

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058892.D
 Acq On : 21 Oct 2019 16:35
 Operator : JC/SP
 Sample : K5420-15
 Misc : 6.12g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Oct 22 04:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

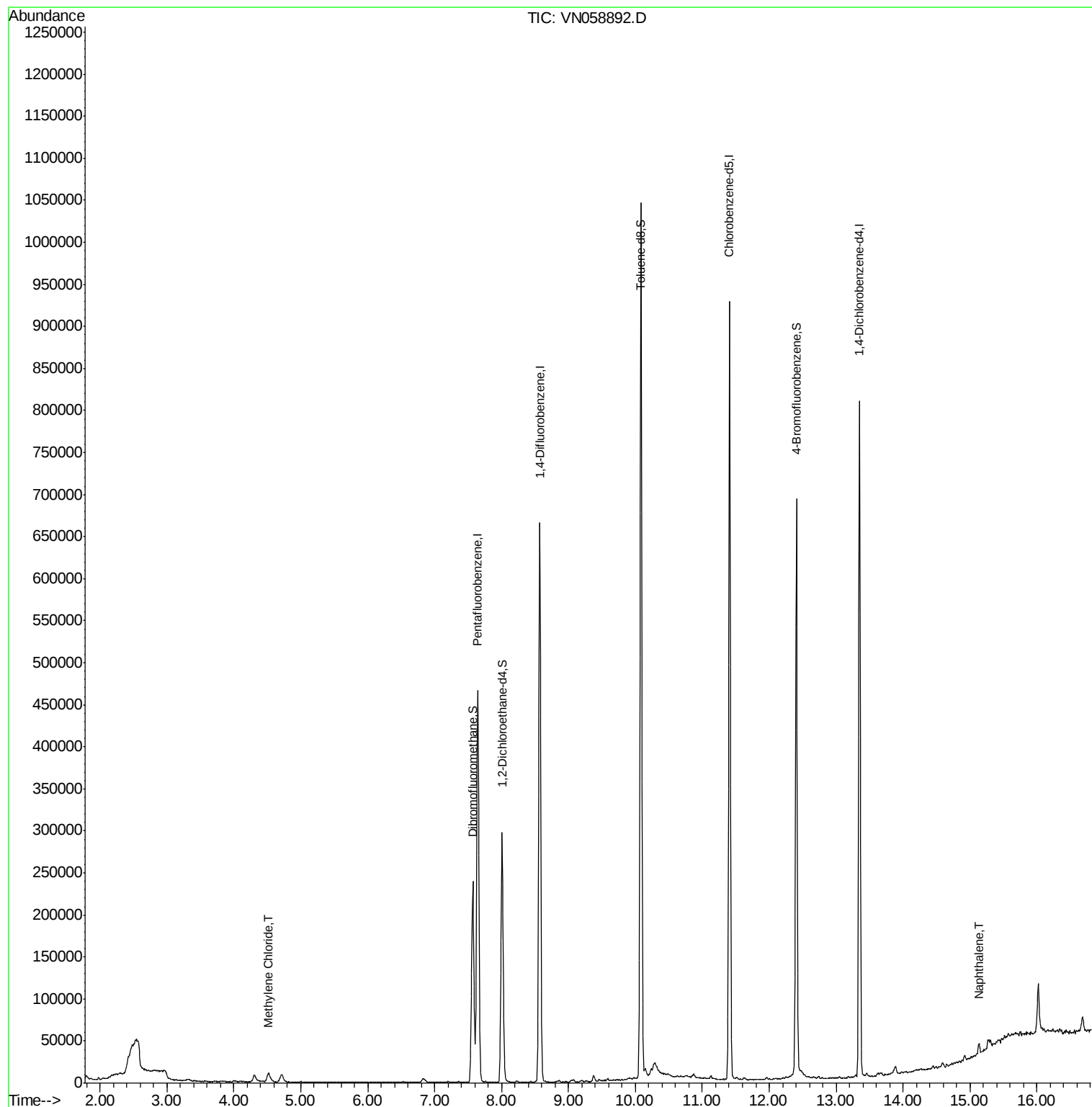
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	358565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	255045	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	7.57	113	181470	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	10.08	98	712641	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.41	95	237925	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
20) Methylene Chloride	4.51	84	8835	1.991	ug/l	88
95) Naphthalene	15.13	128	8603	2.918	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN058892.D

Acq: 21 Oct 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

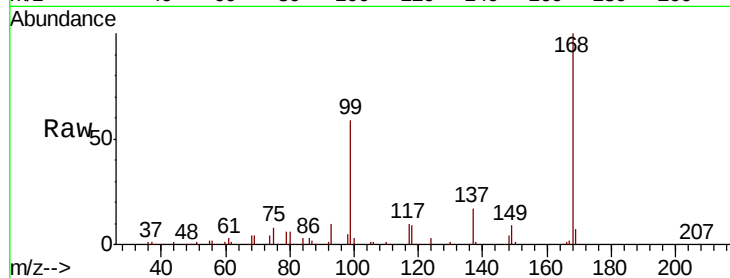
SP-2

Tot Ion:168 Resp: 358565

Ion Ratio Lower Upper

168 100

99 59.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

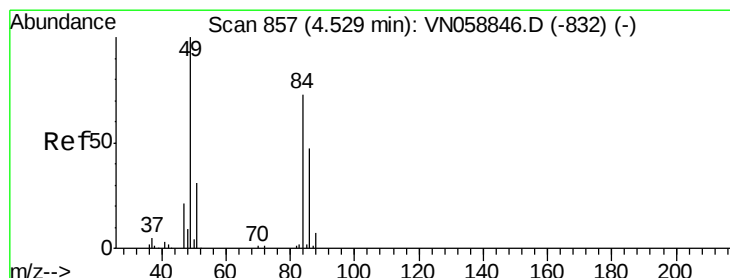
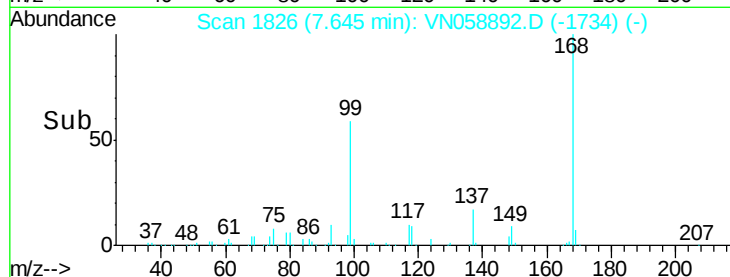
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.991 ug/l

RT: 4.51 min Scan# 852

Delta R.T. -0.02 min

Lab File: VN058892.D

Acq: 21 Oct 2019 16:35

Tgt Ion: 84 Resp: 8835

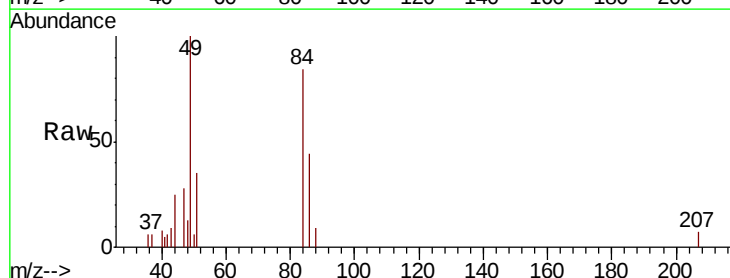
Ion Ratio Lower Upper

84 100

49 119.6 109.6 164.4

51 41.5 33.8 50.6

86 52.2 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

5000

4000

3000

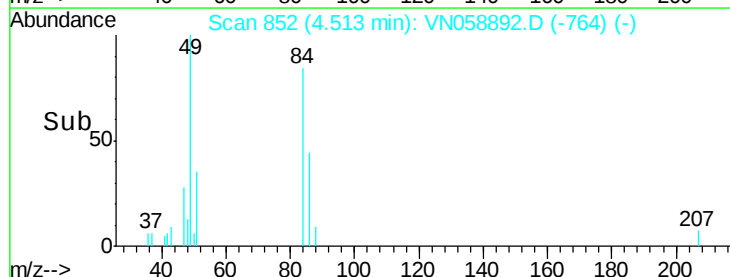
2000

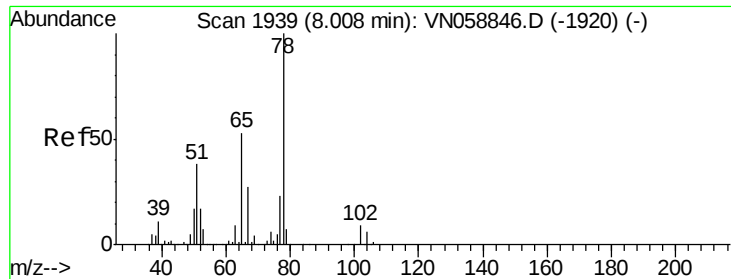
1000

0

4.45 4.50 4.55 4.60

Time-->

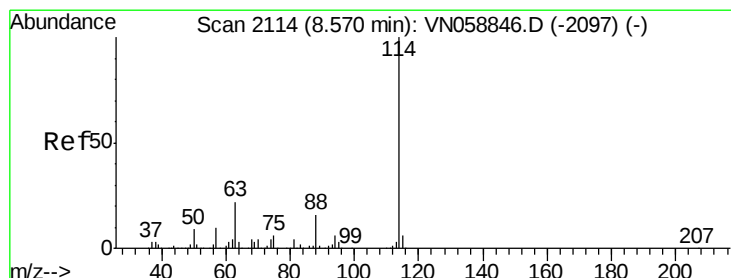
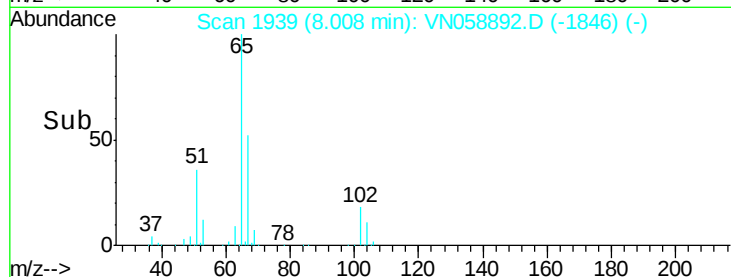
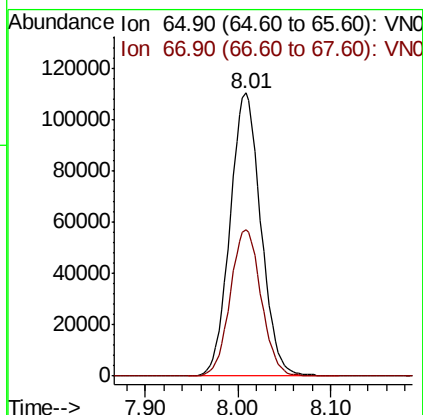
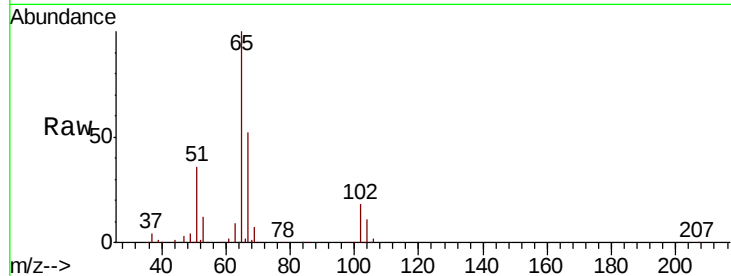




#33
 1,2-Dichloroethane-d4
 Concen: 48.498 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN058892.D
 Acq: 21 Oct 2019 16:35

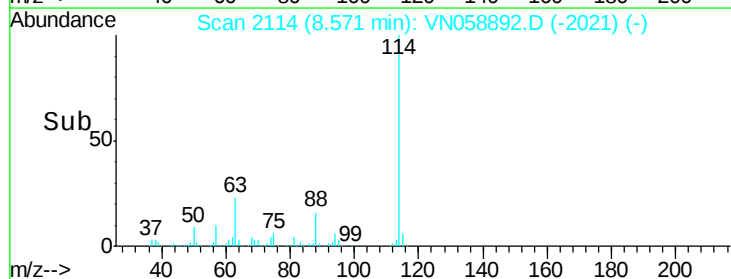
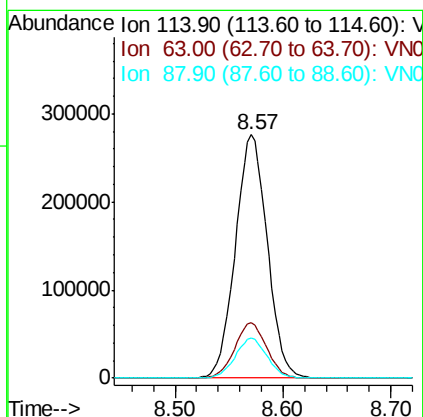
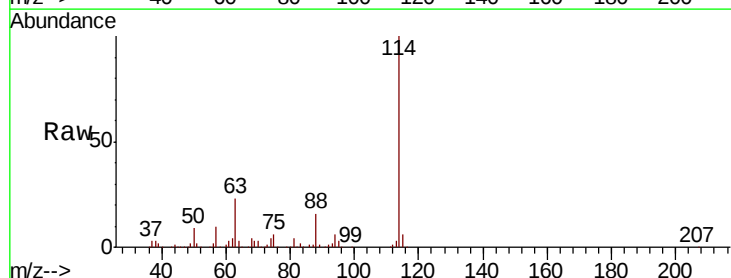
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

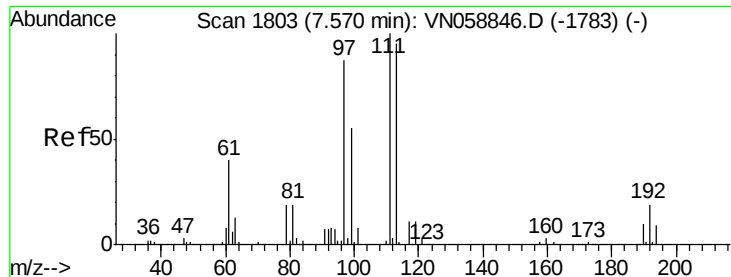
Tot Ion: 65 Resp: 255045
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058892.D
 Acq: 21 Oct 2019 16:35

Tgt Ion: 114 Resp: 569024
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.4 0.0 31.4

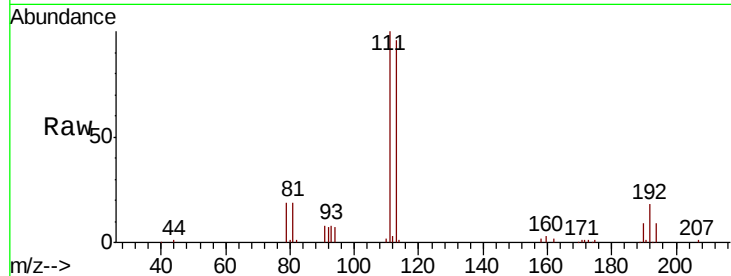




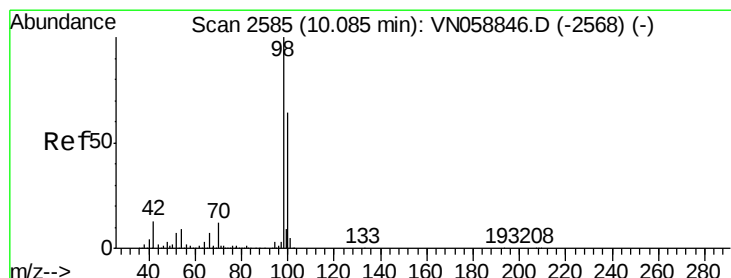
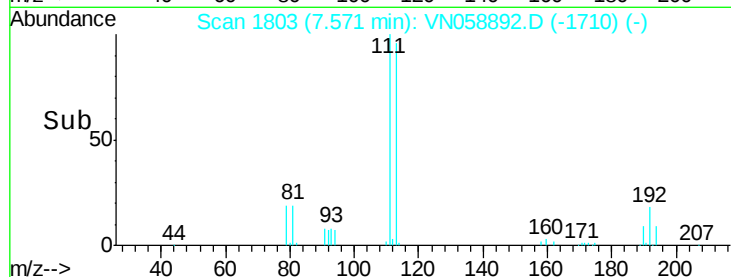
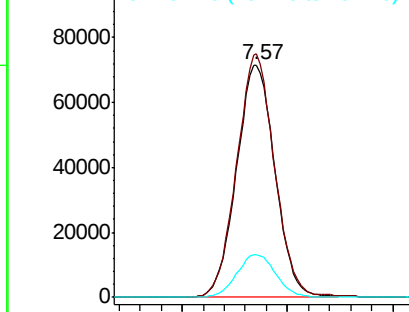
#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058892.D
Acq: 21 Oct 2019 16:35

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tot Ion:113 Resp: 181470
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.7 15.0 22.6

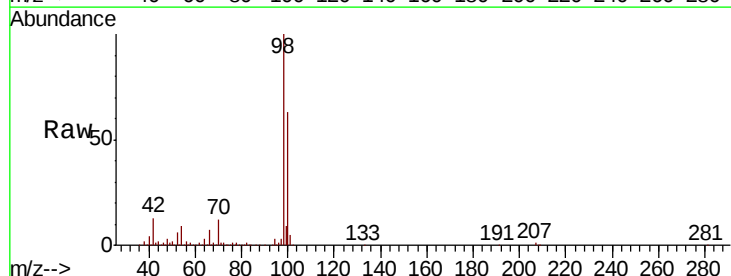


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

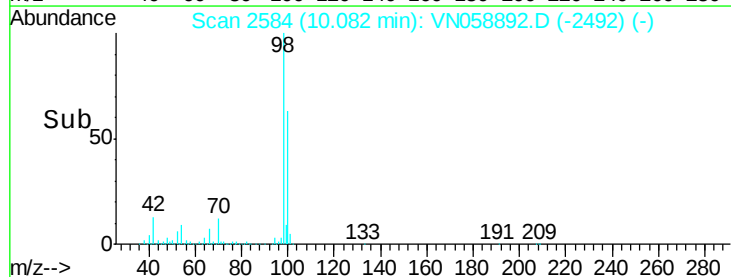
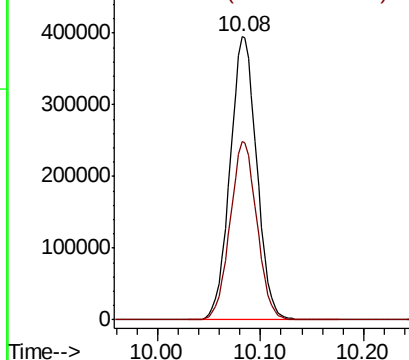


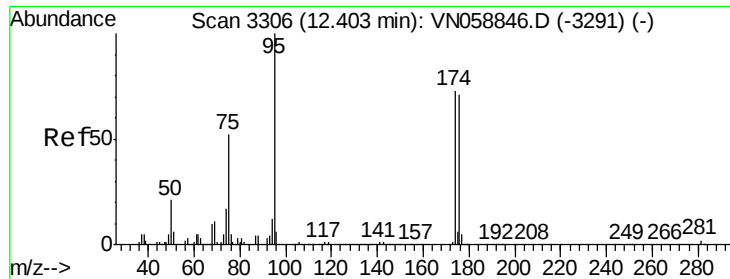
#50
Toluene-d8
Concen: 49.071 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058892.D
Acq: 21 Oct 2019 16:35

Tgt Ion: 98 Resp: 712641
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

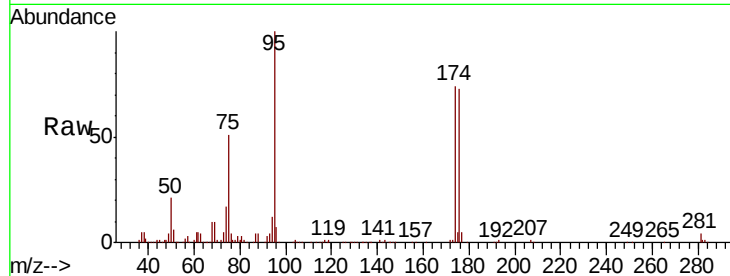




#62
4-Bromofluorobenzene
Concen: 44.613 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058892.D
Acq: 21 Oct 2019 16:35

Instrument :
MSVOA_N
ClientSampleId :
SP-2

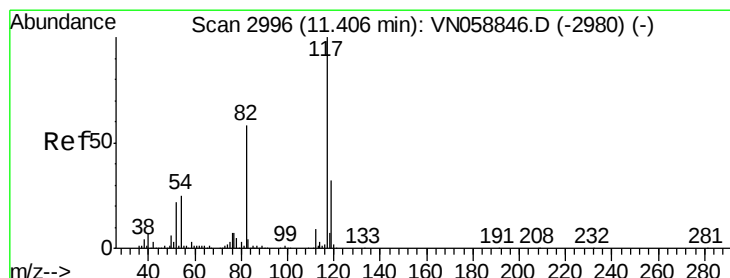
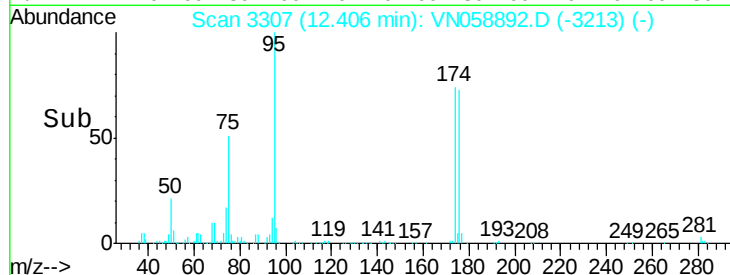
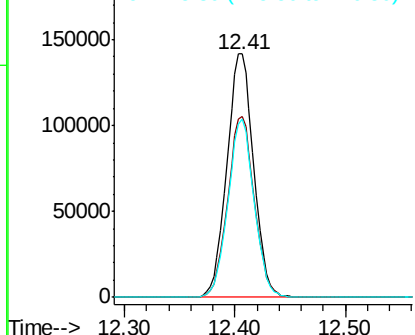
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	147.6
176	71.7	0.0	143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

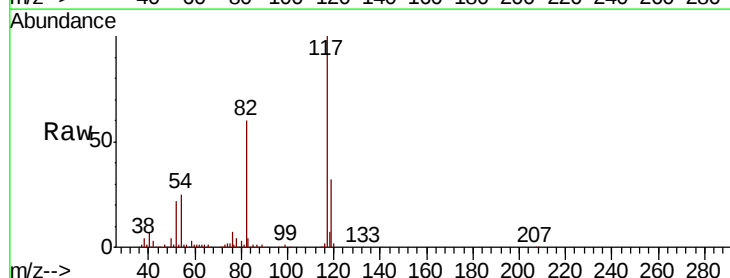
Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058892.D
Acq: 21 Oct 2019 16:35

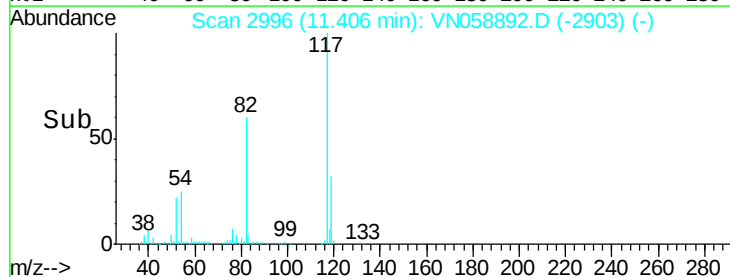
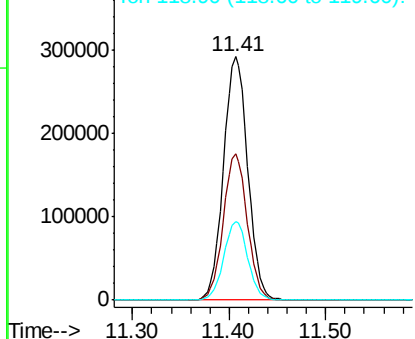
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.6	69.8
119	32.4	25.6	38.4

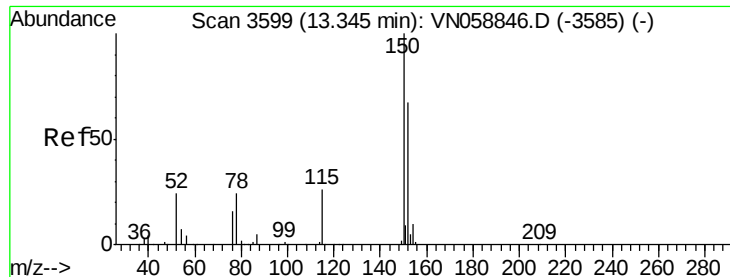


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058892.D

Acq: 21 Oct 2019 16:35

Instrument :

MSVOA_N

ClientSampled :

SP-2

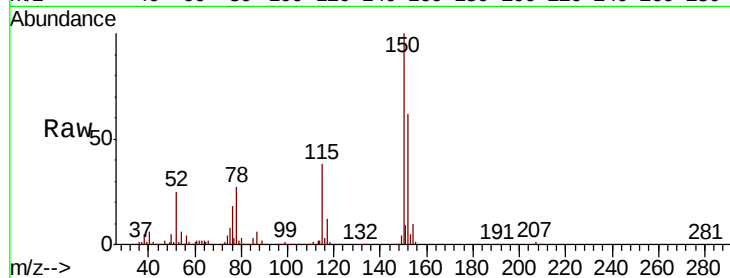
Tot Ion:152 Resp: 207138

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

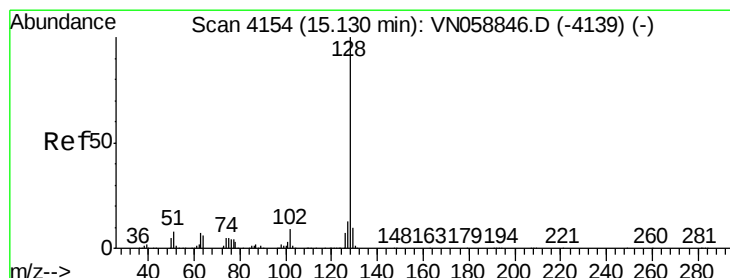
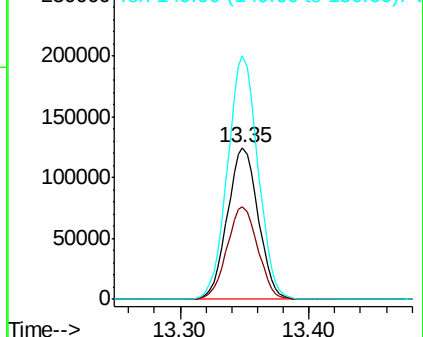
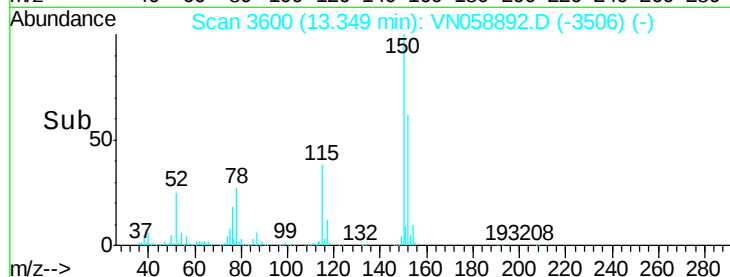
150 157.8 0.0 344.4



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



#95

Naphthalene

Concen: 2.918 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058892.D

Acq: 21 Oct 2019 16:35

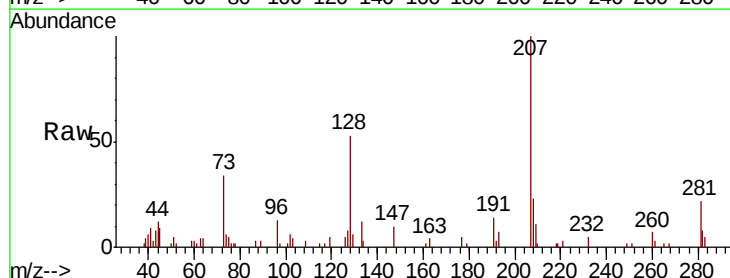
Tgt Ion:128 Resp: 8603

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.8 8.4 12.6



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

