

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057083.D
 Acq On : 5 Aug 2019 15:38
 Operator : JC/SP
 Sample : K4135-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-B1-(0-1)

Quant Time: Aug 06 02:19:00 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

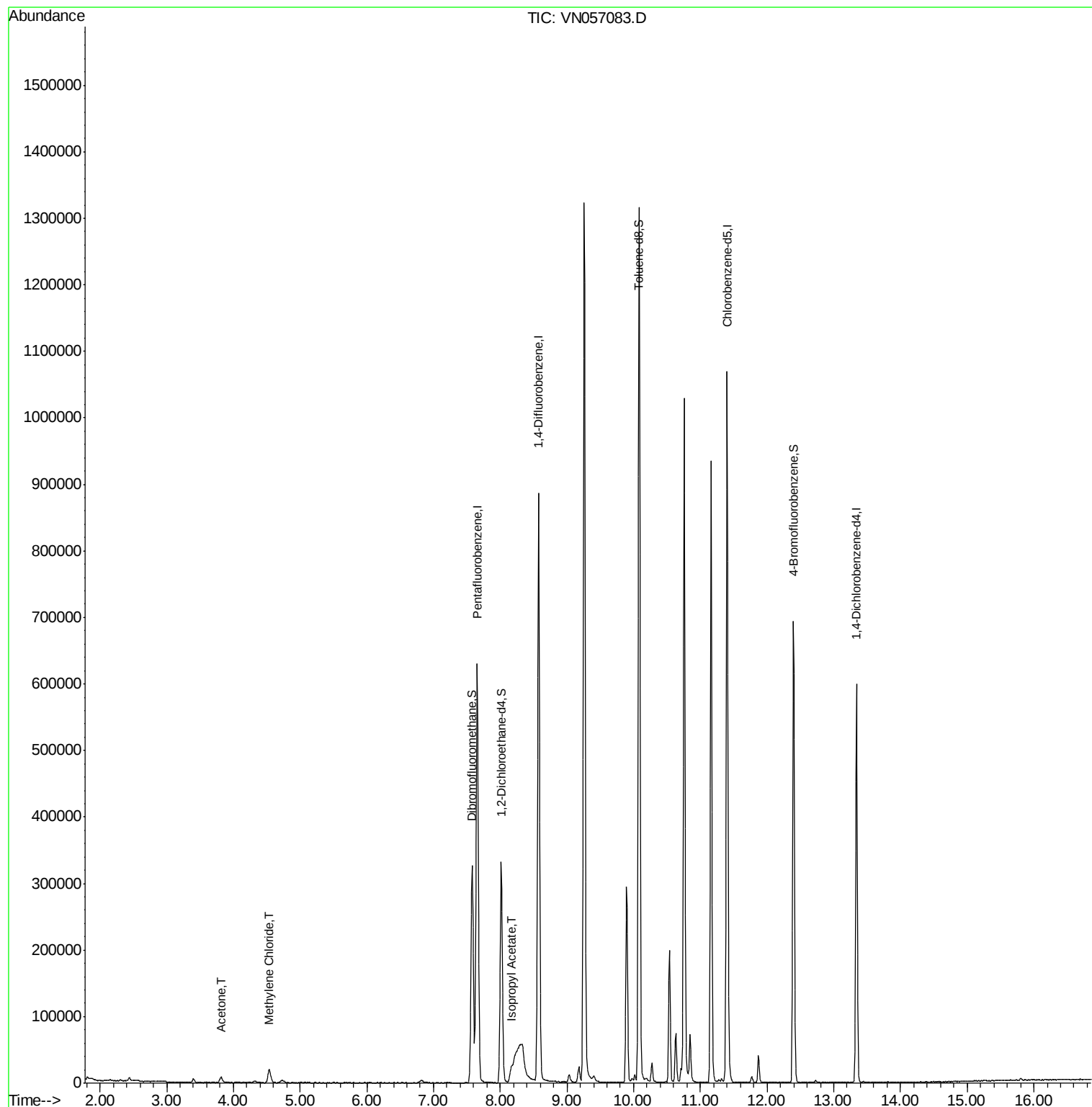
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	568762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	836787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	684569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	283679	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	7.58	113	255130	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.08	98	968725	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.40	95	250362	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
Target Compounds						
16) Acetone	3.82	43	15284	7.246	ug/l	92
20) Methylene Chloride	4.54	84	16059	2.643	ug/l	89
43) Isopropyl Acetate	8.17	43	26193	2.687	ug/l #	83

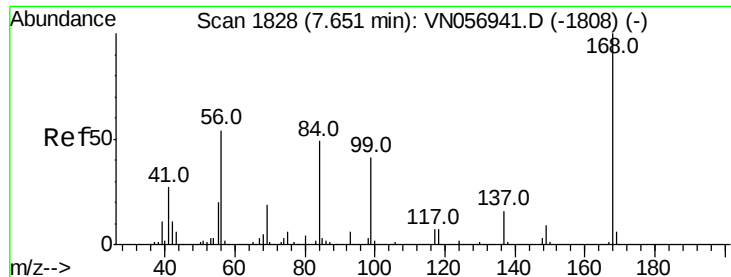
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057083.D

Acq: 5 Aug 2019 15:38

Instrument :

MSVOA_N

ClientSampled :

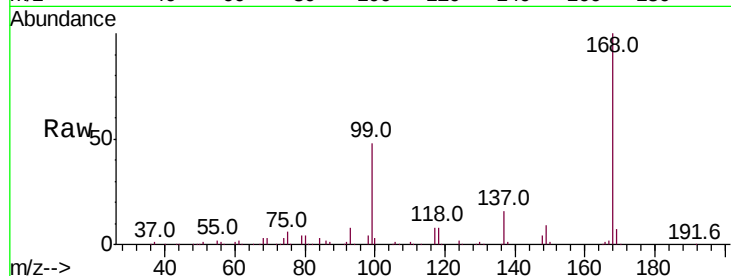
1S-B1-(0-1)

Tot Ion:168 Resp: 568762

Ion Ratio Lower Upper

168 100

99 48.1 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) (-)

7.65

250000

200000

150000

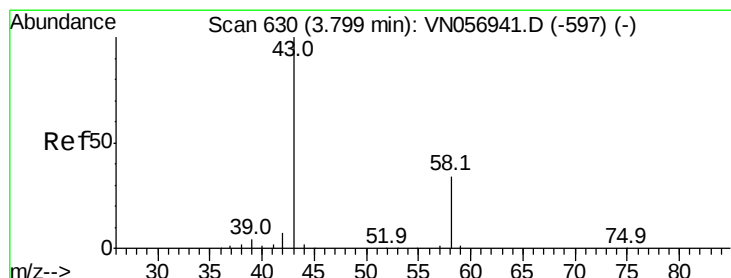
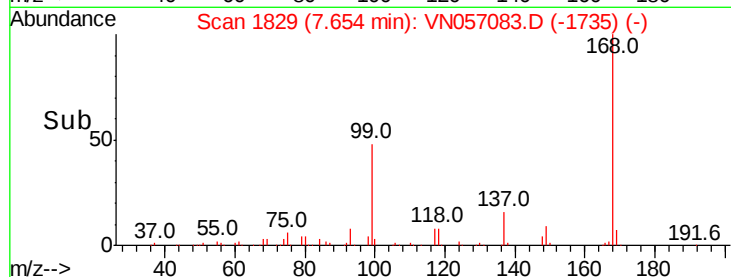
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.246 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057083.D

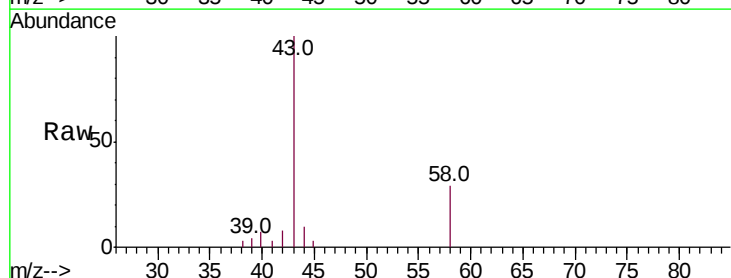
Acq: 5 Aug 2019 15:38

Tgt Ion: 43 Resp: 15284

Ion Ratio Lower Upper

43 100

58 29.3 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) (-)

3.82

6000

5000

4000

3000

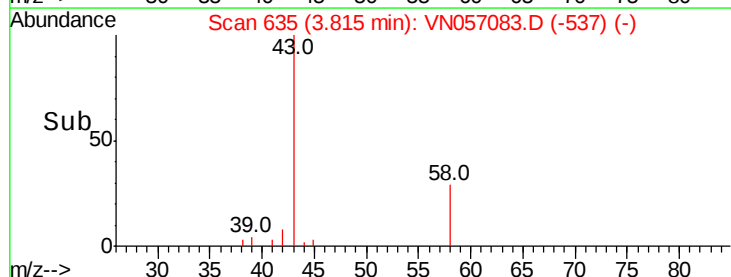
2000

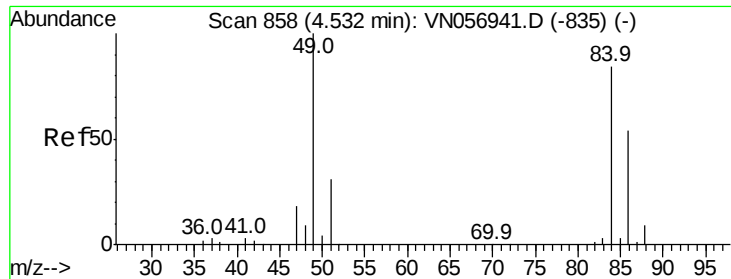
1000

0

3.75 3.80 3.85 3.90

Time-->

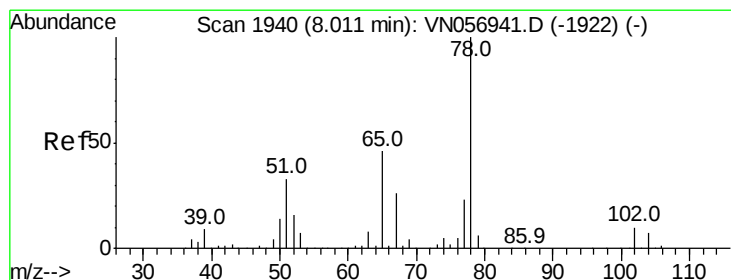
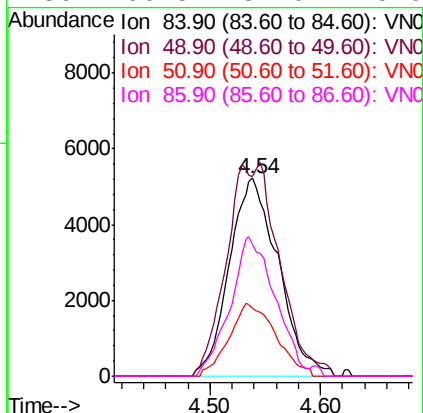
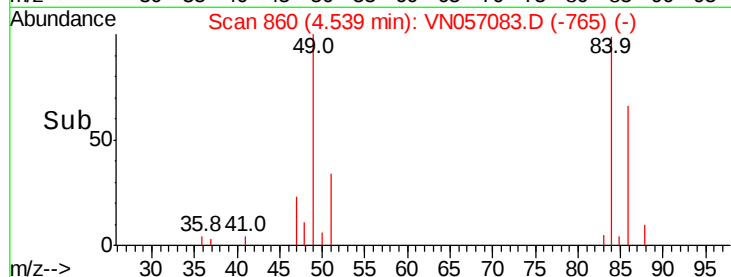
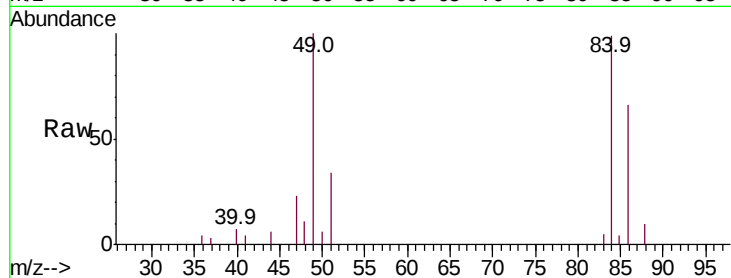




#20
Methvlene Chloride
Concen: 2.643 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057083.D
Acq: 5 Aug 2019 15:38

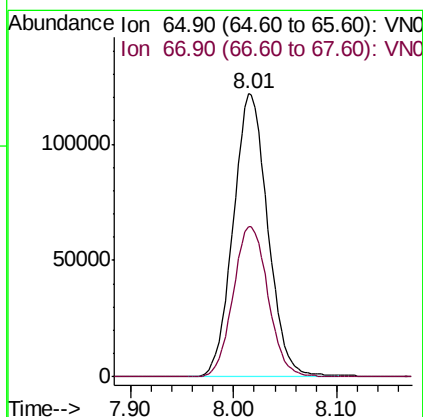
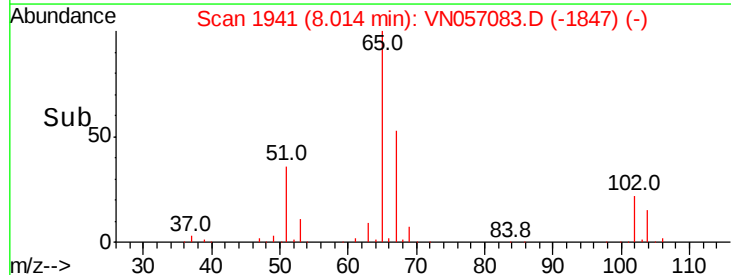
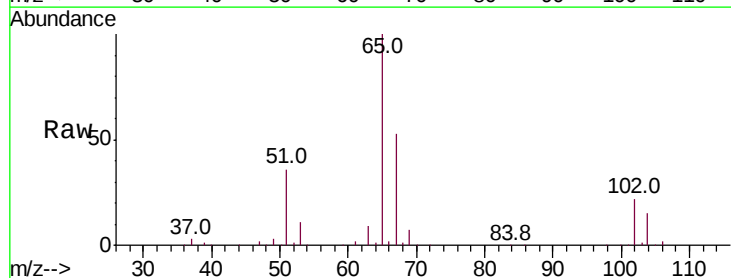
Instrument :
MSVOA_N
ClientSampled :
1S-B1-(0-1)

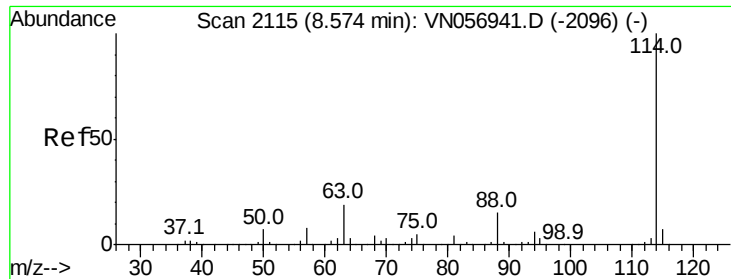
Tot Ion: 84 Resp: 16059
Ion Ratio Lower Upper
84 100
49 100.6 95.2 142.8
51 34.3 29.7 44.5
86 66.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.725 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057083.D
Acq: 5 Aug 2019 15:38

Tgt Ion: 65 Resp: 283679
Ion Ratio Lower Upper
65 100
67 53.8 0.0 112.0

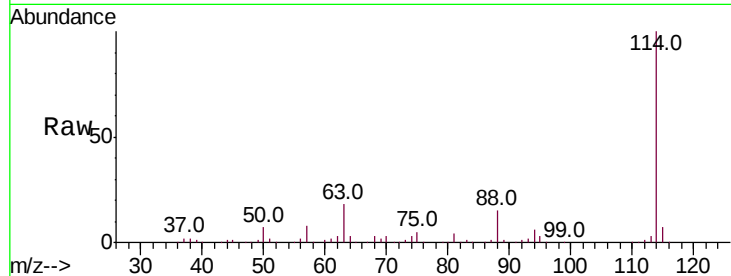




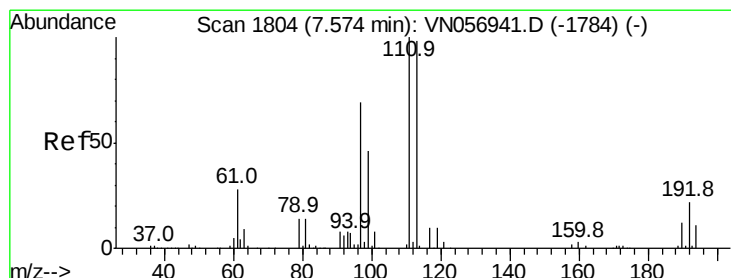
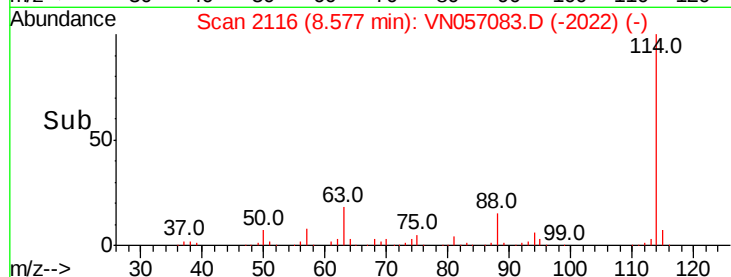
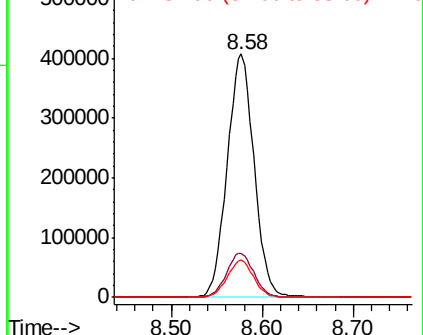
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057083.D
 Acq: 5 Aug 2019 15:38

Instrument :
 MSVOA_N
 ClientSampled :
 1S-B1-(0-1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.0
88	15.3	0.0	30.0

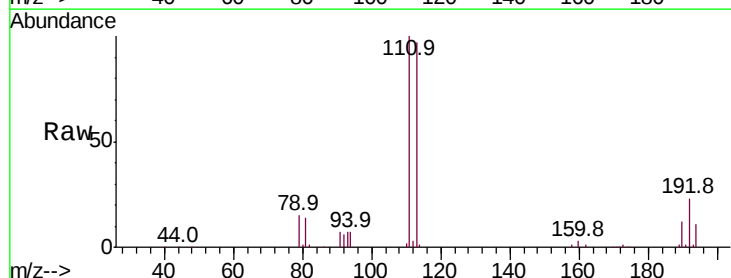


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

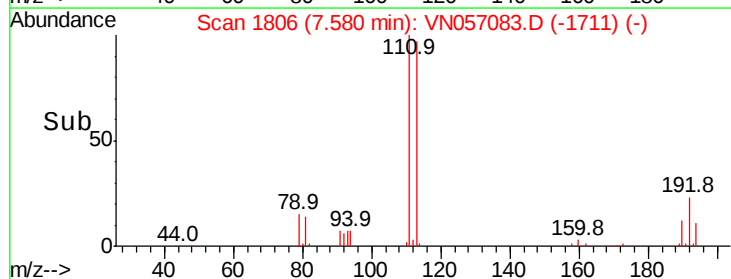
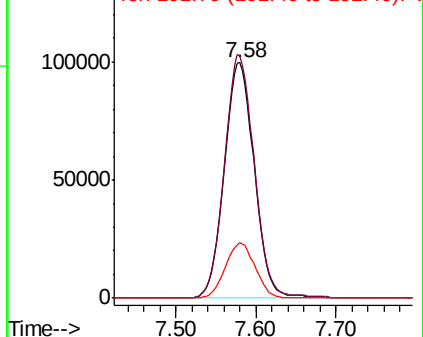


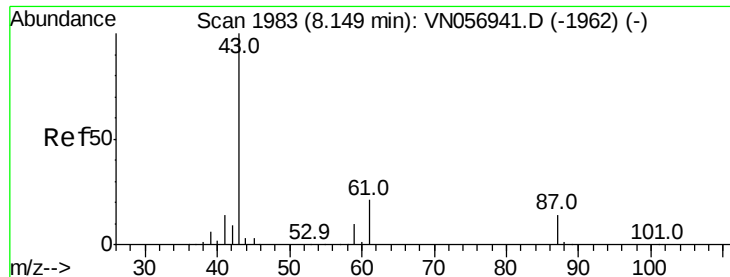
#35
 Dibromofluoromethane
 Concen: 47.627 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057083.D
 Acq: 5 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.3	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





#43

Isopropyl Acetate

Concen: 2.687 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057083.D

Acq: 5 Aug 2019 15:38

Instrument :

MSVOA_N

ClientSampleId :

1S-B1-(0-1)

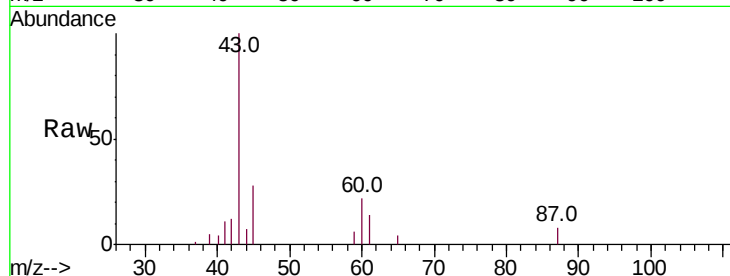
Tot Ion: 43 Resp: 26193

Ion Ratio Lower Upper

43 100

61 17.6 23.0 34.6#

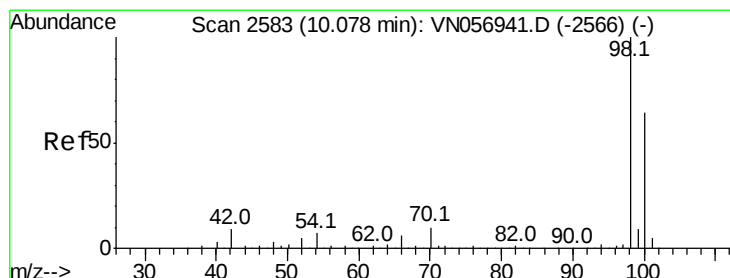
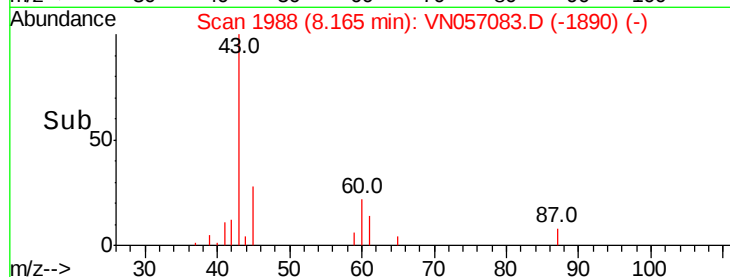
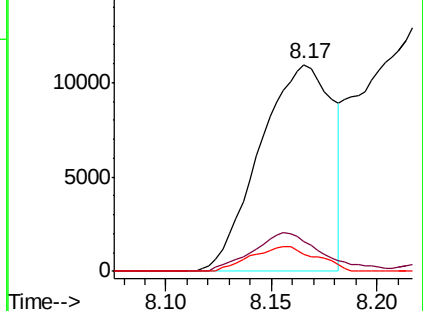
87 10.8 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#50

Toluene-d8

Concen: 47.421 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057083.D

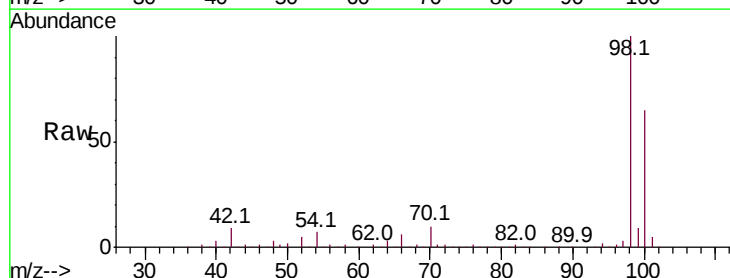
Acq: 5 Aug 2019 15:38

Tgt Ion: 98 Resp: 968725

Ion Ratio Lower Upper

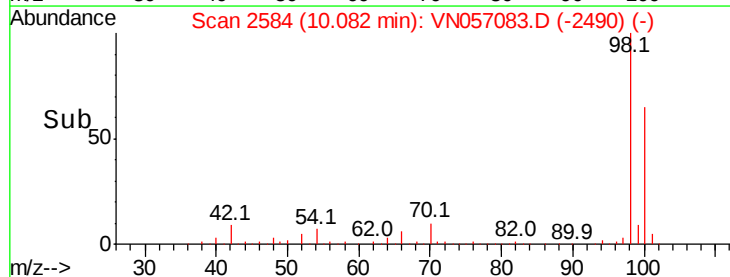
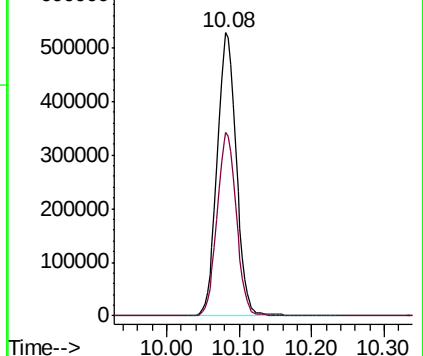
98 100

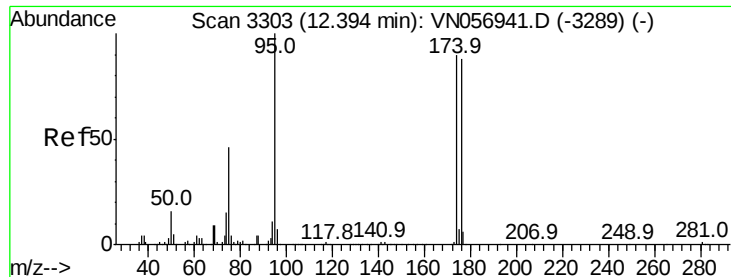
100 64.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

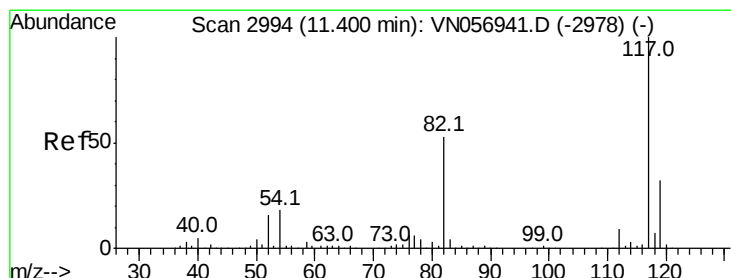
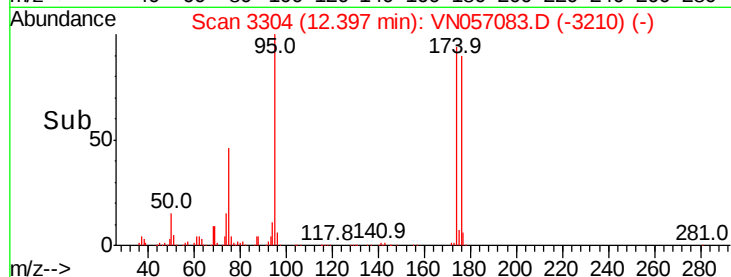
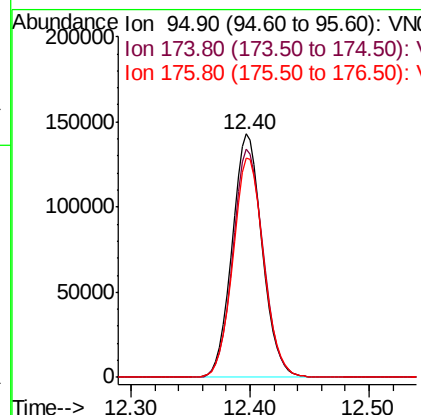
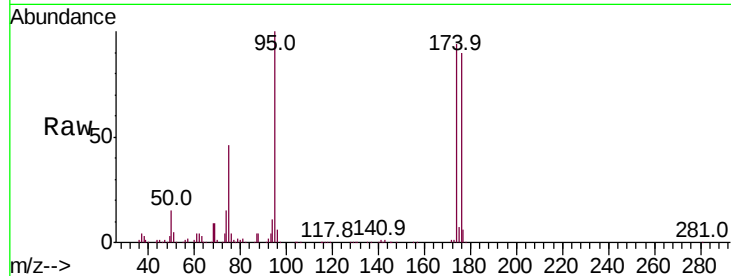




#62
4-Bromofluorobenzene
Concen: 37.647 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057083.D
Acq: 5 Aug 2019 15:38

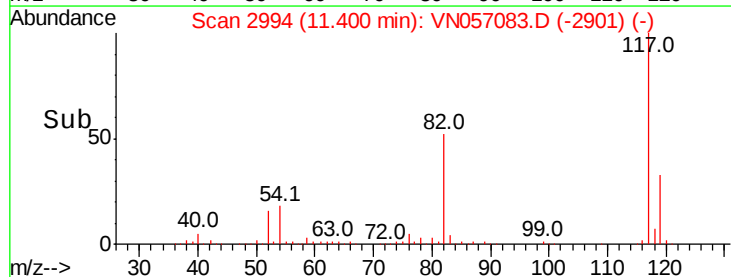
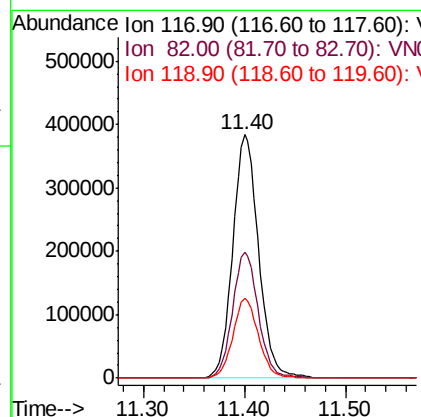
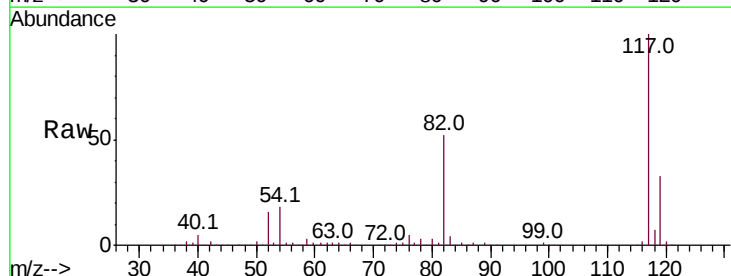
Instrument :
MSVOA_N
ClientSampleId :
1S-B1-(0-1)

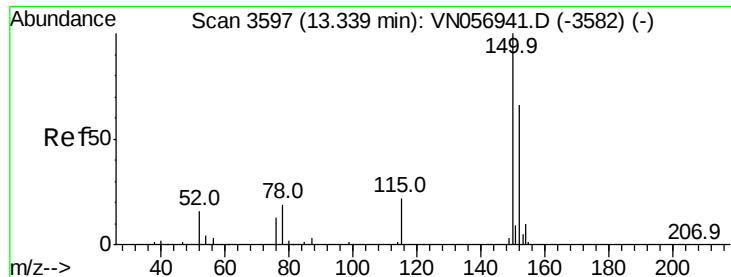
Tot Ion: 95 Resp: 250362
Ion Ratio Lower Upper
95 100
174 95.0 0.0 182.2
176 92.2 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057083.D
Acq: 5 Aug 2019 15:38

Tgt Ion: 117 Resp: 684569
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 32.7 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: VN057083.D

Acq: 5 Aug 2019 15:38

Instrument :

MSVOA_N

ClientSampleId :

1S-B1-(0-1)

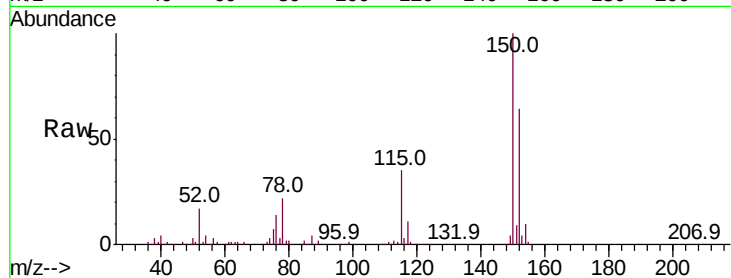
Tot Ion:152 Resp: 182142

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.6

150 156.3 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

