

Data File : VN057190.D
Acq On : 11 Aug 2019 16:16
Operator : JC/SP
Sample : K4227-31
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 12 07:07:17 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	1359128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1931245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1629020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	438028	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	638411	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	6.99	113	574996	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	9.56	98	2258983	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.92	95	601855	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	

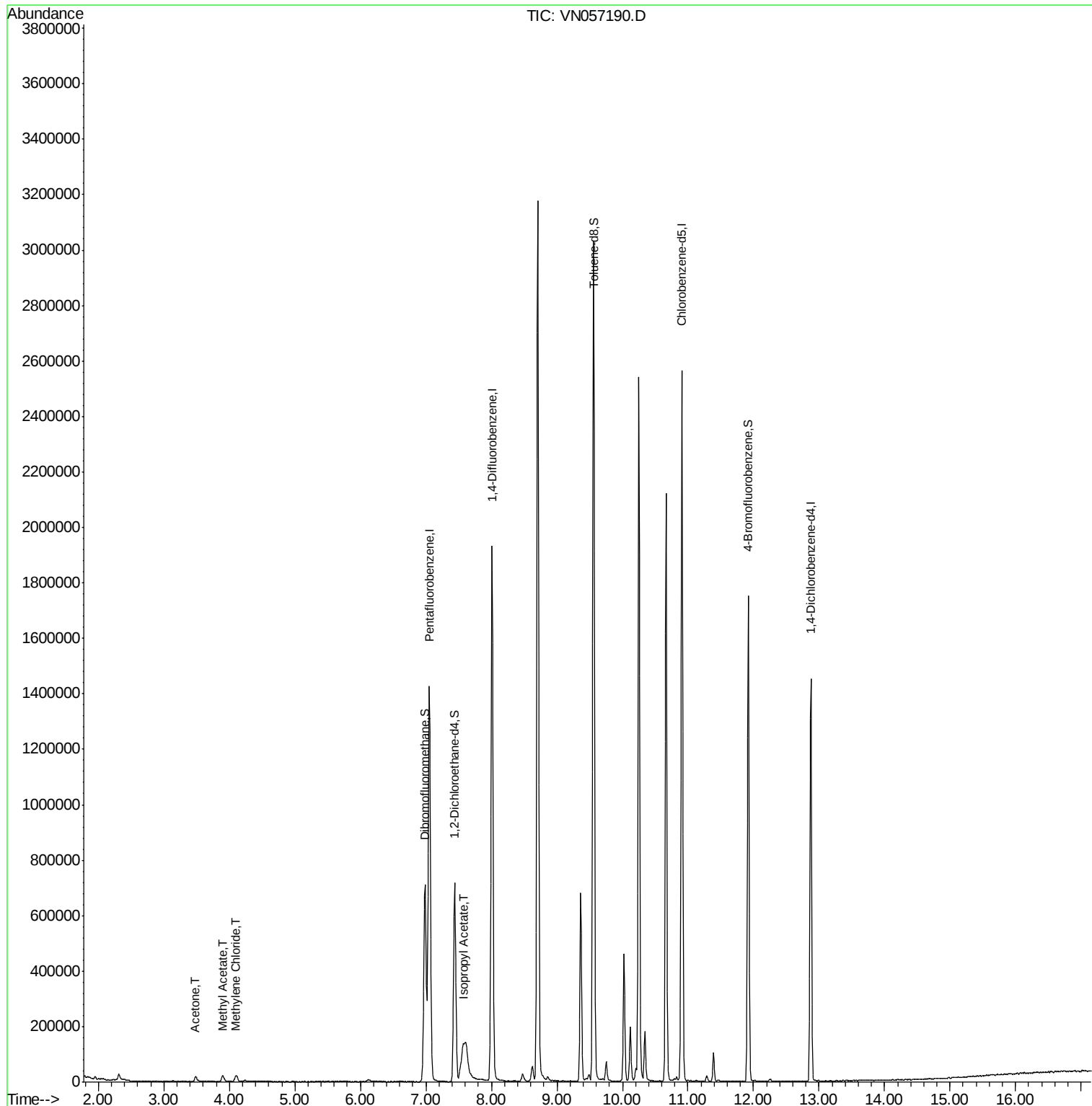
Target Compounds				Qvalue		
16) Acetone	3.48	43	26774	6.343	ug/l	88
18) Methyl Acetate	3.90	43	39972	2.555	ug/l	98
20) Methylene Chloride	4.10	84	16333	1.172	ug/l	97
43) Isopropyl Acetate	7.57	43	191515	8.562	ug/l #	64

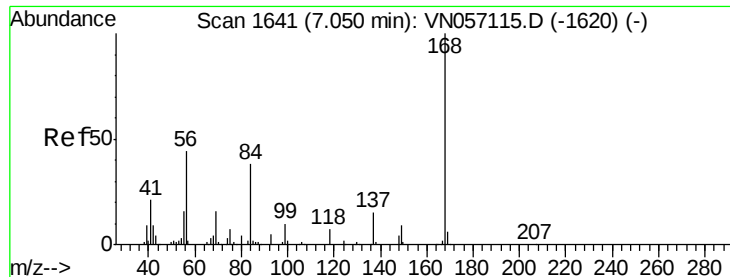
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057190.D

Acq: 11 Aug 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

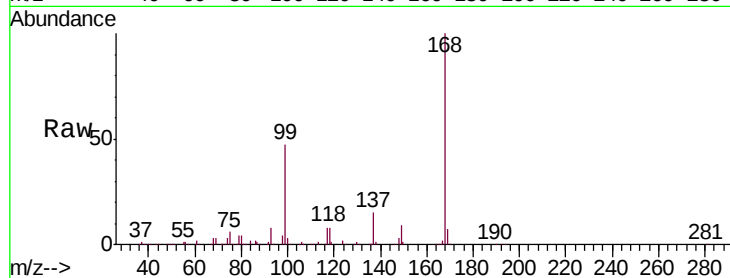
1S-Q-(1)

Tgt Ion:168 Resp: 1359128

Ion Ratio Lower Upper

168 100

99 47.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057190.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057190.D (-1548) (-)

7.05

600000

500000

400000

300000

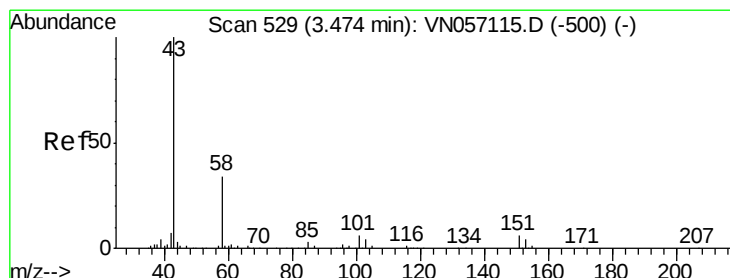
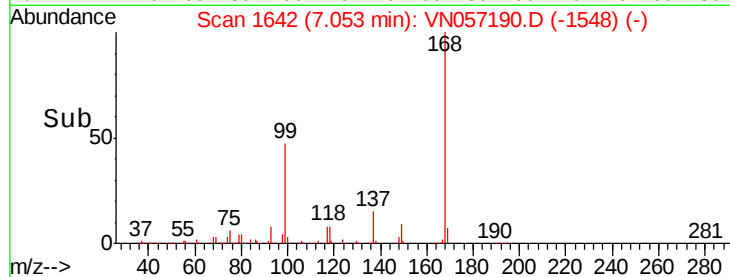
200000

100000

0

7.00 7.10

Time-->



#16

Acetone

Concen: 6.343 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057190.D

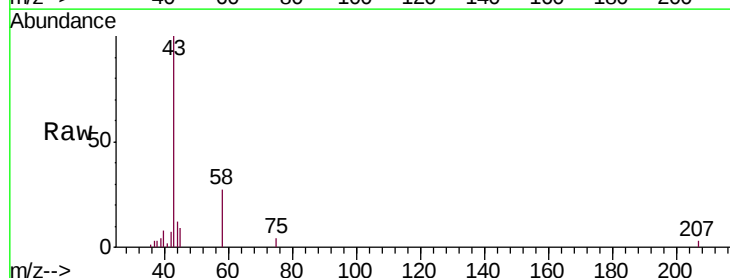
Acq: 11 Aug 2019 16:16

Tgt Ion: 43 Resp: 26774

Ion Ratio Lower Upper

43 100

58 27.5 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057190.D (-436) (-)

Ion 58.00 (57.70 to 58.70): VN057190.D (-436) (-)

3.48

12000

10000

8000

6000

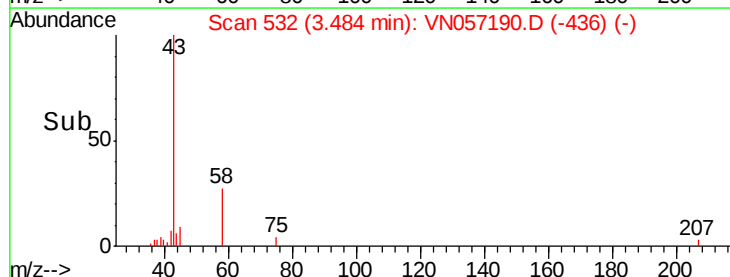
4000

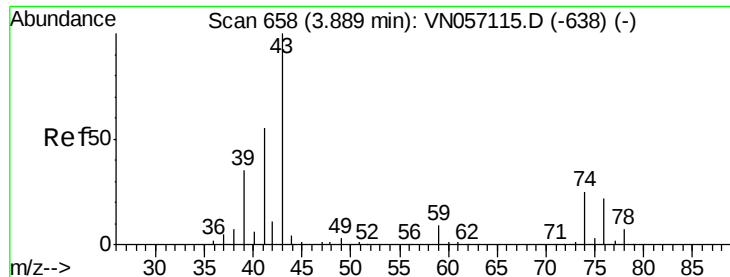
2000

0

3.40 3.45 3.50 3.55

Time-->

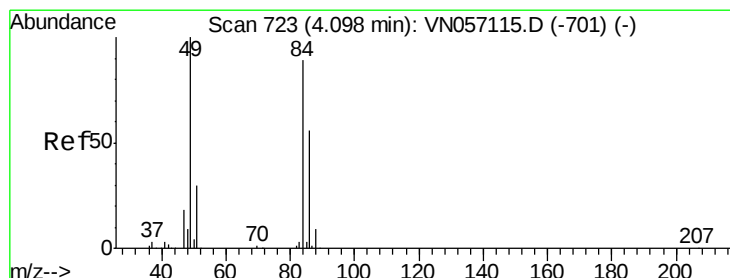
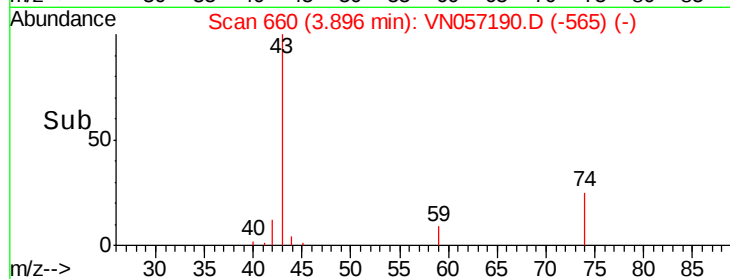
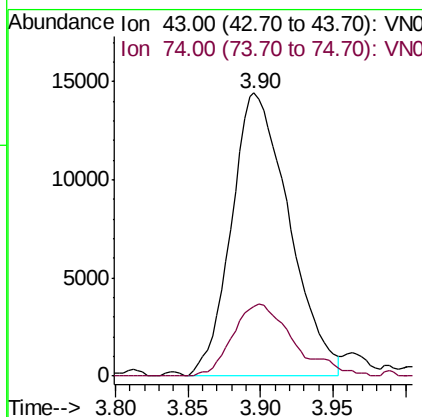
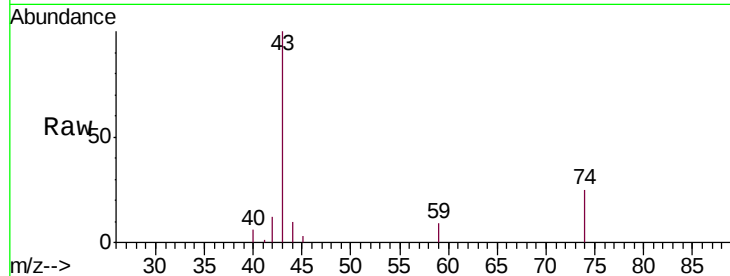




#18
Methyl Acetate
Concen: 2.555 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

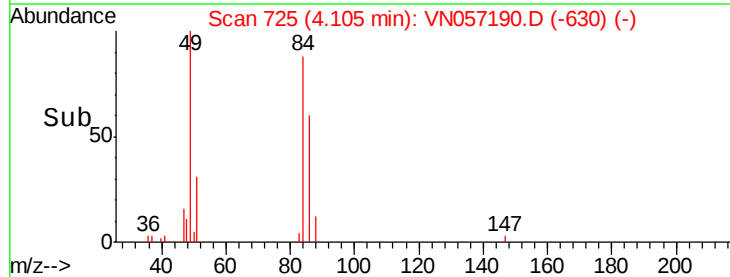
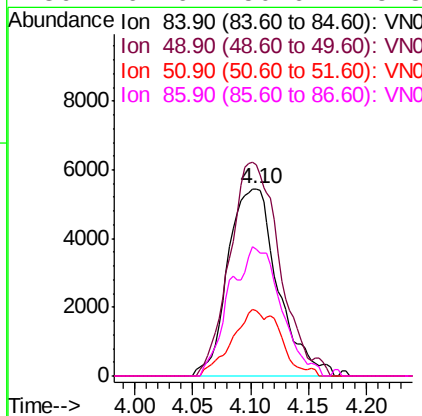
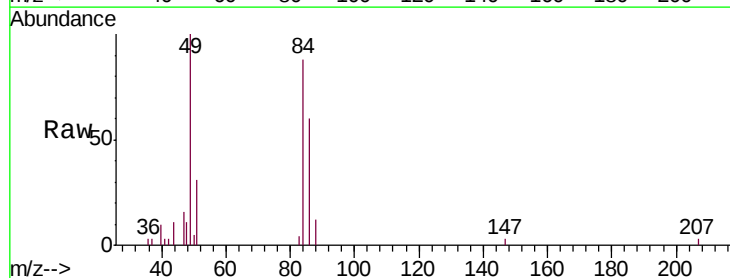
Instrument :
MSVOA_N
ClientSampleId :
1S-Q(1)

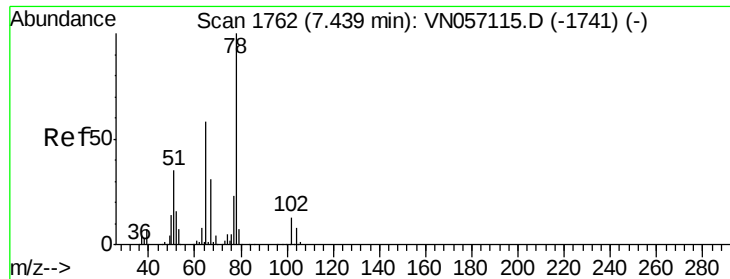
Tgt Ion: 43 Resp: 39972
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.4



#20
Methylene Chloride
Concen: 1.172 ug/l
RT: 4.10 min Scan# 725
Delta R.T. 0.01 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

Tgt Ion: 84 Resp: 16333
Ion Ratio Lower Upper
84 100
49 113.0 89.5 134.3
51 35.1 27.2 40.8
86 67.6 50.6 75.8

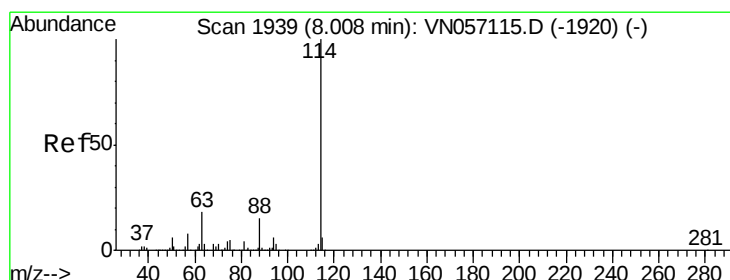
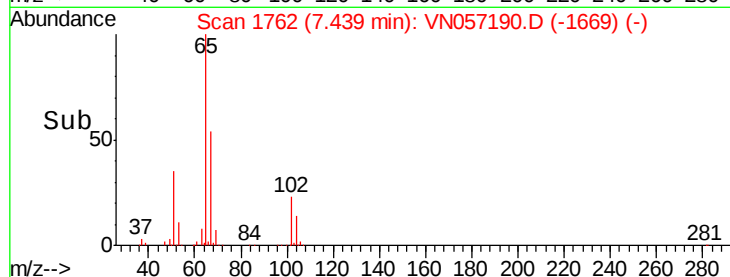
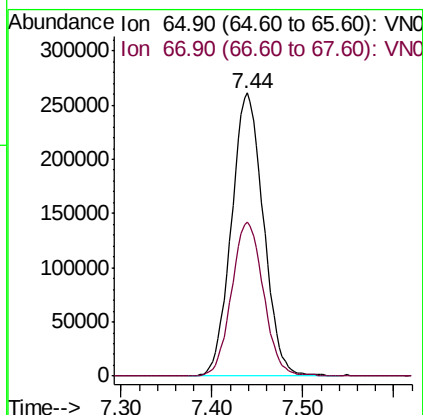
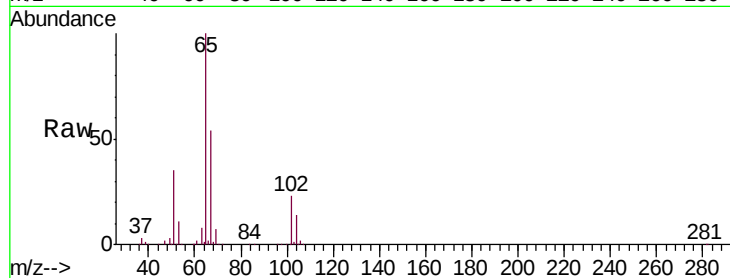




#33
 1,2-Dichloroethane-d4
 Concen: 45.674 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057190.D
 Acq: 11 Aug 2019 16:16

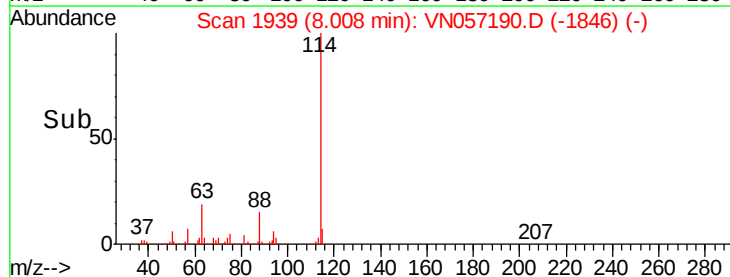
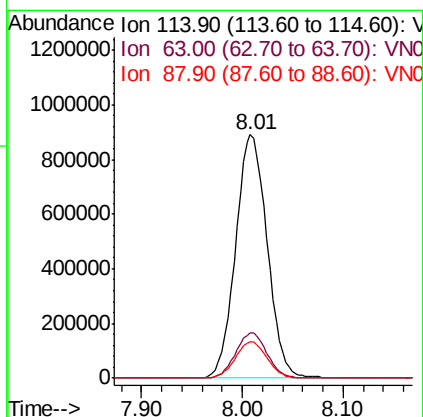
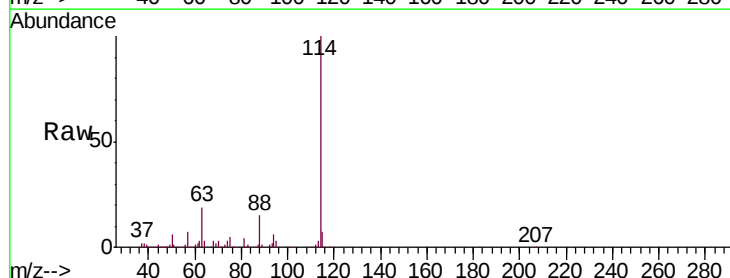
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-Q-(1)

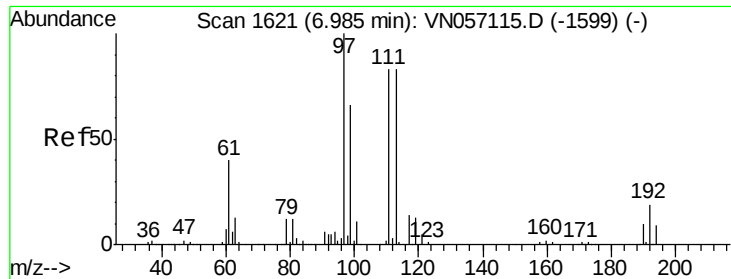
Tgt Ion: 65 Resp: 638411
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057190.D
 Acq: 11 Aug 2019 16:16

Tgt Ion: 114 Resp: 1931245
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.1 0.0 30.0

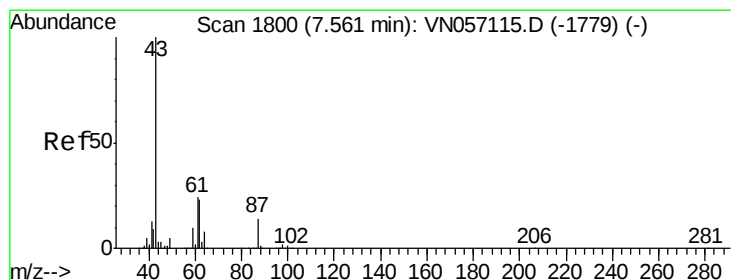
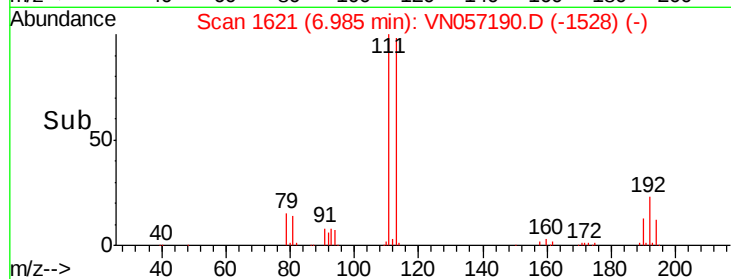
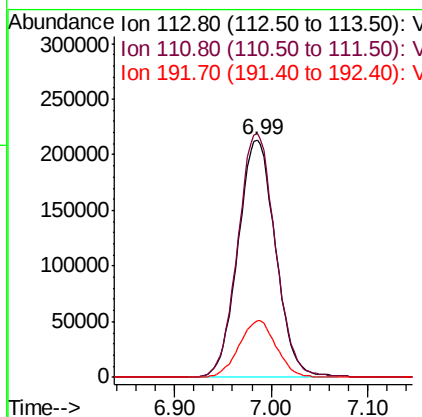
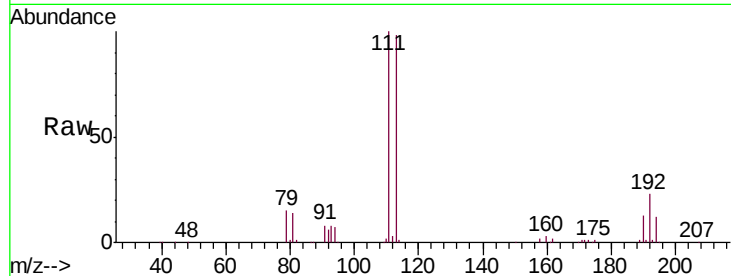




#35
 Dibromofluoromethane
 Concen: 47.446 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057190.D
 Acq: 11 Aug 2019 16:16

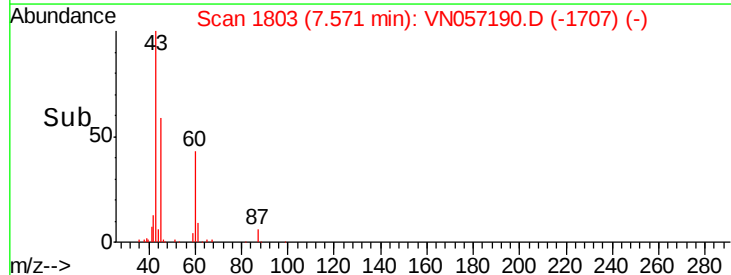
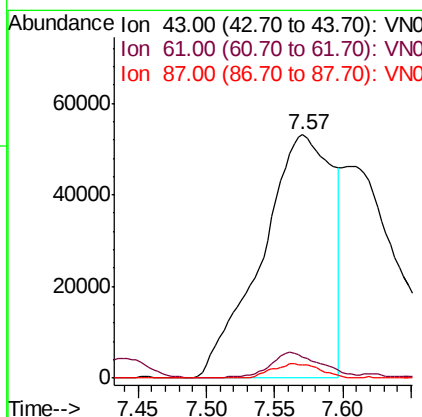
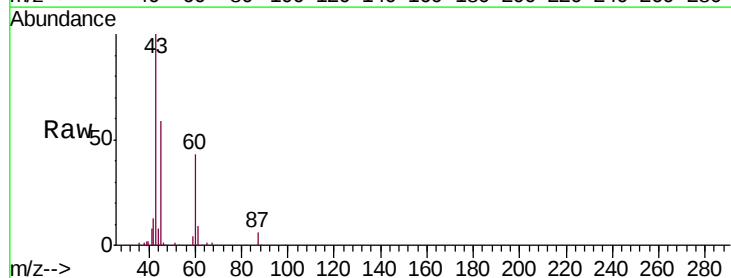
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-Q(1)

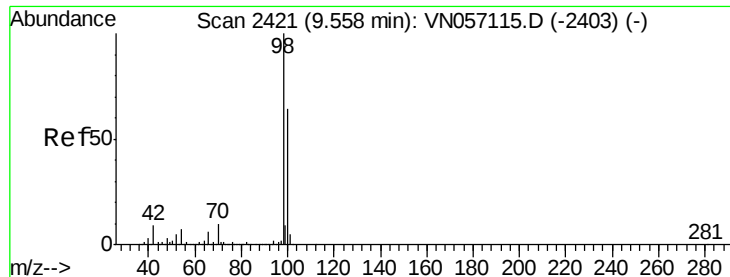
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	23.7	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 8.562 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VN057190.D
 Acq: 11 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.6	24.2	36.2#
87	4.0	11.8	17.8#

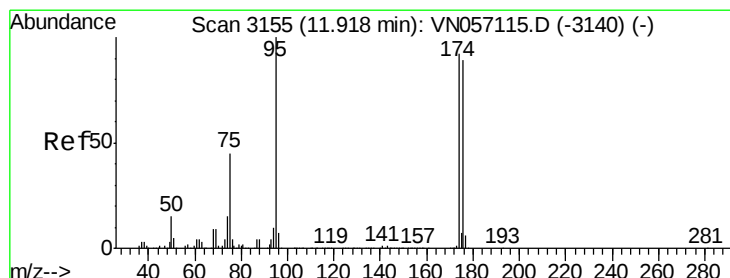
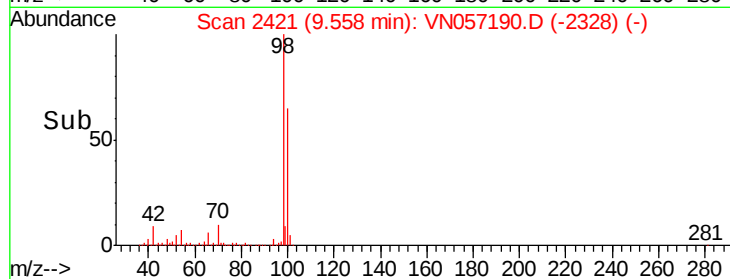
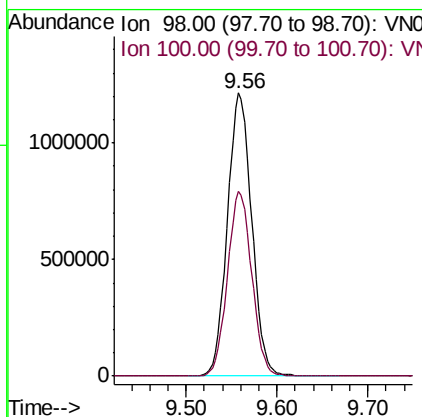
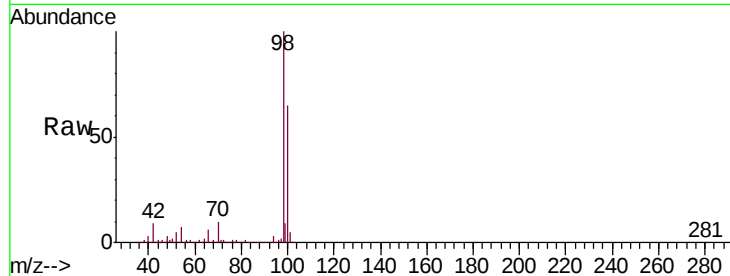




#50
Toluene-d8
Concen: 48.722 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

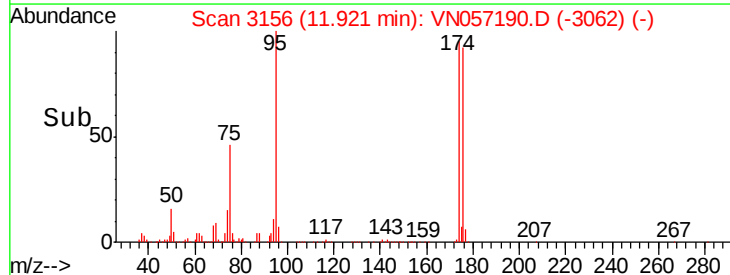
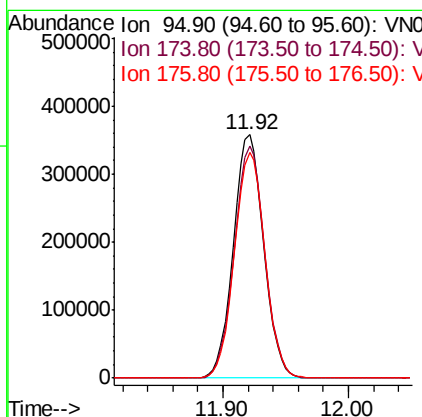
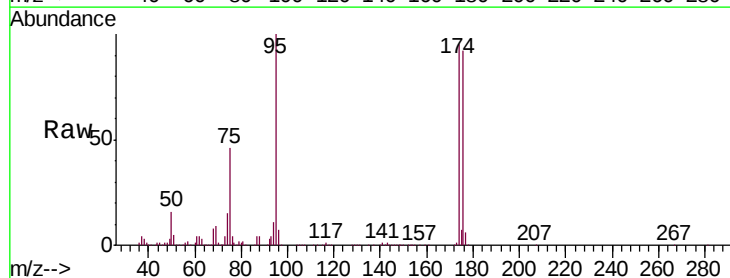
Instrument :
MSVOA_N
ClientSampled :
1S-Q-(1)

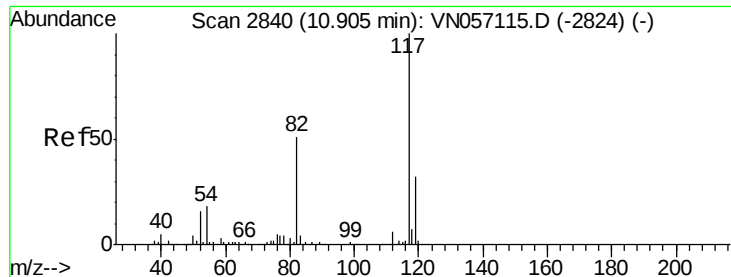
Tgt Ion: 98 Resp: 2258983
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.287 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

Tgt Ion: 95 Resp: 601855
Ion Ratio Lower Upper
95 100
174 95.5 0.0 185.0
176 93.4 0.0 181.2

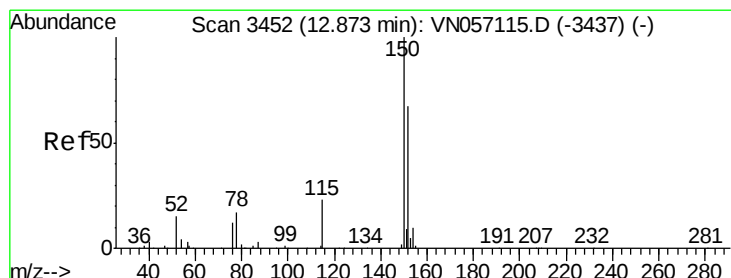
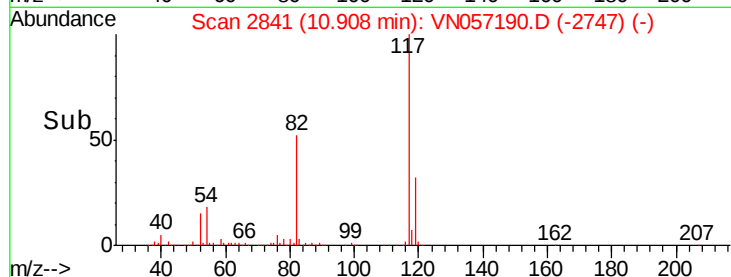
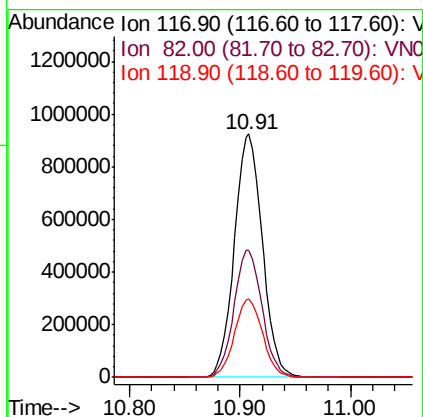
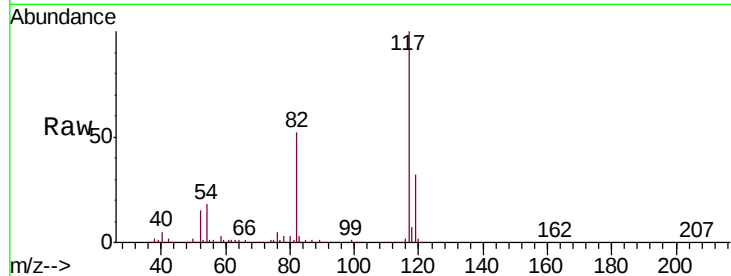




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

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

Tgt Ion:117 Resp: 1629020
Ion Ratio Lower Upper
117 100
82 52.3 40.8 61.2
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057190.D
Acq: 11 Aug 2019 16:16

Tgt Ion:152 Resp: 438028
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.5
150 156.1 0.0 341.6

