

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064856.D
 Acq On : 25 Nov 2020 15:06
 Operator : JC/MD
 Sample : L4896-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 61-70

Quant Time: Nov 26 04:20:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	156640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131516	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	96161	52.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.62%	
35) Dibromofluoromethane		7.55	113	88956	53.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.22%	
50) Toluene-d8		10.06	98	343354	50.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.34%	
62) 4-Bromofluorobenzene		12.38	95	134065	54.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.48%	

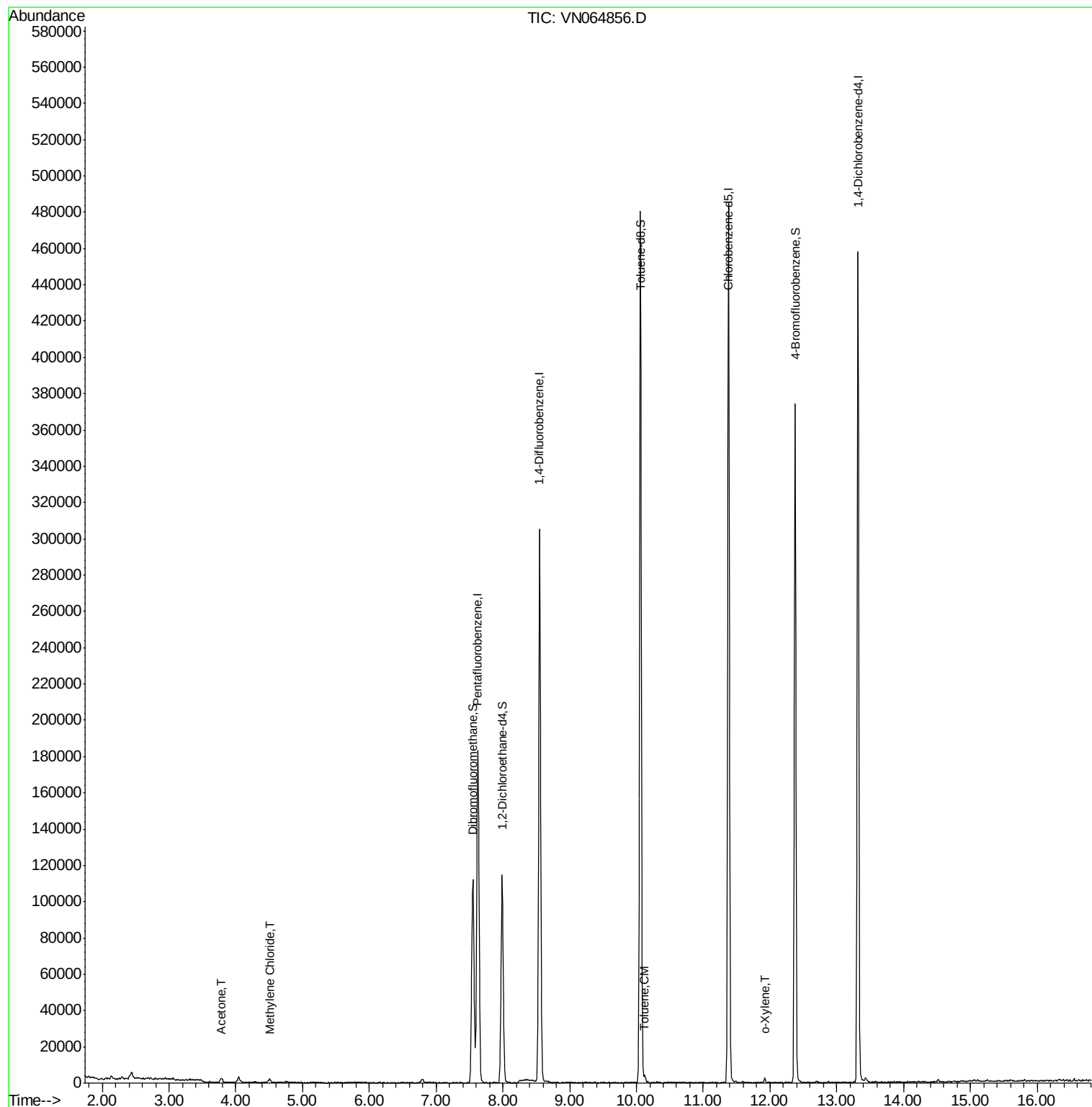
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	4264	7.123	ug/l	96
20) Methylene Chloride	4.51	84	1729	0.922	ug/l	94
52) Toluene	10.12	92	1520	0.310	ug/l	96
69) o-Xylene	11.92	106	916	0.246	ug/l	86

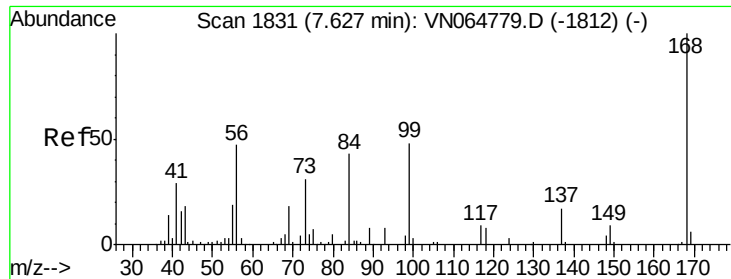
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112520\
Data File : VN064856.D
Acq On : 25 Nov 2020 15:06
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Sample : L4896-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Nov 26 04:20:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

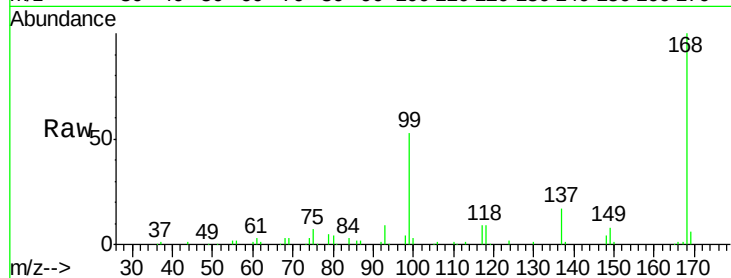
61-70

Tot Ion:168 Resp: 156640

Ion Ratio Lower Upper

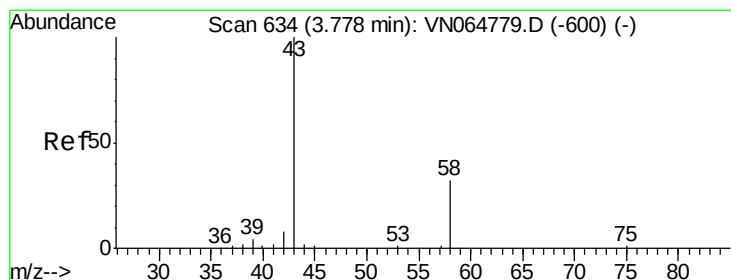
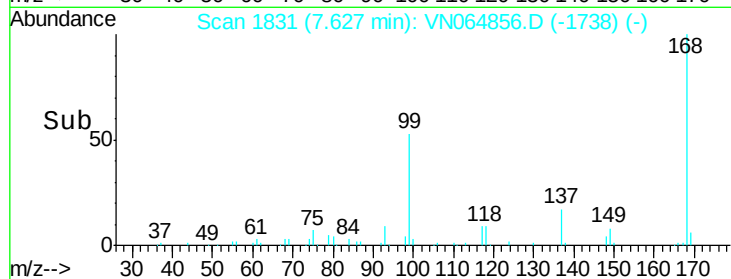
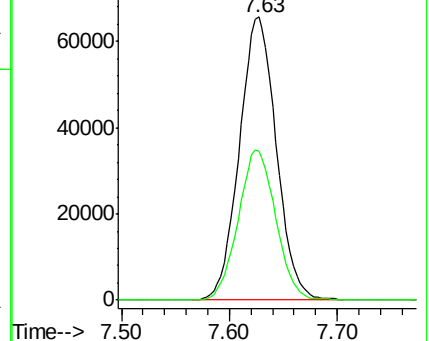
168 100

99 52.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.123 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064856.D

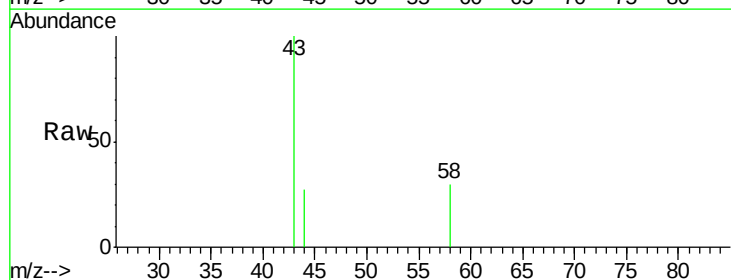
Acq: 25 Nov 2020 15:06

Tgt Ion: 43 Resp: 4264

Ion Ratio Lower Upper

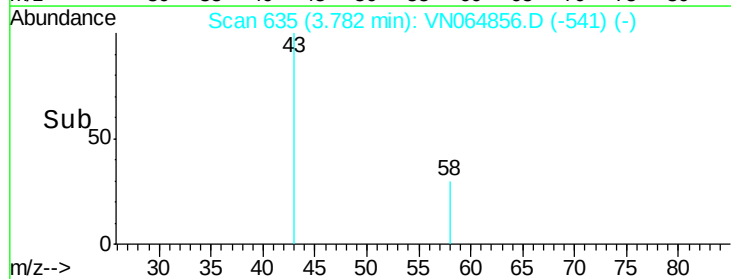
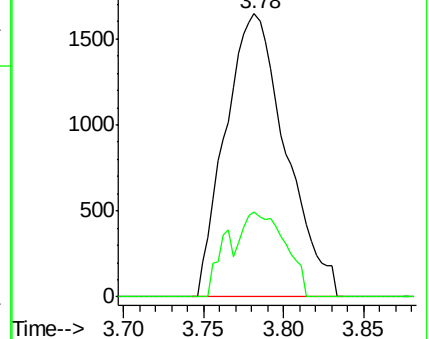
43 100

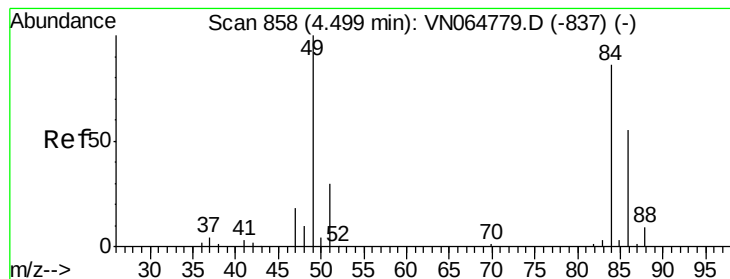
58 29.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 0.922 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

Instrument :
MSVOA_N
ClientSampleId :
61-70

Tot Ion: 84 Resp: 1729

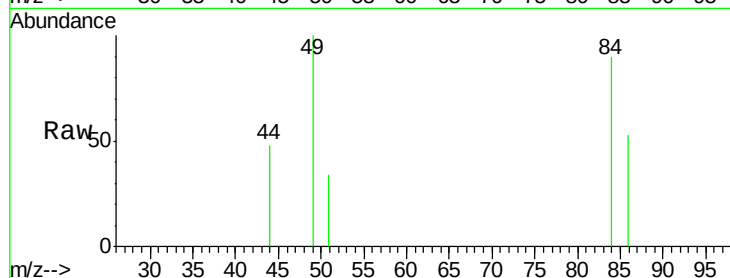
Ion Ratio Lower Upper

84 100

49 110.9 93.4 140.0

51 38.2 28.2 42.4

86 58.9 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)

Ion 50.90 (50.60 to 51.60): VN064779.D (-837) (-)

Ion 85.90 (85.60 to 86.60): VN064779.D (-837) (-)

Time-->

4.45 4.50 4.55

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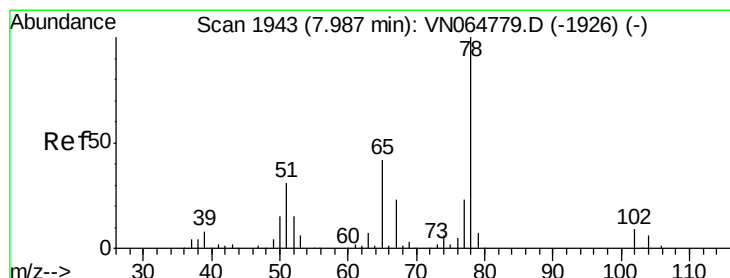
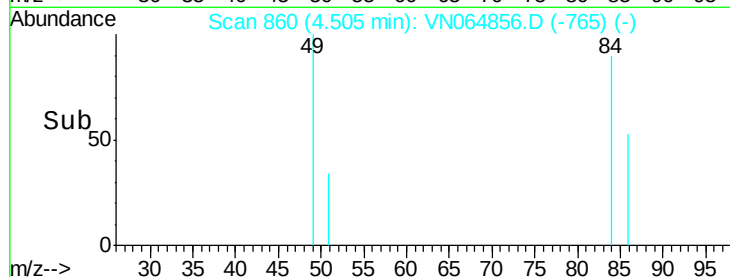
4.51

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4.51



#33

1,2-Dichloroethane-d4

Concen: 52.805 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064856.D

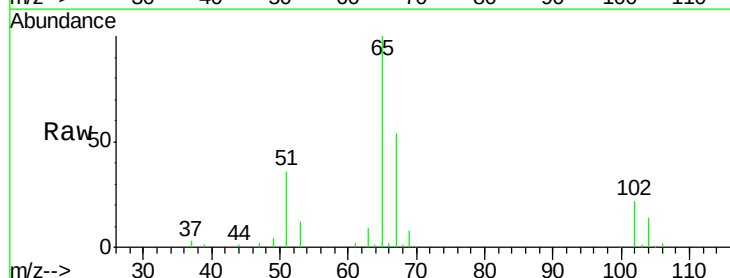
Acq: 25 Nov 2020 15:06

Tgt Ion: 65 Resp: 96161

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

Time-->

7.90 7.95 8.00 8.05

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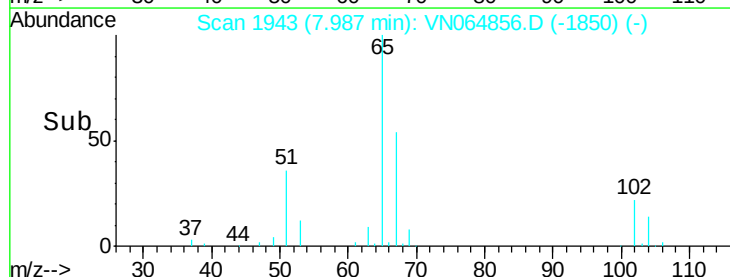
7.99

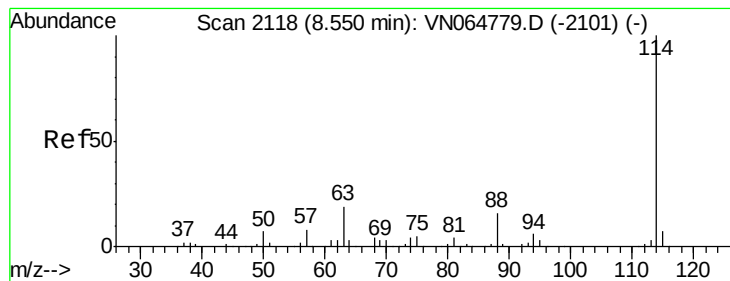
7.99

7.99

7.99

7.99





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

61-70

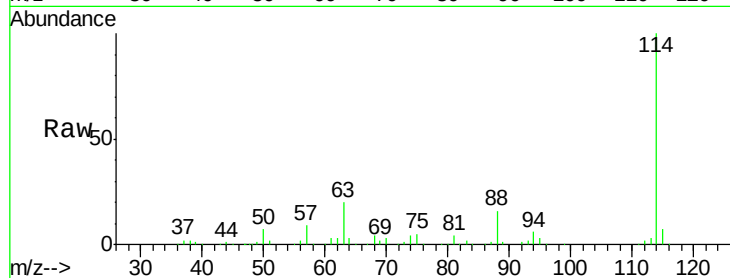
Tot Ion:114 Resp: 279925

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

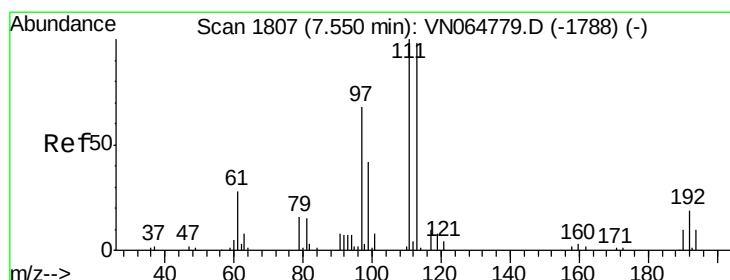
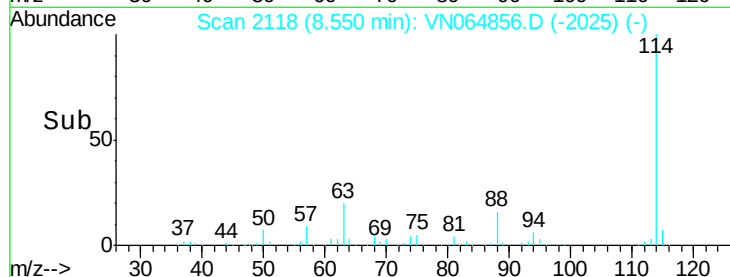
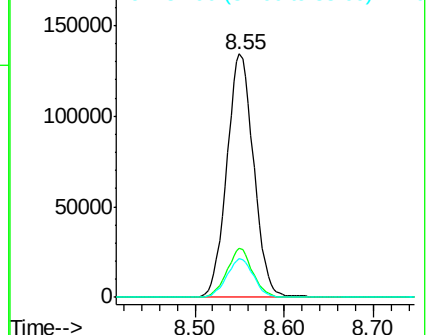
88 15.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.109 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

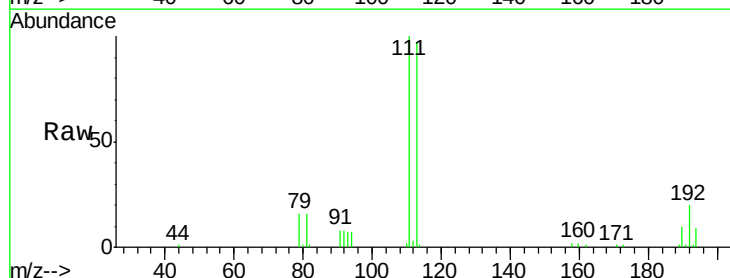
Tgt Ion:113 Resp: 88956

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

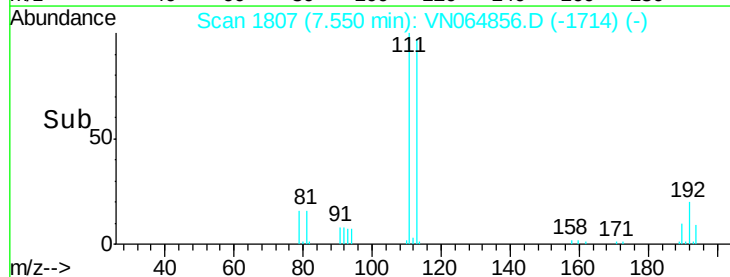
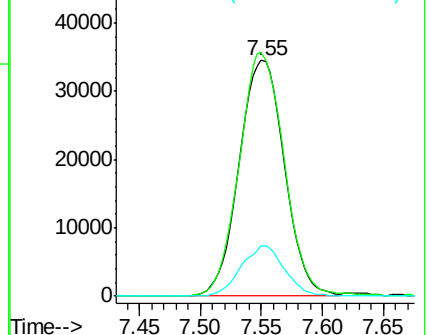
192 20.2 16.2 24.2

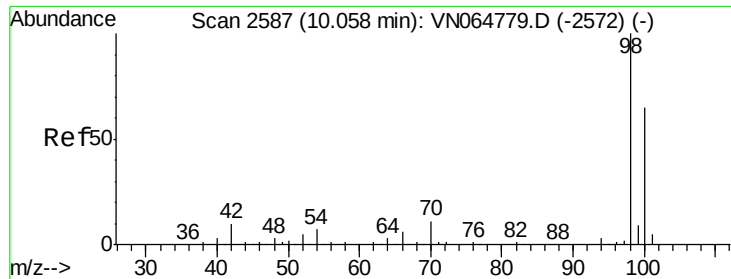


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

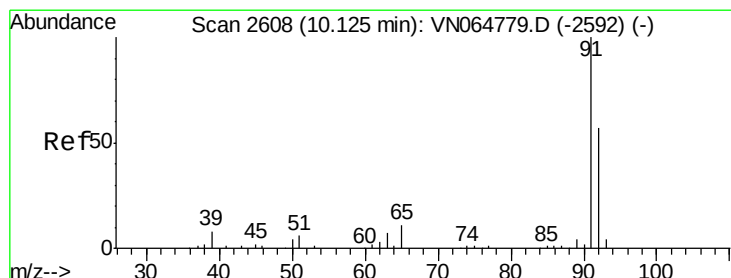
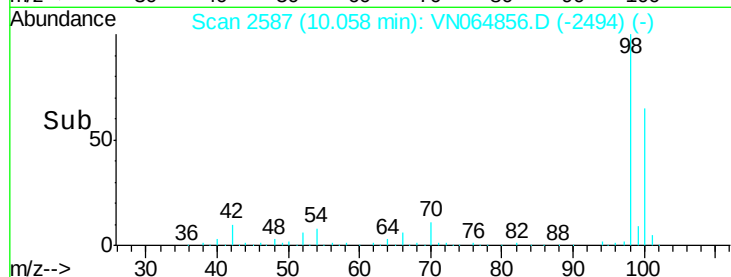
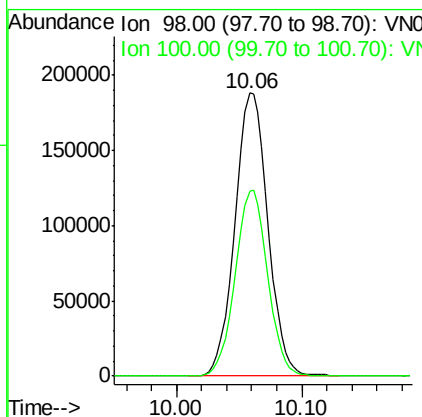
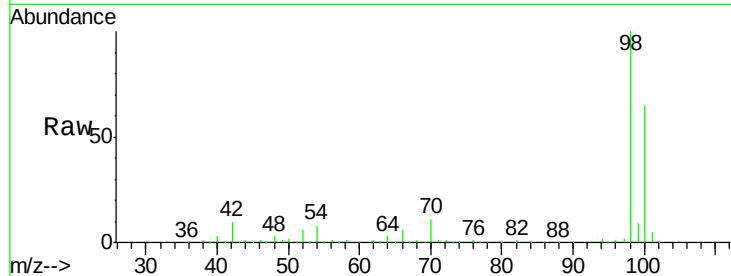




#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064856.D
Acq: 25 Nov 2020 15:06

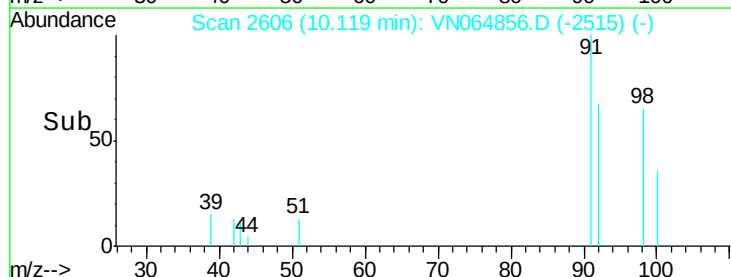
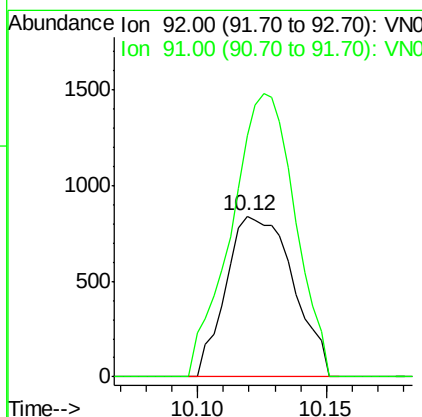
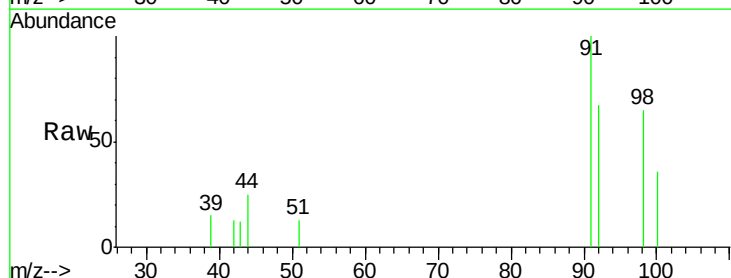
Instrument :
MSVOA_N
ClientSampled :
61-70

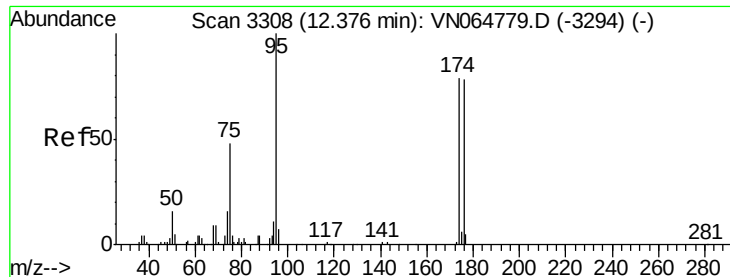
Tot Ion: 98 Resp: 343354
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#52
Toluene
Concen: 0.310 ug/l
RT: 10.12 min Scan# 2606
Delta R.T. -0.01 min
Lab File: VN064856.D
Acq: 25 Nov 2020 15:06

Tgt Ion: 92 Resp: 1520
Ion Ratio Lower Upper
92 100
91 168.1 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 54.737 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

61-70

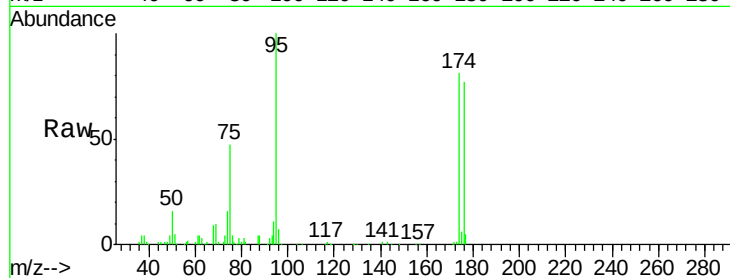
Tot Ion: 95 Resp: 134065

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.4

176 77.6 0.0 158.4

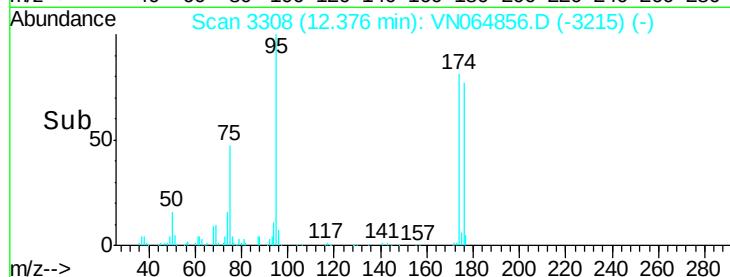


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

Time-->

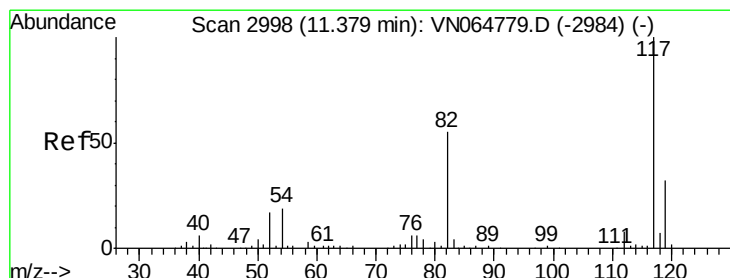


Abundance Ion 94.90 (94.60 to 95.60): VN064856.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064856.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064856.D (-3215) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064856.D

Acq: 25 Nov 2020 15:06

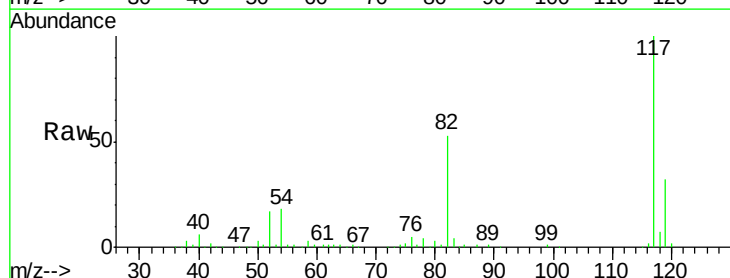
Tgt Ion: 117 Resp: 289323

Ion Ratio Lower Upper

117 100

82 52.9 44.2 66.2

119 32.0 25.8 38.6

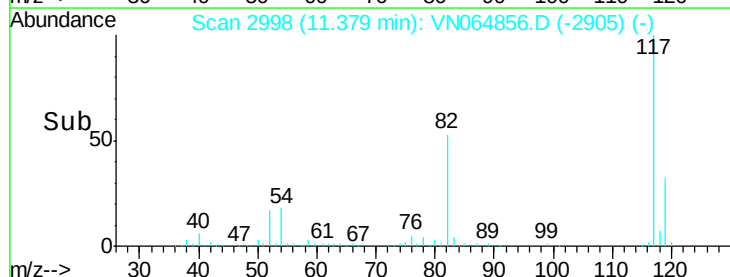


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)

Time-->

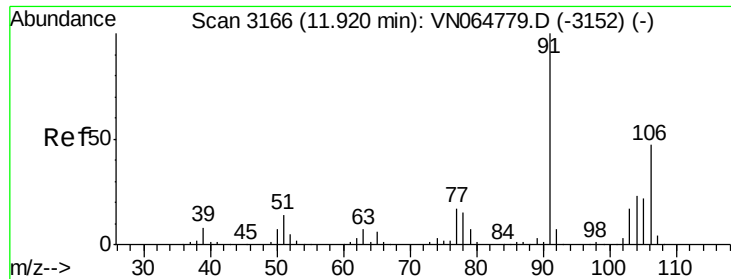


Abundance Ion 116.90 (116.60 to 117.60): VN064856.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064856.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064856.D (-2905) (-)

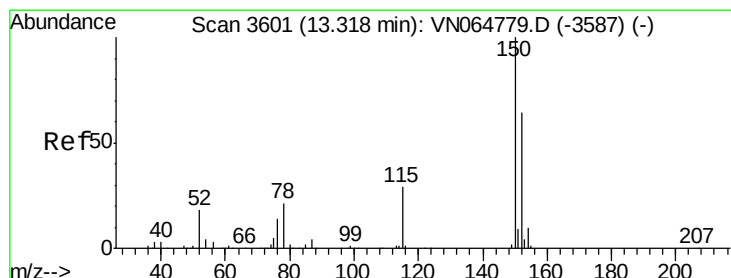
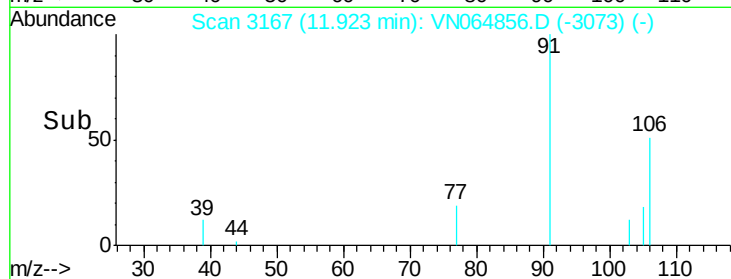
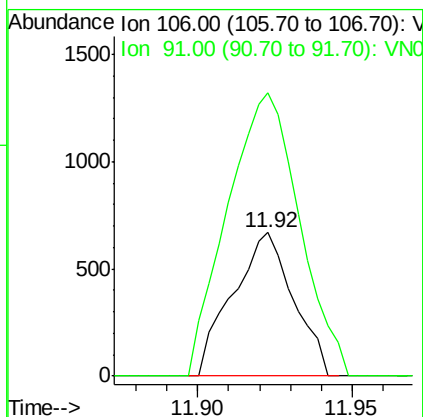
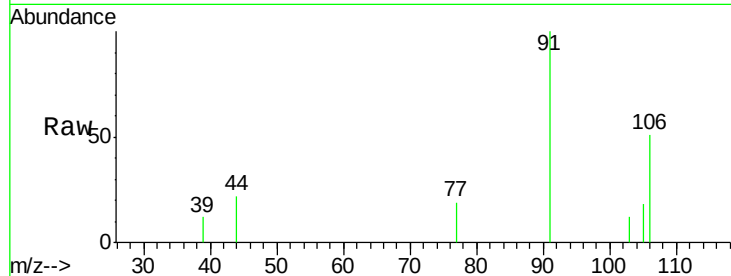
Time-->



#69
o-Xylene
Concen: 0.246 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064856.D
Acq: 25 Nov 2020 15:06

Instrument :
MSVOA_N
ClientSampled :
61-70

Tot Ion:106 Resp: 916
Ion Ratio Lower Upper
106 100
91 233.5 105.5 316.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064856.D
Acq: 25 Nov 2020 15:06

Tgt Ion:152 Resp: 131516
Ion Ratio Lower Upper
152 100
115 58.2 29.7 89.1
150 155.7 0.0 350.6

