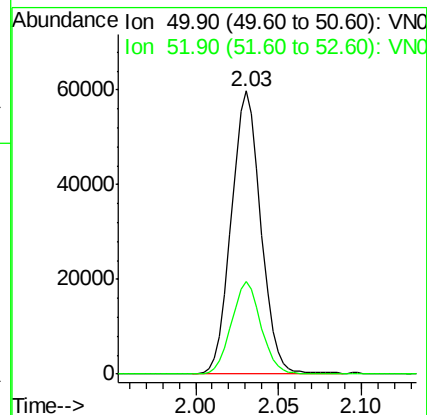
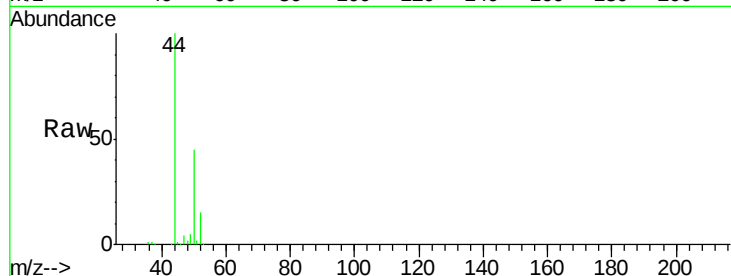
ClientSampleId :

Tot Ion: 50 Resp: 74250

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 52.719 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061323.D

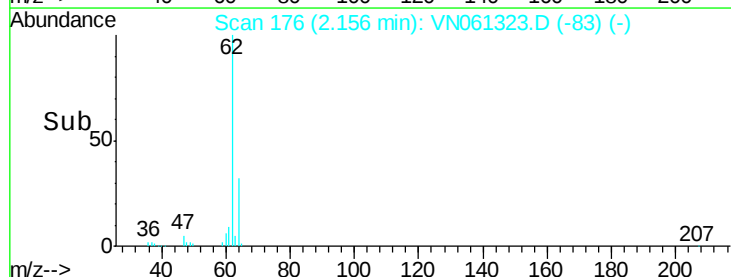
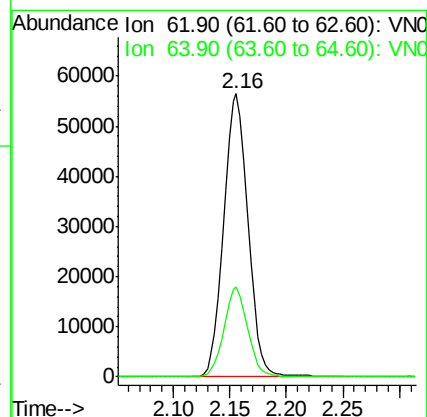
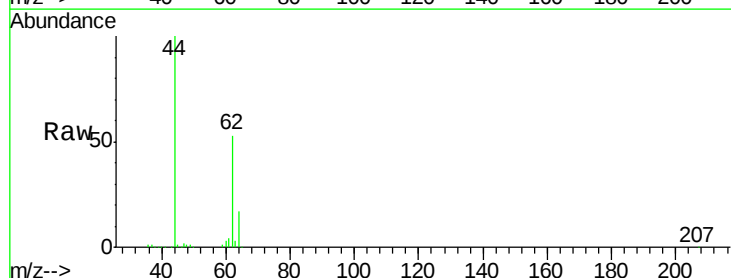
Acq: 7 May 2020 10:35

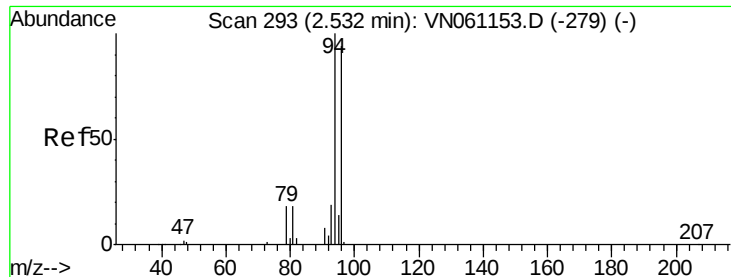
Tgt Ion: 62 Resp: 84717

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 44.811 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

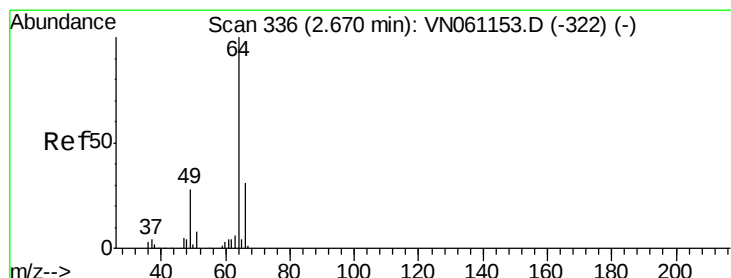
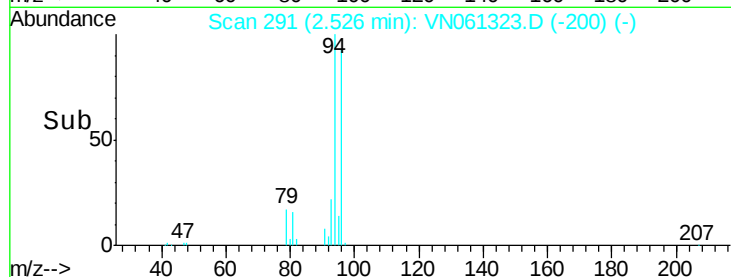
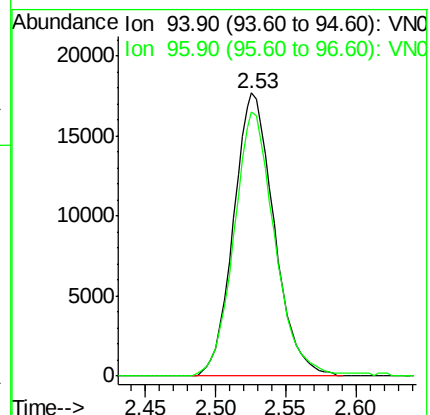
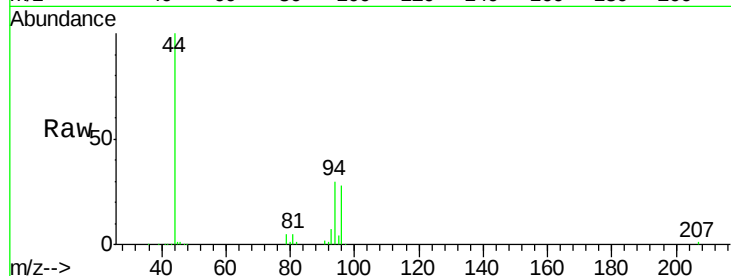
ClientSampleId :

Tot Ion: 94 Resp: 35595

Ion Ratio Lower Upper

94 100

96 93.5 75.1 112.7



#6

Chloroethane

Concen: 50.173 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061323.D

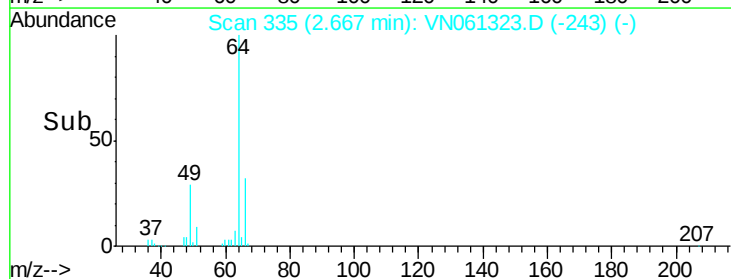
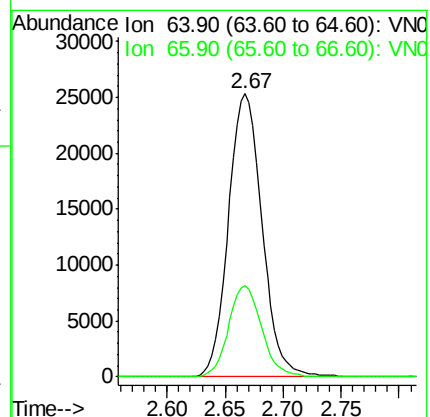
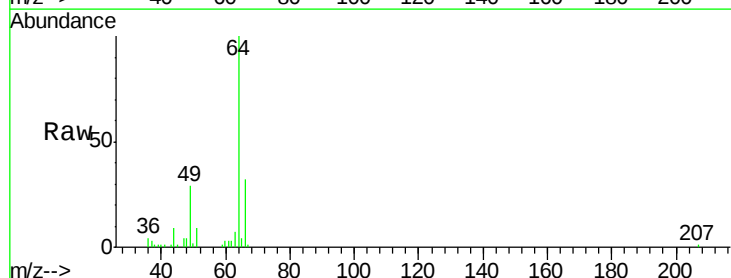
Acq: 7 May 2020 10:35

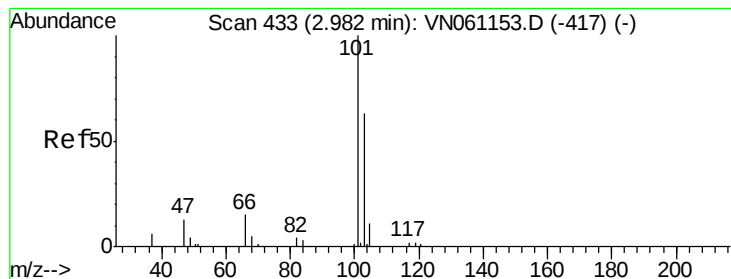
Tgt Ion: 64 Resp: 51103

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



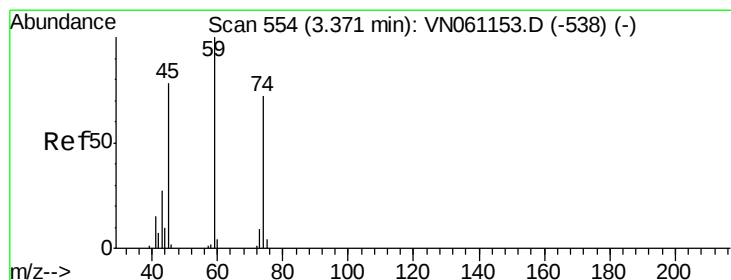
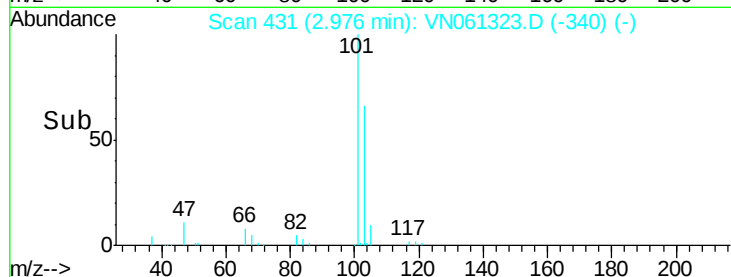
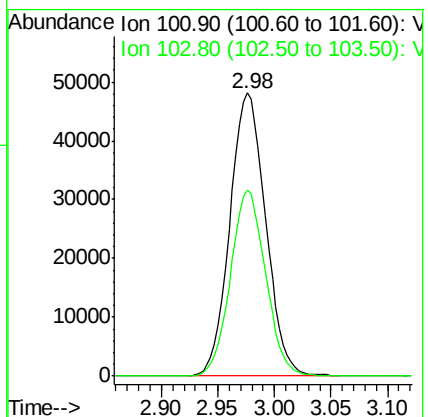
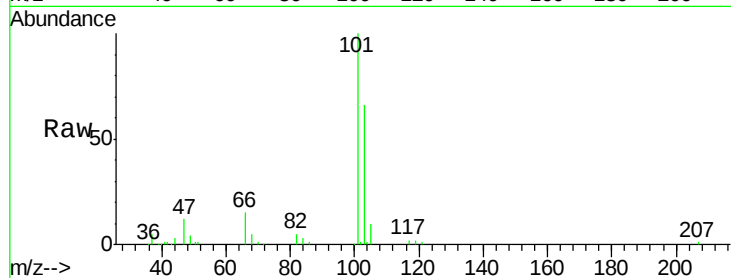


#7

Trichlorofluoromethane
Concen: 58.524 ug/l
RT: 2.98 min Scan# 431
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Instrument :
MSVOA_N
ClientSampled :

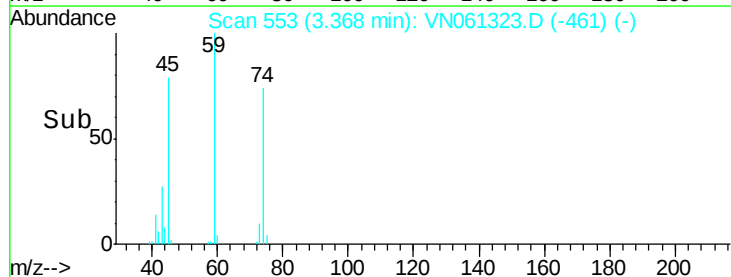
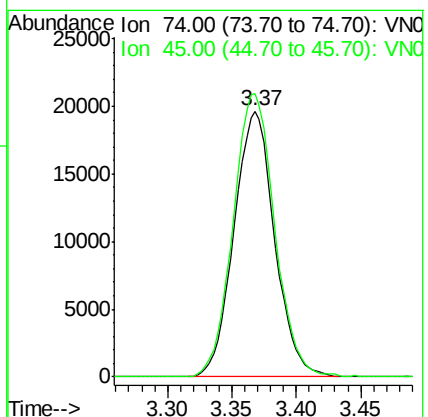
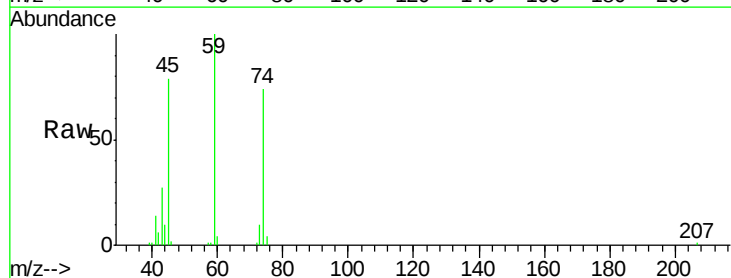
Tot Ion:101 Resp: 106103
Ion Ratio Lower Upper
101 100
103 66.0 50.6 76.0

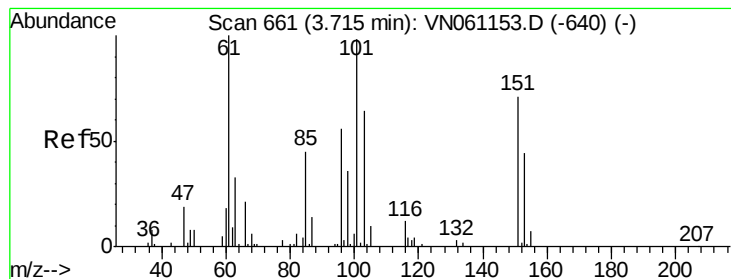


#8

Diethyl Ether
Concen: 56.824 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 74 Resp: 42971
Ion Ratio Lower Upper
74 100
45 109.2 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.704 ug/l

RT: 3.71 min Scan# 659

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampled :

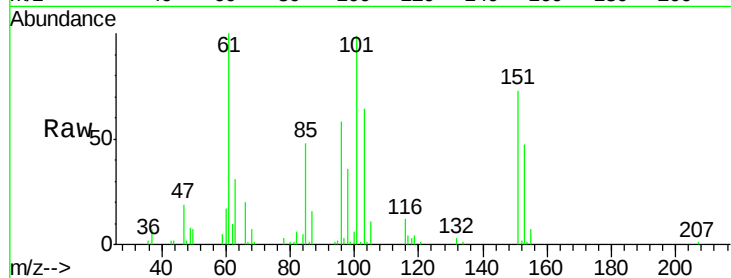
Tot Ion:101 Resp: 62725

Ion Ratio Lower Upper

101 100

85 46.0 37.2 55.8

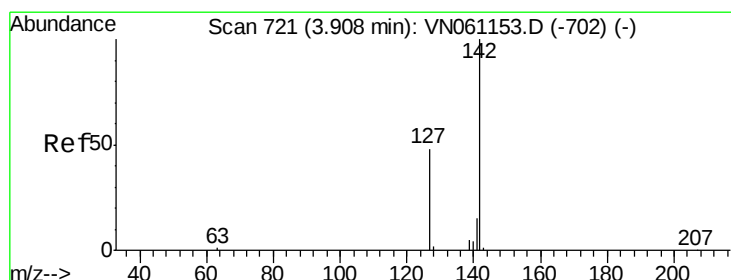
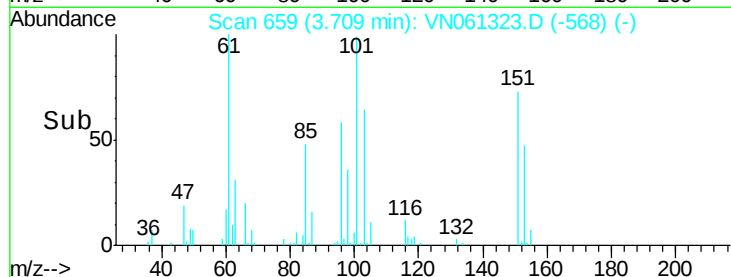
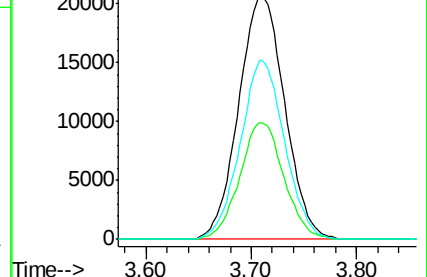
151 70.9 57.7 86.5



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: 42.037 ug/l

RT: 3.90 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

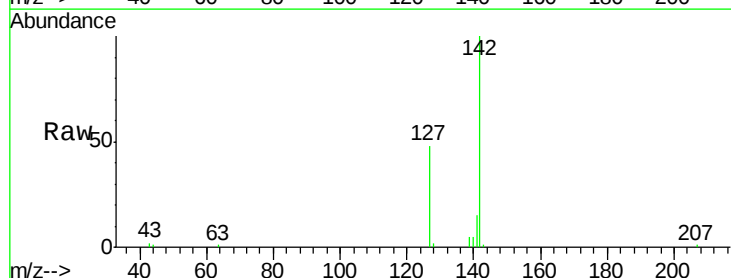
Tgt Ion:142 Resp: 63099

Ion Ratio Lower Upper

142 100

127 48.7 38.0 57.0

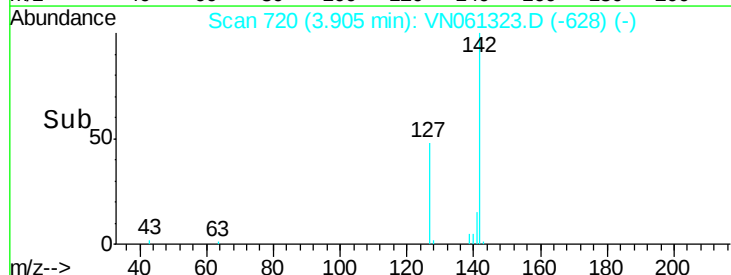
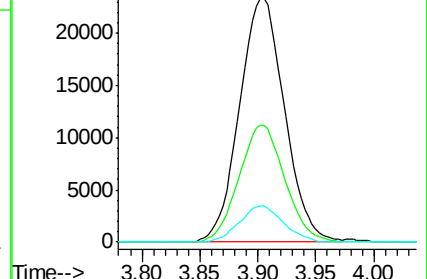
141 14.5 11.7 17.5

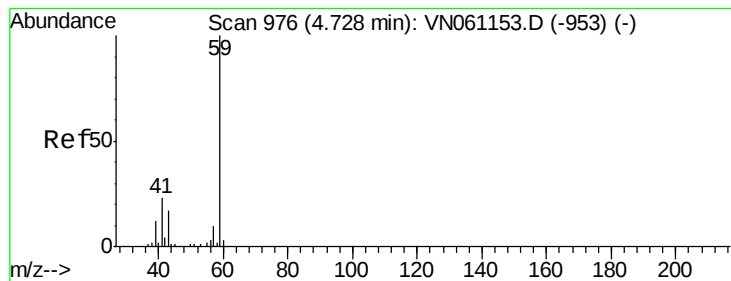


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



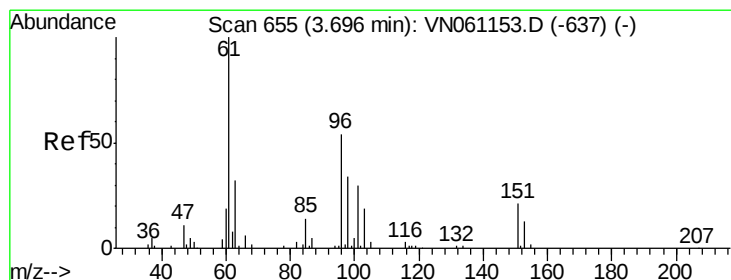
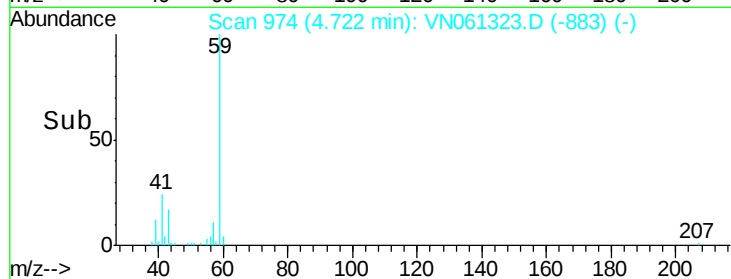
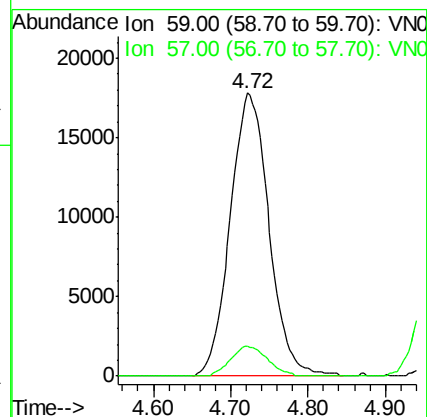
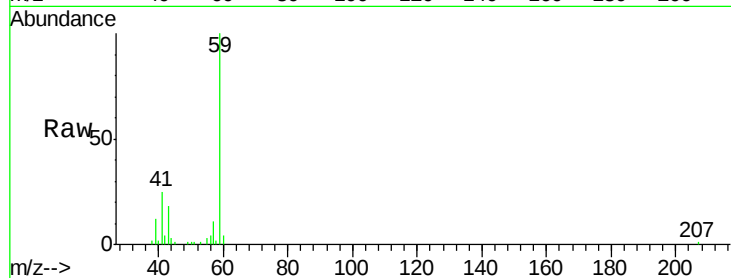


#11

Tert butyl alcohol
 Concen: 265.591 ug/l
 RT: 4.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Instrument :
 MSVOA_N
 ClientSampleId :

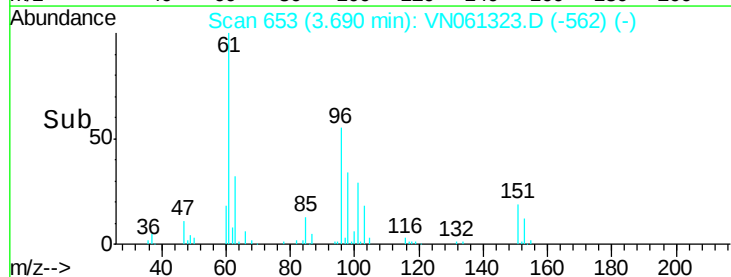
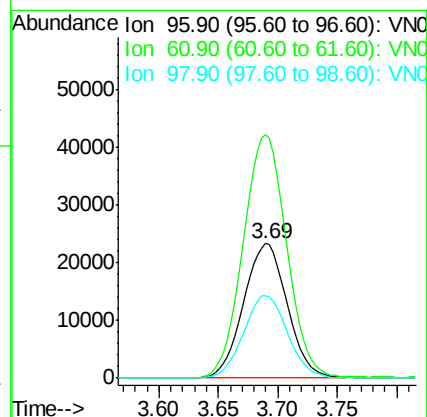
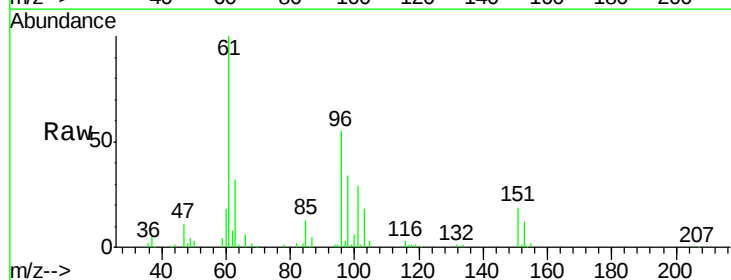
Tot Ion: 59 Resp: 62016
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

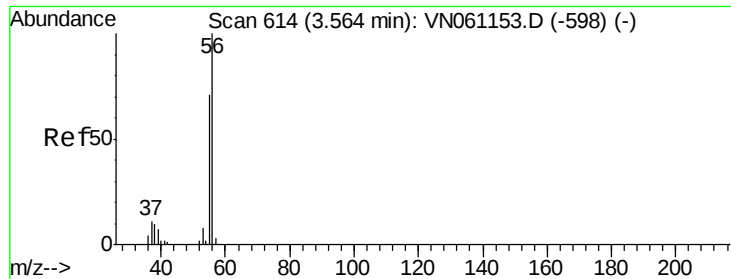


#12

1,1-Dichloroethene
 Concen: 50.964 ug/l
 RT: 3.69 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion: 96 Resp: 59235
 Ion Ratio Lower Upper
 96 100
 61 181.0 147.0 220.6
 98 61.4 49.8 74.6

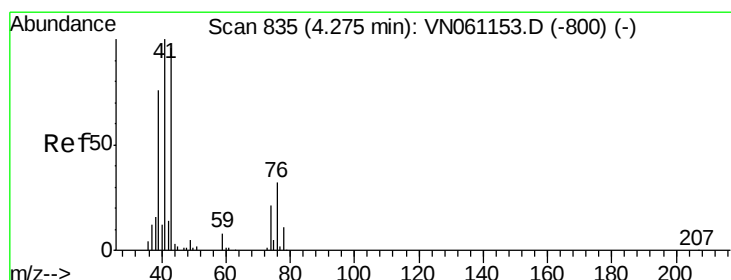
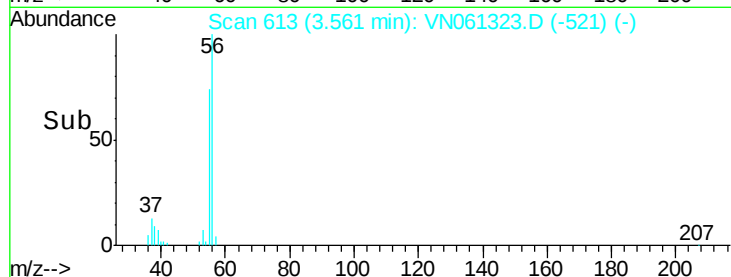
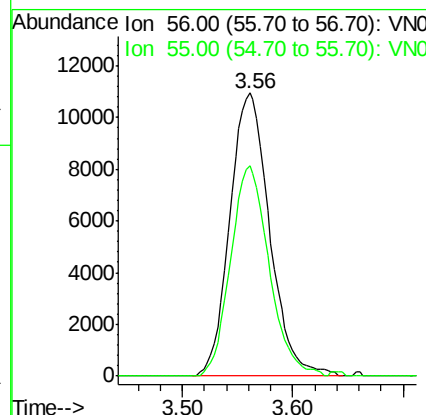
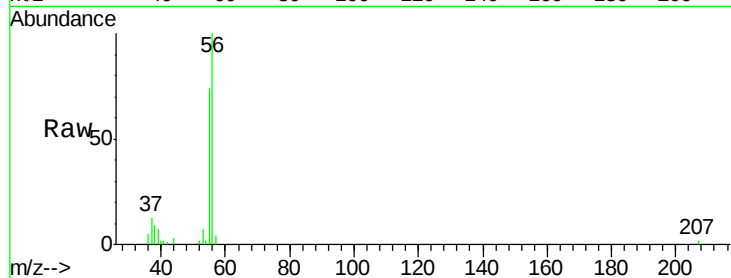




#13
Acrolein
Concen: 175.712 ug/l
RT: 3.56 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

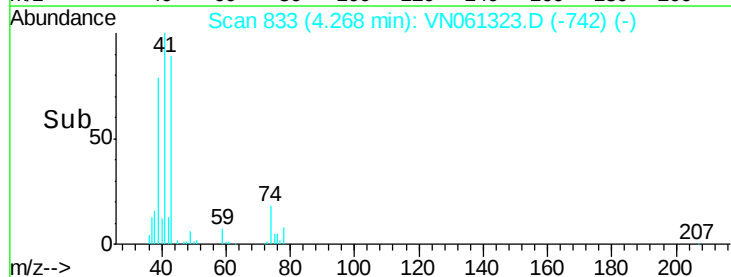
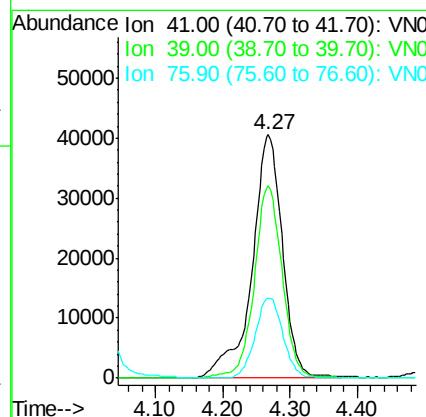
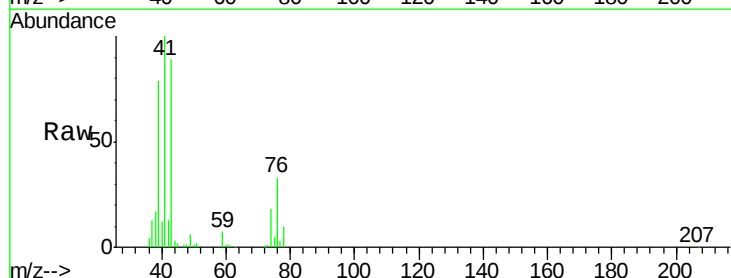
Instrument :
MSVOA_N
ClientSampled :

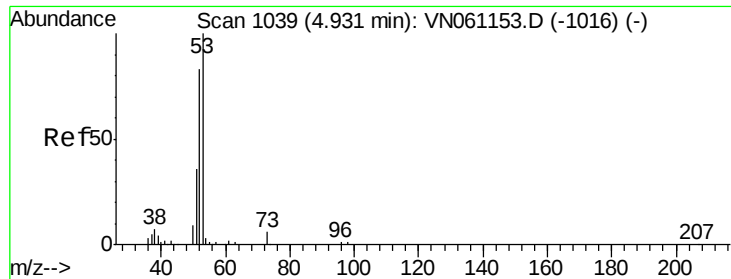
Tot Ion: 56 Resp: 27342
Ion Ratio Lower Upper
56 100
55 72.0 58.5 87.7



#14
Allyl chloride
Concen: 59.374 ug/l
RT: 4.27 min Scan# 833
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 41 Resp: 127957
Ion Ratio Lower Upper
41 100
39 72.2 57.1 85.7
76 29.8 24.3 36.5





#15

Acrylonitrile

Concen: 268.572 ug/l

RT: 4.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

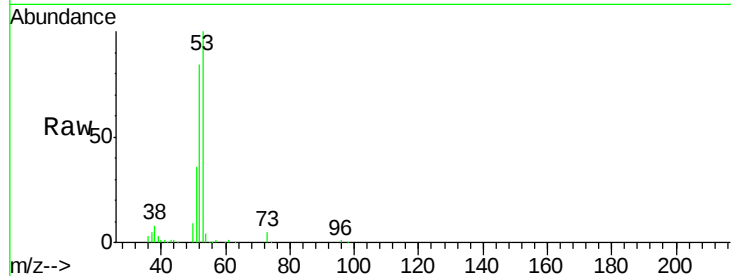
Tot Ion: 53 Resp: 192510

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.0

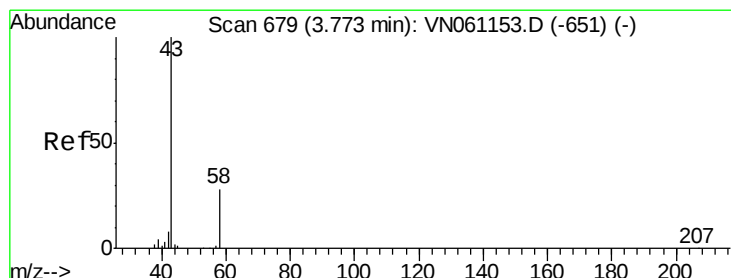
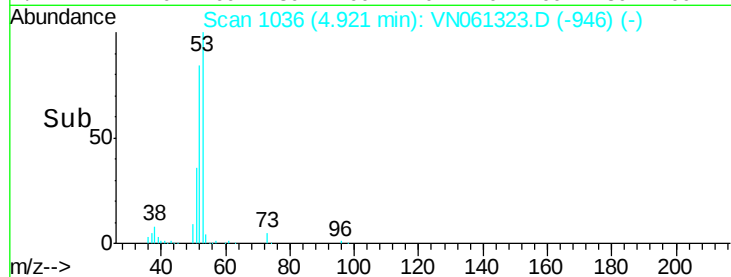
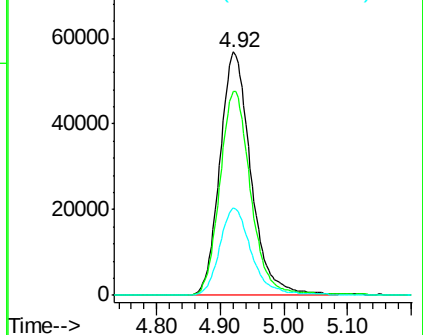
51 36.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)



#16

Acetone

Concen: 271.908 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN061323.D

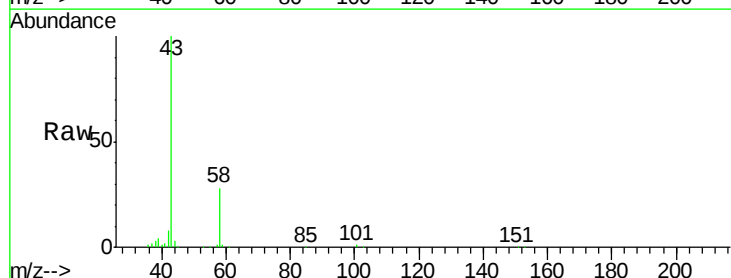
Acq: 7 May 2020 10:35

Tgt Ion: 43 Resp: 182978

Ion Ratio Lower Upper

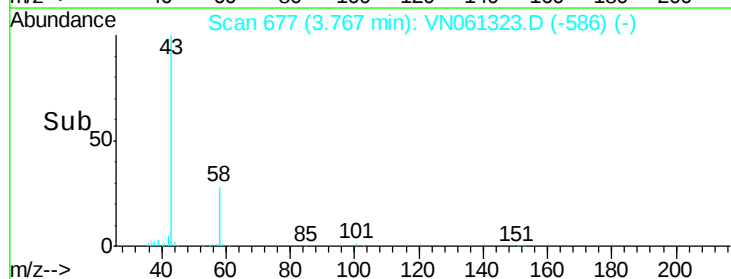
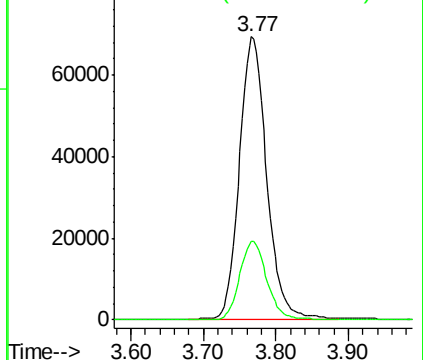
43 100

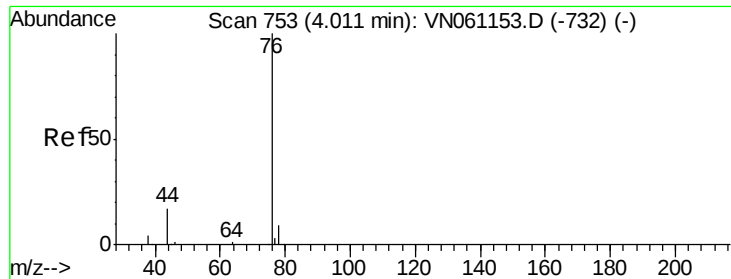
58 27.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)





#17

Carbon Disulfide

Concen: 36.992 ug/l

RT: 4.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

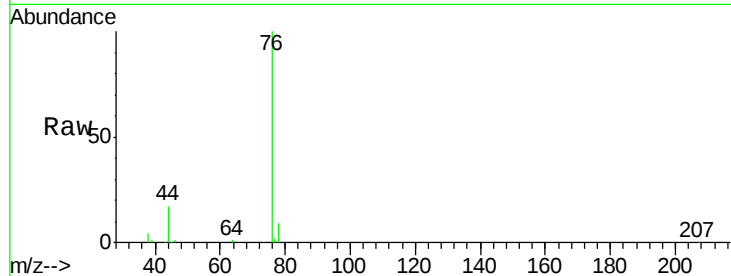
ClientSampleId :

Tot Ion: 76 Resp: 118769

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

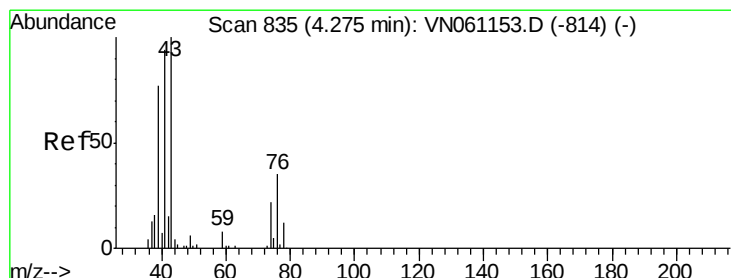
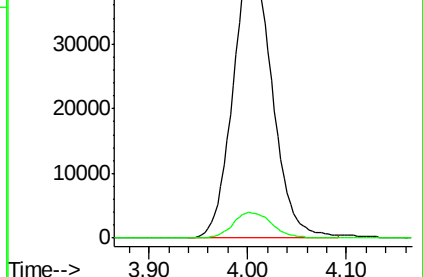
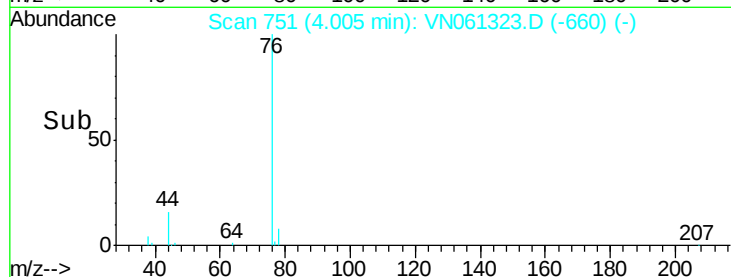


Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.00

Time-->



#18

Methyl Acetate

Concen: 47.360 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061323.D

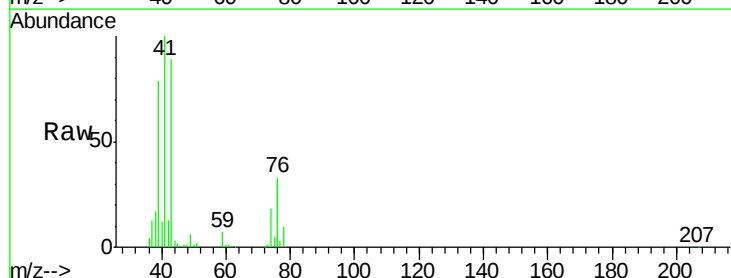
Acq: 7 May 2020 10:35

Tgt Ion: 43 Resp: 104129

Ion Ratio Lower Upper

43 100

74 20.2 17.0 25.4

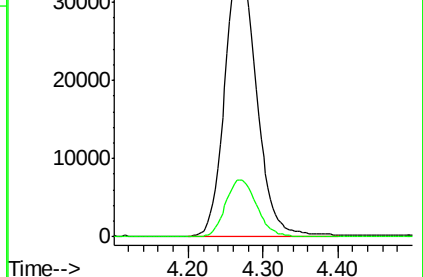
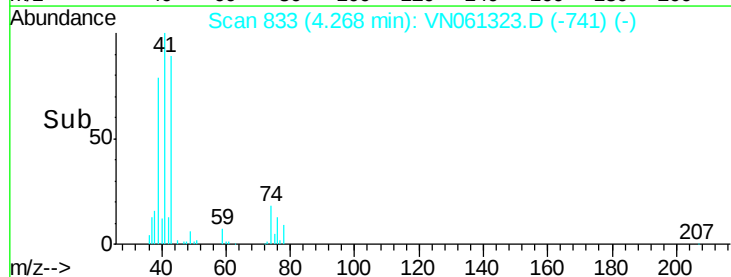


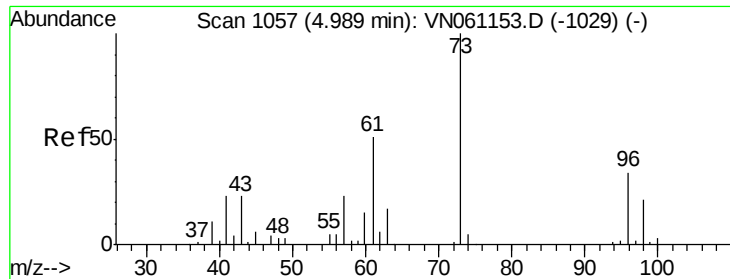
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

4.27

Time-->

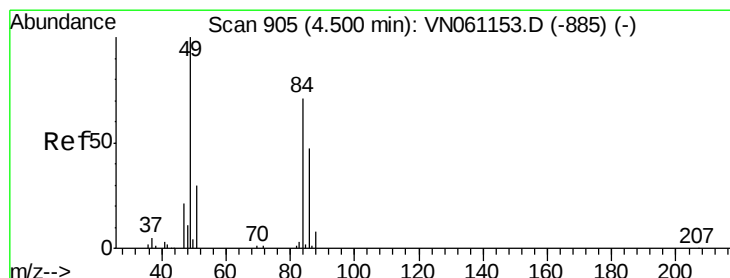
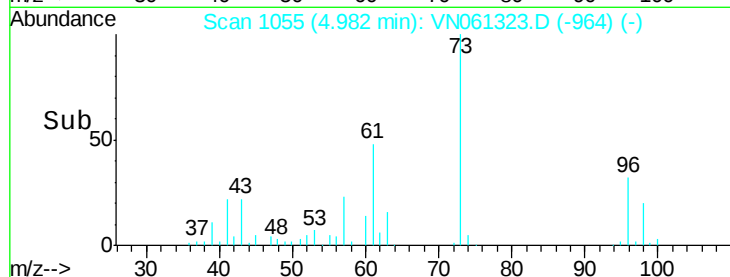
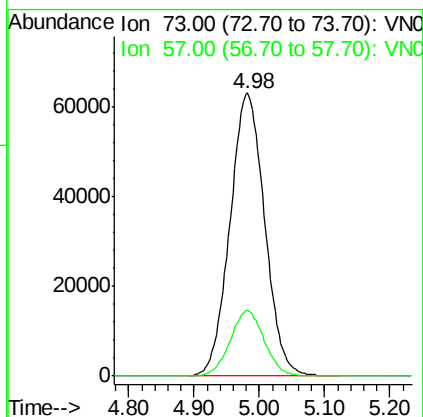
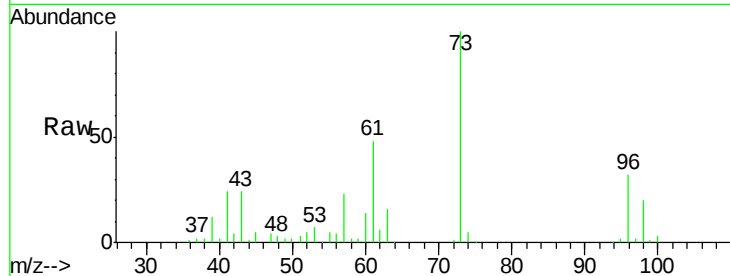




#19
Methvl tert-butvl Ether
Concen: 52.558 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

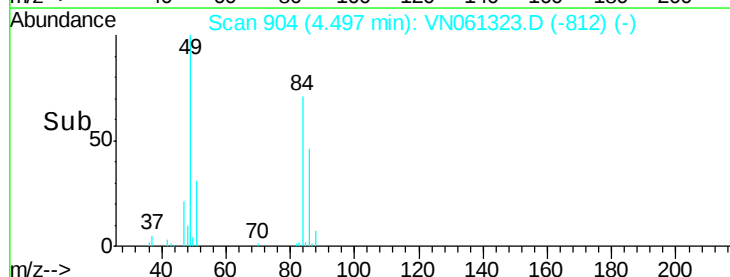
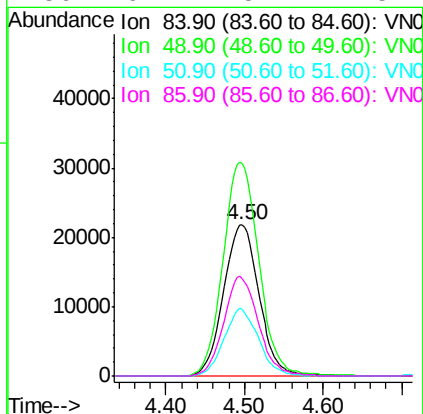
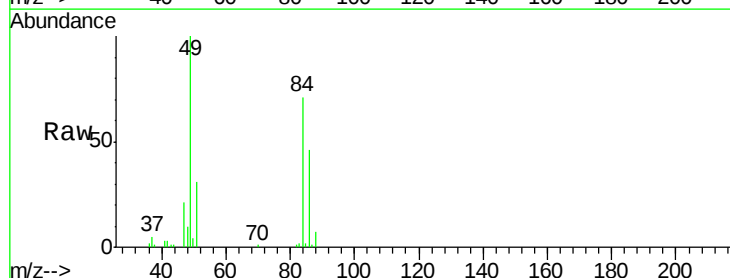
Instrument :
MSVOA_N
ClientSampleId :

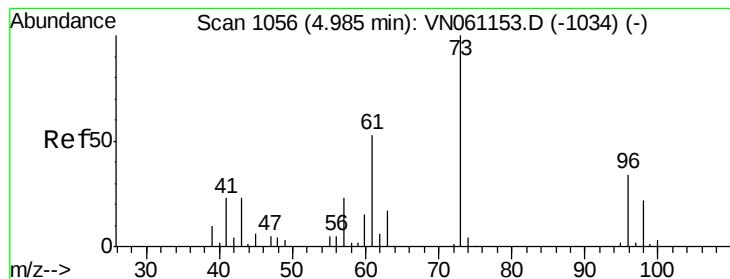
Tot Ion: 73 Resp: 233426
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 50.296 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 84 Resp: 68363
Ion Ratio Lower Upper
84 100
49 140.1 112.0 168.0
51 43.6 33.6 50.4
86 64.4 52.1 78.1



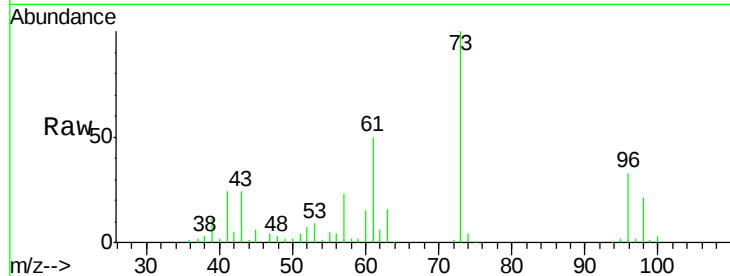


#21

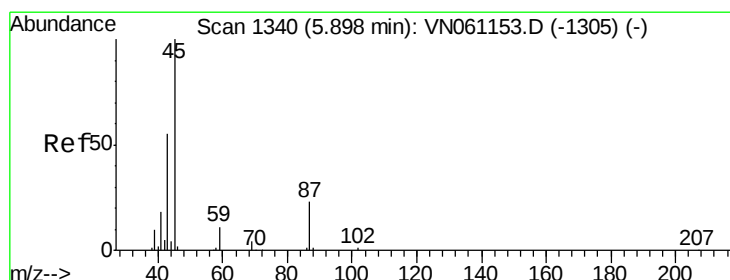
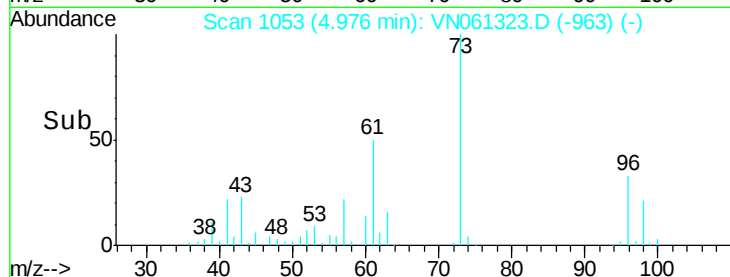
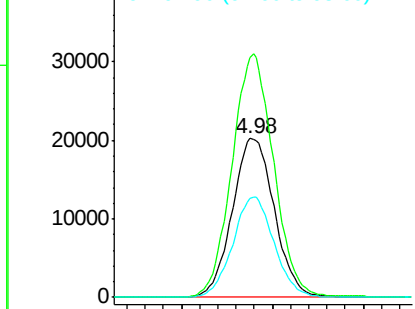
trans-1,2-Dichloroethene
Concen: 51.365 ug/l
RT: 4.98 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 65009
Ion Ratio Lower Upper
96 100
61 151.2 123.0 184.4
98 62.4 50.1 75.1



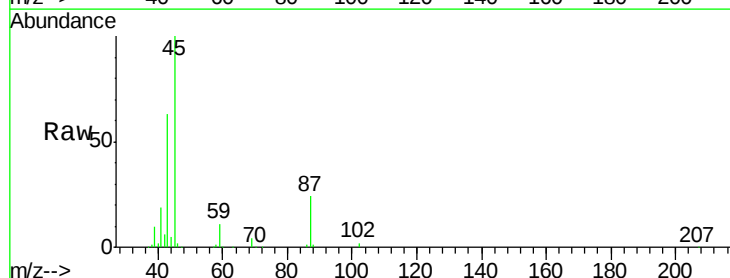
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



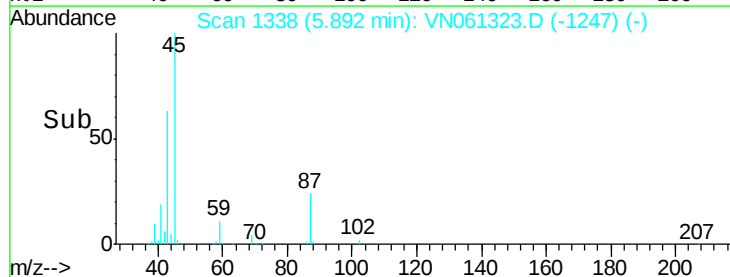
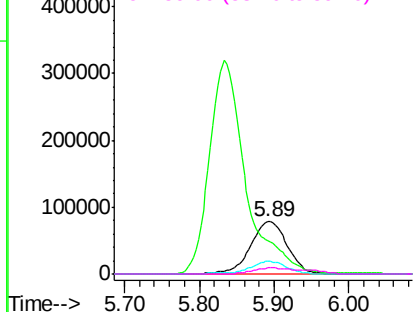
#22

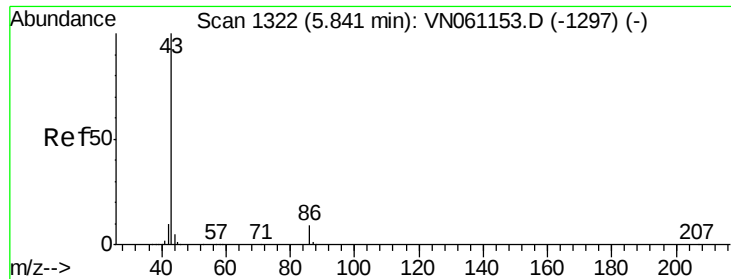
Diisopropyl ether
Concen: 53.930 ug/l
RT: 5.89 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 45 Resp: 269518
Ion Ratio Lower Upper
45 100
43 61.0 47.9 71.9
87 23.8 19.2 28.8
59 11.0 9.0 13.4



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





#23

Vinyl Acetate

Concen: 267.542 ug/l

RT: 5.83 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

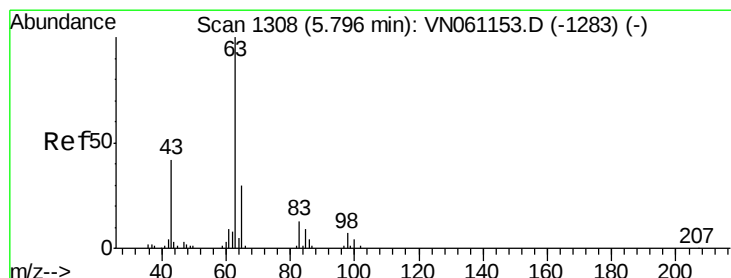
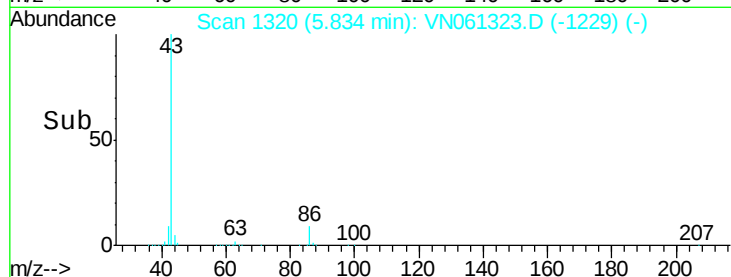
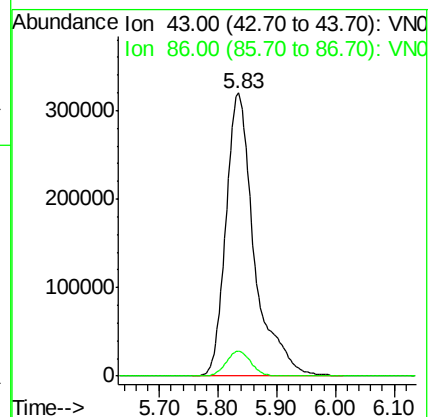
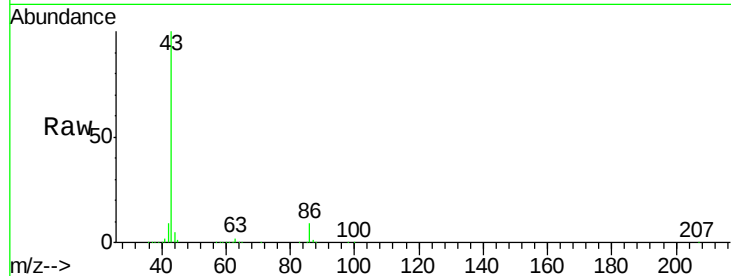
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1076564

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 52.049 ug/l

RT: 5.79 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

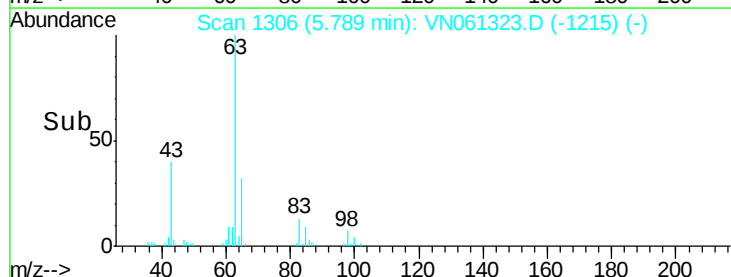
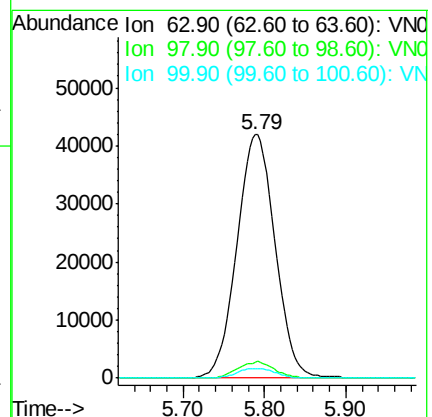
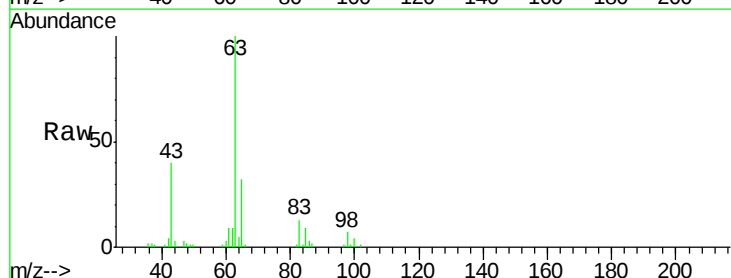
Tgt Ion: 63 Resp: 135907

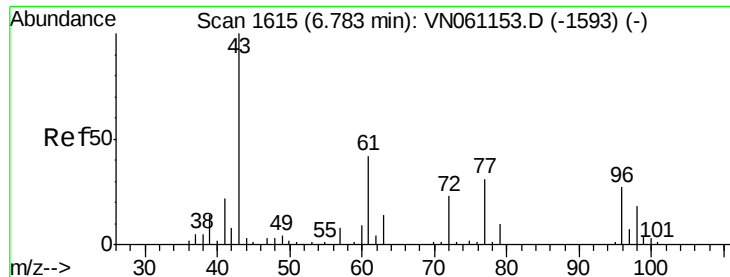
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 273.998 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

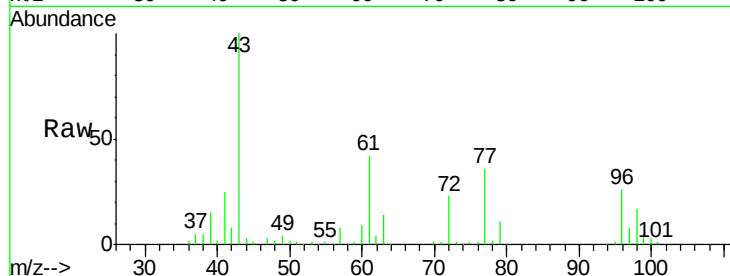
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 282615

Ion Ratio Lower Upper

43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1593) (-)

Ion 72.00 (71.70 to 72.70): VN061153.D (-1593) (-)

6.78

100000

80000

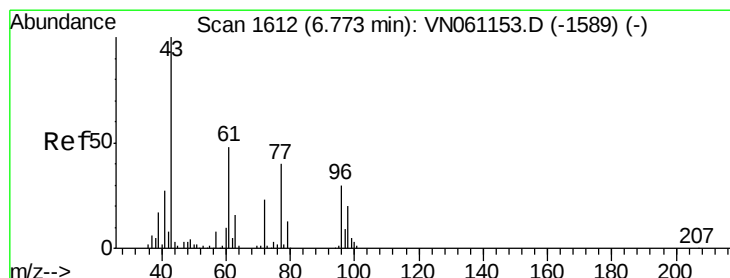
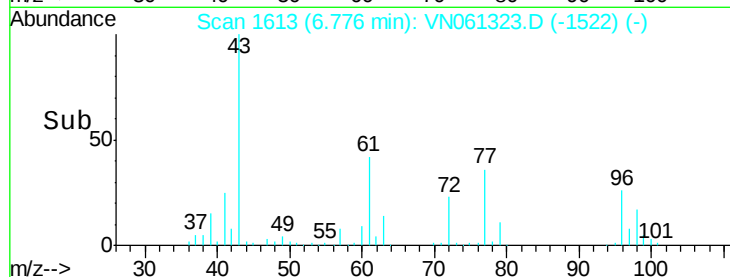
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 56.214 ug/l

RT: 6.77 min Scan# 1610

Delta R.T. -0.01 min

Lab File: VN061323.D

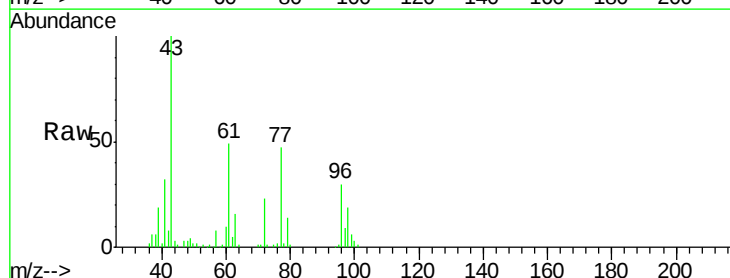
Acq: 7 May 2020 10:35

Tgt Ion: 77 Resp: 123632

Ion Ratio Lower Upper

77 100

97 20.8 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN061153.D (-1589) (-)

Ion 96.90 (96.60 to 97.60): VN061153.D (-1589) (-)

6.77

40000

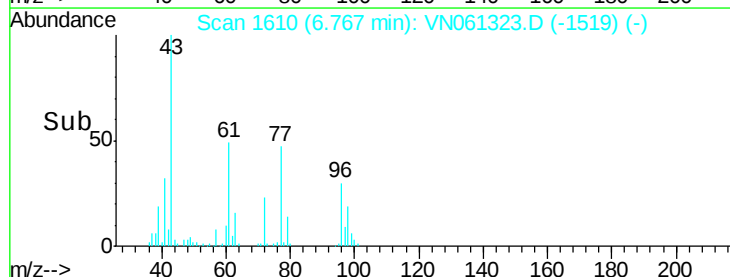
30000

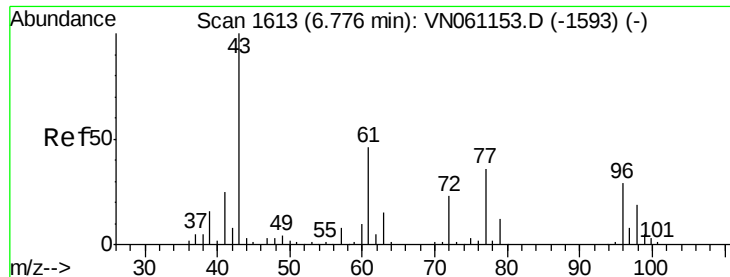
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.528 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

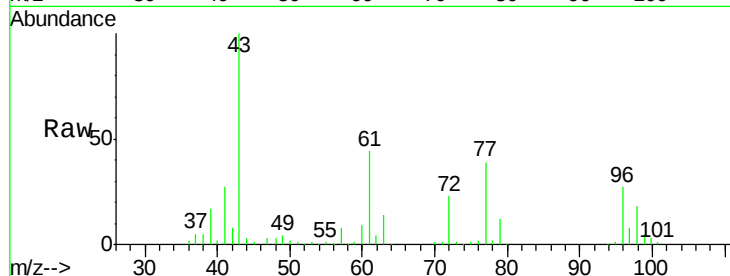
Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 76531

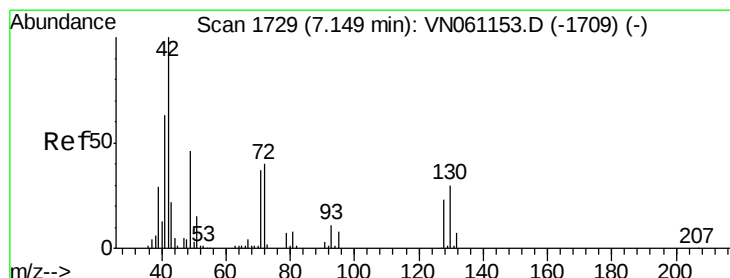
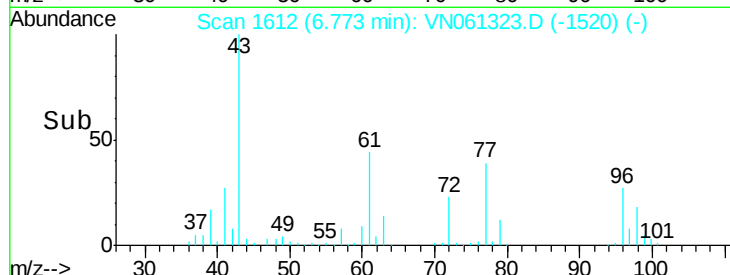
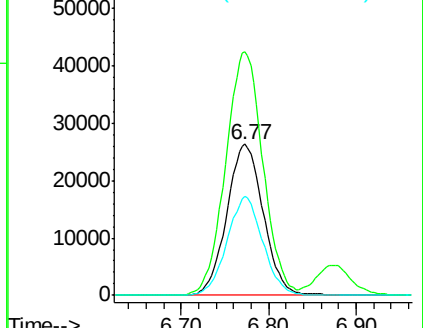
Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	322.0
98	63.6	0.0	129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)



#28

Bromochloromethane

Concen: 52.789 ug/l

RT: 7.15 min Scan# 1728

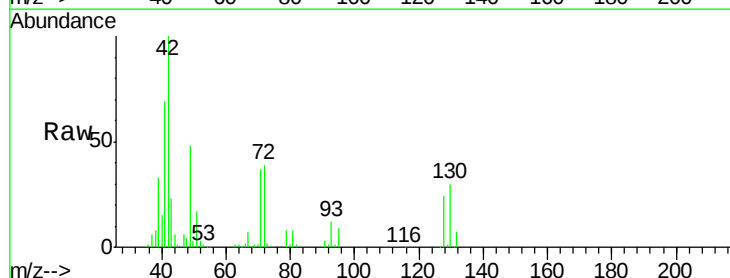
Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Tgt Ion: 49 Resp: 65332

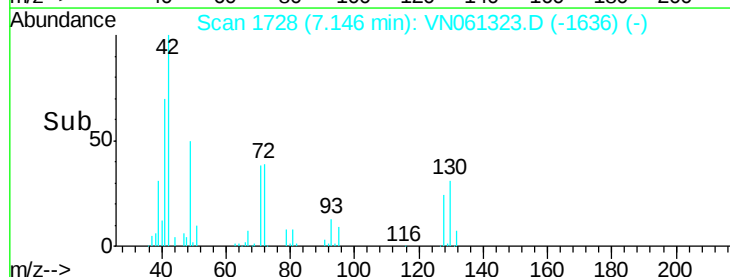
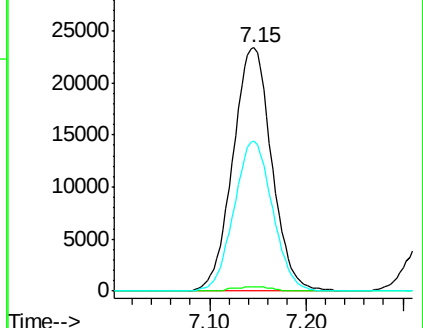
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.0
130	60.9	51.4	77.2



Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

Ion 128.80 (128.50 to 129.50): VN061153.D (-1709) (-)

Ion 129.80 (129.50 to 130.50): VN061153.D (-1709) (-)

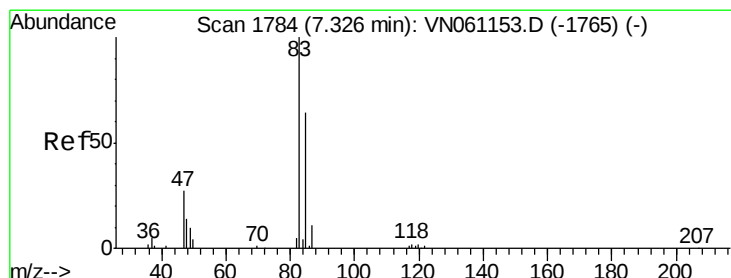
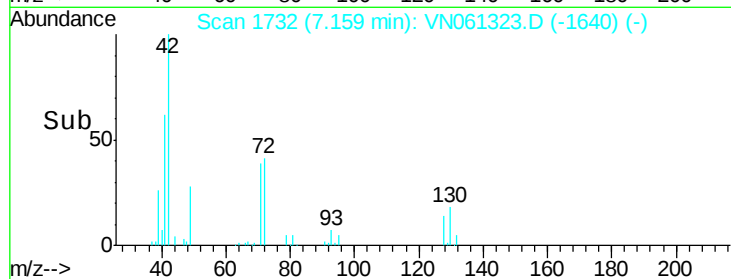
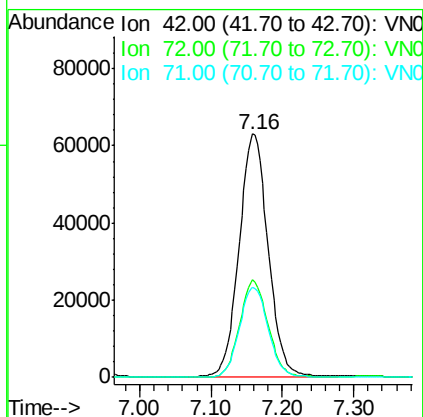
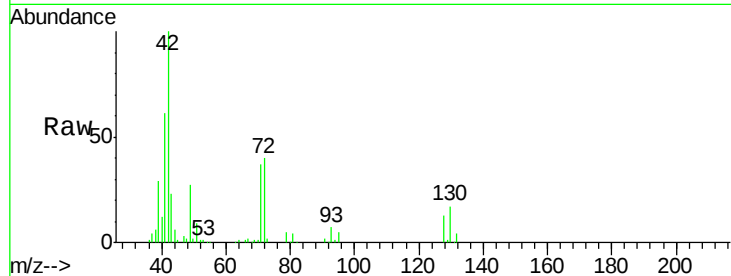




#29
Tetrahydrofuran
Concen: 259.200 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

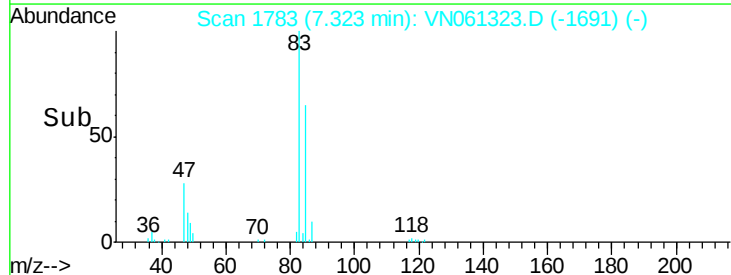
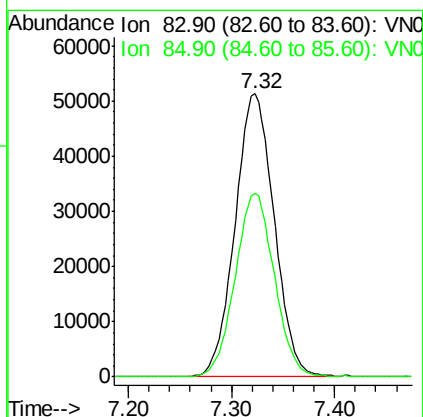
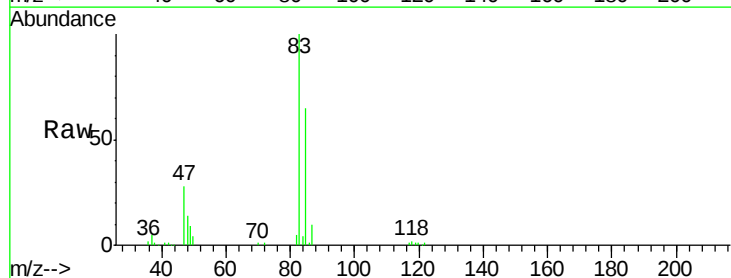
Instrument :
MSVOA_N
ClientSampleId :

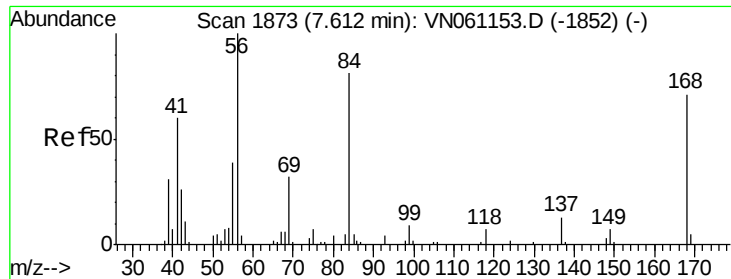
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.4	47.0
71	36.5	29.5	44.3



#30
Chloroform
Concen: 51.183 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7

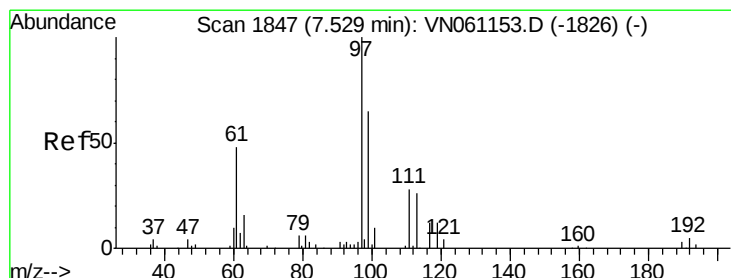
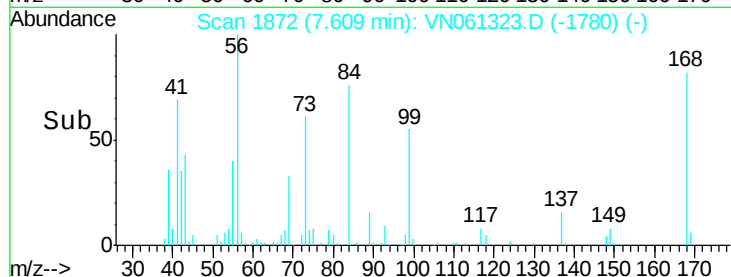
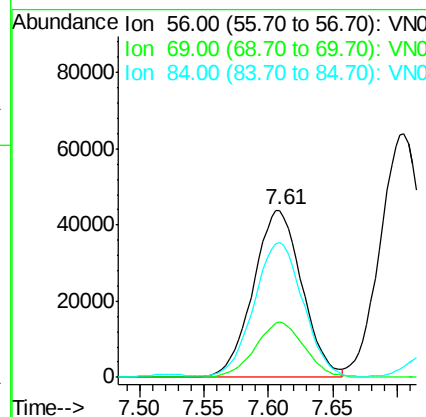
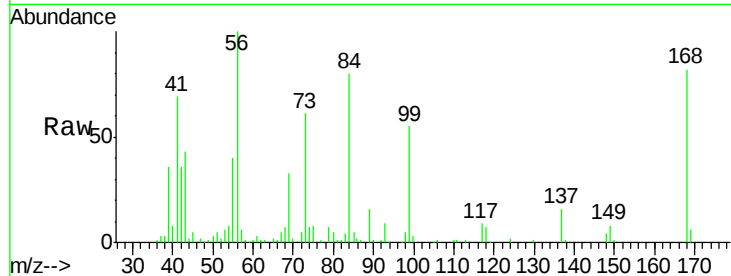




#31
Cyclohexane
Concen: 45.618 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

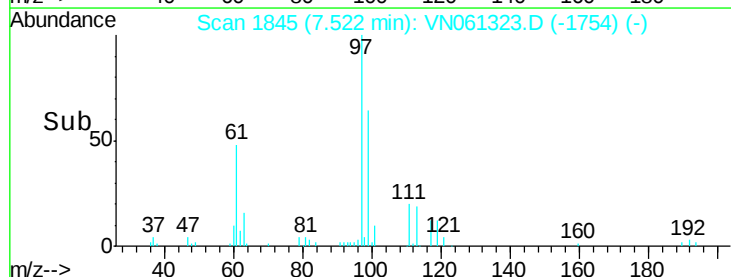
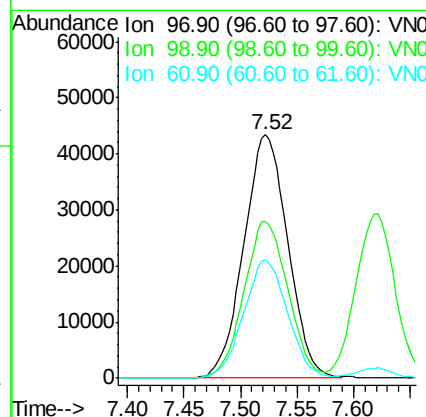
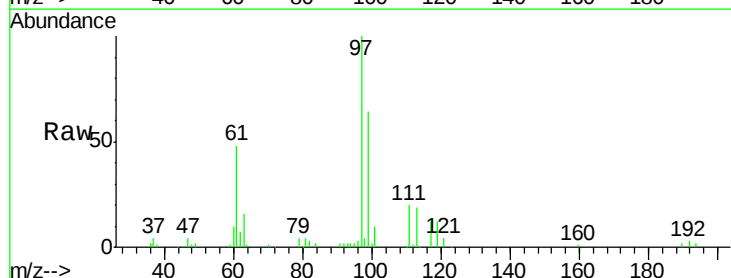
Instrument :
MSVOA_N
ClientSampleId :

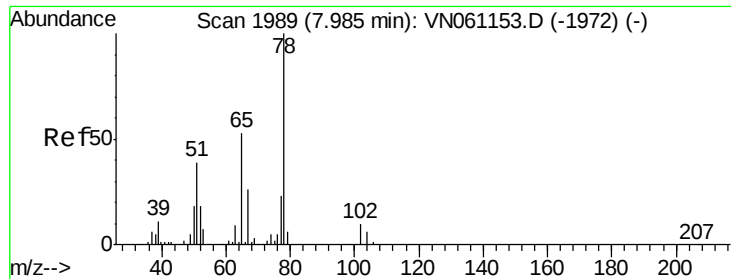
Tot Ion: 56 Resp: 115678
Ion Ratio Lower Upper
56 100
69 32.8 25.7 38.5
84 79.1 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 50.894 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 97 Resp: 117270
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 48.5 38.6 57.8

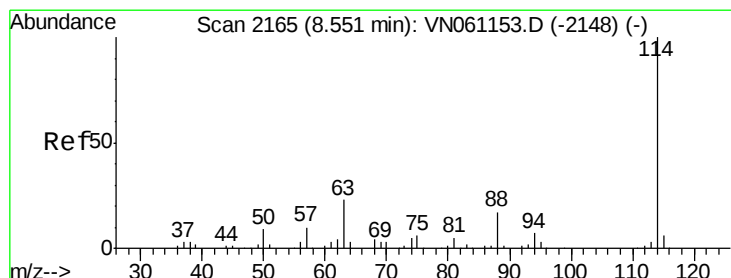
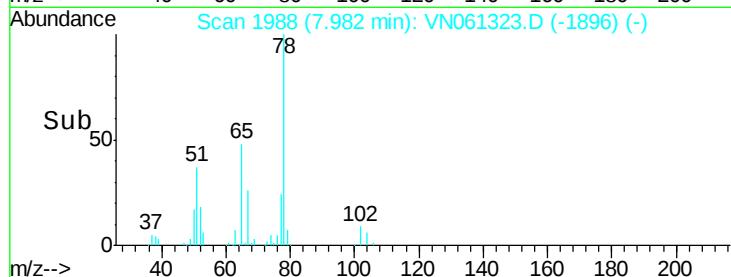
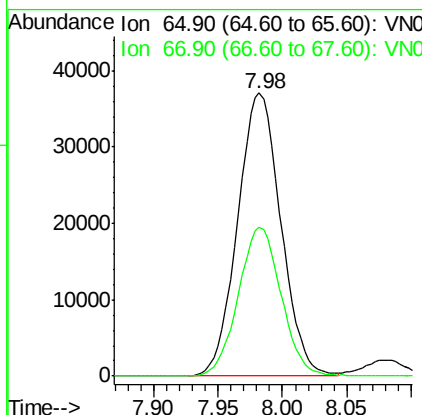
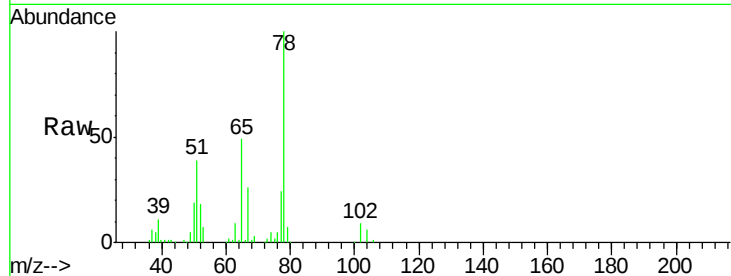




#33
 1,2-Dichloroethane-d4
 Concen: 49.766 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

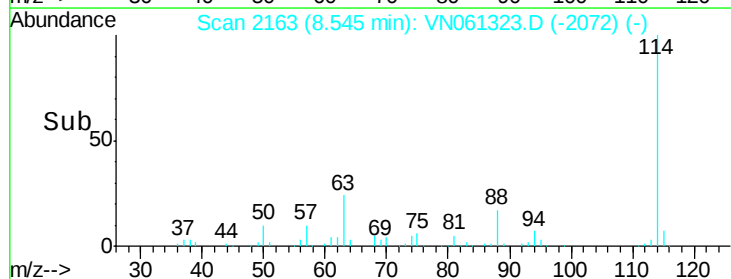
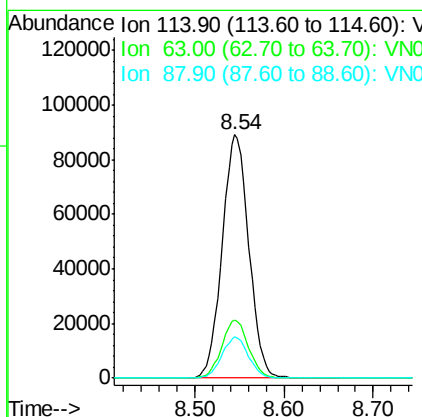
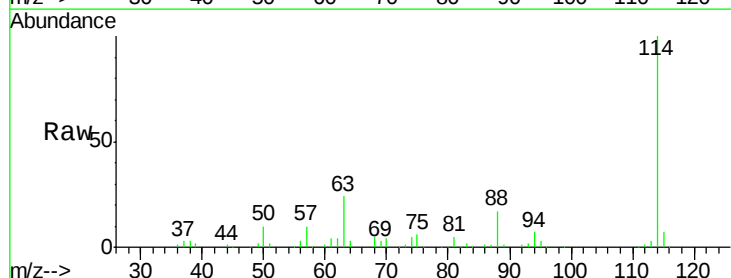
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 86747
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion: 114 Resp: 184391
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 17.0 0.0 33.4

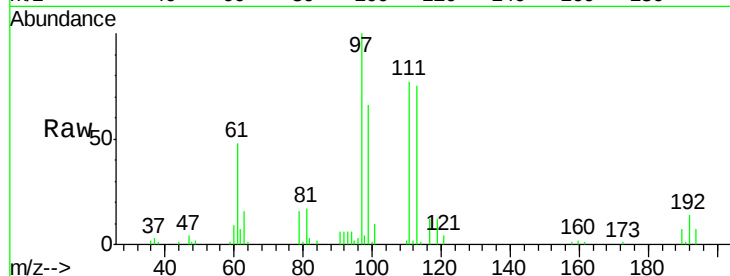




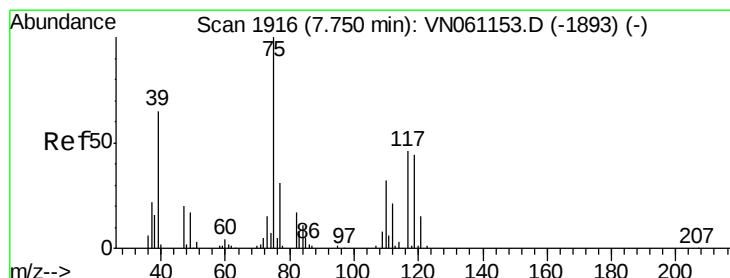
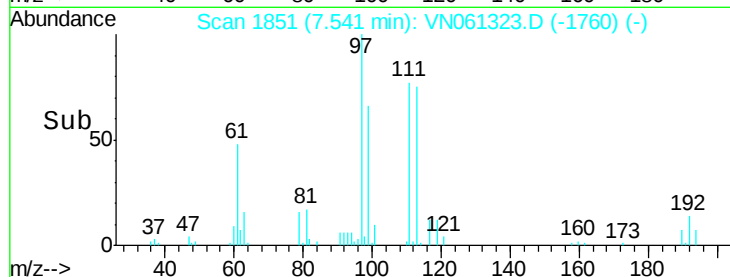
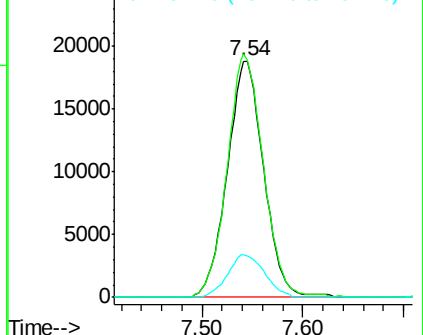
#35
 Dibromofluoromethane
 Concen: 43.201 ug/l
 RT: 7.54 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 47104
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 18.3 14.7 22.1

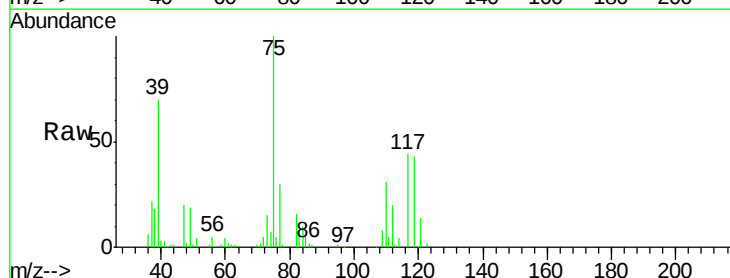


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

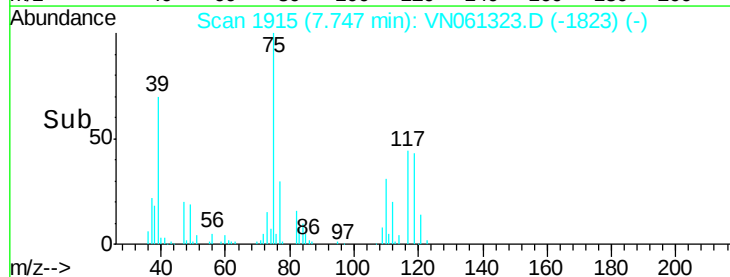
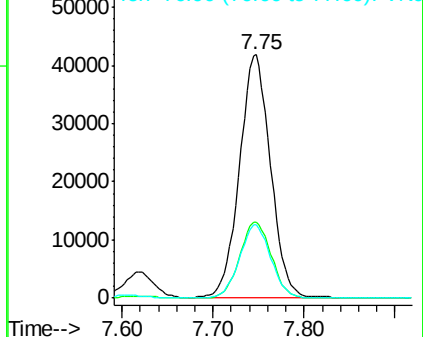


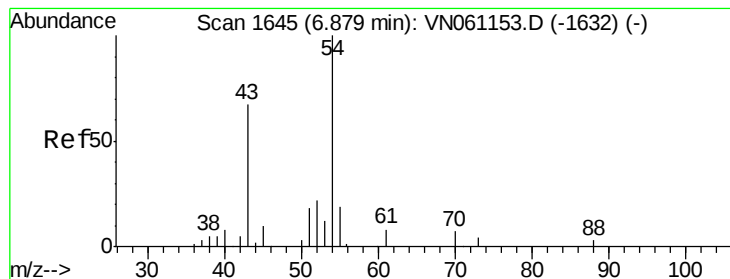
#36
 1,1-Dichloropropene
 Concen: 53.848 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion: 75 Resp: 99395
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.0 48.0
 77 30.3 24.6 37.0



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





#37

Ethyl Acetate

Concen: 52.584 ug/l

RT: 6.87 min Scan# 1643

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampled :

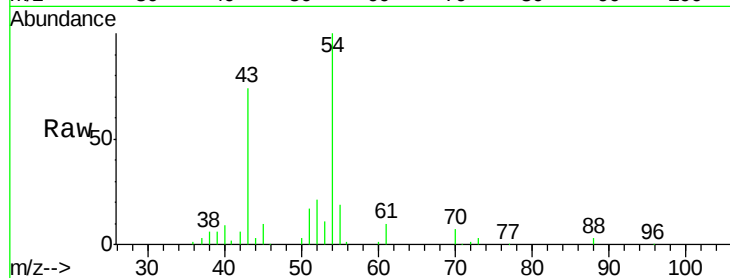
Tot Ion: 43 Resp: 113789

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.2

70 9.2 7.2 10.8

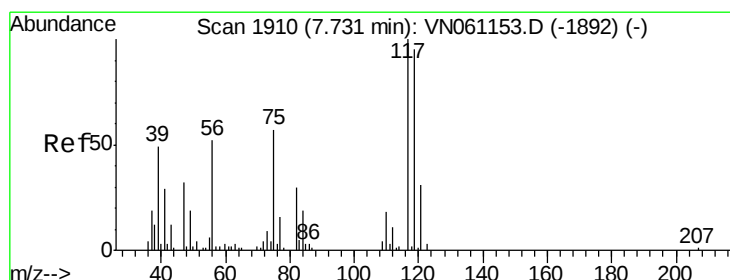
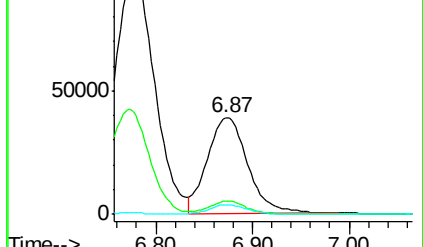
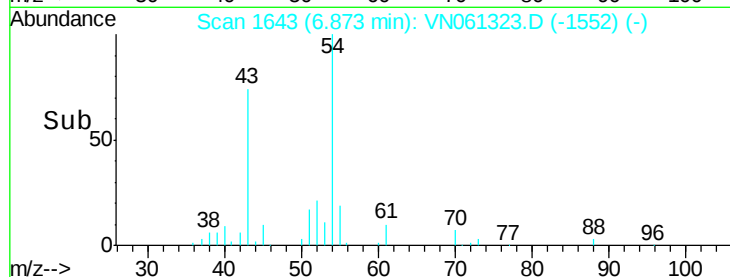


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 53.747 ug/l

RT: 7.73 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

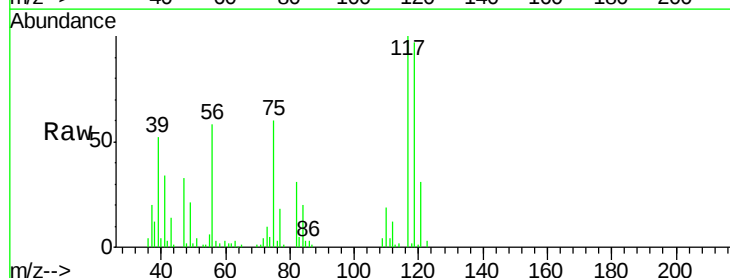
Tgt Ion: 117 Resp: 90819

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.6

121 31.3 24.7 37.1

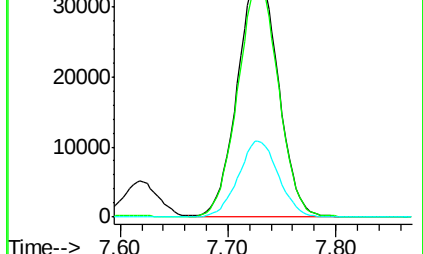
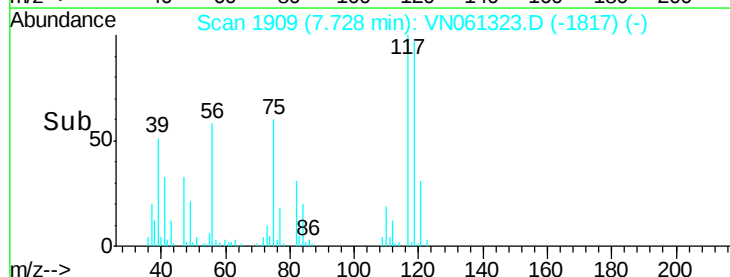


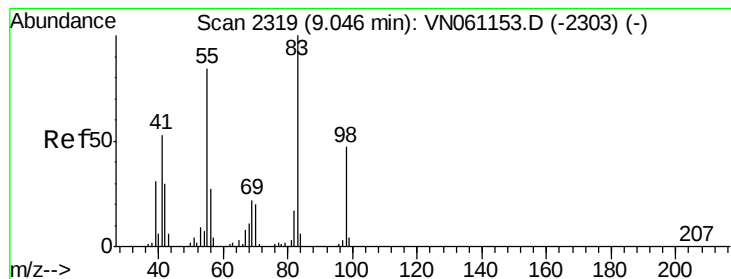
Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)

Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)

Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)

Time-->





#39

Methvlcvclohexane

Concen: 48.372 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

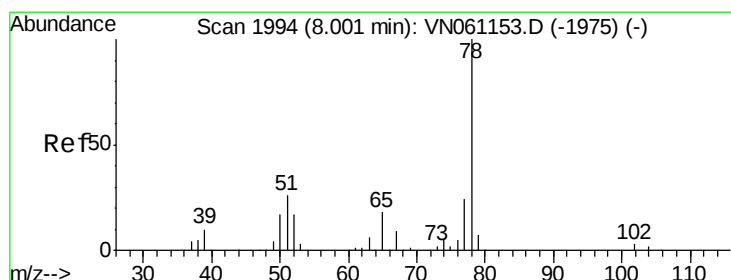
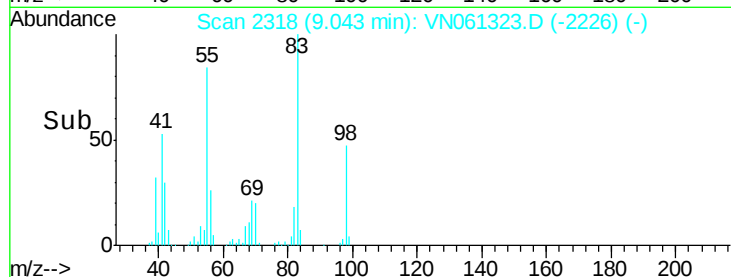
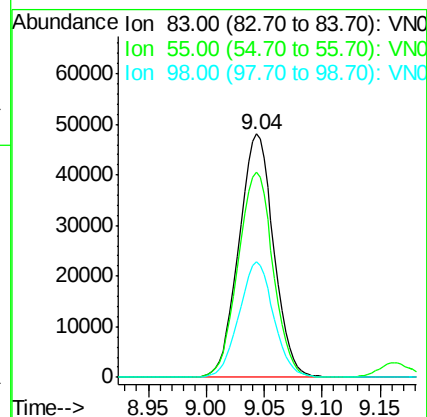
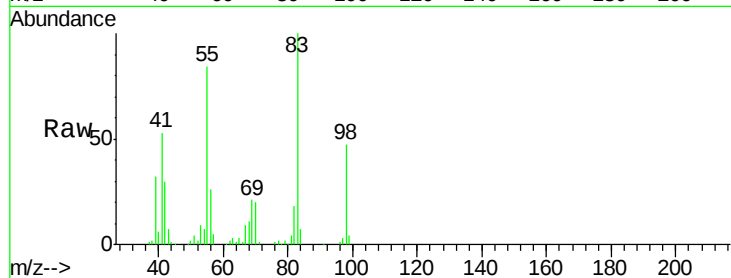
Tot Ion: 83 Resp: 100133

Ion Ratio Lower Upper

83 100

55 84.4 67.3 100.9

98 47.4 37.7 56.5



#40

Benzene

Concen: 52.198 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061323.D

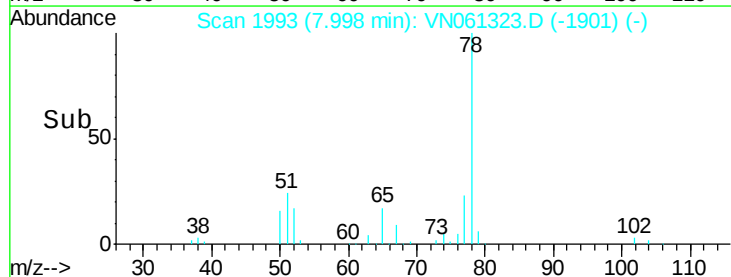
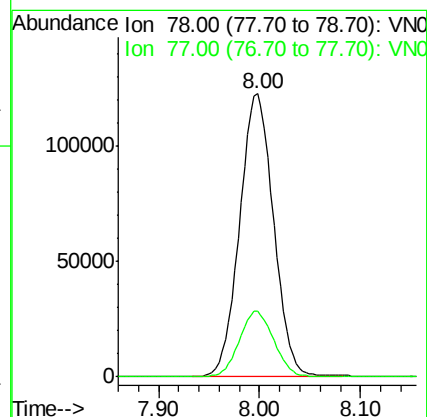
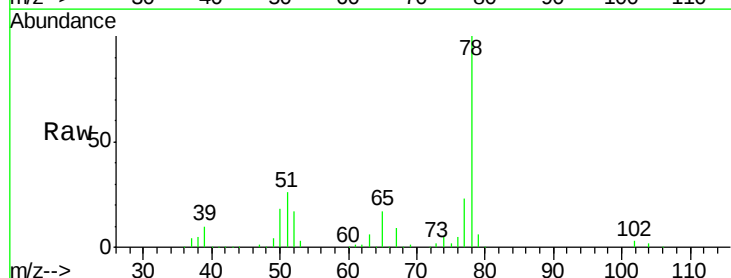
Acq: 7 May 2020 10:35

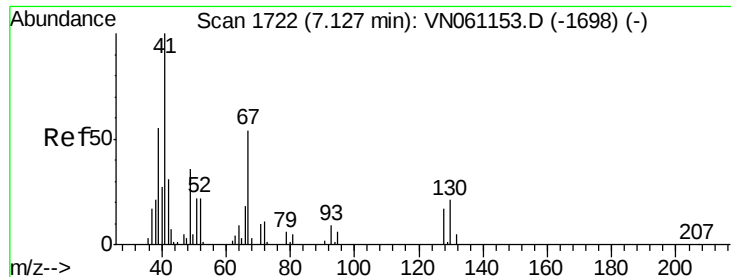
Tgt Ion: 78 Resp: 287047

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

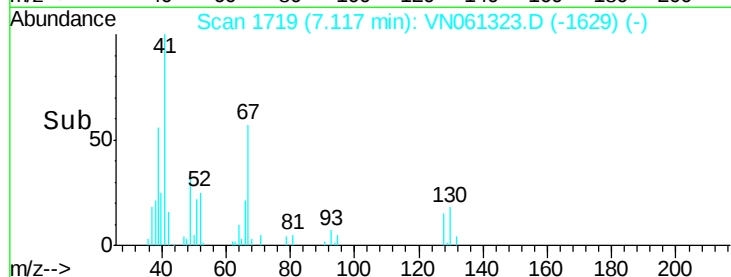
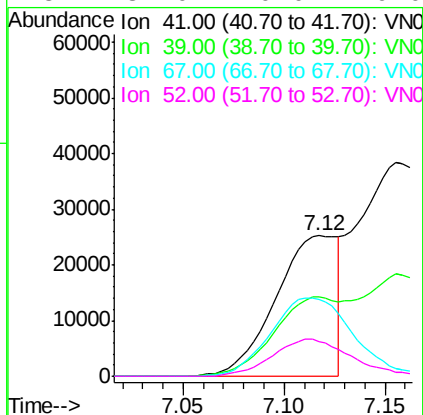
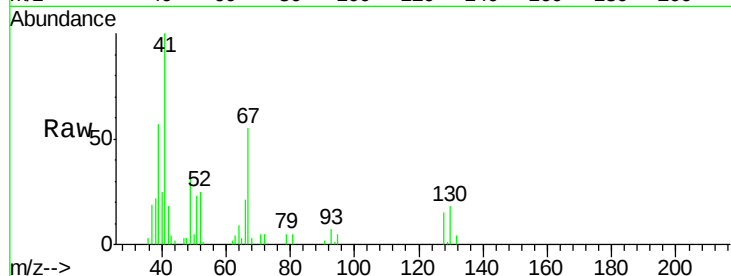




#41
Methacrylonitrile
Concen: 59.591 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

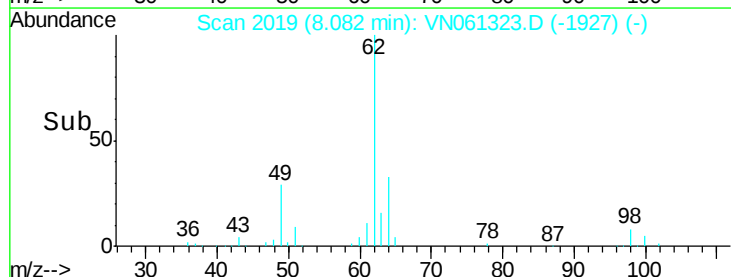
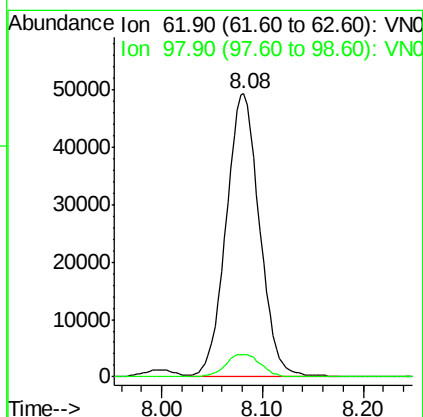
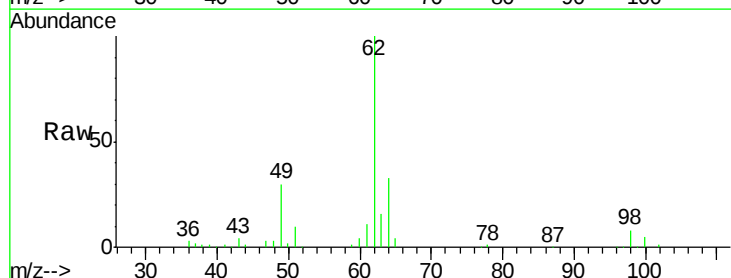
Instrument :
MSVOA_N
ClientSampled :

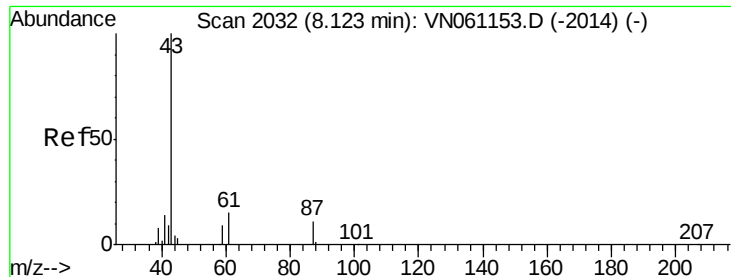
Tot Ion:	41	Resp:	53540
Ion	Ratio	Lower	Upper
41	100		
39	57.1	0.0	0.0#
67	75.5	0.0	0.0#
52	34.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 54.264 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion:	62	Resp:	113049
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 54.223 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

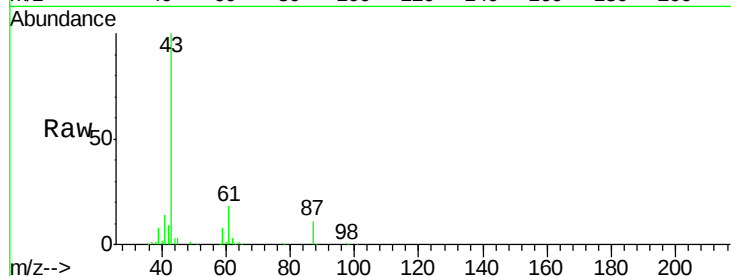
Tot Ion: 43 Resp: 194733

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

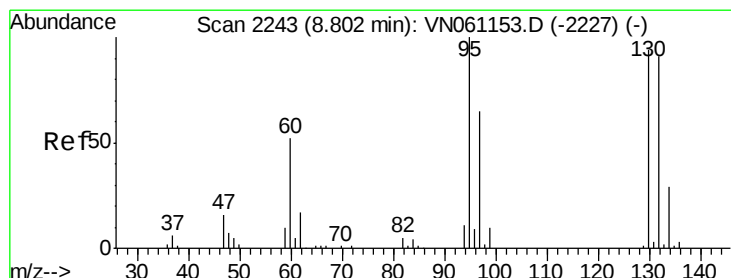
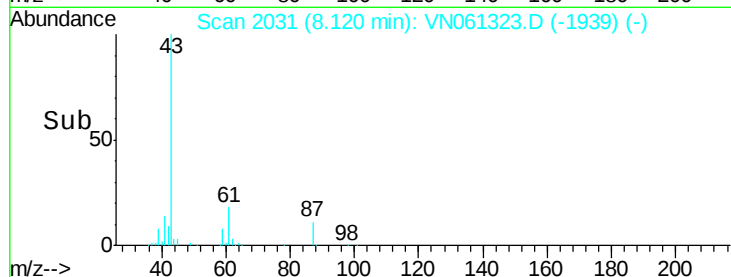
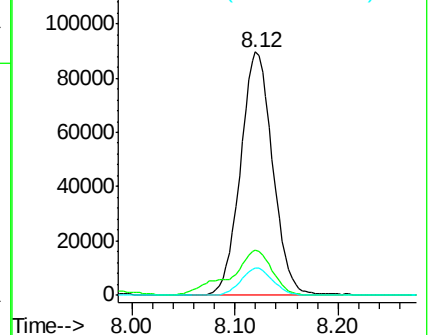
87 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 48.654 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061323.D

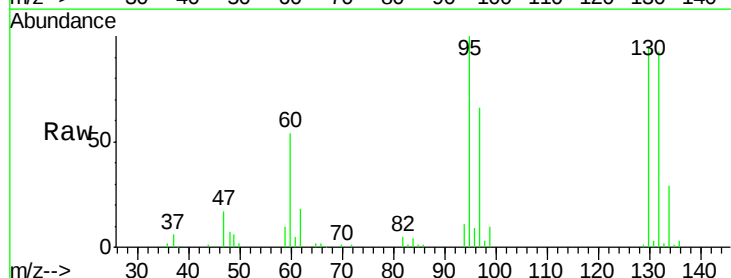
Acq: 7 May 2020 10:35

Tgt Ion: 130 Resp: 72329

Ion Ratio Lower Upper

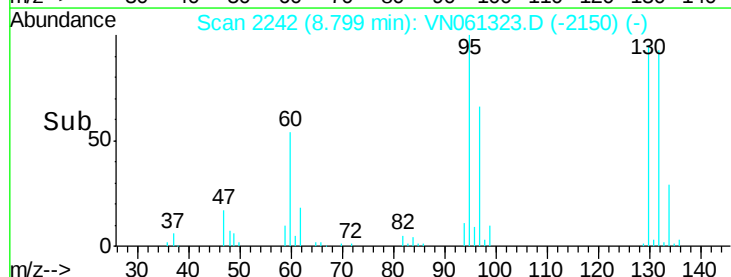
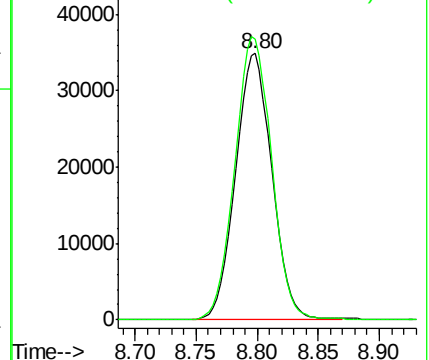
130 100

95 105.5 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 54.862 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.01 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

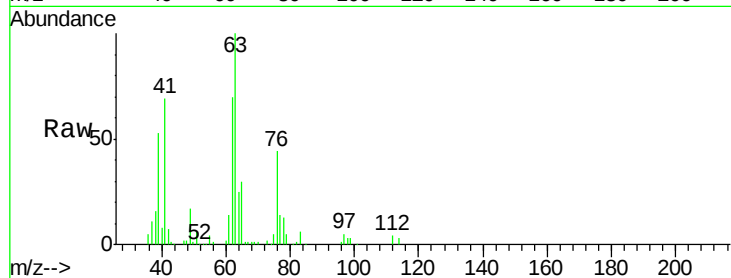
ClientSampleId :

Tot Ion: 63 Resp: 80601

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2310) (-)

Ion 64.90 (64.60 to 65.60): VN061153.D (-2310) (-)

9.08

40000

30000

20000

10000

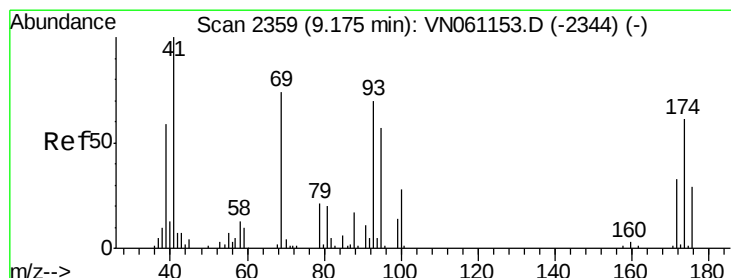
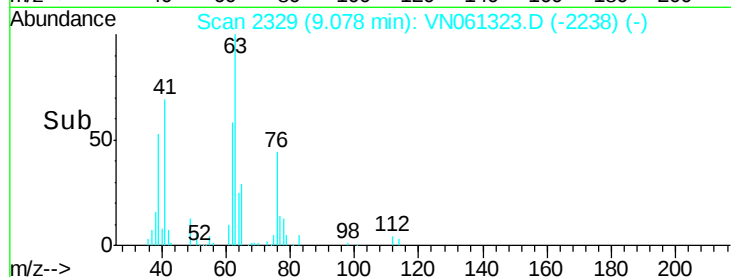
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 54.491 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

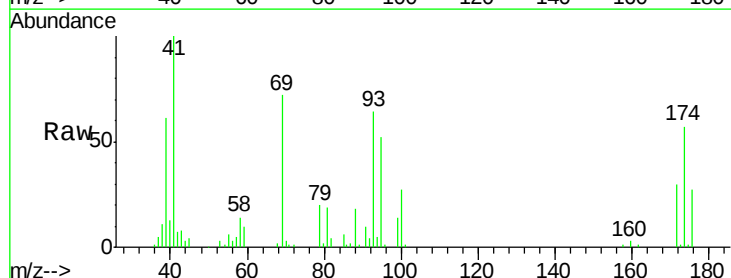
Tgt Ion: 93 Resp: 49568

Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 89.0 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN061153.D (-2344) (-)

Ion 94.80 (94.50 to 95.50): VN061153.D (-2344) (-)

Ion 173.70 (173.40 to 174.40): VN061153.D (-2344) (-)

9.17

30000

25000

20000

15000

10000

5000

0

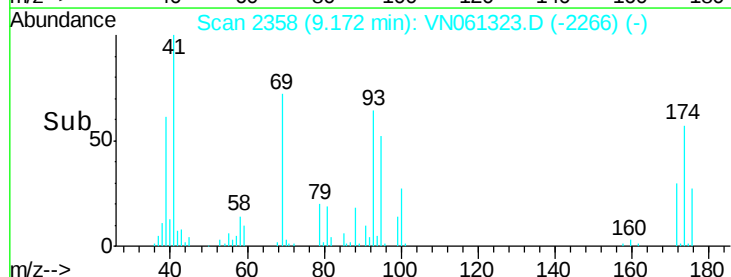
Time-->

9.10

9.15

9.20

9.25





#47

Bromodichloromethane

Concen: 56.099 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

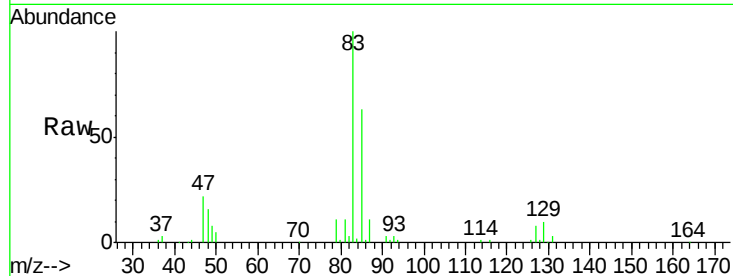
Tot Ion: 83 Resp: 109534

Ion Ratio Lower Upper

83 100

85 63.3 50.4 75.6

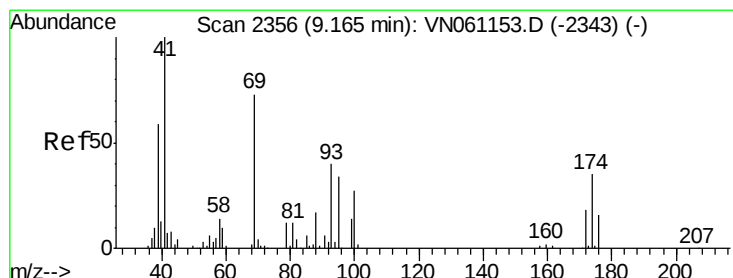
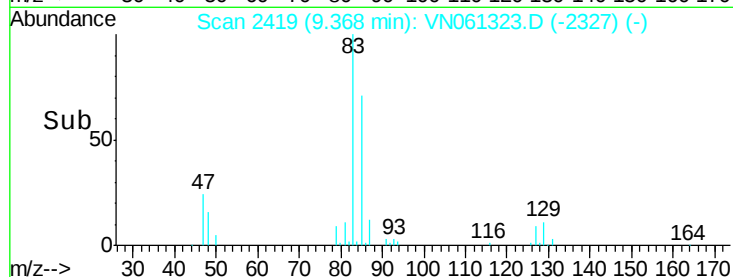
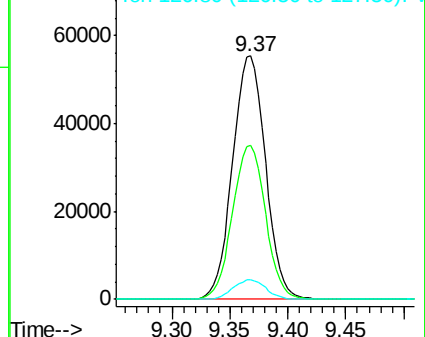
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.709 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

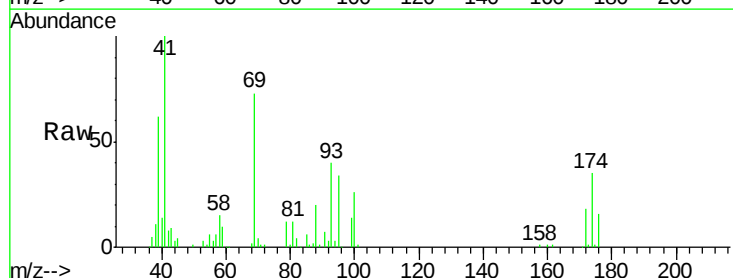
Tgt Ion: 41 Resp: 90281

Ion Ratio Lower Upper

41 100

69 74.0 60.3 90.5

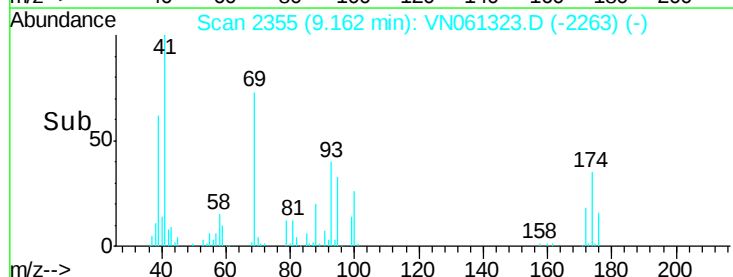
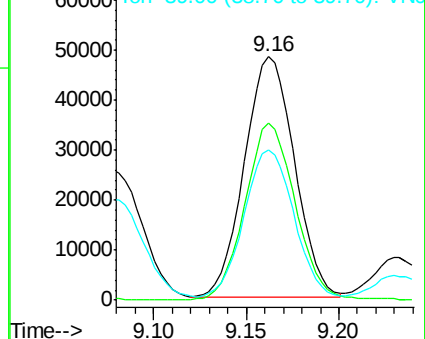
39 63.5 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

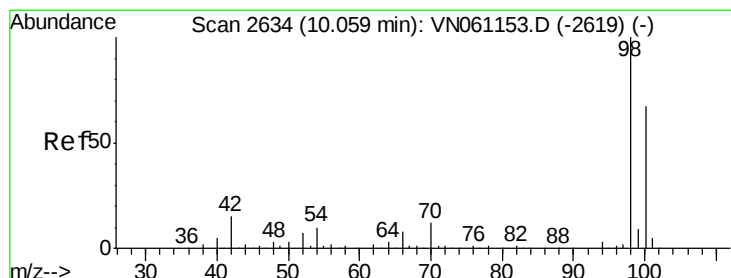
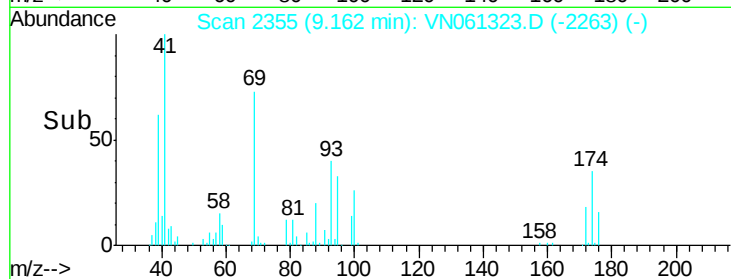
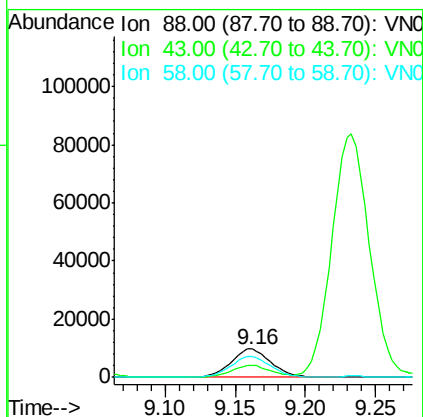
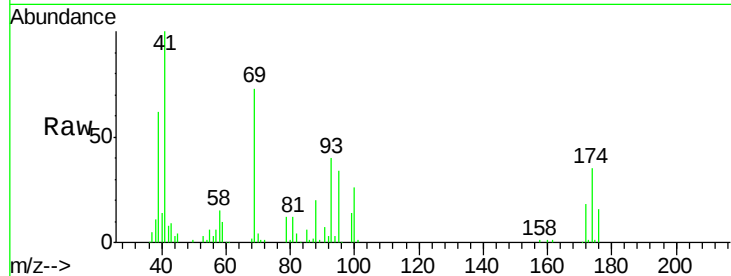




#49
1,4-Dioxane
Concen: 1061.939 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

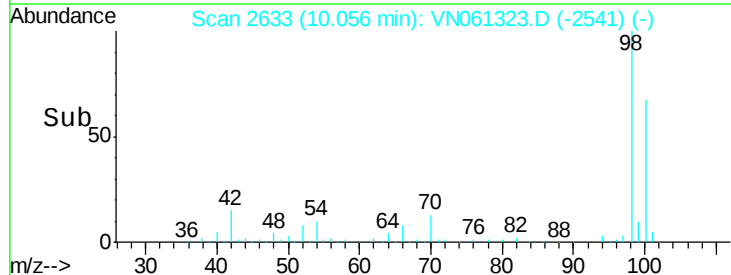
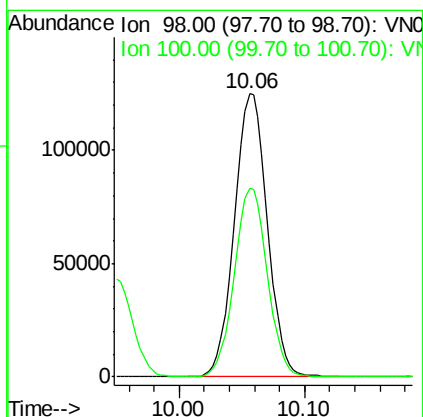
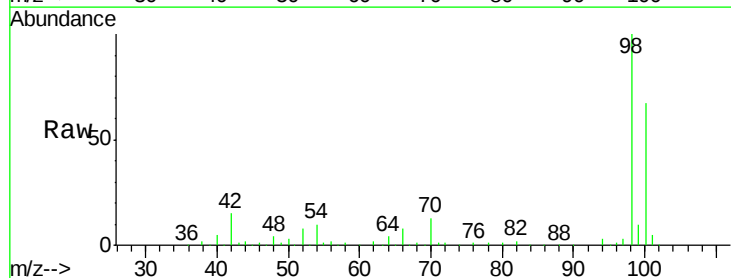
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 19535
Ion Ratio Lower Upper
88 100
43 41.9 35.3 52.9
58 74.1 61.5 92.3



#50
Toluene-d8
Concen: 51.361 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 98 Resp: 228290
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0

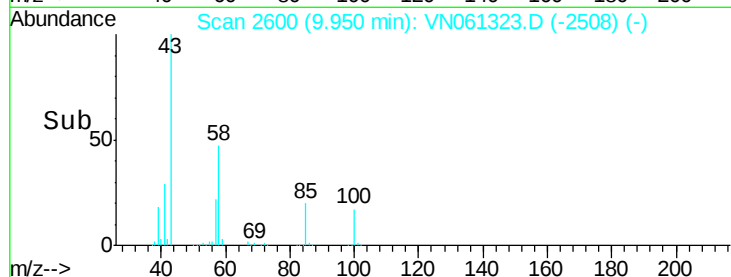
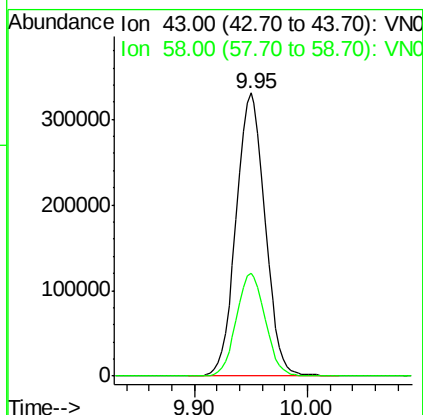
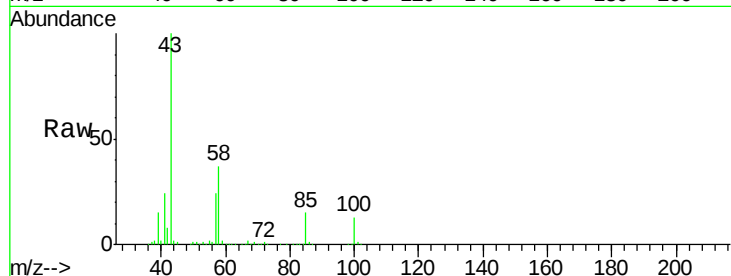




#51
4-Methyl-2-Pentanone
Concen: 279.225 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

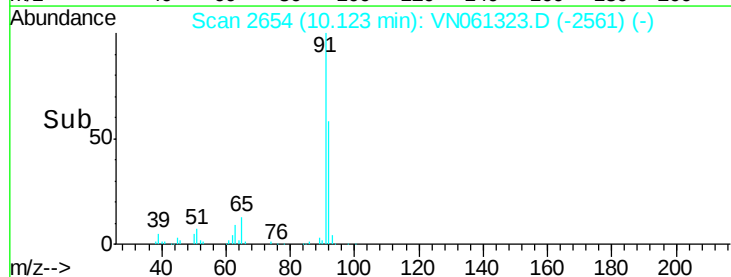
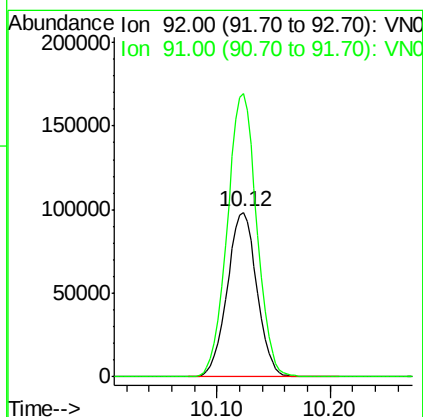
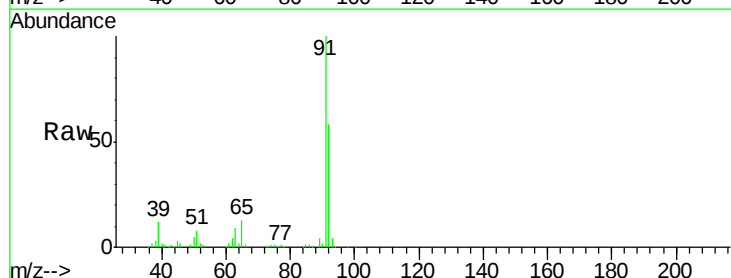
Instrument :
MSVOA_N
ClientSampled :

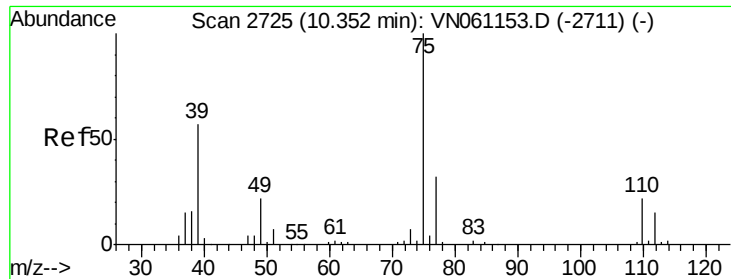
Tot Ion: 43 Resp: 590254
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 54.183 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 92 Resp: 179473
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 56.086 ug/l

RT: 10.35 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

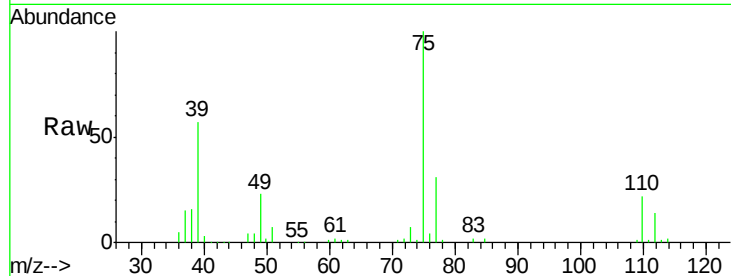
ClientSampled :

Tot Ion: 75 Resp: 123392

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

60000

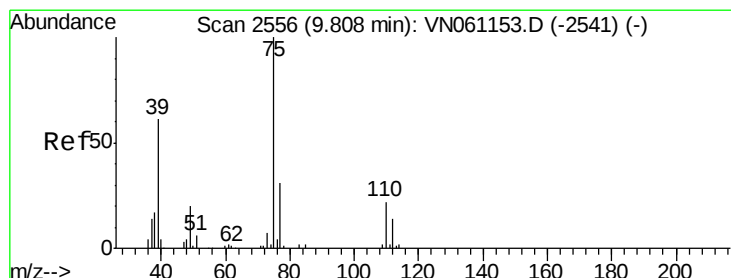
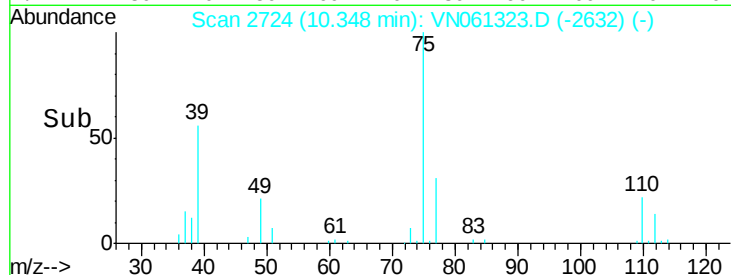
40000

20000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 55.797 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

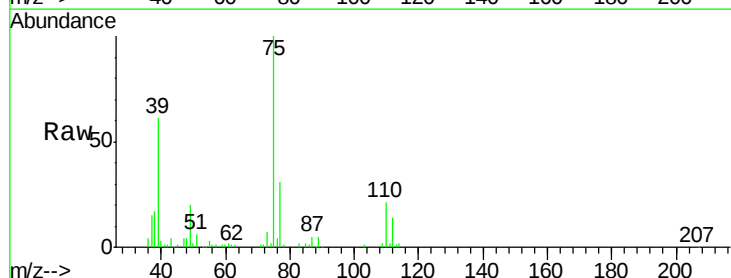
Tgt Ion: 75 Resp: 129778

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 60.8 48.7 73.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

80000

60000

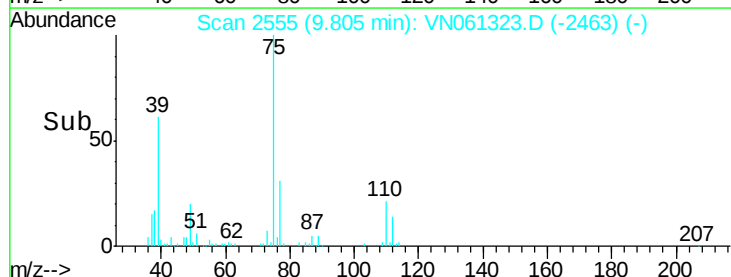
40000

20000

0

Time-->

9.70 9.80 9.90

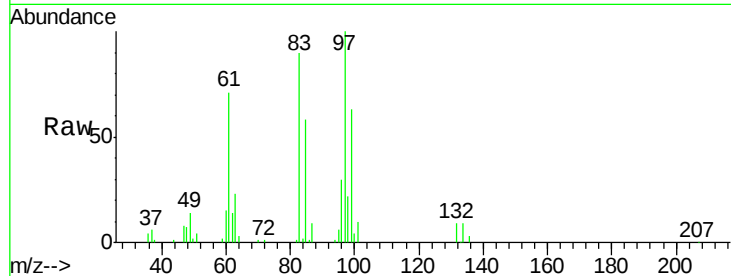




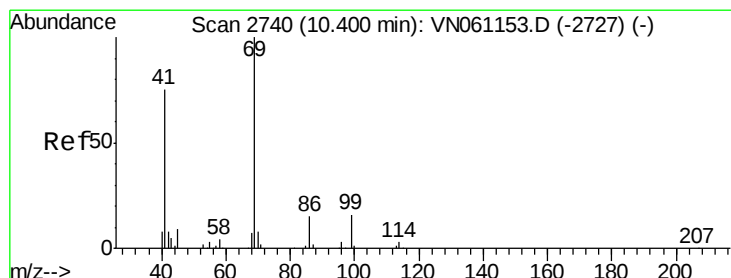
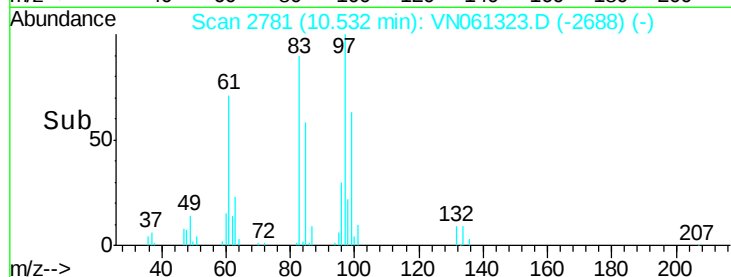
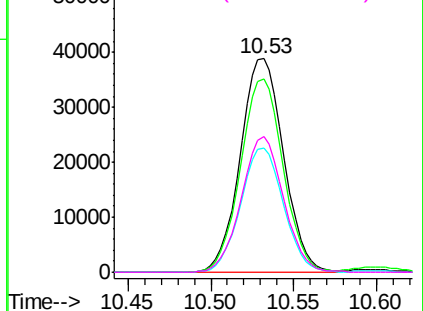
#55
 1,1,2-Trichloroethane
 Concen: 53.346 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 70480
 Ion Ratio Lower Upper
 97 100
 83 90.4 70.6 106.0
 85 58.4 46.4 69.6
 99 63.3 50.6 75.8

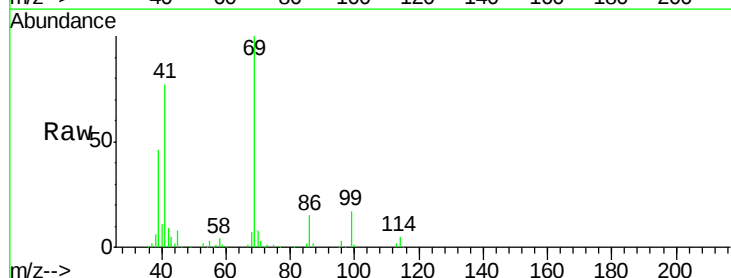


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

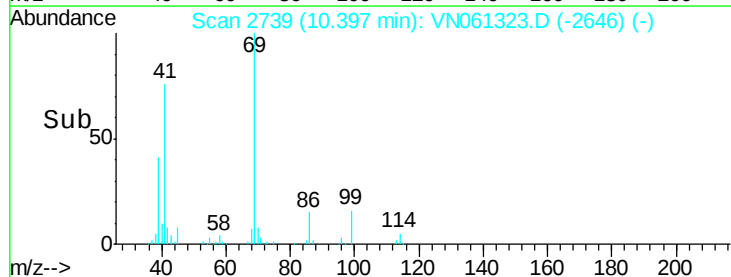
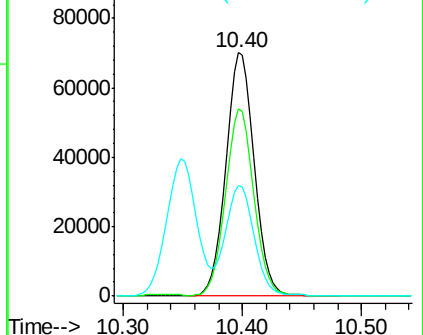


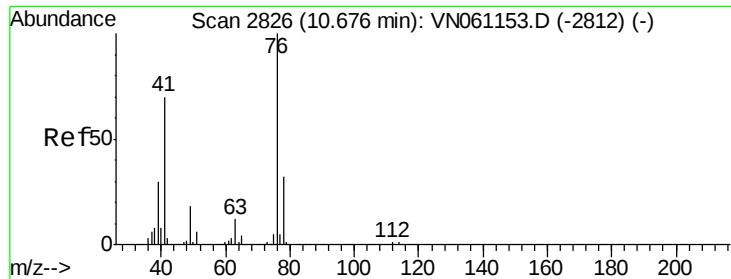
#56
 Ethyl methacrylate
 Concen: 50.323 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion: 69 Resp: 115902
 Ion Ratio Lower Upper
 69 100
 41 75.9 60.3 90.5
 39 46.1 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: 54.790 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

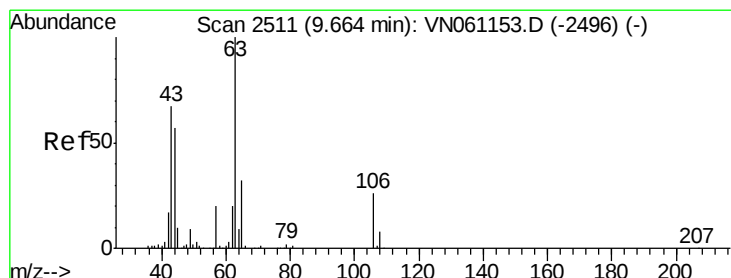
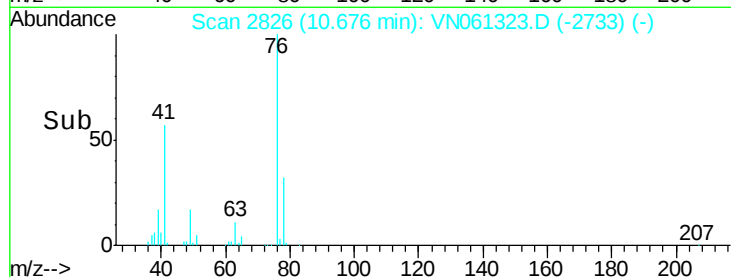
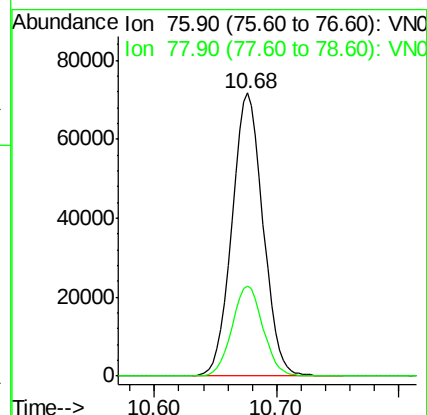
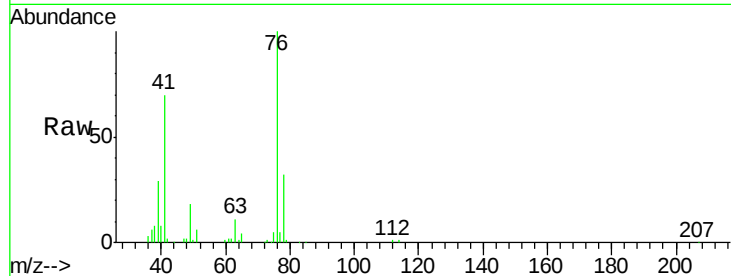
ClientSampled :

Tot Ion: 76 Resp: 127241

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 200.112 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061323.D

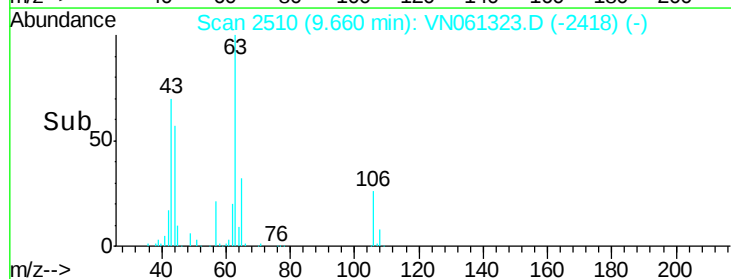
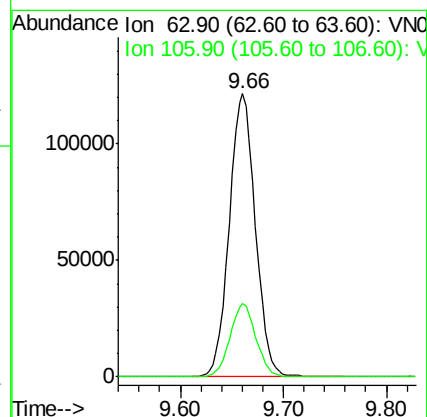
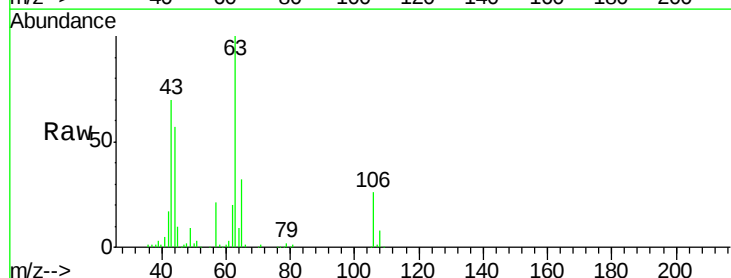
Acq: 7 May 2020 10:35

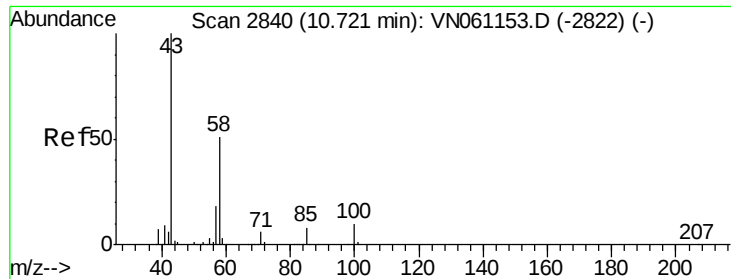
Tgt Ion: 63 Resp: 214007

Ion Ratio Lower Upper

63 100

106 25.6 20.6 30.8

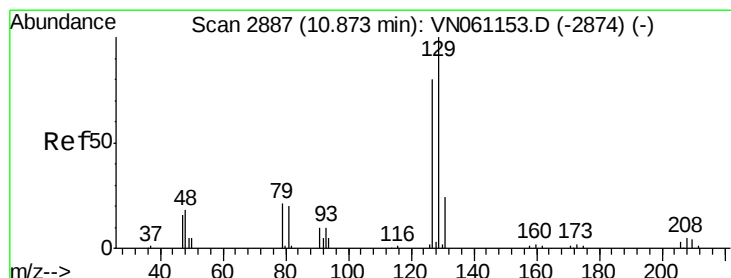
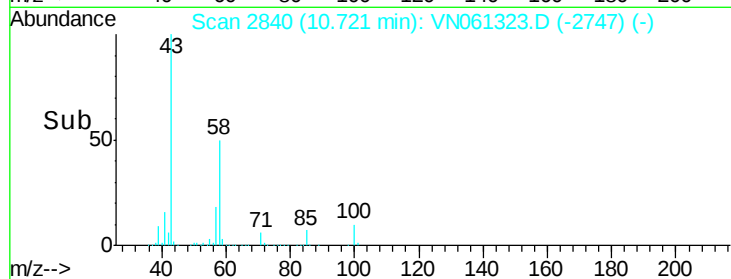
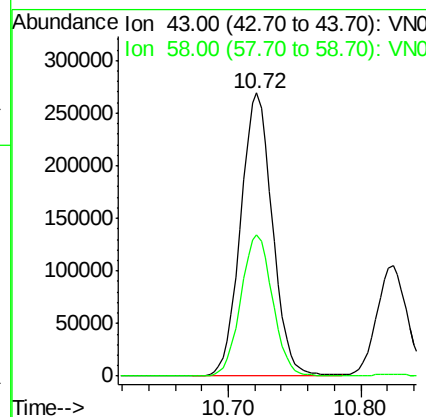
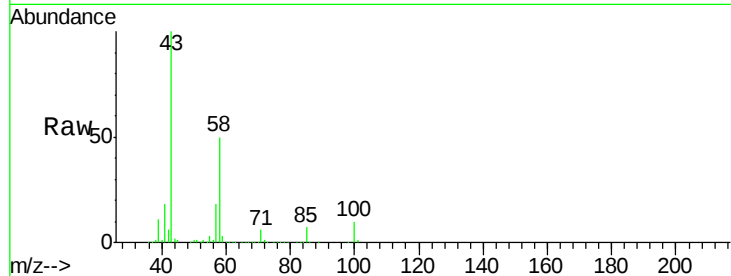




#59
2-Hexanone
Concen: 291.529 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

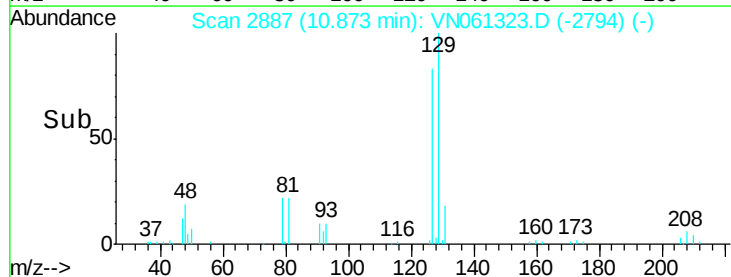
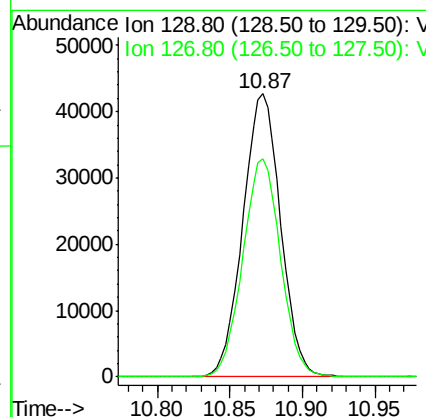
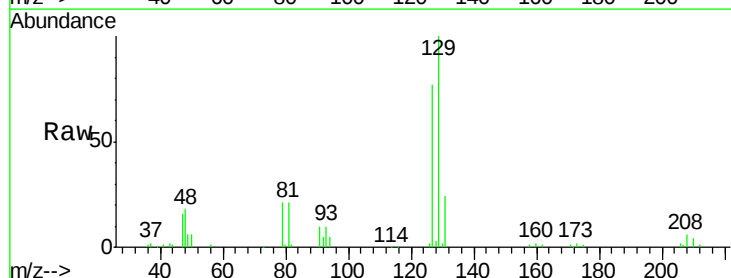
Instrument :
MSVOA_N
ClientSampled :

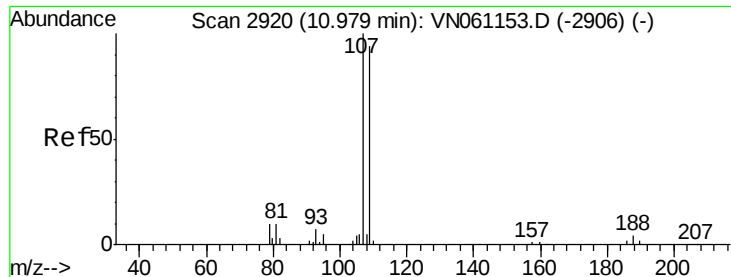
Tot Ion: 43 Resp: 448343
Ion Ratio Lower Upper
43 100
58 50.0 25.4 76.4



#60
Dibromochloromethane
Concen: 55.871 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion: 129 Resp: 77311
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8

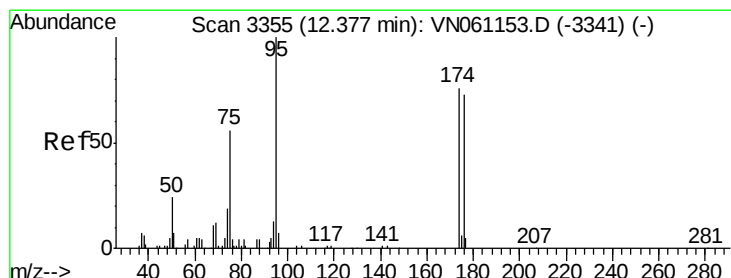
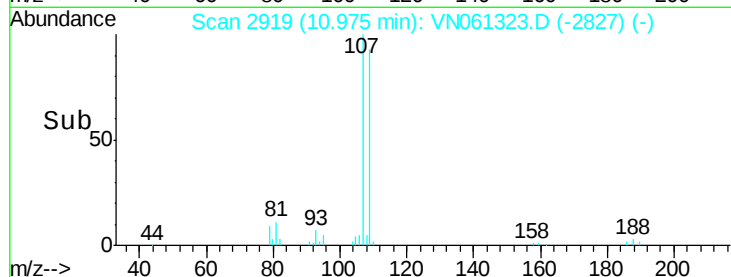
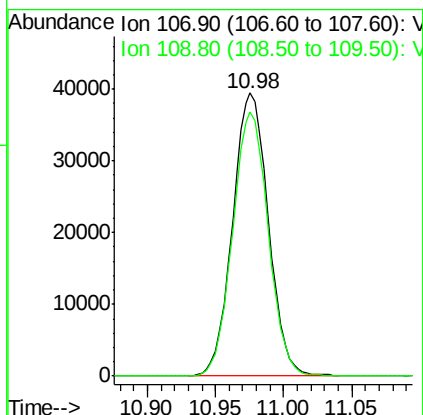
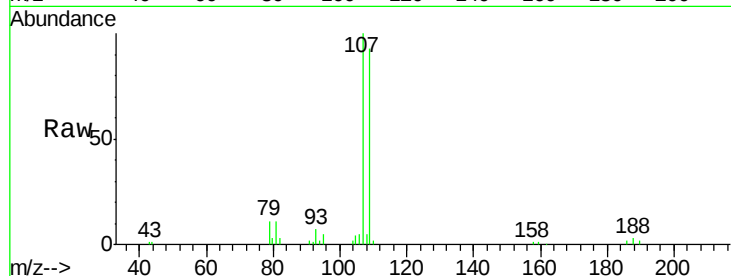




#61
 1,2-Dibromoethane
 Concen: 54.160 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

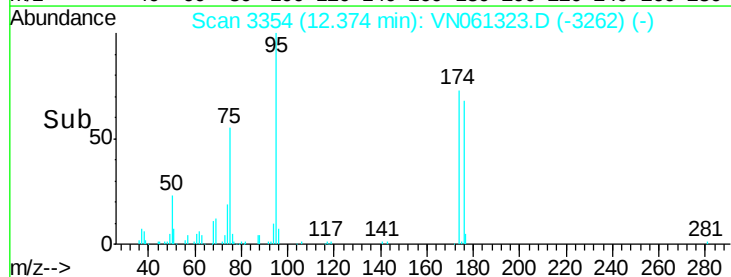
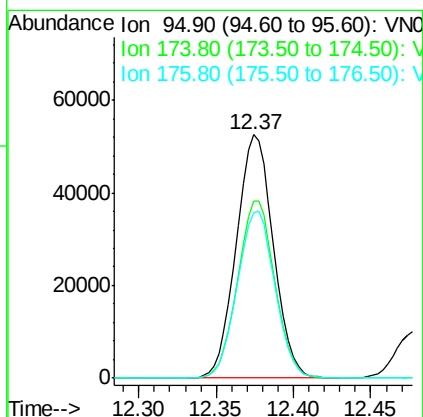
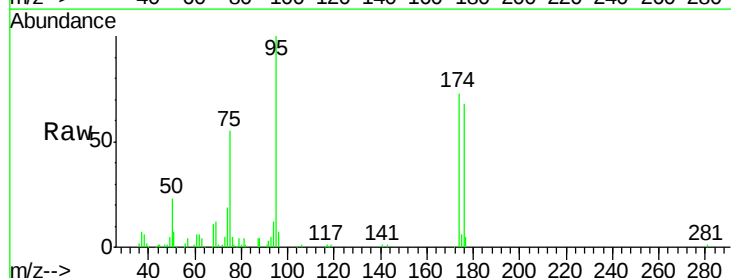
Instrument :
 MSVOA_N
 ClientSampled :

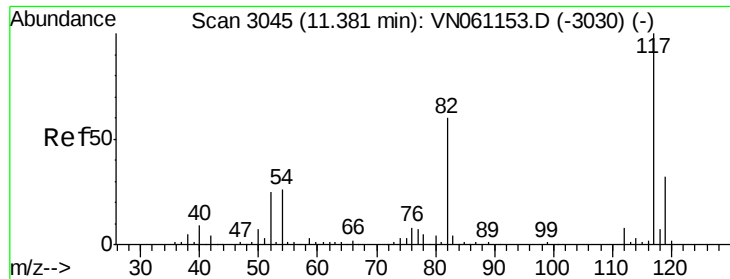
Tot Ion:107 Resp: 71720
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.265 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion: 95 Resp: 87422
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 149.4
 176 69.7 0.0 144.8

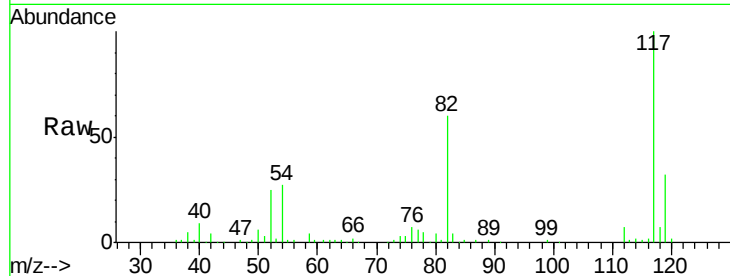




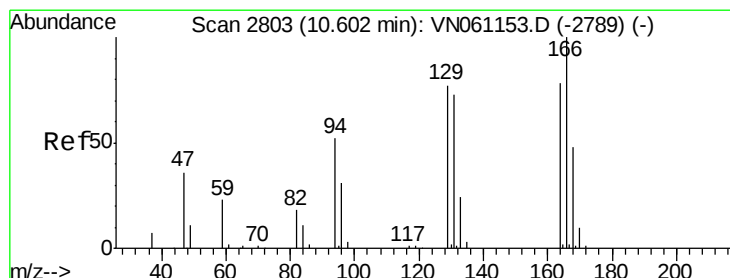
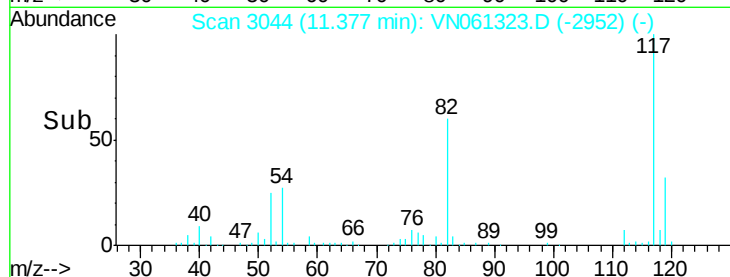
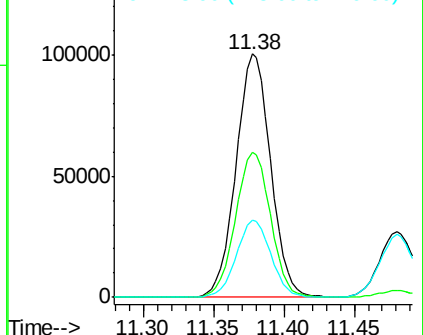
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 172717
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.5 25.8 38.6



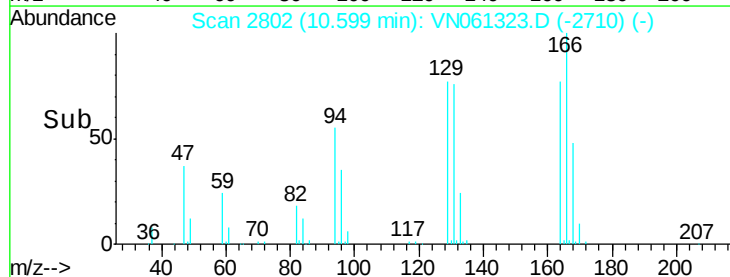
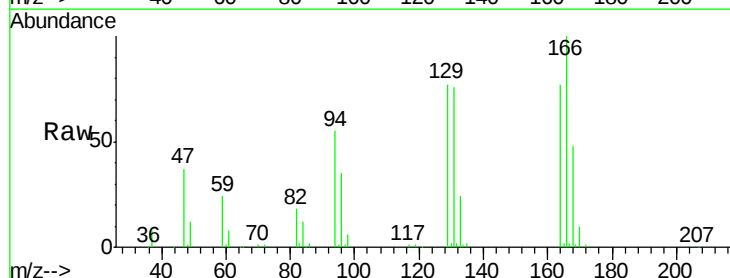
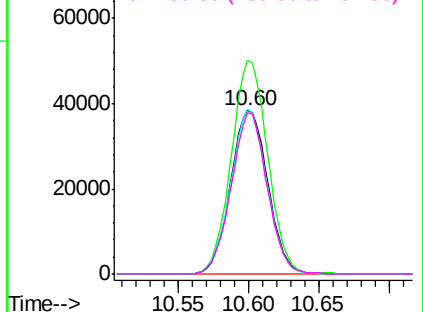
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

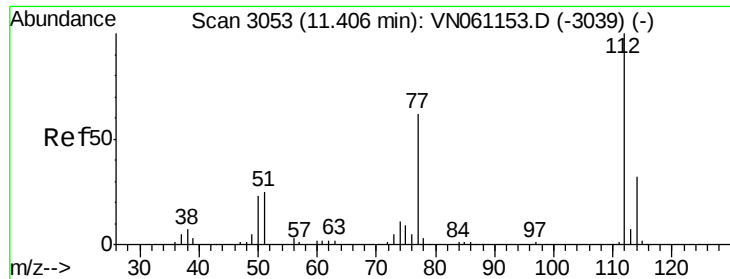


#64
Tetrachloroethene
Concen: 47.342 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion:164 Resp: 70820
Ion Ratio Lower Upper
164 100
166 130.5 102.0 153.0
129 101.0 78.2 117.2
131 98.6 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

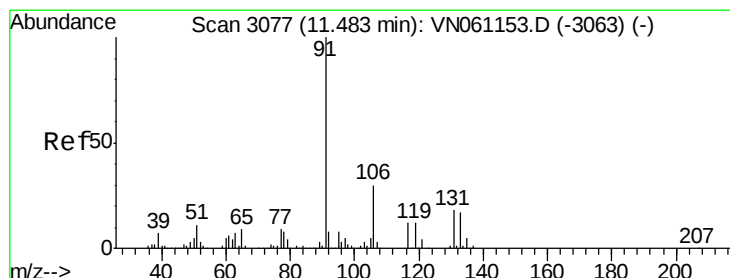
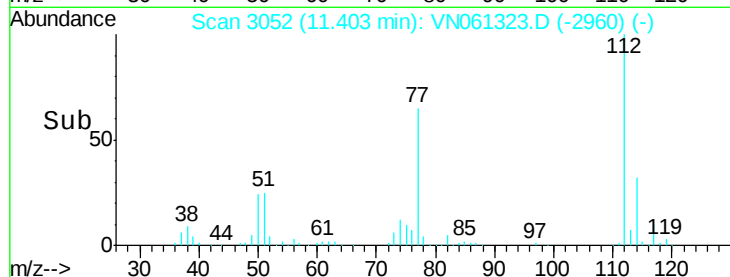
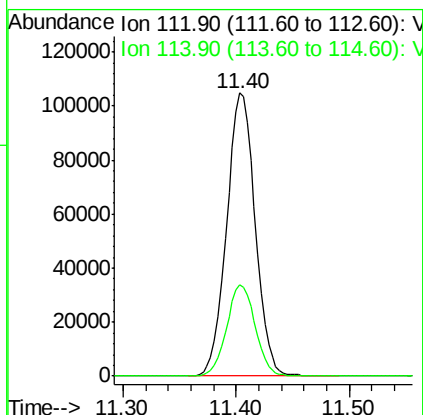
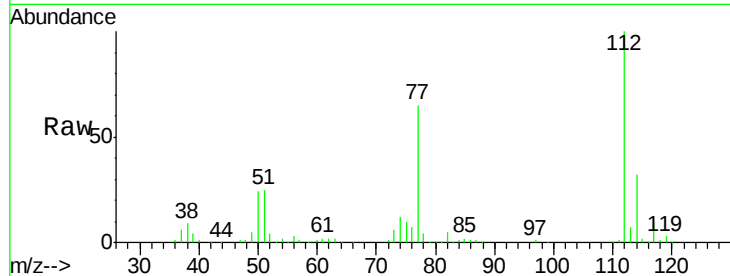




#65
Chlorobenzene
Concen: 53.672 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

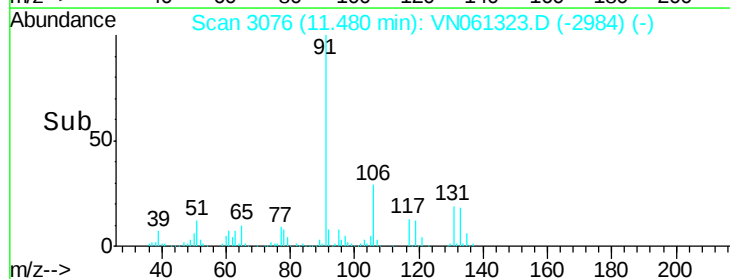
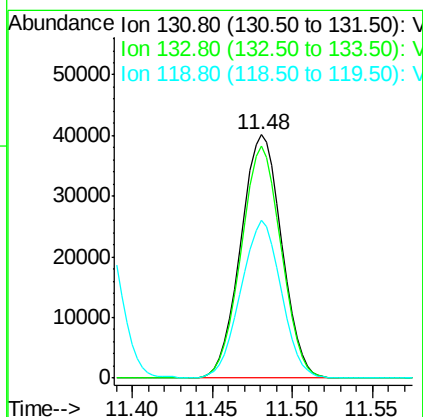
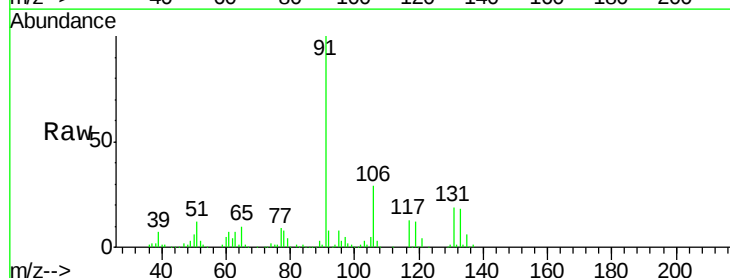
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 183889
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.270 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion:131 Resp: 70227
Ion Ratio Lower Upper
131 100
133 93.4 48.0 144.2
119 63.6 32.6 97.8





#67

Ethyl Benzene

Concen: 54.624 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

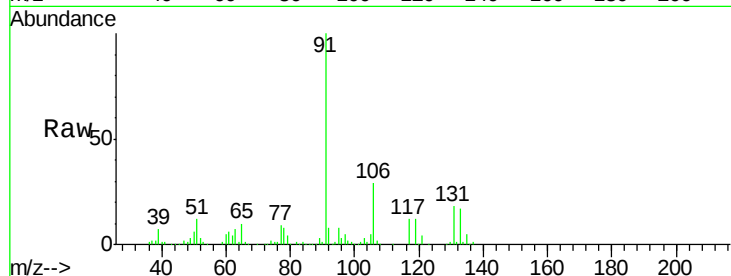
ClientSampled :

Tot Ion: 91 Resp: 350338

Ion Ratio Lower Upper

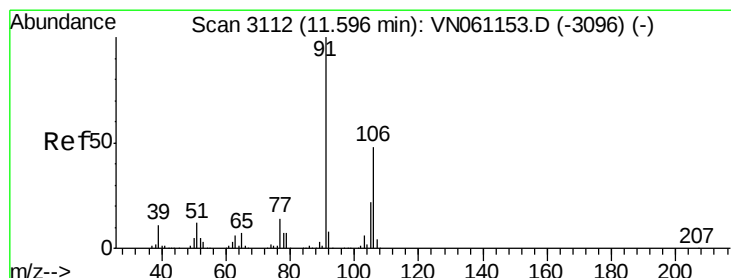
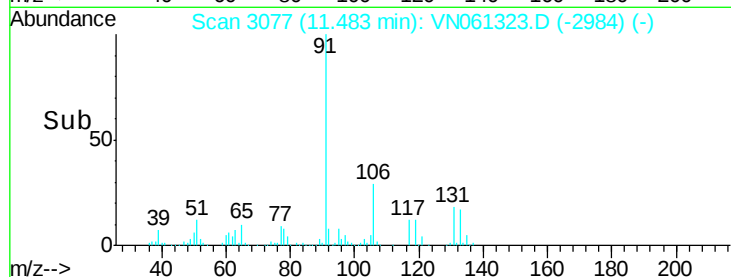
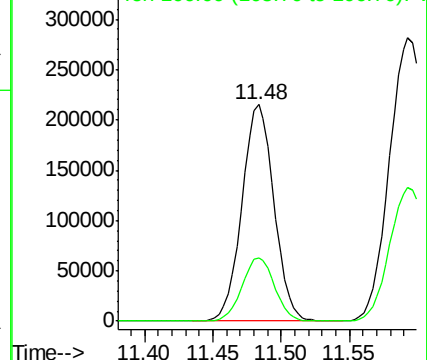
91 100

106 29.4 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.500 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061323.D

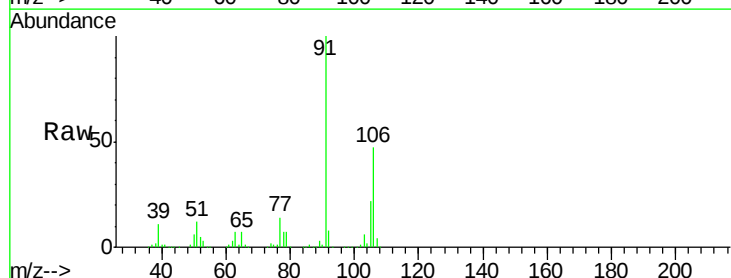
Acq: 7 May 2020 10:35

Tgt Ion:106 Resp: 257061

Ion Ratio Lower Upper

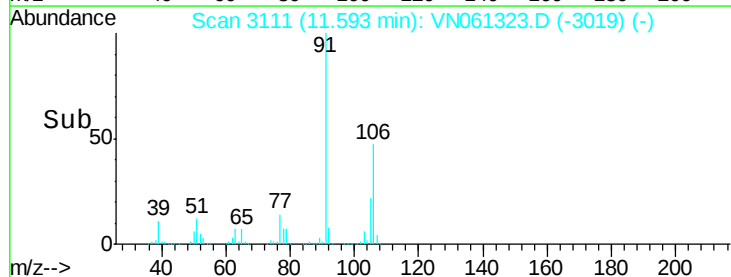
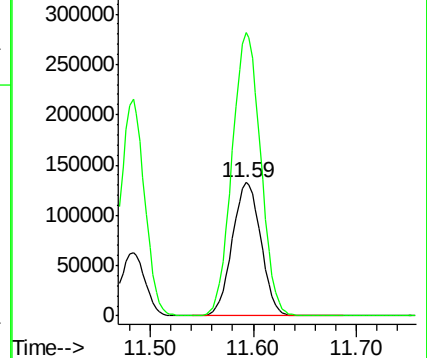
106 100

91 211.3 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

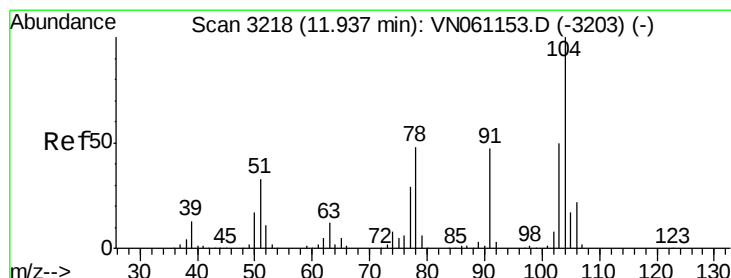
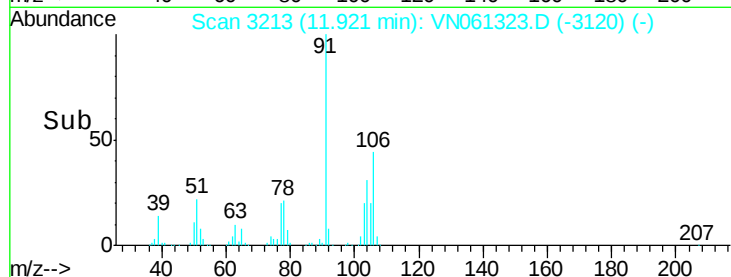
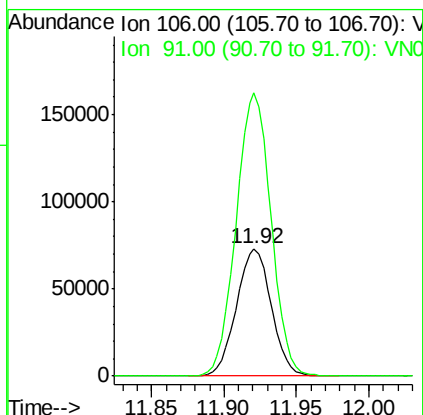
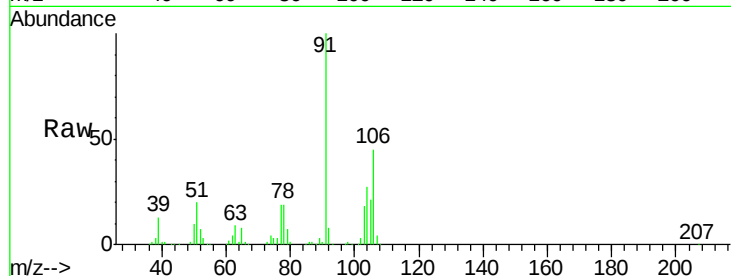




#69
o-Xylene
Concen: 54.089 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

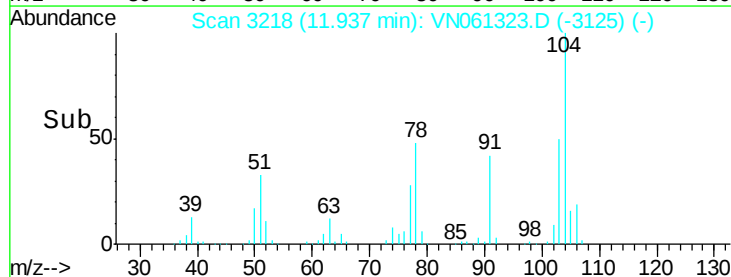
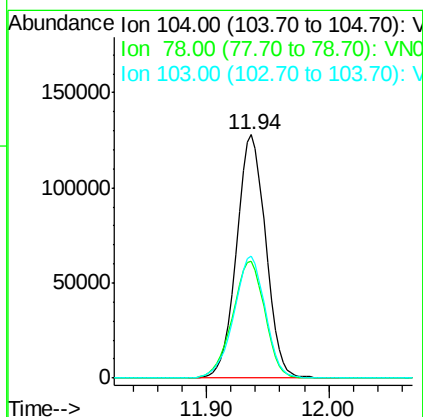
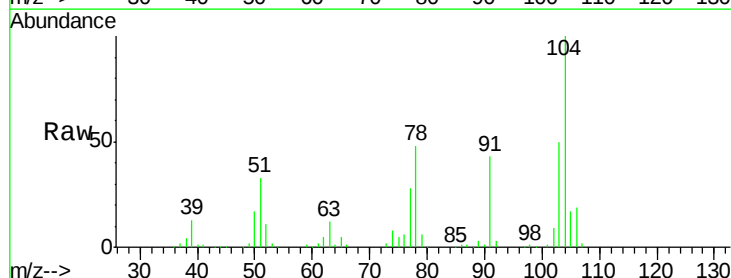
Instrument :
MSVOA_N
ClientSampled :

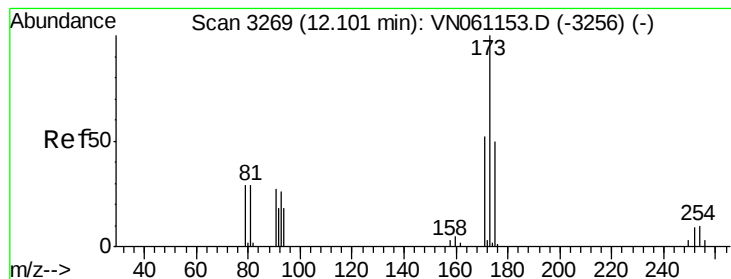
Tot Ion:106 Resp: 121971
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0



#70
Styrene
Concen: 56.105 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion:104 Resp: 211751
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 57.586 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

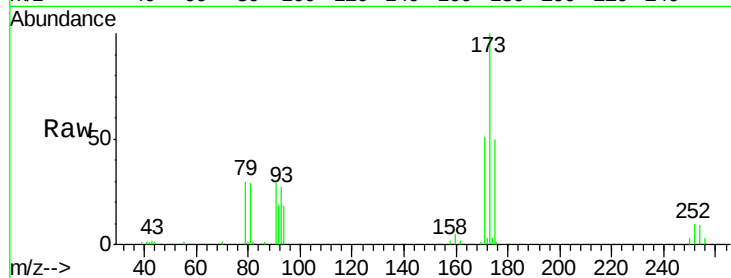
Tot Ion:173 Resp: 51898

Ion Ratio Lower Upper

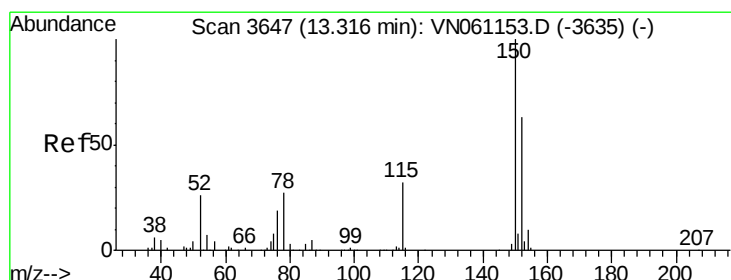
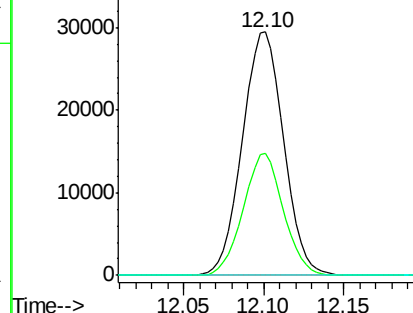
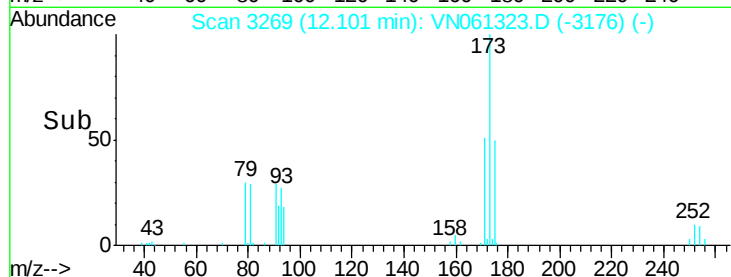
173 100

175 48.5 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: VN061323.D

Acq: 7 May 2020 10:35

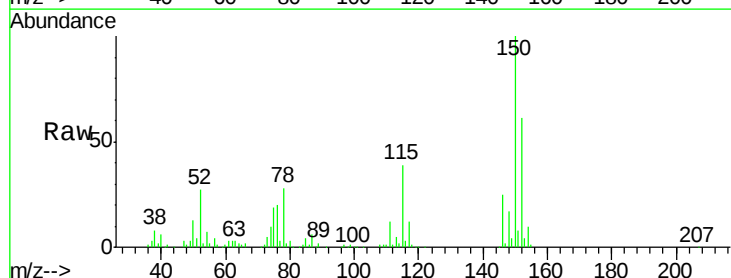
Tgt Ion:152 Resp: 83147

Ion Ratio Lower Upper

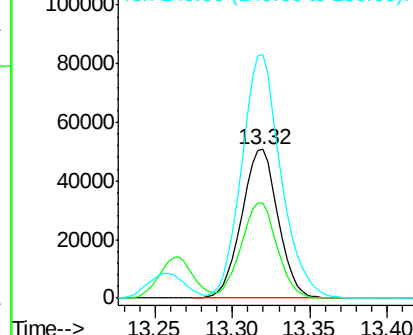
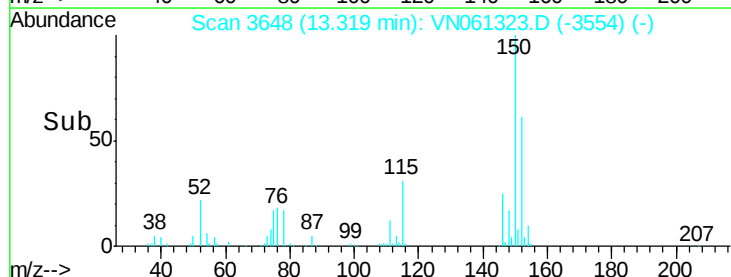
152 100

115 63.6 31.0 93.0

150 176.6 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: 54.439 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

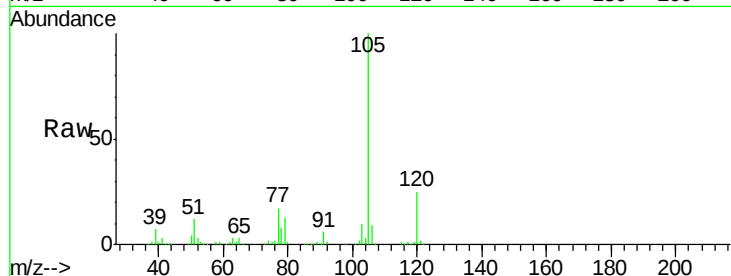
ClientSampleId :

Tot Ion:105 Resp: 332759

Ion Ratio Lower Upper

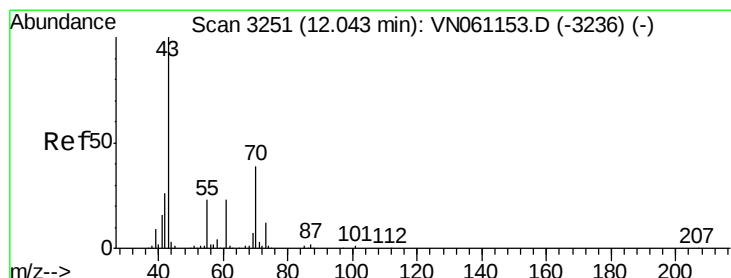
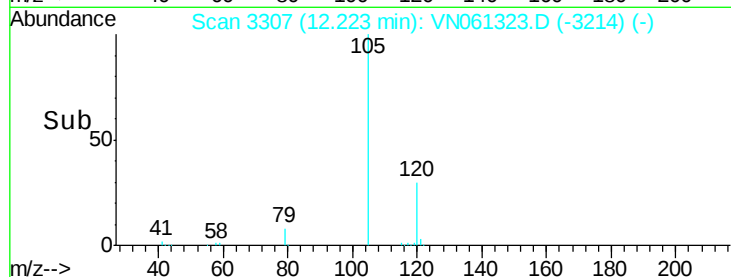
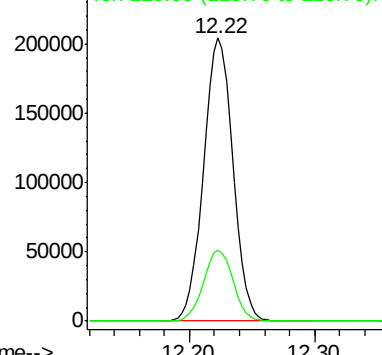
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.423 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Tgt Ion: 43 Resp: 171547

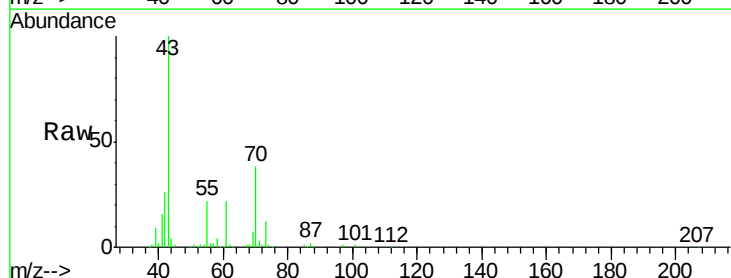
Ion Ratio Lower Upper

43 100

70 37.6 30.6 46.0

55 23.2 18.5 27.7

61 22.1 17.9 26.9

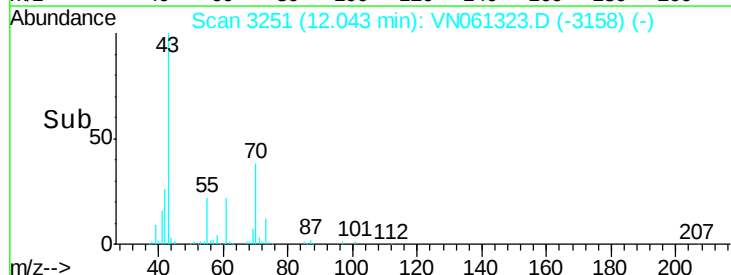
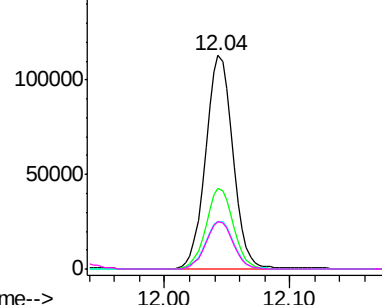


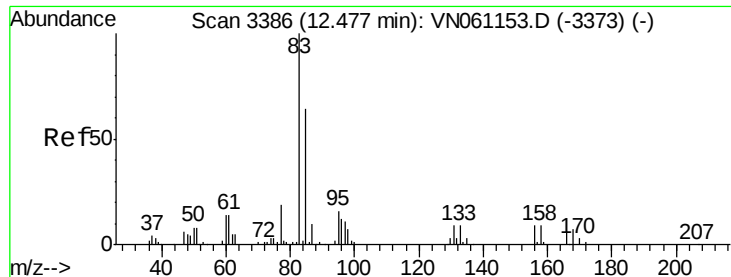
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.292 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampled :

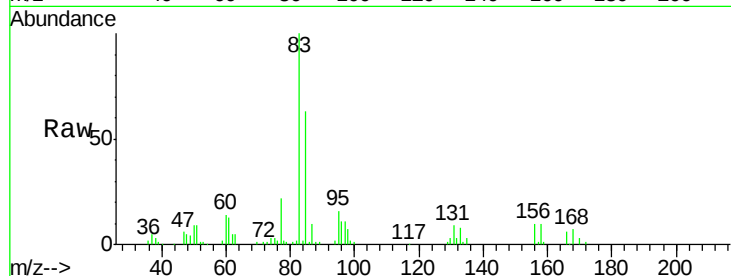
Tot Ion: 83 Resp: 103479

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

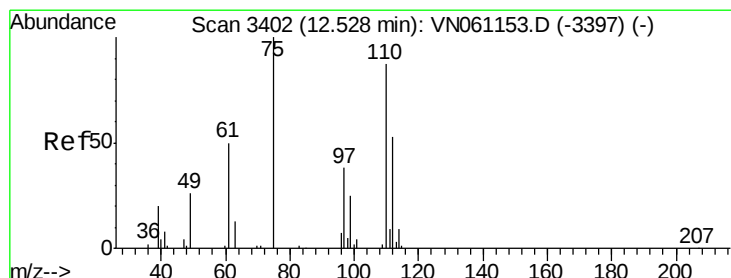
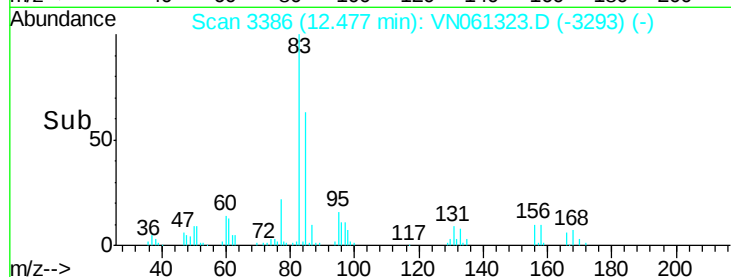
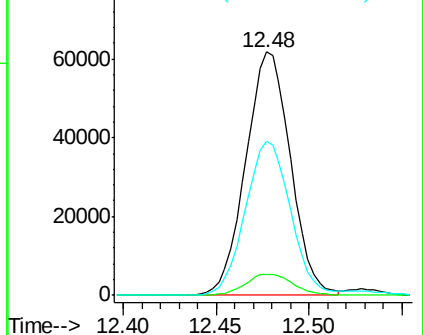
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061323.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061323.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061323.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 83.837 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061323.D

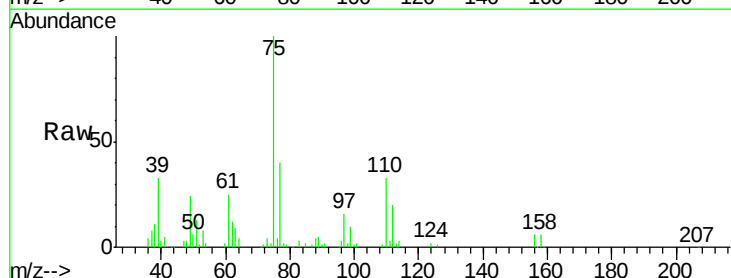
Acq: 7 May 2020 10:35

Tgt Ion: 75 Resp: 146963

Ion Ratio Lower Upper

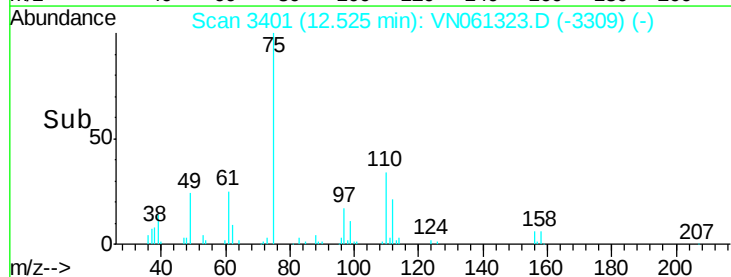
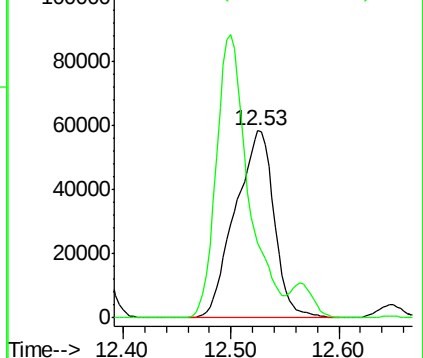
75 100

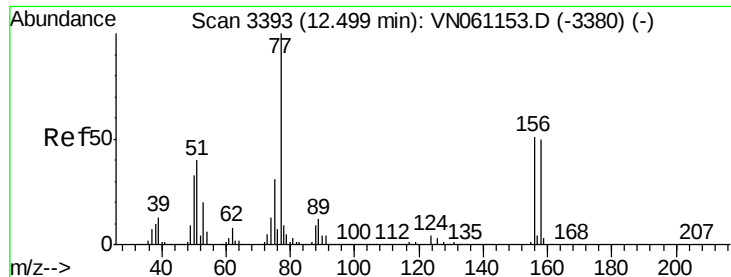
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061323.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061323.D (-3309) (-)





#77

Bromobenzene

Concen: 53.865 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

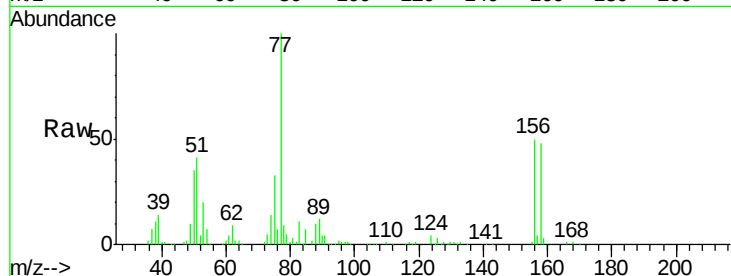
Tot Ion:156 Resp: 76006

Ion Ratio Lower Upper

156 100

77 240.7 117.4 352.2

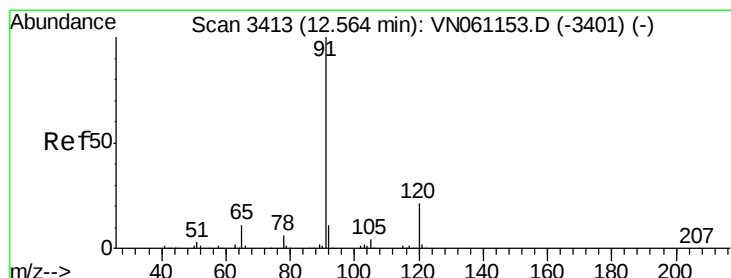
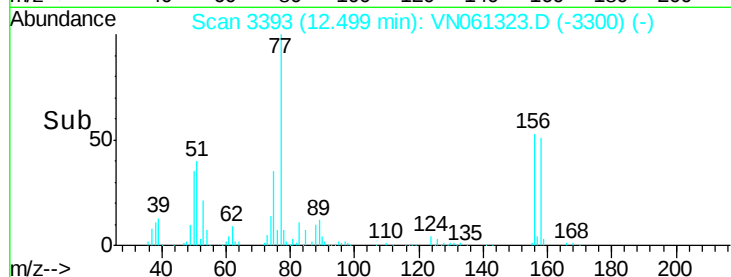
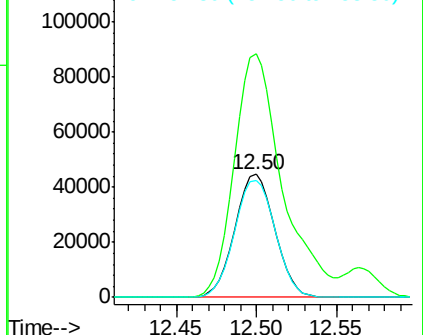
158 97.4 48.4 145.0



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: 55.163 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061323.D

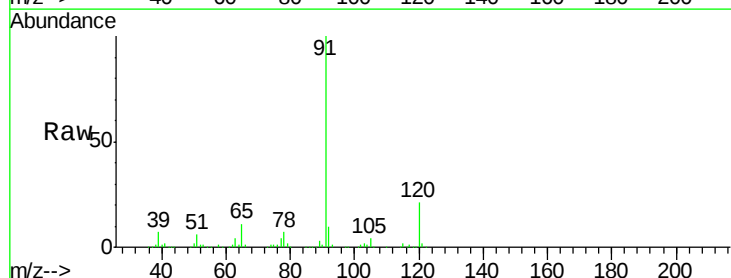
Acq: 7 May 2020 10:35

Tgt Ion: 91 Resp: 399941

Ion Ratio Lower Upper

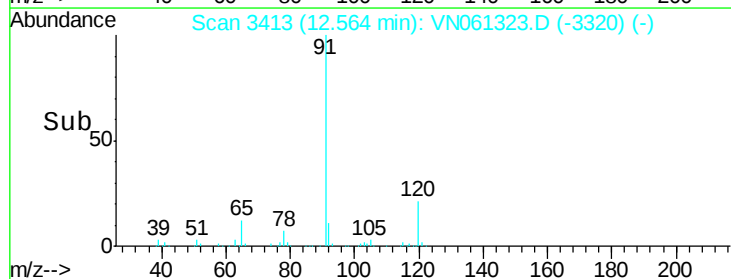
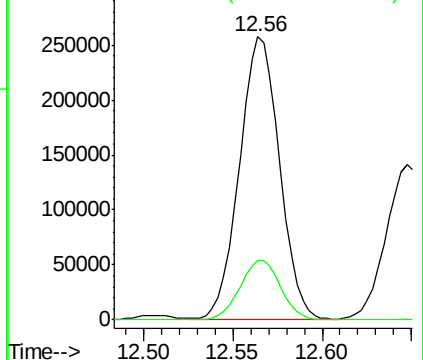
91 100

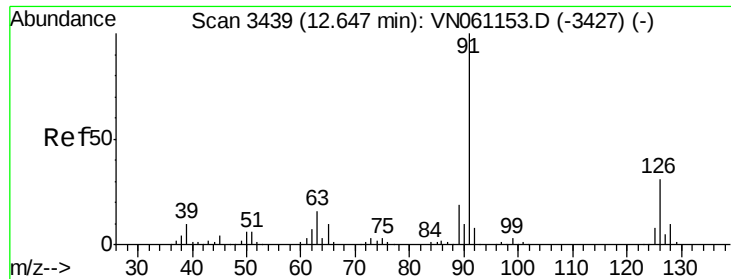
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.042 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

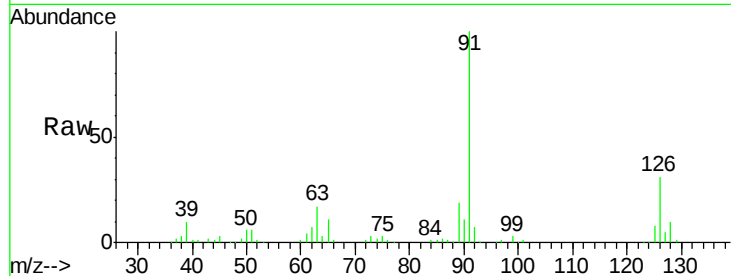
ClientSampleId :

Tot Ion: 91 Resp: 234557

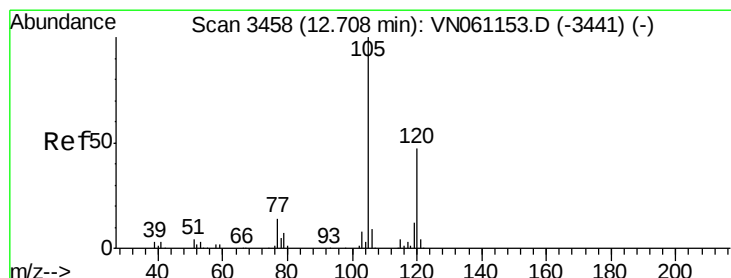
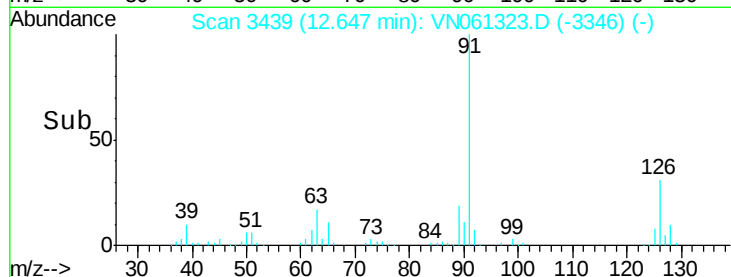
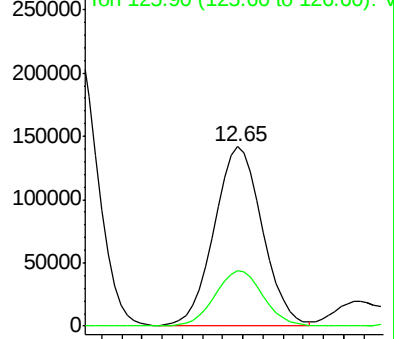
Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7



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



#80

1,3,5-Trimethylbenzene

Concen: 55.439 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061323.D

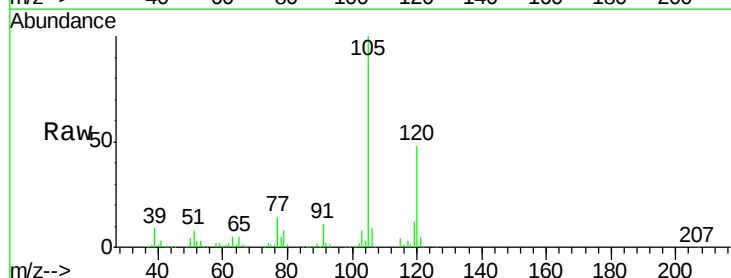
Acq: 7 May 2020 10:35

Tgt Ion:105 Resp: 280472

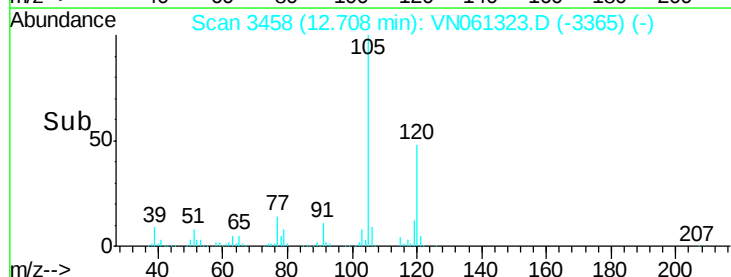
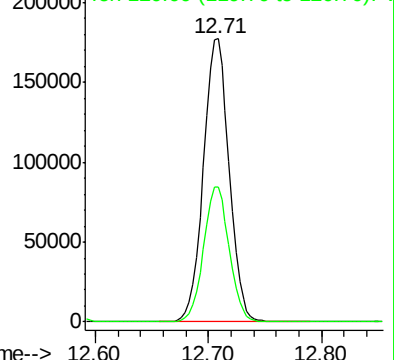
Ion Ratio Lower Upper

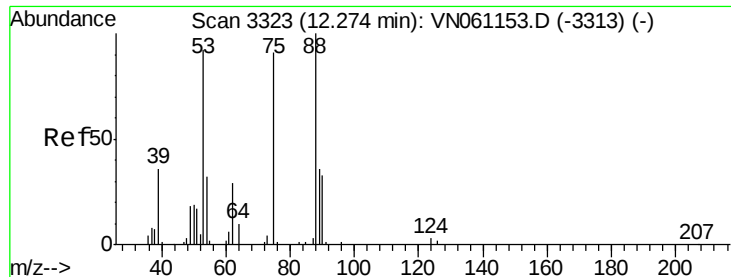
105 100

120 47.5 23.9 71.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 56.829 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

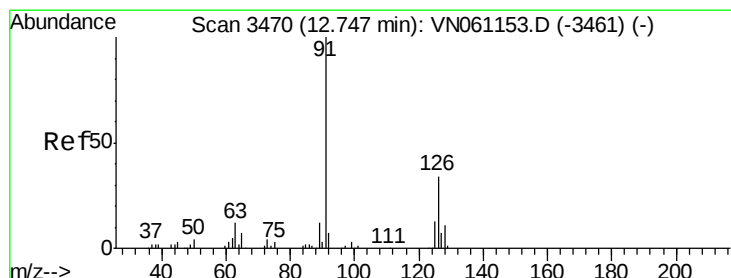
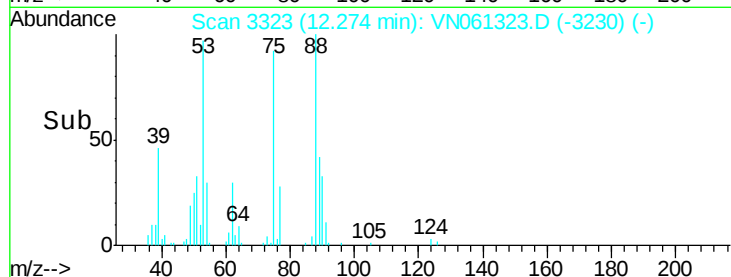
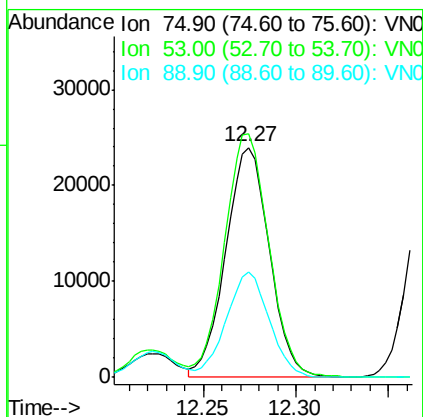
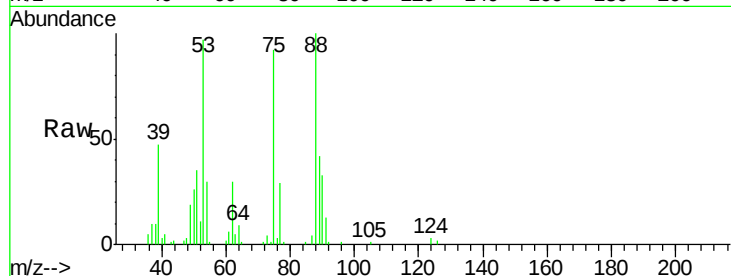
Tot Ion: 75 Resp: 39228

Ion Ratio Lower Upper

75 100

53 107.4 84.1 126.1

89 44.9 35.2 52.8



#82

4-Chlorotoluene

Concen: 55.758 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061323.D

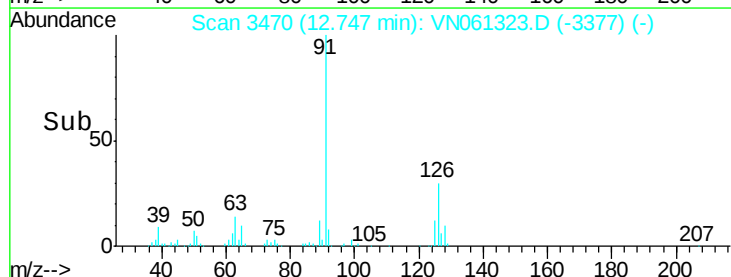
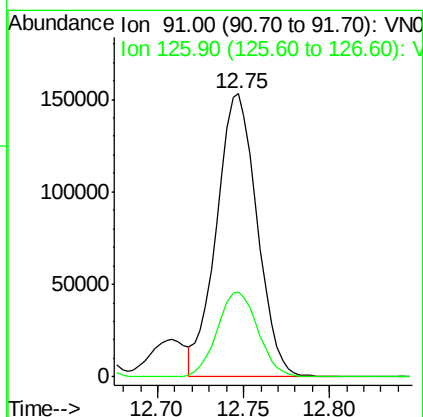
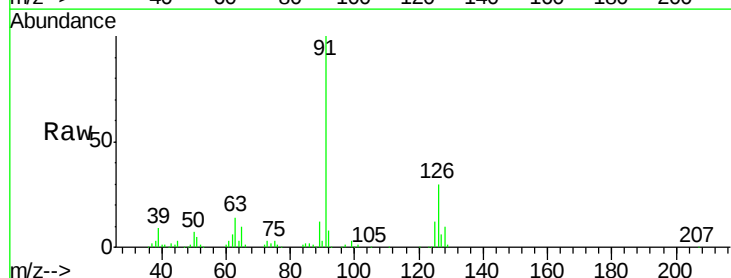
Acq: 7 May 2020 10:35

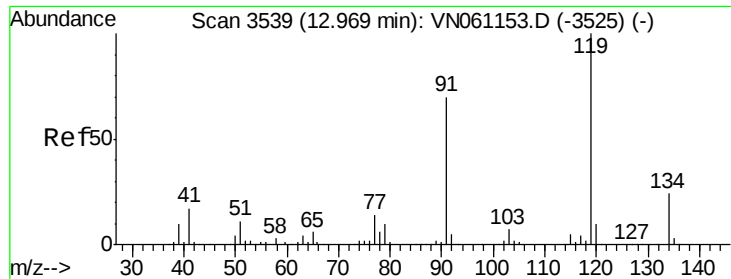
Tgt Ion: 91 Resp: 250433

Ion Ratio Lower Upper

91 100

126 30.2 15.7 47.1





#83

tert-Butylbenzene

Concen: 53.553 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

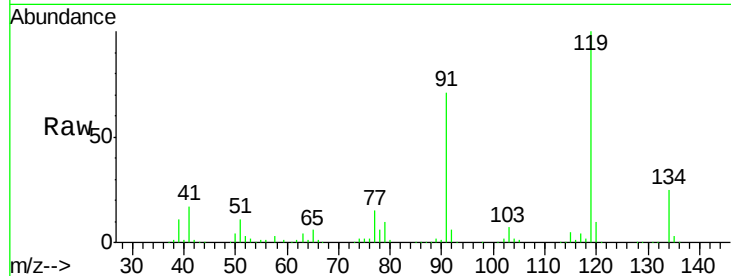
Tot Ion:119 Resp: 228450

Ion Ratio Lower Upper

119 100

91 70.2 34.8 104.4

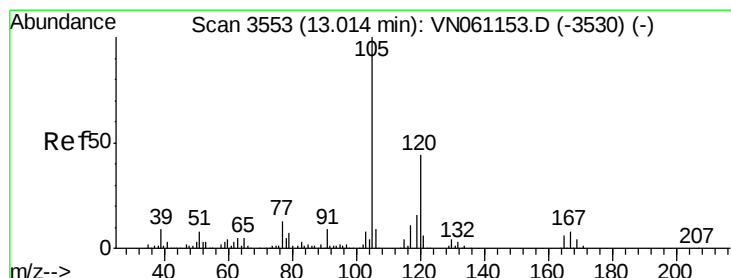
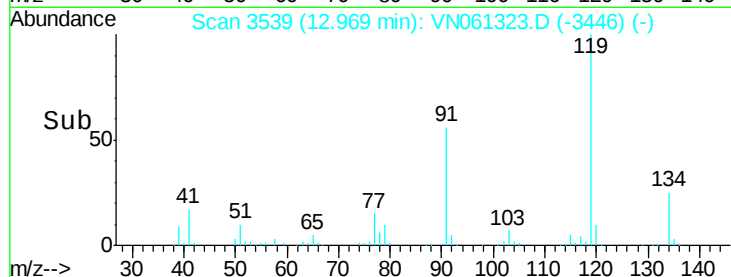
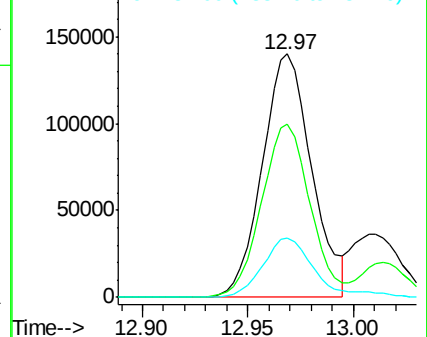
134 25.8 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.168 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.00 min

Lab File: VN061323.D

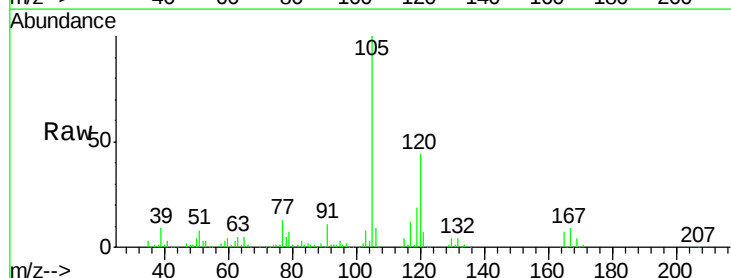
Acq: 7 May 2020 10:35

Tgt Ion:105 Resp: 282339

Ion Ratio Lower Upper

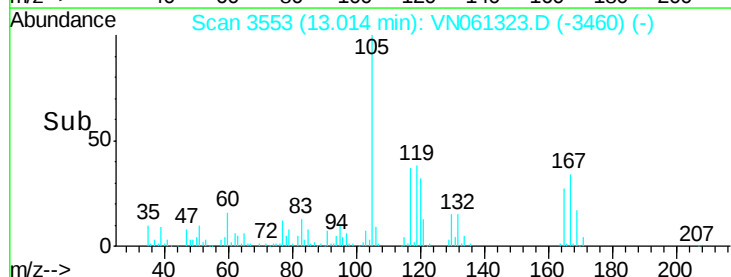
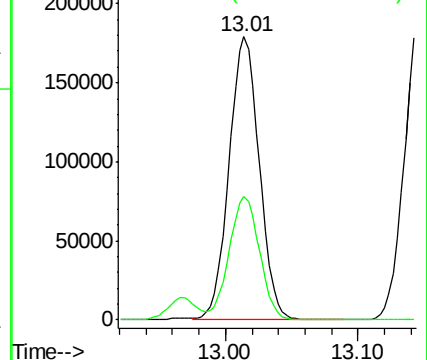
105 100

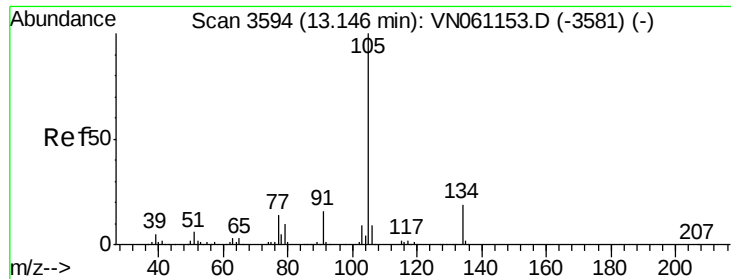
120 44.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.807 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

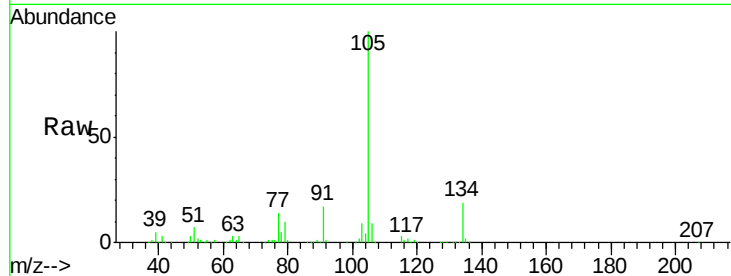
ClientSampleId :

Tot Ion:105 Resp: 307125

Ion Ratio Lower Upper

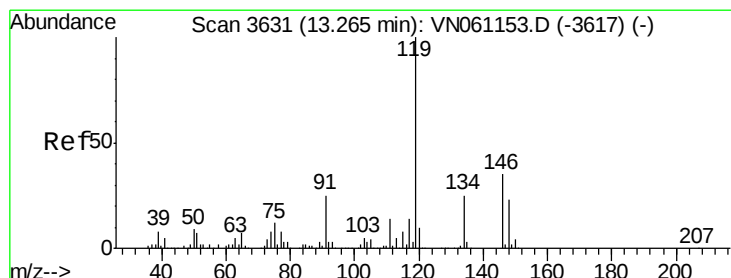
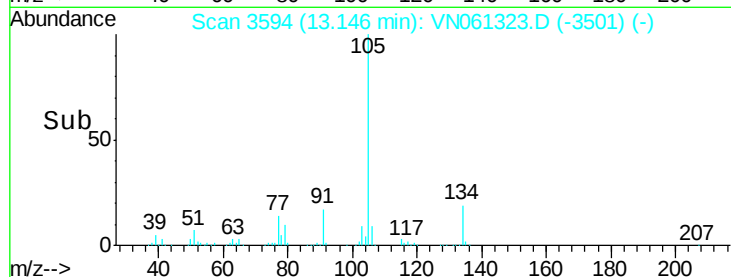
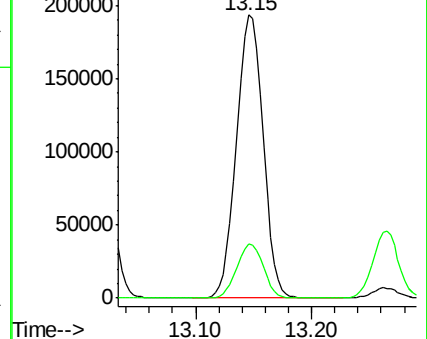
105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.164 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

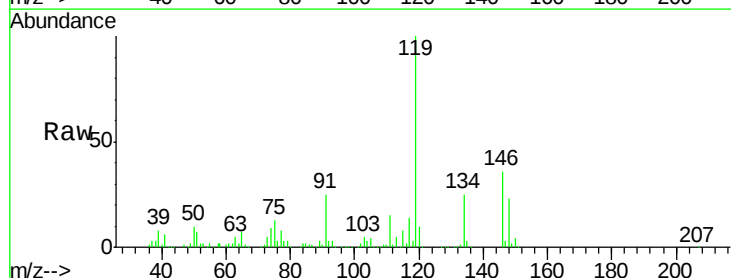
Tgt Ion:119 Resp: 283827

Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.6

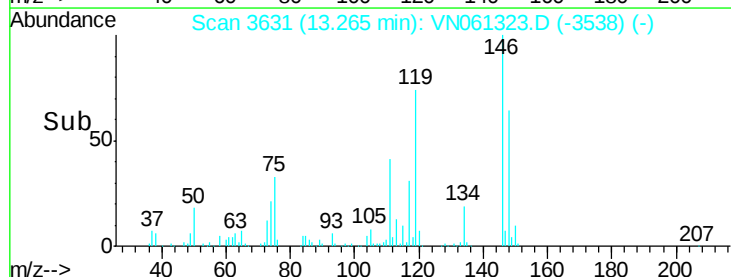
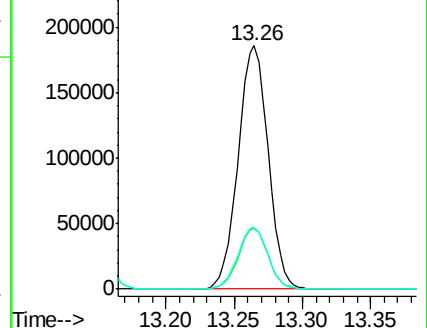
91 25.3 12.7 38.0

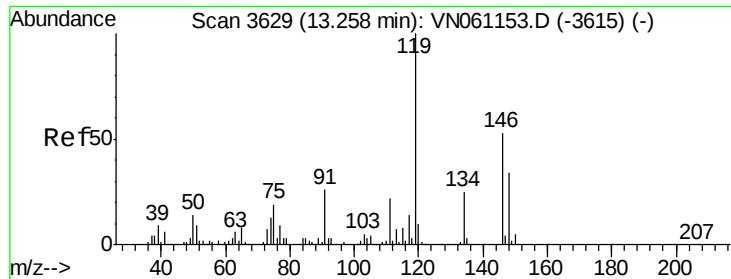


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

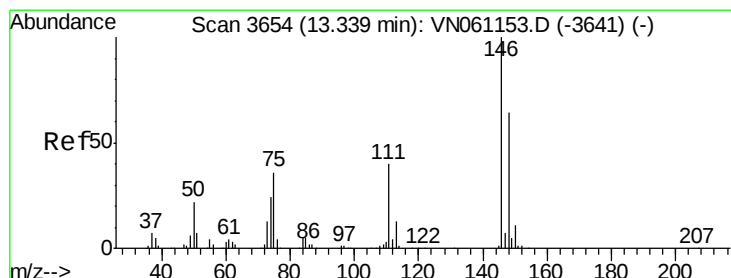
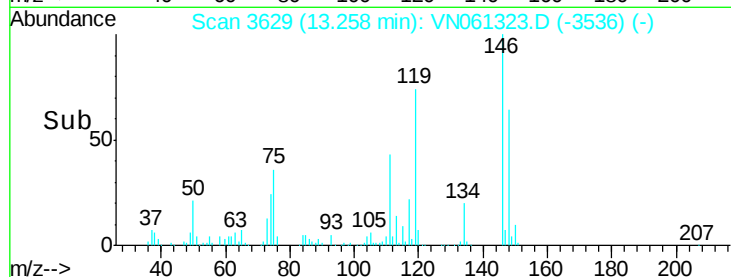
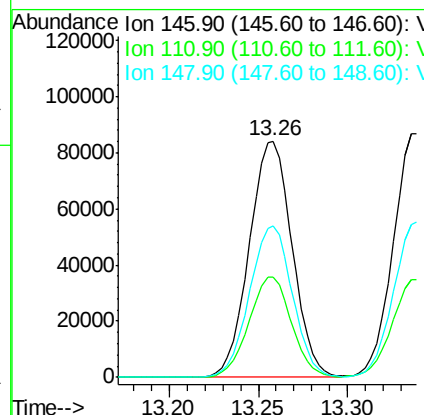
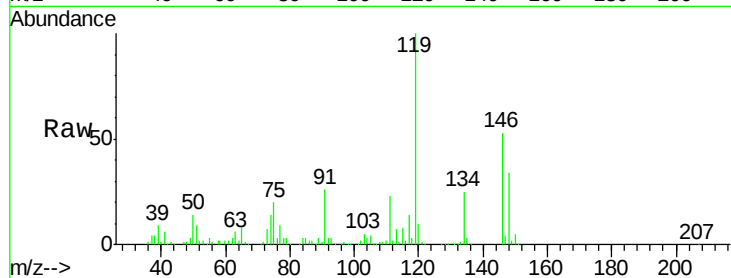




#87
 1,3-Dichlorobenzene
 Concen: 54.401 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

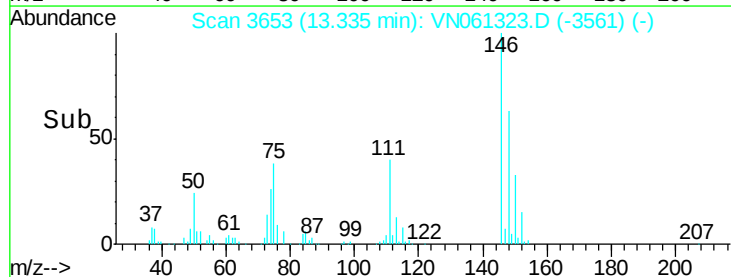
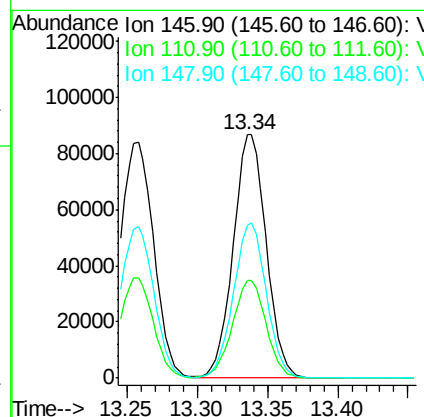
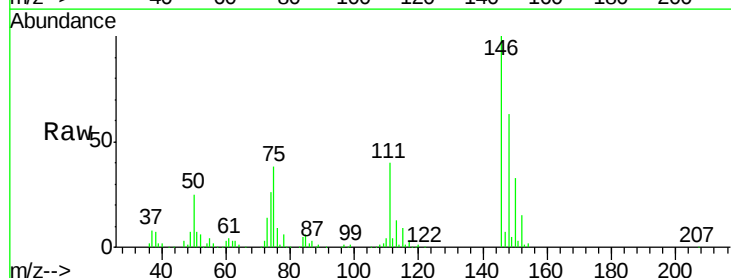
Instrument :
 MSVOA_N
 ClientSampled :

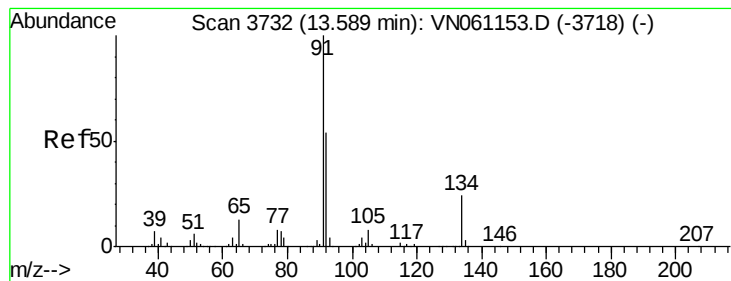
Tot Ion:146 Resp: 141314
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.7 62.1
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.623 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion:146 Resp: 142321
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 53.963 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampled :

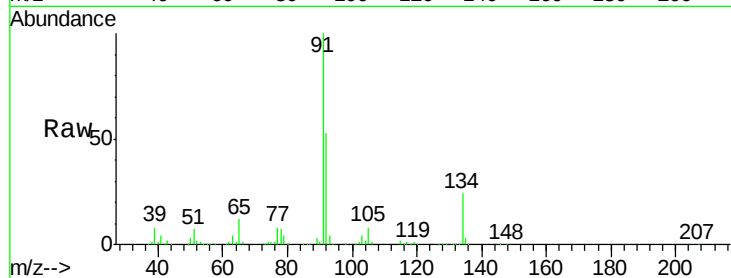
Tot Ion: 91 Resp: 259228

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

134 23.8 11.9 35.5

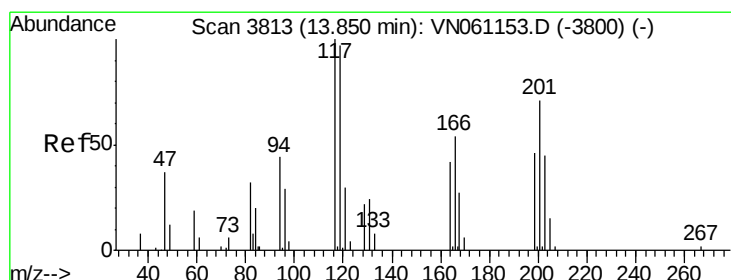
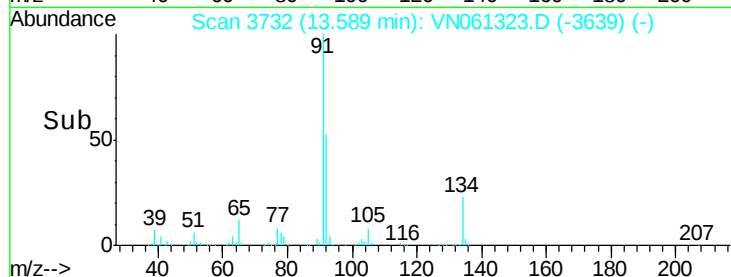


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 65.118 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061323.D

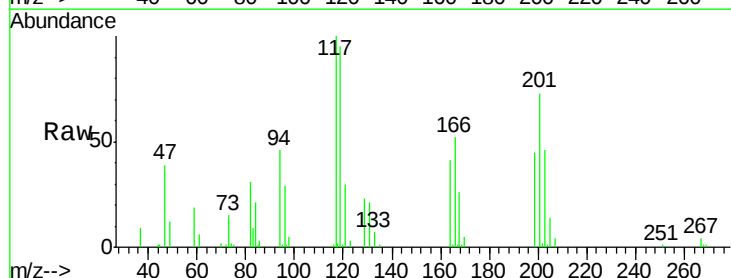
Acq: 7 May 2020 10:35

Tgt Ion: 117 Resp: 37079

Ion Ratio Lower Upper

117 100

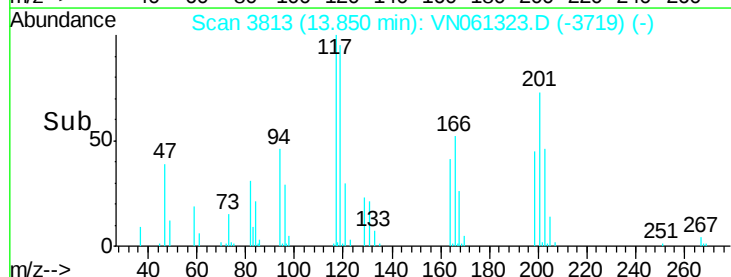
201 70.2 35.5 106.7



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

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 54.744 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

Instrument :

MSVOA_N

ClientSampleId :

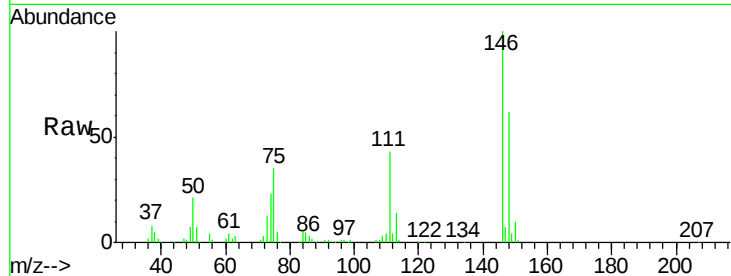
Tot Ion:146 Resp: 136351

Ion Ratio Lower Upper

146 100

111 42.9 21.8 65.3

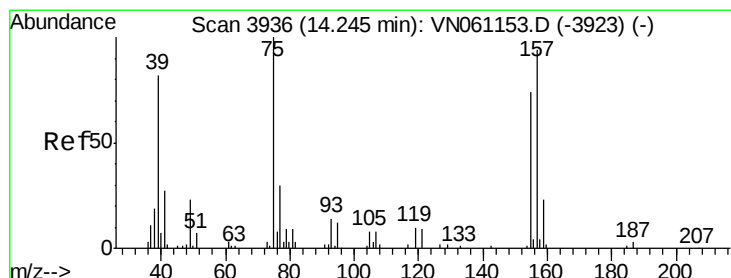
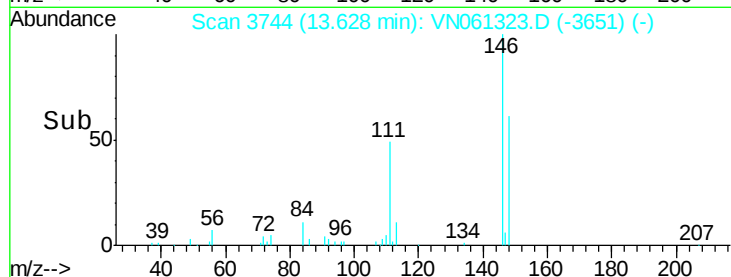
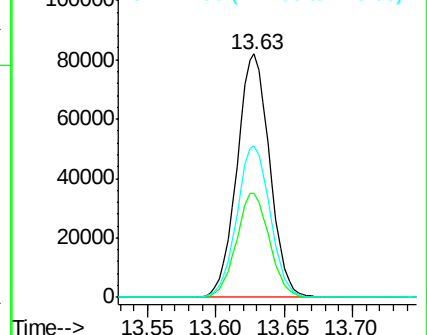
148 63.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.877 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061323.D

Acq: 7 May 2020 10:35

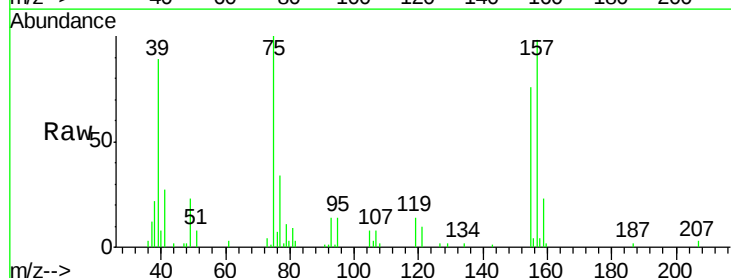
Tgt Ion: 75 Resp: 21285

Ion Ratio Lower Upper

75 100

155 73.2 36.5 109.7

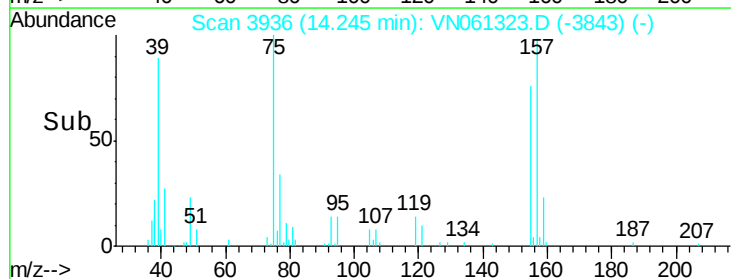
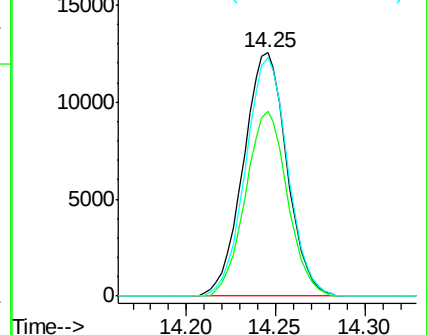
157 95.3 46.6 139.7

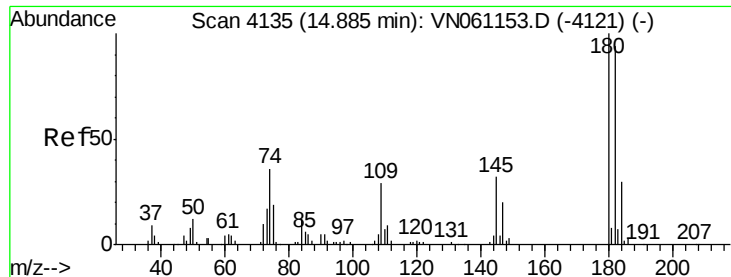


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

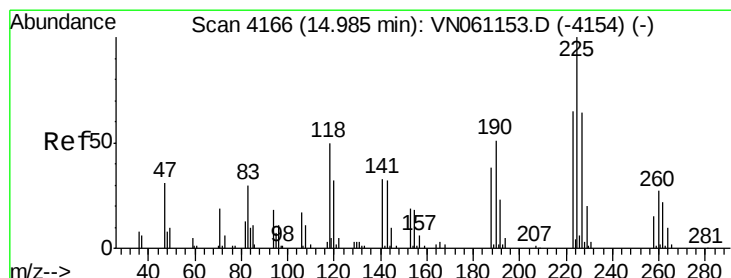
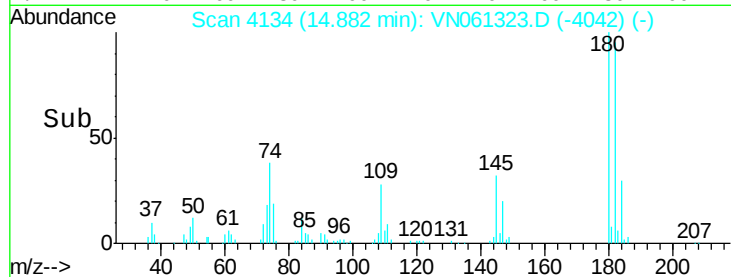
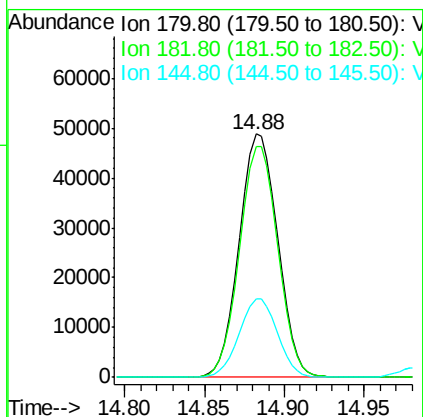
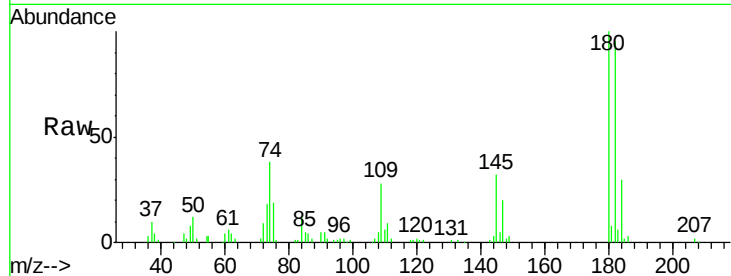




#93
 1,2,4-Trichlorobenzene
 Concen: 52.931 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

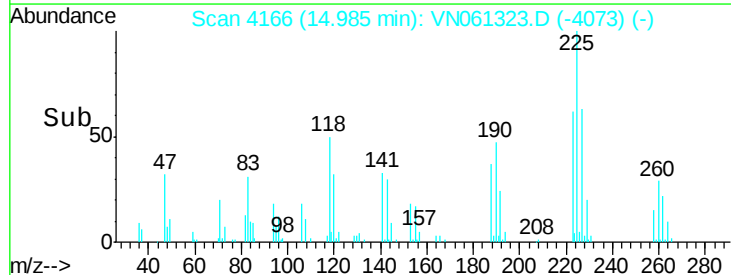
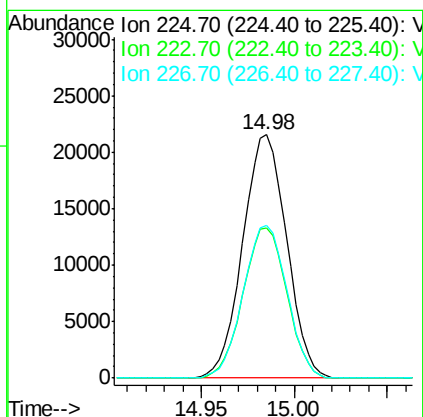
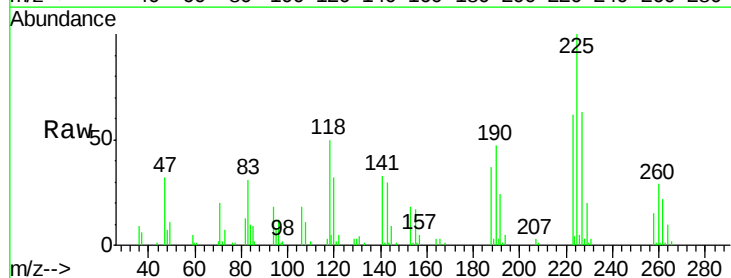
Instrument :
 MSVOA_N
 ClientSampleId :

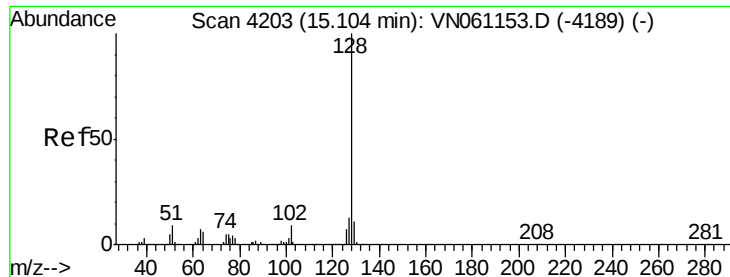
Tot Ion:180 Resp: 80280
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 32.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 55.960 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061323.D
 Acq: 7 May 2020 10:35

Tgt Ion:225 Resp: 35458
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.4 97.0
 227 62.4 32.4 97.0

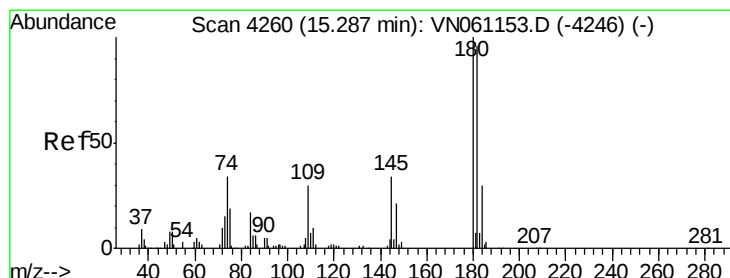
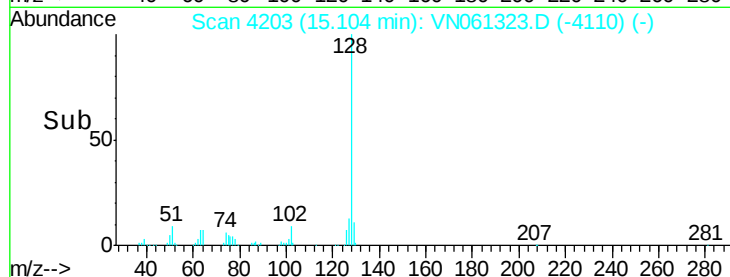
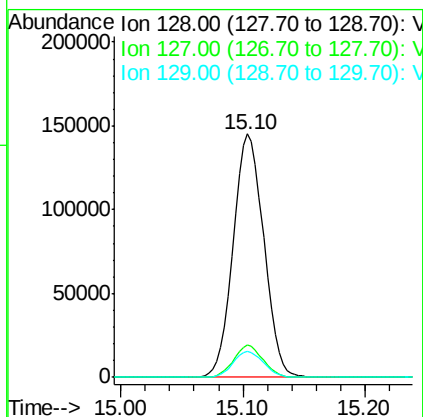
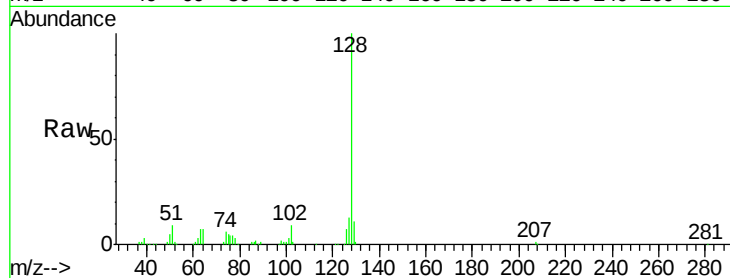




#95
Naphthalene
Concen: 51.218 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 252988
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.709 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061323.D
Acq: 7 May 2020 10:35

Tgt Ion:180 Resp: 77432
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 34.3 16.9 50.7

