

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062485.D
 Acq On : 10 Jul 2020 11:42
 Operator : JC/MD
 Sample : VN0710WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	186736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116051	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	143203	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
35) Dibromofluoromethane	7.55	113	104294	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	10.06	98	424006	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.38	95	148856	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	

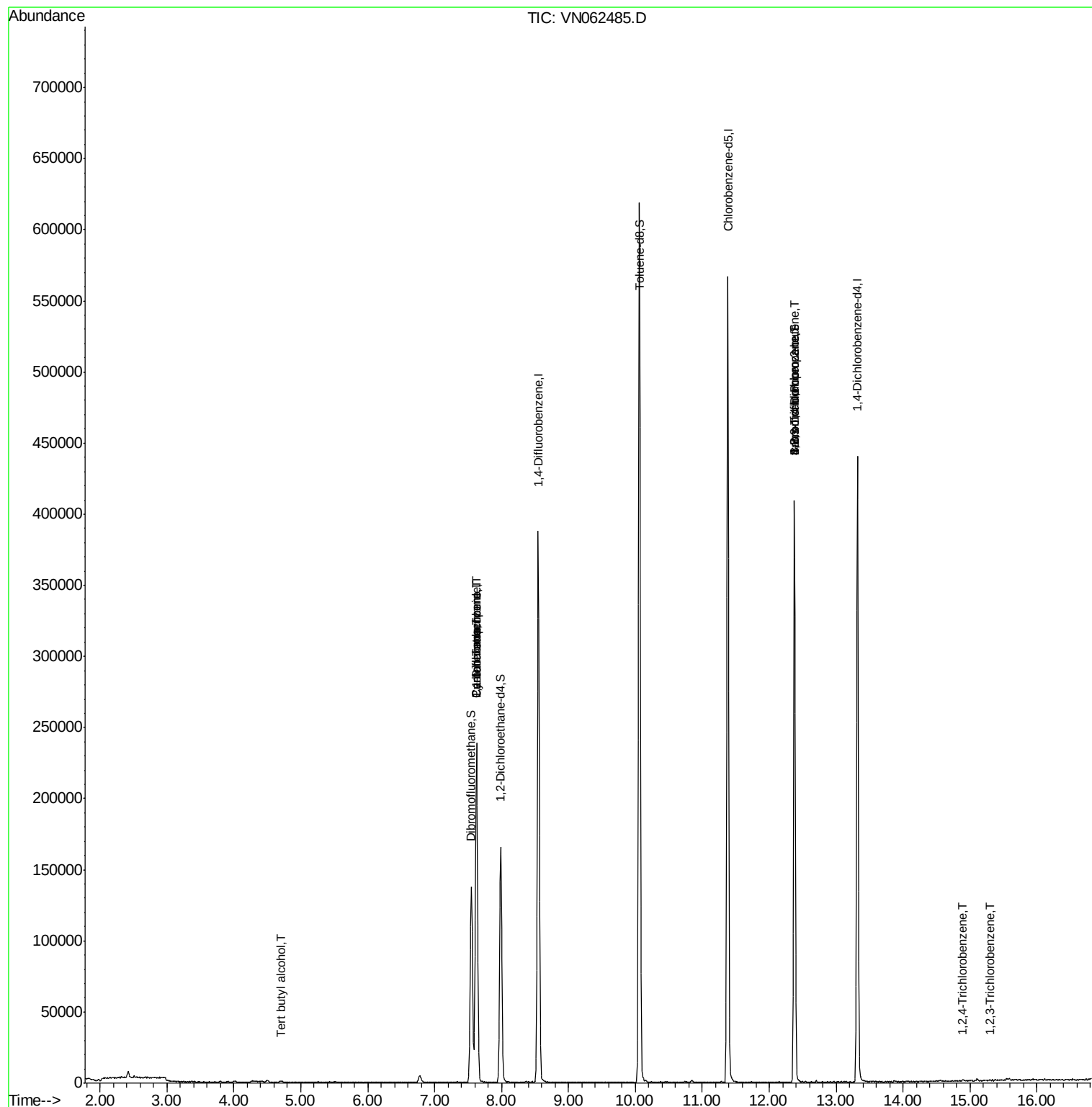
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	806	1.692	ug/l #	74
31) Cyclohexane	7.63	56	4545	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	16240	4.916	ug/l #	51
38) Carbon Tetrachloride	7.62	117	18900	6.364	ug/l #	15
71) Bromoform	12.37	173	345	0.208	ug/l #	29
76) 1,2,3-Trichloropropane	12.38	75	77949	27.375	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77949	73.270	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	166	3.903	ug/l #	12
95) Naphthalene	15.11	128	1620	Below Cal	#	70
96) 1,2,3-Trichlorobenzene	15.30	180	219	3.332	ug/l #	49

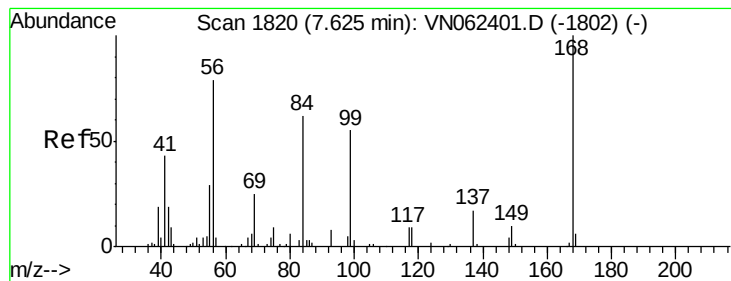
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071020\
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MSVOA_N
ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

Instrument :

MSVOA_N

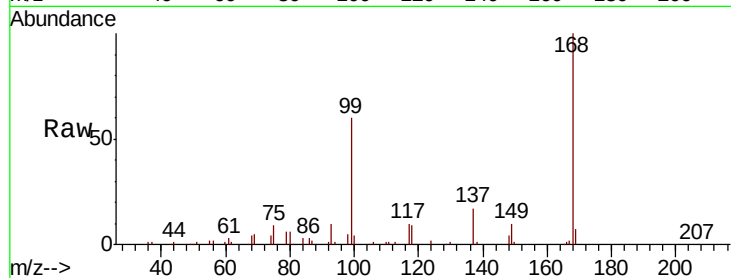
ClientSampled :

Tot Ion:168 Resp: 186736

Ion Ratio Lower Upper

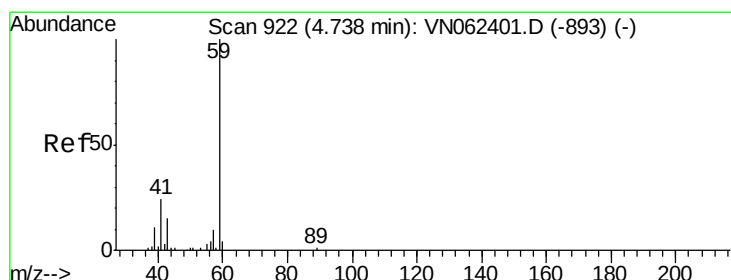
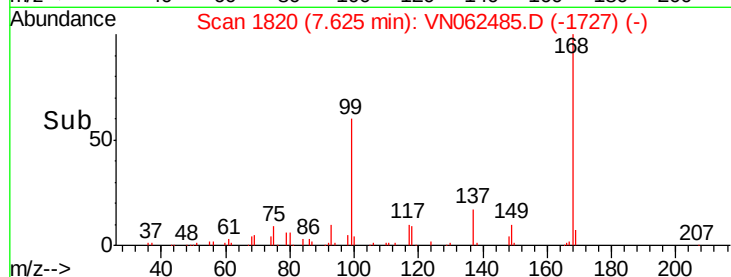
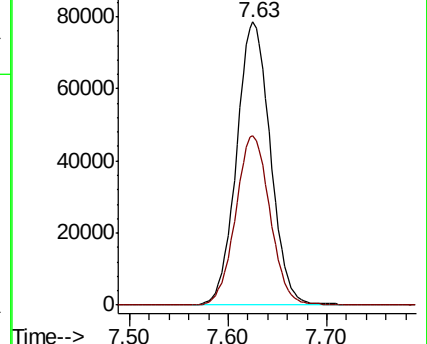
168 100

99 59.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.692 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.04 min

Lab File: VN062485.D

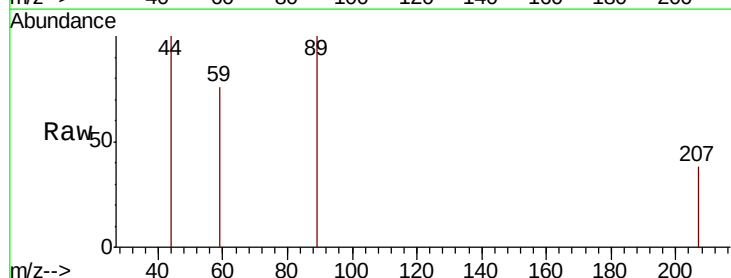
Acq: 10 Jul 2020 11:42

Tgt Ion: 59 Resp: 806

Ion Ratio Lower Upper

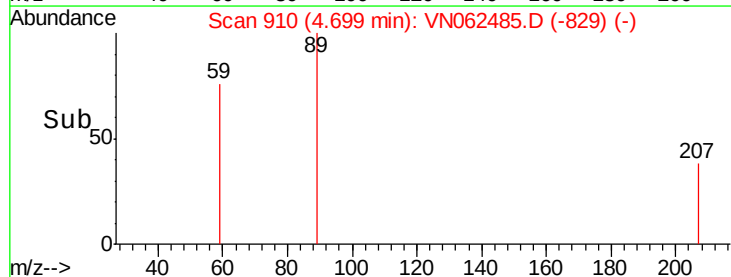
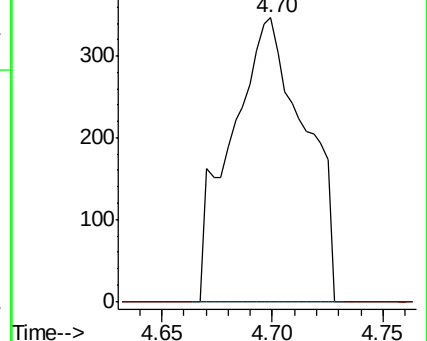
59 100

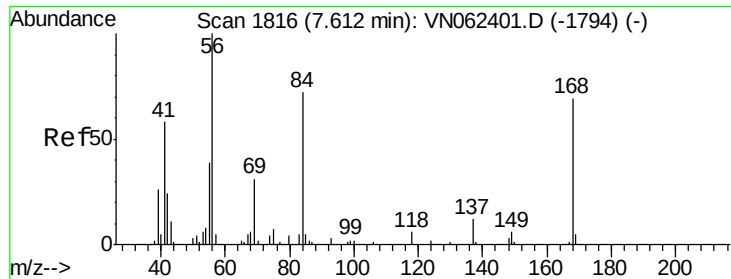
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

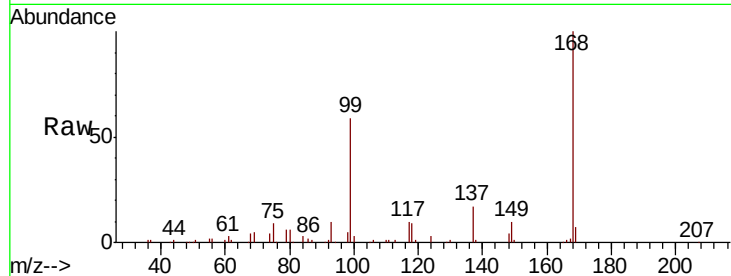




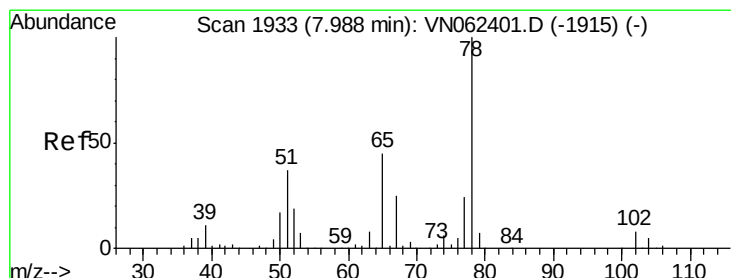
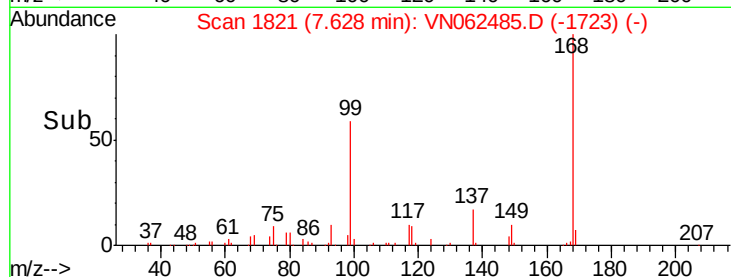
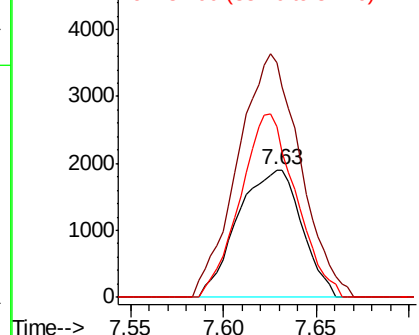
#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062485.D
Acq: 10 Jul 2020 11:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 4545
Ion Ratio Lower Upper
56 100
69 183.2 24.5 36.7#
84 133.3 57.4 86.2#

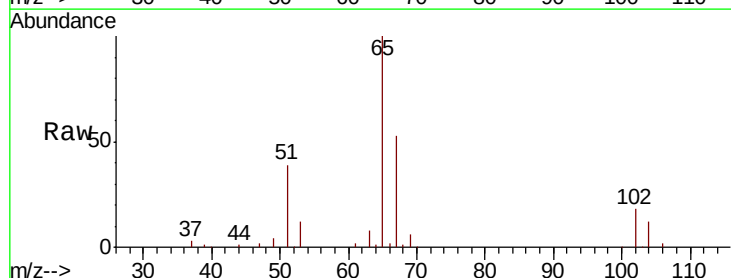


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

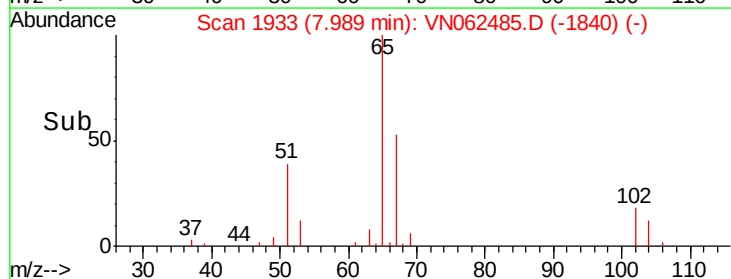
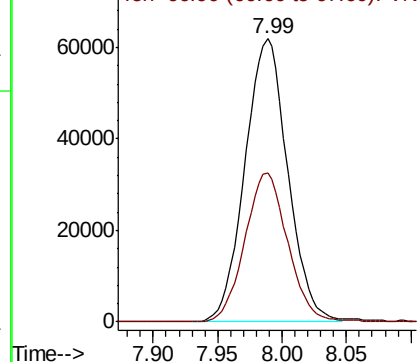


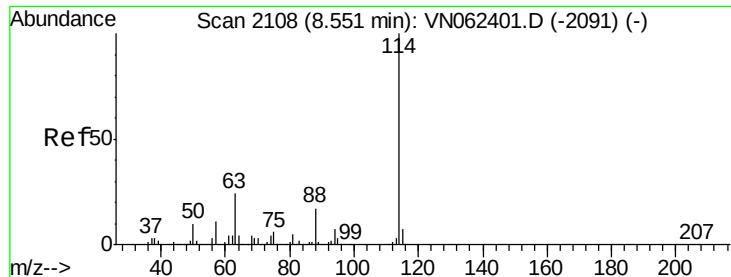
#33
1,2-Dichloroethane-d4
Concen: 49.858 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062485.D
Acq: 10 Jul 2020 11:42

Tgt Ion: 65 Resp: 143203
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.6



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

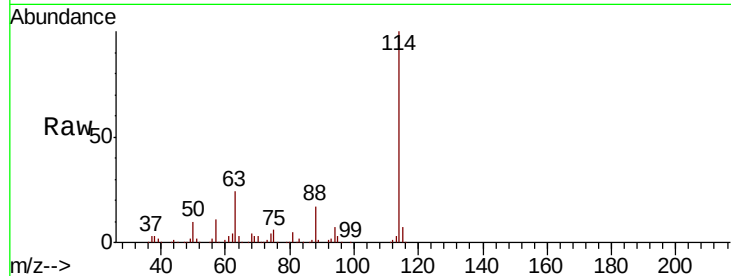




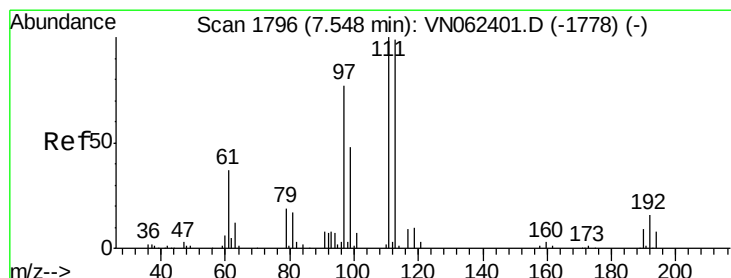
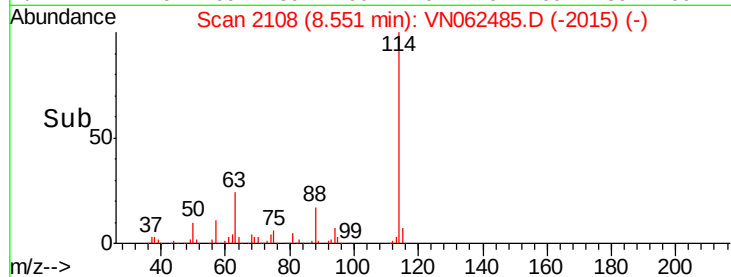
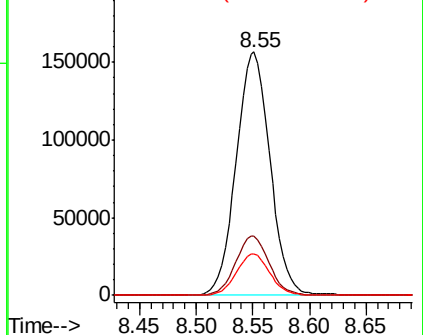
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062485.D
 Acq: 10 Jul 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.4
88	17.2	0.0	33.8

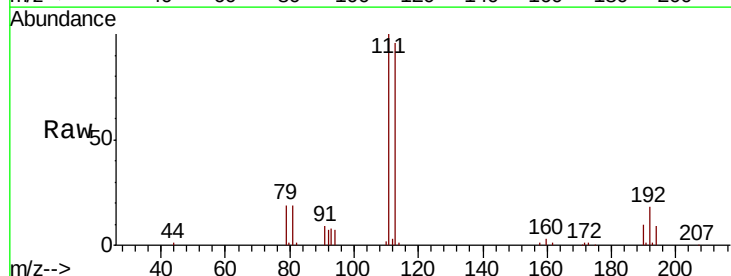


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

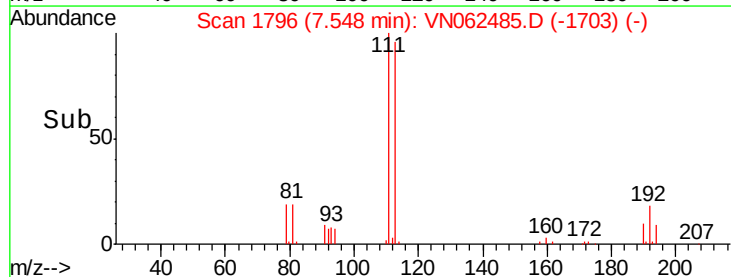
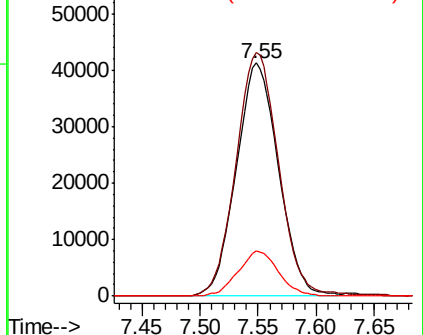


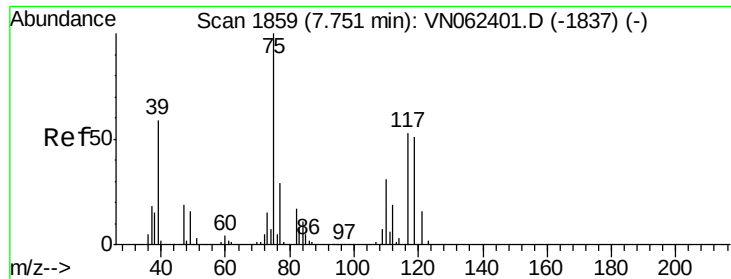
#35
 Dibromofluoromethane
 Concen: 51.457 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062485.D
 Acq: 10 Jul 2020 11:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.1	124.7
192	18.6	14.1	21.1



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: 4.916 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :

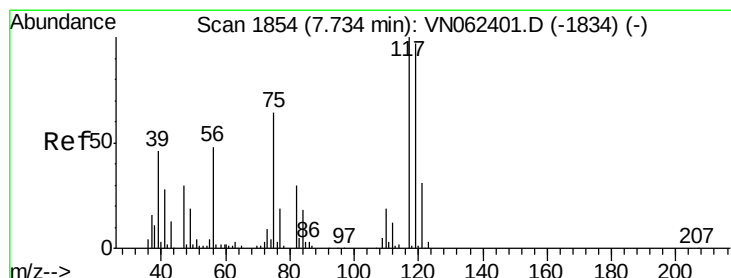
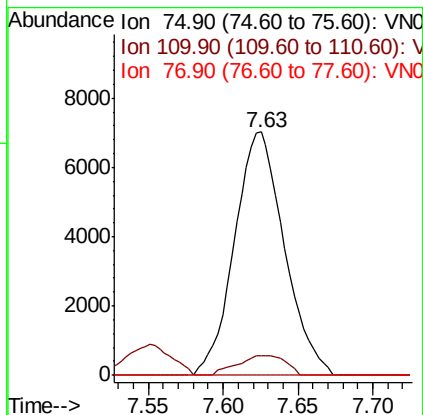
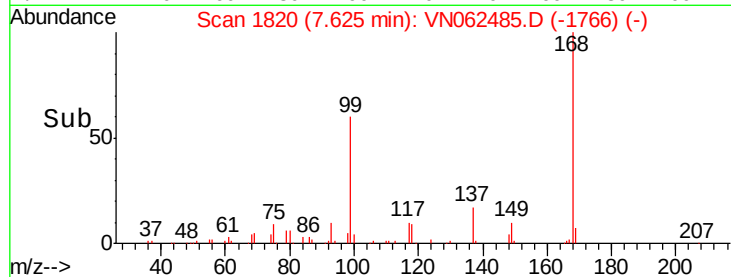
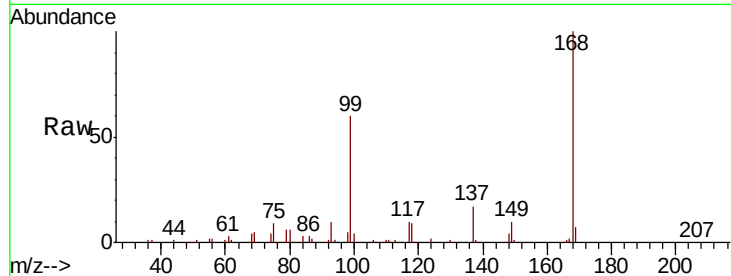
Tot Ion: 75 Resp: 16240

Ion Ratio Lower Upper

75 100

110 7.8 15.4 46.2#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.364 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

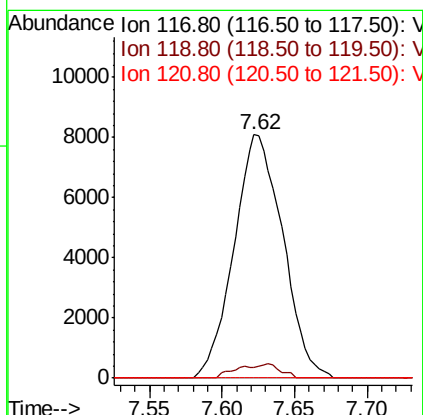
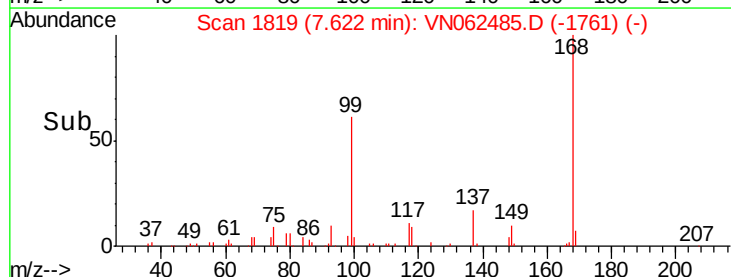
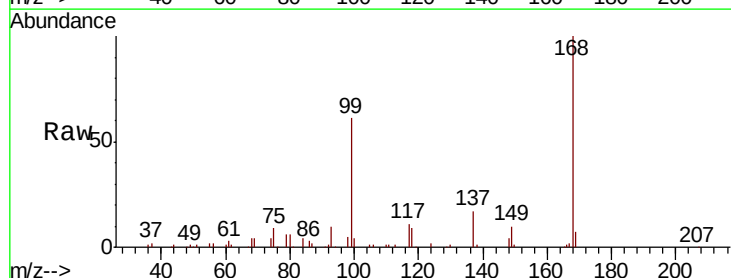
Tgt Ion: 117 Resp: 18900

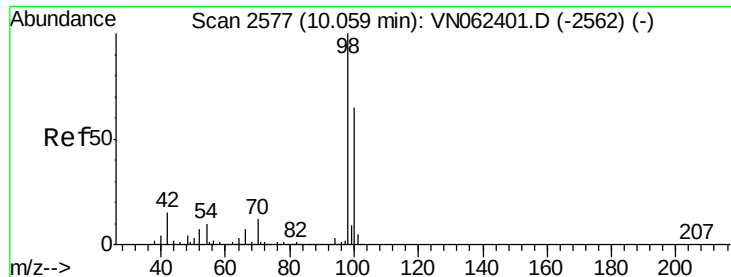
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

Instrument :

MSVOA_N

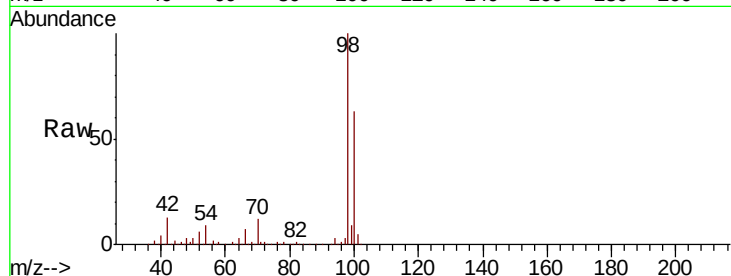
ClientSampleId :

Tot Ion: 98 Resp: 424006

Ion Ratio Lower Upper

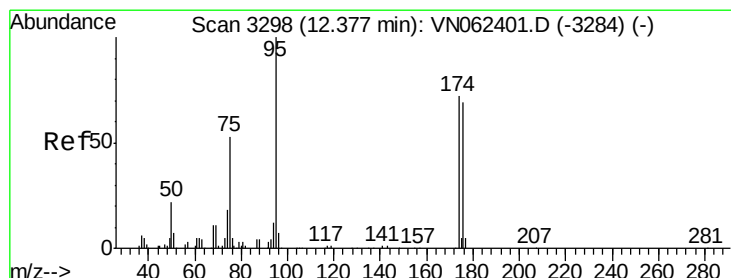
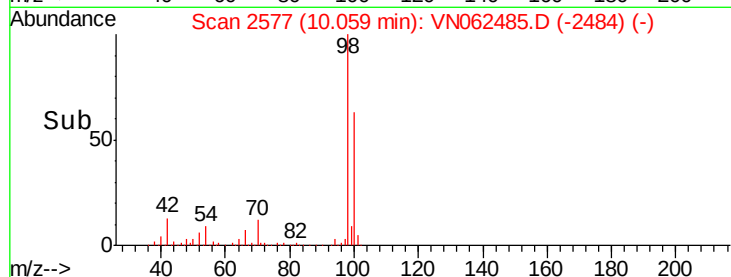
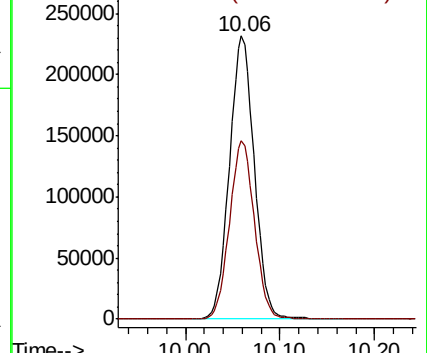
98 100

100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.909 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

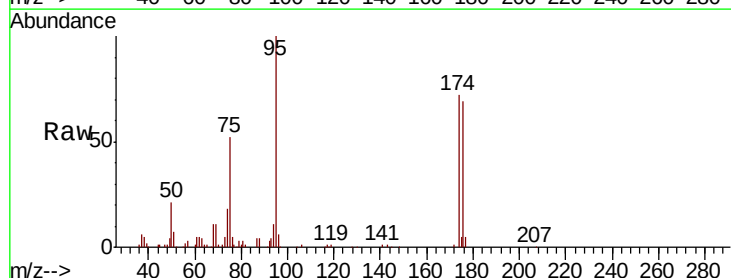
Tgt Ion: 95 Resp: 148856

Ion Ratio Lower Upper

95 100

174 73.1 0.0 141.6

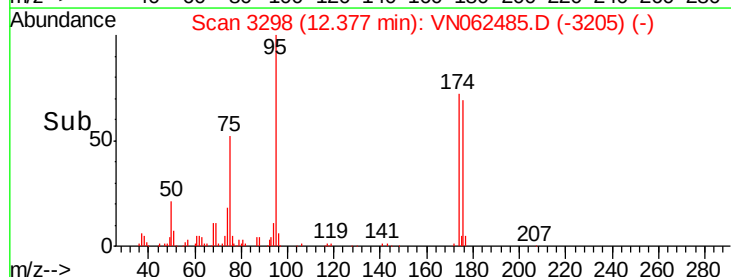
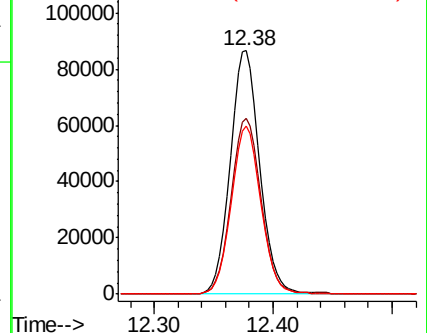
176 69.4 0.0 137.2

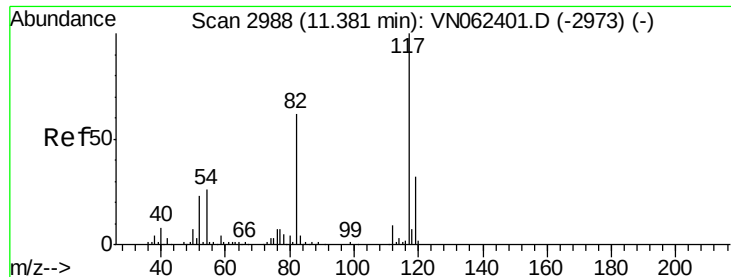


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

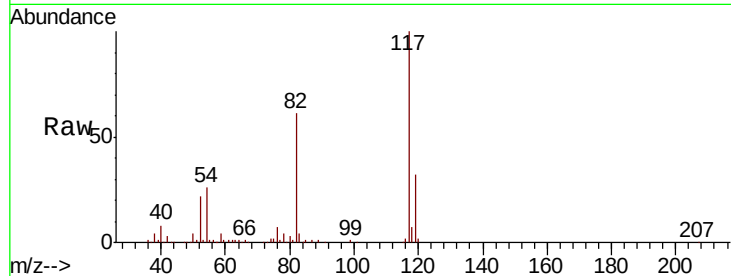




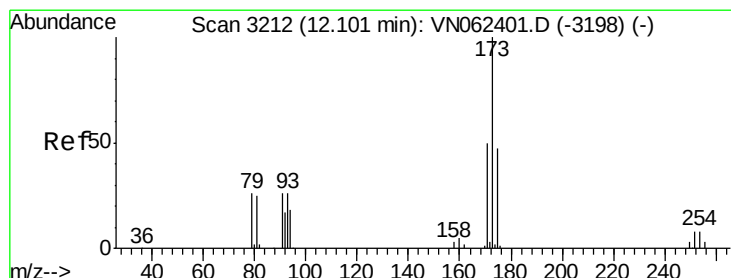
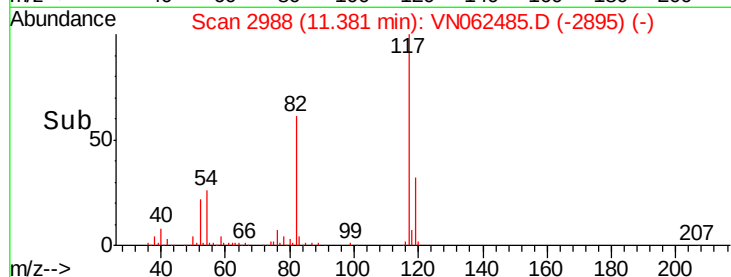
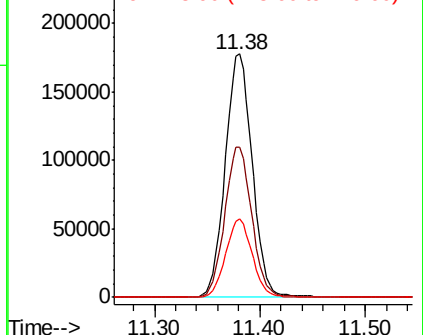
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062485.D
Acq: 10 Jul 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 315075
Ion Ratio Lower Upper
117 100
82 61.5 49.6 74.4
119 32.0 25.4 38.0

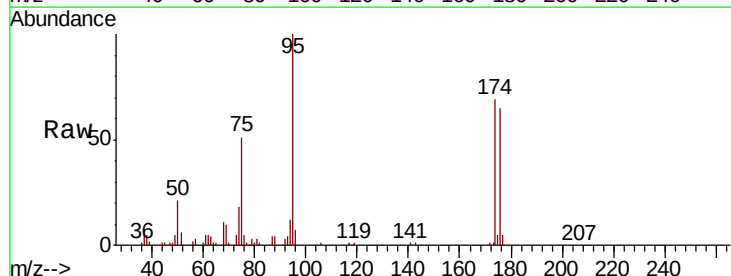


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

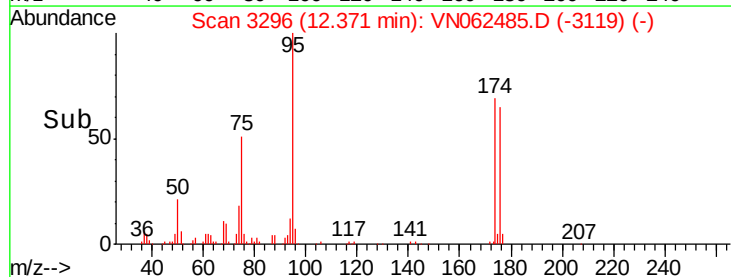
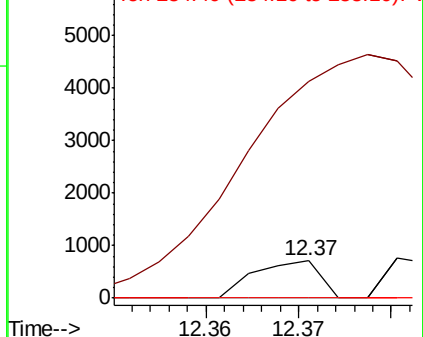


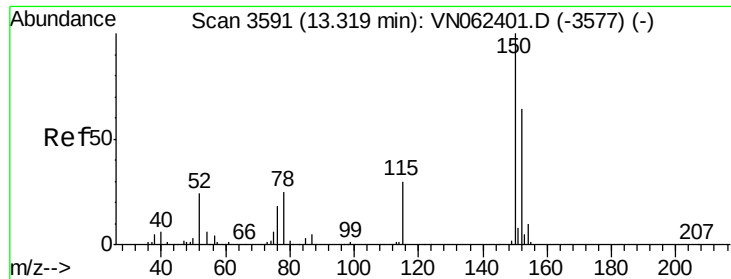
#71
Bromoform
Concen: 0.208 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN062485.D
Acq: 10 Jul 2020 11:42

Tgt Ion:173 Resp: 345
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
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

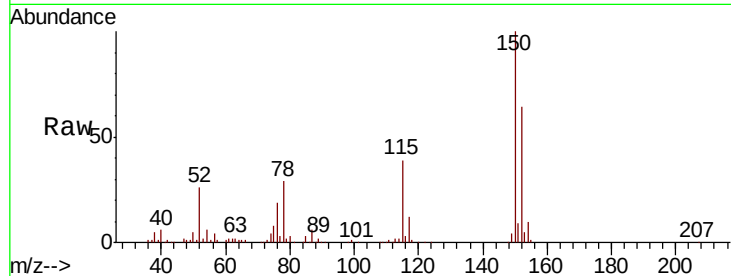




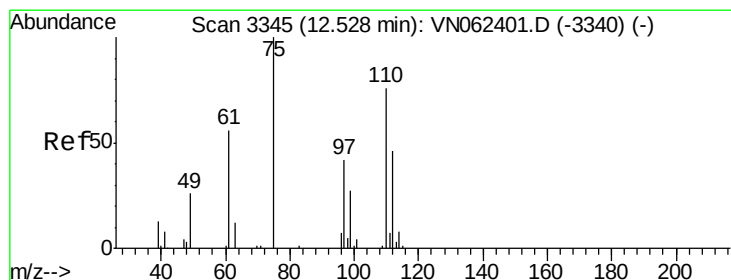
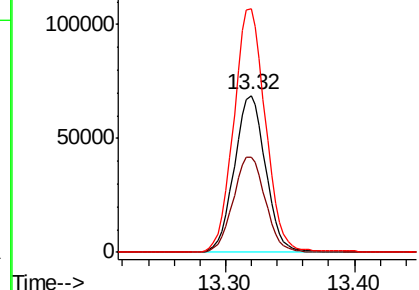
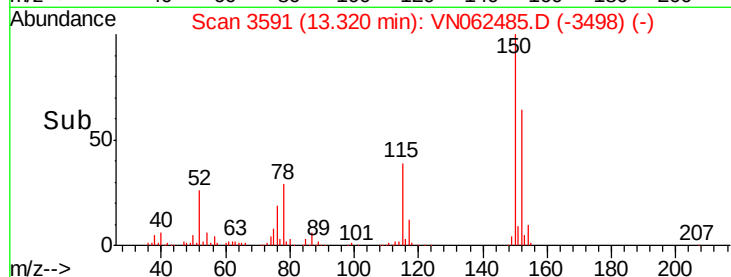
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062485.D
 Acq: 10 Jul 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 116051
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.4 94.2
 150 156.7 0.0 347.4

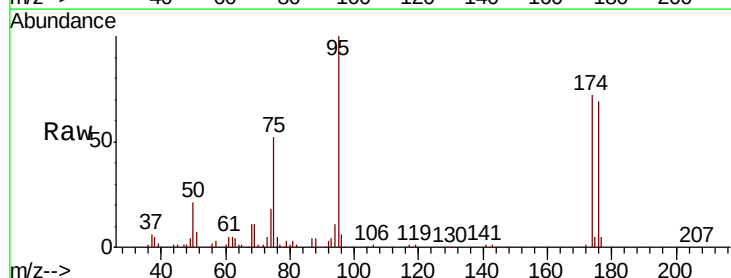


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

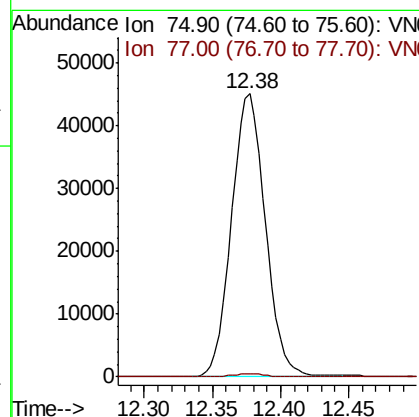
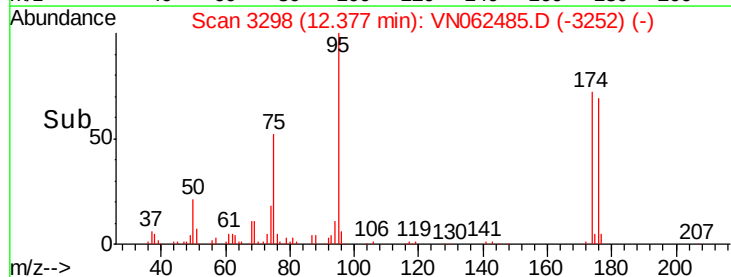


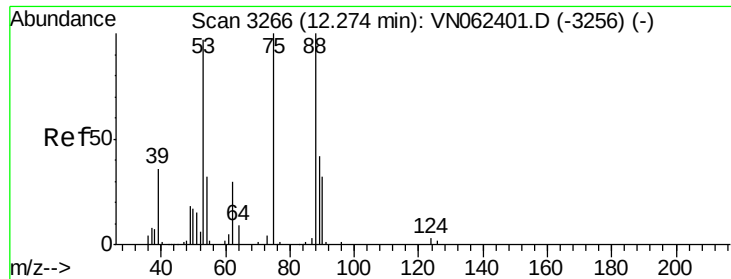
#76
 1,2,3-Trichloropropane
 Concen: 27.375 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062485.D
 Acq: 10 Jul 2020 11:42

Tgt Ion: 75 Resp: 77949
 Ion Ratio Lower Upper
 75 100
 77 1.0 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: 73.270 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

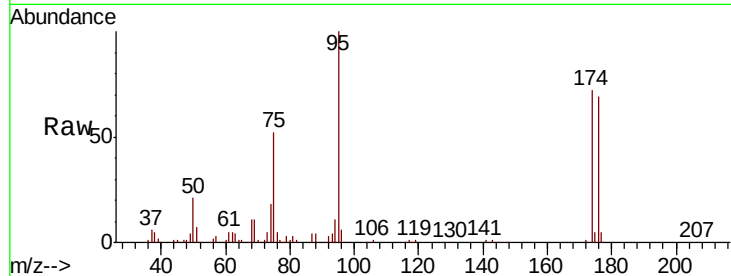
Tot Ion: 75 Resp: 77949

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

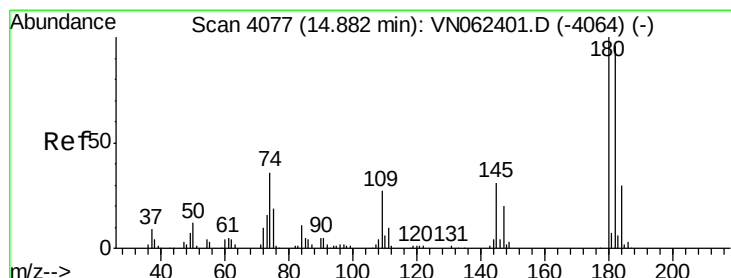
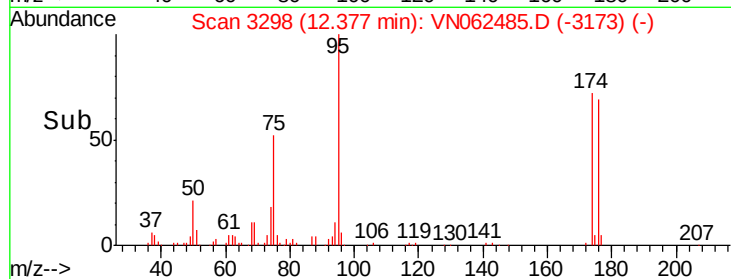
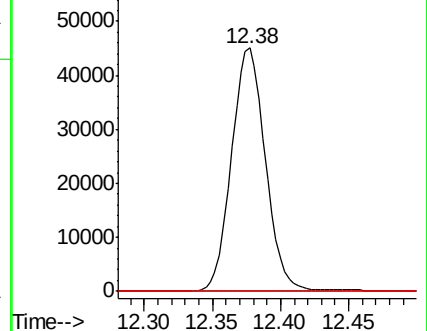
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062401.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062401.D (-3256) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.903 ug/l

RT: 14.89 min Scan# 4079

Delta R.T. 0.01 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

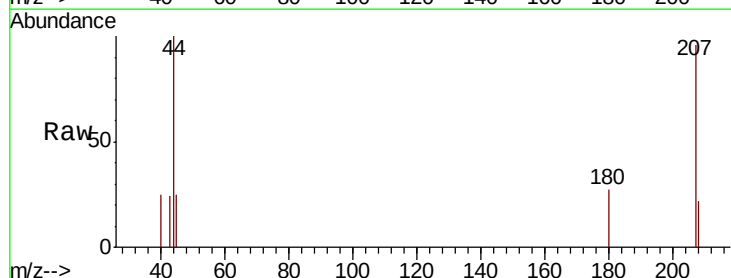
Tgt Ion: 180 Resp: 166

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.2#

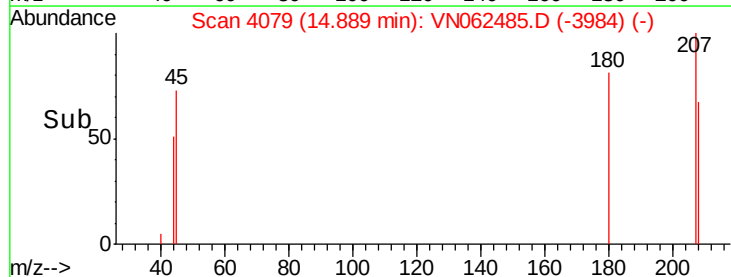
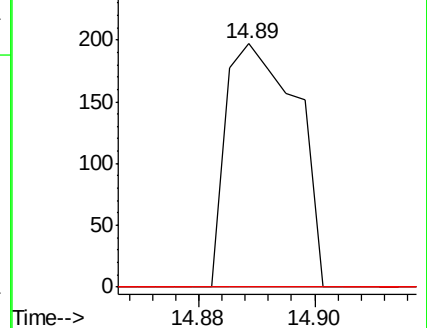
145 0.0 15.5 46.5#

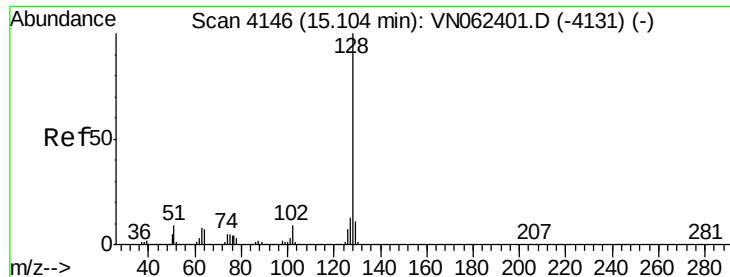


Abundance Ion 179.80 (179.50 to 180.50): VN062401.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN062401.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN062401.D (-4064) (-)





#95

Naphthalene

Concen: Below Cal

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

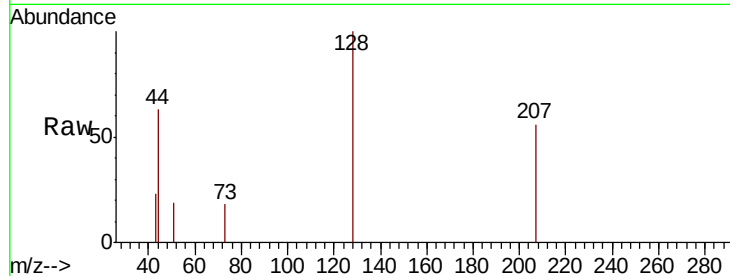
Tot Ion:128 Resp: 1620

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

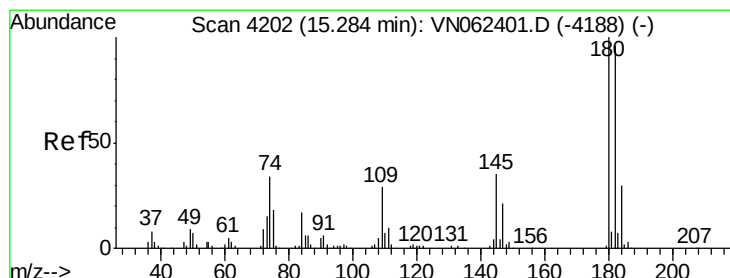
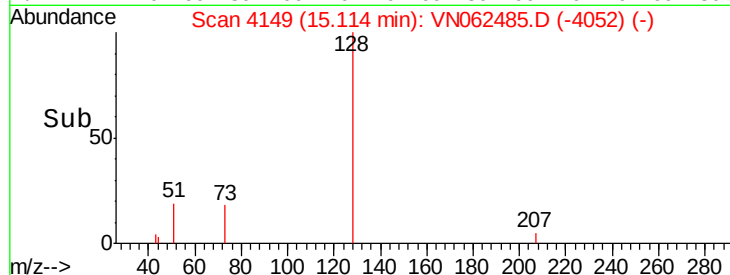
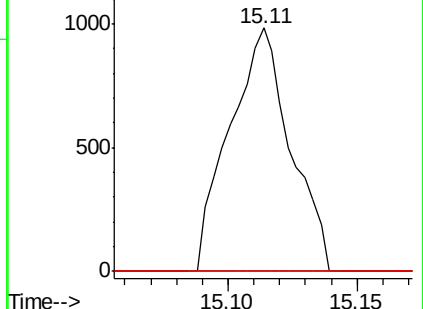
129 0.0 8.6 12.8#



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: 3.332 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.01 min

Lab File: VN062485.D

Acq: 10 Jul 2020 11:42

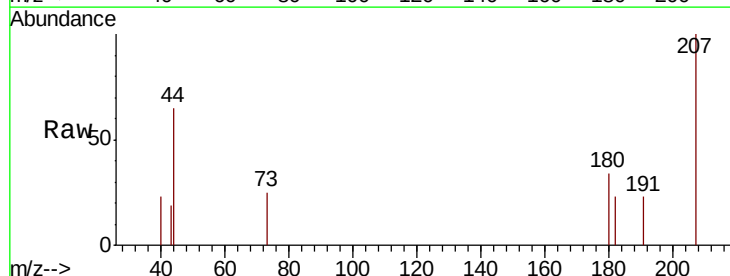
Tgt Ion:180 Resp: 219

Ion Ratio Lower Upper

180 100

182 142.5 47.8 143.4

145 0.0 17.0 50.9#



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

