

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062779.D
 Acq On : 7 Aug 2020 11:02
 Operator : JC/MD
 Sample : VN0807WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBL01

Quant Time: Aug 08 02:12:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	130941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	231224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85435	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	111941	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	7.55	113	81942	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	10.06	98	299935	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	109498	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

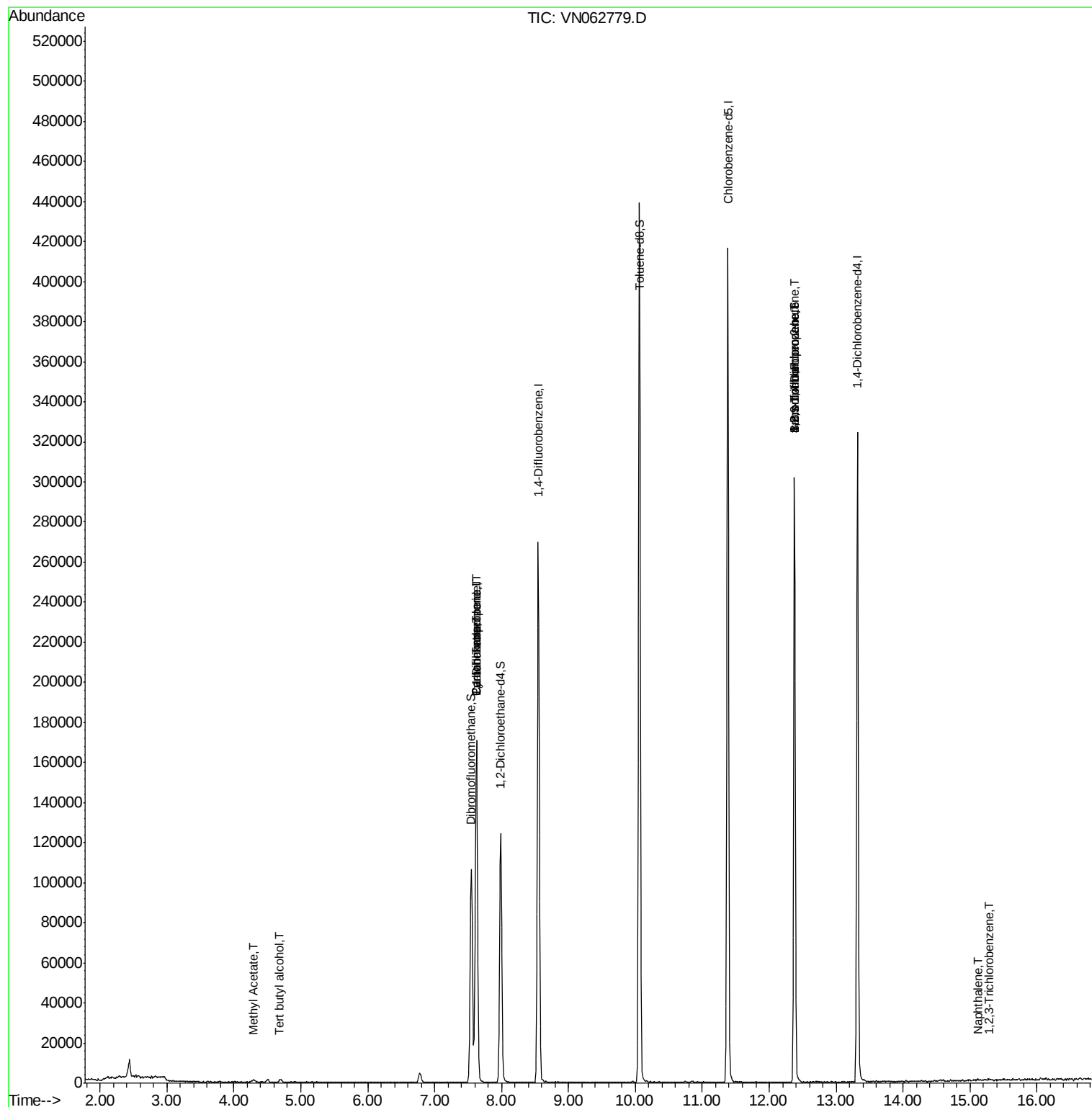
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.68	59	447	1.260	ug/l #	72
17) Carbon Disulfide	4.00	76	293	Below Cal	#	74
18) Methyl Acetate	4.29	43	2788	0.386	ug/l #	65
20) Methylene Chloride	4.50	84	616	Below Cal	#	75
31) Cyclohexane	7.63	56	3014	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11378	5.054	ug/l #	48
38) Carbon Tetrachloride	7.62	117	14122	5.303	ug/l #	14
71) Bromoform	12.37	173	894	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	58125	25.227	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	58125	77.011	ug/l #	10
95) Naphthalene	15.11	128	930	3.927	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.28	180	30	2.761	ug/l #	12

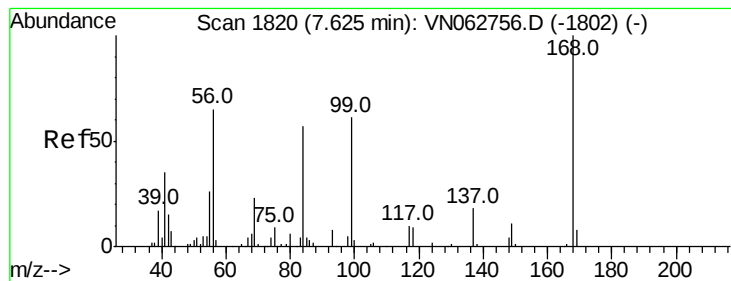
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 08 02:12:36 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
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: VN062779.D

Acq: 7 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

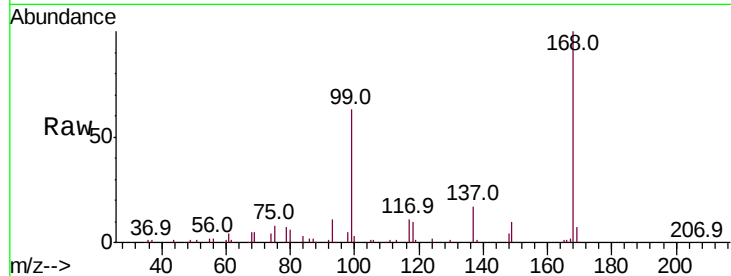
VN0807WBL01

Tot Ion:168 Resp: 130941

Ion Ratio Lower Upper

168 100

99 63.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

50000

40000

30000

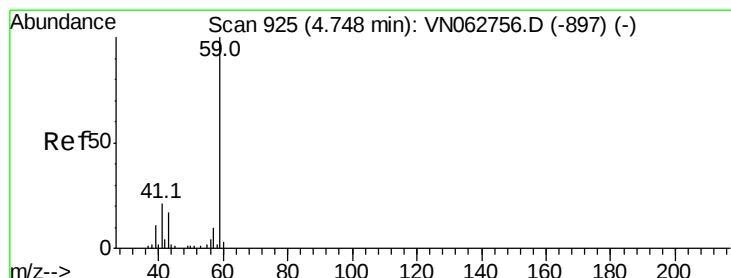
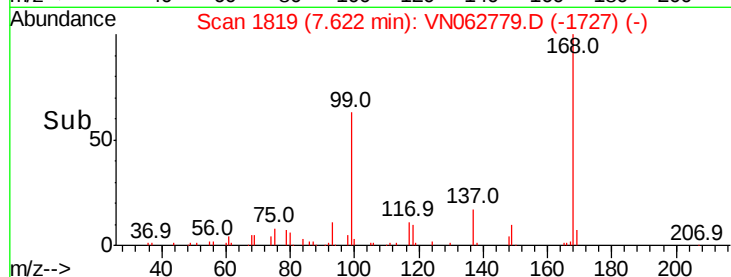
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#11

Tert butyl alcohol

Concen: 1.260 ug/l

RT: 4.68 min Scan# 905

Delta R.T. -0.06 min

Lab File: VN062779.D

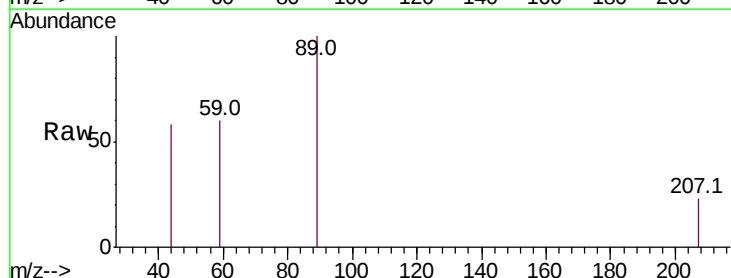
Acq: 7 Aug 2020 11:02

Tgt Ion: 59 Resp: 447

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.68

500

400

300

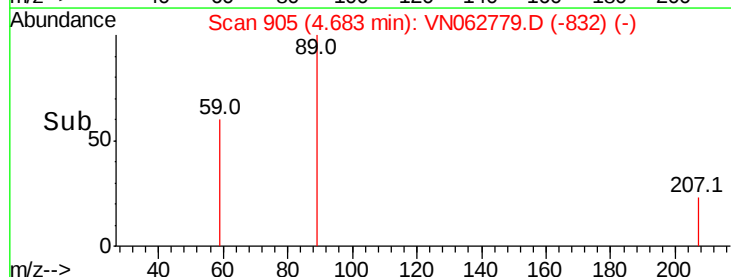
200

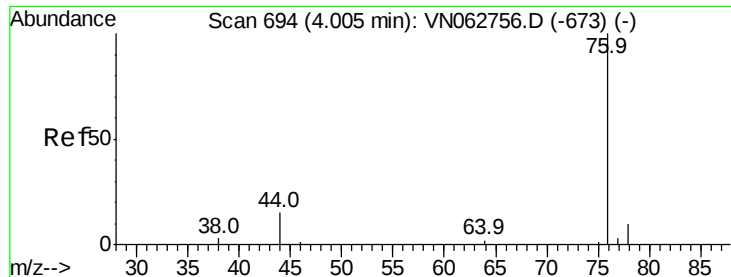
100

0

4.66 4.67 4.68 4.69

Time-->

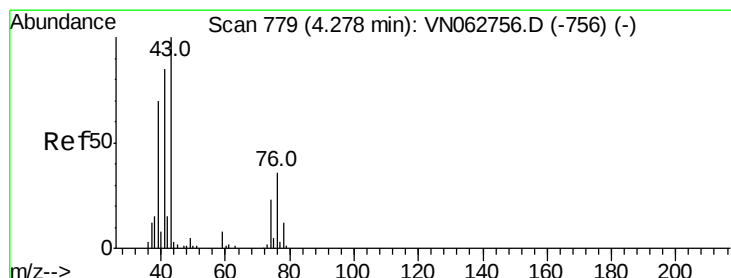
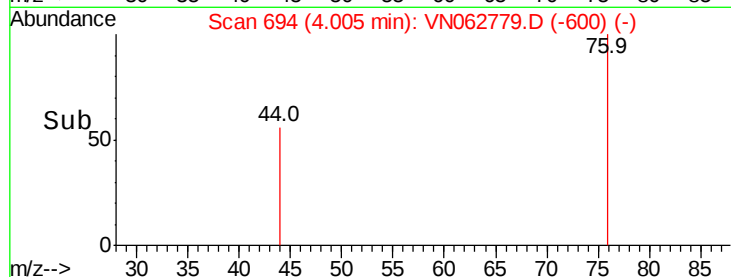
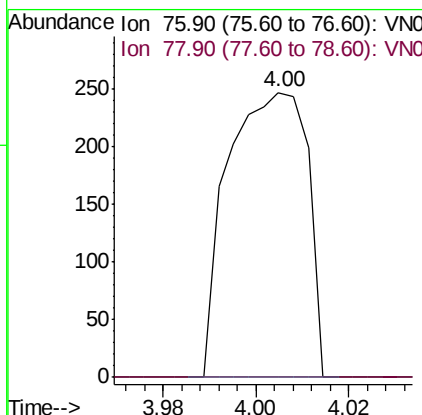
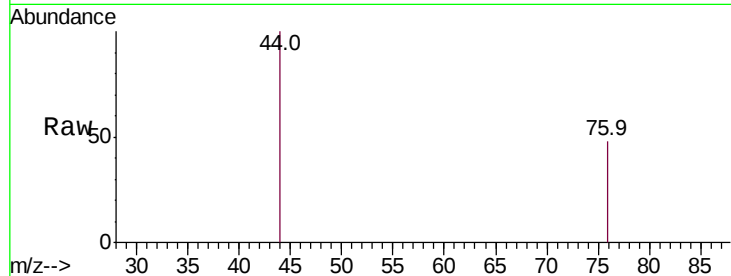




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

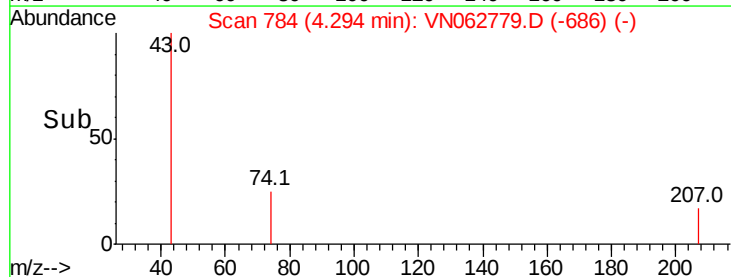
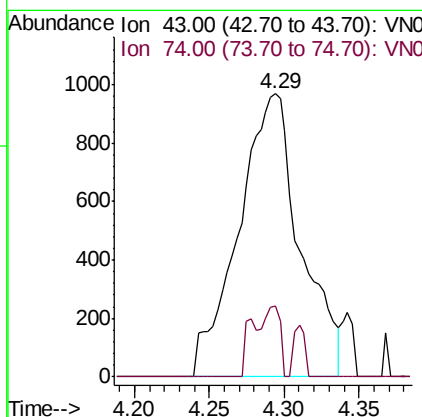
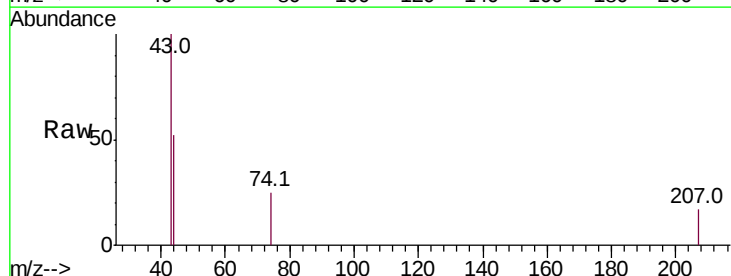
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBL01

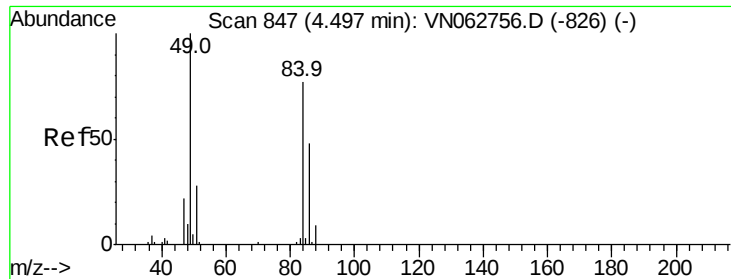
Tot Ion: 76 Resp: 293
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.02 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Tgt Ion: 43 Resp: 2788
Ion Ratio Lower Upper
43 100
74 6.0 18.6 28.0#

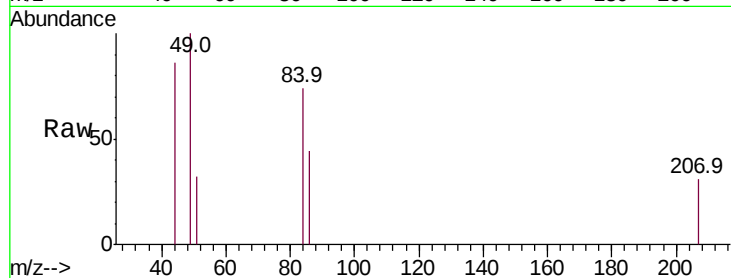




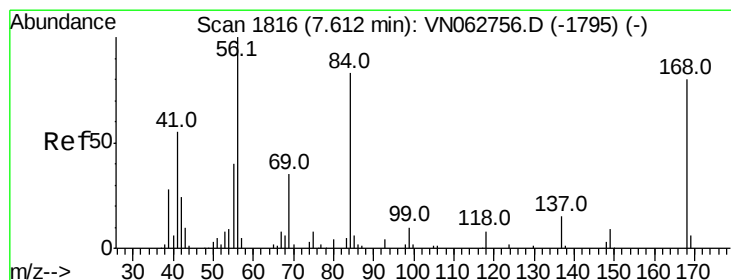
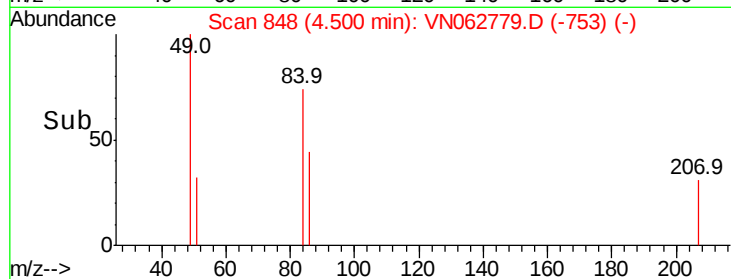
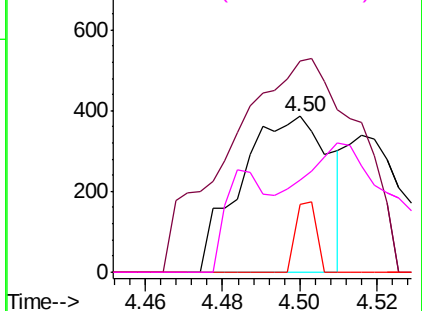
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBL01

Tot Ion: 84 Resp: 616
Ion Ratio Lower Upper
84 100
49 84.2 103.4 155.2#
51 43.3 29.3 43.9
86 59.1 49.9 74.9

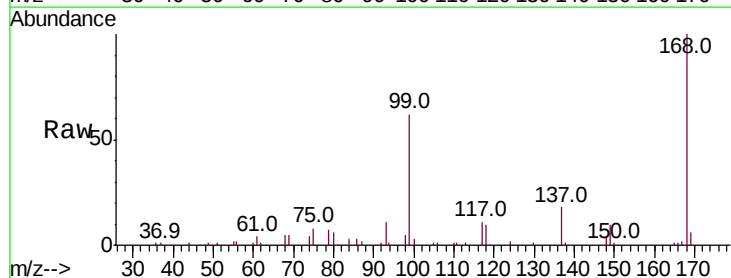


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

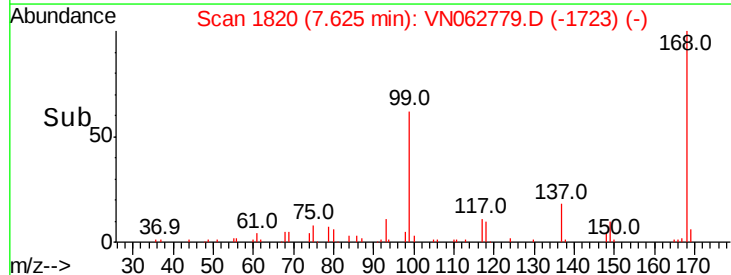
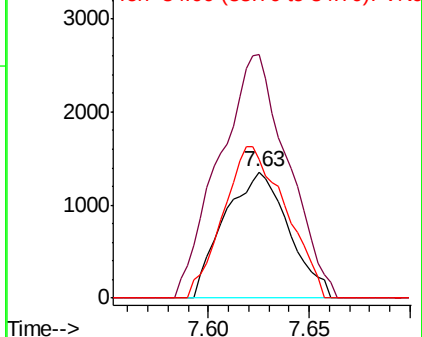


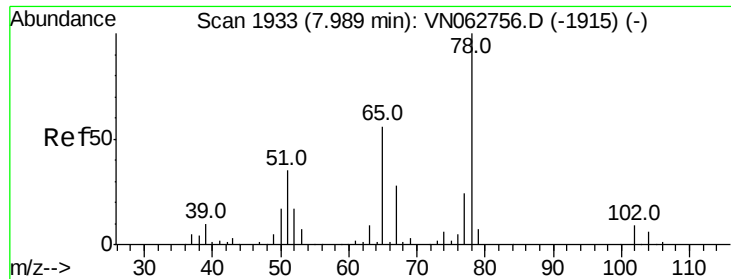
#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
69 192.7 28.1 42.1#
84 110.0 66.8 100.2#



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

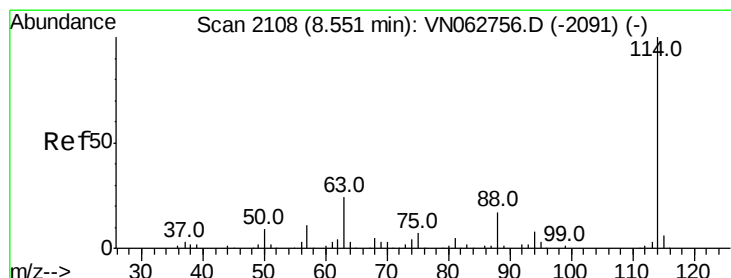
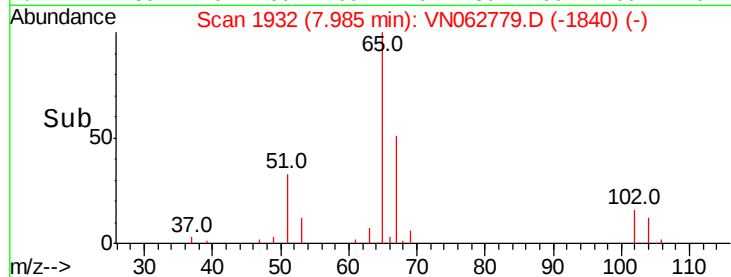
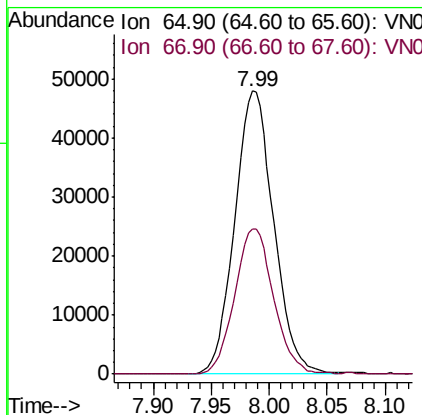
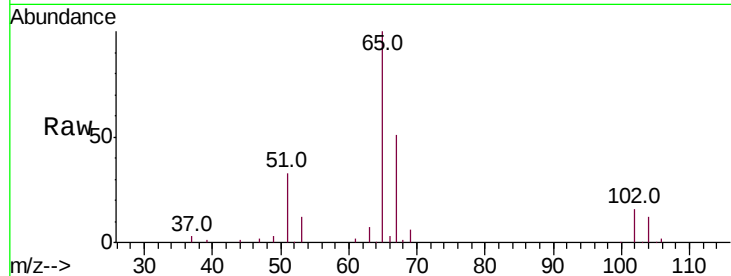




#33
 1,2-Dichloroethane-d4
 Concen: 51.696 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062779.D
 Acq: 7 Aug 2020 11:02

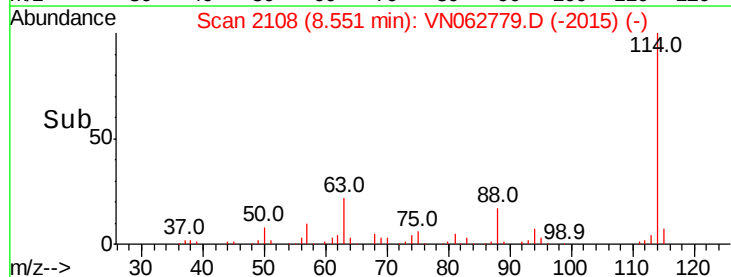
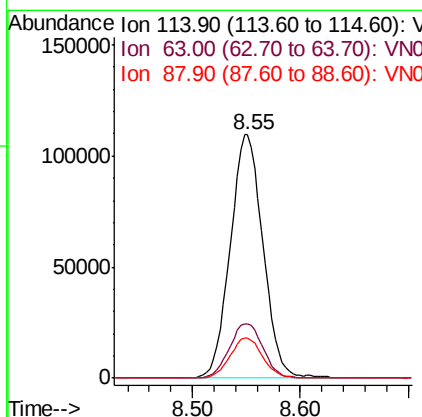
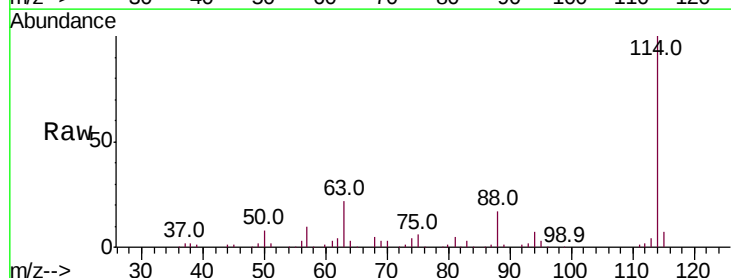
Instrument :
 MSVOA_N
 ClientSampled :
 VN0807WBL01

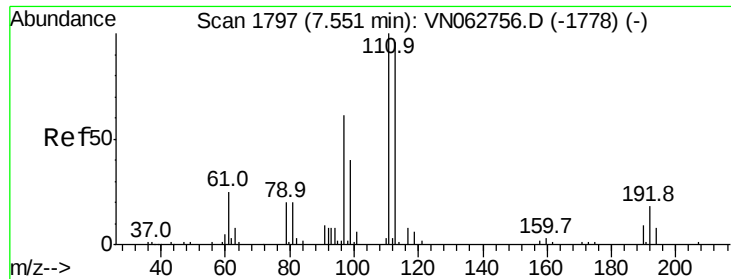
Tot Ion: 65 Resp: 111941
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062779.D
 Acq: 7 Aug 2020 11:02

Tgt Ion: 114 Resp: 231224
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.6
 88 16.5 0.0 34.4

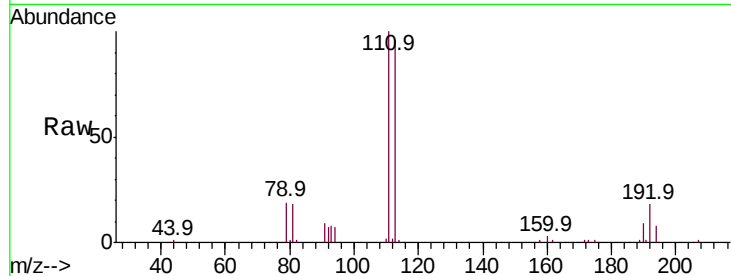




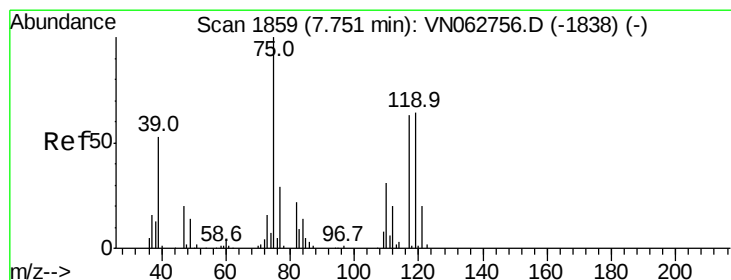
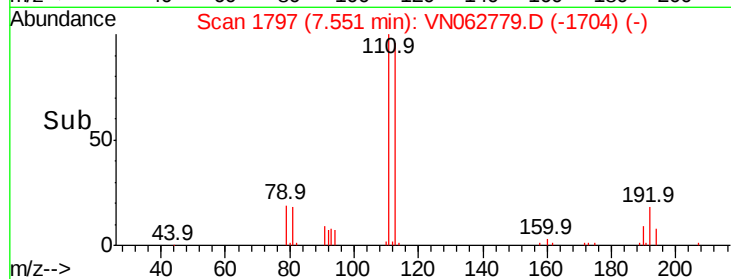
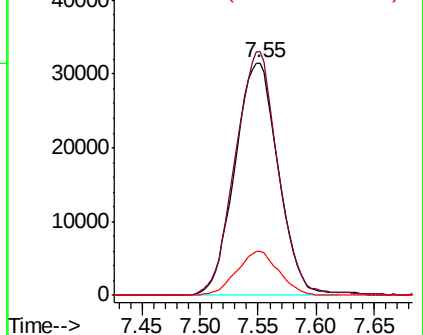
#35
Dibromofluoromethane
Concen: 51.806 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBL01

Tot Ion:113 Resp: 81942
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 18.4 15.0 22.4

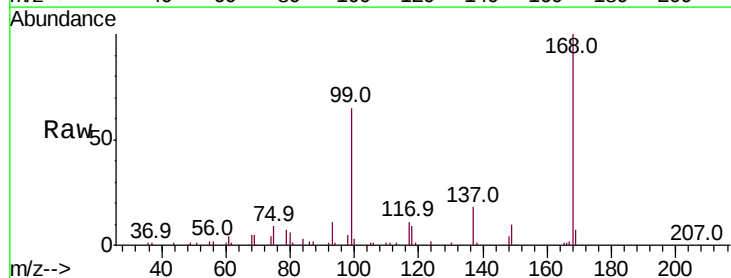


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

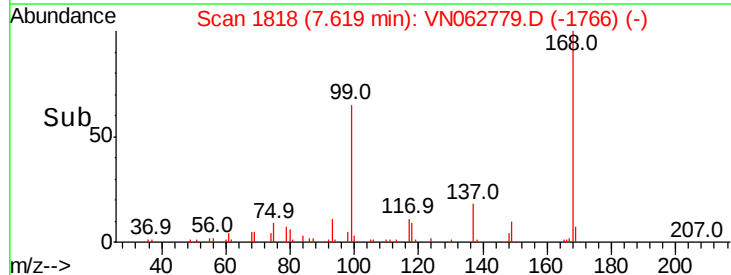
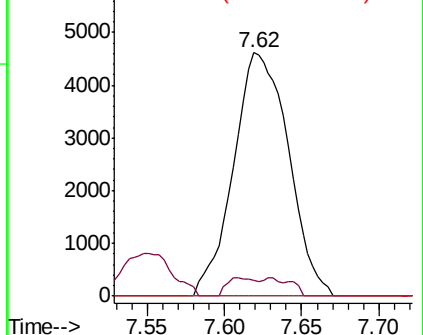


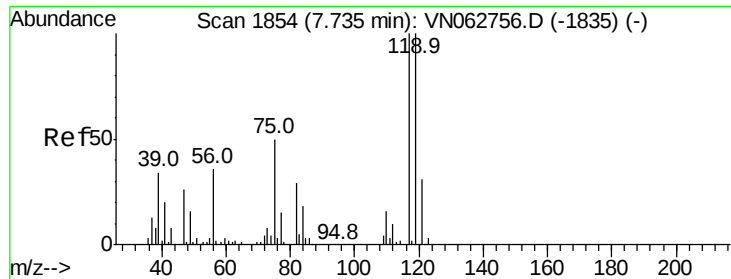
#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.13 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Tgt Ion: 75 Resp: 11378
Ion Ratio Lower Upper
75 100
110 3.9 15.6 46.7#
77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 5.303 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062779.D

Acq: 7 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBL01

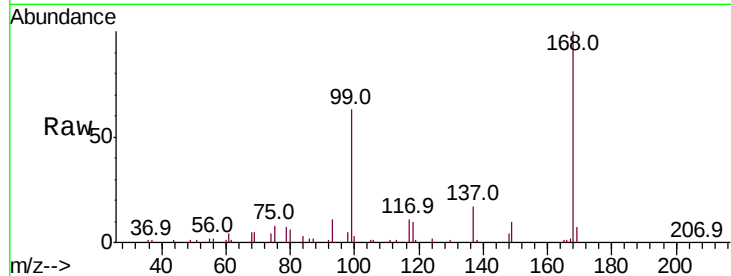
Tot Ion:117 Resp: 14122

Ion Ratio Lower Upper

117 100

119 4.9 79.4 119.2#

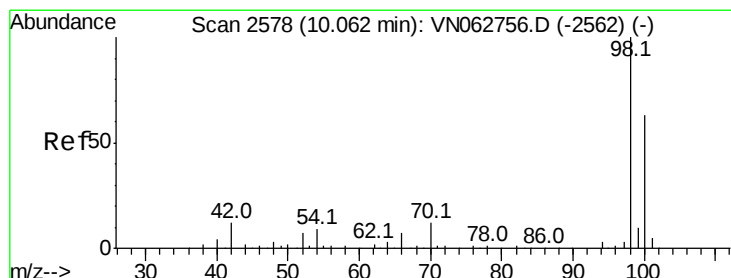
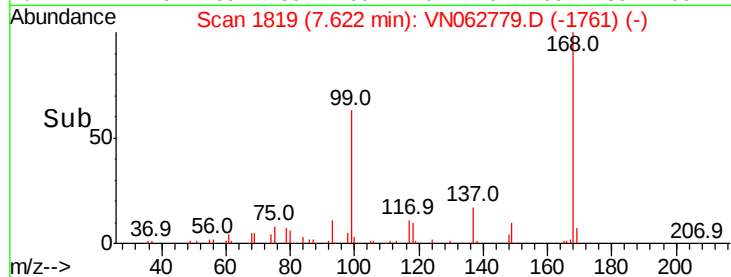
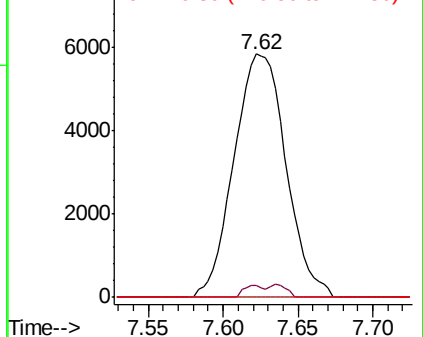
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.572 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062779.D

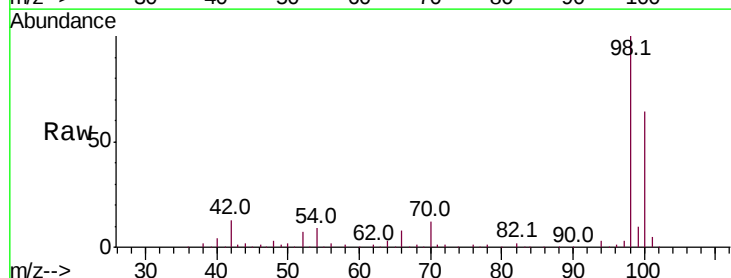
Acq: 7 Aug 2020 11:02

Tgt Ion: 98 Resp: 299935

Ion Ratio Lower Upper

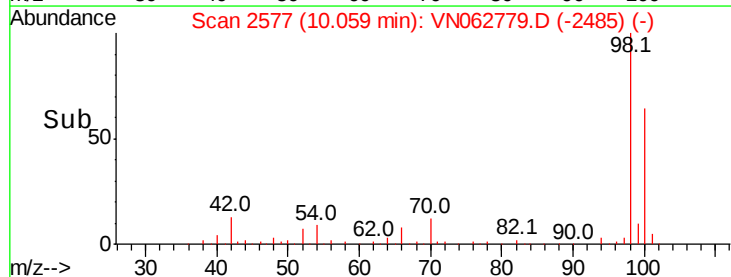
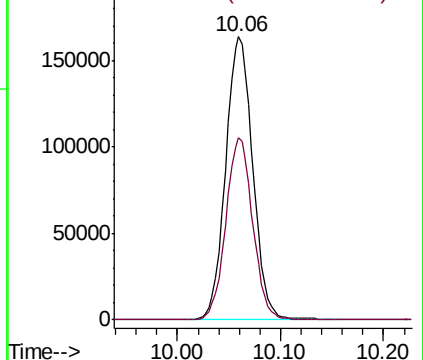
98 100

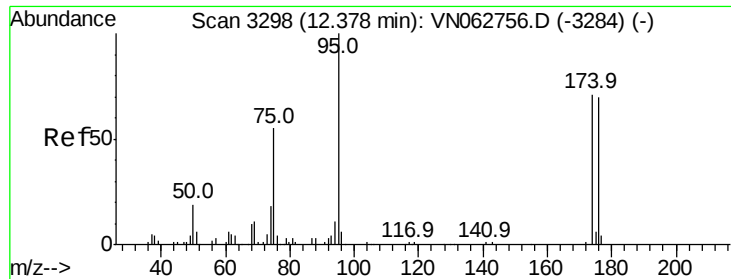
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

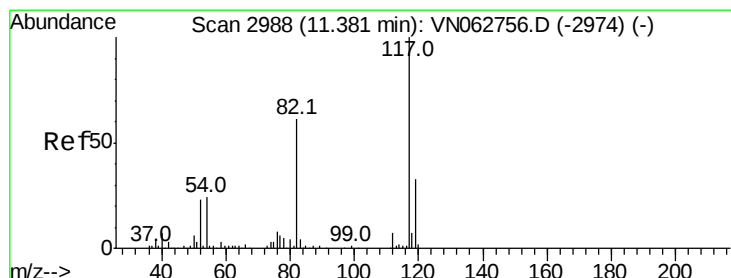
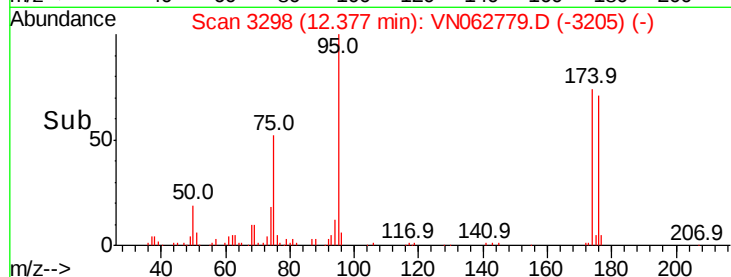
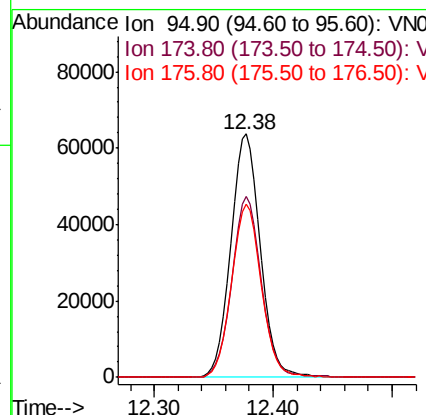
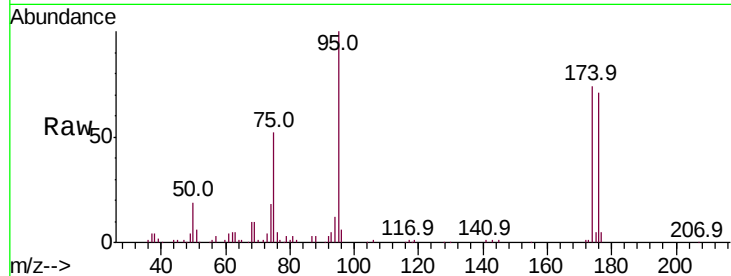




#62
4-Bromofluorobenzene
Concen: 46.923 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

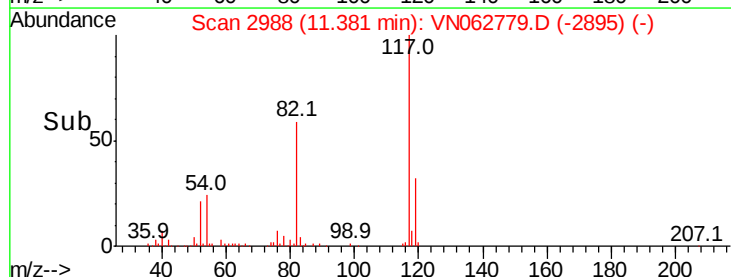
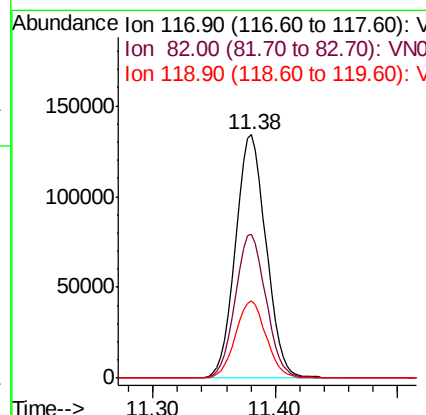
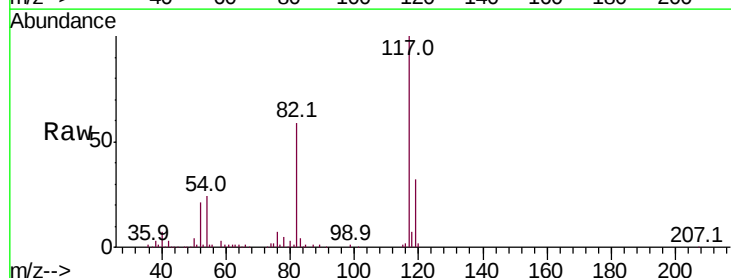
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MSVOA_N
ClientSampleId :
VN0807WBL01

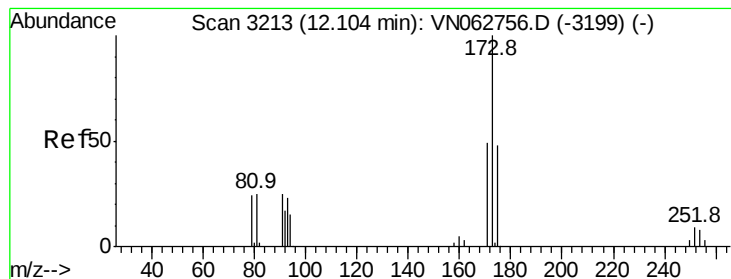
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	144.8
176	71.5	0.0	142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	49.0	73.4
119	31.7	26.2	39.2





#71

Bromoform

Concen: 0.555 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062779.D

Acq: 7 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBL01

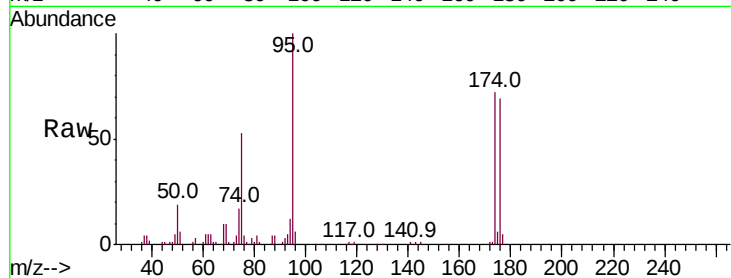
Tot Ion:173 Resp: 894

Ion Ratio Lower Upper

173 100

175 634.2 24.0 72.0#

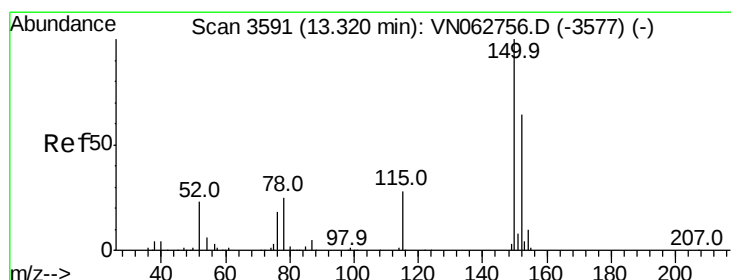
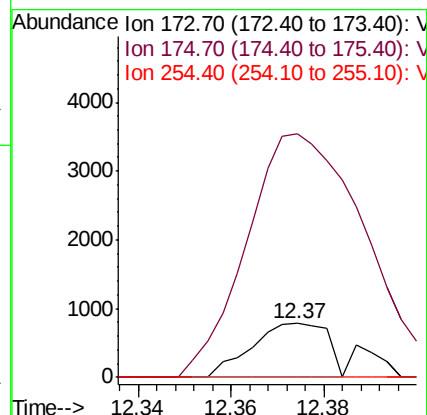
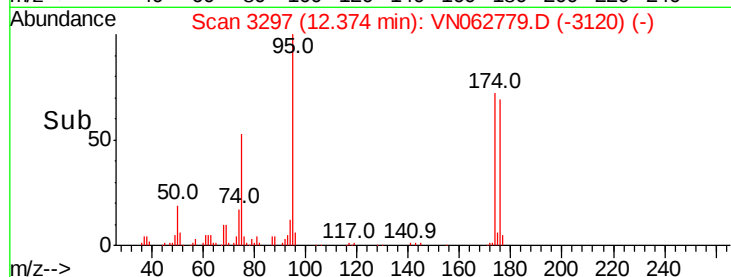
254 0.0 0.0 0.0



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: VN062779.D

Acq: 7 Aug 2020 11:02

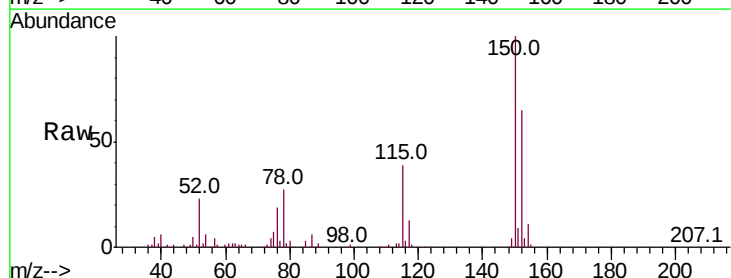
Tgt Ion:152 Resp: 85435

Ion Ratio Lower Upper

152 100

115 62.1 31.6 94.8

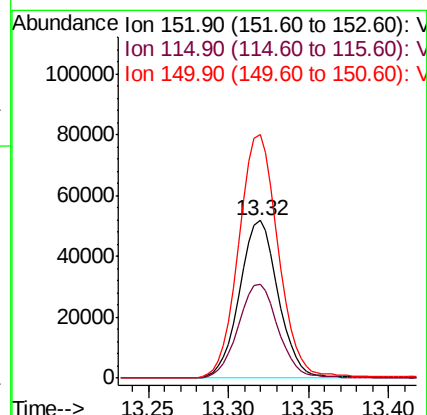
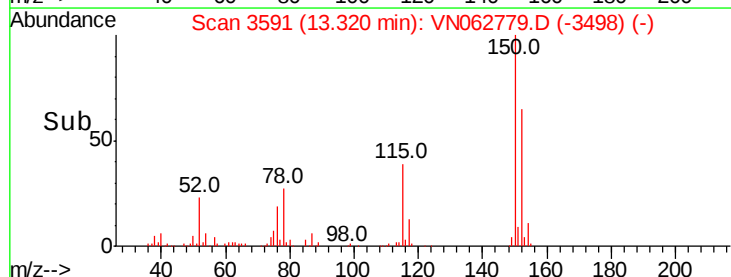
150 157.7 0.0 349.2

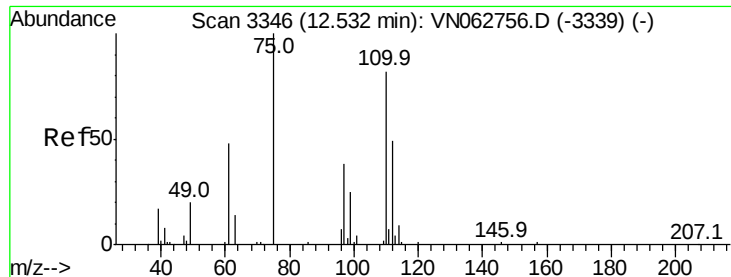


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.227 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.16 min

Lab File: VN062779.D

Acq: 7 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

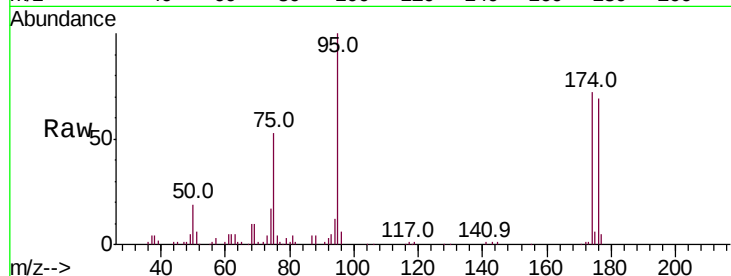
VN0807WBL01

Tot Ion: 75 Resp: 58125

Ion Ratio Lower Upper

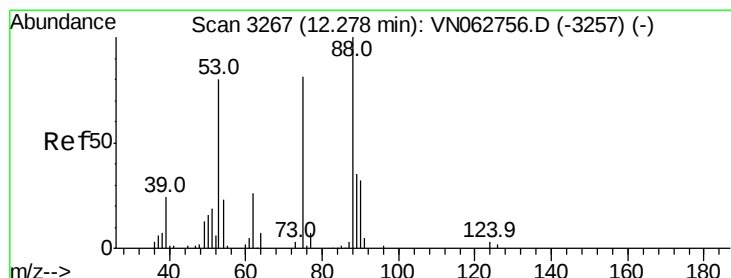
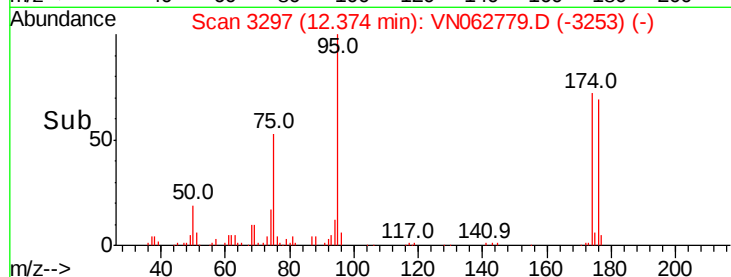
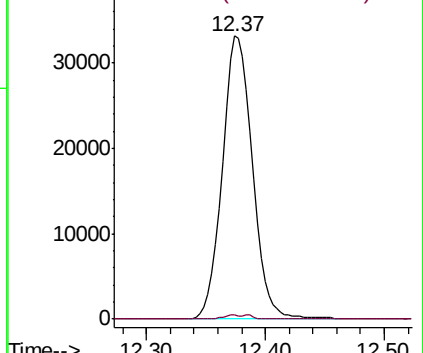
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 77.011 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062779.D

Acq: 7 Aug 2020 11:02

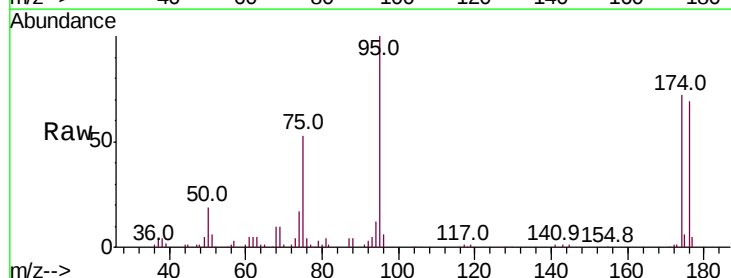
Tgt Ion: 75 Resp: 58125

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

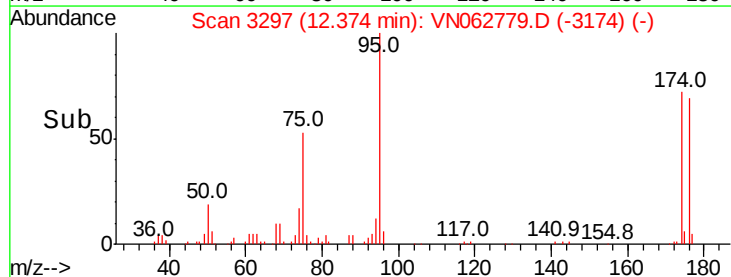
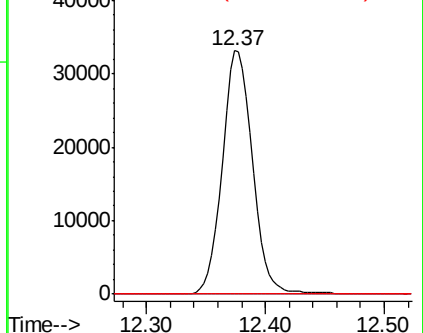
89 0.0 36.2 54.2#

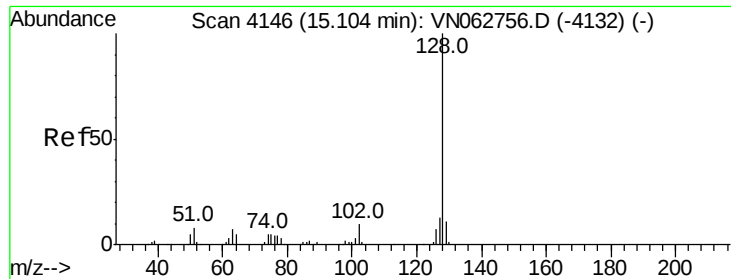


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

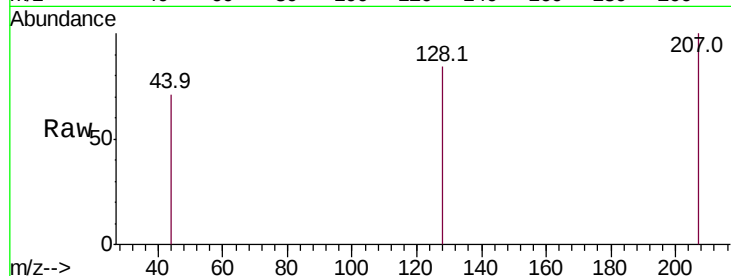




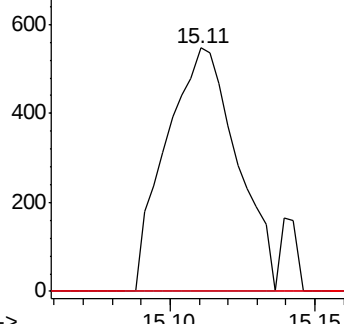
#95
Naphthalene
Concen: 3.927 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBL01

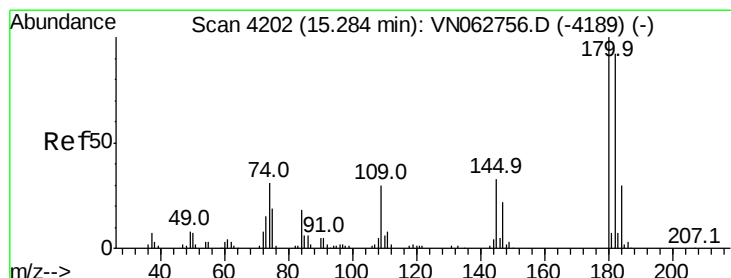
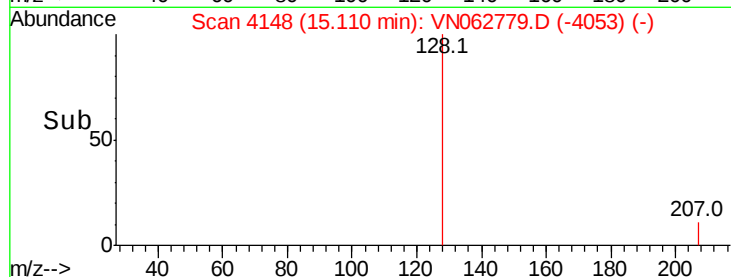
Tot Ion:128 Resp: 930
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.8 13.2#



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

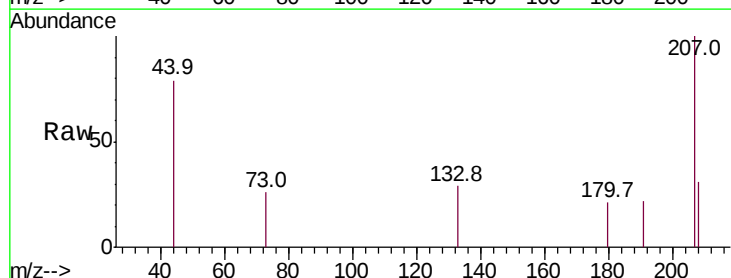


Time-->

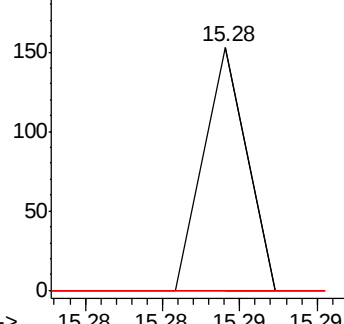


#96
1,2,3-Trichlorobenzene
Concen: 2.761 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062779.D
Acq: 7 Aug 2020 11:02

Tgt Ion:180 Resp: 30
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 17.3 51.7#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

