

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057033.D
 Acq On : 1 Aug 2019 13:38
 Operator : JC/SP
 Sample : K4097-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-443-445

Quant Time: Aug 02 11:26:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

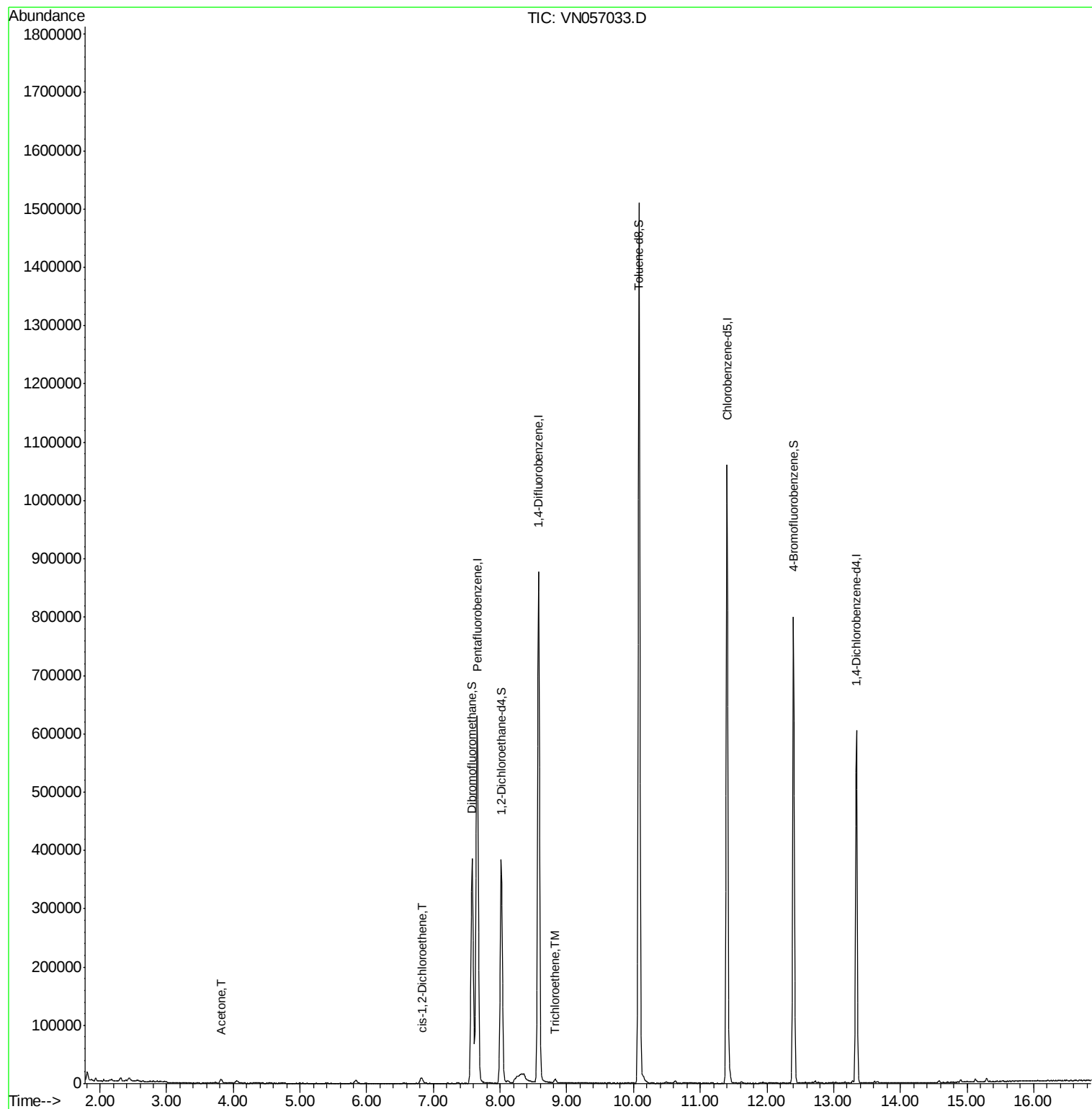
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	570930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	832694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	678711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	327101	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.58	113	298911	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
50) Toluene-d8	10.08	98	1128567	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
62) 4-Bromofluorobenzene	12.40	95	289254	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
16) Acetone	3.81	43	11345	5.358	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	6479	1.028	ug/l	92
44) Trichloroethene	8.83	130	3247	0.522	ug/l	91

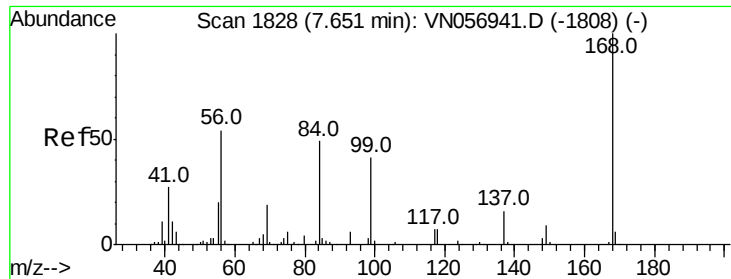
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080119\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057033.D

Acq: 1 Aug 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

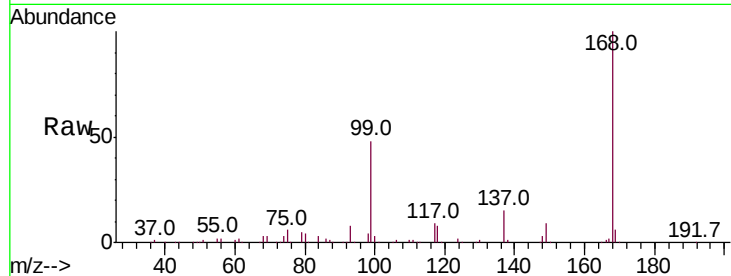
BP-VPB203-GW-443-445

Tot Ion:168 Resp: 570930

Ion Ratio Lower Upper

168 100

99 47.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

150000

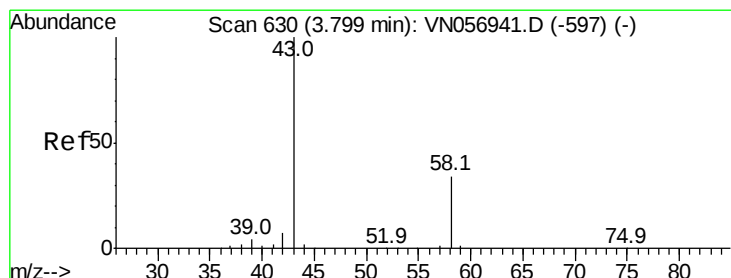
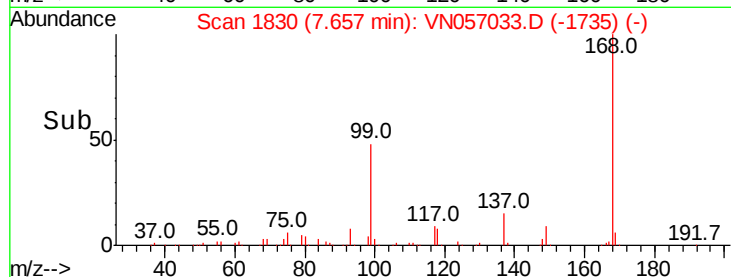
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.358 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057033.D

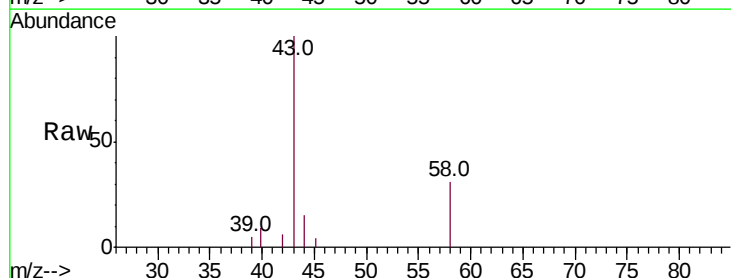
Acq: 1 Aug 2019 13:38

Tgt Ion: 43 Resp: 11345

Ion Ratio Lower Upper

43 100

58 31.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-597) (-)

3.81

5000

4000

3000

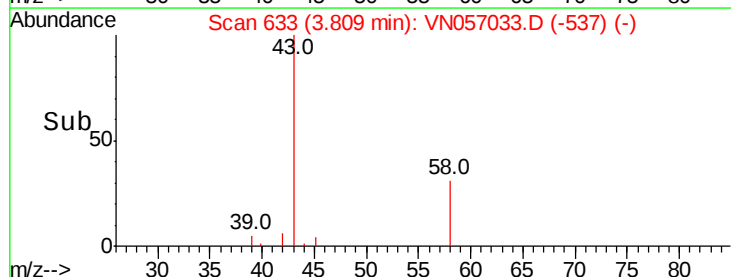
2000

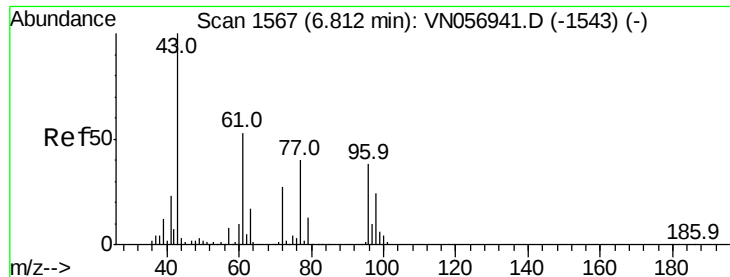
1000

0

3.75 3.80 3.85 3.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.028 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057033.D

Acq: 1 Aug 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-443-445

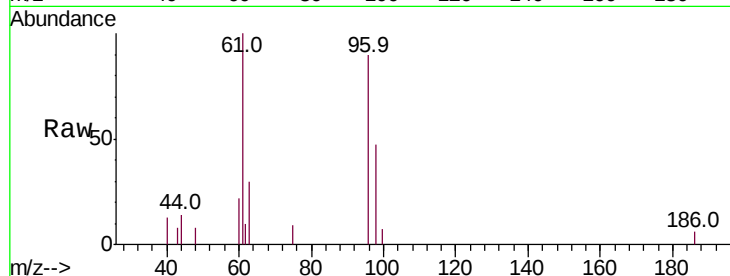
Tot Ion: 96 Resp: 6479

Ion Ratio Lower Upper

96 100

61 124.7 0.0 277.2

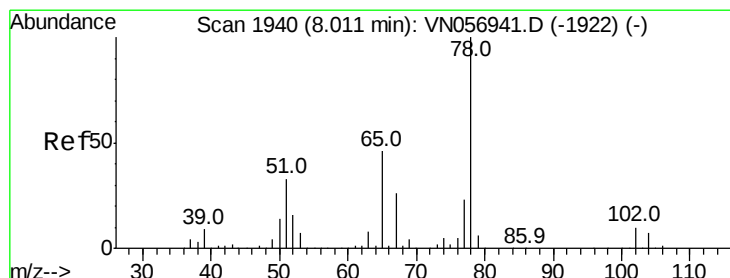
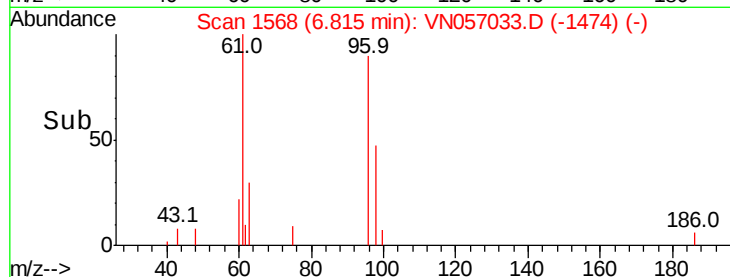
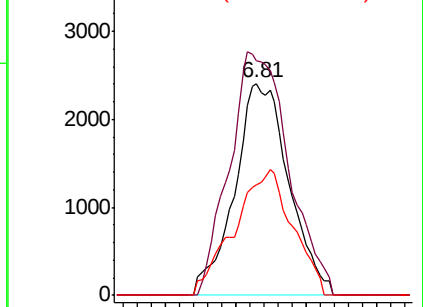
98 63.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN056941.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN056941.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN056941.D (-1543) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.969 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057033.D

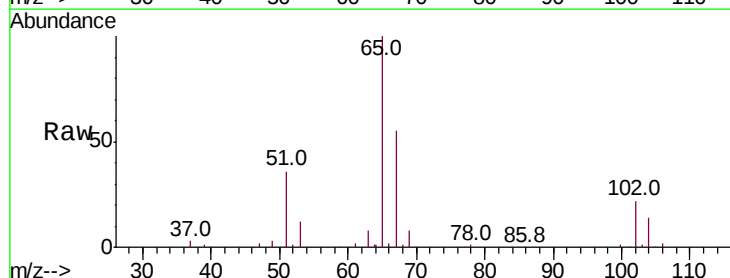
Acq: 1 Aug 2019 13:38

Tgt Ion: 65 Resp: 327101

Ion Ratio Lower Upper

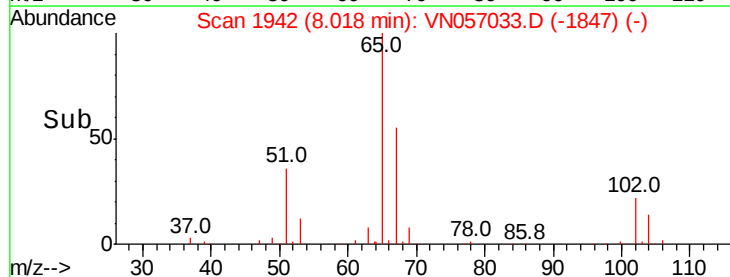
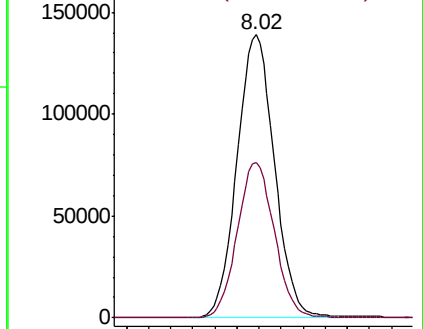
65 100

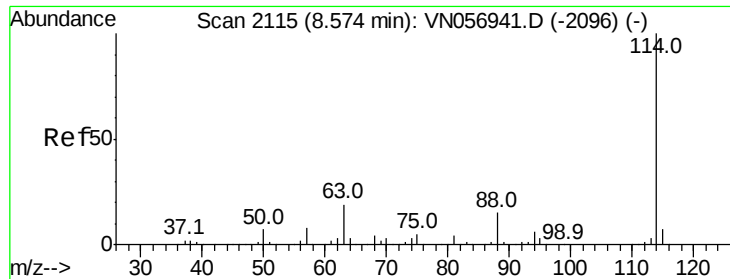
67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

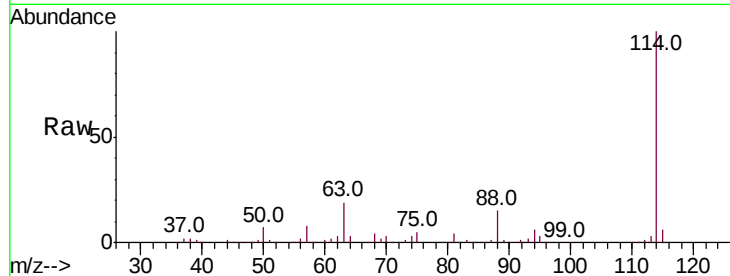




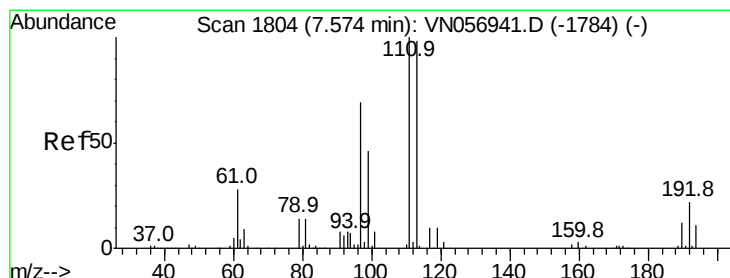
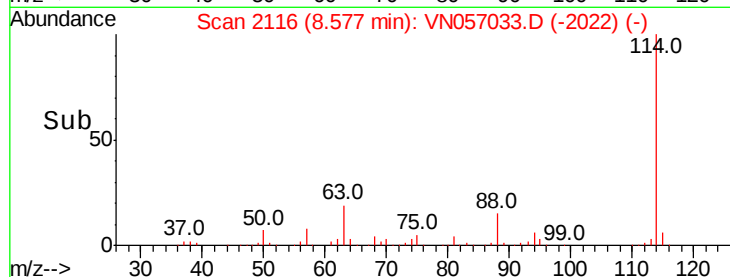
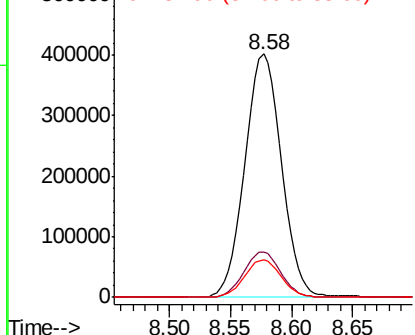
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057033.D
Acq: 1 Aug 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-443-445

Tot Ion:114 Resp: 832694
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.0
88 15.2 0.0 30.0

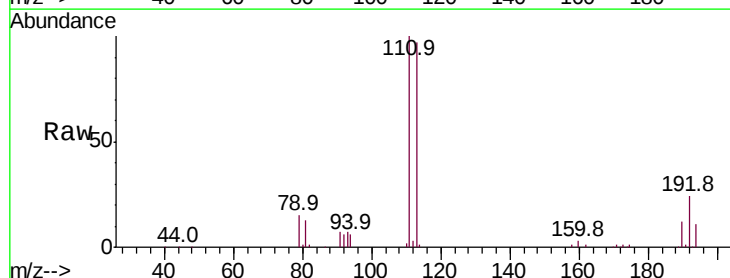


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

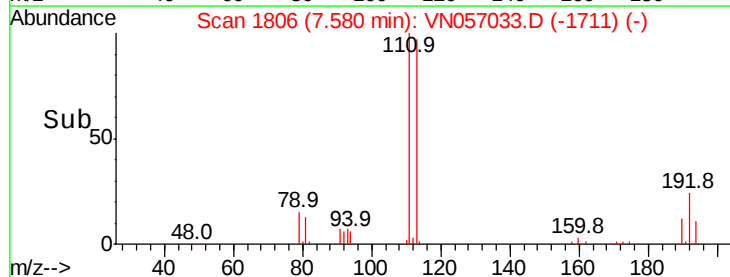
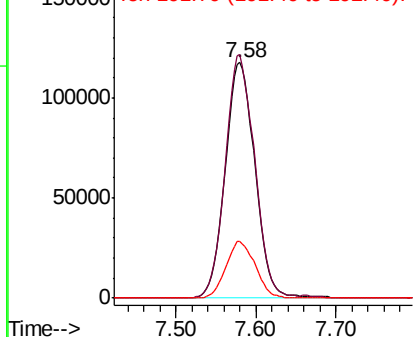


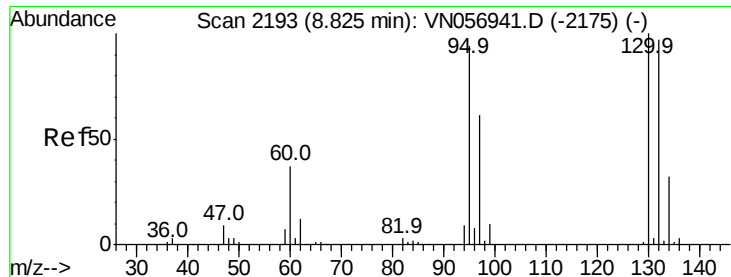
#35
Dibromofluoromethane
Concen: 56.074 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057033.D
Acq: 1 Aug 2019 13:38

Tgt Ion:113 Resp: 298911
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 23.7 18.4 27.6



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

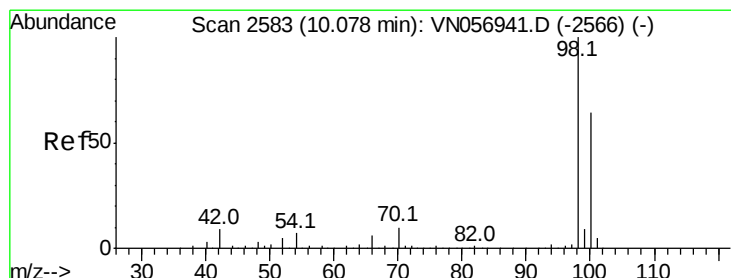
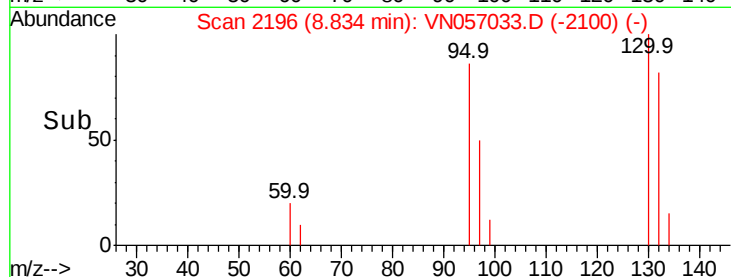
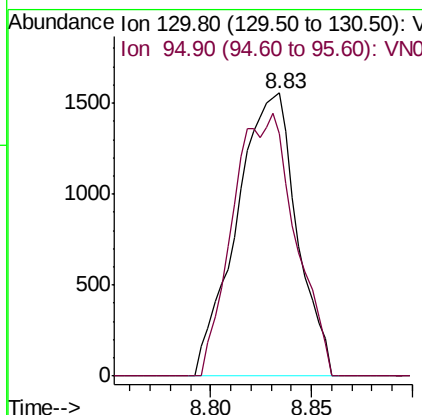
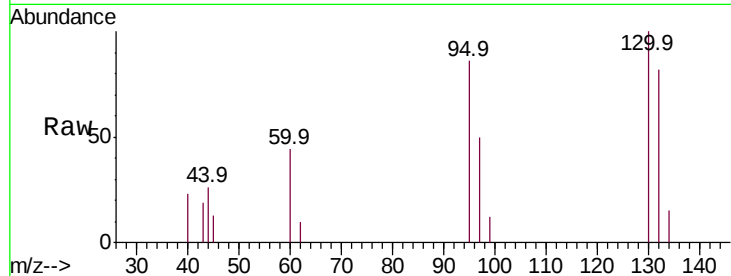




#44
 Trichloroethene
 Concen: 0.522 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VN057033.D
 Acq: 1 Aug 2019 13:38

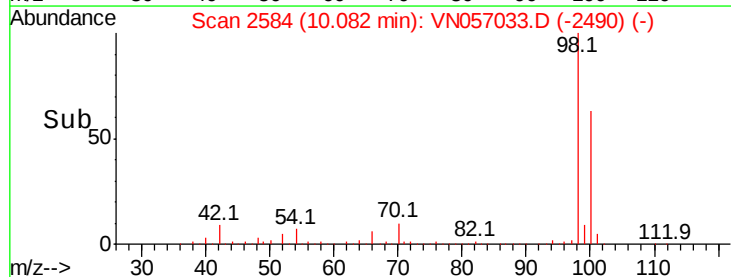
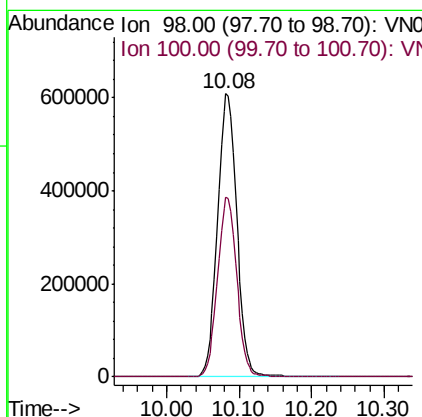
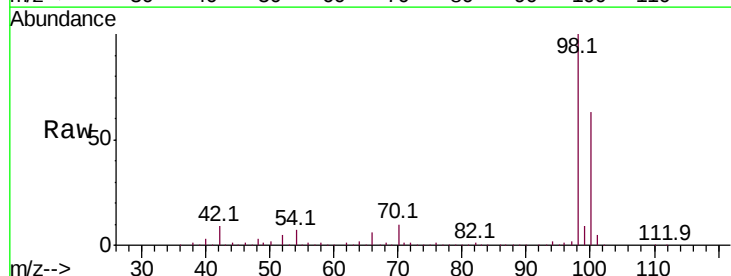
Instrument :
 MSVOA_N
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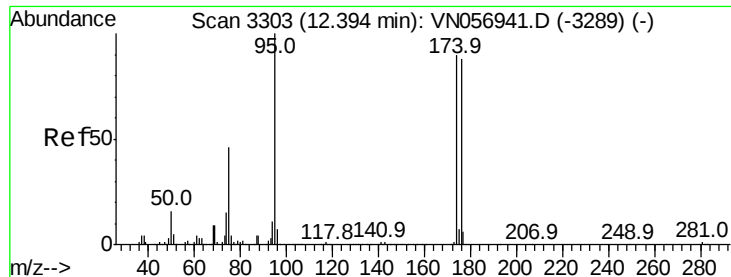
Tot Ion:130 Resp: 3247
 Ion Ratio Lower Upper
 130 100
 95 85.6 0.0 189.0



#50
 Toluene-d8
 Concen: 55.517 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057033.D
 Acq: 1 Aug 2019 13:38

Tgt Ion: 98 Resp: 1128567
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.3 76.9

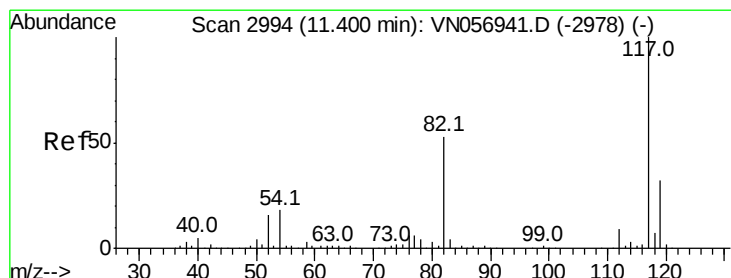
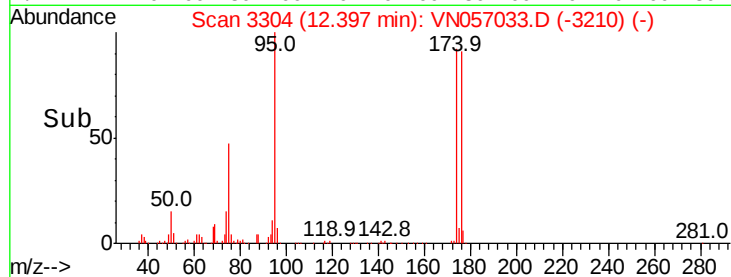
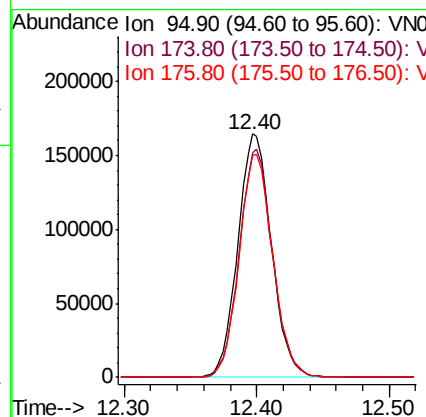
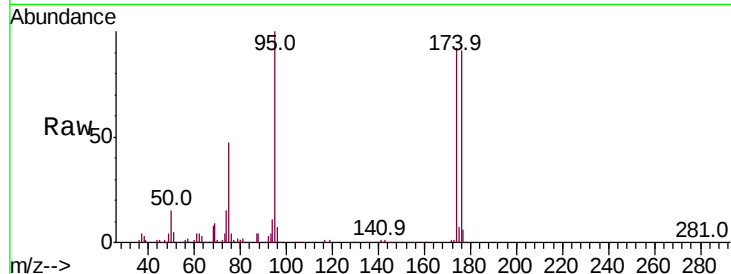




#62
4-Bromofluorobenzene
Concen: 43.709 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057033.D
Acq: 1 Aug 2019 13:38

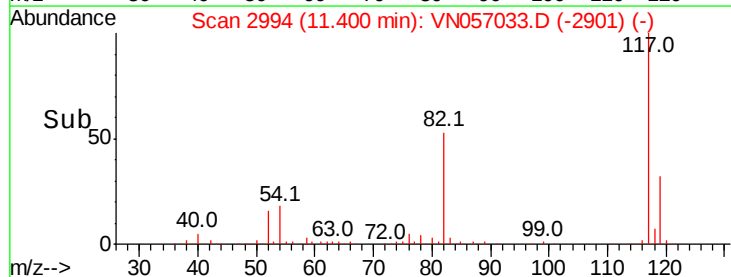
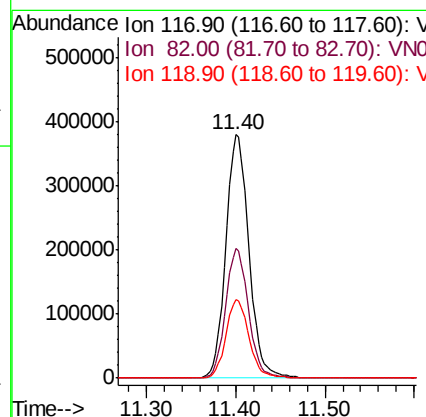
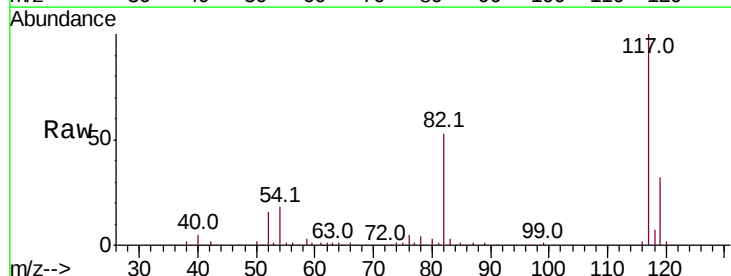
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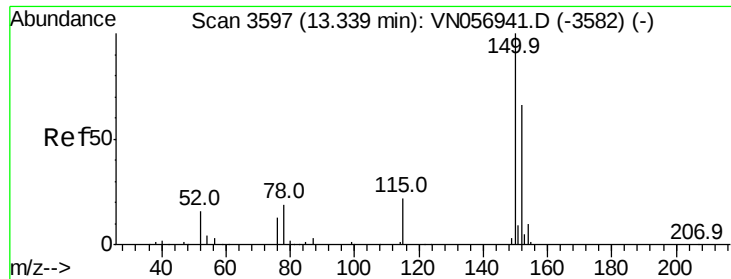
Tot Ion: 95 Resp: 289254
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.2
176 91.4 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057033.D
Acq: 1 Aug 2019 13:38

Tgt Ion: 117 Resp: 678711
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057033.D

Acq: 1 Aug 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-443-445

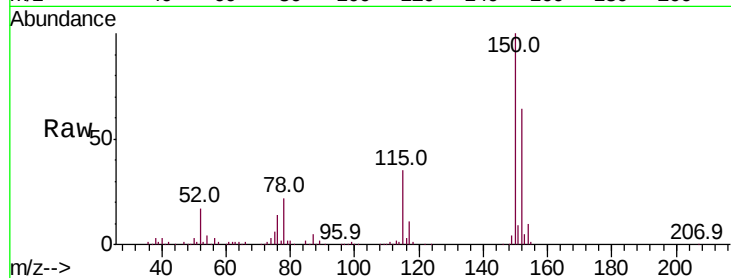
Tot Ion:152 Resp: 180939

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.6

150 159.5 0.0 349.4



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

