

Data File : VN057186.D
Acq On : 11 Aug 2019 14:39
Operator : JC/SP
Sample : K4227-27
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 12 06:59:24 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

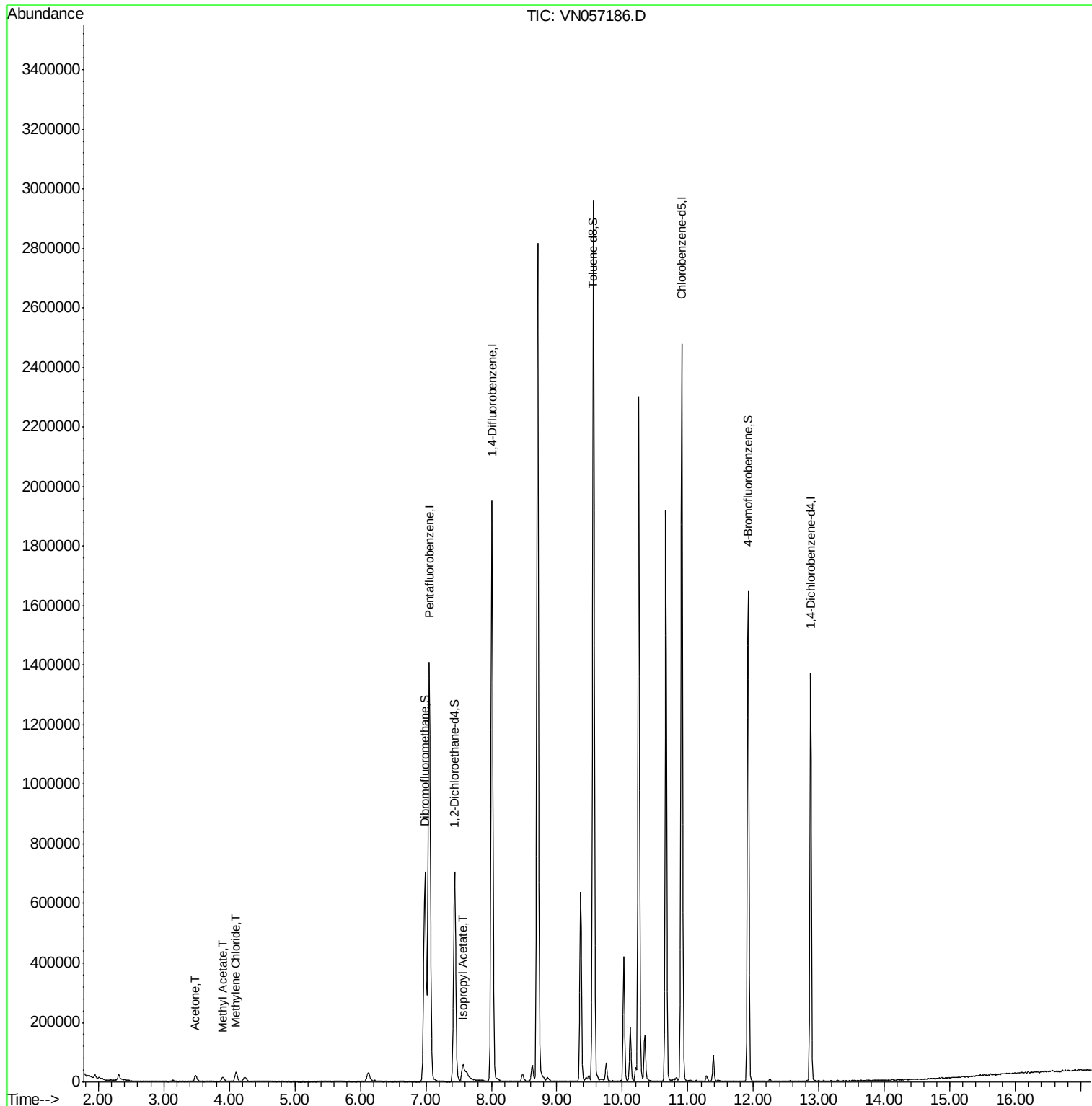
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1373641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1926894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1586995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	406659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	629198	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	6.99	113	574608	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	9.56	98	2241963	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.92	95	580661	38.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.92%	
Target Compounds						
16) Acetone	3.48	43	31270	7.329	ug/l	90
18) Methyl Acetate	3.90	43	29520	1.687	ug/l	94
20) Methylene Chloride	4.10	84	22276	1.582	ug/l	97
43) Isopropyl Acetate	7.57	43	78305	3.509	ug/l #	75

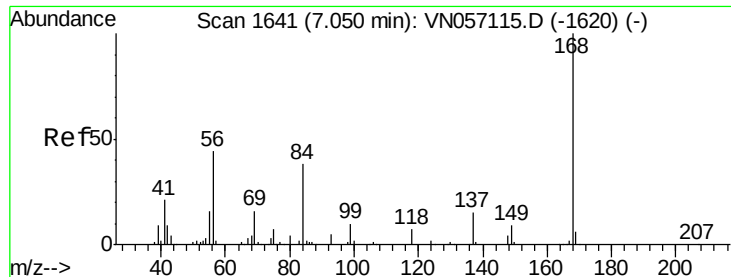
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

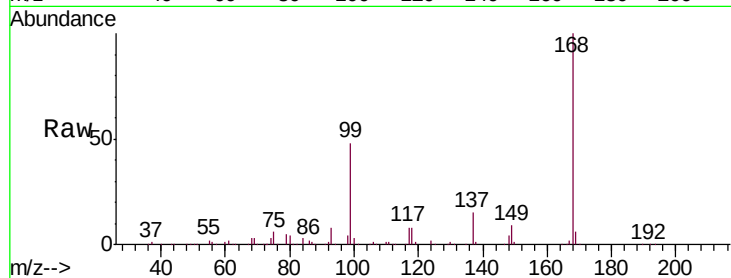
1S-K-(1)

Tgt Ion:168 Resp: 1373641

Ion Ratio Lower Upper

168 100

99 48.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.05

600000

500000

400000

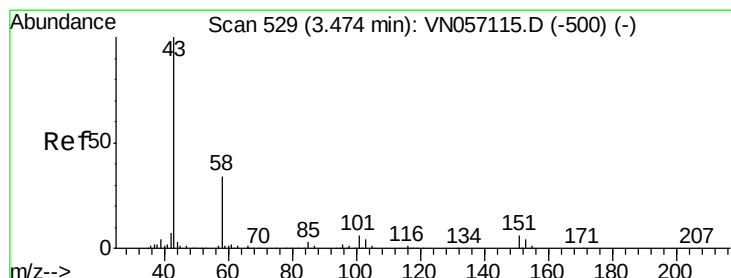
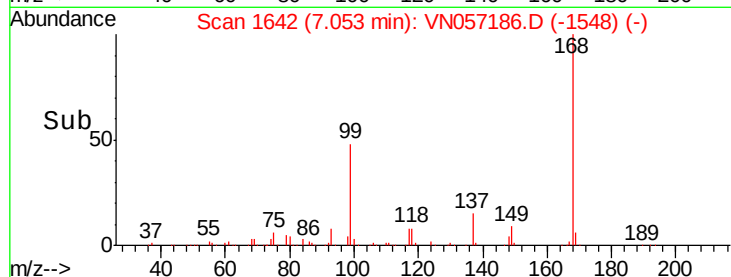
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.329 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057186.D

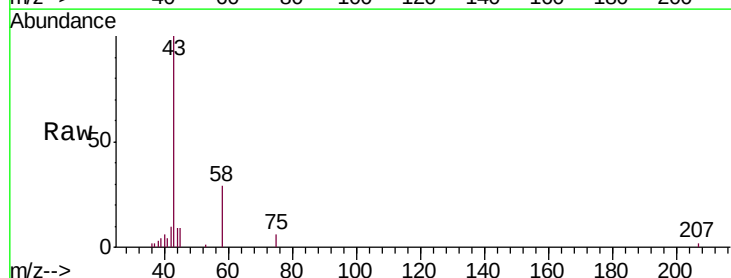
Acq: 11 Aug 2019 14:39

Tgt Ion: 43 Resp: 31270

Ion Ratio Lower Upper

43 100

58 28.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

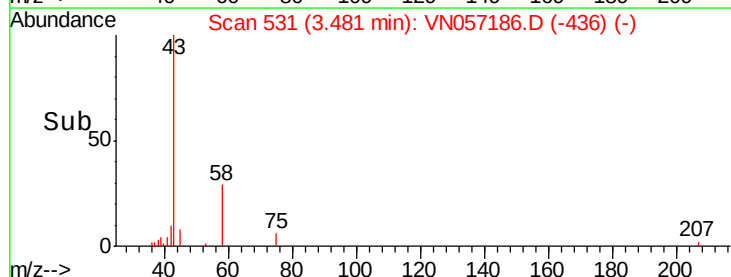
3.48

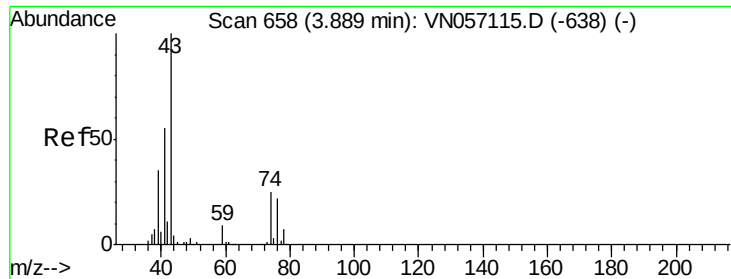
10000

5000

0

Time--> 3.40 3.45 3.50 3.55 3.60

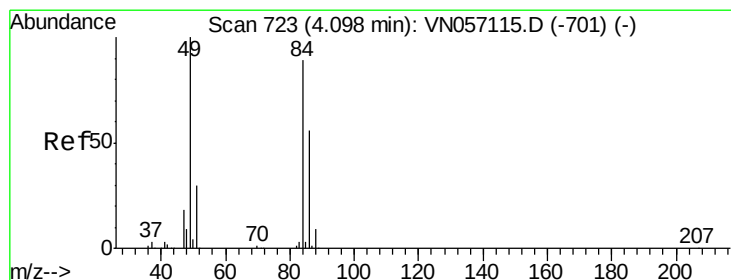
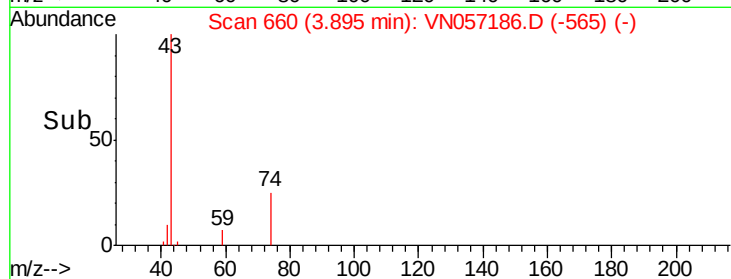
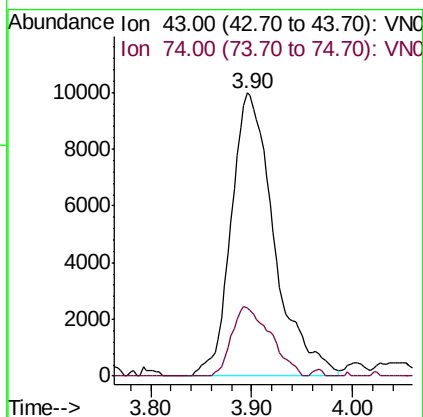
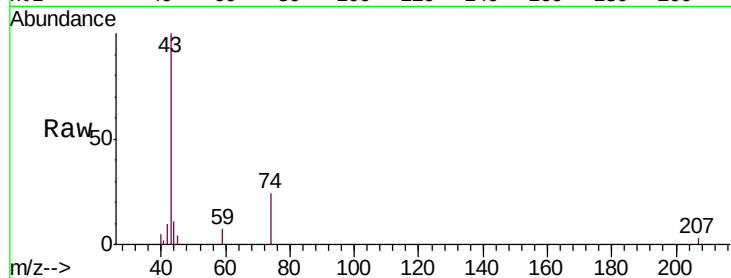




#18
Methyl Acetate
Concen: 1.687 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057186.D
Acq: 11 Aug 2019 14:39

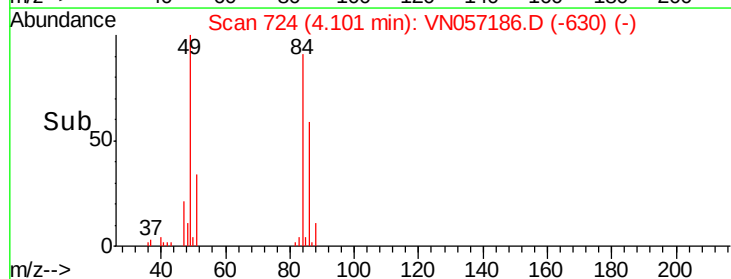
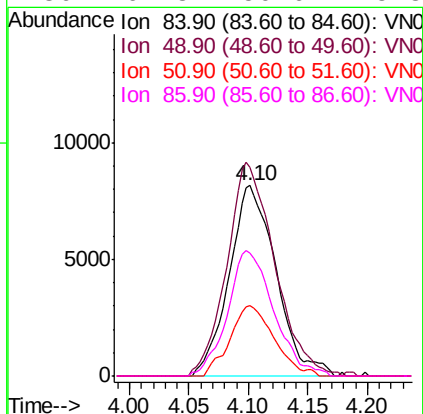
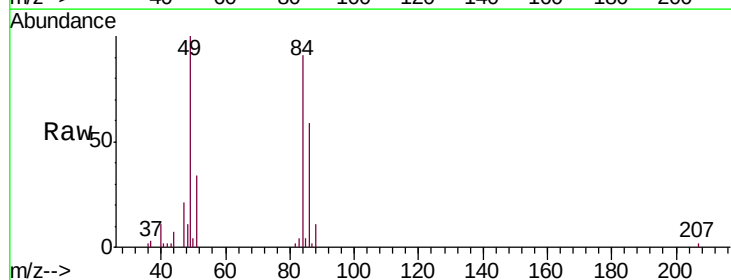
Instrument :
MSVOA_N
ClientSampled :
1S-K-(1)

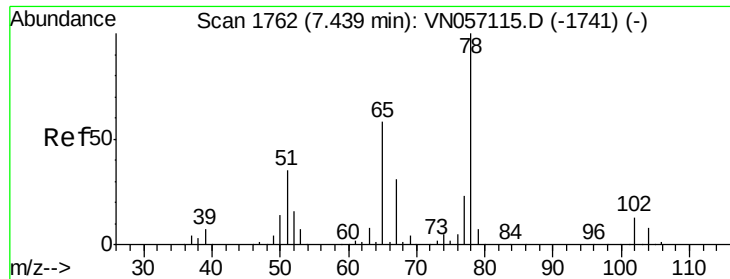
Tgt Ion: 43 Resp: 29520
Ion Ratio Lower Upper
43 100
74 22.3 20.2 30.4



#20
Methylene Chloride
Concen: 1.582 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057186.D
Acq: 11 Aug 2019 14:39

Tgt Ion: 84 Resp: 22276
Ion Ratio Lower Upper
84 100
49 109.7 89.5 134.3
51 37.3 27.2 40.8
86 64.8 50.6 75.8

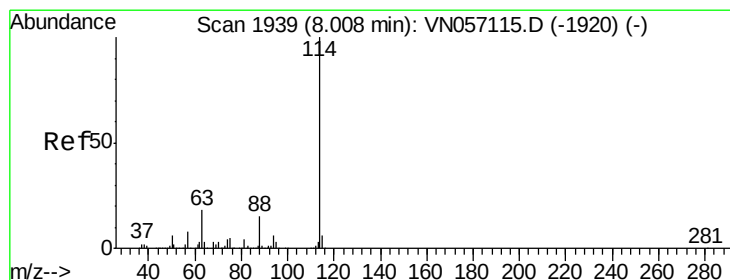
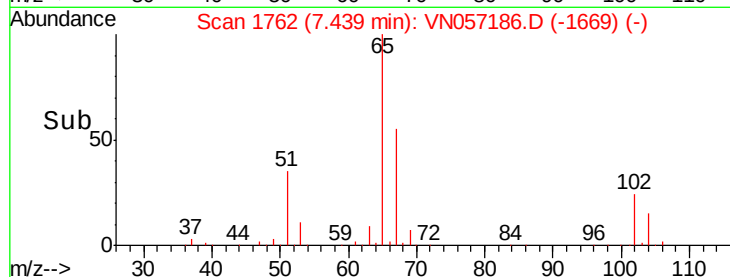
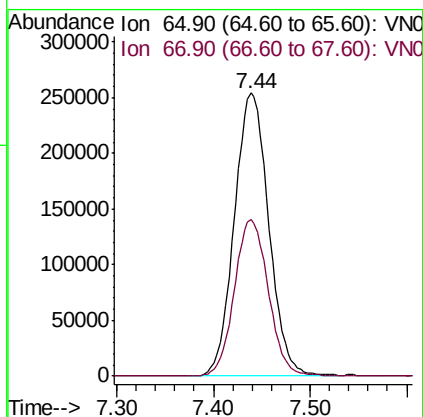
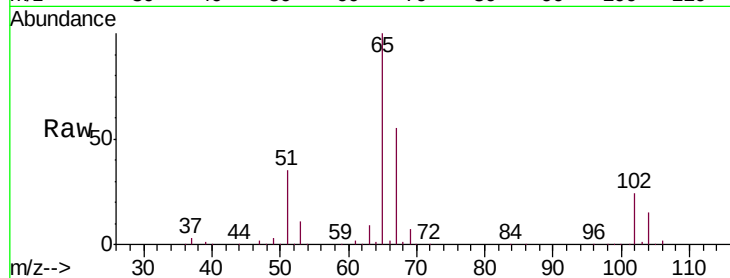




#33
 1,2-Dichloroethane-d4
 Concen: 44.539 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057186.D
 Acq: 11 Aug 2019 14:39

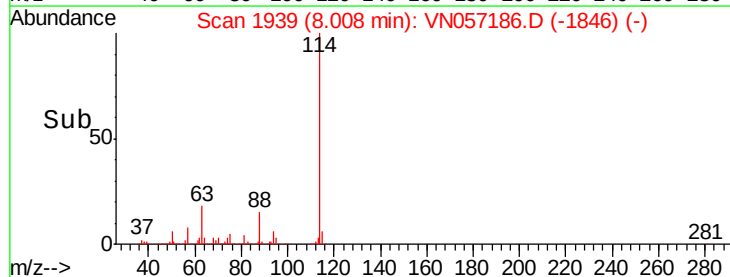
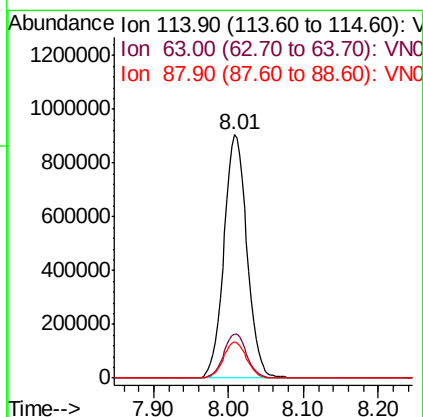
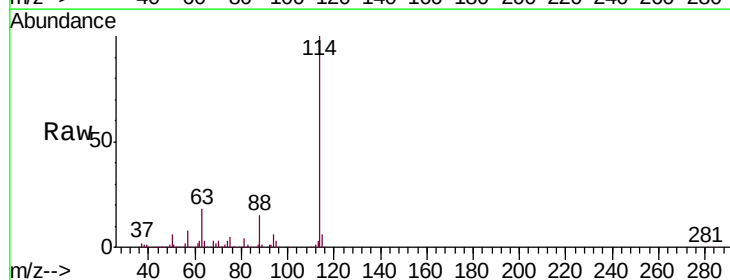
Instrument :
 MSVOA_N
 ClientSampled :
 1S-K-(1)

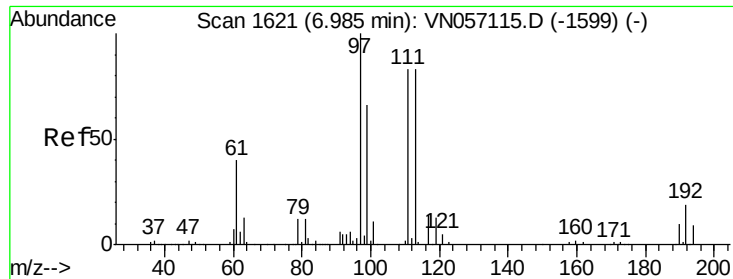
Tgt Ion: 65 Resp: 629198
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057186.D
 Acq: 11 Aug 2019 14:39

Tgt Ion: 114 Resp: 1926894
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 15.0 0.0 30.0

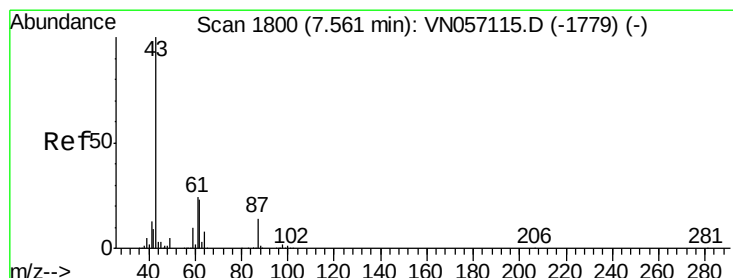
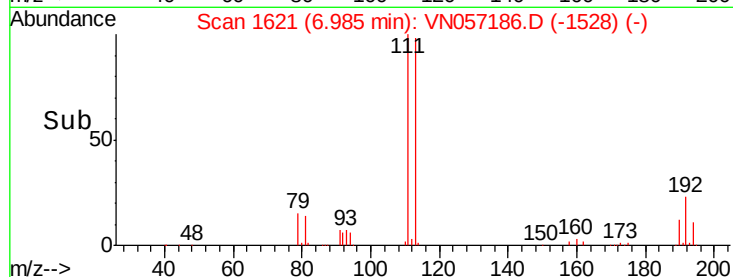
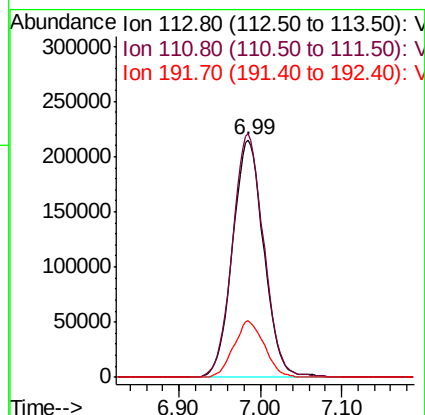
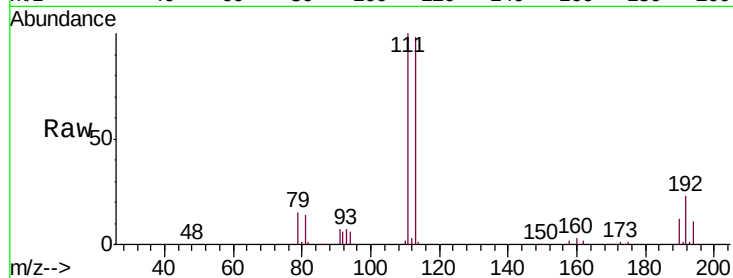




#35
 Dibromofluoromethane
 Concen: 47.522 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057186.D
 Acq: 11 Aug 2019 14:39

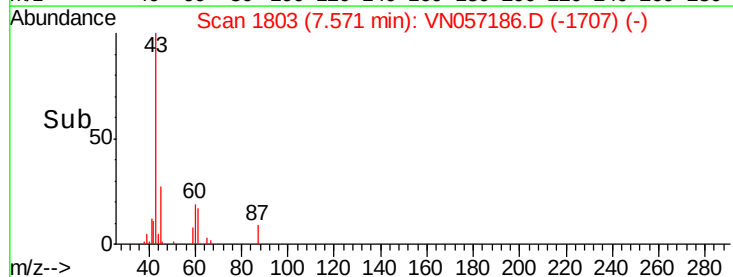
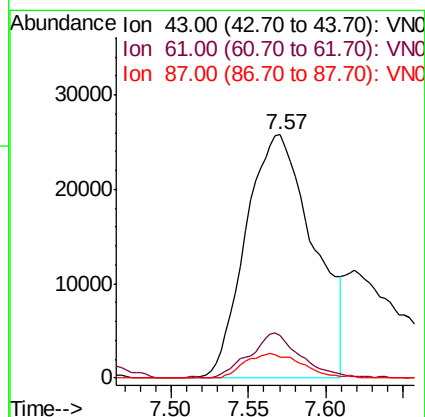
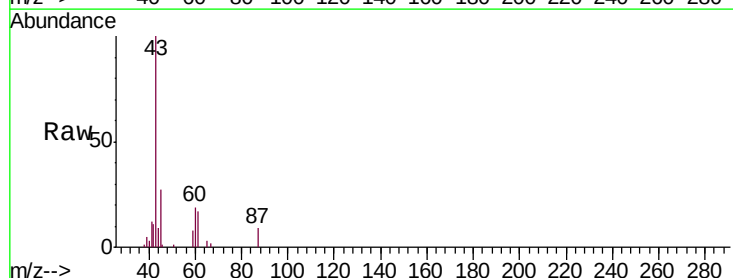
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-K-(1)

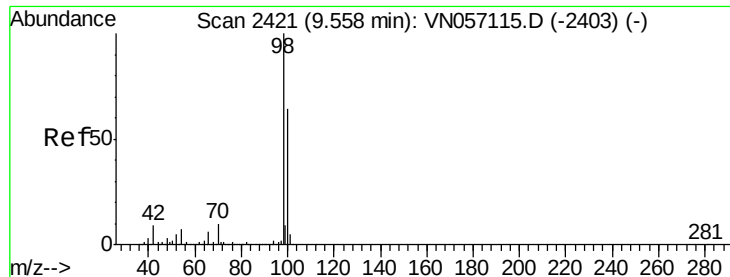
Tgt Ion: 113 Resp: 574608
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 23.3 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 3.509 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VN057186.D
 Acq: 11 Aug 2019 14:39

Tgt Ion: 43 Resp: 78305
 Ion Ratio Lower Upper
 43 100
 61 14.0 24.2 36.2#
 87 8.4 11.8 17.8#

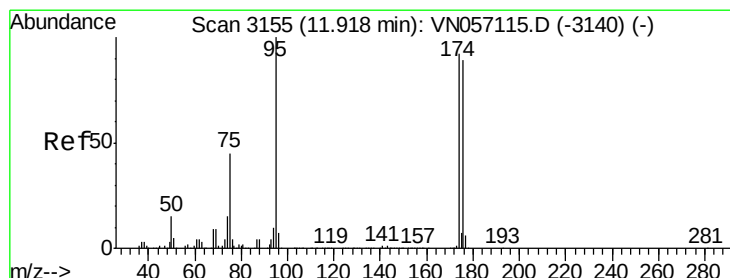
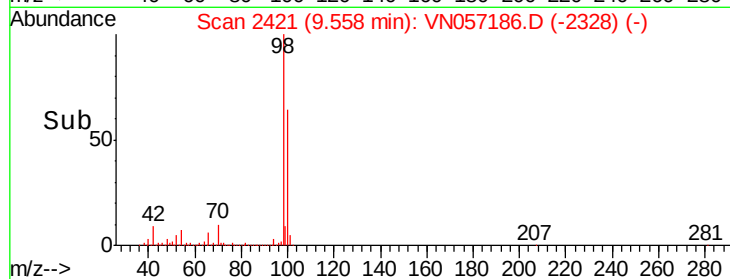
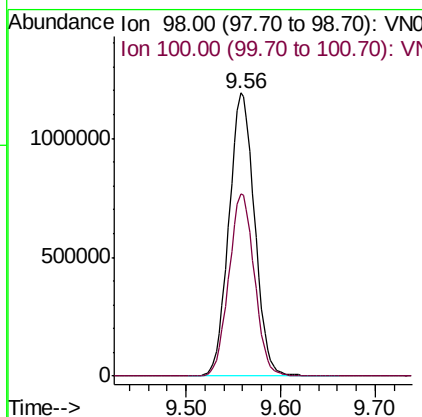
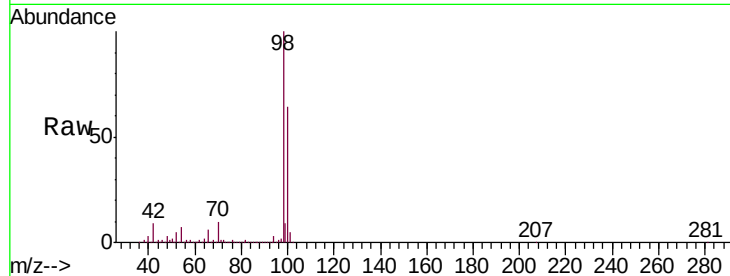




#50
Toluene-d8
Concen: 48.464 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057186.D
Acq: 11 Aug 2019 14:39

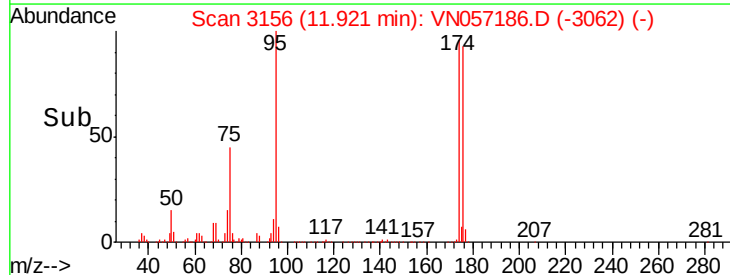
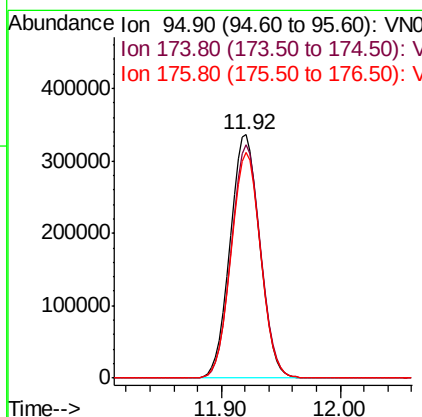
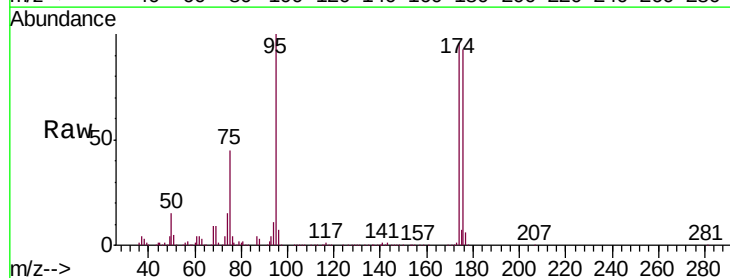
Instrument :
MSVOA_N
ClientSampled :
1S-K-(1)

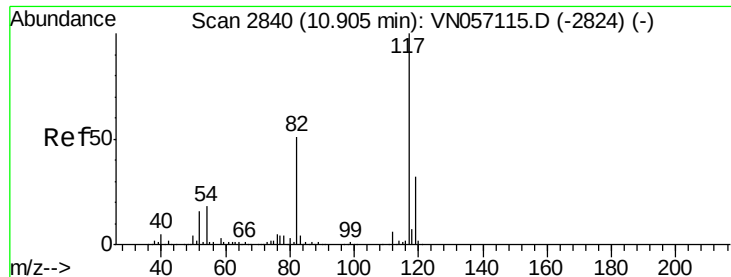
Tgt Ion: 98 Resp: 2241963
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.956 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057186.D
Acq: 11 Aug 2019 14:39

Tgt Ion: 95 Resp: 580661
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.0
176 92.3 0.0 181.2

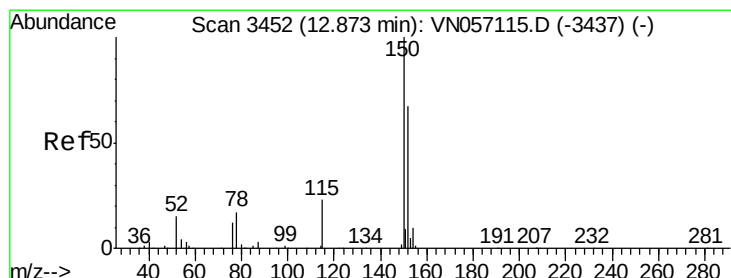
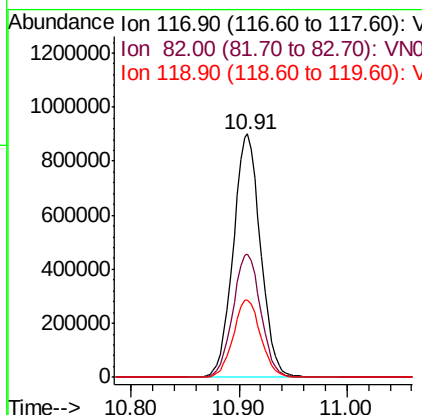
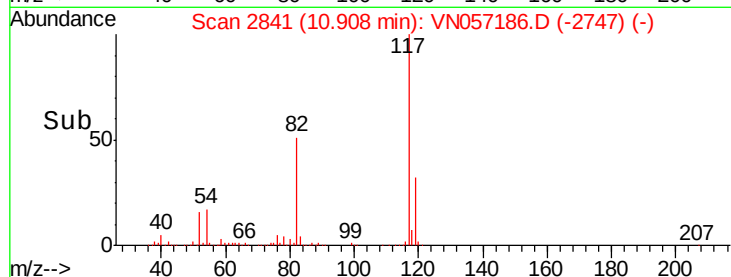
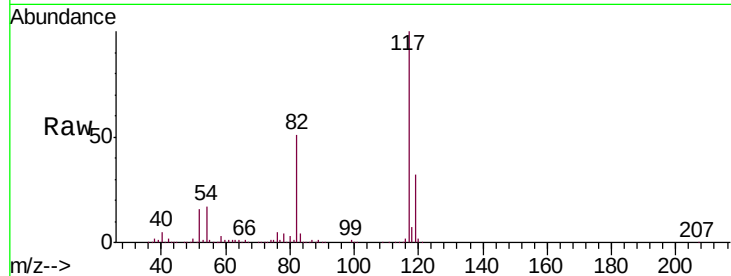




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057186.D
 Acq: 11 Aug 2019 14:39

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

Tgt Ion:117 Resp: 1586995
 Ion Ratio Lower Upper
 117 100
 82 50.9 40.8 61.2
 119 32.0 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: VN057186.D
 Acq: 11 Aug 2019 14:39

Tgt Ion:152 Resp: 406659
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.5 82.5
 150 156.2 0.0 341.6

