

Data File : VN057188.D
Acq On : 11 Aug 2019 15:28
Operator : JC/SP
Sample : K4227-29
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-P-(1)

Quant Time: Aug 12 07:03:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

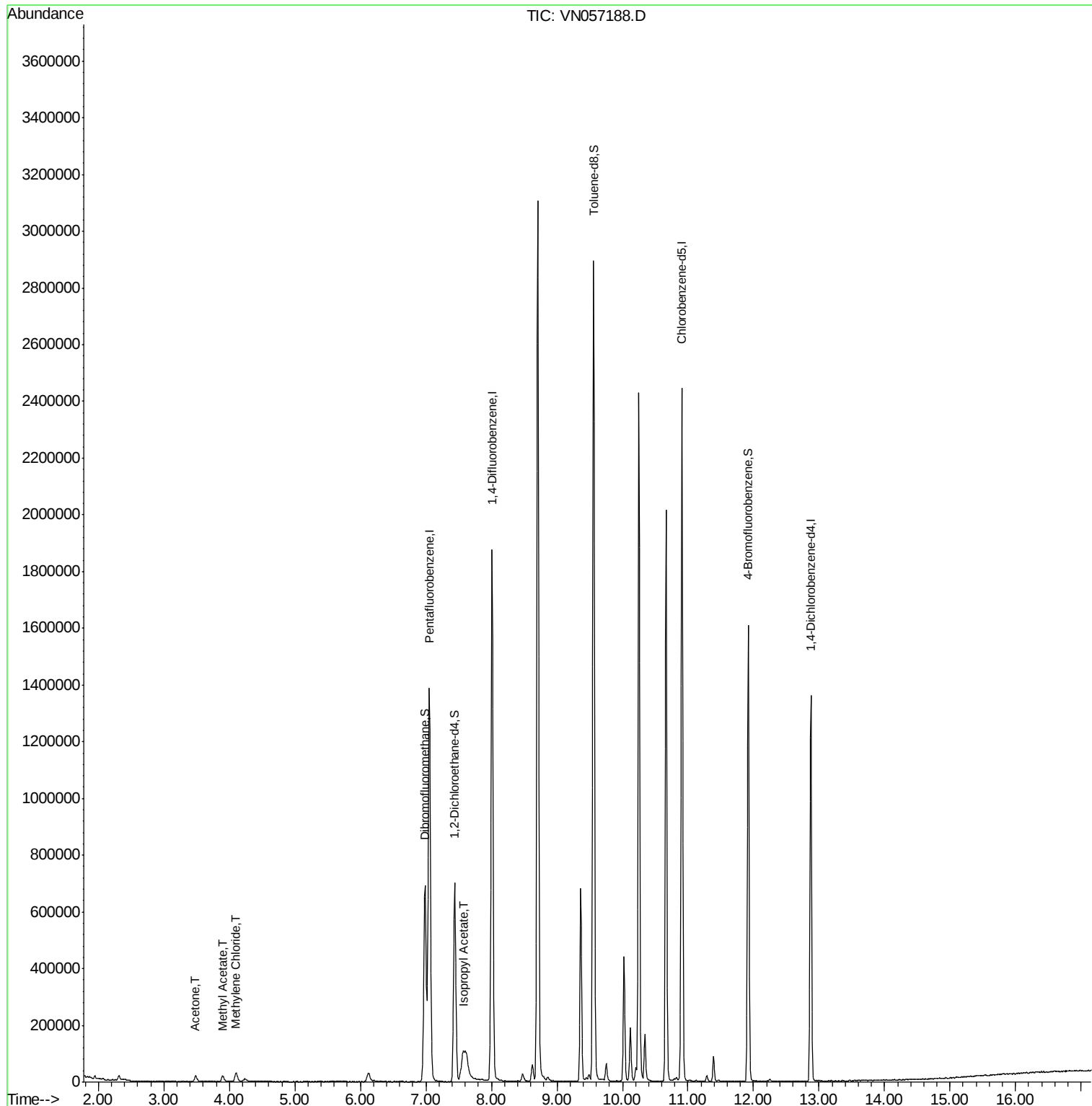
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1337779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1877041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1544483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	395738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	613902	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
35) Dibromofluoromethane	6.99	113	564604	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	9.56	98	2180888	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.92	95	569728	39.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.48%	
Target Compounds						
16) Acetone	3.48	43	30079	7.239	ug/l	95
18) Methyl Acetate	3.90	43	37899	2.436	ug/l	99
20) Methylene Chloride	4.10	84	22527	1.643	ug/l	91
43) Isopropyl Acetate	7.56	43	137620	6.330	ug/l #	65

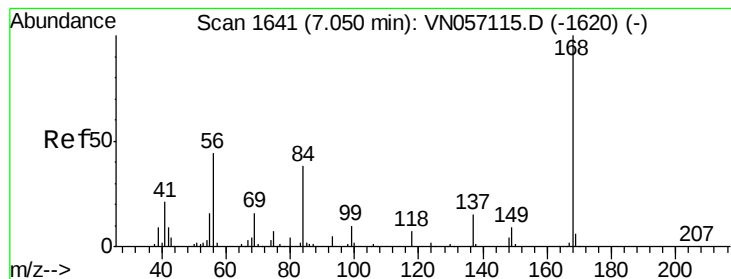
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

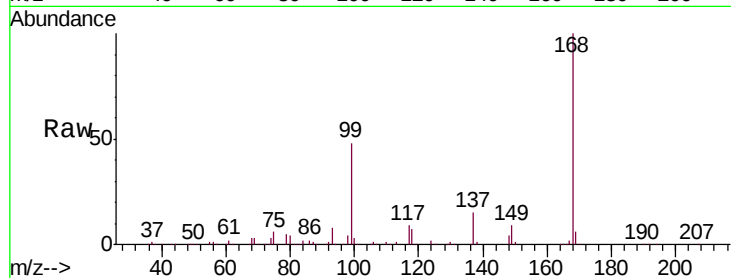
1S-P-(1)

Tgt Ion:168 Resp: 1337779

Ion Ratio Lower Upper

168 100

99 47.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

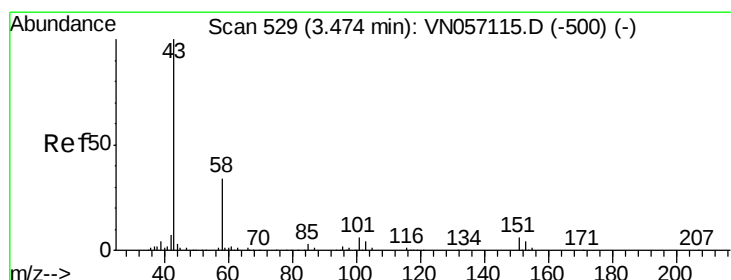
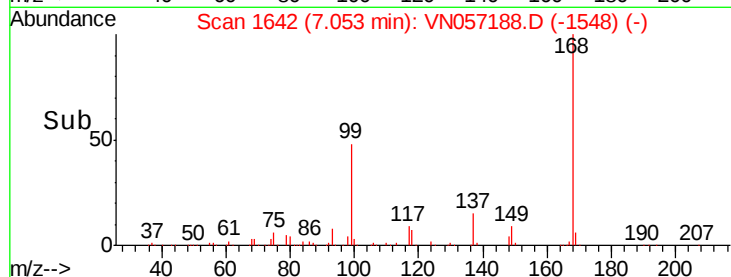
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.239 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057188.D

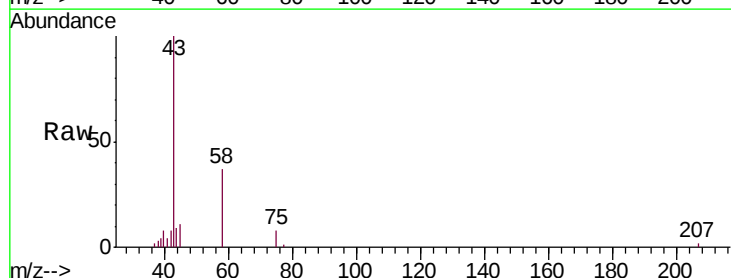
Acq: 11 Aug 2019 15:28

Tgt Ion: 43 Resp: 30079

Ion Ratio Lower Upper

43 100

58 37.3 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

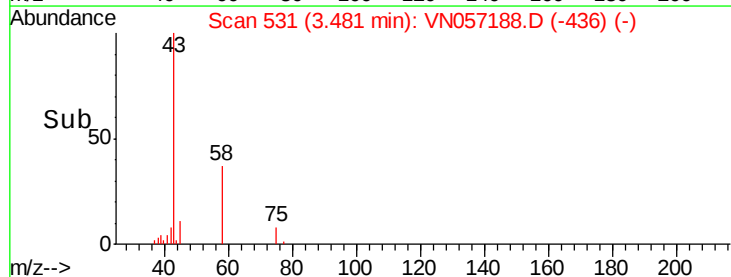
3.48

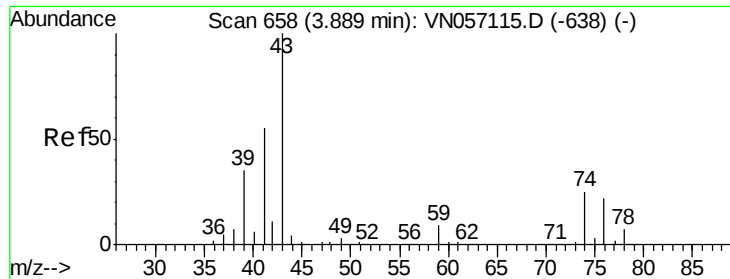
10000

5000

0

Time-->

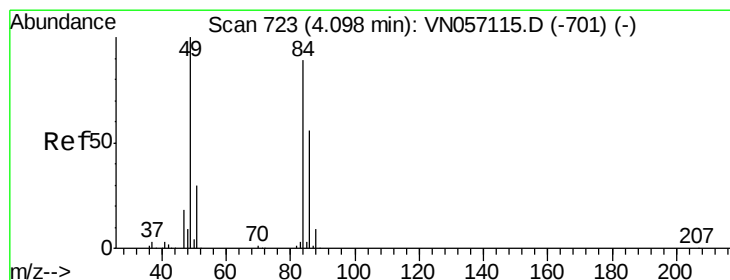
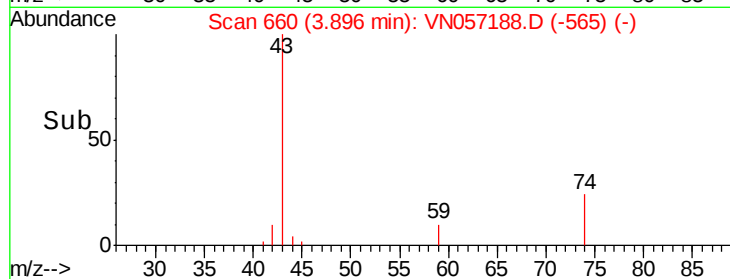
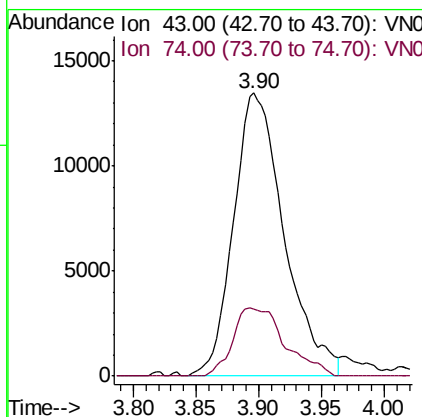
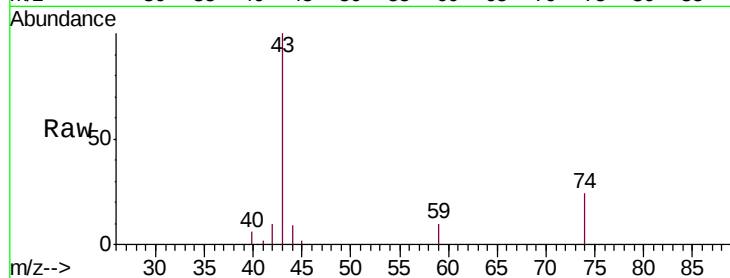




#18
Methyl Acetate
Concen: 2.436 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057188.D
Acq: 11 Aug 2019 15:28

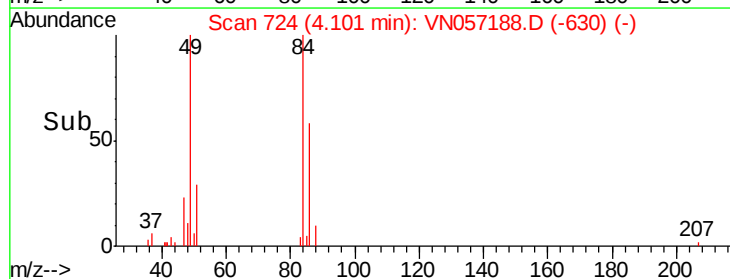
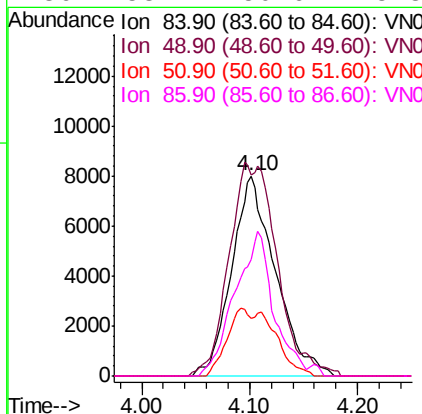
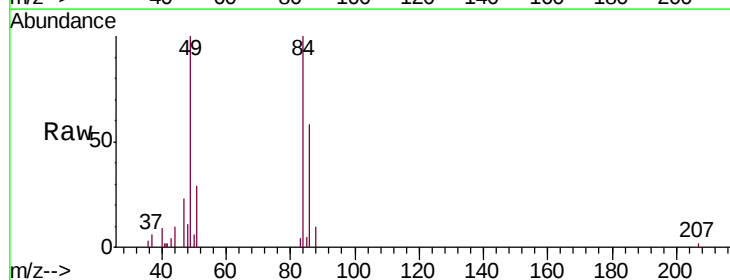
Instrument :
MSVOA_N
ClientSampled :
1S-P-(1)

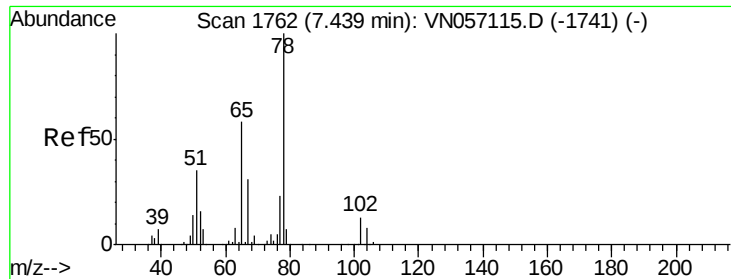
Tgt Ion: 43 Resp: 37899
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.4



#20
Methylene Chloride
Concen: 1.643 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057188.D
Acq: 11 Aug 2019 15:28

Tgt Ion: 84 Resp: 22527
Ion Ratio Lower Upper
84 100
49 100.3 89.5 134.3
51 29.1 27.2 40.8
86 58.2 50.6 75.8

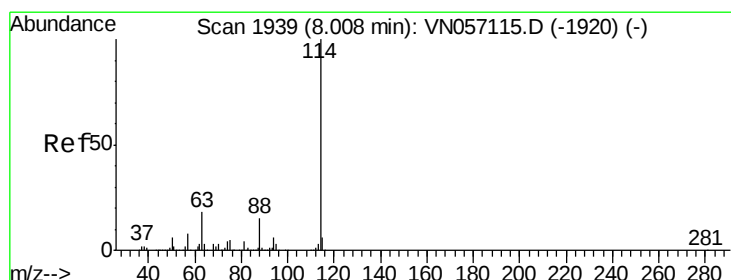
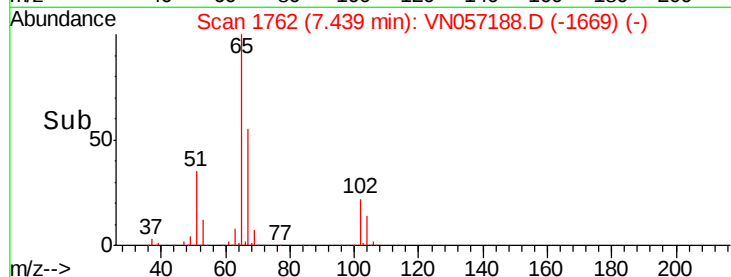
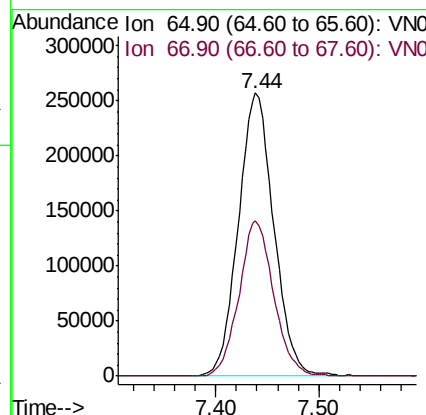
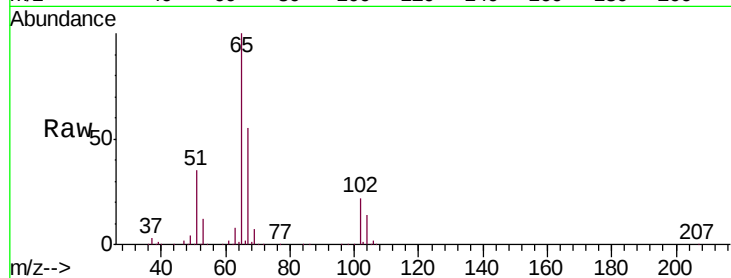




#33
 1,2-Dichloroethane-d4
 Concen: 44.621 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057188.D
 Acq: 11 Aug 2019 15:28

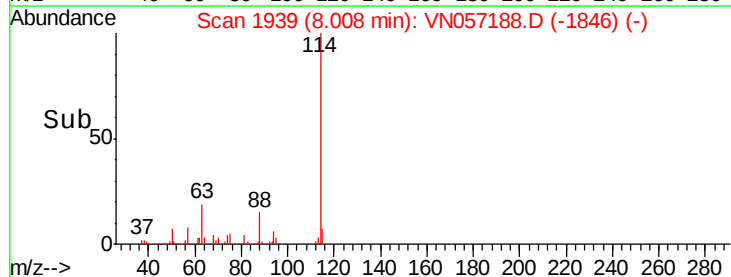
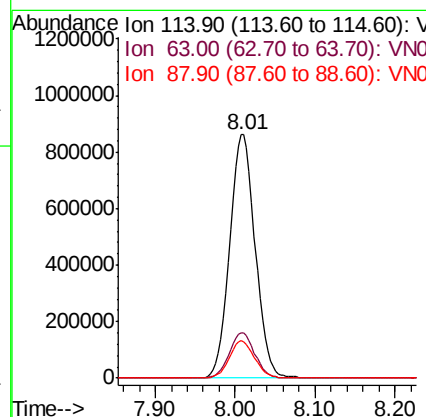
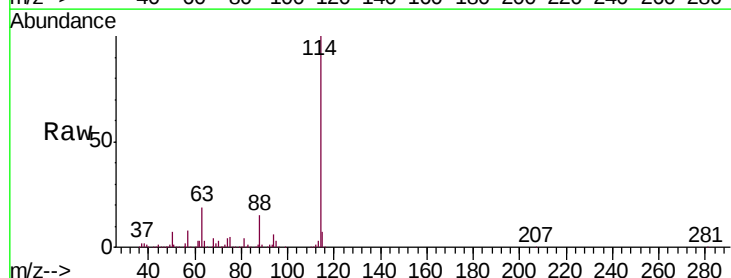
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(1)

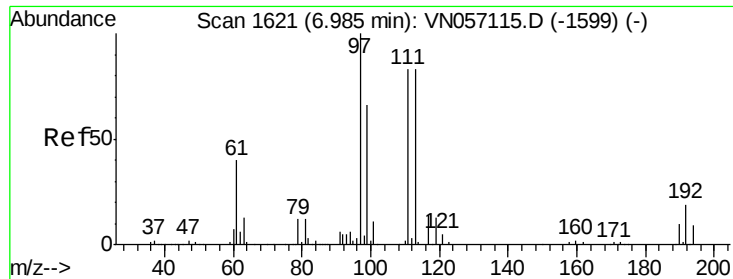
Tgt Ion: 65 Resp: 613902
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057188.D
 Acq: 11 Aug 2019 15:28

Tgt Ion: 114 Resp: 1877041
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 15.3 0.0 30.0

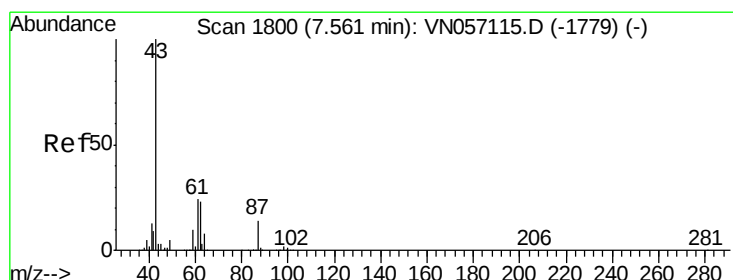
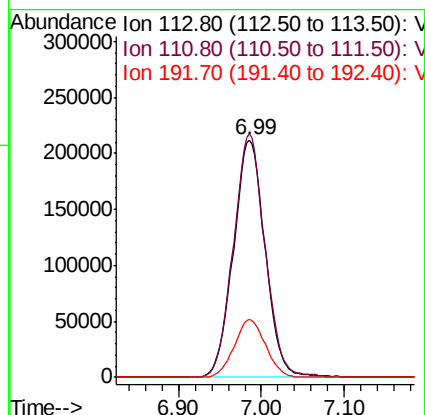
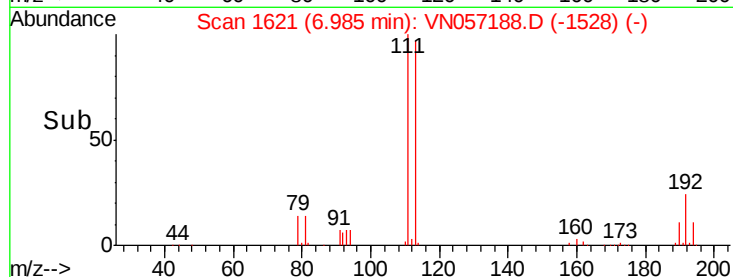
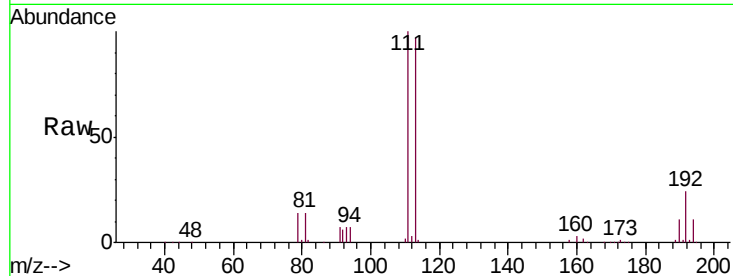




#35
 Dibromofluoromethane
 Concen: 47.934 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057188.D
 Acq: 11 Aug 2019 15:28

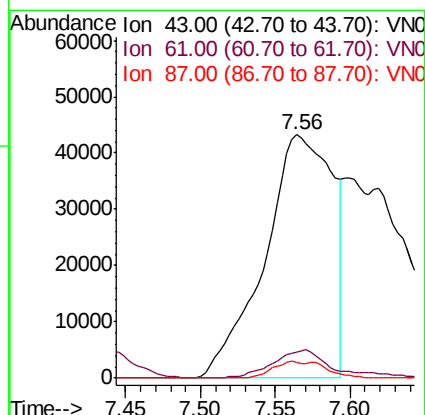
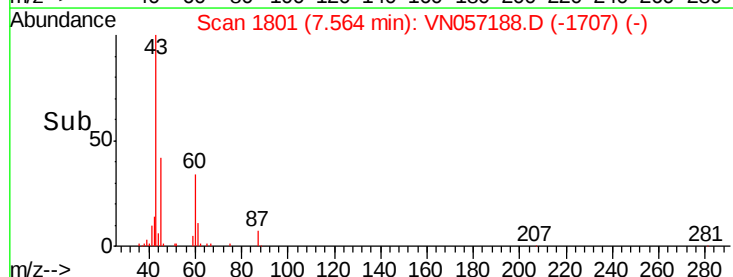
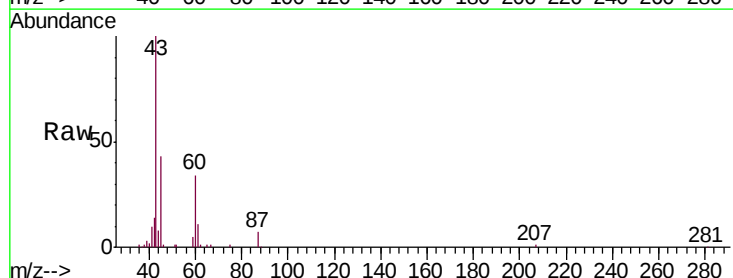
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(1)

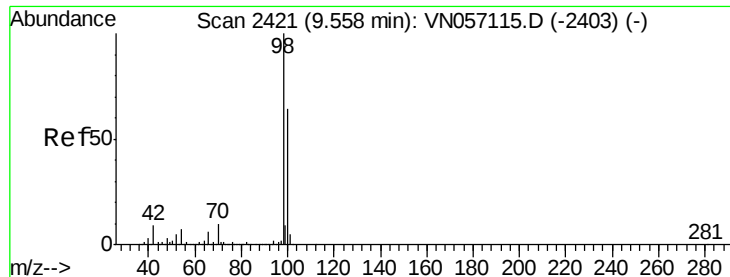
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	24.1	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 6.330 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057188.D
 Acq: 11 Aug 2019 15:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.1	24.2	36.2#
87	2.9	11.8	17.8#

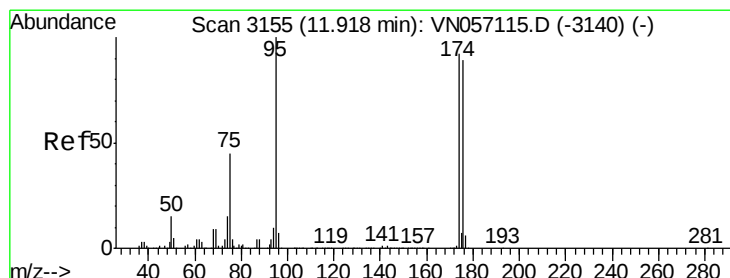
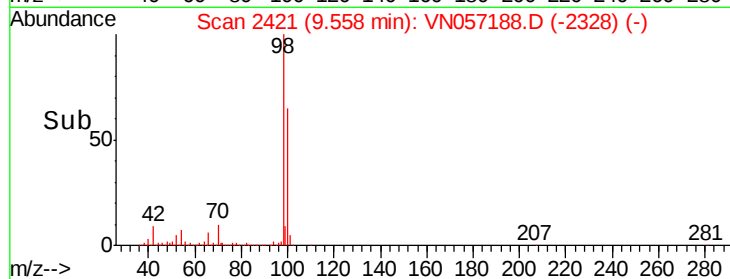
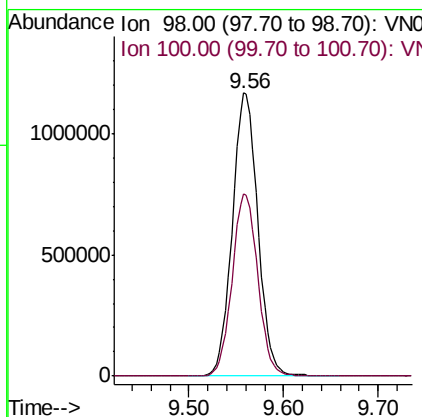
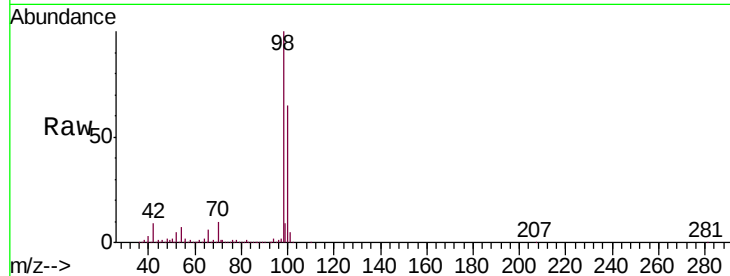




#50
Toluene-d8
Concen: 48.396 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VN057188.D
Acq: 11 Aug 2019 15:28

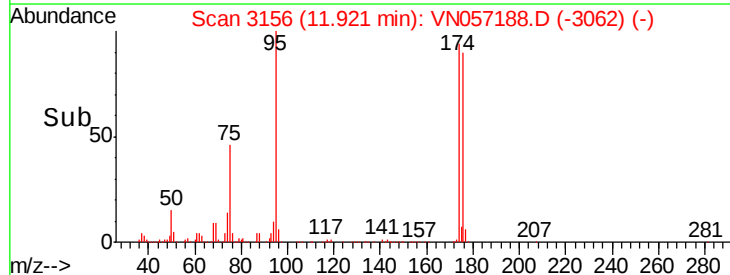
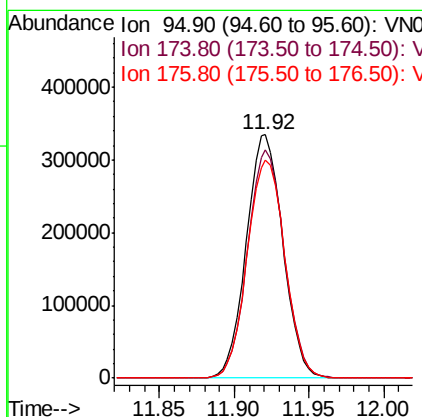
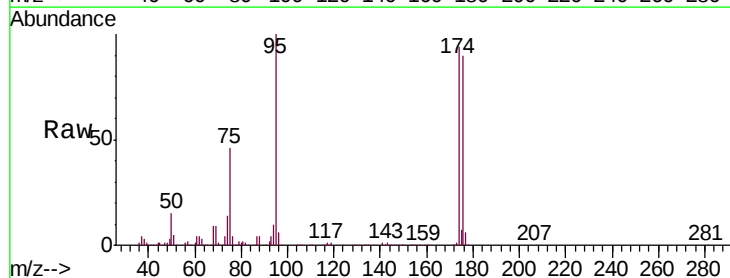
Instrument :
MSVOA_N
ClientSampled :
1S-P-(1)

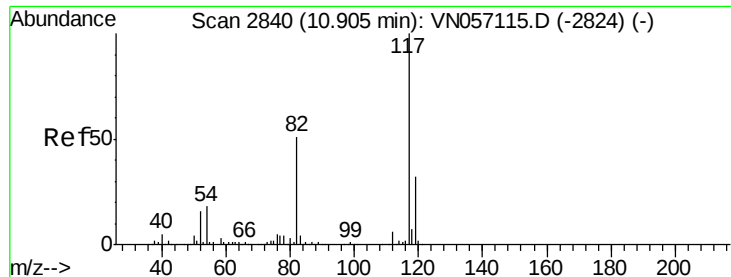
Tgt Ion: 98 Resp: 2180888
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.238 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057188.D
Acq: 11 Aug 2019 15:28

Tgt Ion: 95 Resp: 569728
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 92.4 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057188.D

Acq: 11 Aug 2019 15:28

Instrument :

MSVOA_N

ClientSampleId :

1S-P-(1)

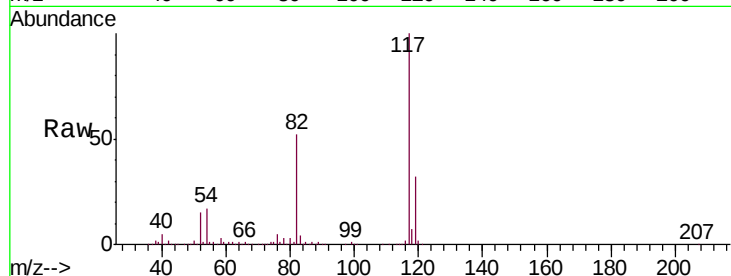
Tgt Ion:117 Resp: 1544483

Ion Ratio Lower Upper

117 100

82 51.6 40.8 61.2

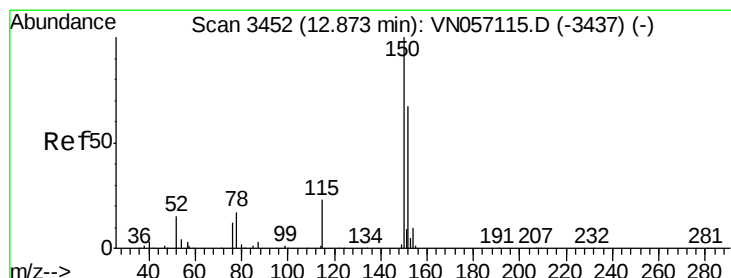
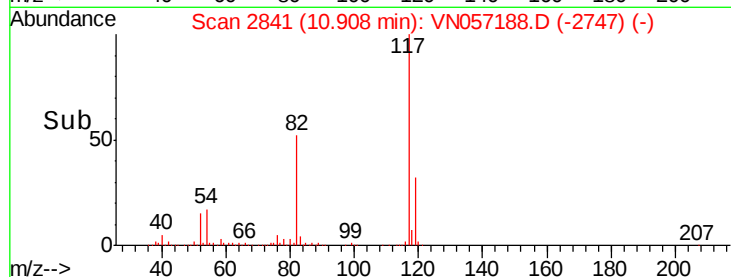
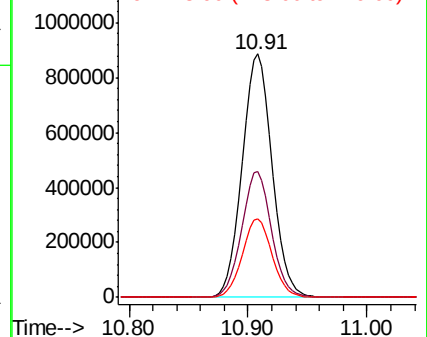
119 32.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057188.D

Acq: 11 Aug 2019 15:28

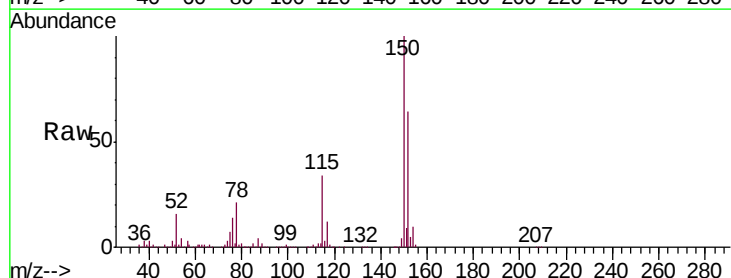
Tgt Ion:152 Resp: 395738

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.5

150 158.0 0.0 341.6



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

