

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061484.D
 Acq On : 19 May 2020 15:33
 Operator : JC/MD
 Sample : L2679-07
 Misc : 6.46µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 20 02:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	310350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	544176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	366239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	196620	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	
35) Dibromofluoromethane	7.54	113	142282	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.06	98	666807	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.38	95	291867	59.08	ug/l	0.00
Spiked Amount			Recovery	=	118.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1228	0.292	ug/l	97
5) Bromomethane	2.53	94	133	Below Cal	#	67
10) Methyl Iodide	3.90	142	2937	0.795	ug/l #	91
11) Tert butyl alcohol	4.68	59	1341	2.513	ug/l #	73
13) Acrolein	3.72	56	30	Below Cal	#	1
16) Acetone	3.78	43	1717	Below Cal		97
17) Carbon Disulfide	3.99	76	633	Below Cal	#	75
18) Methyl Acetate	4.27	43	5410	0.646	ug/l #	84
25) 2-Butanone	6.80	43	3455	1.638	ug/l	95
31) Cyclohexane	7.62	56	10482	Below Cal	#	19
36) 1,1-Dichloropropene	7.62	75	23965	4.710	ug/l #	51
38) Carbon Tetrachloride	7.62	117	32824	7.006	ug/l #	15
39) Methylcyclohexane	9.04	83	37974	6.110	ug/l	100
43) Isopropyl Acetate	8.10	43	1921	0.239	ug/l #	52
48) Methyl methacrylate	9.11	41	7273	1.956	ug/l #	41
51) 4-Methyl-2-Pentanone	10.06	43	5834	1.331	ug/l #	15
53) t-1,3-Dichloropropene	10.21	75	6672	1.074	ug/l #	56
54) cis-1,3-Dichloropropene	9.56	75	3588	0.543	ug/l #	53
55) 1,1,2-Trichloroethane	10.50	97	29550	7.939	ug/l #	21
56) Ethyl methacrylate	10.40	69	8596	1.477	ug/l #	20
59) 2-Hexanone	10.69	43	50995	16.077	ug/l #	27
67) Ethyl Benzene	11.48	91	5020	0.255	ug/l #	11
68) m/p-Xylenes	11.59	106	5204	0.696	ug/l	79
71) Bromoform	12.02	173	328	2.125	ug/l #	1
73) Isopropylbenzene	12.22	105	86814	2.953	ug/l	85
74) N-amyl acetate	12.02	43	48475	4.504	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.44	83	7584	0.938	ug/l #	51
76) 1,2,3-Trichloropropane	12.63	75	7375	0.938	ug/l #	100
77) Bromobenzene	12.47	156	1789848	280.506	ug/l #	1
78) n-propylbenzene	12.56	91	238895	7.131	ug/l	95
79) 2-Chlorotoluene	12.56	91	238895	12.065	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.87	105	10721	0.445	ug/l	83
81) trans-1,4-Dichloro-2-buten	12.38	75	155645	52.540	ug/l #	13
82) 4-Chlorotoluene	12.56	91	238895	11.652	ug/l #	43

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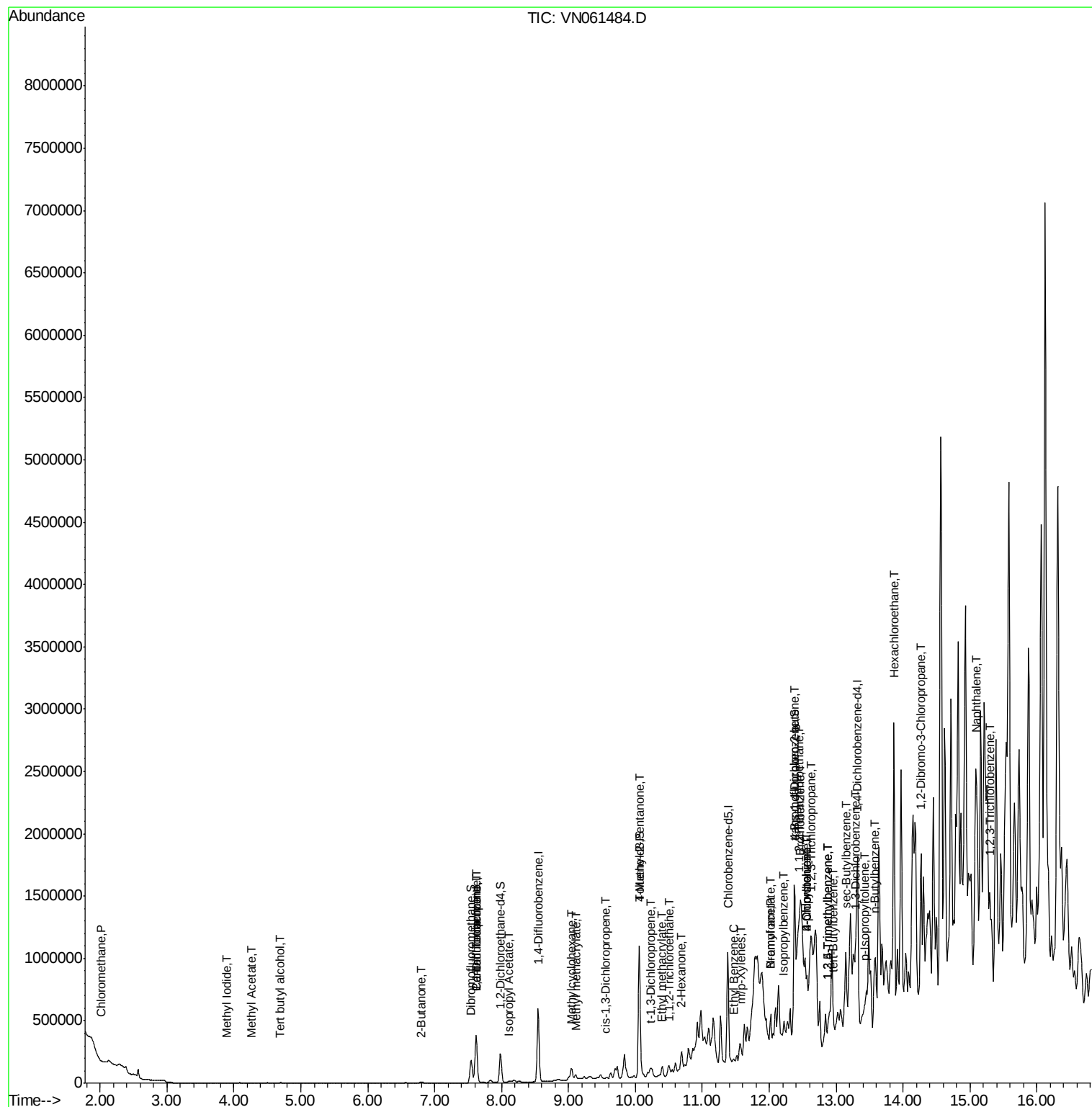
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.97	119	11227	0.544	ug/l #	78
84) 1,2,4-Trimethylbenzene	12.87	105	10579	0.439	ug/l	88
85) sec-Butylbenzene	13.15	105	283862	10.180	ug/l	87
86) p-Isopropyltoluene	13.42	119	59319	2.396	ug/l	86
87) 1,3-Dichlorobenzene	13.27	146	4215	0.361	ug/l #	41
89) n-Butylbenzene	13.59	91	276333	12.284	ug/l #	79
90) Hexachloroethane	13.86	117	110572	32.951	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.26	75	2911	1.782	ug/l #	12
95) Naphthalene	15.10	128	620736	32.147	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	2407	0.398	ug/l #	12

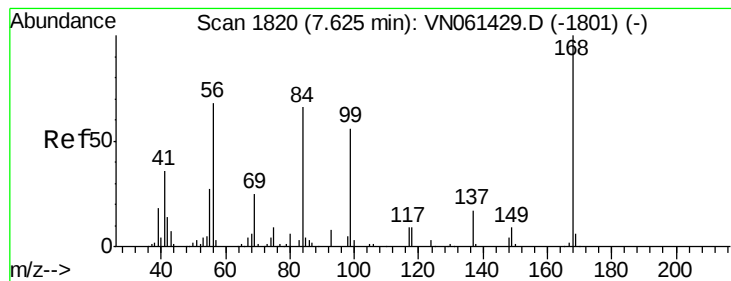
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

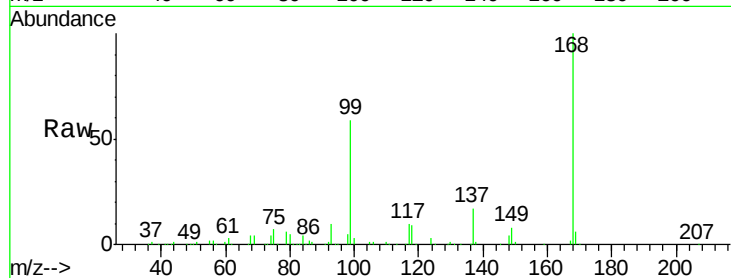
ClientSampleId :

Tot Ion:168 Resp: 310350

Ion Ratio Lower Upper

168 100

99 58.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

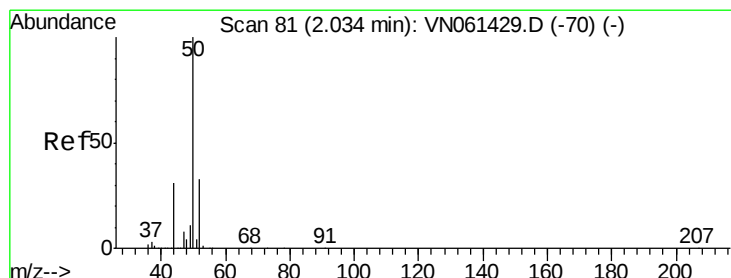
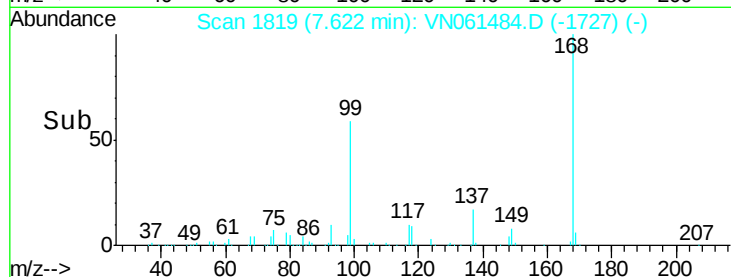
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.292 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061484.D

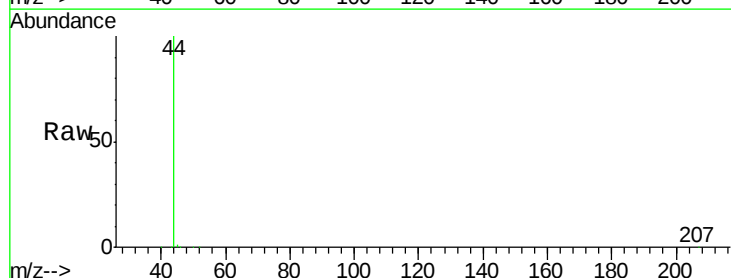
Acq: 19 May 2020 15:33

Tgt Ion: 50 Resp: 1228

Ion Ratio Lower Upper

50 100

52 35.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

800

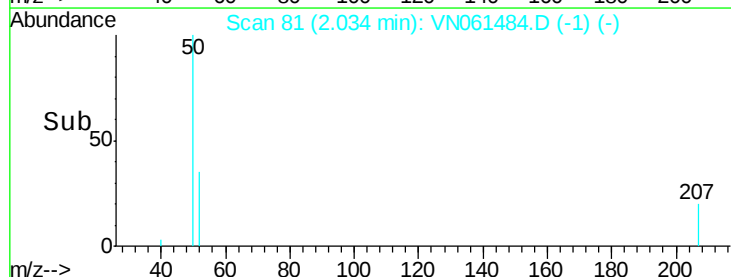
600

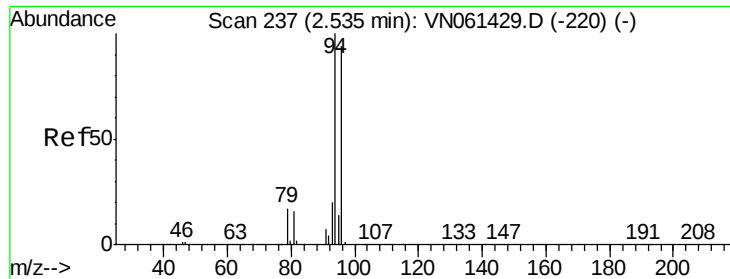
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

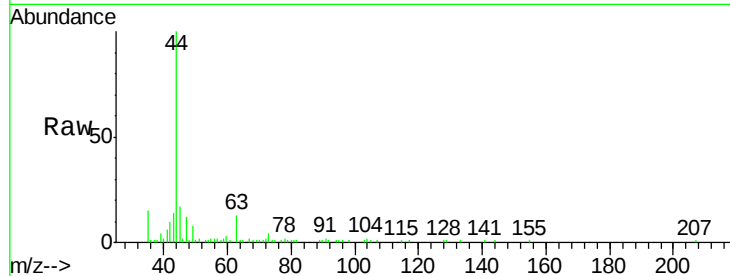
ClientSampled :

Tot Ion: 94 Resp: 133

Ion Ratio Lower Upper

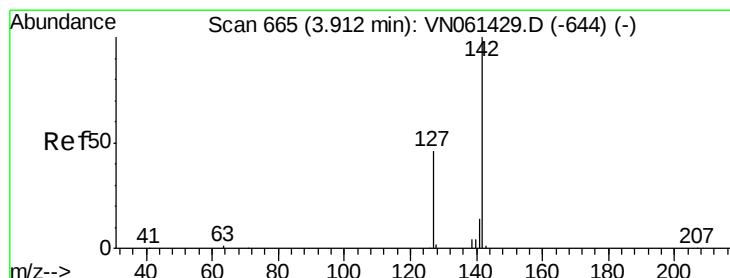
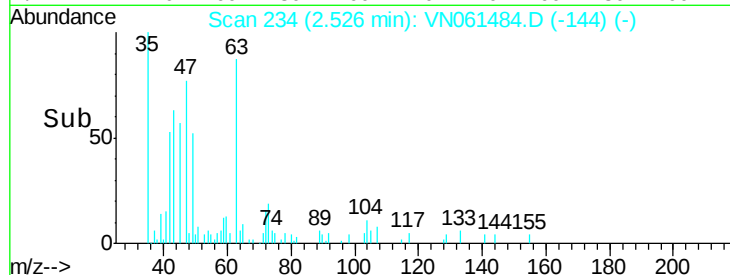
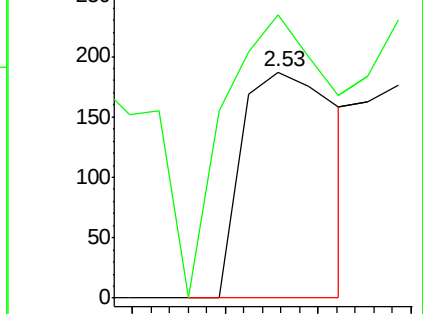
94 100

96 125.1 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.795 ug/l

RT: 3.90 min Scan# 661

Delta R.T. -0.01 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

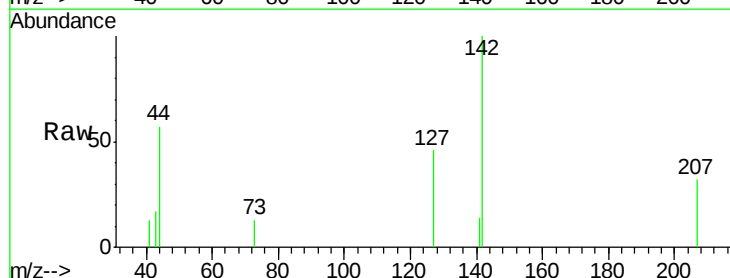
Tgt Ion: 142 Resp: 2937

Ion Ratio Lower Upper

142 100

127 44.4 36.7 55.1

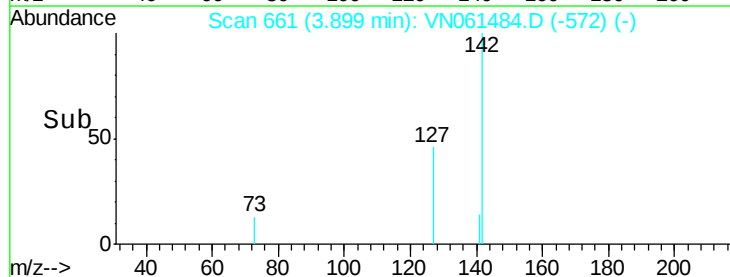
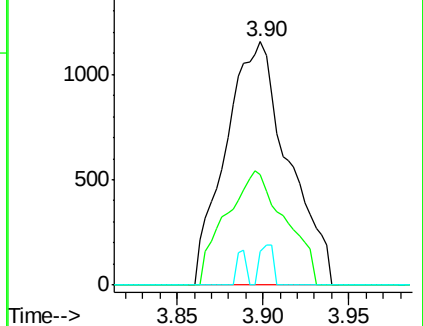
141 2.1 11.5 17.3#

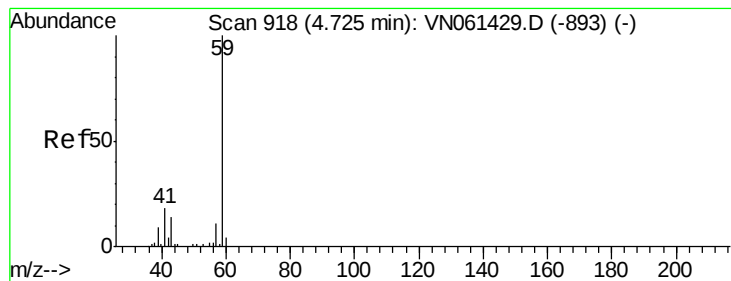


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



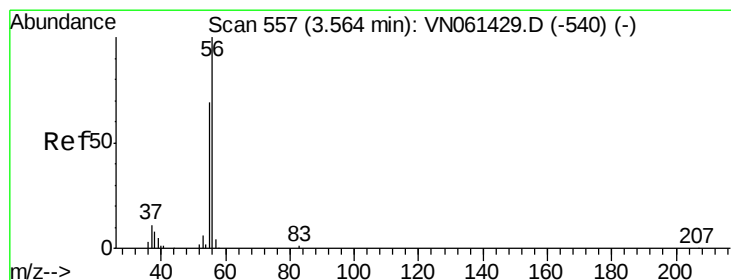
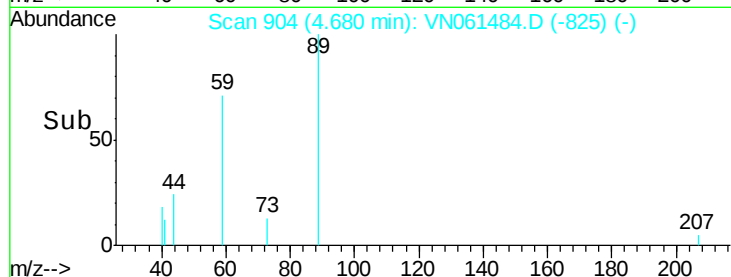
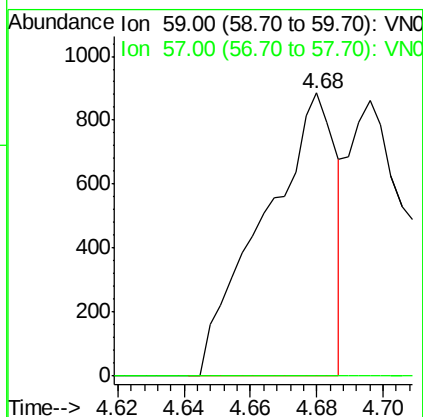
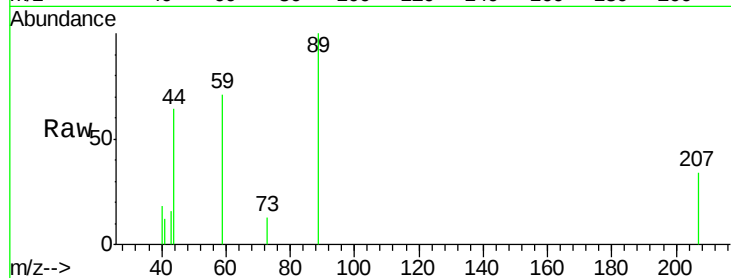


#11

Tert butyl alcohol
 Concen: 2.513 ug/l
 RT: 4.68 min Scan# 904
 Delta R.T. -0.05 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Instrument :
 MSVOA_N
 ClientSampled :

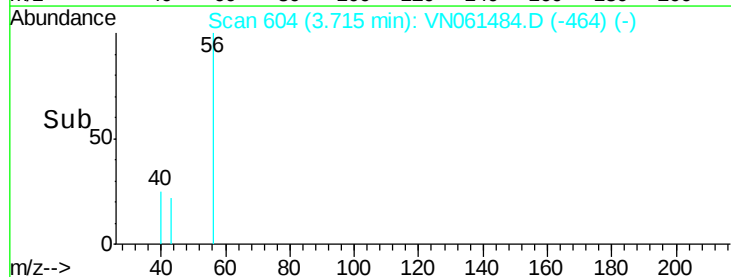
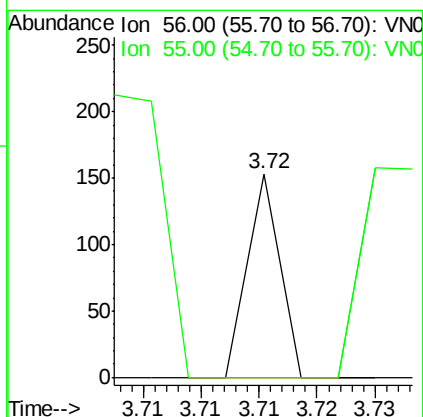
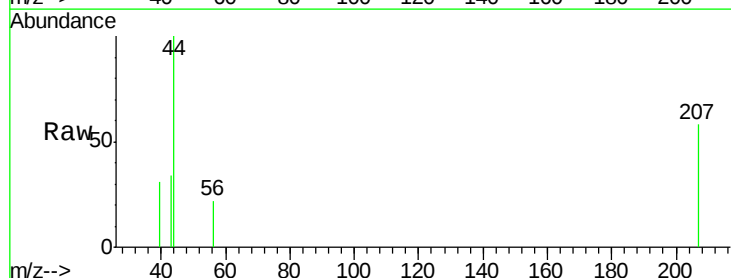
Tot Ion: 59 Resp: 1341
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

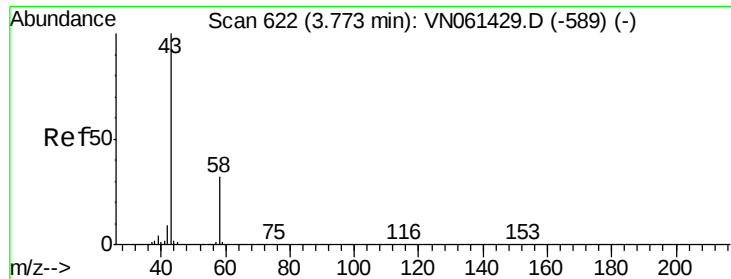


#13

Acrolein
 Concen: Below Cal
 RT: 3.72 min Scan# 604
 Delta R.T. 0.15 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Tgt Ion: 56 Resp: 30
 Ion Ratio Lower Upper
 56 100
 55 203.3 54.8 82.2#





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

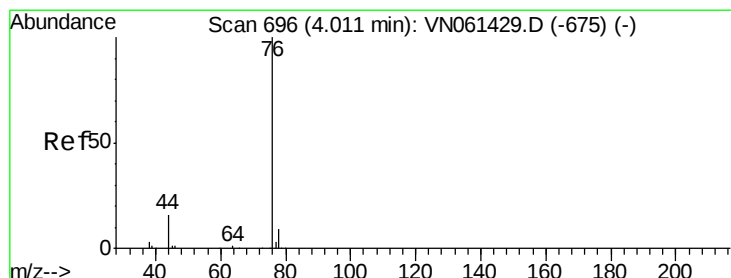
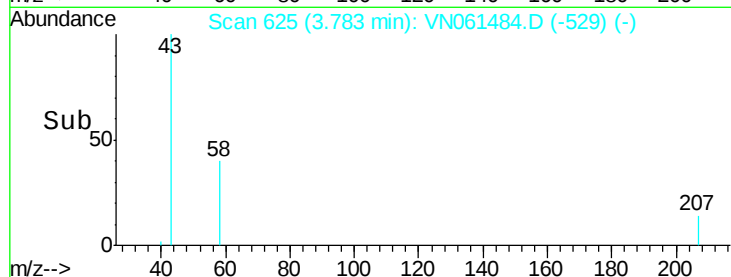
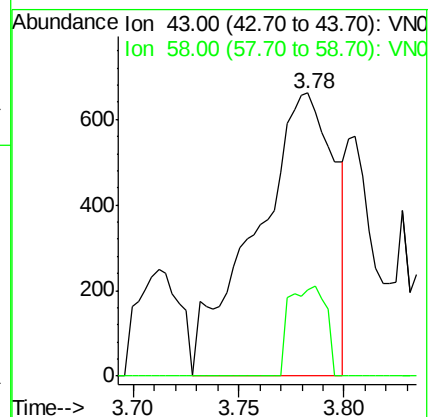
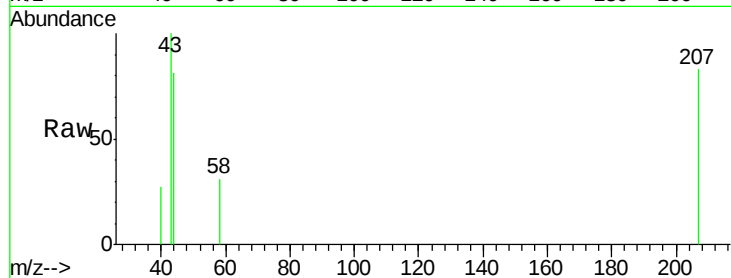
ClientSampleId :

Tot Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

58 30.5 25.6 38.4



#17

Carbon Disulfide

Concen: Below Cal

RT: 3.99 min Scan# 690

Delta R.T. -0.02 min

Lab File: VN061484.D

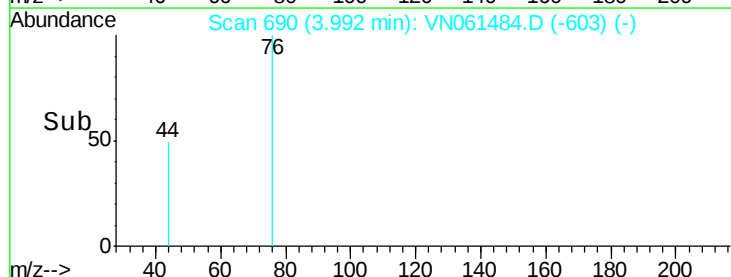
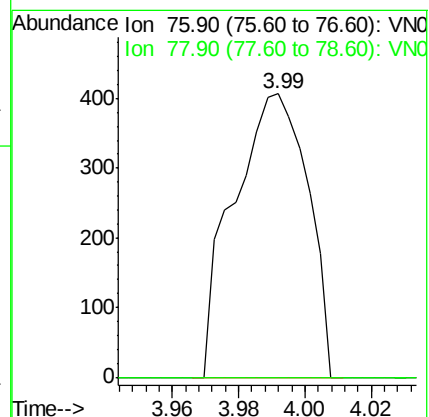
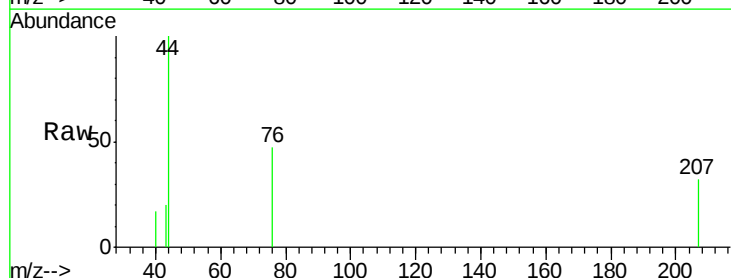
Acq: 19 May 2020 15:33

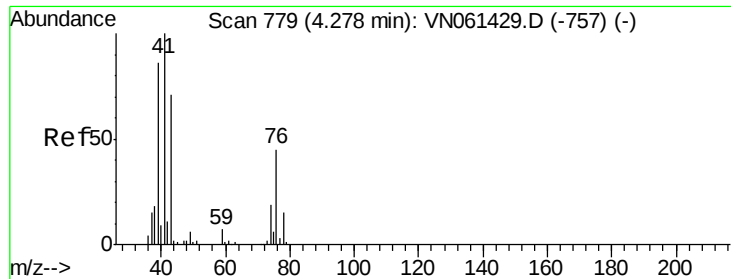
Tgt Ion: 76 Resp: 633

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

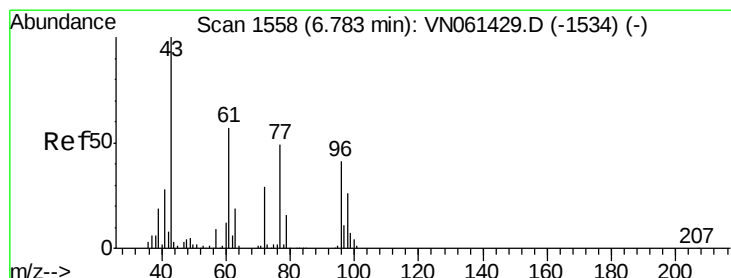
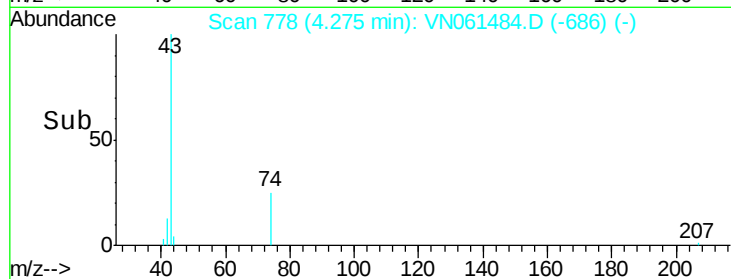
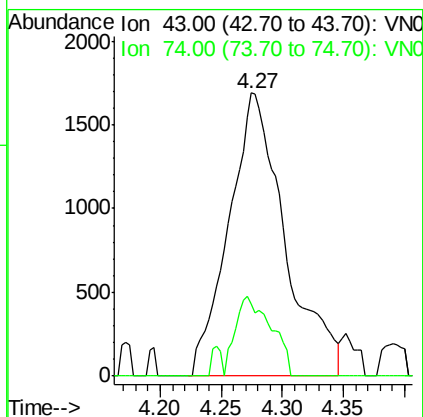
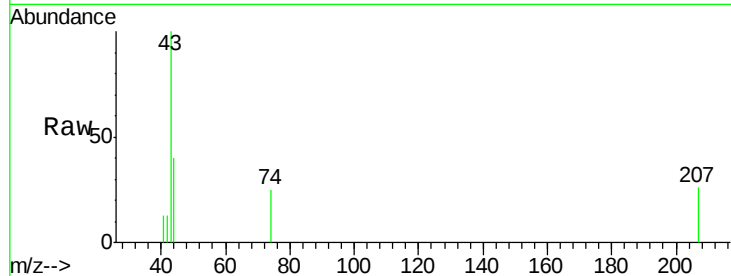




#18
Methyl Acetate
Concen: 0.646 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

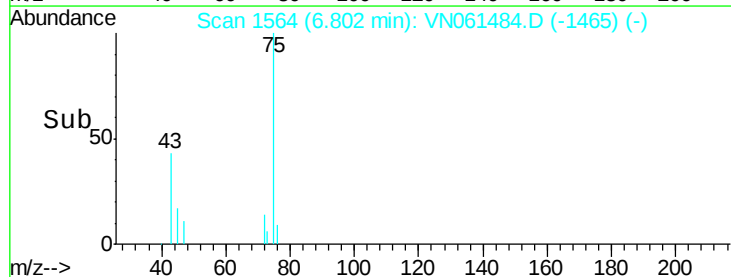
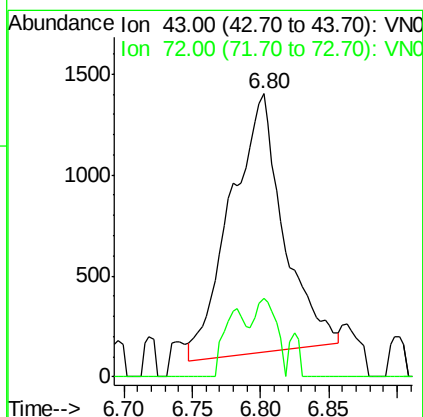
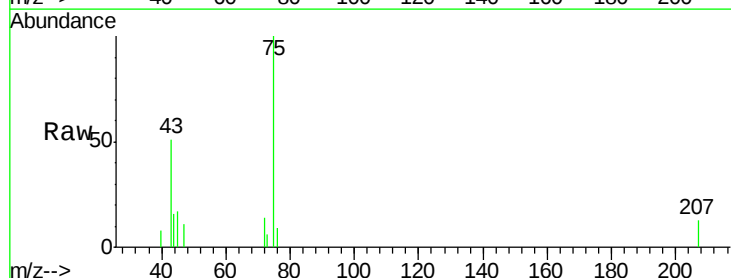
Instrument :
MSVOA_N
ClientSampled :

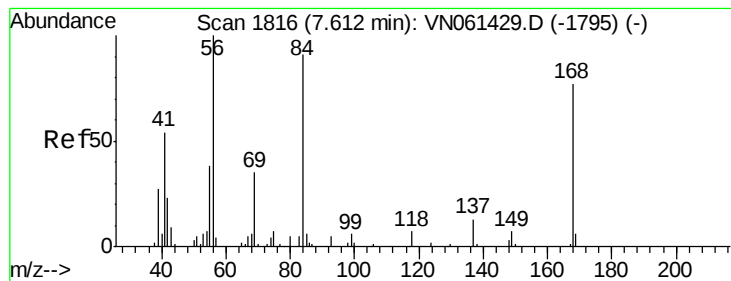
Tot Ion: 43 Resp: 5410
Ion Ratio Lower Upper
43 100
74 17.9 20.8 31.2#



#25
2-Butanone
Concen: 1.638 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion: 43 Resp: 3455
Ion Ratio Lower Upper
43 100
72 31.6 23.0 34.6





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :
MSVOA_N
ClientSampled :

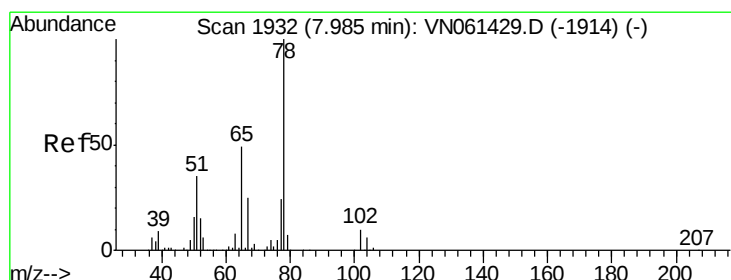
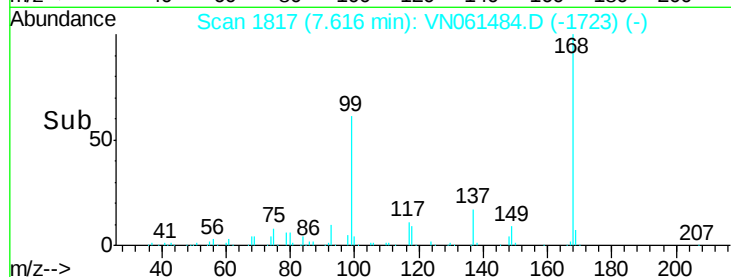
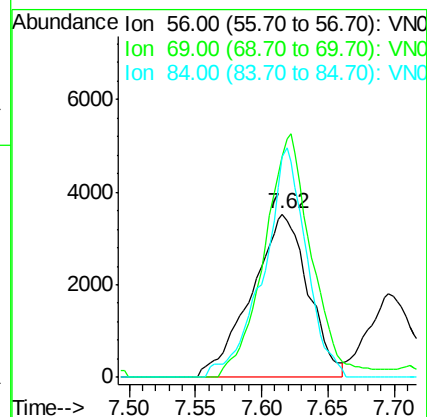
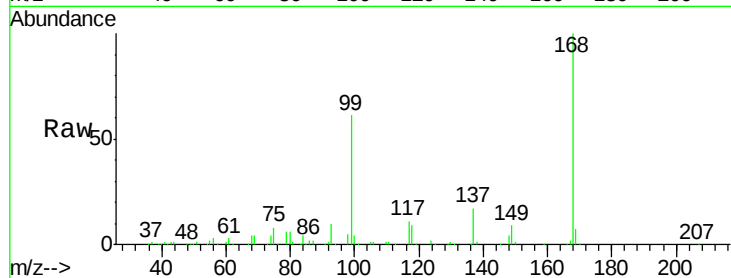
Tot Ion: 56 Resp: 10482

Ion Ratio Lower Upper

56 100

69 134.5 27.8 41.6#

84 134.6 72.7 109.1#



#33

1,2-Dichloroethane-d4

Concen: 42.450 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061484.D

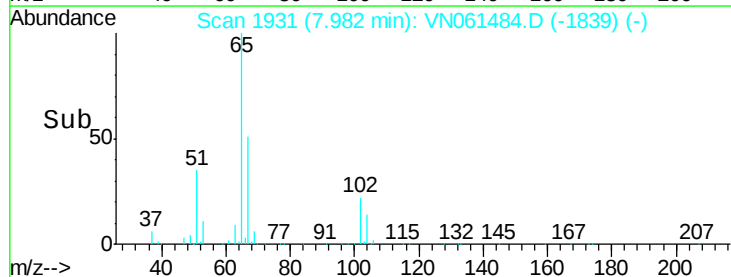
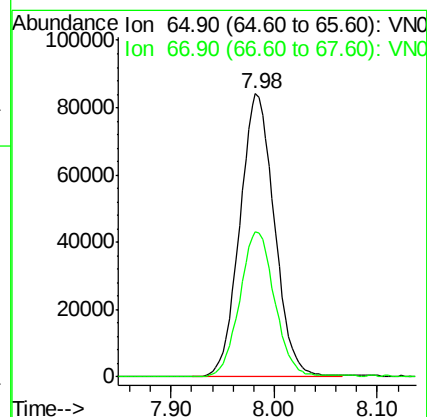
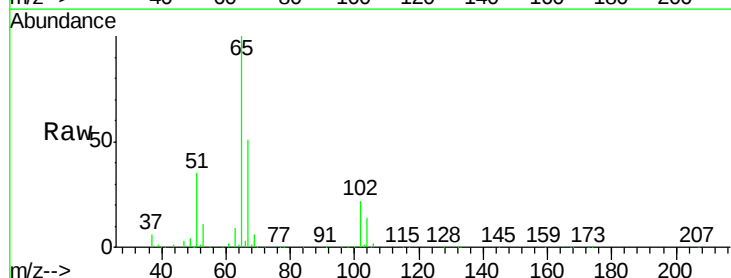
Acq: 19 May 2020 15:33

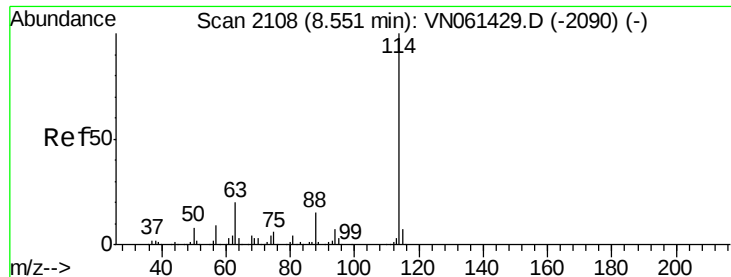
Tgt Ion: 65 Resp: 196620

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4

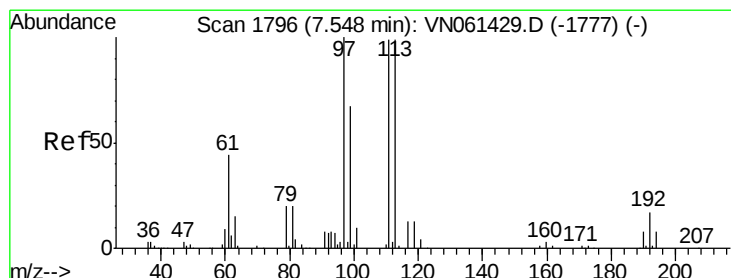
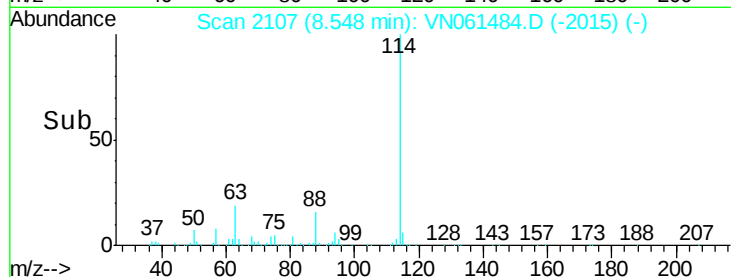
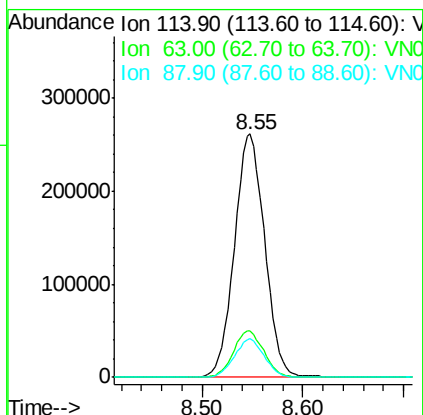
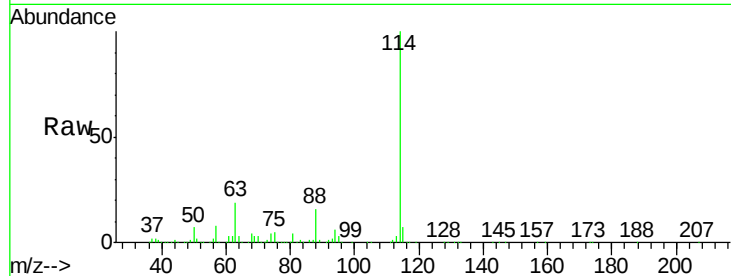




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

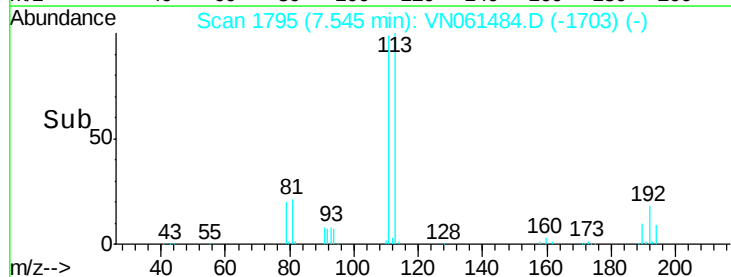
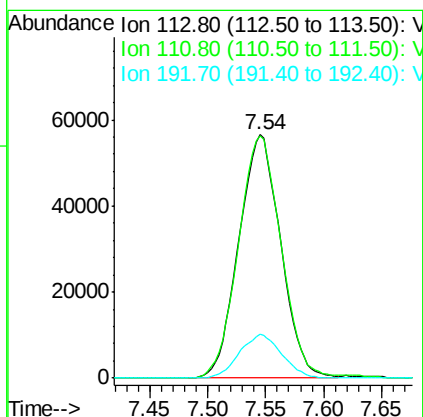
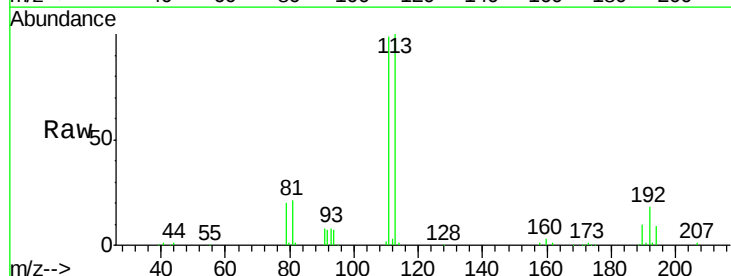
Instrument :
 MSVOA_N
 ClientSampleId :

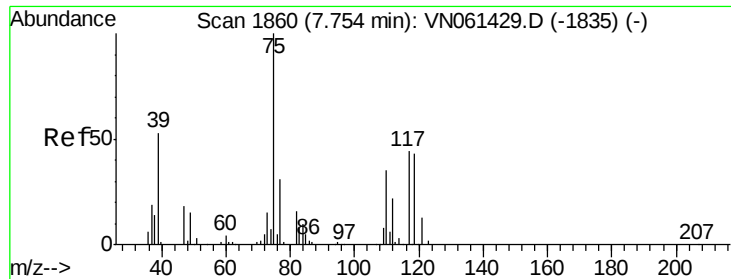
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	15.8	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 49.910 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.6	121.0
192	18.0	13.2	19.8

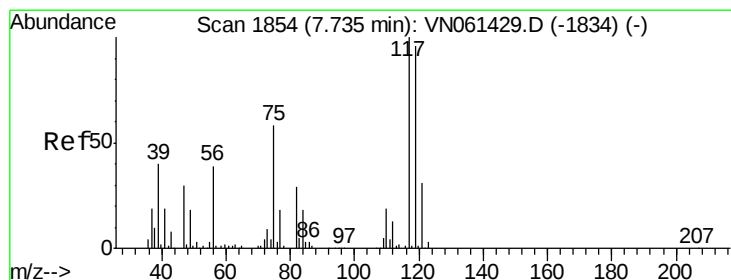
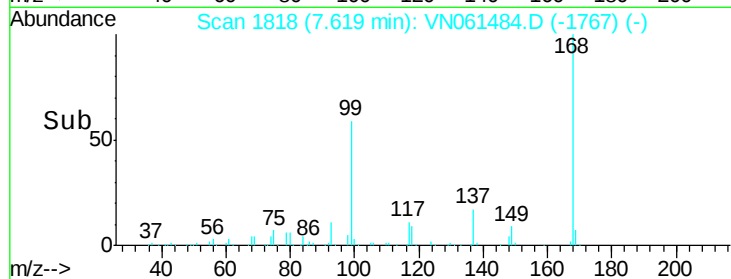
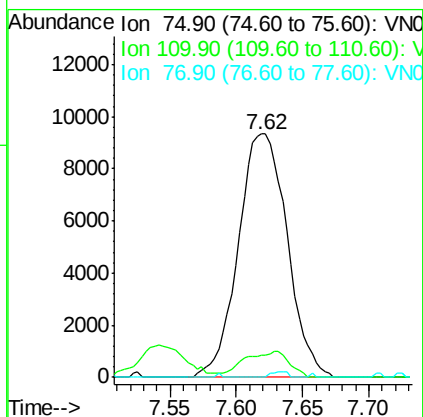
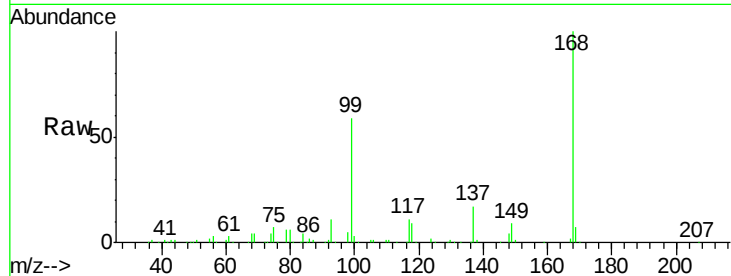




#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

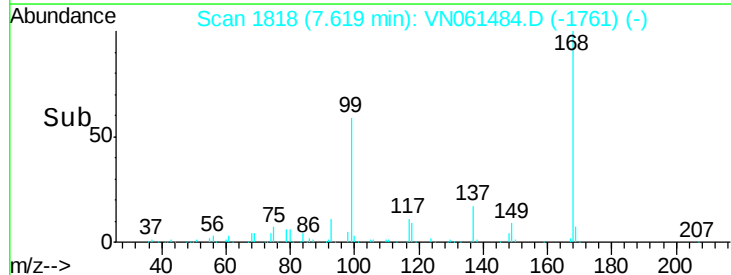
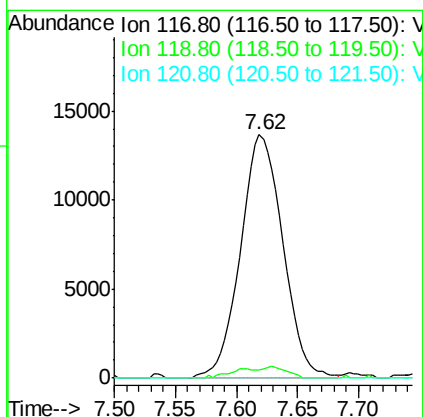
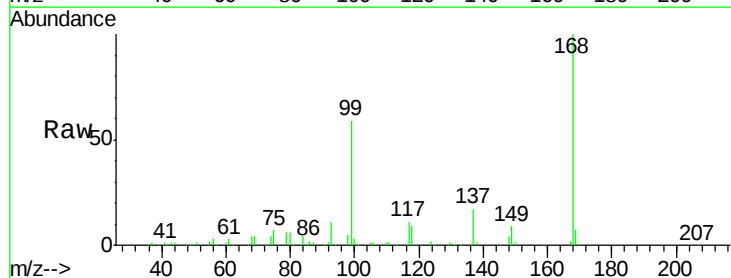
Instrument :
 MSVOA_N
 ClientSampled :

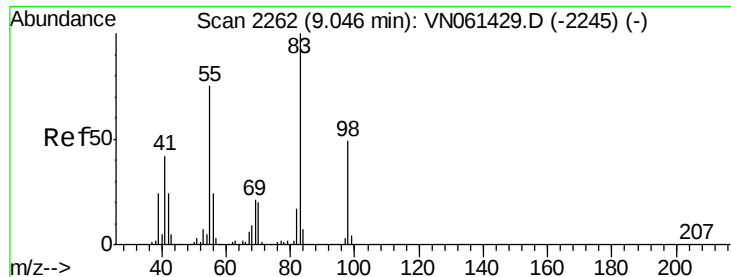
Tot Ion: 75 Resp: 23965
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.3 51.9#
 77 0.8 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.006 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.12 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Tgt Ion: 117 Resp: 32824
 Ion Ratio Lower Upper
 117 100
 119 3.6 77.0 115.6#
 121 0.0 24.7 37.1#

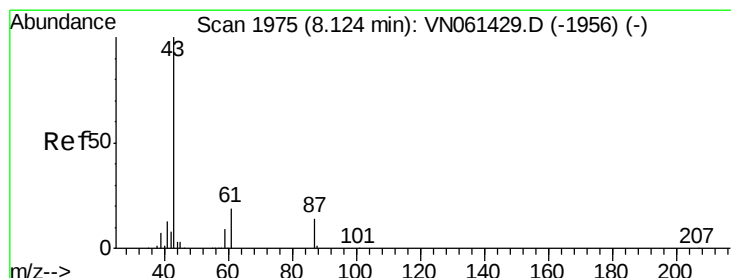
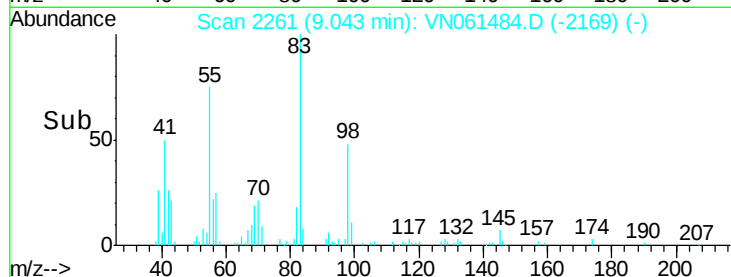
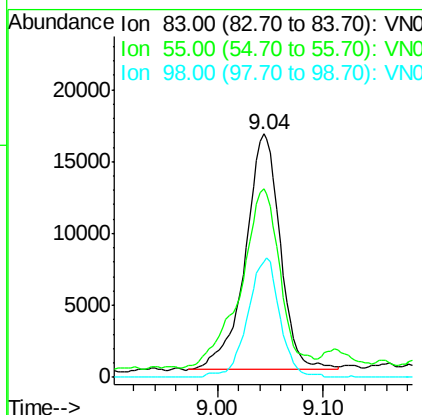
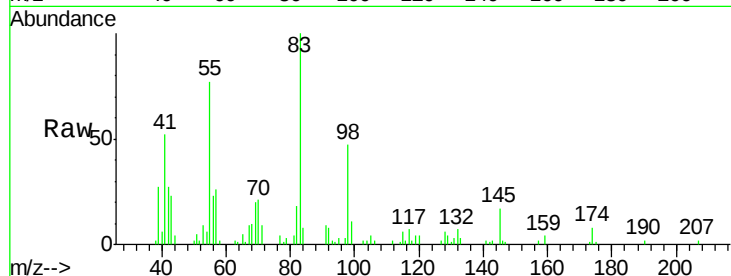




#39
Methvlcvclohexane
Concen: 6.110 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

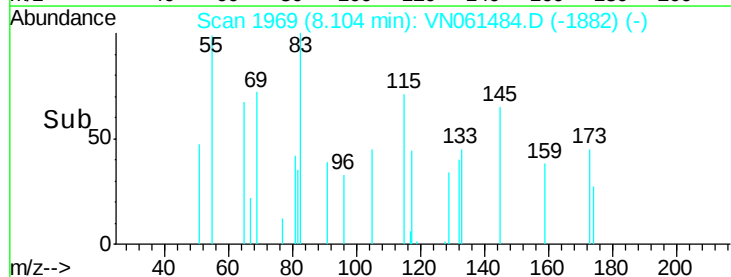
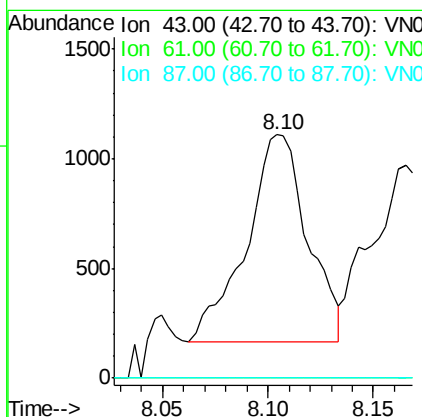
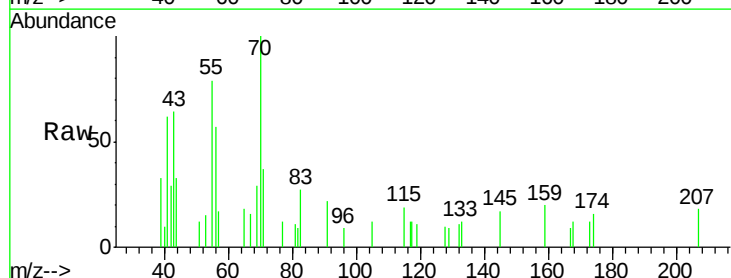
Instrument :
MSVOA_N
ClientSampleId :

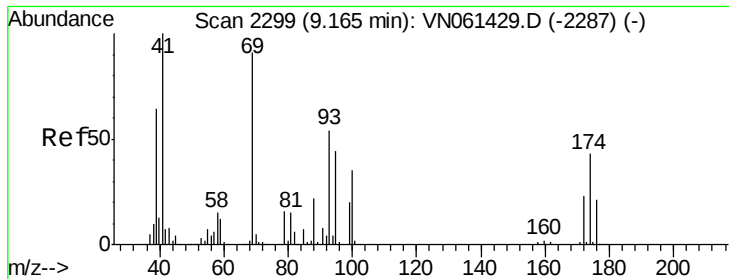
Tot Ion: 83 Resp: 37974
Ion Ratio Lower Upper
83 100
55 74.8 59.7 89.5
98 48.8 38.9 58.3



#43
Isopropyl Acetate
Concen: 0.239 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.02 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
61 0.0 23.0 34.4#
87 0.0 11.6 17.4#

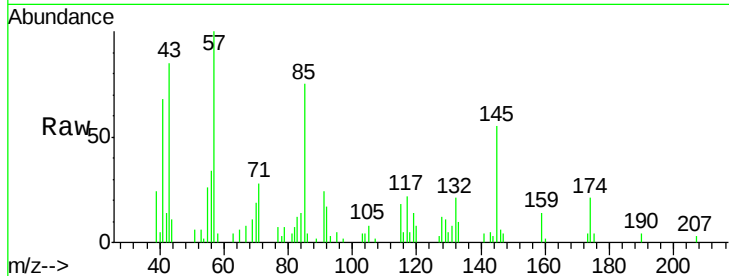




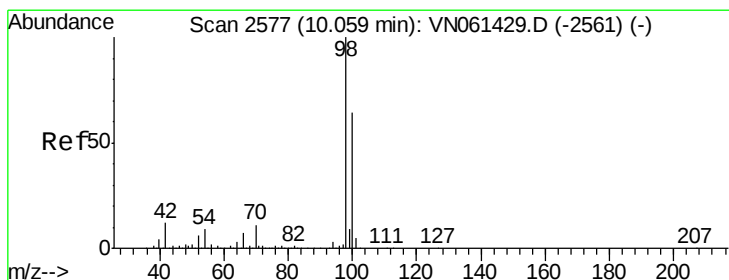
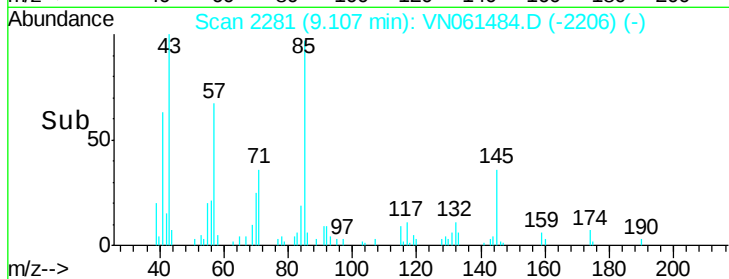
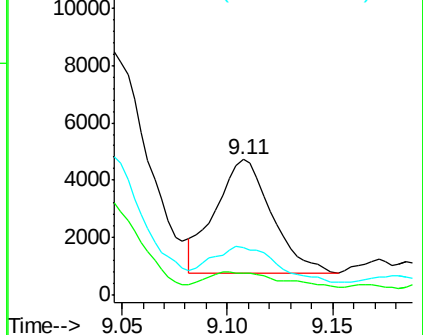
#48
Methvl methacrylate
Concen: 1.956 ug/l
RT: 9.11 min Scan# 2281
Delta R.T. -0.06 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 7273
Ion Ratio Lower Upper
41 100
69 18.9 75.3 112.9#
39 39.6 52.6 79.0#

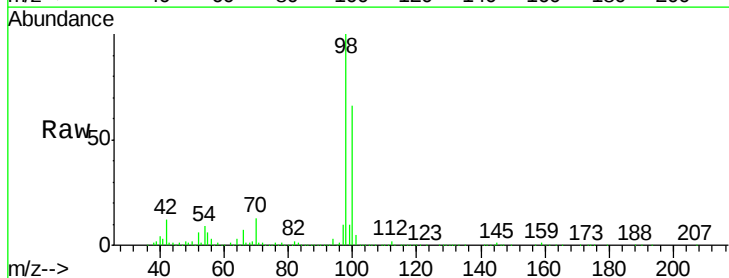


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

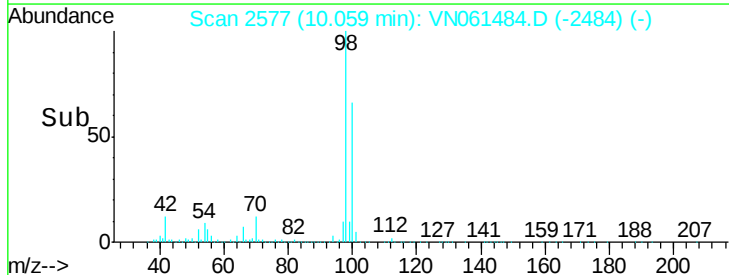
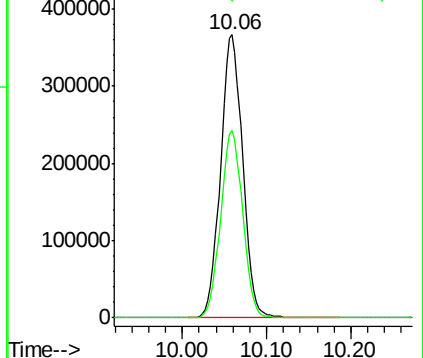


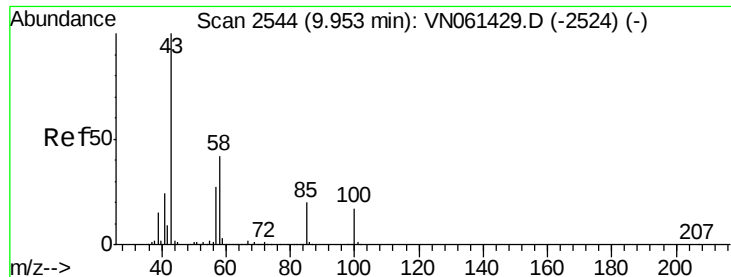
#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion: 98 Resp: 666807
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.331 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

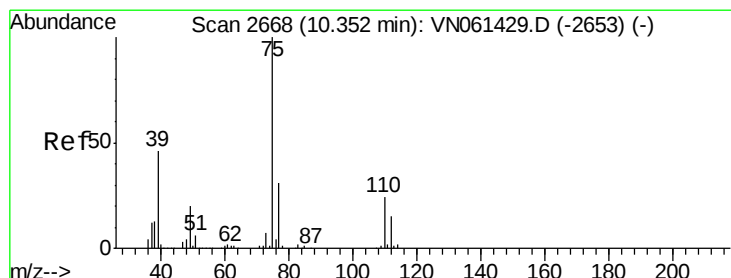
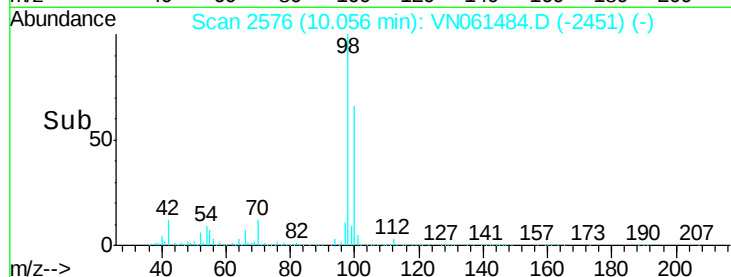
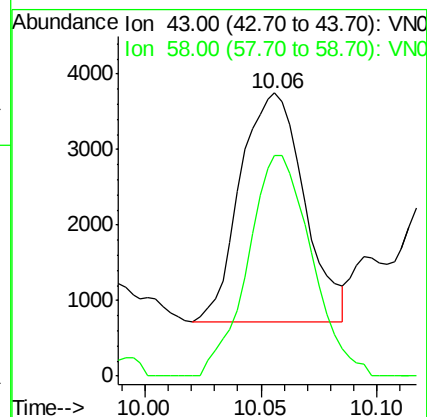
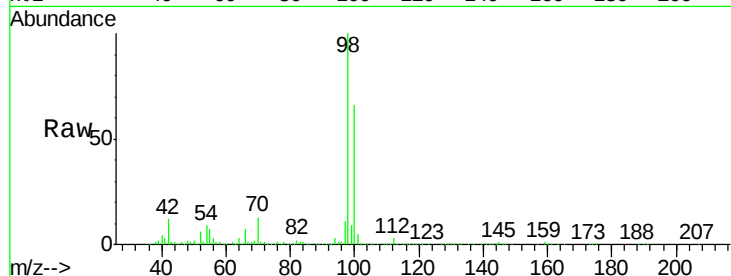
ClientSampled :

Tot Ion: 43 Resp: 5834

Ion Ratio Lower Upper

43 100

58 95.6 33.4 50.2#



#53

t-1,3-Dichloropropene

Concen: 1.074 ug/l

RT: 10.21 min Scan# 2625

Delta R.T. -0.14 min

Lab File: VN061484.D

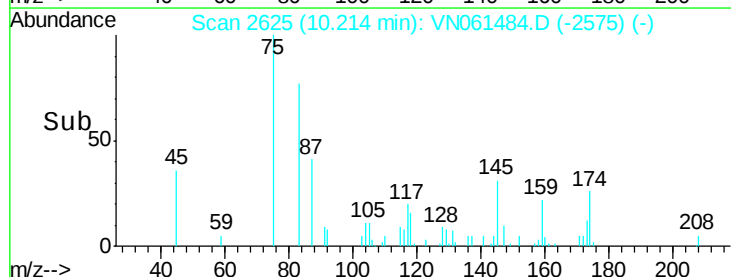
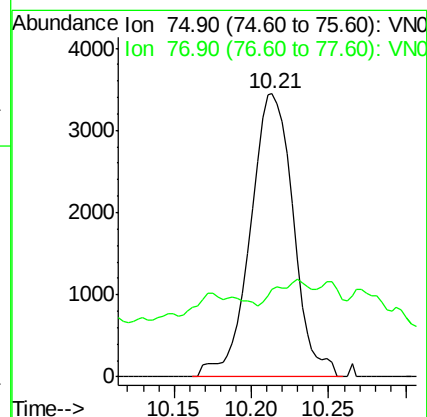
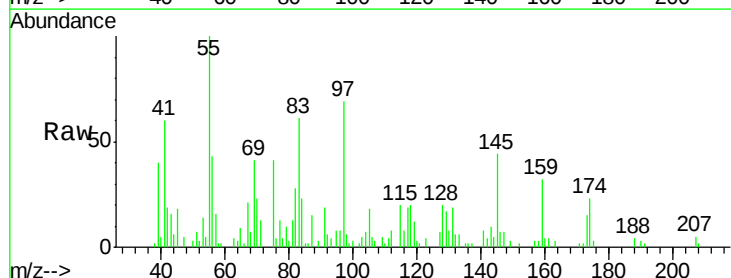
Acq: 19 May 2020 15:33

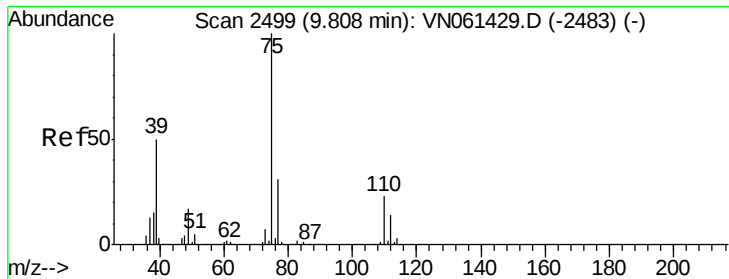
Tgt Ion: 75 Resp: 6672

Ion Ratio Lower Upper

75 100

77 6.7 24.8 37.2#



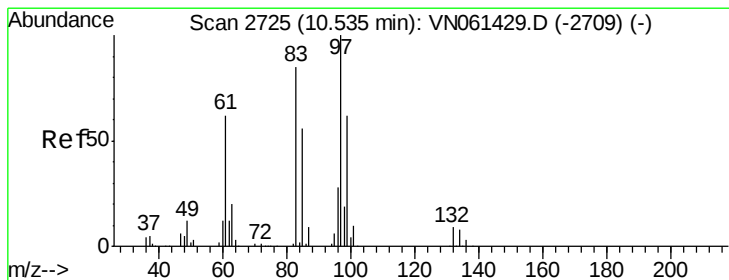
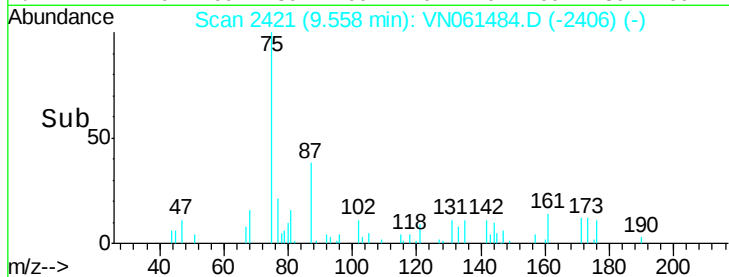
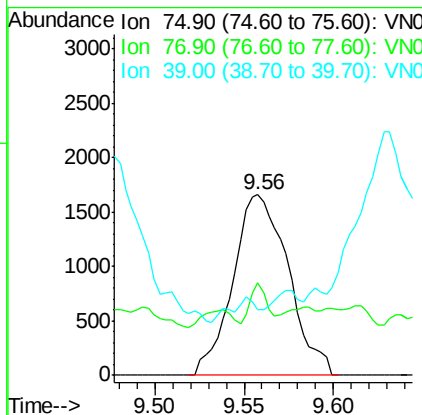
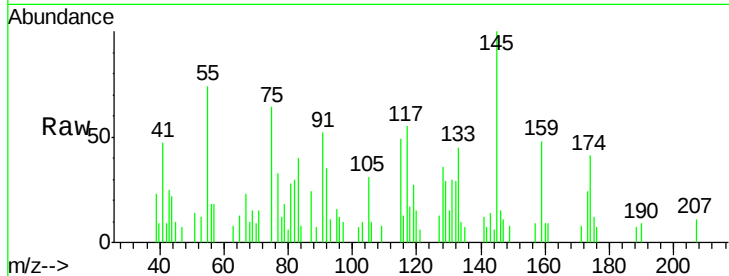


#54

cis-1,3-Dichloropropene
 Concen: 0.543 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. -0.25 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Instrument :
 MSVOA_N
 ClientSampleId :

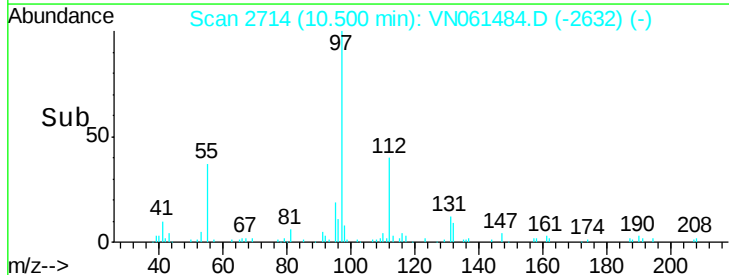
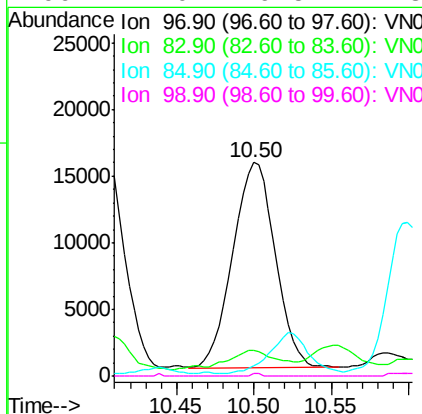
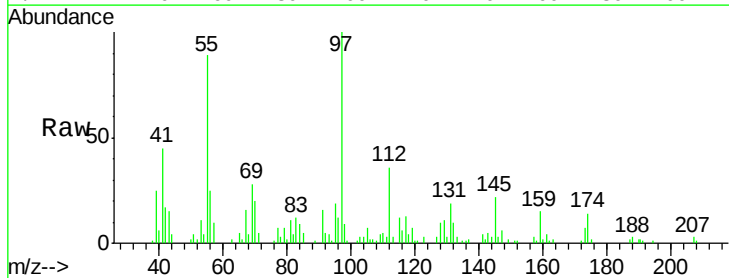
Tot Ion: 75 Resp: 3588
 Ion Ratio Lower Upper
 75 100
 77 25.0 24.8 37.2
 39 2.1 39.8 59.6#

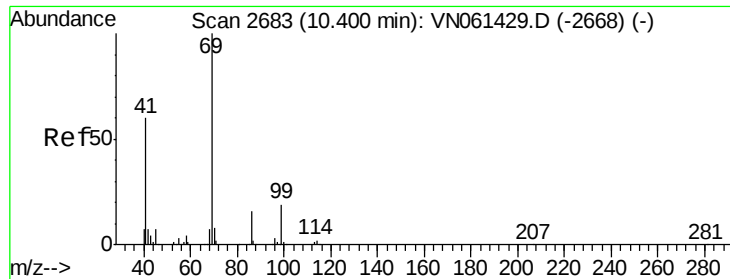


#55

1,1,2-Trichloroethane
 Concen: 7.939 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.04 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Tgt Ion: 97 Resp: 29550
 Ion Ratio Lower Upper
 97 100
 83 8.0 68.2 102.4#
 85 3.4 44.6 67.0#
 99 1.0 49.5 74.3#





#56

Ethyl methacrylate

Concen: 1.477 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

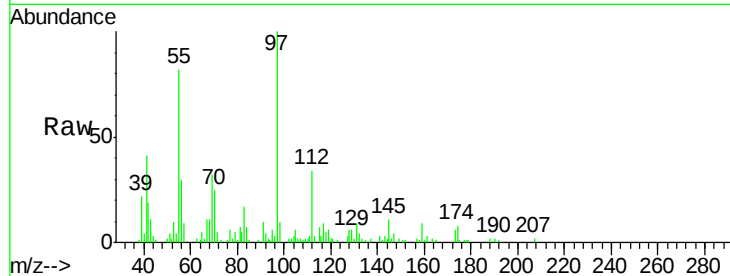
Tot Ion: 69 Resp: 8596

Ion Ratio Lower Upper

69 100

41 130.9 48.3 72.5#

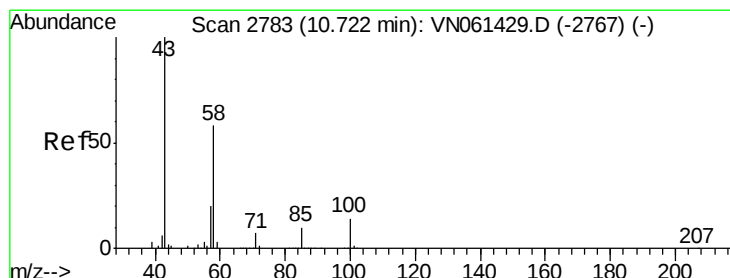
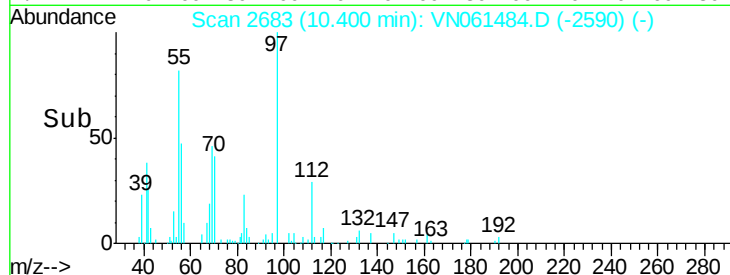
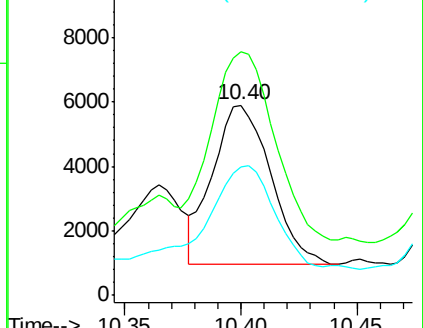
39 73.8 30.2 45.2#



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



#59

2-Hexanone

Concen: 16.077 ug/l

RT: 10.69 min Scan# 2773

Delta R.T. -0.03 min

Lab File: VN061484.D

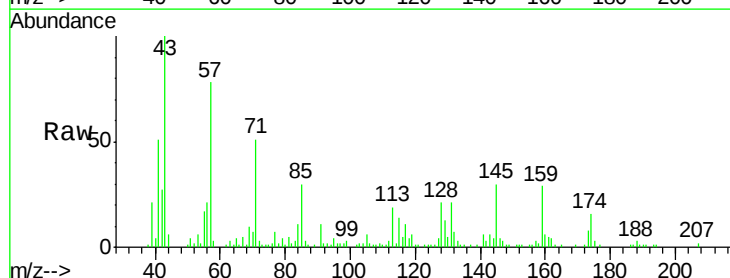
Acq: 19 May 2020 15:33

Tgt Ion: 43 Resp: 50995

Ion Ratio Lower Upper

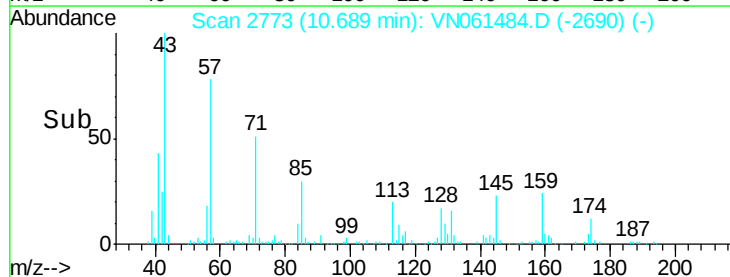
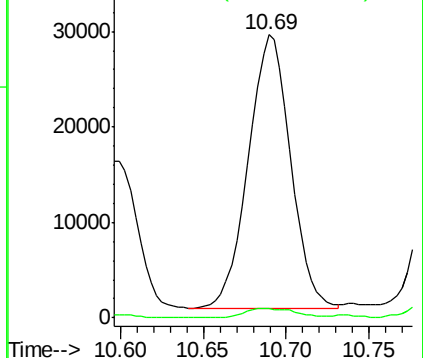
43 100

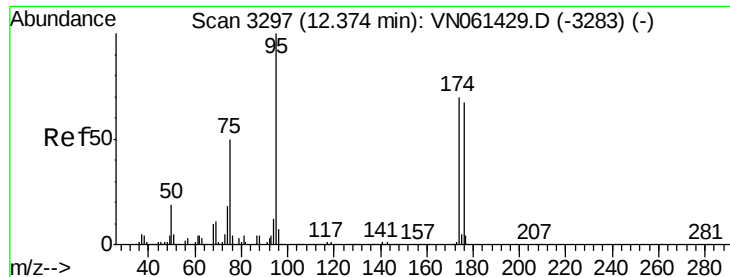
58 4.2 29.2 87.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.081 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

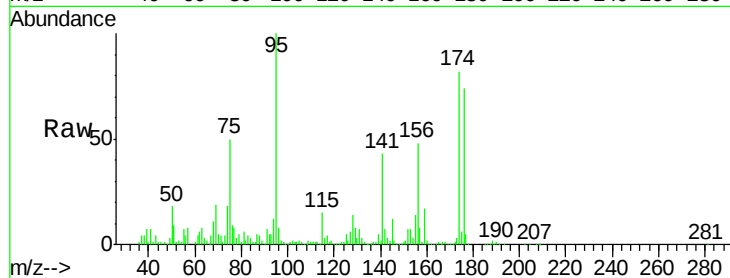
Tot Ion: 95 Resp: 291867

Ion Ratio Lower Upper

95 100

174 80.7 0.0 141.2

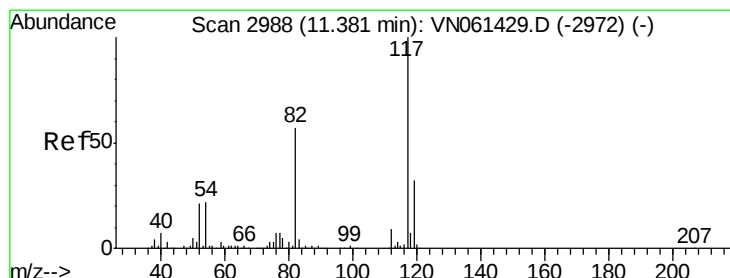
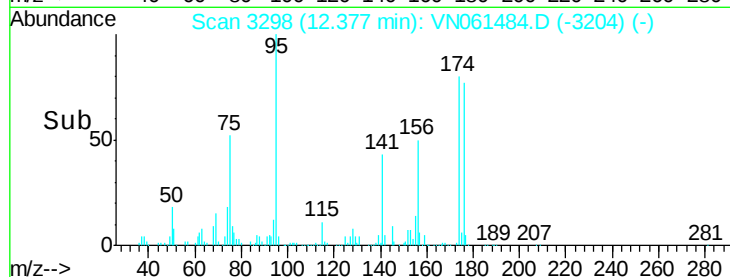
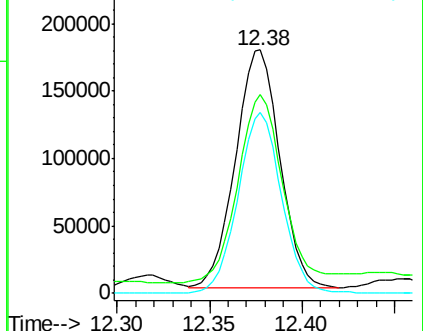
176 75.1 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

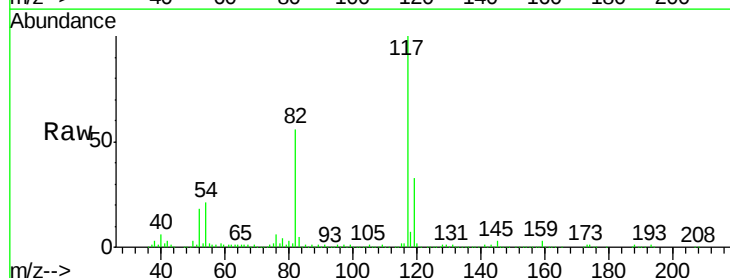
Tgt Ion: 117 Resp: 529320

Ion Ratio Lower Upper

117 100

82 54.5 45.2 67.8

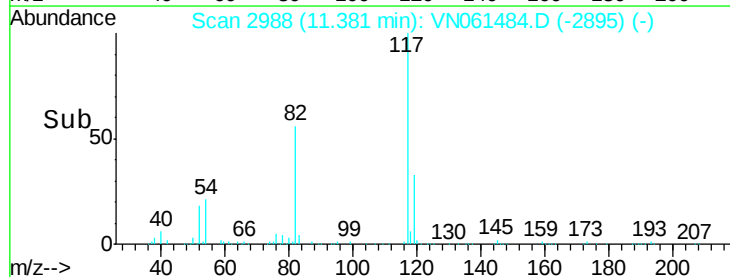
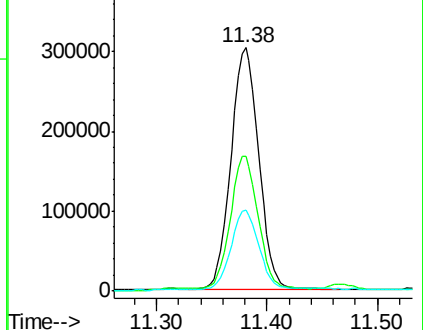
119 32.7 25.3 37.9

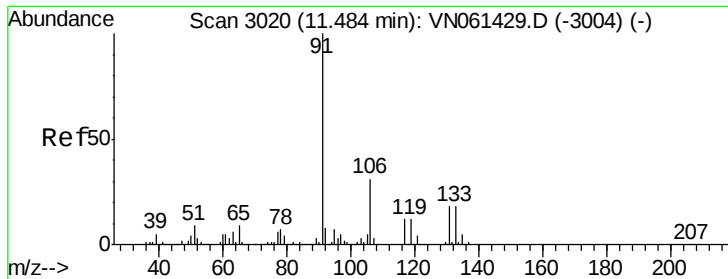


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

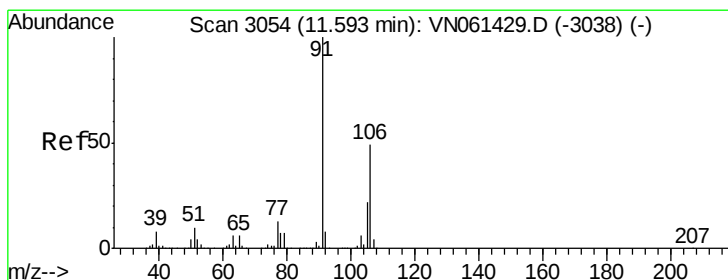
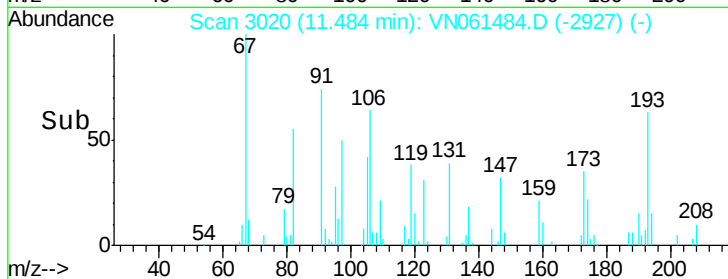
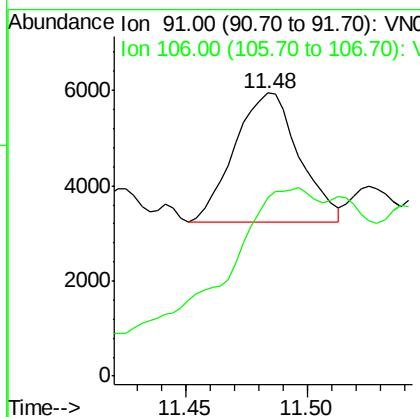
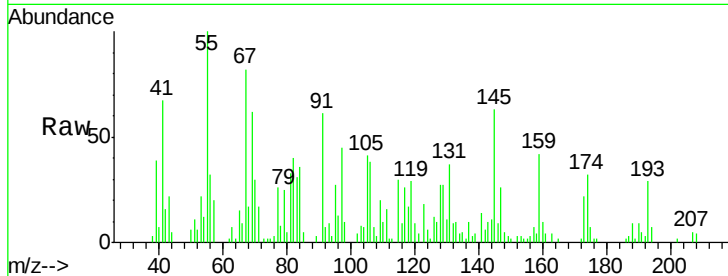




#67
Ethyl Benzene
Concen: 0.255 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

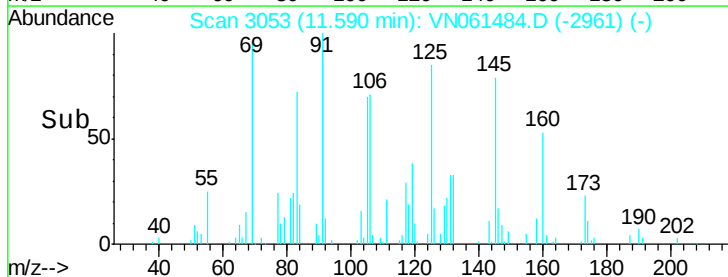
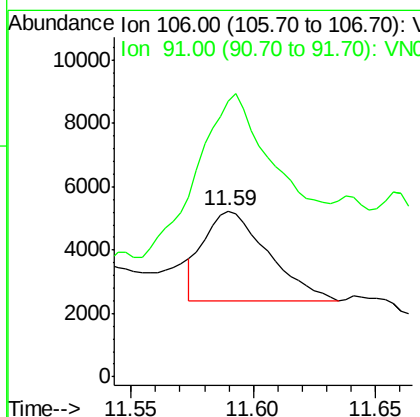
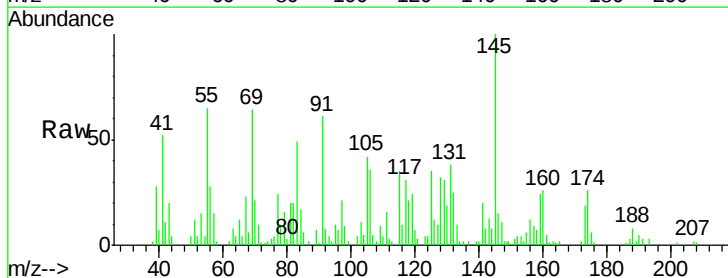
Instrument :
MSVOA_N
ClientSampled :

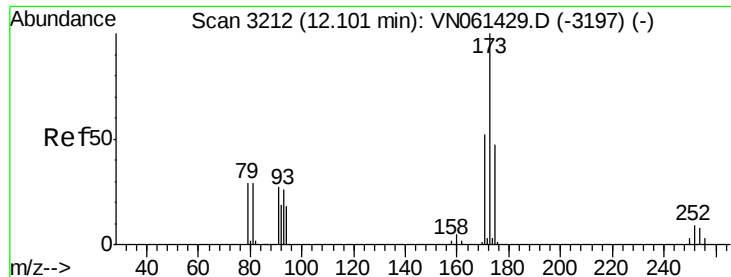
Tot Ion: 91 Resp: 5020
Ion Ratio Lower Upper
91 100
106 79.3 24.6 36.8#



#68
m/p-Xylenes
Concen: 0.696 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion: 106 Resp: 5204
Ion Ratio Lower Upper
106 100
91 236.3 163.0 244.6





#71

Bromoform

Concen: 2.125 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.08 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

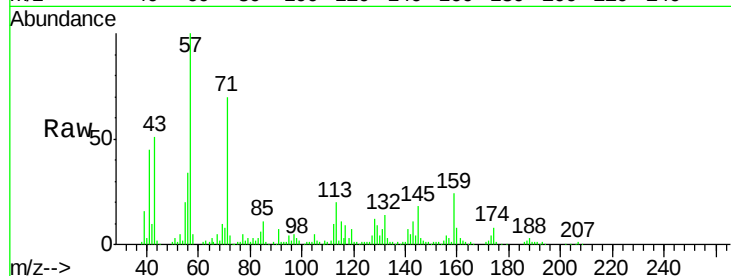
Tot Ion:173 Resp: 328

Ion Ratio Lower Upper

173 100

175 336.0 23.9 71.8#

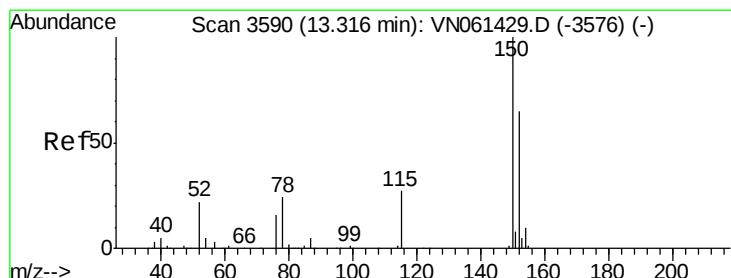
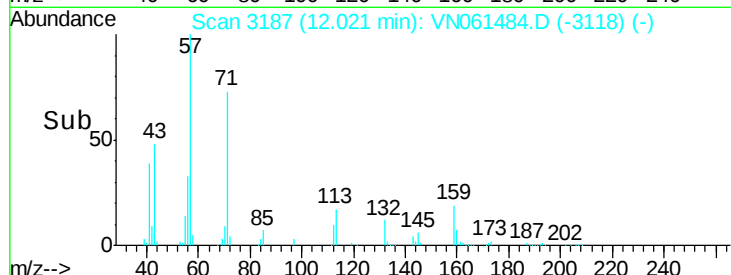
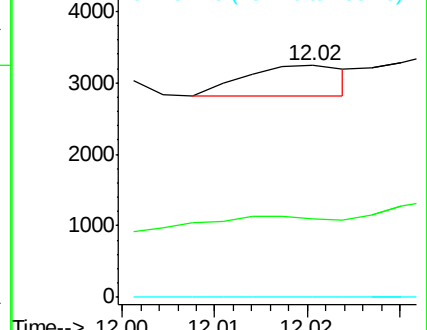
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

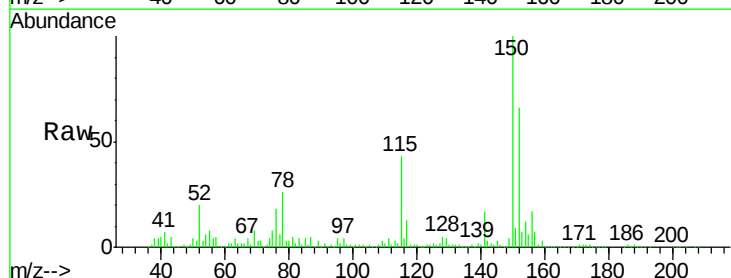
Tgt Ion:152 Resp: 366239

Ion Ratio Lower Upper

152 100

115 76.7 30.9 92.5

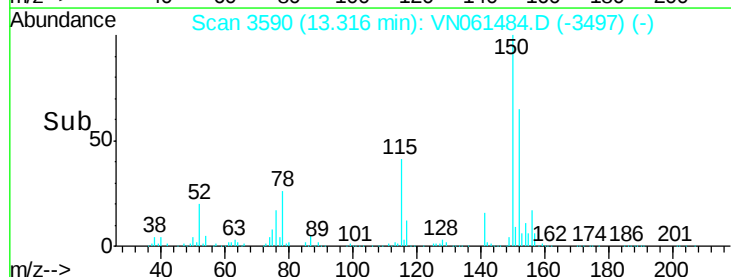
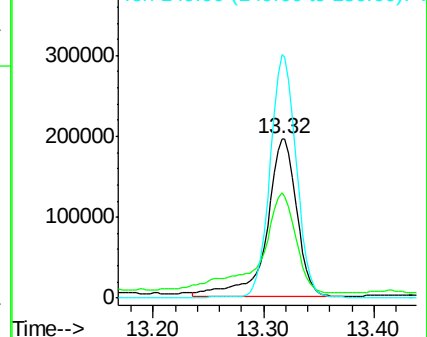
150 133.5 0.0 349.2

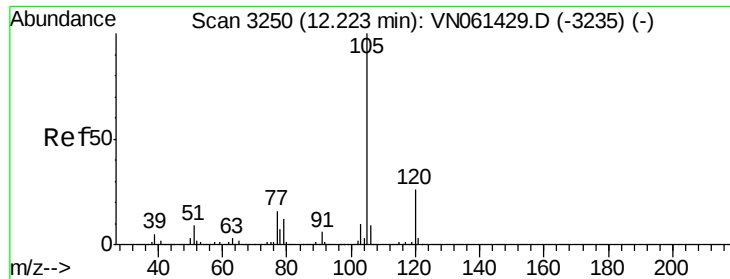


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.953 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

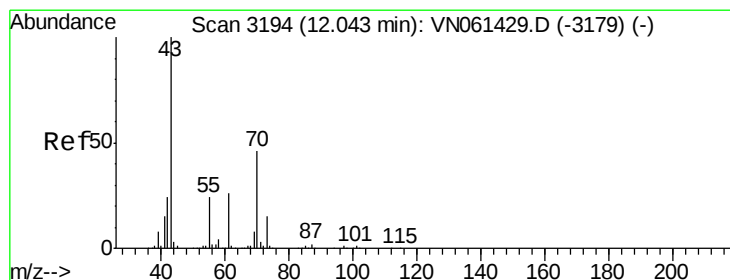
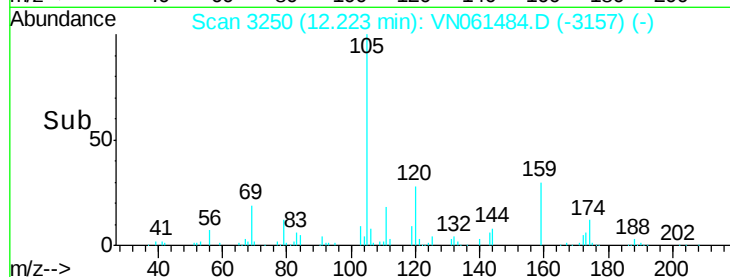
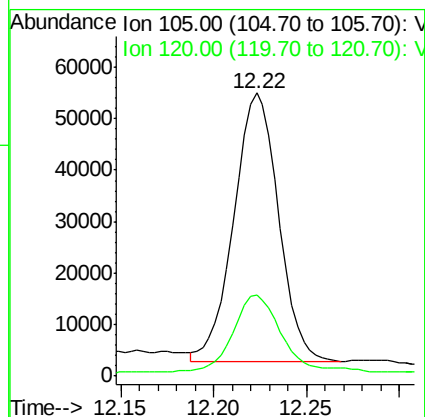
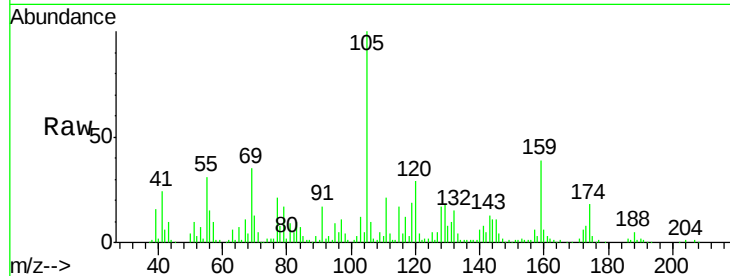
ClientSampleId :

Tot Ion:105 Resp: 86814

Ion Ratio Lower Upper

105 100

120 33.4 13.0 39.0



#74

N-ethyl acetate

Concen: 4.504 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Tgt Ion: 43 Resp: 48475

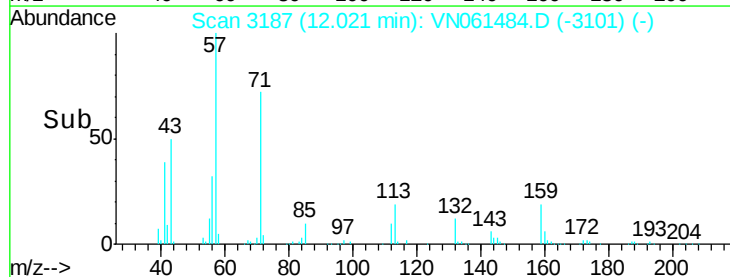
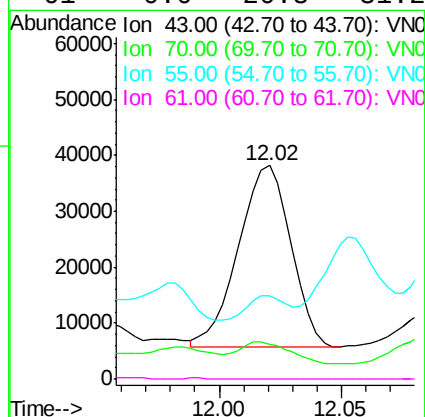
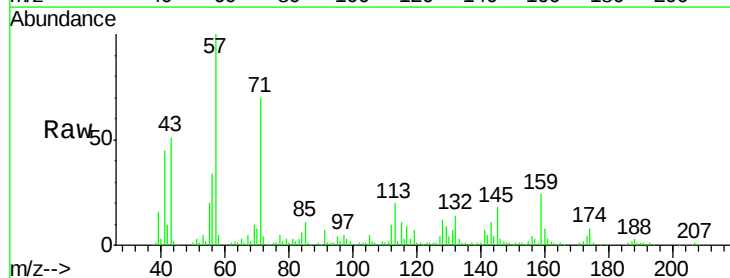
Ion Ratio Lower Upper

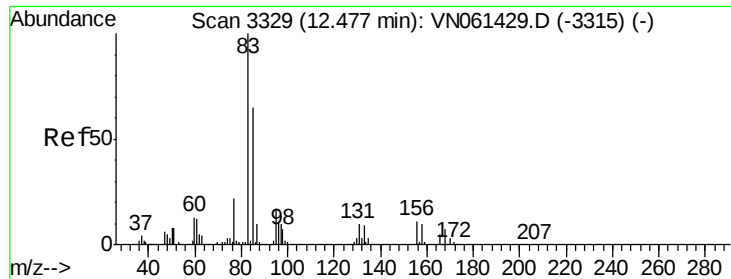
43 100

70 12.1 37.0 55.4#

55 8.4 19.5 29.3#

61 0.0 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.938 ug/l

RT: 12.44 min Scan# 3317

Delta R.T. -0.04 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

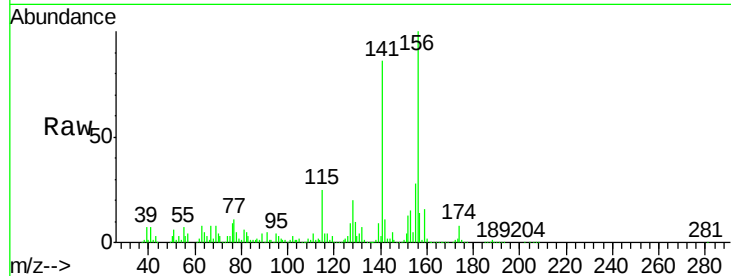
Tot Ion: 83 Resp: 7584

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

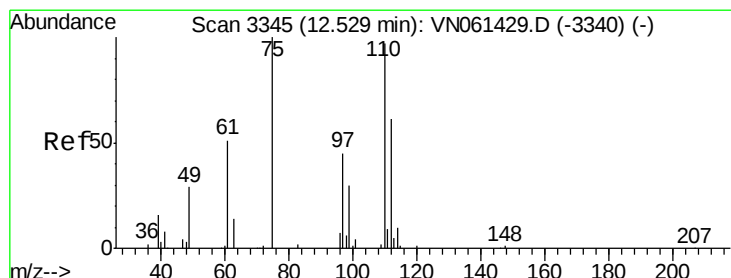
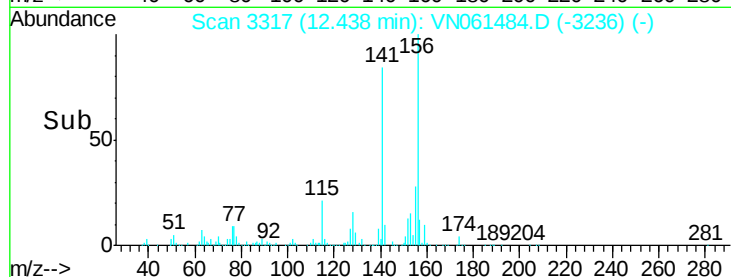
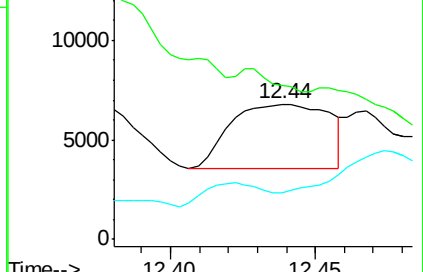
85 23.5 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 0.938 ug/l

RT: 12.63 min Scan# 3376

Delta R.T. 0.10 min

Lab File: VN061484.D

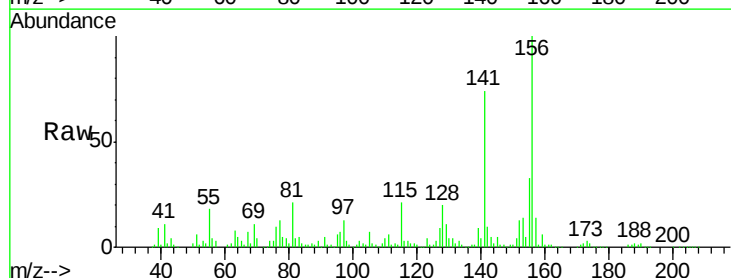
Acq: 19 May 2020 15:33

Tgt Ion: 75 Resp: 7375

Ion Ratio Lower Upper

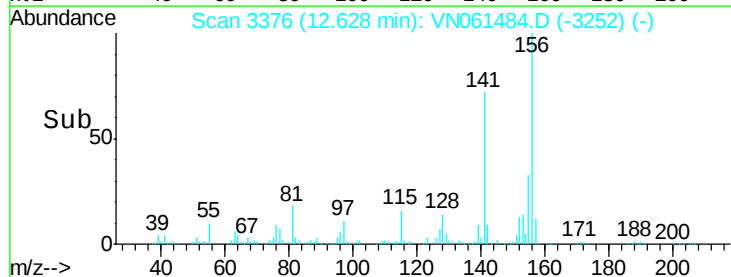
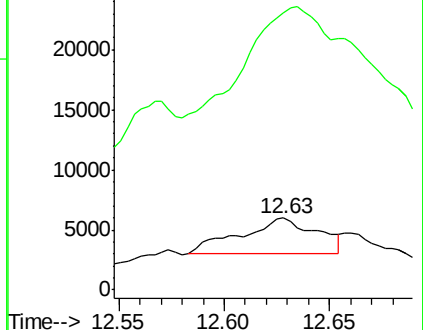
75 100

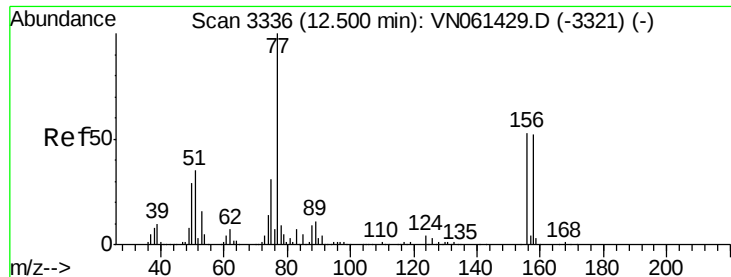
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 280.506 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

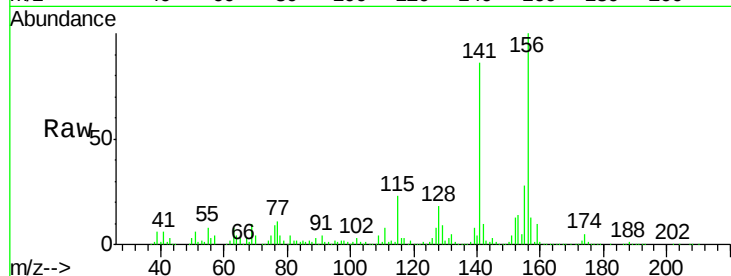
Tot Ion:156 Resp: 1789848

Ion Ratio Lower Upper

156 100

77 0.0 112.3 336.9#

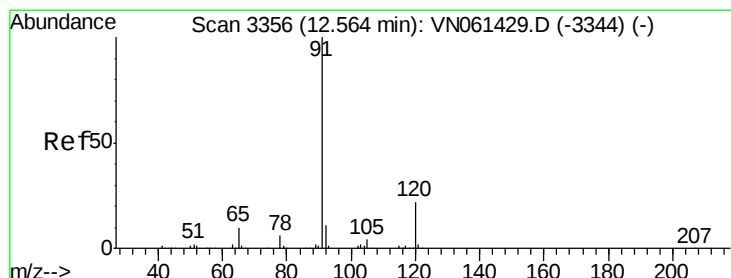
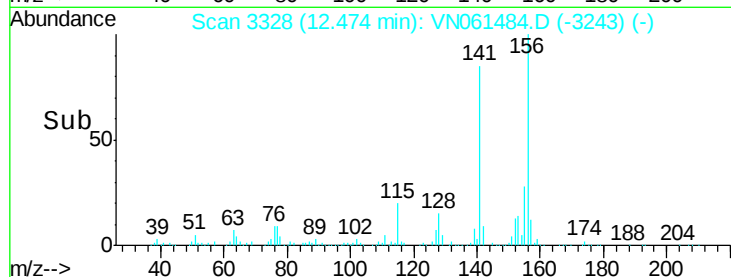
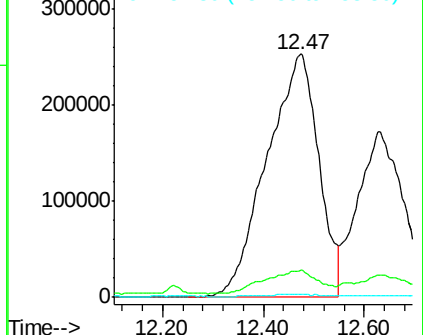
158 0.0 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 7.131 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061484.D

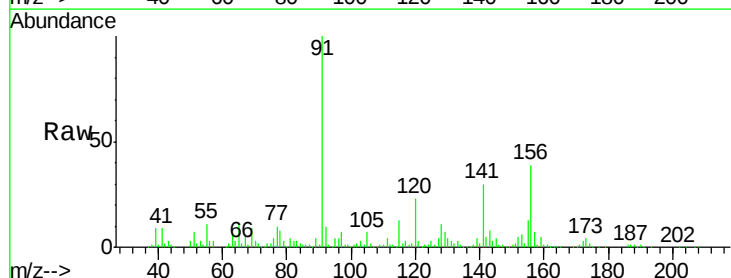
Acq: 19 May 2020 15:33

Tgt Ion: 91 Resp: 238895

Ion Ratio Lower Upper

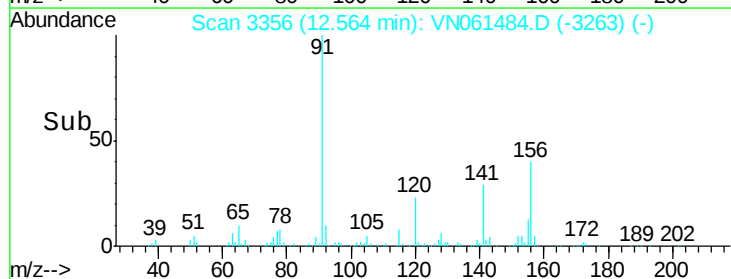
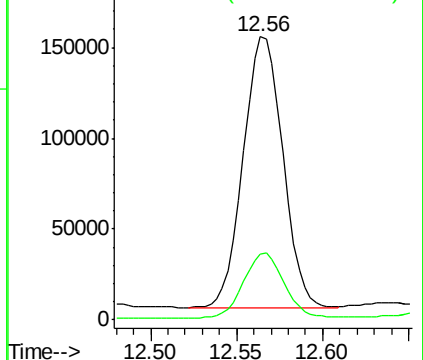
91 100

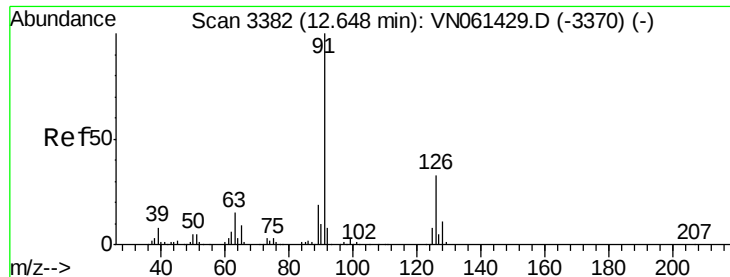
120 24.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

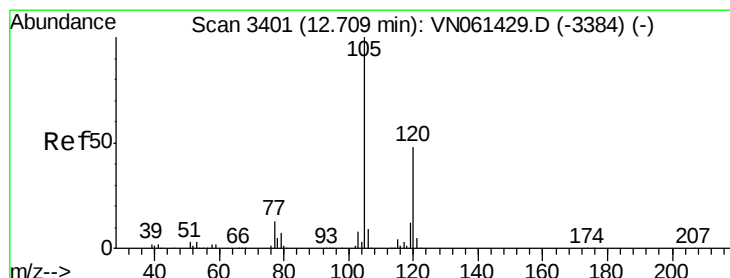
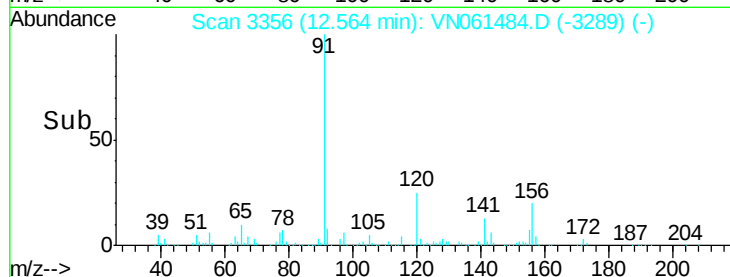
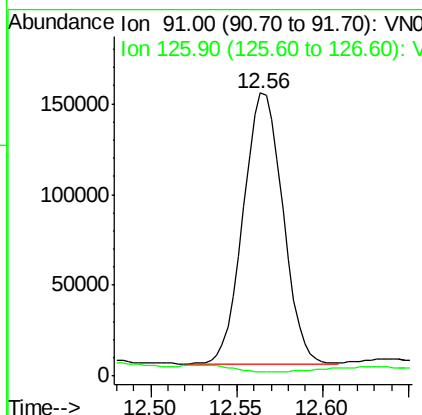
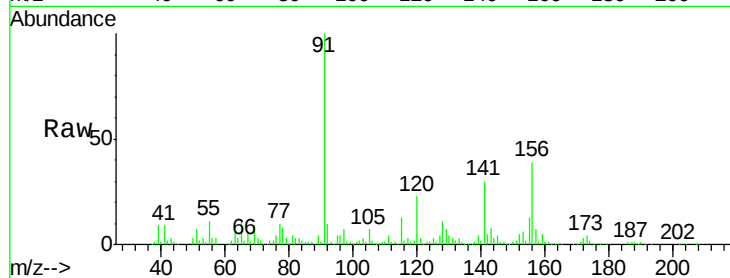




#79
 2-Chlorotoluene
 Concen: 12.065 ug/l
 RT: 12.56 min Scan# 3356
 Delta R.T. -0.08 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

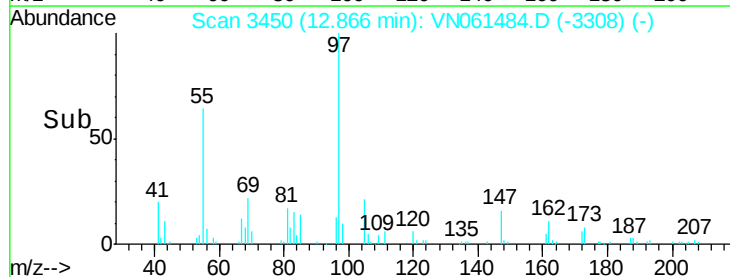
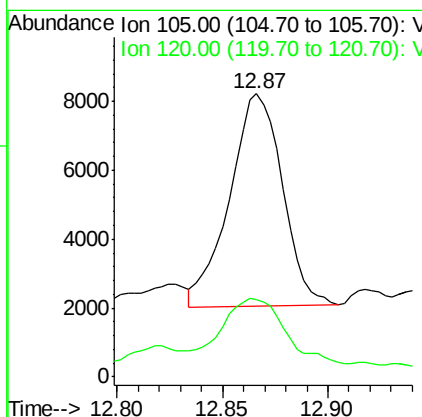
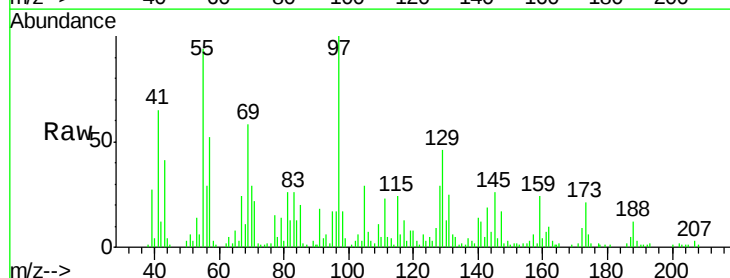
Instrument :
 MSVOA_N
 ClientSampled :

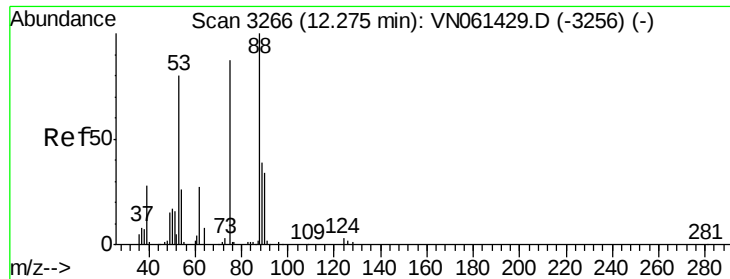
Tot Ion: 91 Resp: 238895
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.445 ug/l
 RT: 12.87 min Scan# 3450
 Delta R.T. 0.16 min
 Lab File: VN061484.D
 Acq: 19 May 2020 15:33

Tgt Ion: 105 Resp: 10721
 Ion Ratio Lower Upper
 105 100
 120 36.5 24.1 72.4

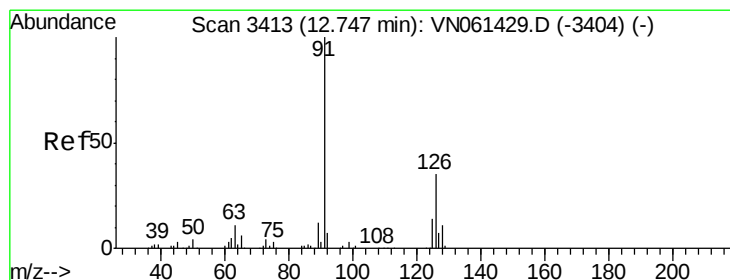
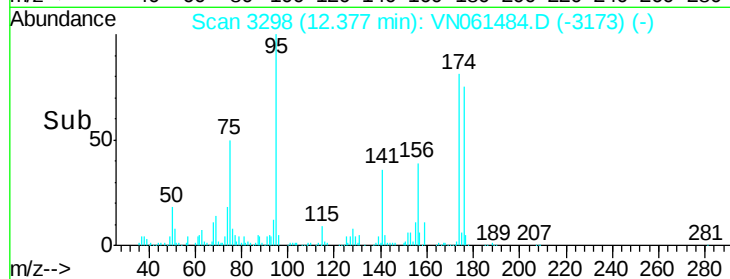
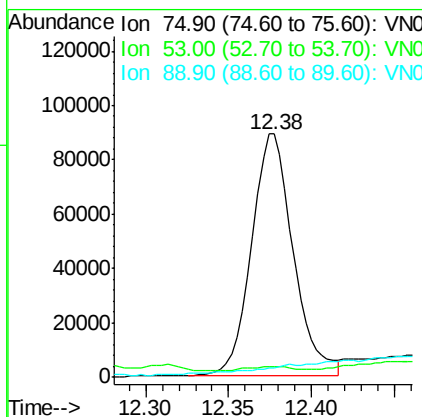
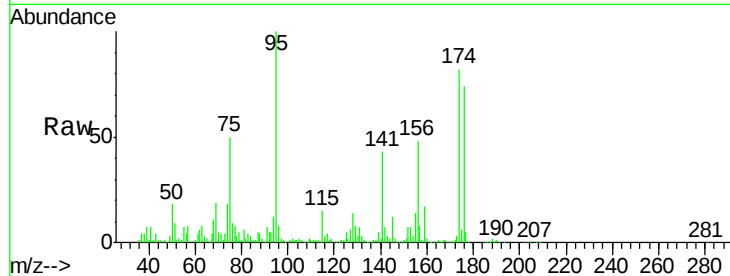




#81
trans-1,4-Dichloro-2-butene
Concen: 52.540 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

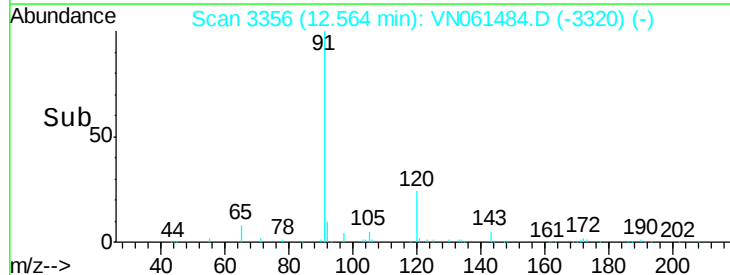
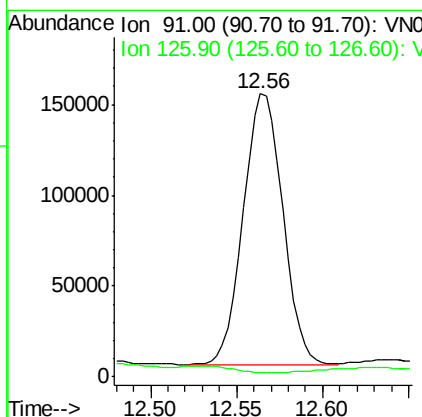
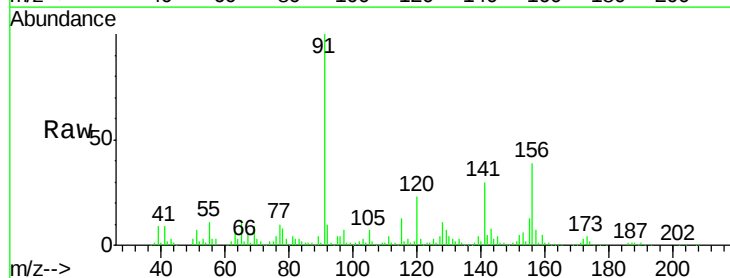
Instrument :
MSVOA_N
ClientSampled :

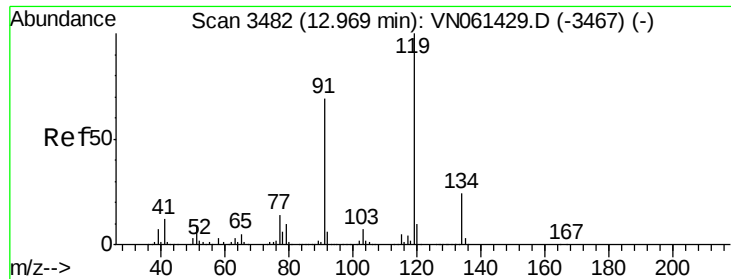
Tot Ion: 75 Resp: 155645
Ion Ratio Lower Upper
75 100
53 2.2 75.2 112.8#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 11.652 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.18 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion: 91 Resp: 238895
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#

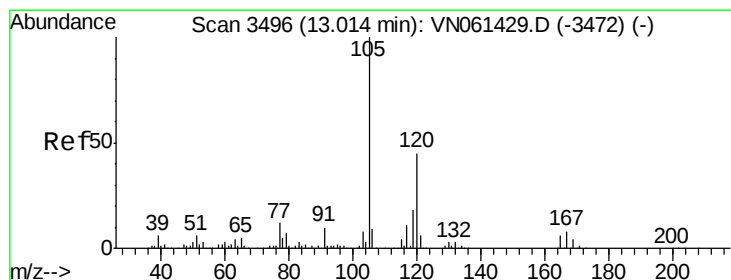
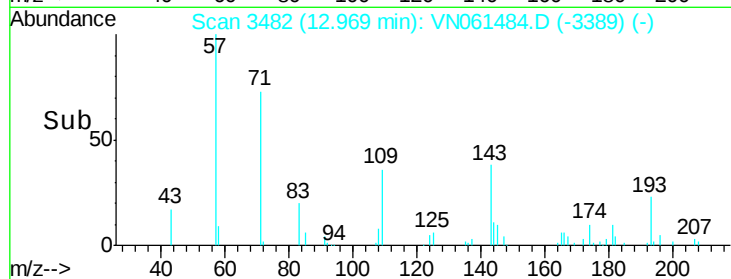
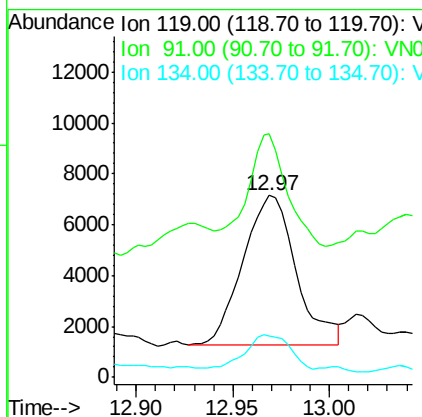
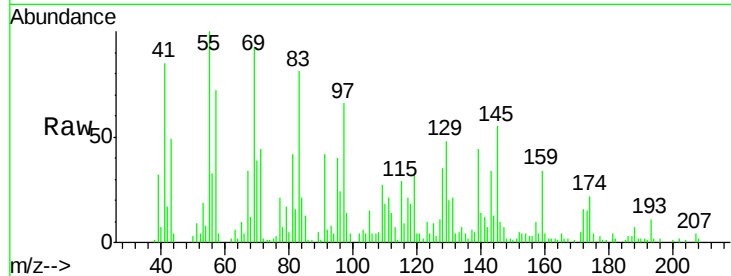




#83
tert-Butylbenzene
Concen: 0.544 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

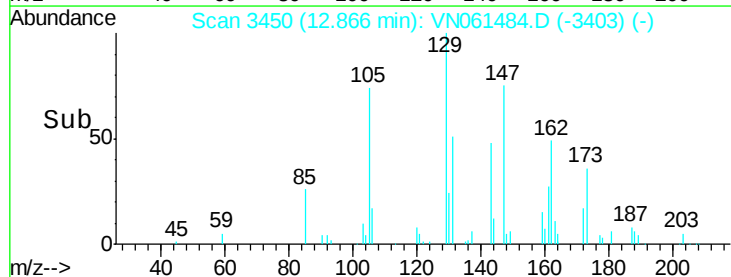
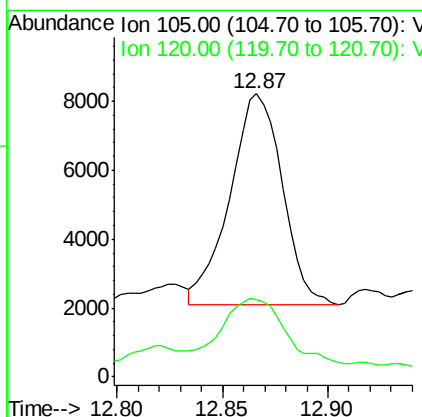
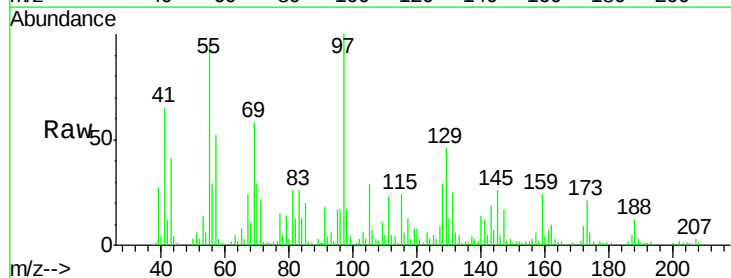
Instrument :
MSVOA_N
ClientSampled :

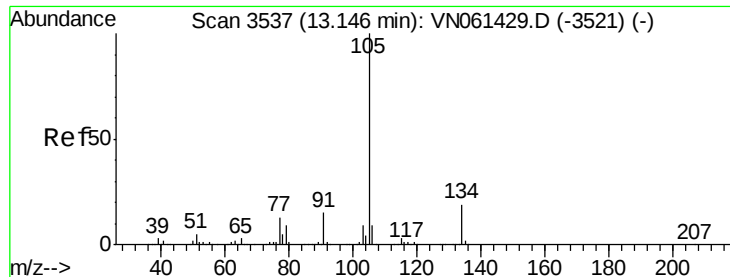
Tot Ion:119 Resp: 11227
Ion Ratio Lower Upper
119 100
91 58.5 33.7 101.0
134 0.0 12.8 38.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.439 ug/l
RT: 12.87 min Scan# 3450
Delta R.T. -0.15 min
Lab File: VN061484.D
Acq: 19 May 2020 15:33

Tgt Ion:105 Resp: 10579
Ion Ratio Lower Upper
105 100
120 37.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 10.180 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

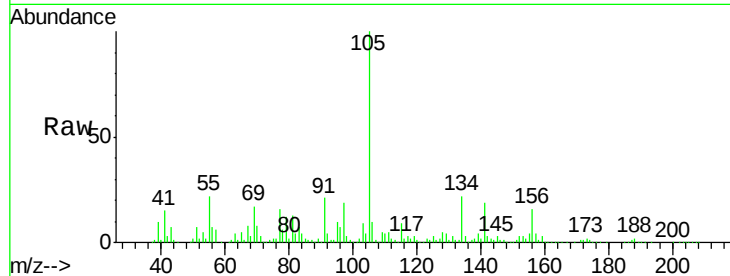
ClientSampleId :

Tot Ion:105 Resp: 283862

Ion Ratio Lower Upper

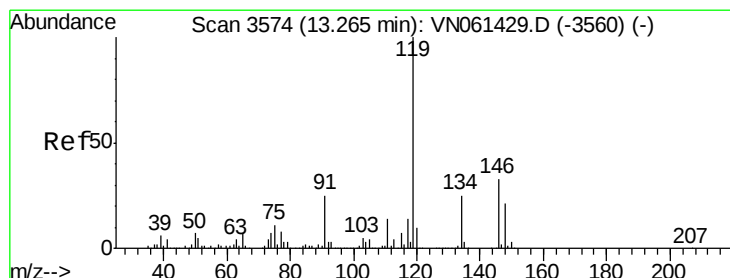
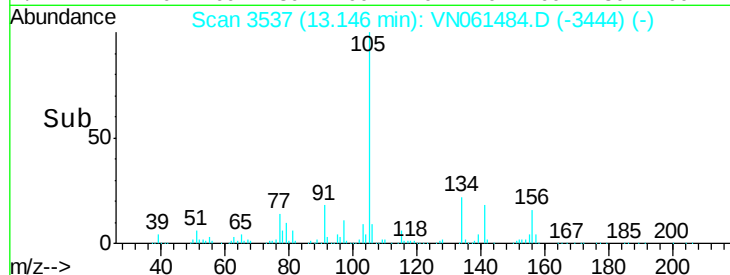
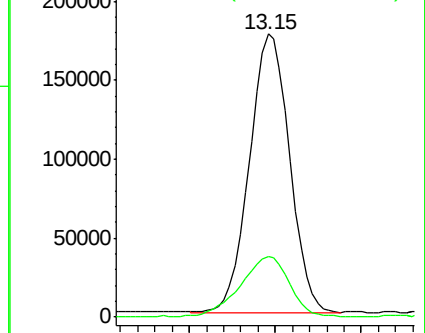
105 100

134 25.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.396 ug/l

RT: 13.42 min Scan# 3621

Delta R.T. 0.15 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

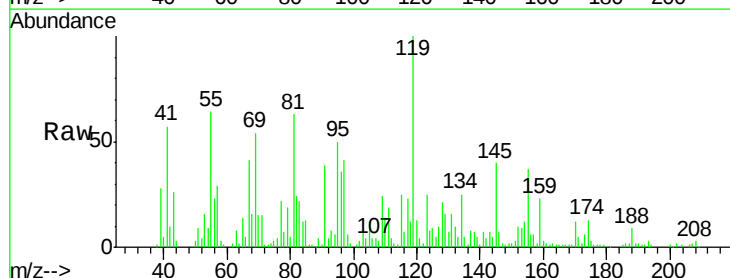
Tgt Ion:119 Resp: 59319

Ion Ratio Lower Upper

119 100

134 24.2 12.7 38.1

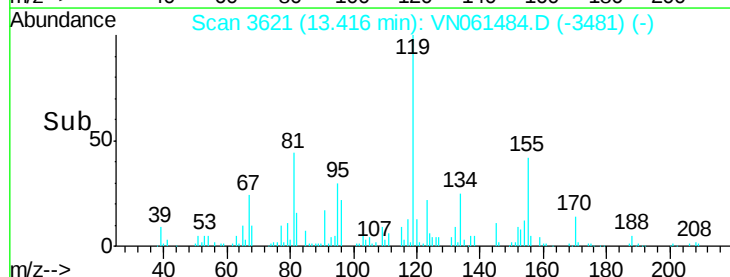
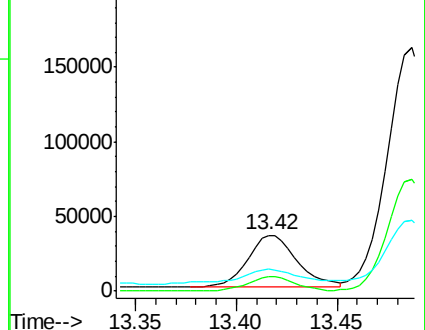
91 37.6 12.6 37.6

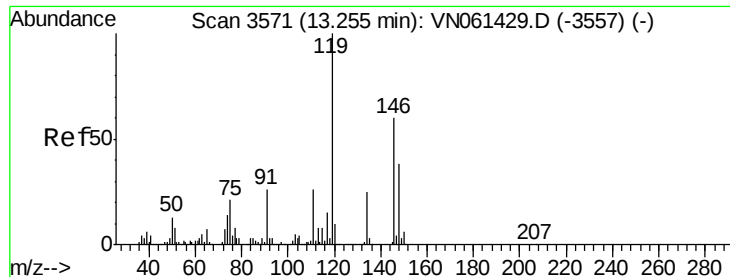


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.361 ug/l

RT: 13.27 min Scan# 3577

Delta R.T. 0.02 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

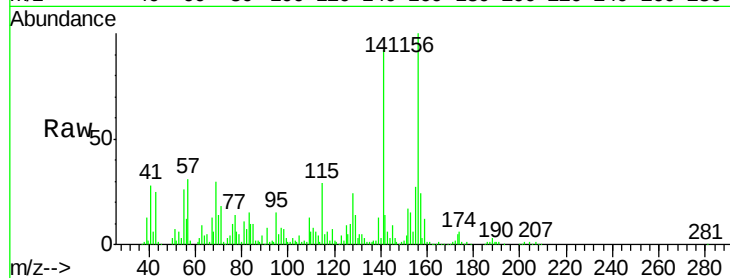
Tot Ion:146 Resp: 4215

Ion Ratio Lower Upper

146 100

111 0.0 21.5 64.5#

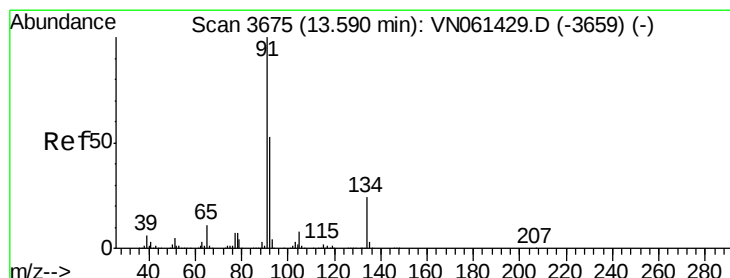
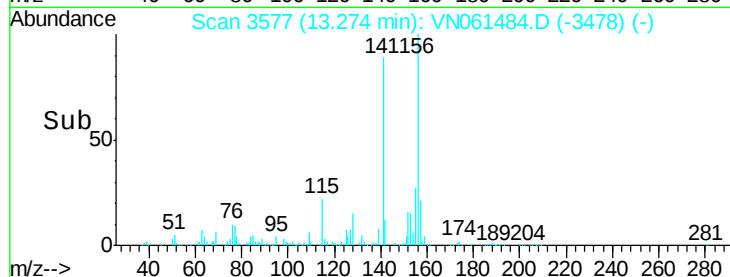
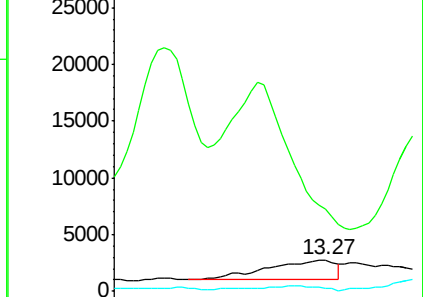
148 22.2 31.8 95.3#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 12.284 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

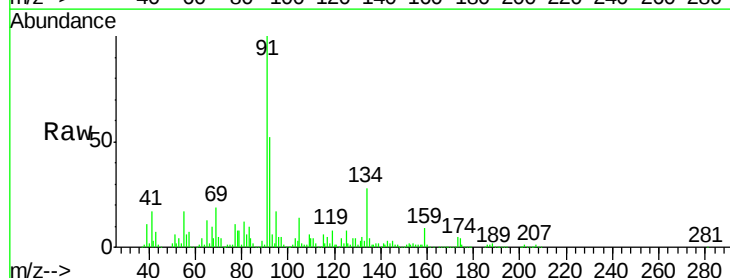
Tgt Ion: 91 Resp: 276333

Ion Ratio Lower Upper

91 100

92 47.5 26.8 80.3

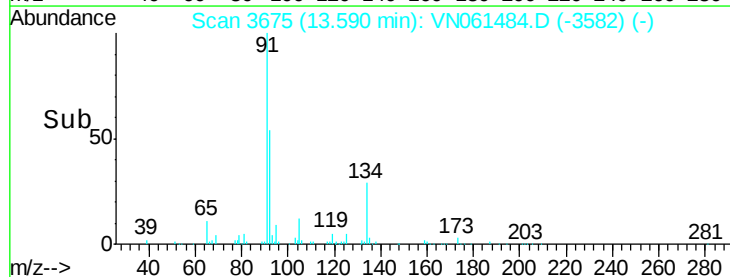
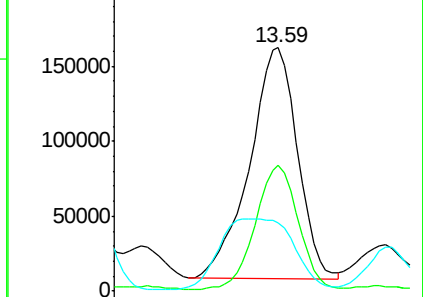
134 48.2 12.4 37.4#

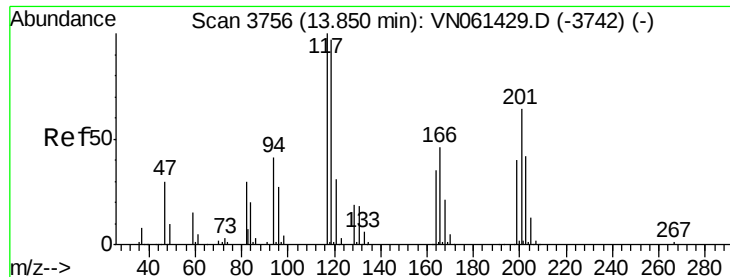


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 32.951 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

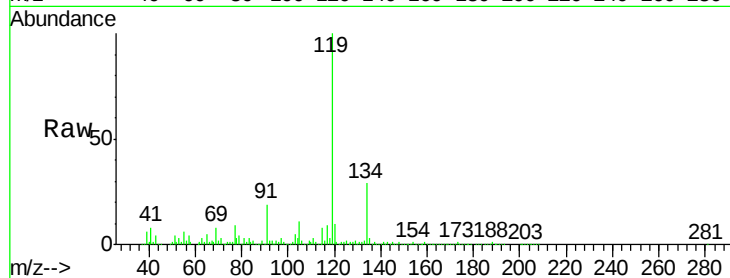
ClientSampled :

Tot Ion:117 Resp: 110572

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

150000

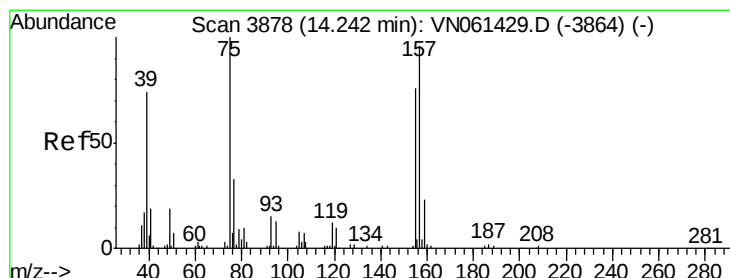
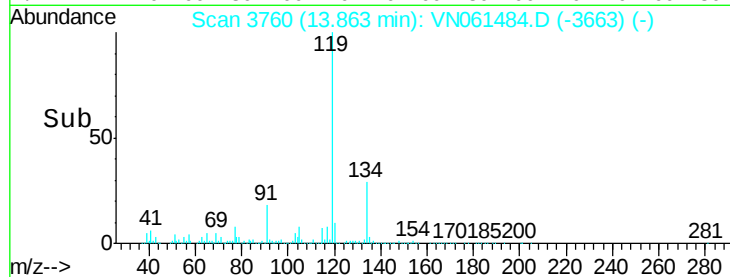
100000

50000

0

13.80 13.85 13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.782 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.02 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

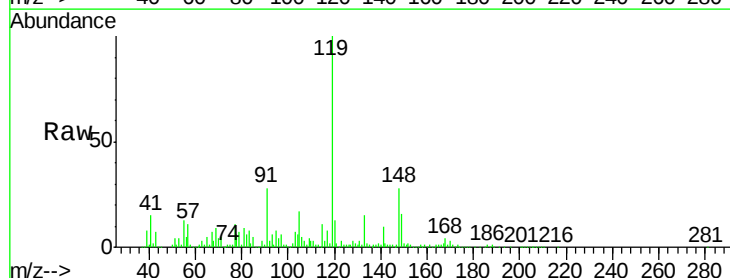
Tgt Ion: 75 Resp: 2911

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

157 12.2 48.6 145.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

10000

8000

6000

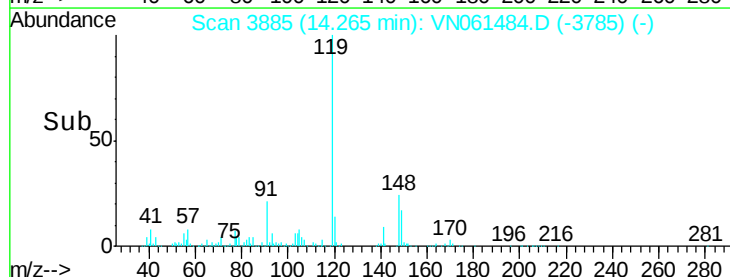
4000

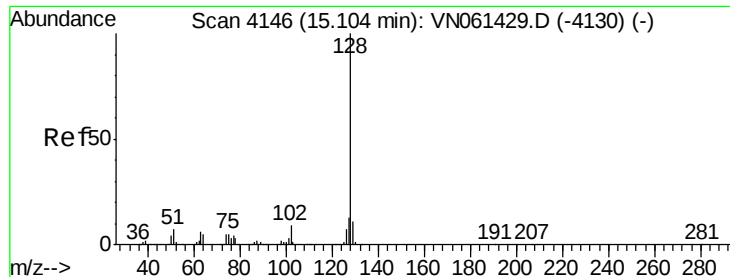
2000

0

14.25 14.30

Time-->





#95

Naphthalene

Concen: 32.147 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

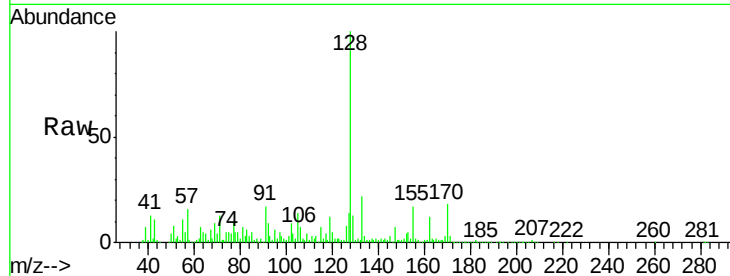
Tot Ion:128 Resp: 620736

Ion Ratio Lower Upper

128 100

127 15.6 10.1 15.1#

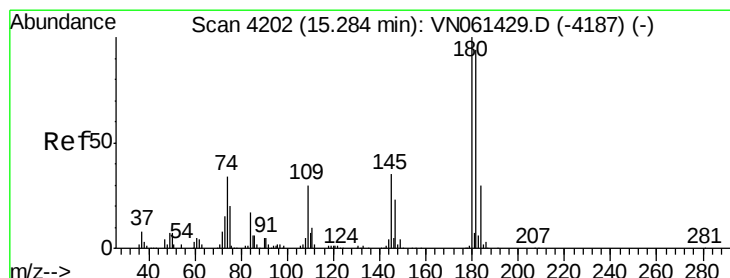
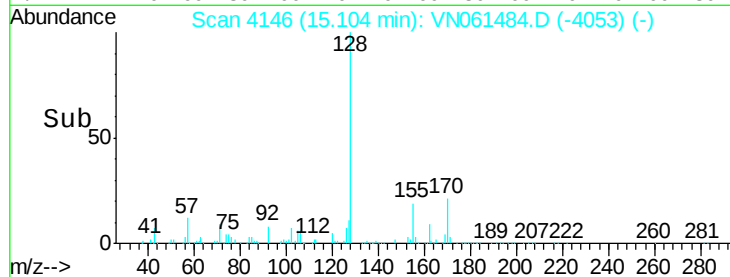
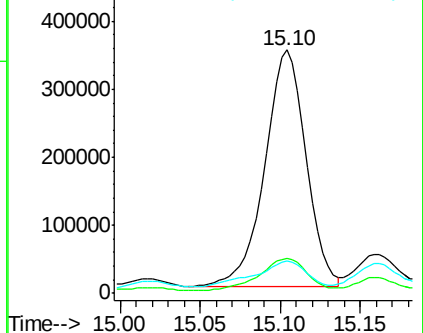
129 13.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.398 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.03 min

Lab File: VN061484.D

Acq: 19 May 2020 15:33

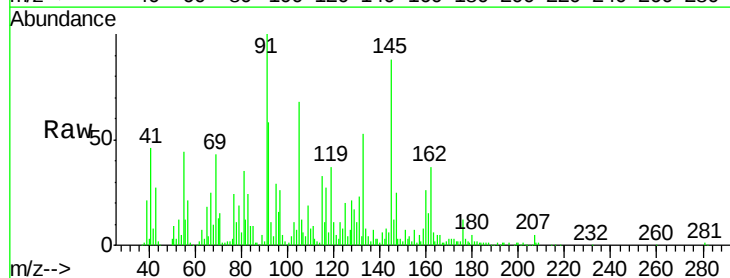
Tgt Ion:180 Resp: 2407

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 17.3 51.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

