

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061285.D
 Acq On : 5 May 2020 12:24
 Operator : JC/MD
 Sample : VN0505MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:43:35 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	96512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	171585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	64631	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	78584	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.54	113	50307	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.06	98	214475	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.37	95	76050	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

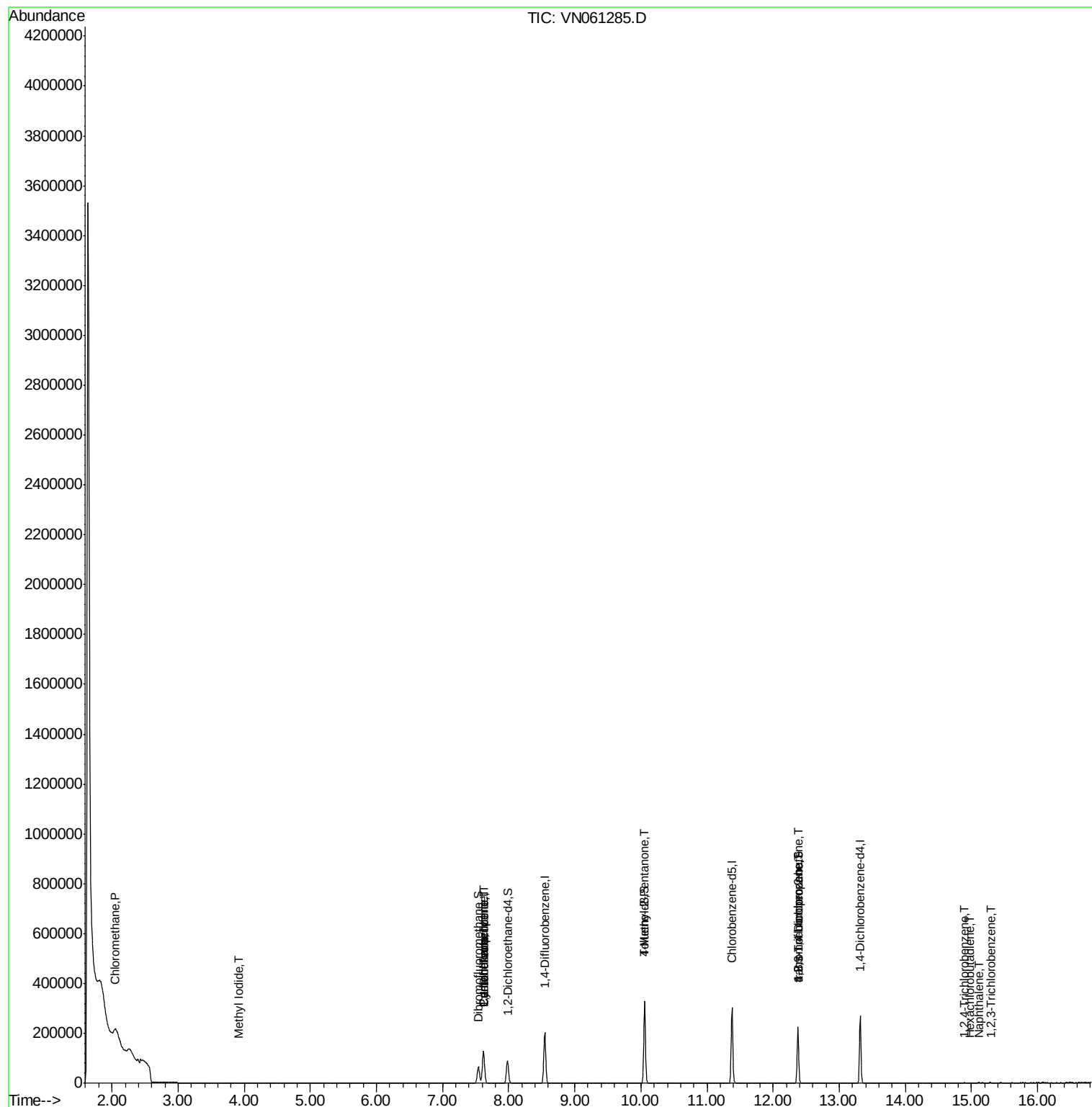
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	817	0.659	ug/l	97
10) Methyl Iodide	3.91	142	380	0.289	ug/l #	46
16) Acetone	3.78	43	832	Below Cal	#	47
31) Cyclohexane	7.62	56	2619	1.179	ug/l #	16
36) 1,1-Dichloropropene	7.62	75	8866	5.162	ug/l #	50
38) Carbon Tetrachloride	7.62	117	10581	8.730	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1080	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	42934	31.509	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	42934	80.017	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.89	180	361	0.306	ug/l #	83
94) Hexachlorobutadiene	14.98	225	104	0.211	ug/l #	18
95) Naphthalene	15.10	128	1805	0.470	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	377	0.324	ug/l #	62

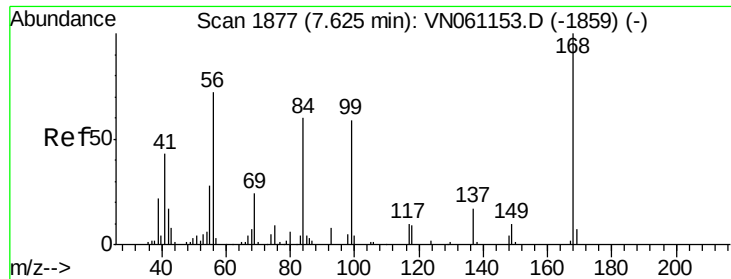
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050520\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 03:43:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

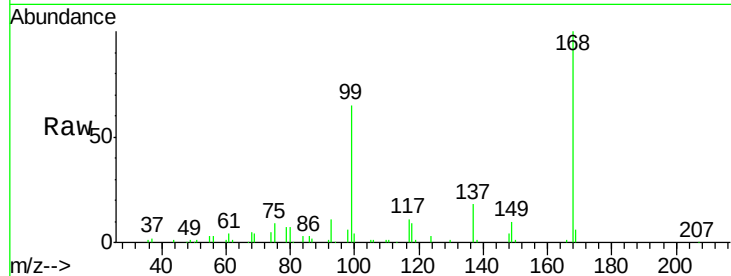
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 96512

Ion Ratio Lower Upper

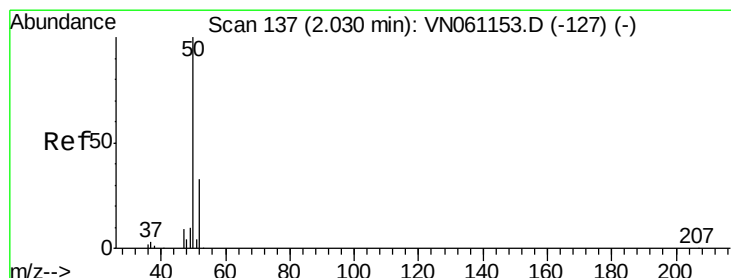
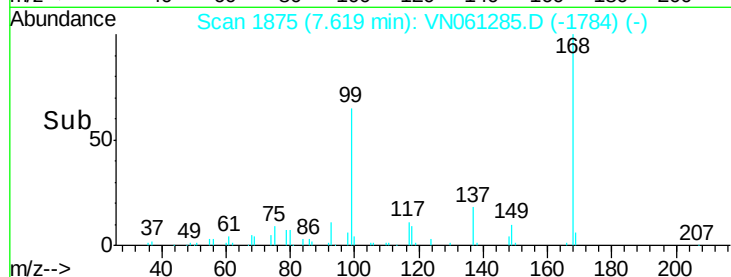
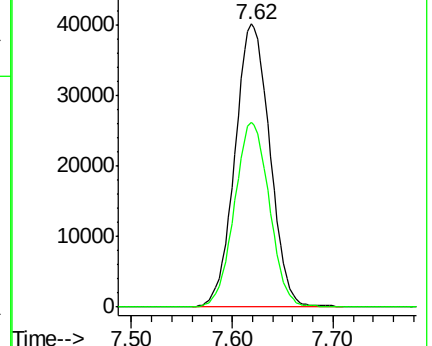
168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.659 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061285.D

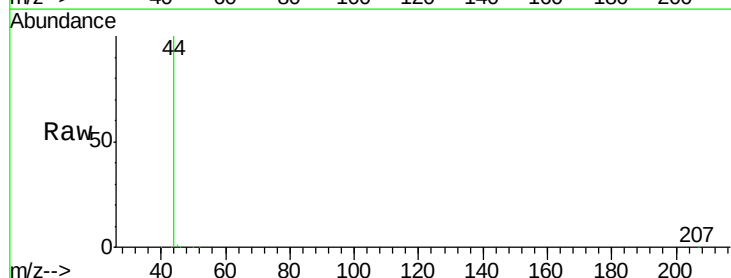
Acq: 5 May 2020 12:24

Tgt Ion: 50 Resp: 817

Ion Ratio Lower Upper

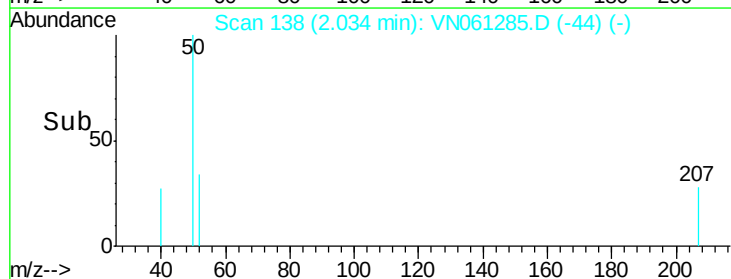
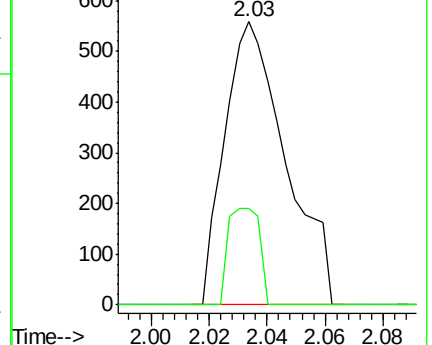
50 100

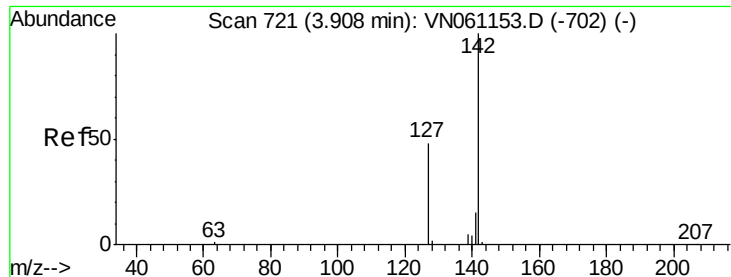
52 34.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

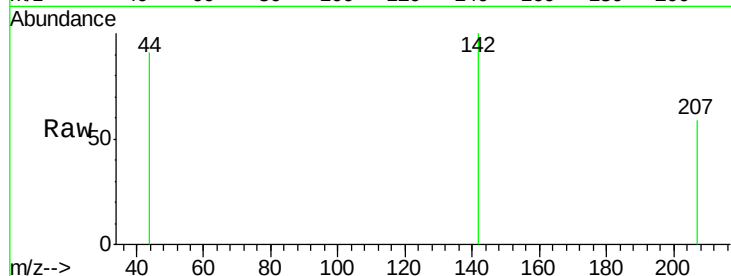




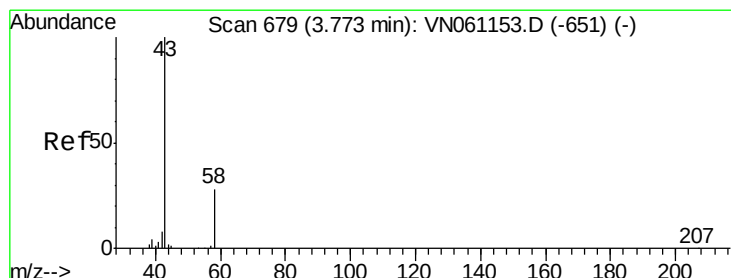
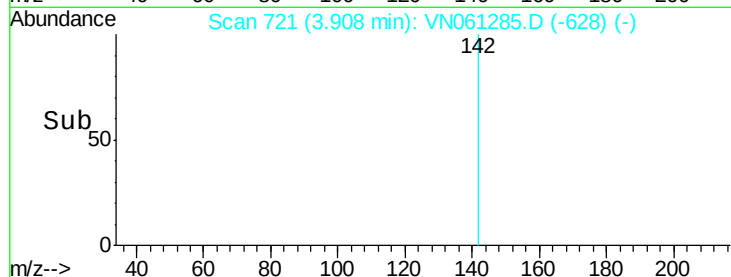
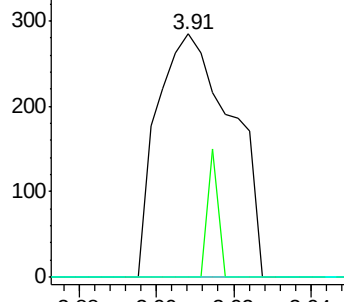
#10
Methvl Iodide
Concen: 0.289 ug/l
RT: 3.91 min Scan# 721
Delta R.T. 0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 7.6 38.0 57.0#
141 0.0 11.7 17.5#

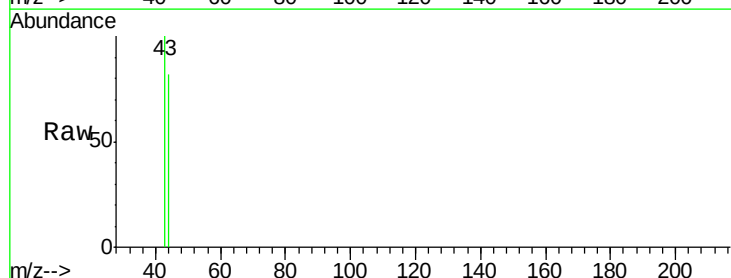


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

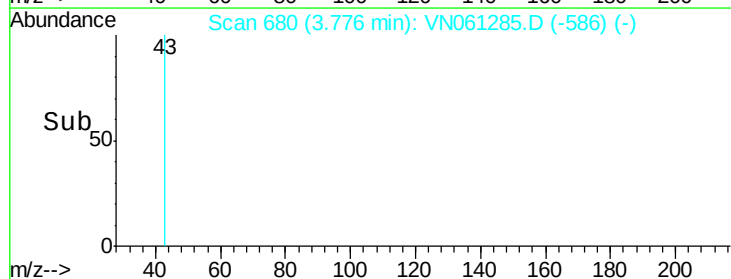
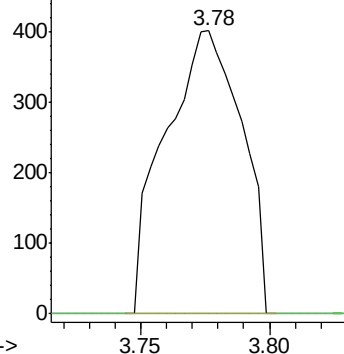


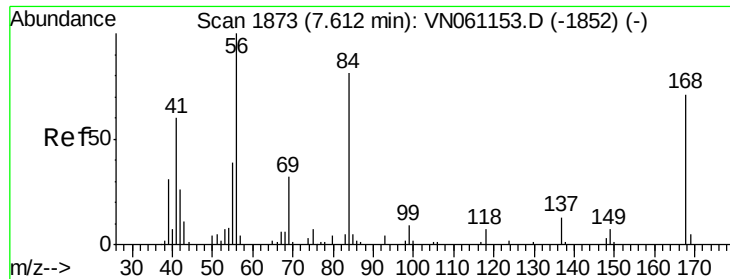
#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V

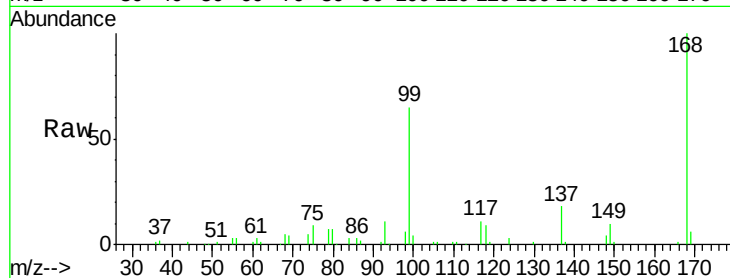




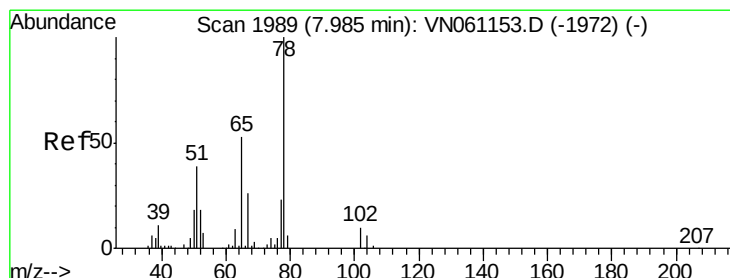
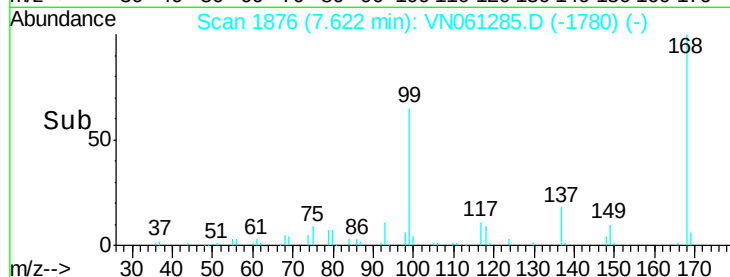
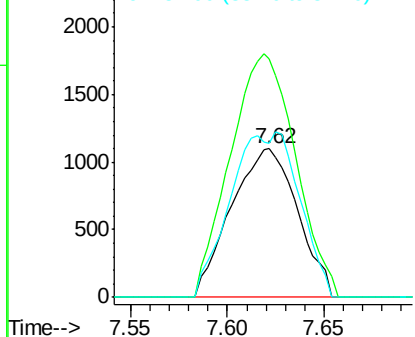
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2619
Ion Ratio Lower Upper
56 100
69 160.5 25.7 38.5#
84 103.6 64.6 97.0#

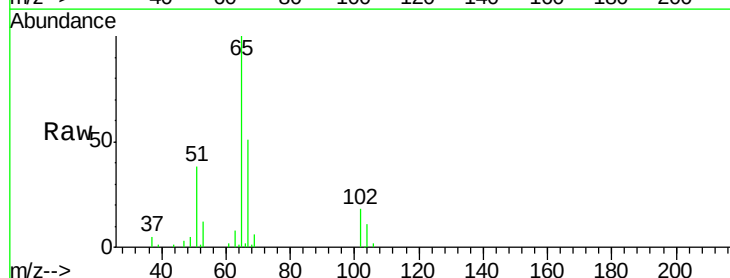


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

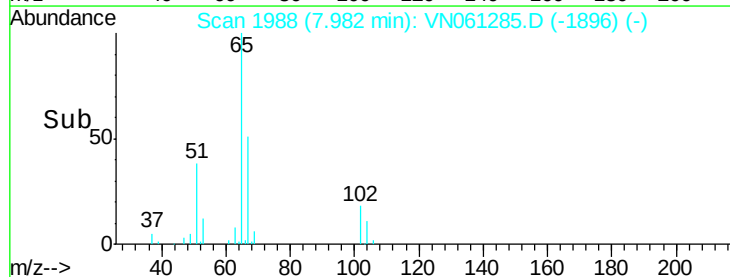
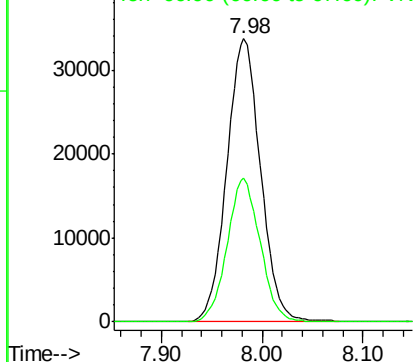


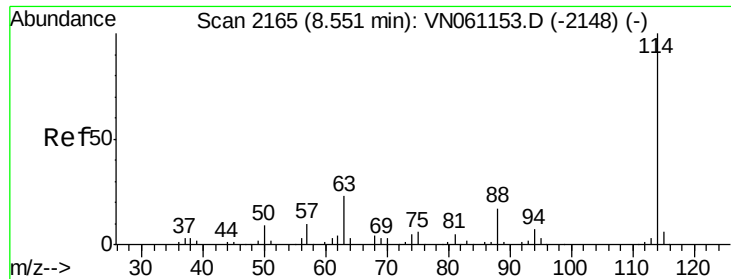
#33
1,2-Dichloroethane-d4
Concen: 51.459 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion: 65 Resp: 78584
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

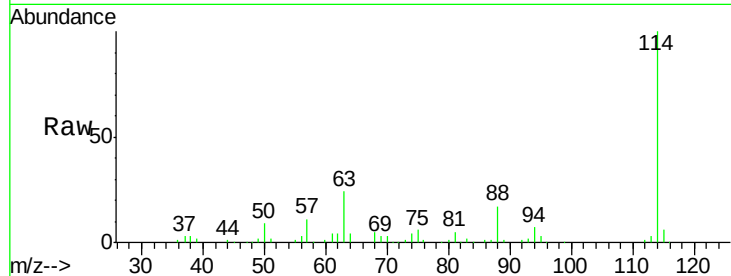




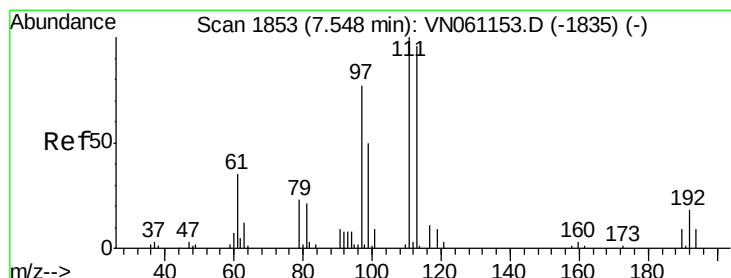
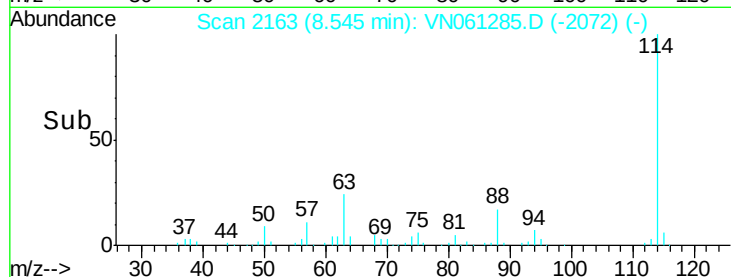
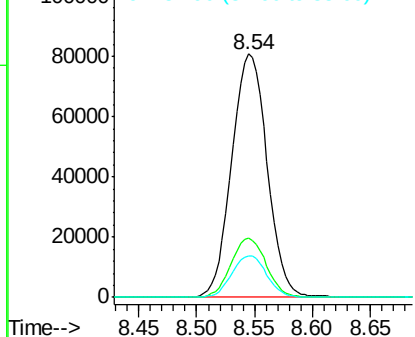
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.54 min Scan# 2163
Delta R.T. -0.01 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 171585
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.6
88 17.1 0.0 33.4

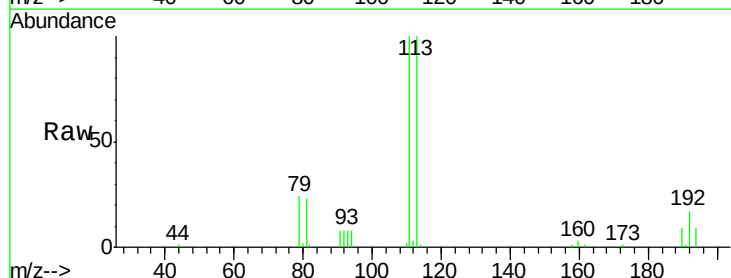


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

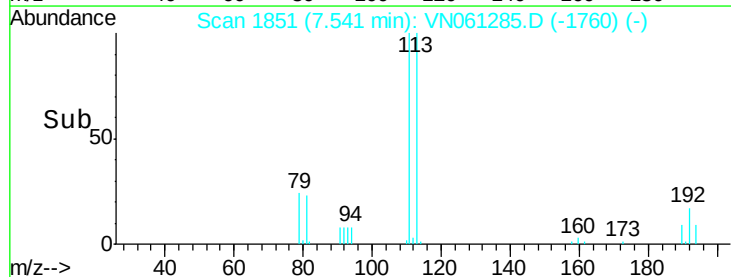
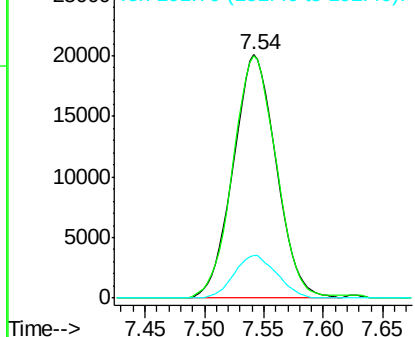


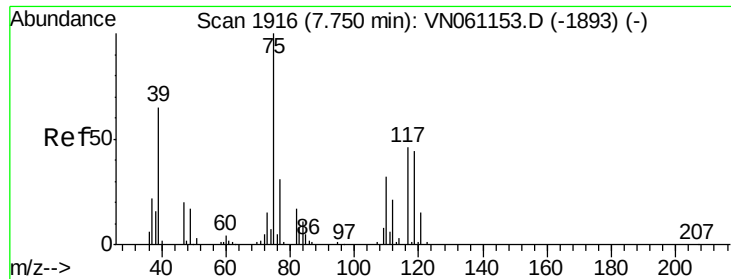
#35
Dibromofluoromethane
Concen: 49.582 ug/l
RT: 7.54 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion:113 Resp: 50307
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 17.4 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

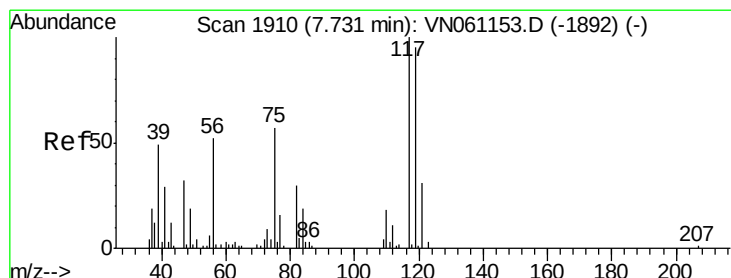
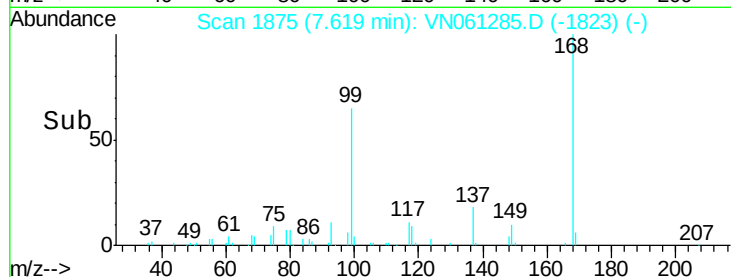
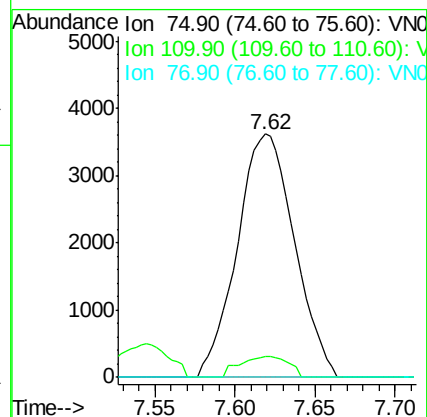
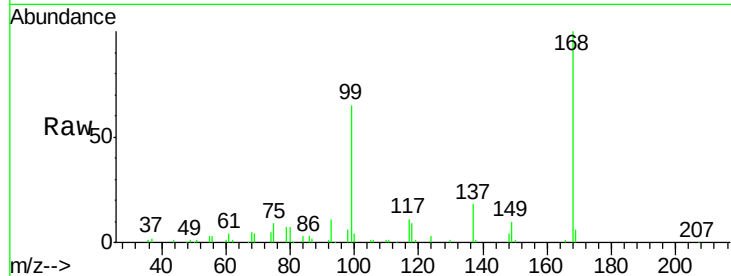




#36
 1,1-Dichloropropene
 Concen: 5.162 ug/l
 RT: 7.62 min Scan# 1875
 Delta R.T. -0.13 min
 Lab File: VN061285.D
 Acq: 5 May 2020 12:24

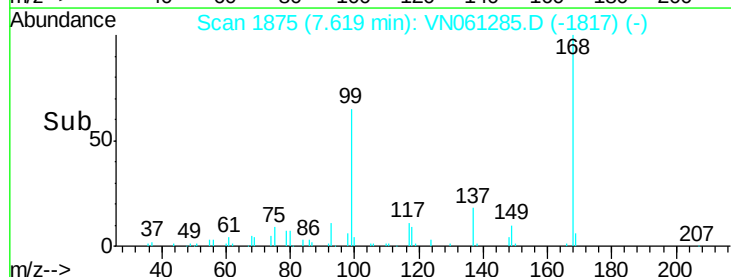
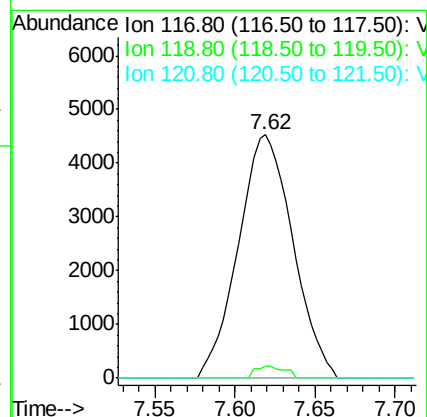
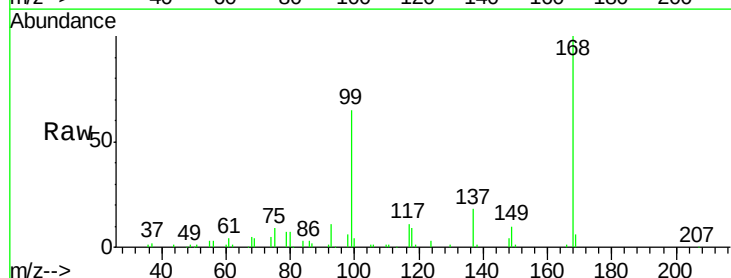
Instrument :
 MSVOA_N
 ClientSampled :

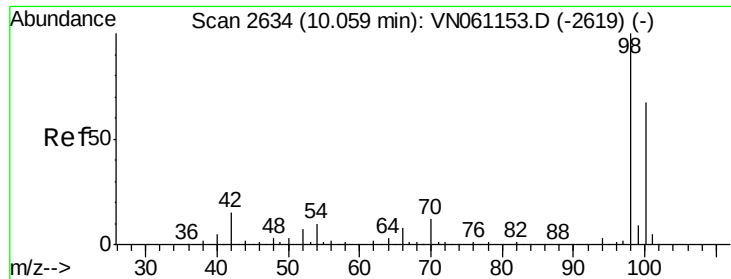
Tot Ion: 75 Resp: 8866
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.730 ug/l
 RT: 7.62 min Scan# 1875
 Delta R.T. -0.11 min
 Lab File: VN061285.D
 Acq: 5 May 2020 12:24

Tgt Ion: 117 Resp: 10581
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.8 113.6#
 121 0.0 24.7 37.1#

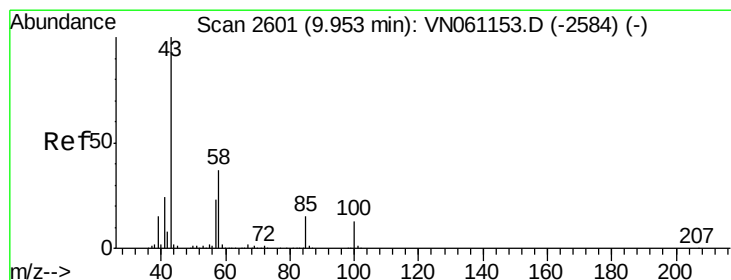
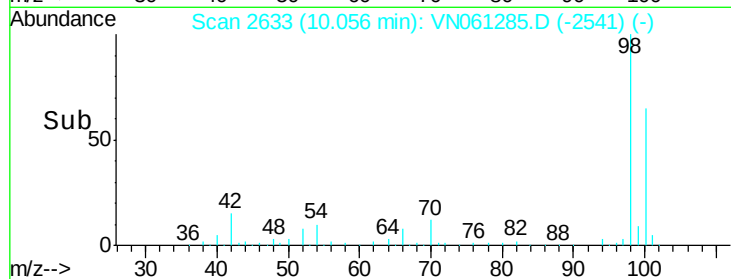
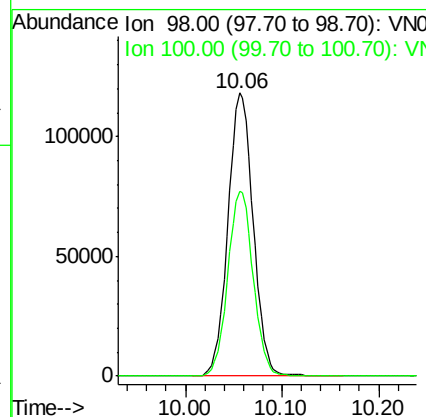
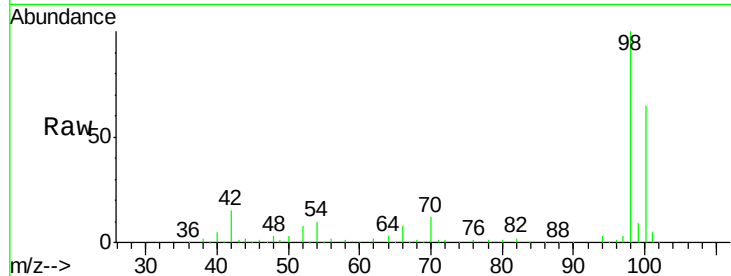




#50
Toluene-d8
Concen: 51.854 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

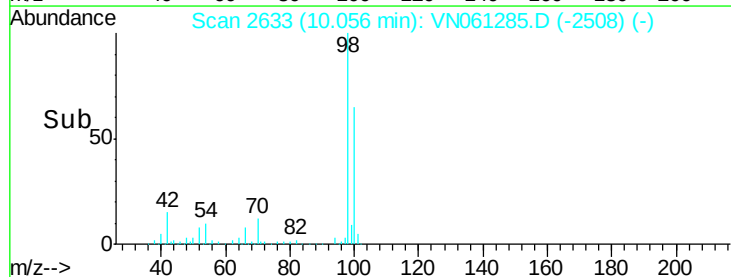
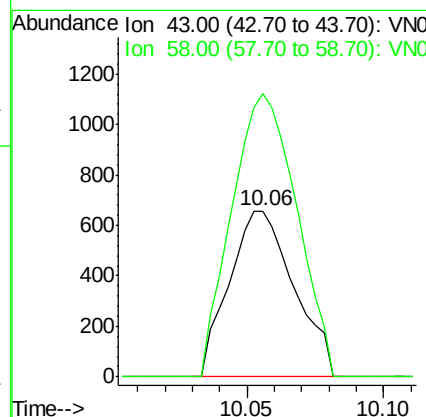
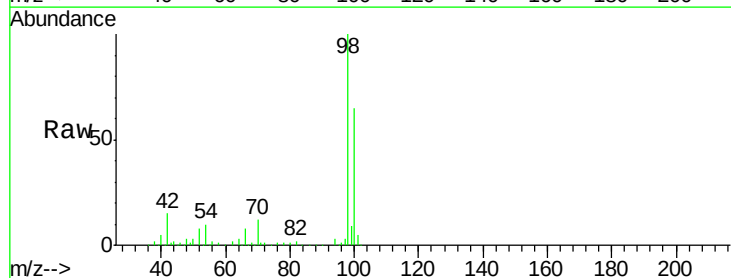
Instrument :
MSVOA_N
ClientSampleId :

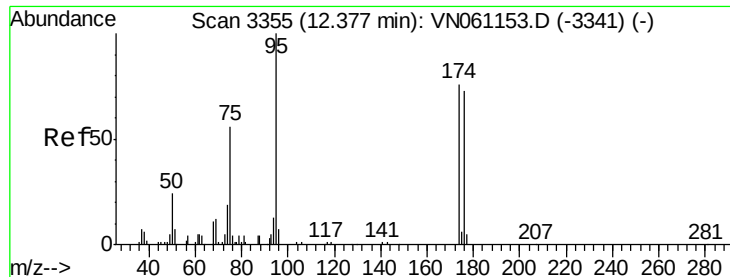
Tot Ion: 98 Resp: 214475
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. 0.10 min
Lab File: VN061285.D
Acq: 5 May 2020 12:24

Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 171.3 29.1 43.7#





#62

4-Bromofluorobenzene

Concen: 48.860 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

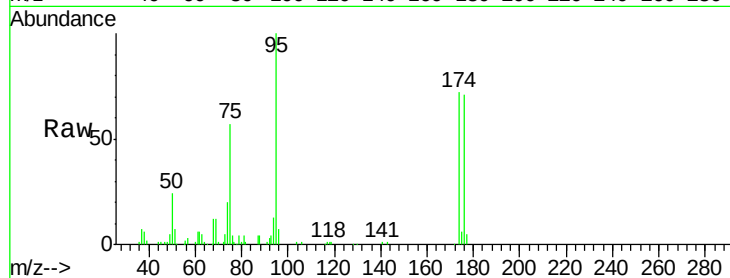
Tot Ion: 95 Resp: 76050

Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.4

176 70.0 0.0 144.8

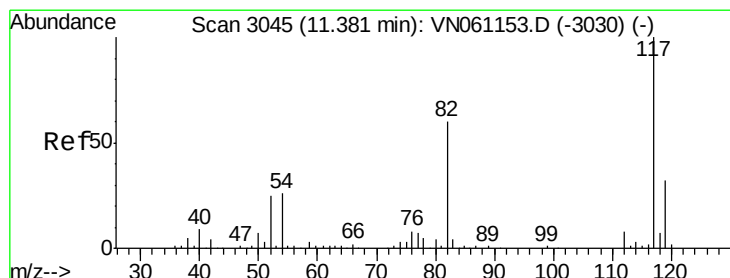
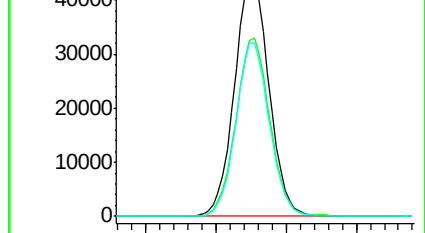
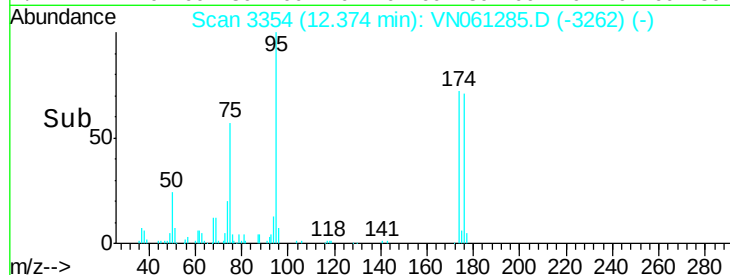


Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3044

Delta R.T. -0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

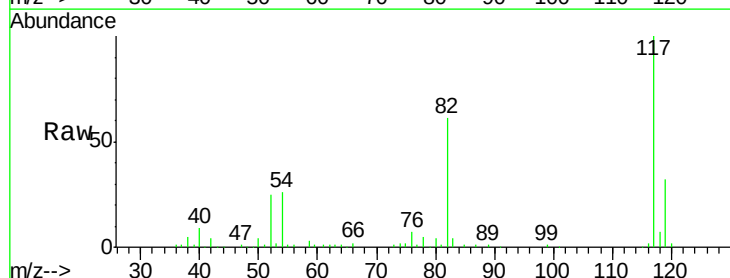
Tgt Ion: 117 Resp: 160921

Ion Ratio Lower Upper

117 100

82 60.5 47.8 71.8

119 32.0 25.8 38.6

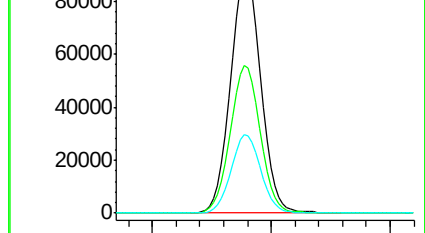
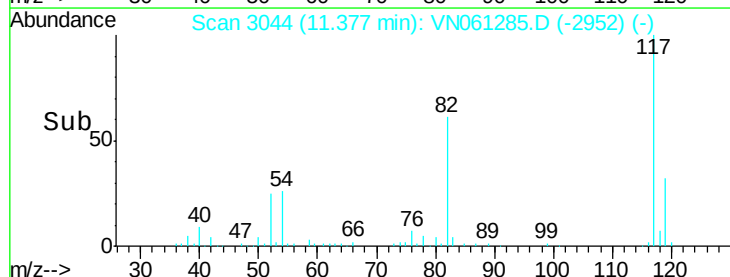


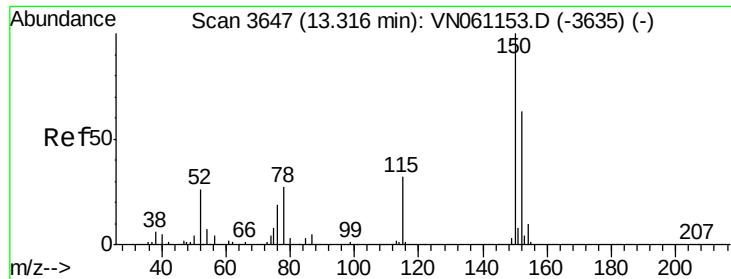
Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

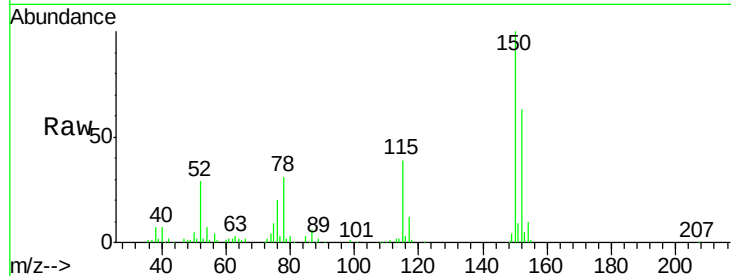
Tot Ion:152 Resp: 64631

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

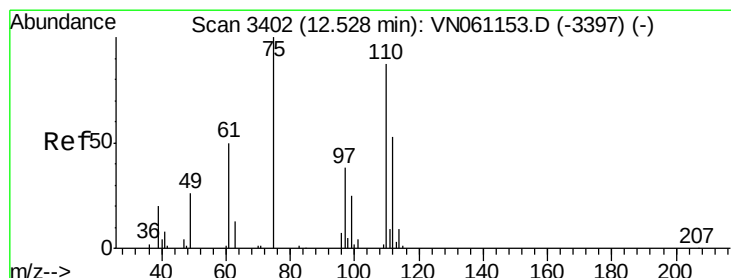
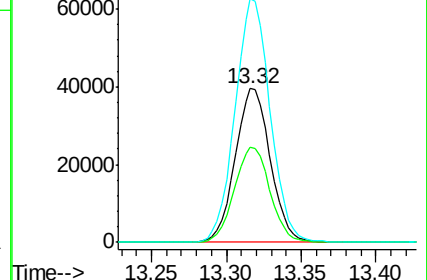
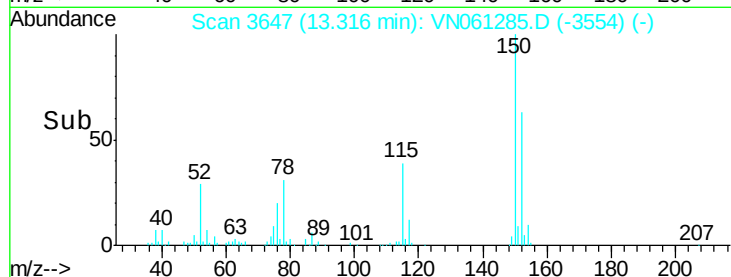
150 158.8 0.0 351.8



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



#76

1,2,3-Trichloropropane

Concen: 31.509 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061285.D

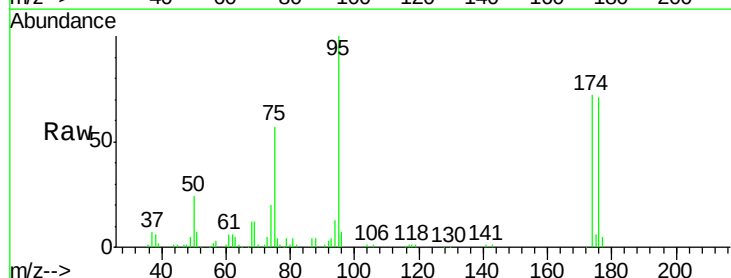
Acq: 5 May 2020 12:24

Tgt Ion: 75 Resp: 42934

Ion Ratio Lower Upper

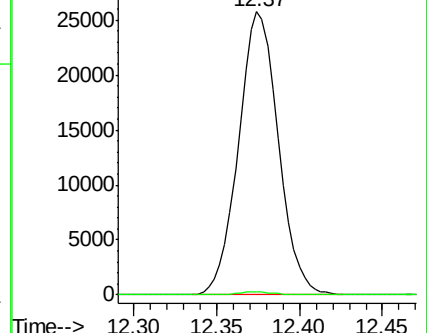
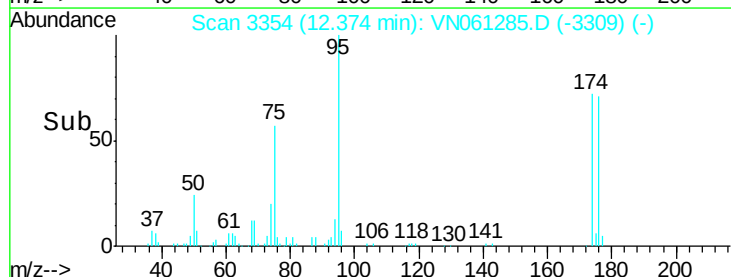
75 100

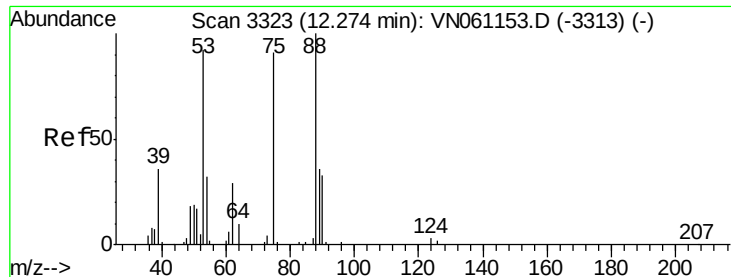
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 80.017 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.10 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

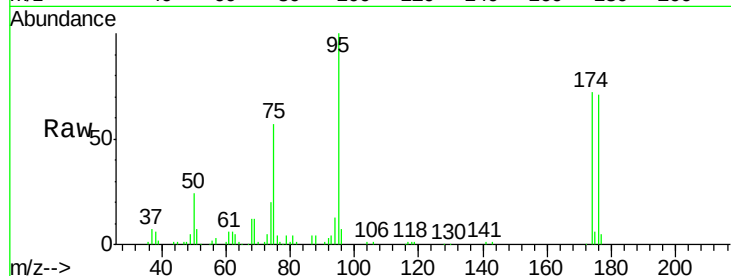
Tot Ion: 75 Resp: 42934

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

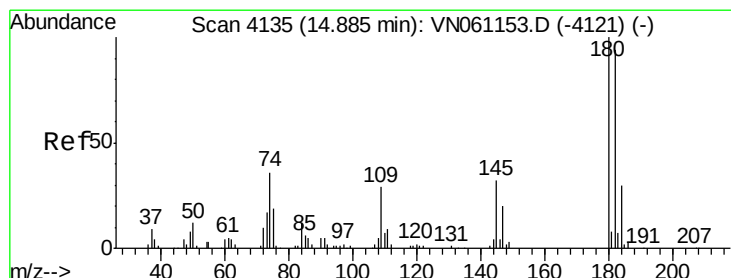
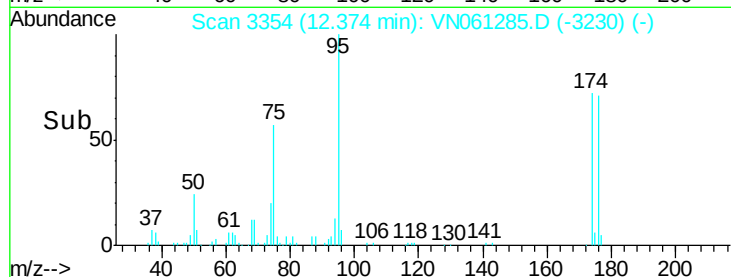
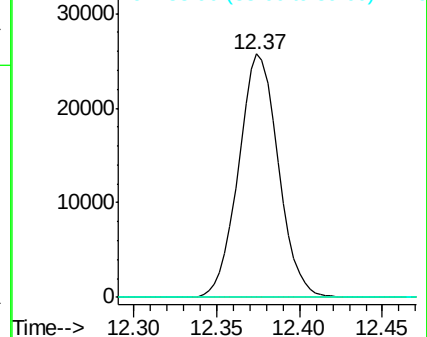
89 0.0 35.2 52.8#



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

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

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



#93

1,2,4-Trichlorobenzene

Concen: 0.306 ug/l

RT: 14.89 min Scan# 4135

Delta R.T. 0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

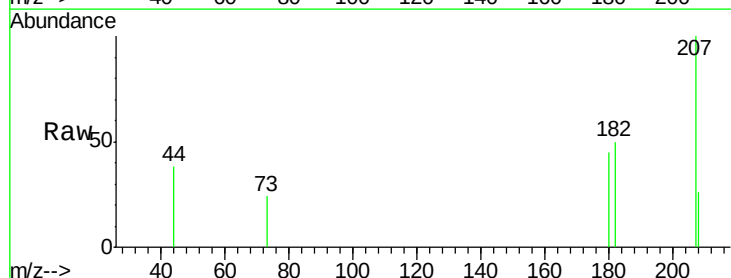
Tgt Ion:180 Resp: 361

Ion Ratio Lower Upper

180 100

182 90.9 47.3 141.9

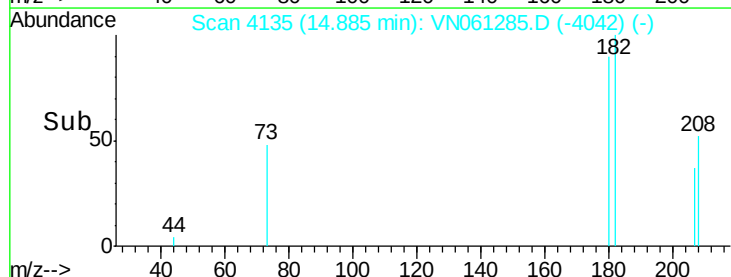
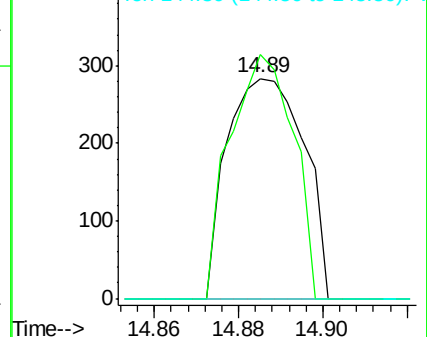
145 0.0 16.0 47.9#

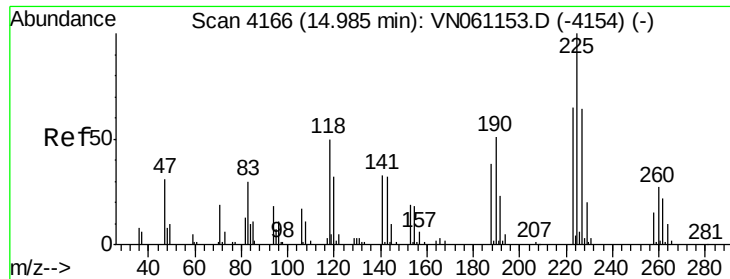


Abundance Ion 179.80 (179.50 to 180.50): VN061153.D (-4121) (-)

Ion 181.80 (181.50 to 182.50): VN061153.D (-4121) (-)

Ion 144.80 (144.50 to 145.50): VN061153.D (-4121) (-)





#94

Hexachlorobutadiene

Concen: 0.211 ug/l

RT: 14.98 min Scan# 4165

Delta R.T. -0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

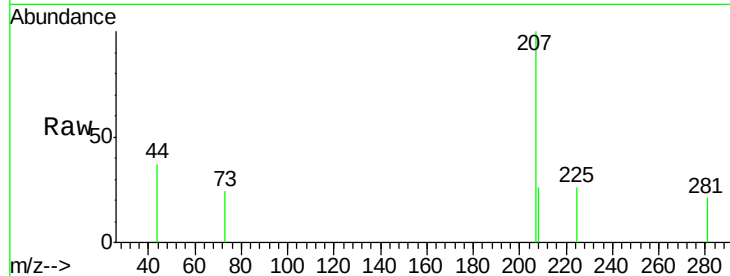
Tot Ion:225 Resp: 104

Ion Ratio Lower Upper

225 100

223 0.0 32.4 97.0#

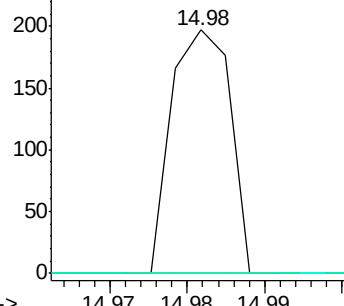
227 0.0 32.4 97.0#



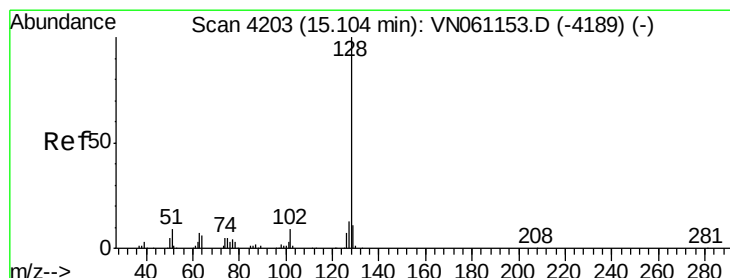
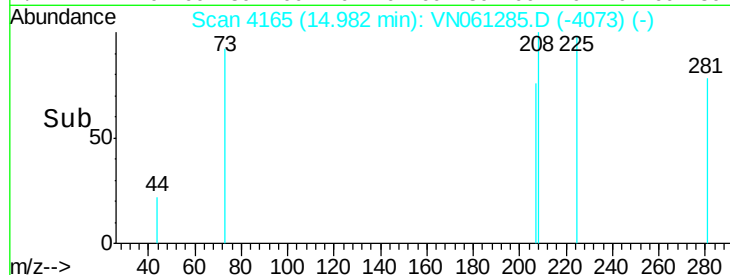
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 0.470 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061285.D

Acq: 5 May 2020 12:24

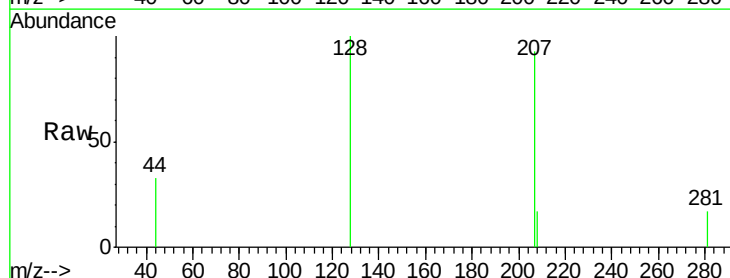
Tgt Ion:128 Resp: 1805

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

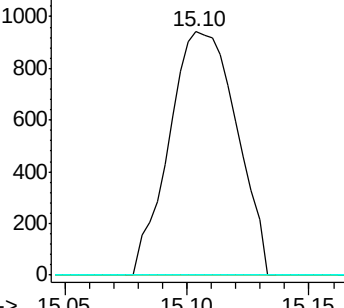
129 0.0 8.7 13.1#



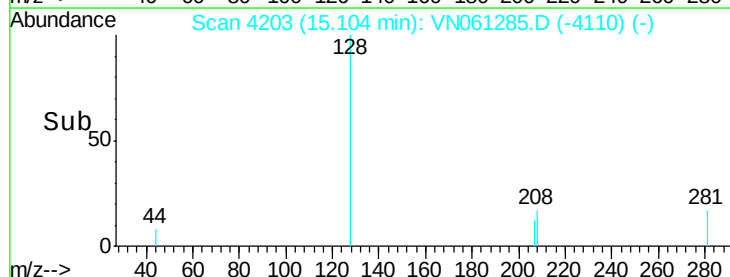
Abundance Ion 128.00 (127.70 to 128.70): V

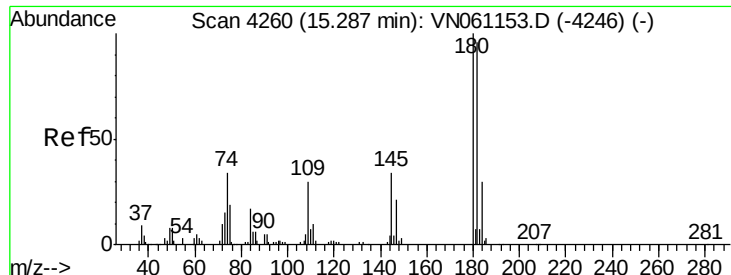
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.324 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN061285.D
 Acq: 5 May 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	65.3	47.5	142.5
145	0.0	16.9	50.7#

