

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062819.D
 Acq On : 10 Aug 2020 19:50
 Operator : JC/MD
 Sample : L3506-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080720

Quant Time: Aug 11 07:56:39 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

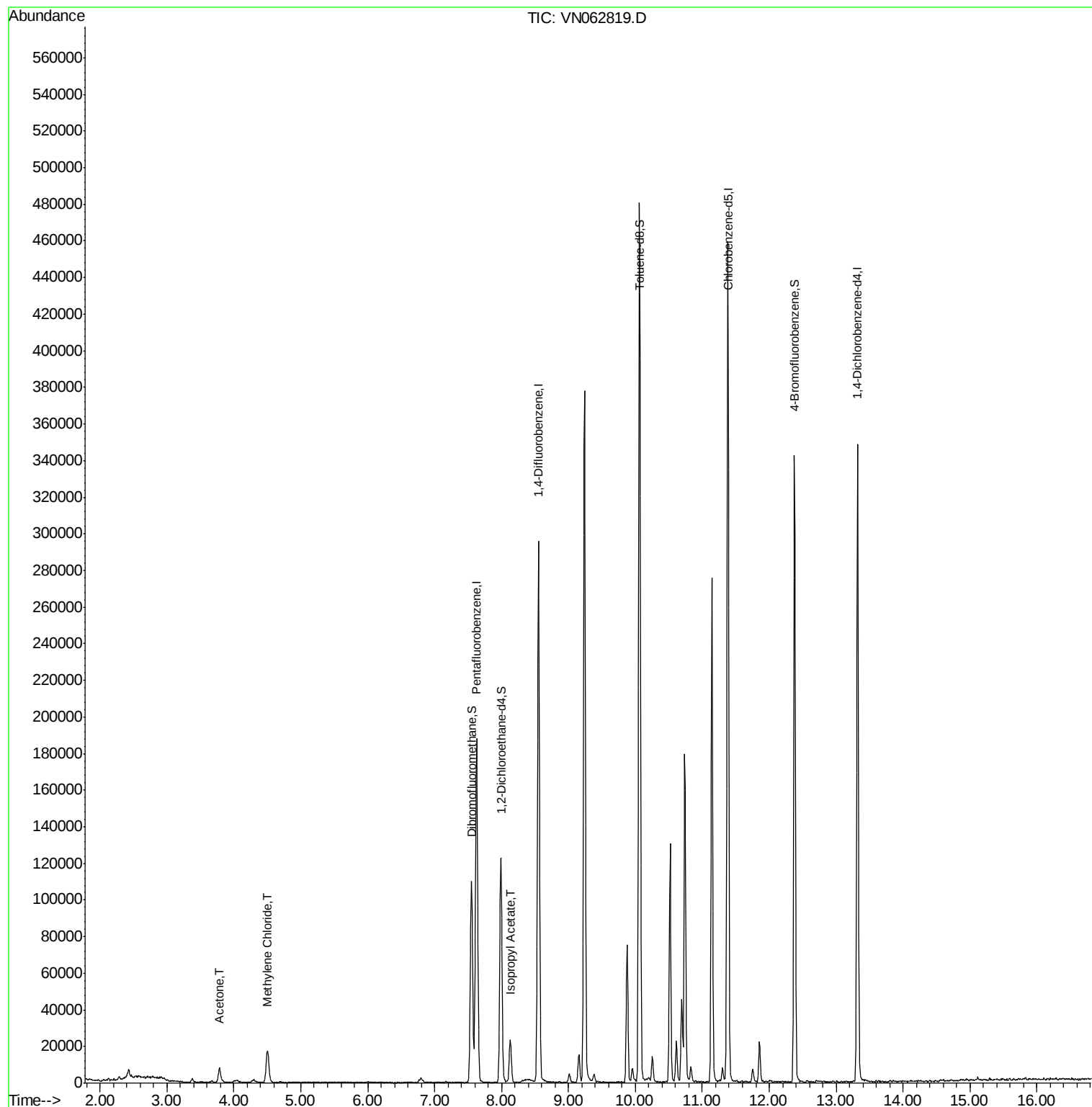
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	142113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115409	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	7.55	113	84114	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.06	98	332370	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	122433	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	3.78	43	13036	15.351	ug/l	99
20) Methylene Chloride	4.50	84	13485	8.039	ug/l	89
43) Isopropyl Acetate	8.13	43	27995	6.544	ug/l	98

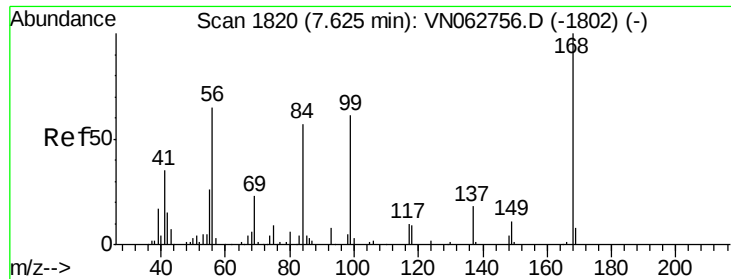
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062819.D

Acq: 10 Aug 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

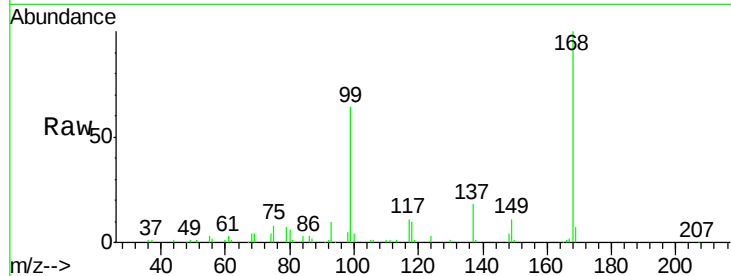
OR-02-080720

Tot Ion:168 Resp: 142113

Ion Ratio Lower Upper

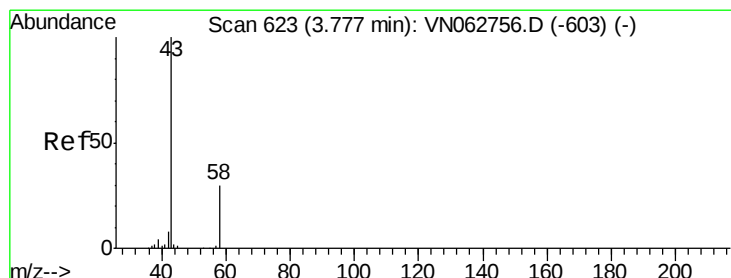
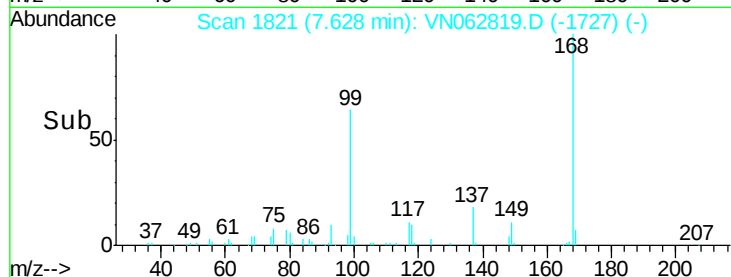
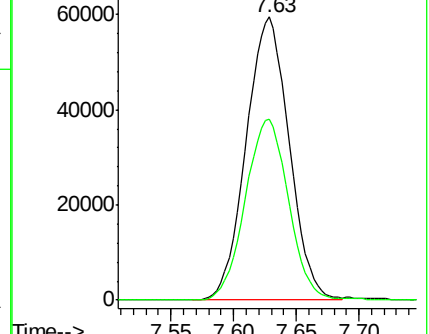
168 100

99 64.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 15.351 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062819.D

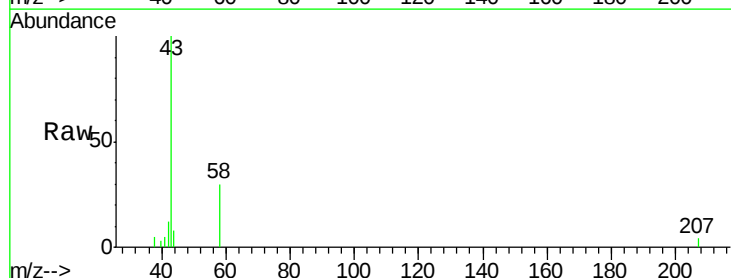
Acq: 10 Aug 2020 19:50

Tgt Ion: 43 Resp: 13036

Ion Ratio Lower Upper

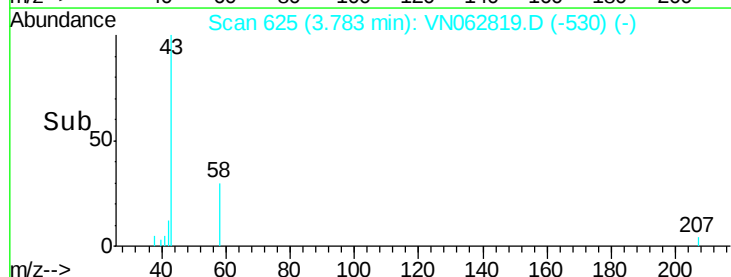
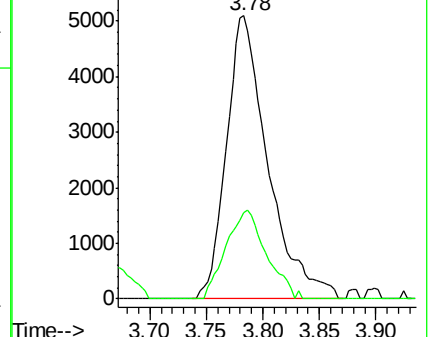
43 100

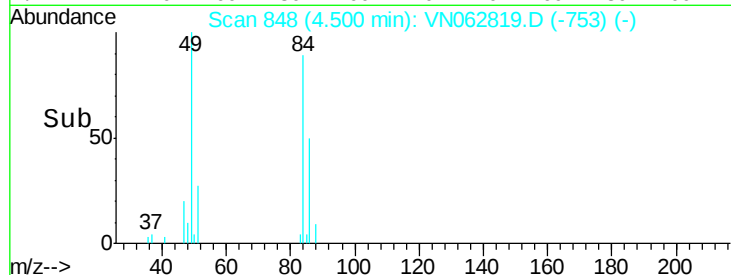
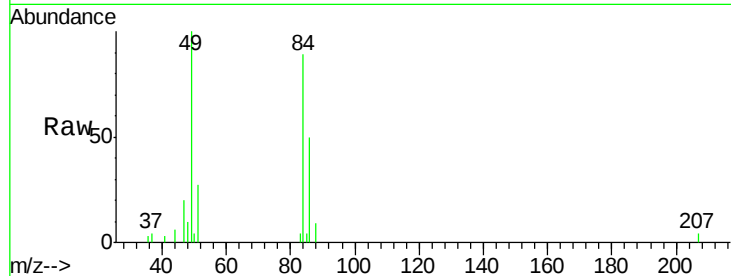
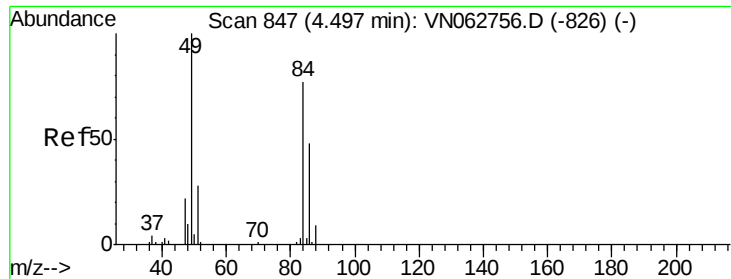
58 30.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

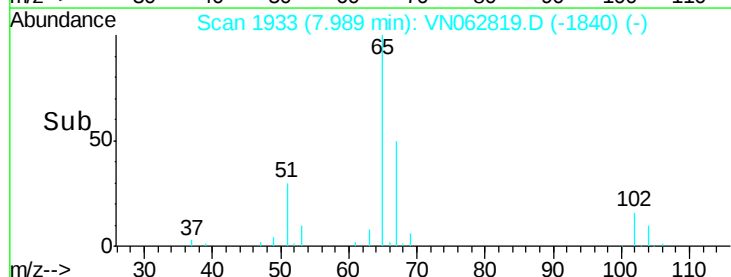
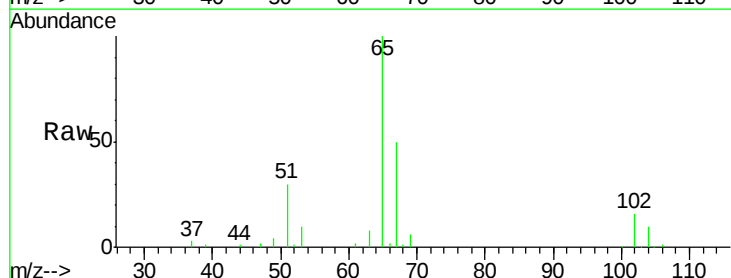
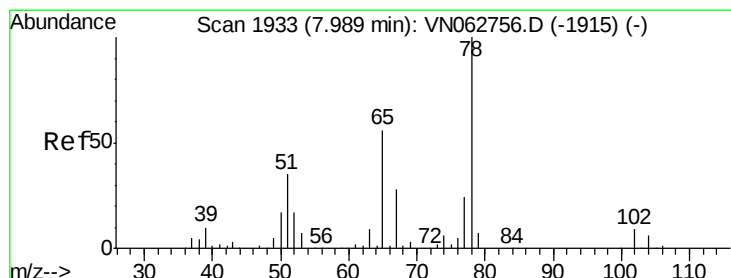
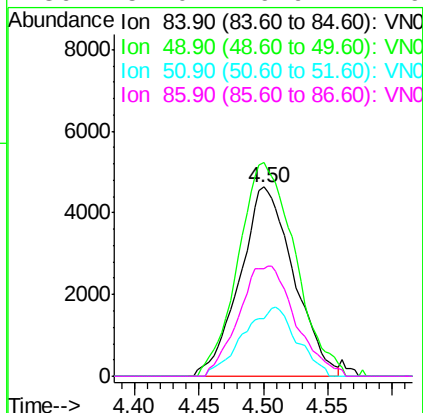




#20
Methvlene Chloride
Concen: 8.039 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062819.D
Acq: 10 Aug 2020 19:50

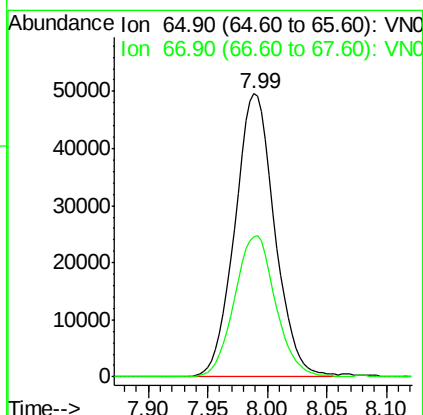
Instrument :
MSVOA_N
ClientSampleId :
OR-02-080720

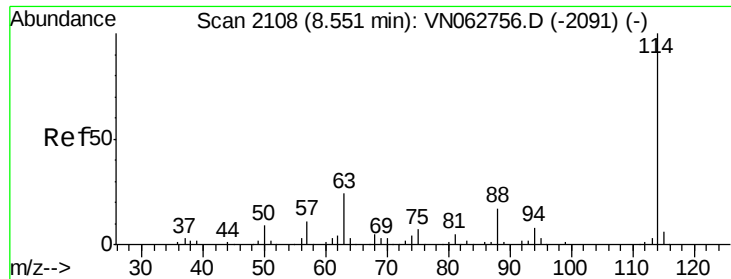
Tot Ion:	84	Resp:	13485
Ion	Ratio	Lower	Upper
84	100		
49	113.0	103.4	155.2
51	30.7	29.3	43.9
86	57.0	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 49.108 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062819.D
Acq: 10 Aug 2020 19:50

Tgt Ion:	65	Resp:	115409
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.4

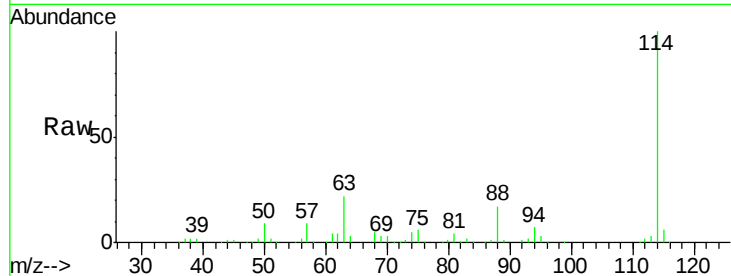




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062819.D
 Acq: 10 Aug 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-080720

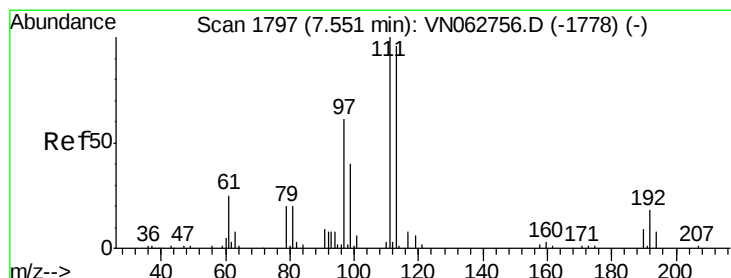
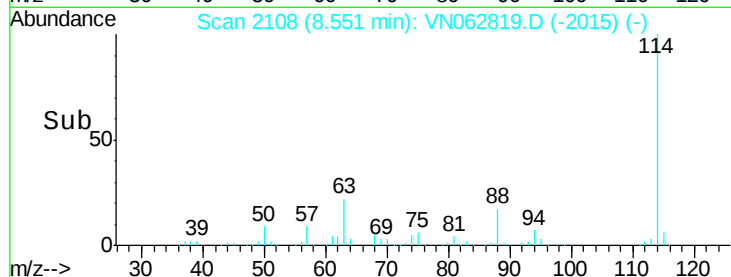
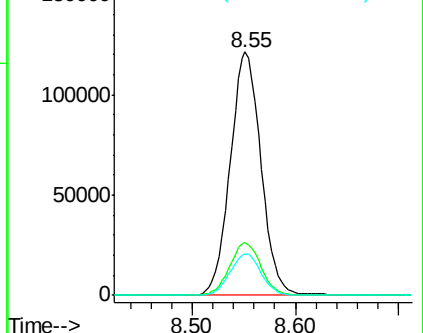
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	47.6
88	17.0	0.0	34.4



Abundance Ion 113.90 (113.60 to 114.60): V

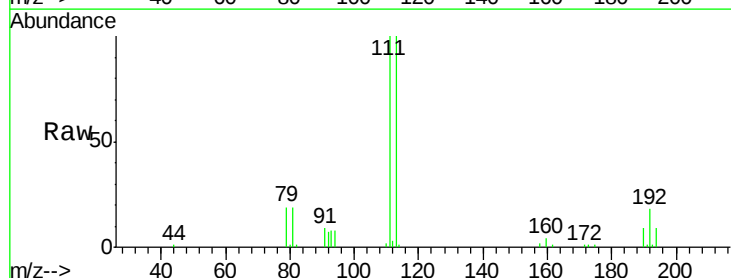
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.767 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062819.D
 Acq: 10 Aug 2020 19:50

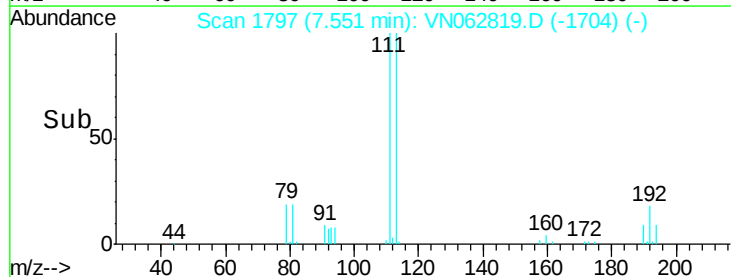
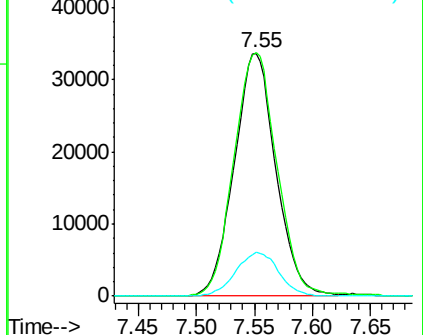
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.6
192	18.6	15.0	22.4

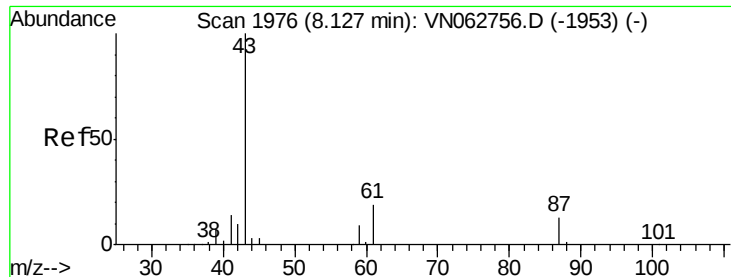


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.544 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062819.D

Acq: 10 Aug 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080720

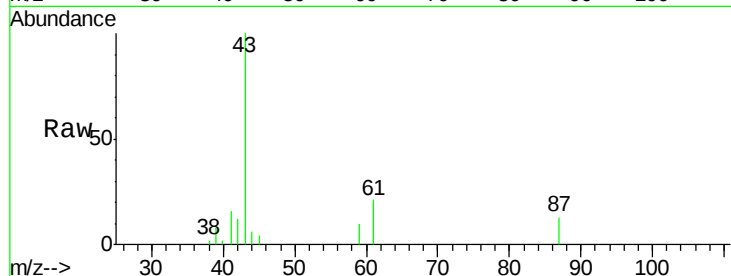
Tot Ion: 43 Resp: 27995

Ion Ratio Lower Upper

43 100

61 19.2 15.8 23.6

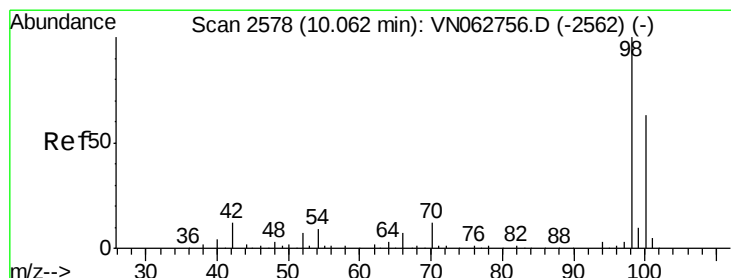
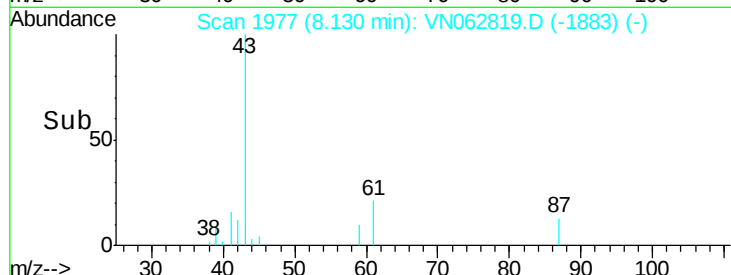
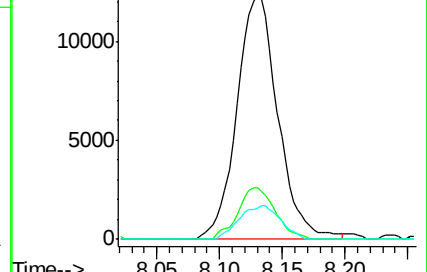
87 13.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#50

Toluene-d8

Concen: 49.358 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062819.D

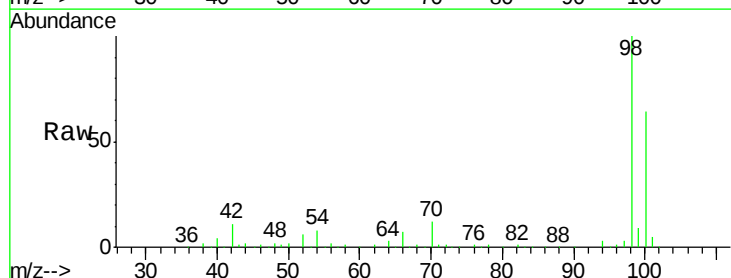
Acq: 10 Aug 2020 19:50

Tgt Ion: 98 Resp: 332370

Ion Ratio Lower Upper

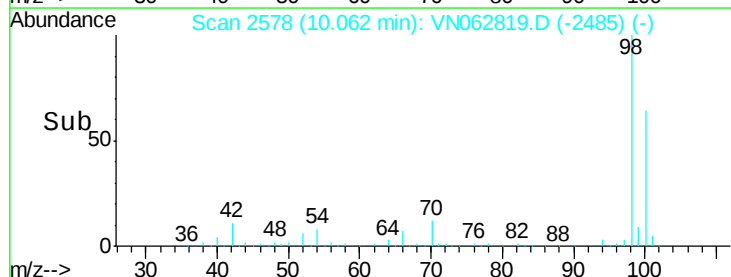
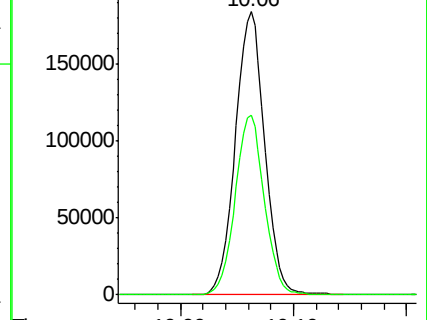
98 100

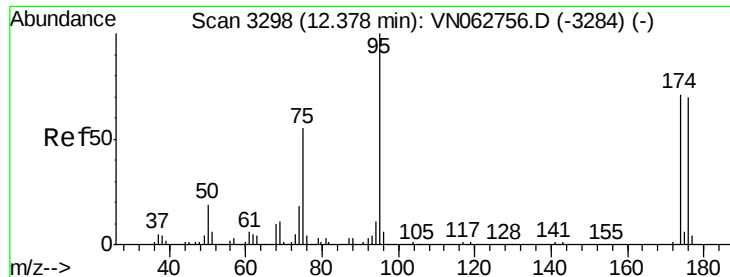
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 48.112 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062819.D

Acq: 10 Aug 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080720

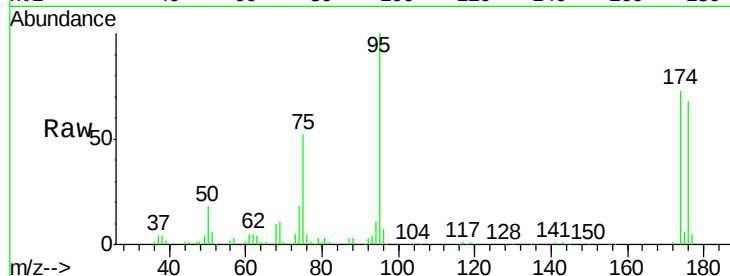
Tot Ion: 95 Resp: 122433

Ion Ratio Lower Upper

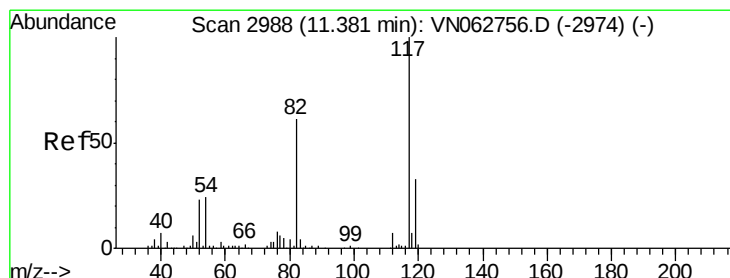
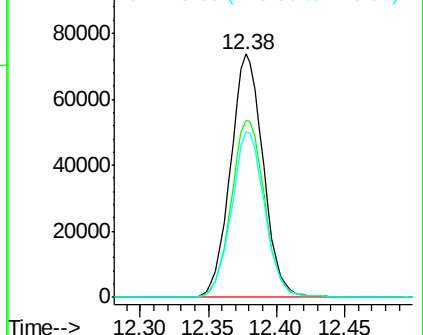
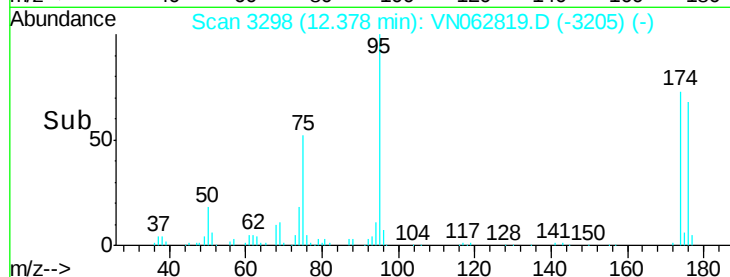
95 100

174 74.4 0.0 144.8

176 68.7 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062819.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062819.D

Acq: 10 Aug 2020 19:50

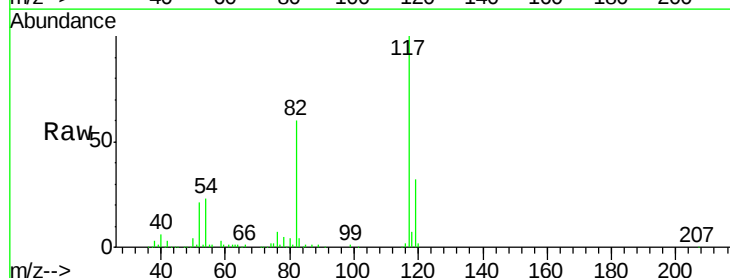
Tgt Ion: 117 Resp: 261062

Ion Ratio Lower Upper

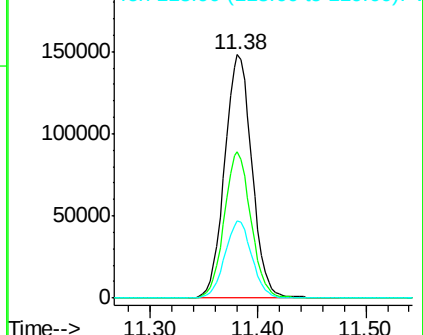
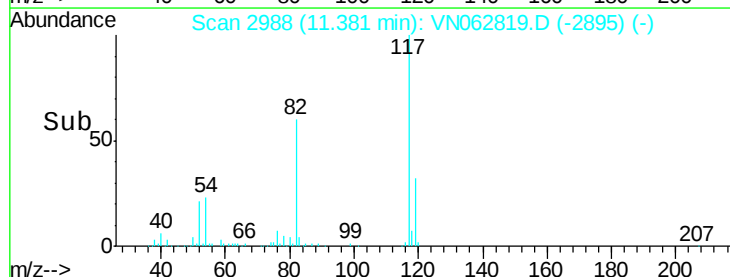
117 100

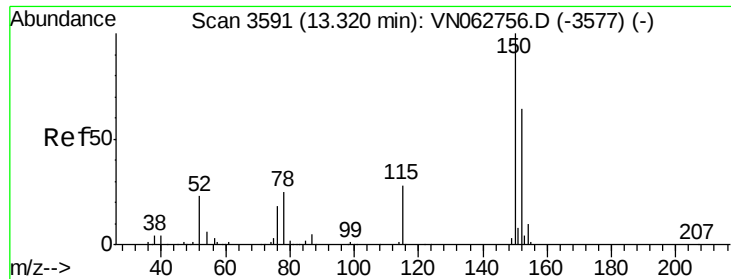
82 60.3 49.0 73.4

119 31.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062819.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062819.D

Acq: 10 Aug 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

OR-02-080720

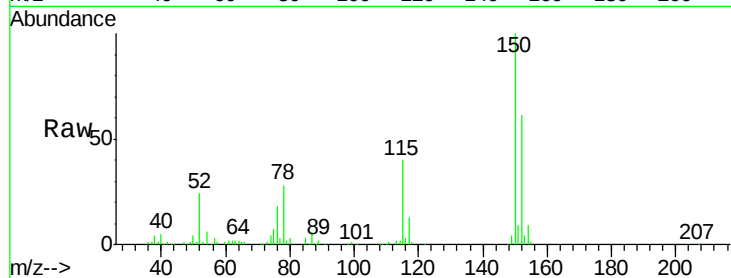
Tot Ion:152 Resp: 92330

Ion Ratio Lower Upper

152 100

115 63.7 31.6 94.8

150 159.7 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

