

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061905.D
 Acq On : 18 Jun 2020 17:15
 Operator : JC/MD
 Sample : L3026-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0574

Quant Time: Jun 19 06:12:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

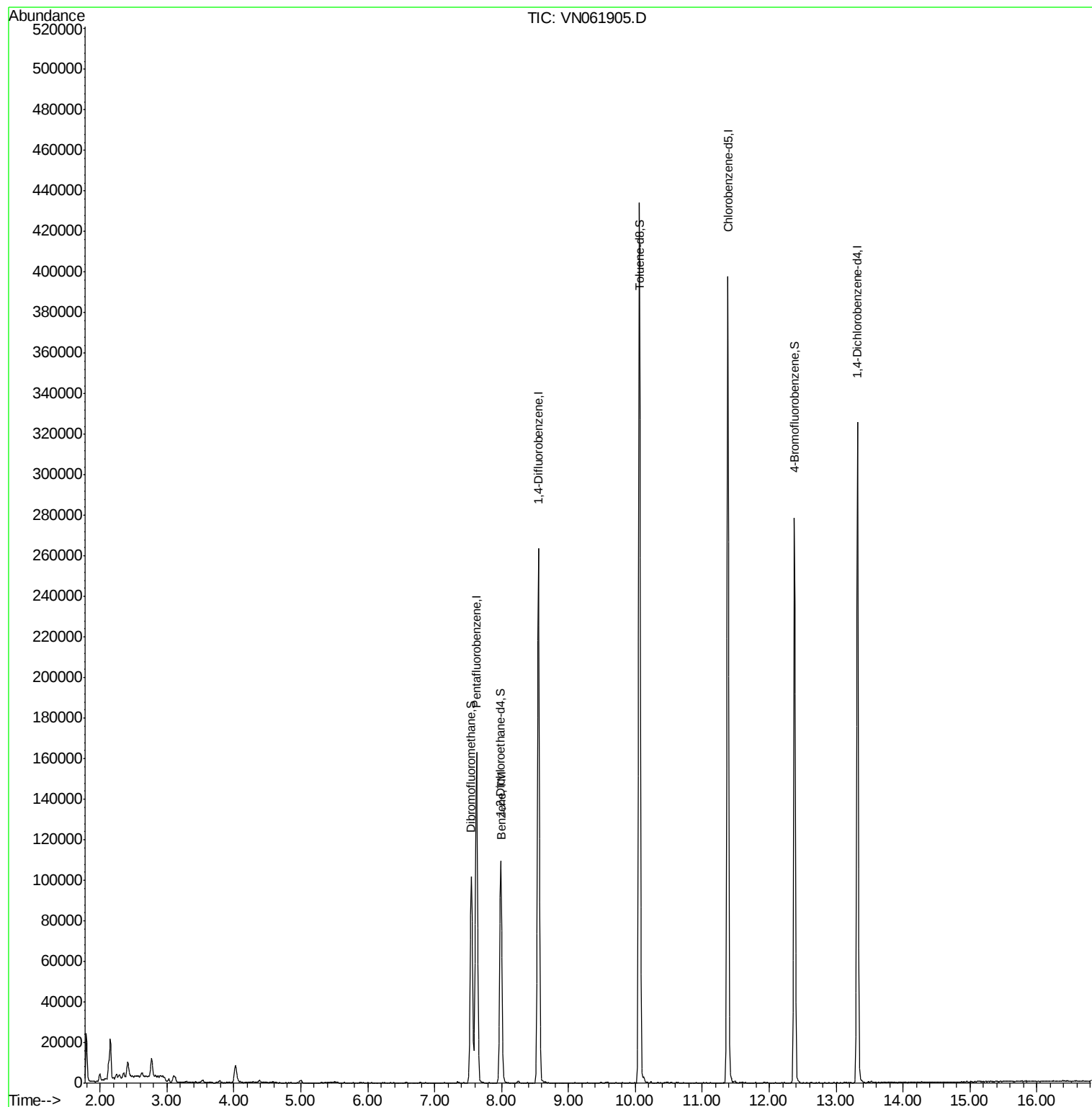
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89744	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	7.55	113	81028	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	10.06	98	305330	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	98574	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
40) Benzene	8.00	78	4550	0.674	ug/l	Qvalue 95

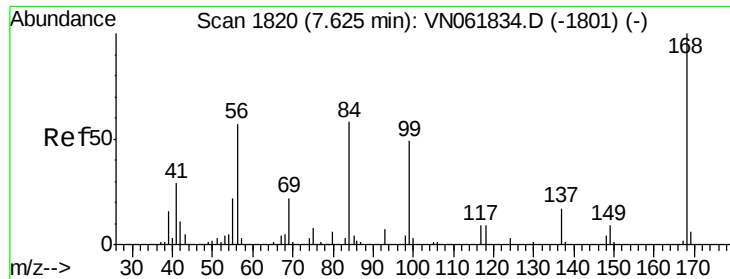
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 01:19:44 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: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

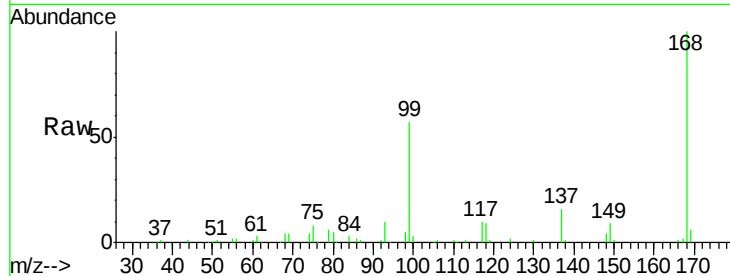
S49-0574

Tot Ion:168 Resp: 132854

Ion Ratio Lower Upper

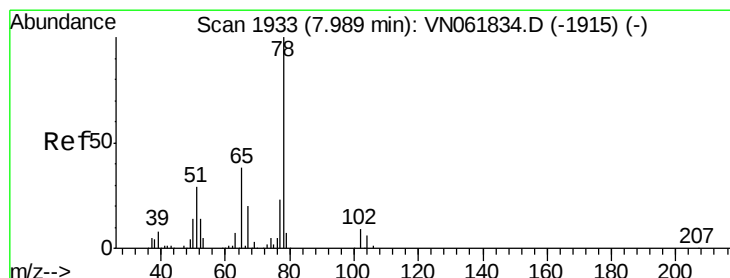
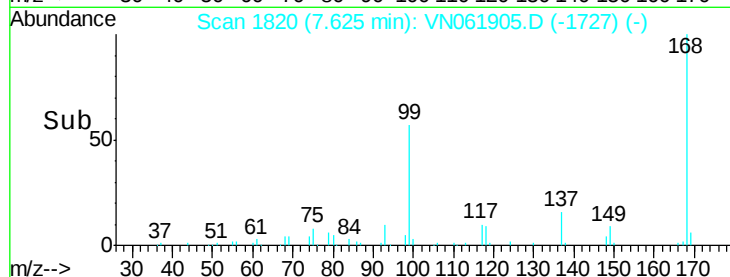
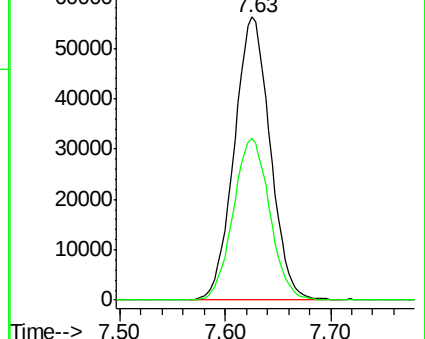
168 100

99 57.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 50.368 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061905.D

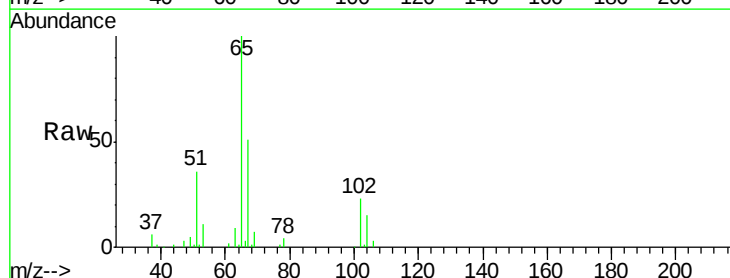
Acq: 18 Jun 2020 17:15

Tgt Ion: 65 Resp: 89744

Ion Ratio Lower Upper

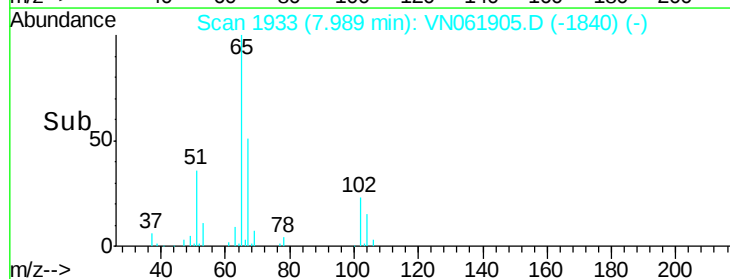
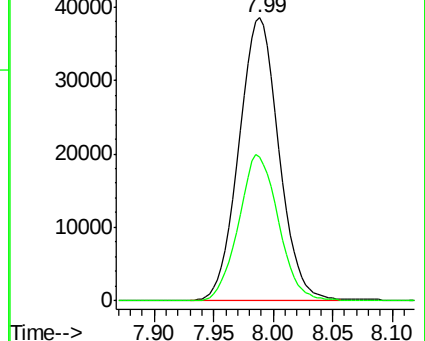
65 100

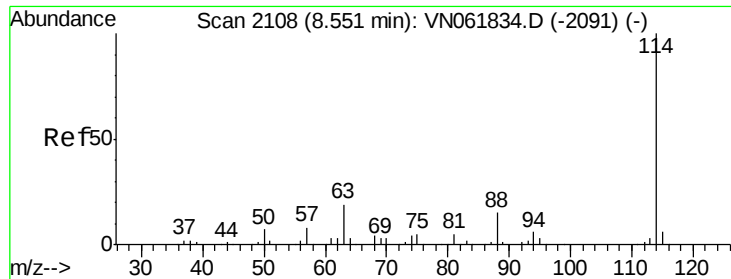
67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

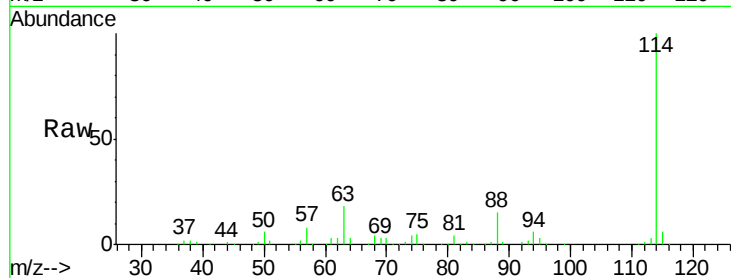




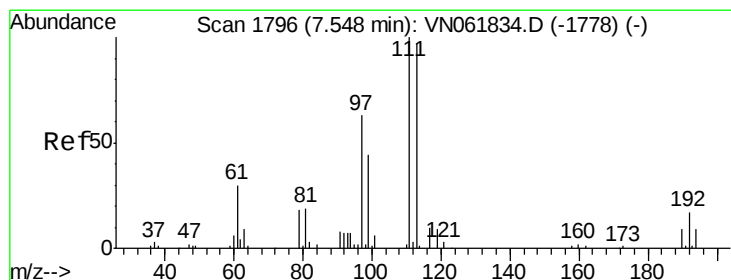
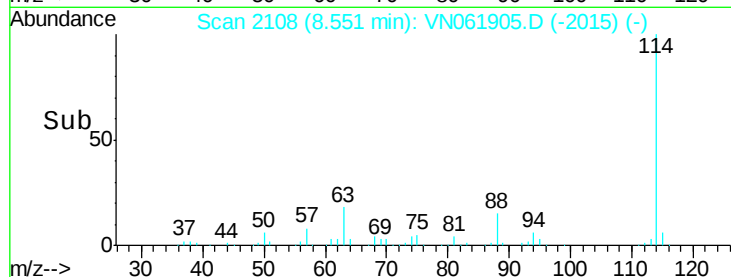
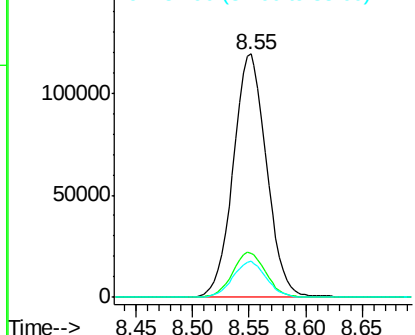
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
S49-0574

Tot Ion:114 Resp: 244311
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.6
88 14.8 0.0 31.0

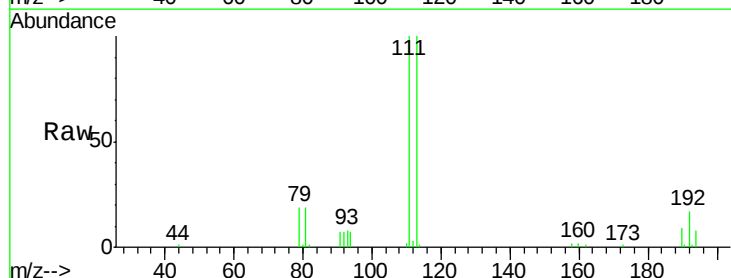


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

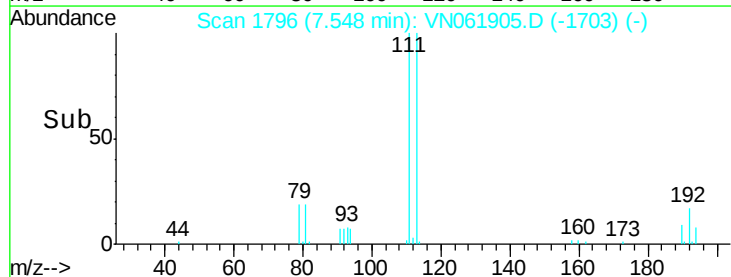
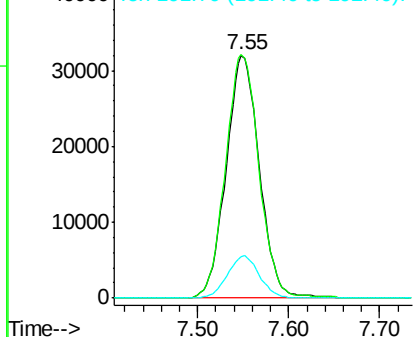


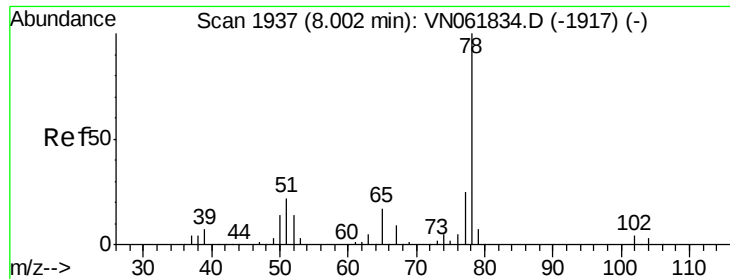
#35
Dibromofluoromethane
Concen: 51.842 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061905.D
Acq: 18 Jun 2020 17:15

Tgt Ion:113 Resp: 81028
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 16.8 13.9 20.9



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





#40

Benzene

Concen: 0.674 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

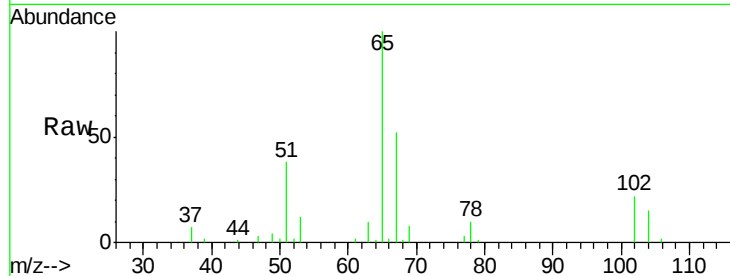
S49-0574

Tot Ion: 78 Resp: 4550

Ion Ratio Lower Upper

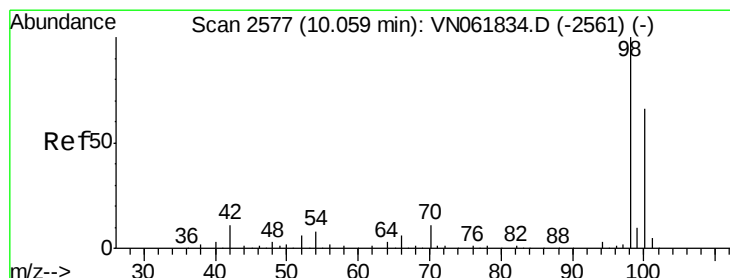
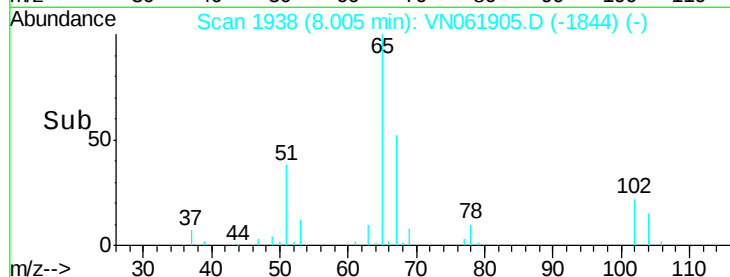
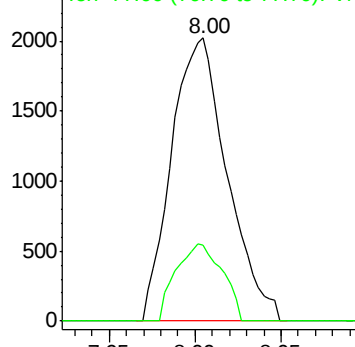
78 100

77 26.9 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 49.690 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061905.D

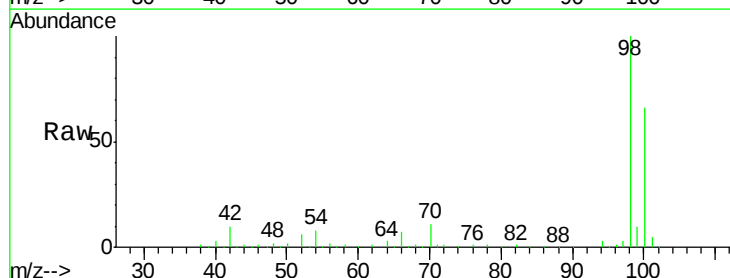
Acq: 18 Jun 2020 17:15

Tgt Ion: 98 Resp: 305330

Ion Ratio Lower Upper

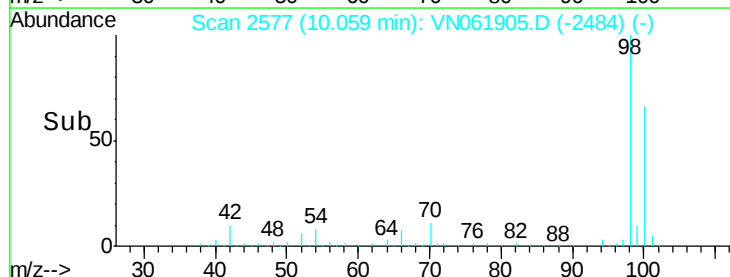
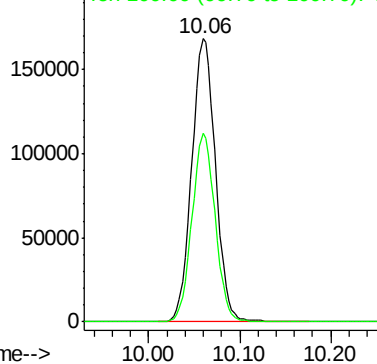
98 100

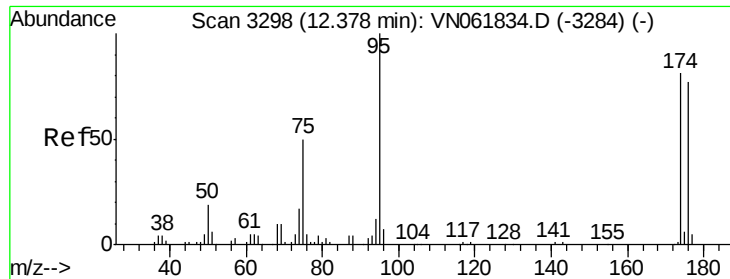
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

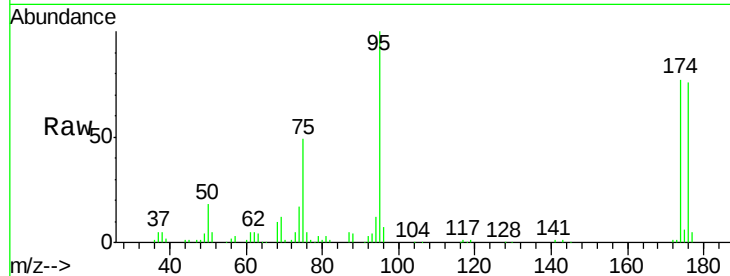




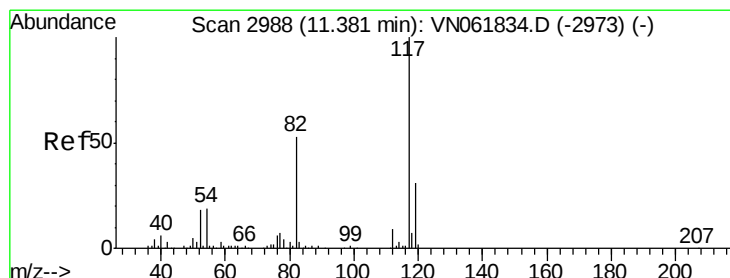
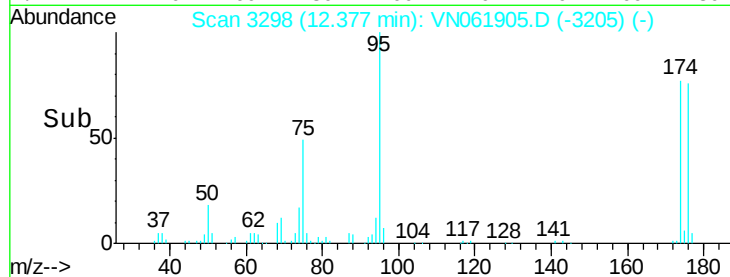
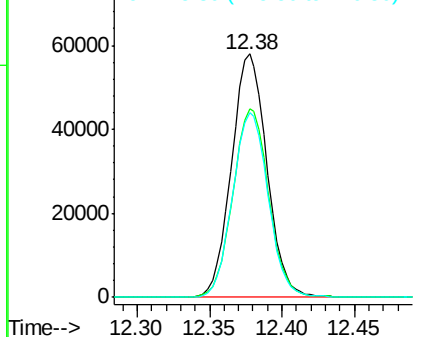
#62
 4-Bromofluorobenzene
 Concen: 46.768 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0574

Tot Ion: 95 Resp: 98574
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 158.6
 176 76.3 0.0 152.0

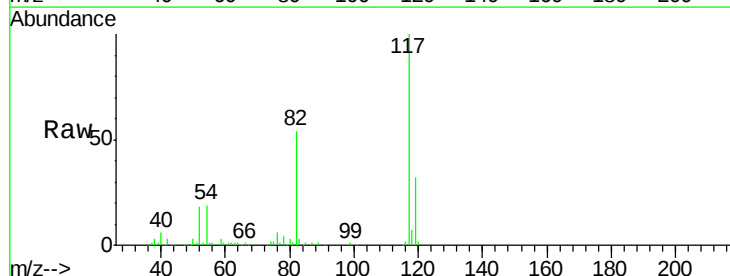


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
 Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
 Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

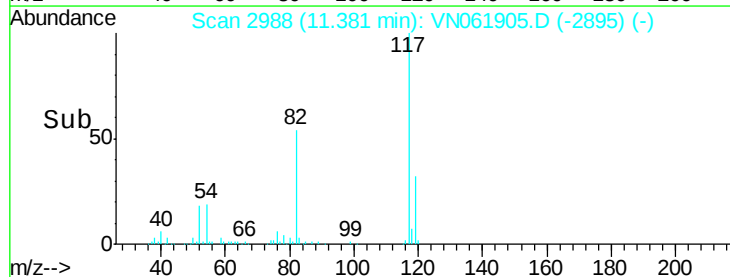
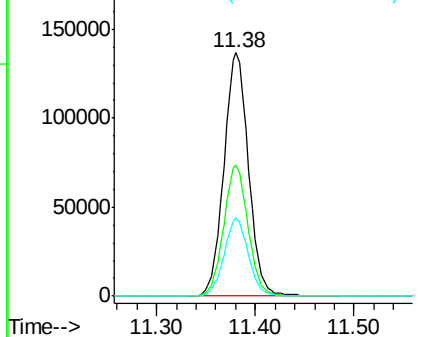


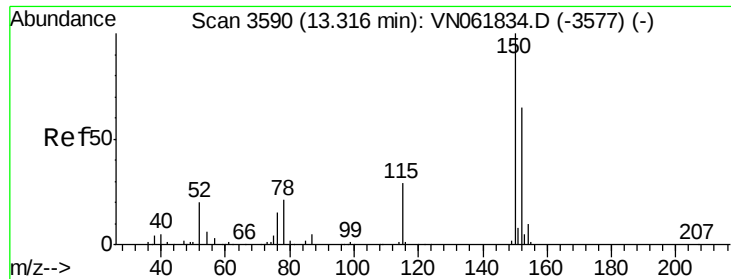
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061905.D
 Acq: 18 Jun 2020 17:15

Tgt Ion: 117 Resp: 238673
 Ion Ratio Lower Upper
 117 100
 82 53.7 42.6 64.0
 119 32.0 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
 Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
 Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061905.D

Acq: 18 Jun 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

S49-0574

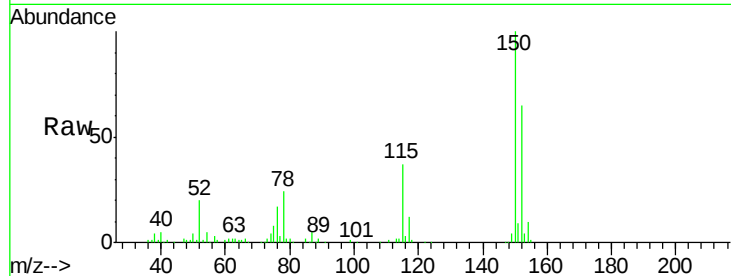
Tot Ion:152 Resp: 91828

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 155.1 0.0 347.6



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

