

Data File : VN057192.D
Acq On : 11 Aug 2019 17:05
Operator : JC/SP
Sample : K4227-33
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 12 07:11:23 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

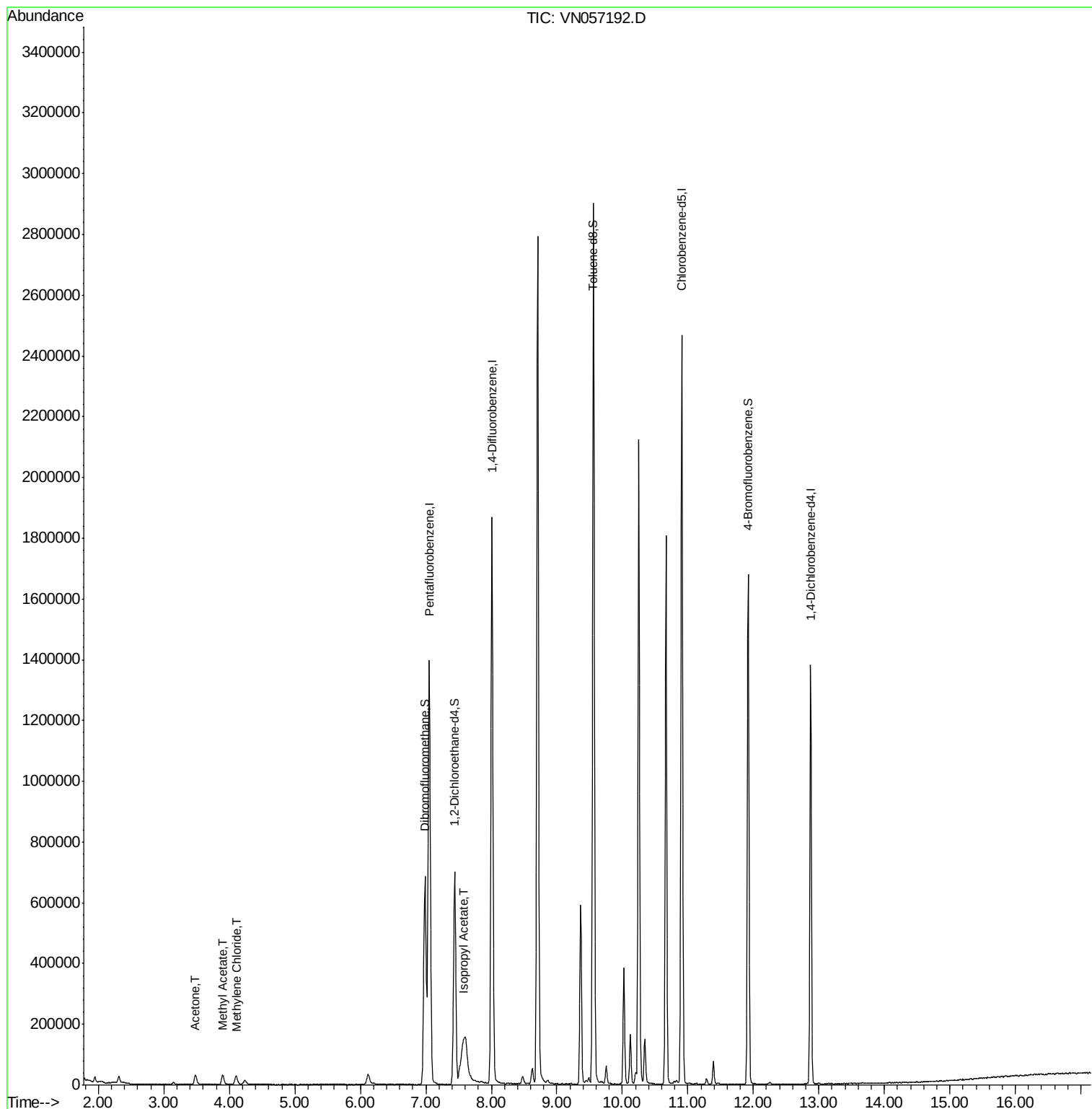
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1341624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1878068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1592814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	413469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	620725	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	6.99	113	565084	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	9.56	98	2192551	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.92	95	595231	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.94%	
Target Compounds						
16) Acetone	3.48	43	48004	11.520	ug/l	99
18) Methyl Acetate	3.90	43	55990	3.904	ug/l	98
20) Methylene Chloride	4.10	84	21791	1.585	ug/l	92
43) Isopropyl Acetate	7.57	43	179189	8.237	ug/l #	63

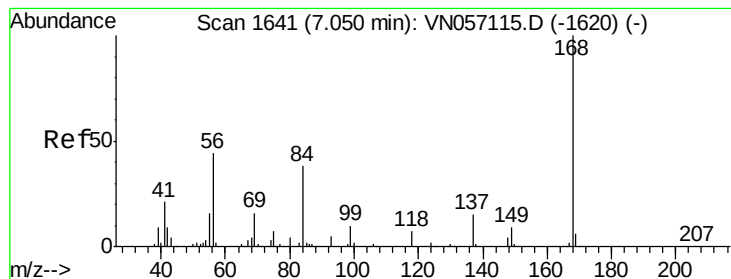
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

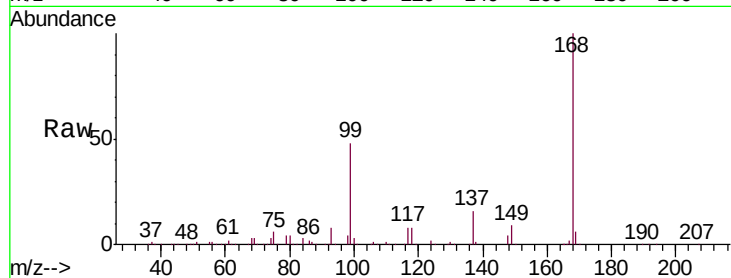
1S-O-(1)

Tgt Ion:168 Resp: 1341624

Ion Ratio Lower Upper

168 100

99 48.1 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

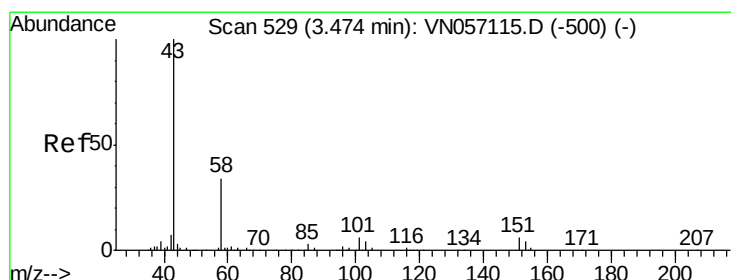
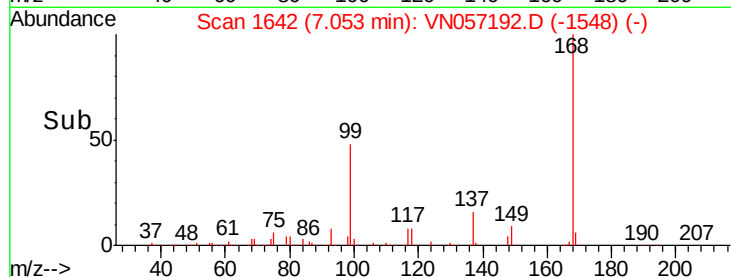
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 11.520 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057192.D

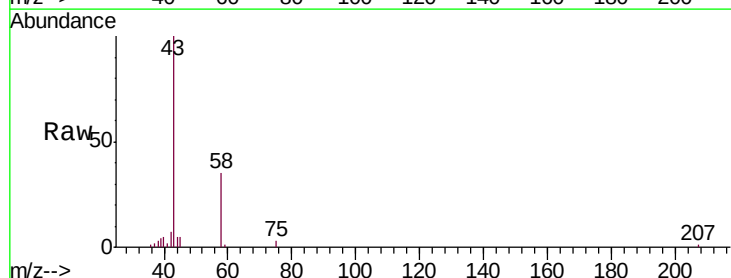
Acq: 11 Aug 2019 17:05

Tgt Ion: 43 Resp: 48004

Ion Ratio Lower Upper

43 100

58 34.9 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

20000

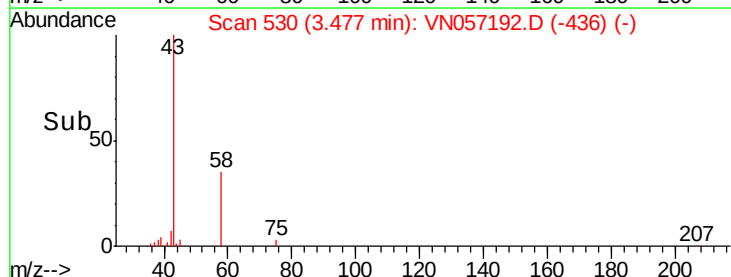
15000

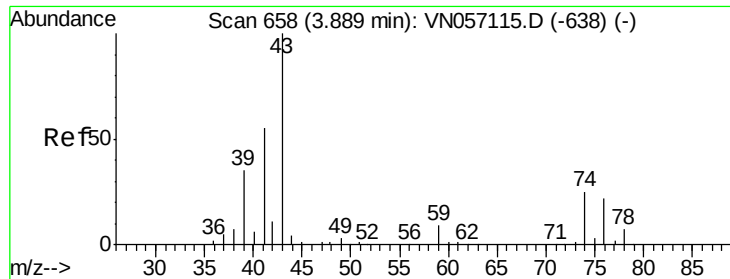
10000

5000

0

Time--> 3.40 3.45 3.50 3.55 3.60

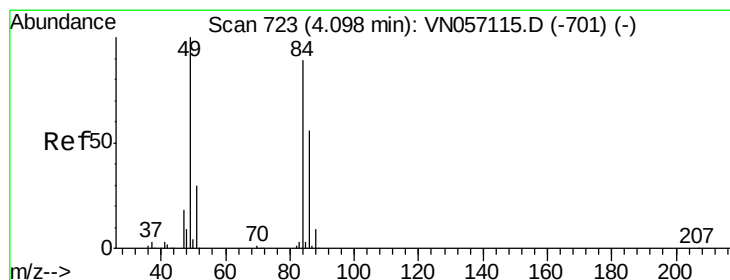
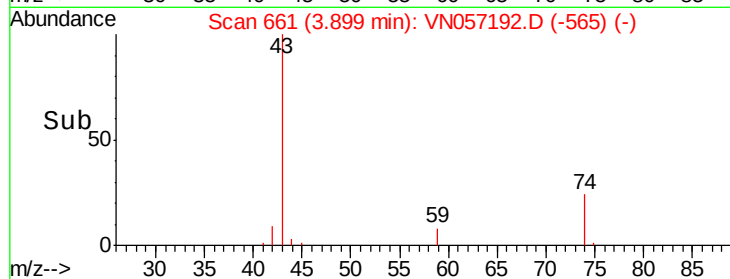
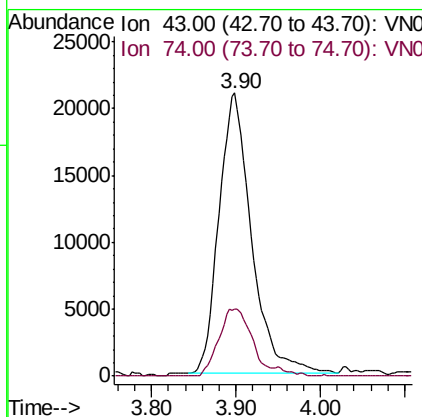
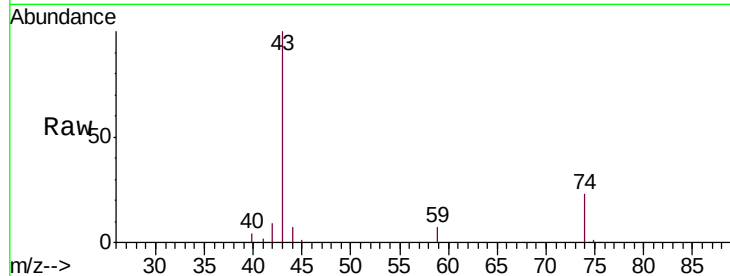




#18
Methyl Acetate
Concen: 3.904 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

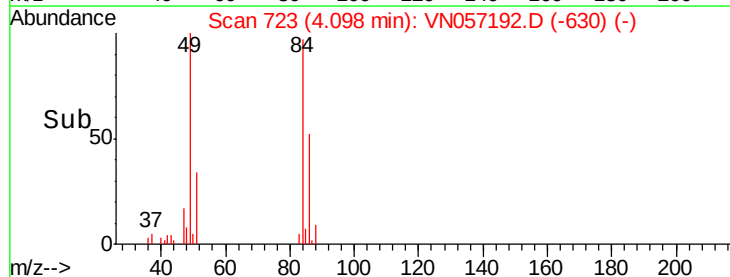
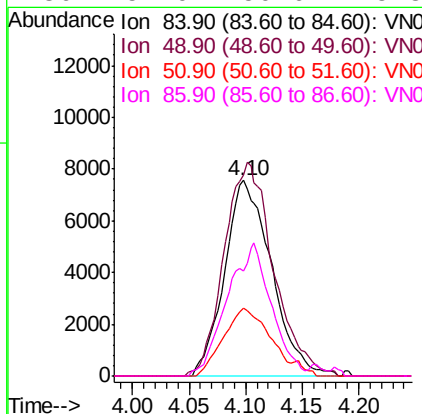
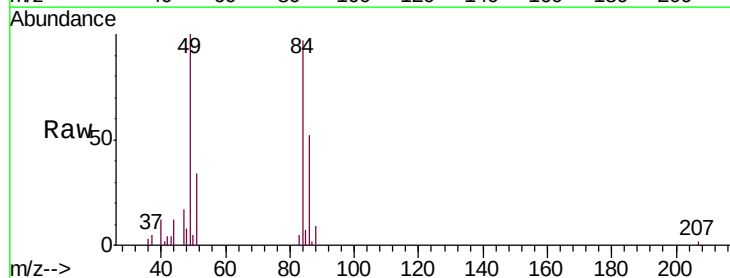
Instrument :
MSVOA_N
ClientSampleId :
1S-O-(1)

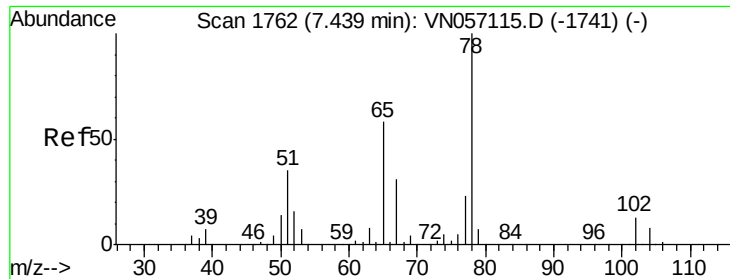
Tgt Ion: 43 Resp: 55990
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.4



#20
Methylene Chloride
Concen: 1.585 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion: 84 Resp: 21791
Ion Ratio Lower Upper
84 100
49 103.2 89.5 134.3
51 34.7 27.2 40.8
86 54.0 50.6 75.8

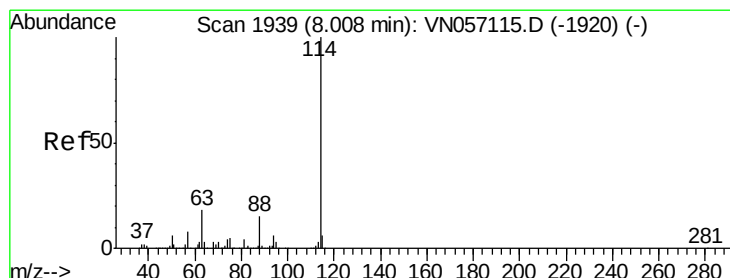
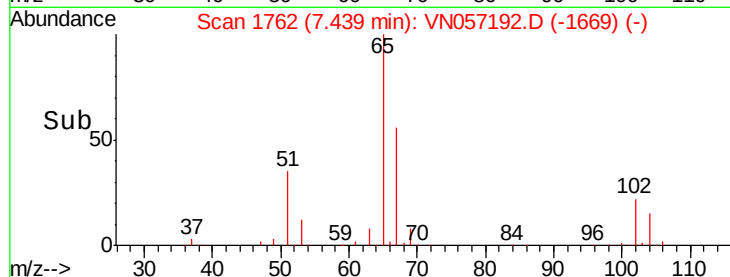
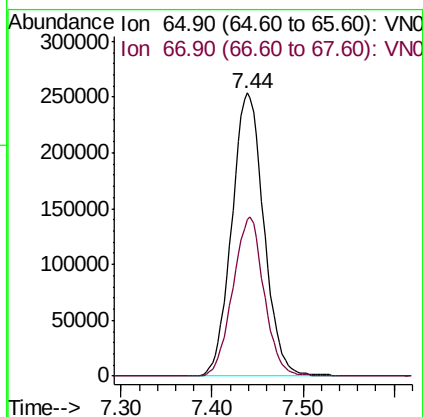
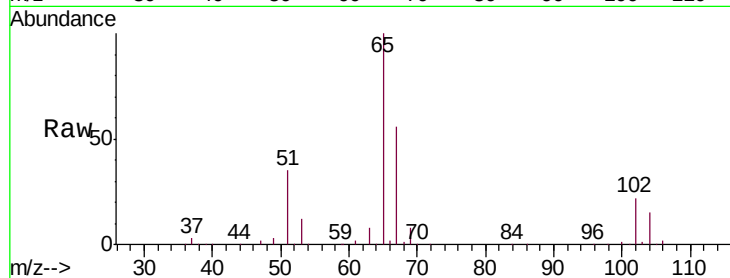




#33
 1,2-Dichloroethane-d4
 Concen: 44.988 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

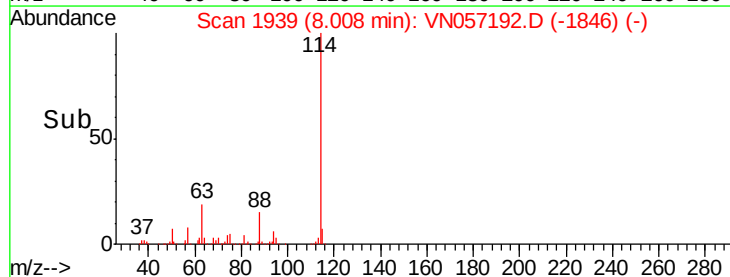
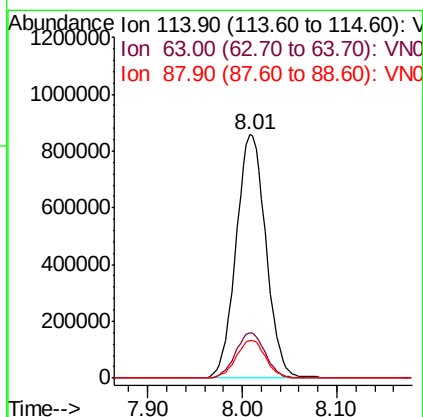
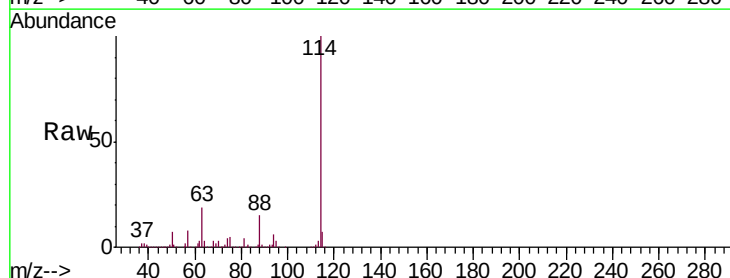
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-O-(1)

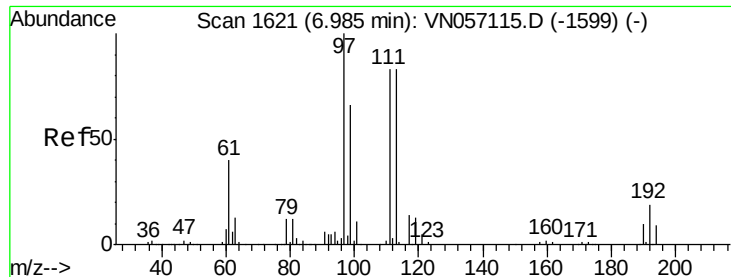
Tgt Ion: 65 Resp: 620725
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion: 114 Resp: 1878068
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 15.3 0.0 30.0

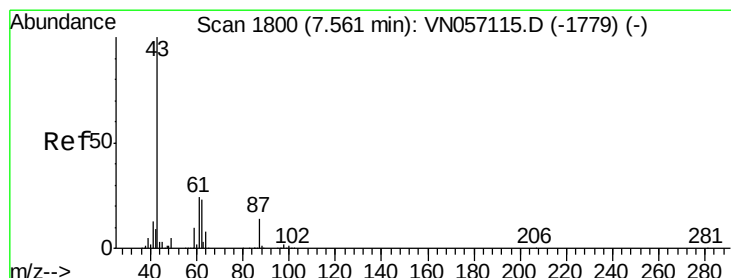
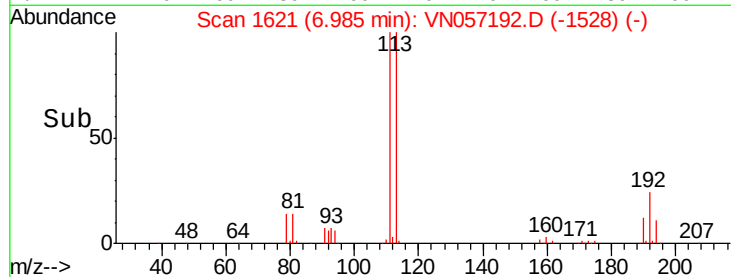
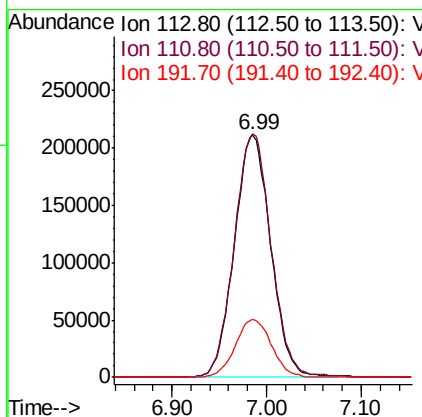
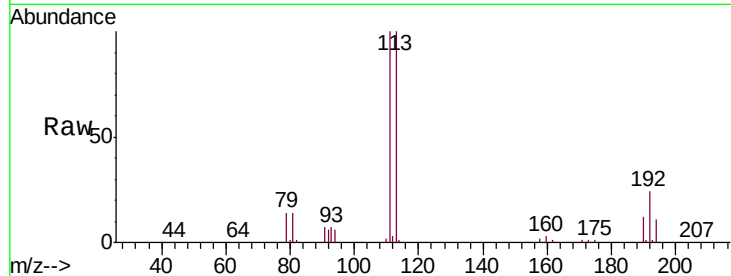




#35
 Dibromofluoromethane
 Concen: 47.949 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

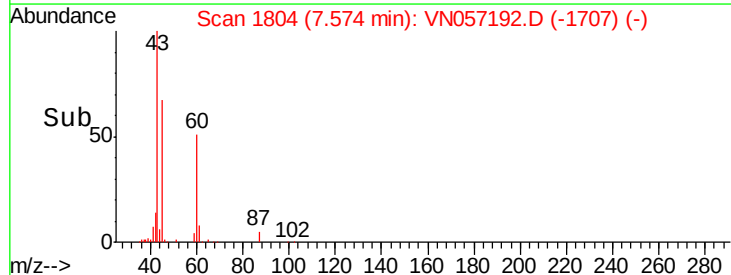
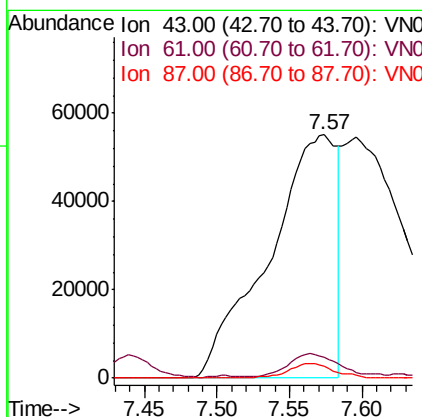
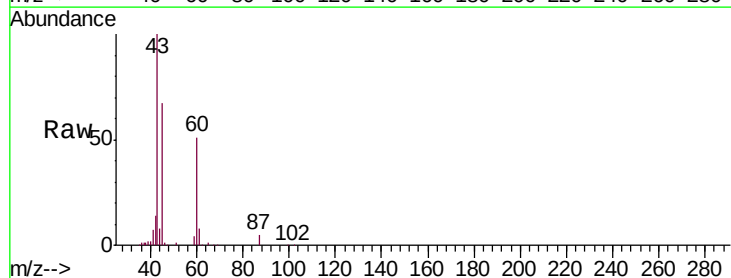
Instrument :
 MSVOA_N
 ClientSampled :
 1S-O-(1)

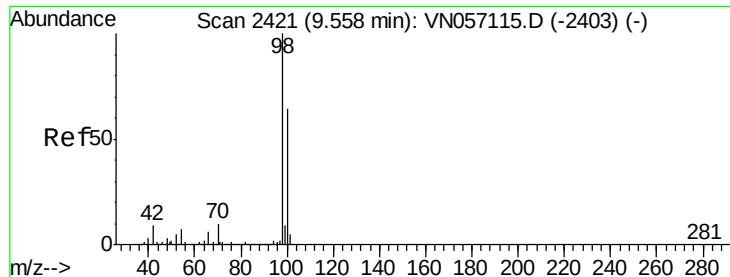
Tgt Ion: 113 Resp: 565084
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 23.7 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 8.237 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion: 43 Resp: 179189
 Ion Ratio Lower Upper
 43 100
 61 7.2 24.2 36.2#
 87 4.0 11.8 17.8#

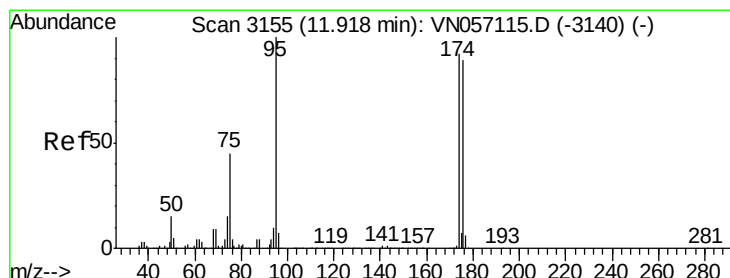
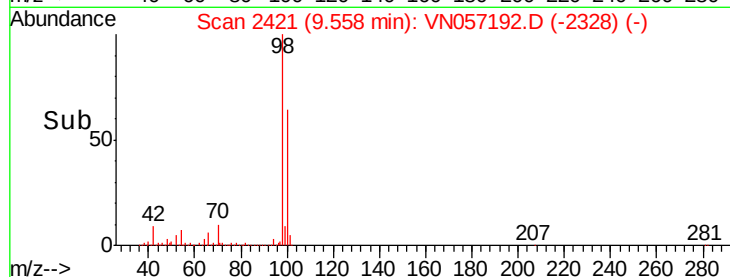
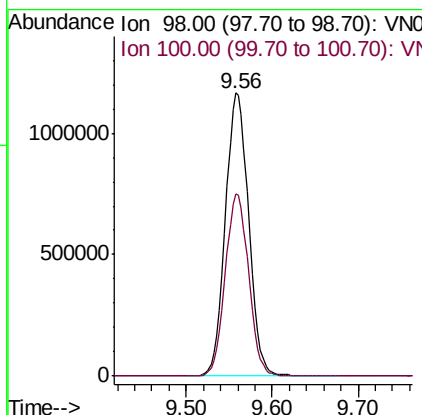
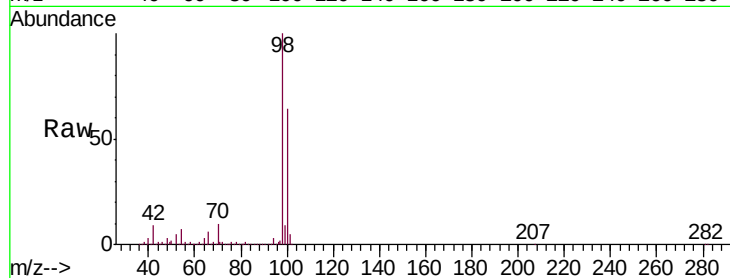




#50
Toluene-d8
Concen: 48.628 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

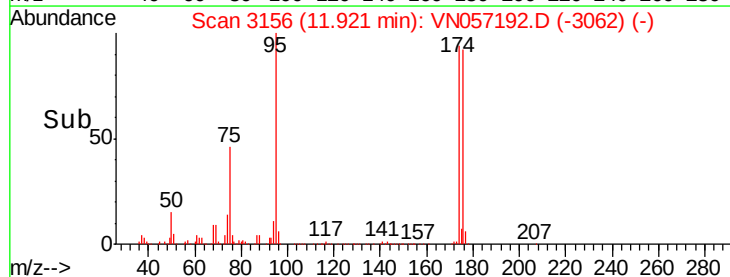
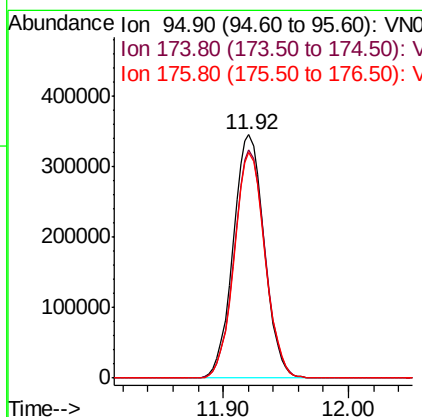
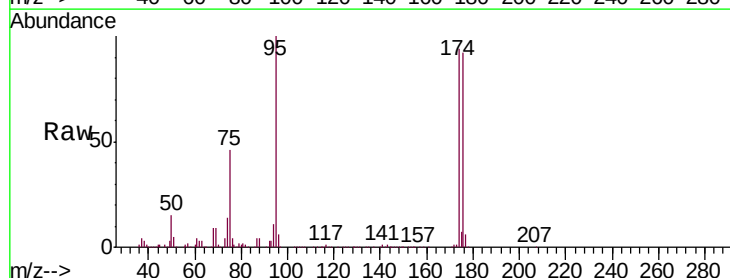
Instrument :
MSVOA_N
ClientSampled :
1S-O-(1)

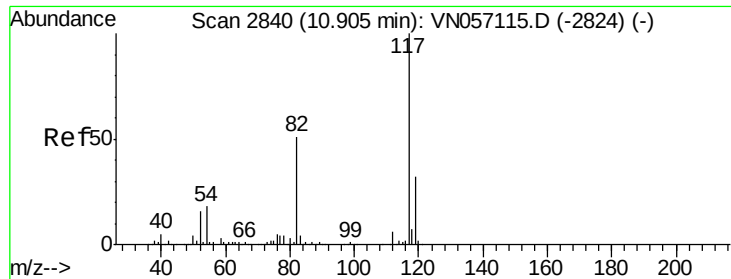
Tgt Ion: 98 Resp: 2192551
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.972 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion: 95 Resp: 595231
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.0
176 91.5 0.0 181.2

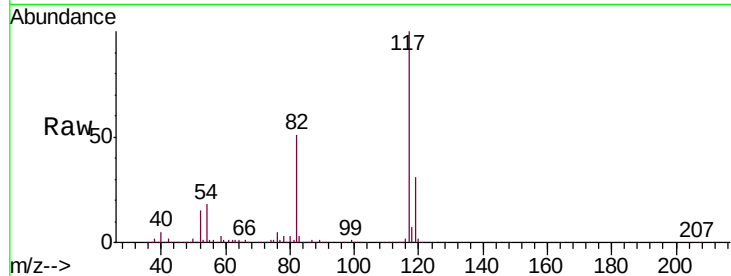




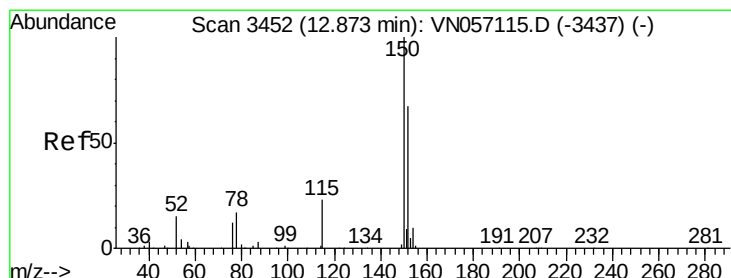
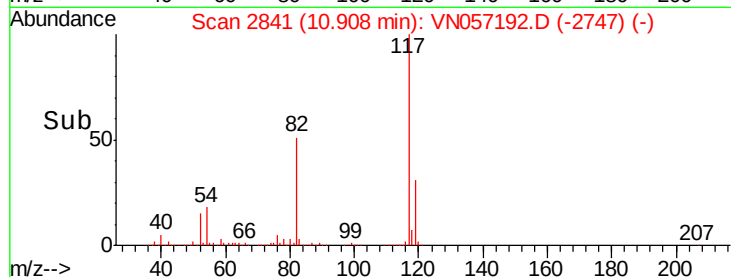
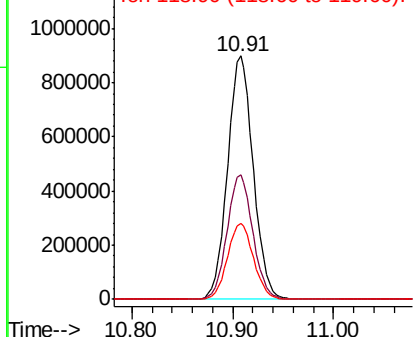
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

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

Tgt Ion:117 Resp: 1592814
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 31.3 25.7 38.5

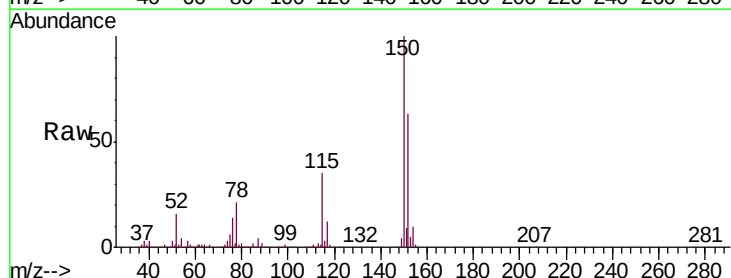


Abundance Ion 116.90 (116.60 to 117.60): V
1200000
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion:152 Resp: 413469
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.5
150 157.0 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
500000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

