

Data File : VN057187.D
Acq On : 11 Aug 2019 15:03
Operator : JC/SP
Sample : K4227-28
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 12 07:01:24 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

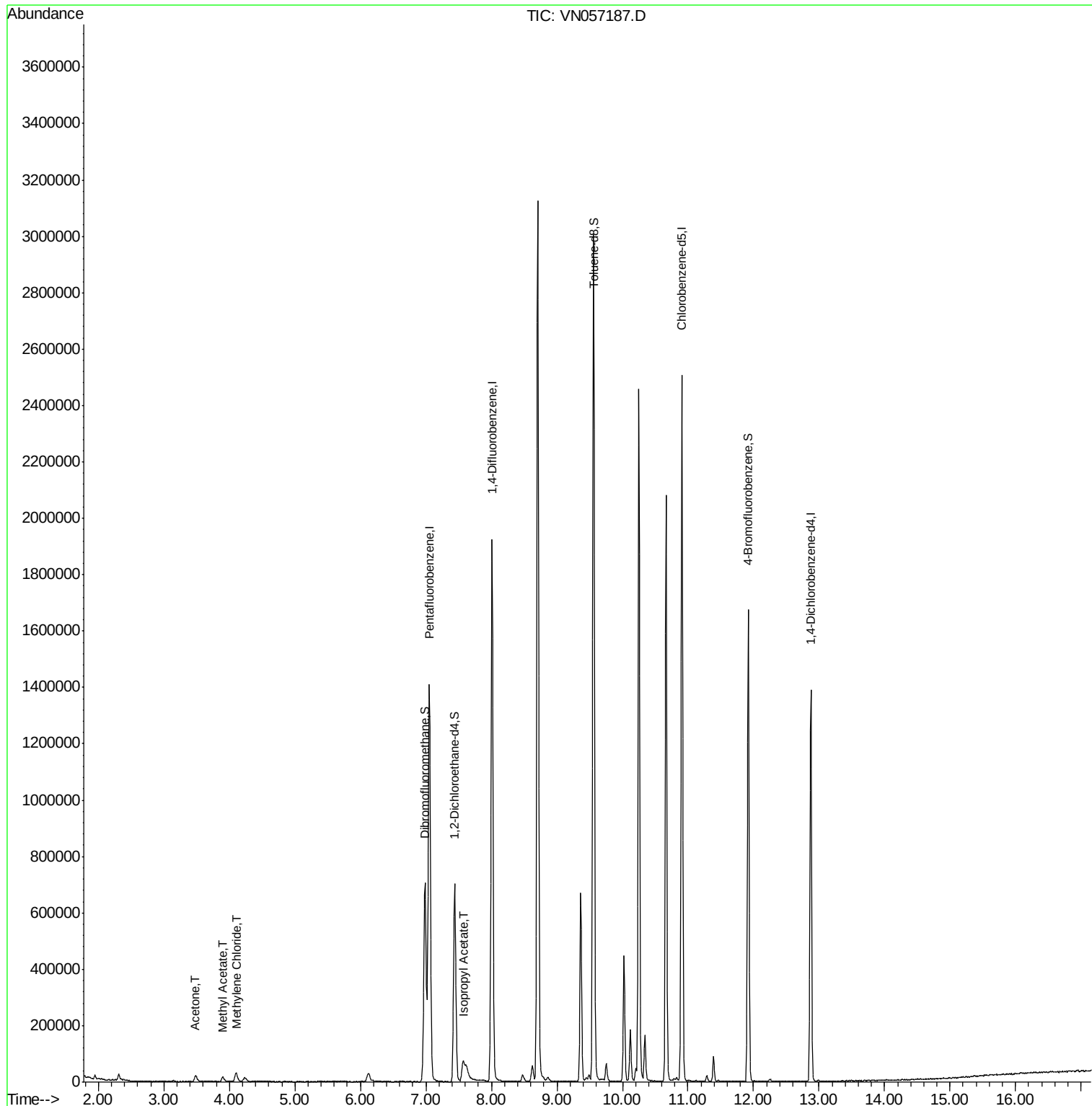
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1357567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1909899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1590227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	416300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	626924	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	6.99	113	570867	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	9.56	98	2237452	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.92	95	586974	39.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.46%	
Target Compounds						
16) Acetone	3.48	43	33025	7.832	ug/l	100
18) Methyl Acetate	3.90	43	29095	1.681	ug/l	99
20) Methylene Chloride	4.11	84	23192	1.667	ug/l #	91
43) Isopropyl Acetate	7.56	43	86715	3.920	ug/l #	76

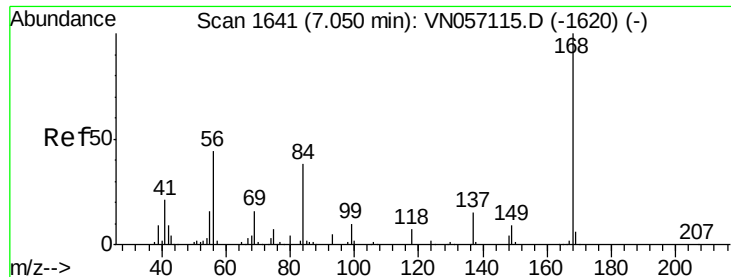
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_N

ClientSampleId :

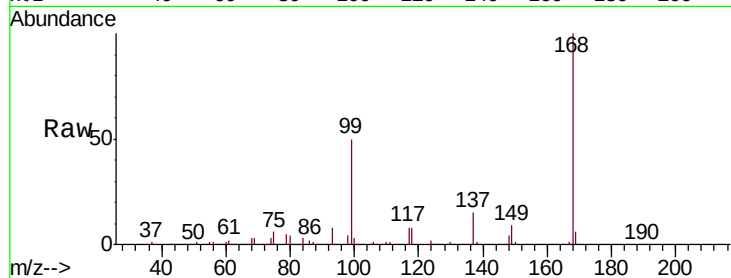
1S-P-(0)

Tgt Ion:168 Resp: 1357567

Ion Ratio Lower Upper

168 100

99 49.8 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

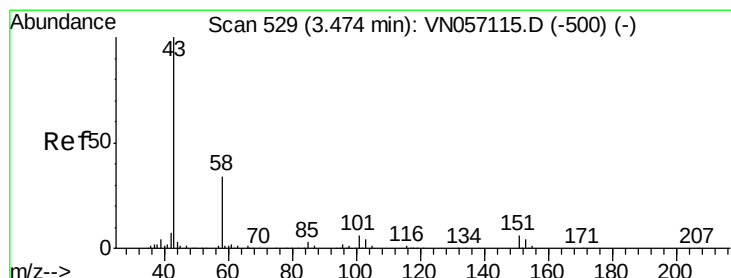
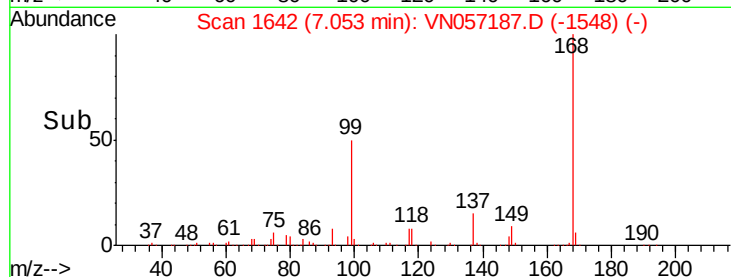
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.832 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057187.D

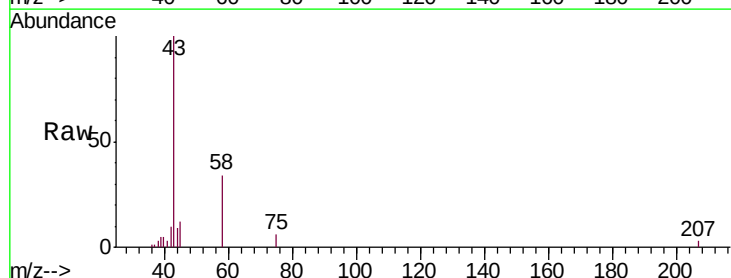
Acq: 11 Aug 2019 15:03

Tgt Ion: 43 Resp: 33025

Ion Ratio Lower Upper

43 100

58 34.1 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

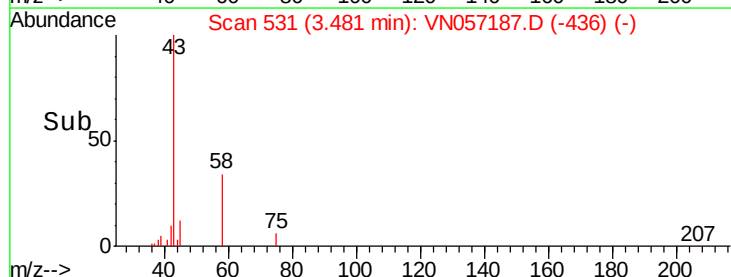
15000

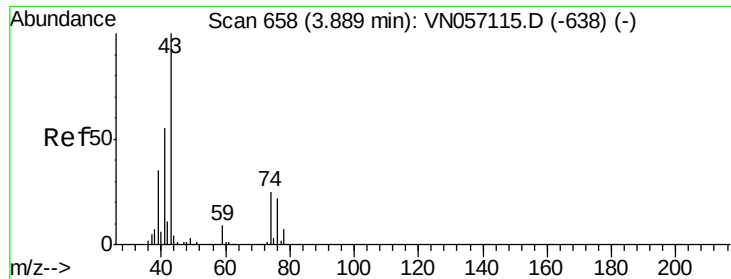
10000

5000

0

Time--> 3.40 3.45 3.50 3.55 3.60

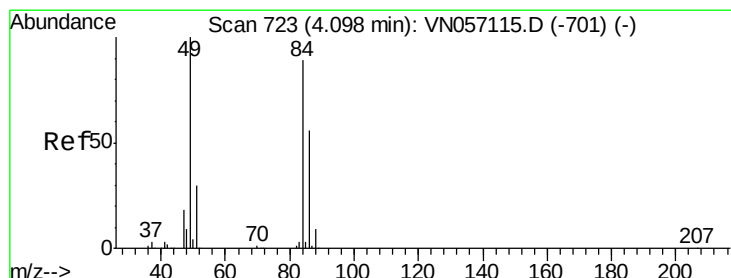
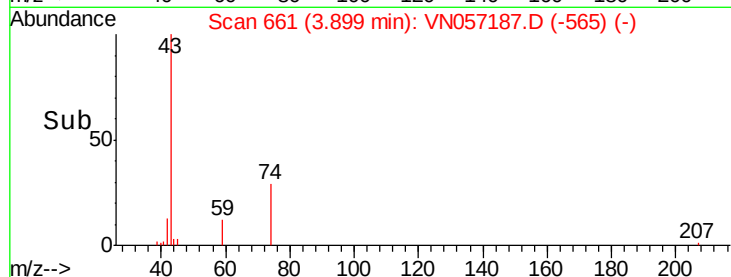
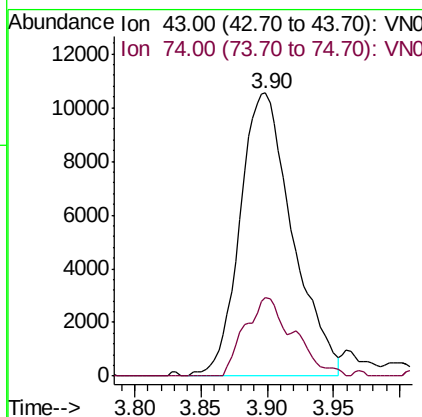
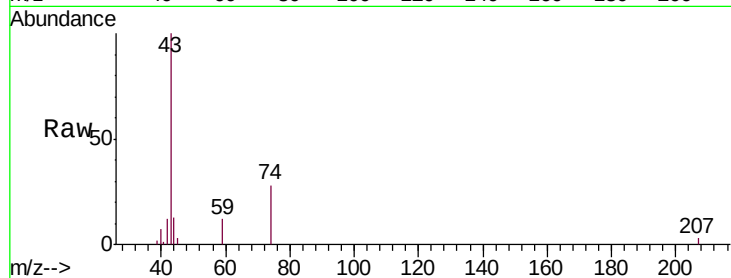




#18
Methyl Acetate
Concen: 1.681 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

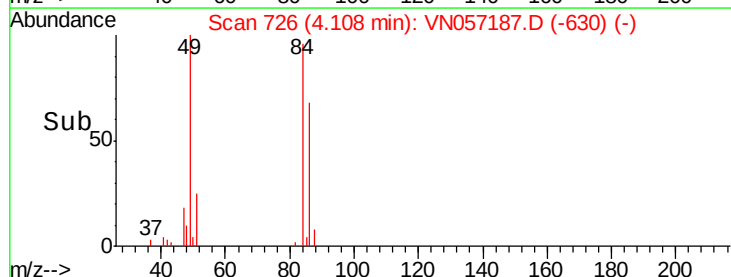
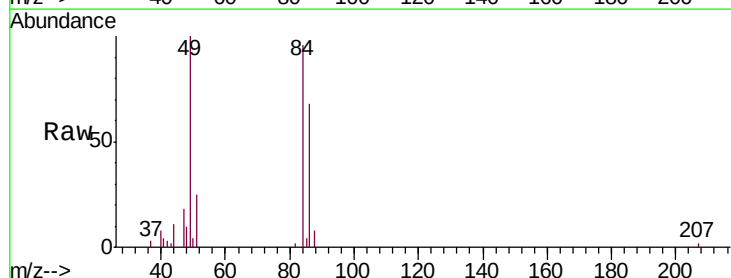
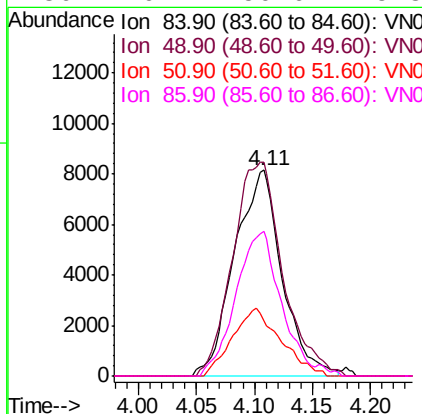
Instrument :
MSVOA_N
ClientSampled :
1S-P-(0)

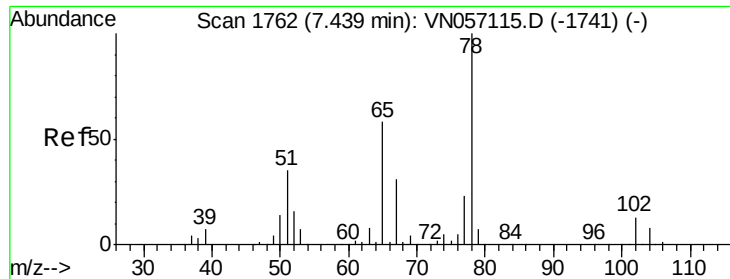
Tgt Ion: 43 Resp: 29095
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.4



#20
Methylene Chloride
Concen: 1.667 ug/l
RT: 4.11 min Scan# 726
Delta R.T. 0.01 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Tgt Ion: 84 Resp: 23192
Ion Ratio Lower Upper
84 100
49 103.8 89.5 134.3
51 26.5 27.2 40.8#
86 70.2 50.6 75.8

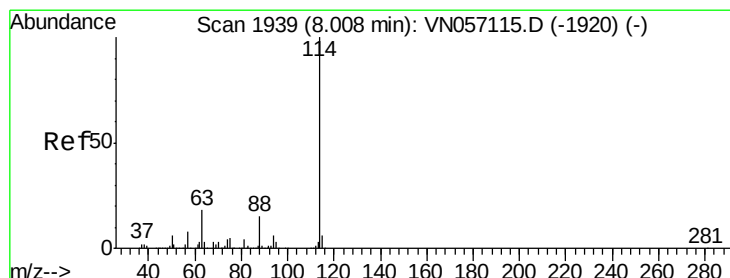
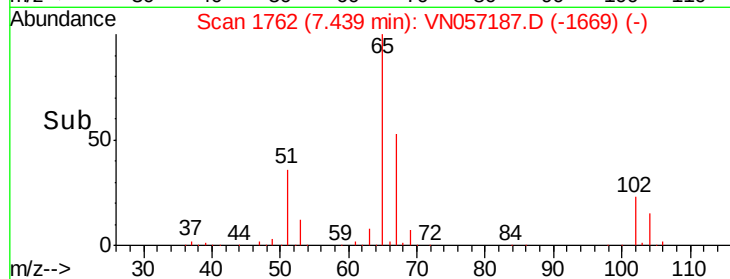
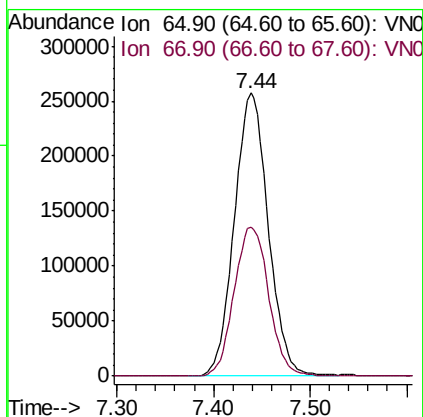
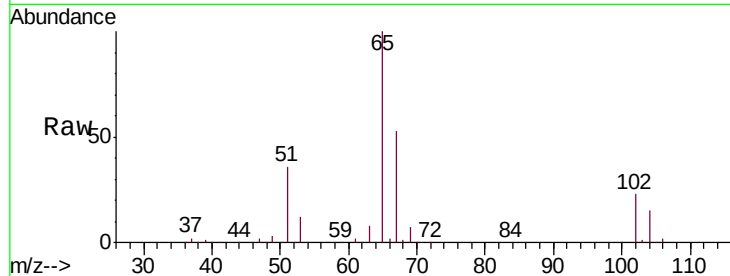




#33
 1,2-Dichloroethane-d4
 Concen: 44.903 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

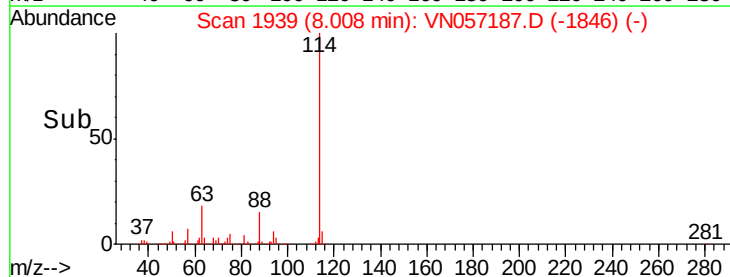
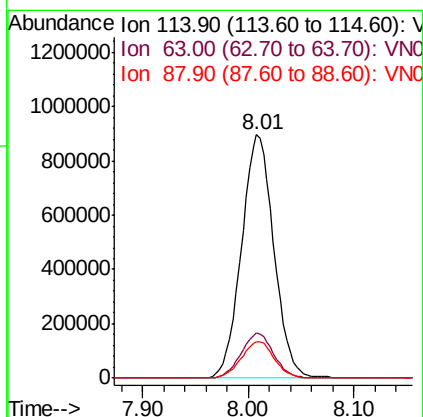
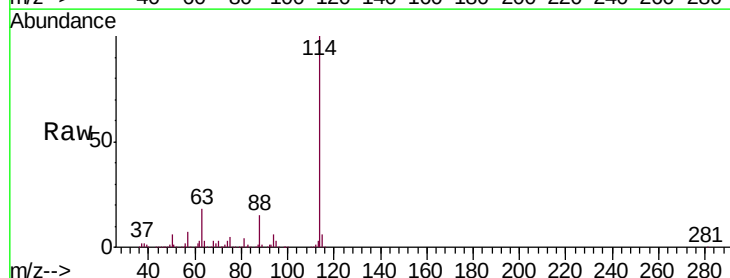
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(0)

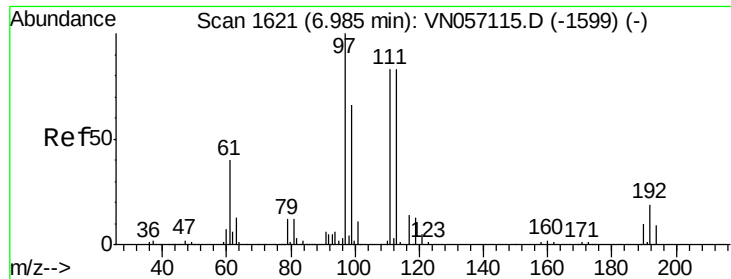
Tgt Ion: 65 Resp: 626924
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion: 114 Resp: 1909899
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 14.9 0.0 30.0

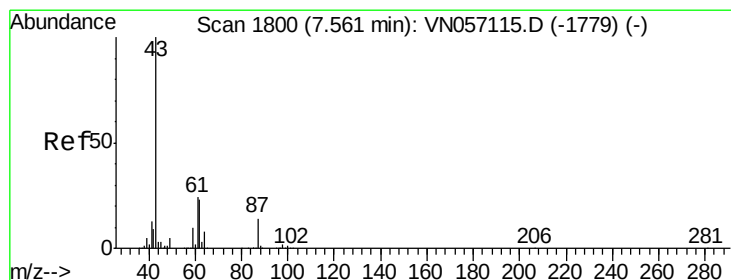
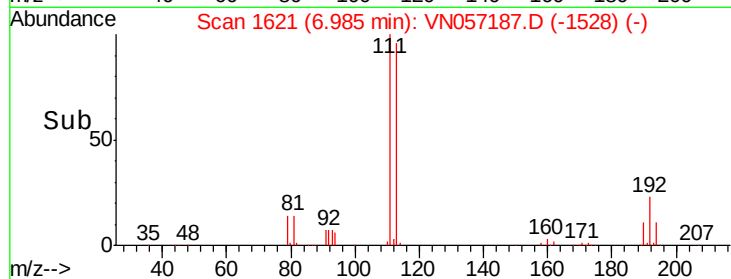
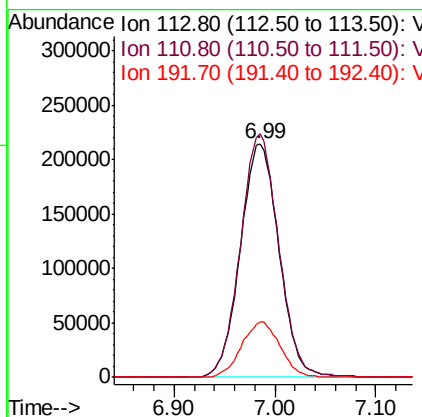
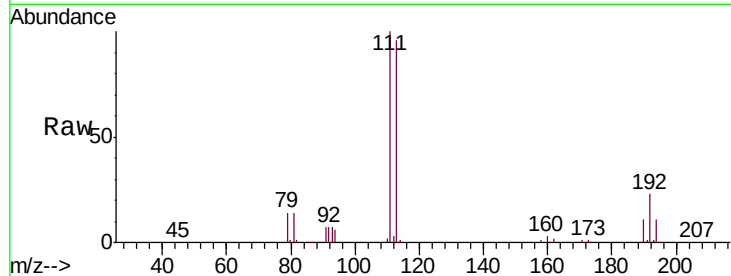




#35
 Dibromofluoromethane
 Concen: 47.632 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

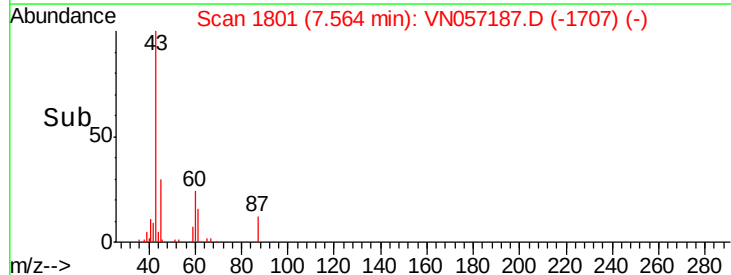
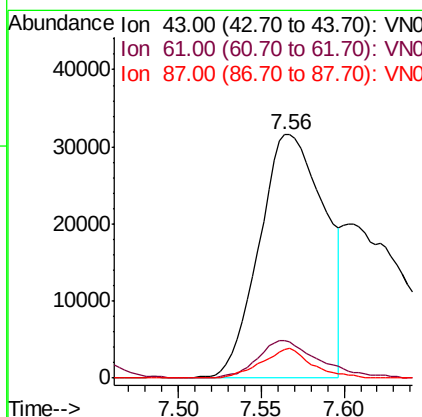
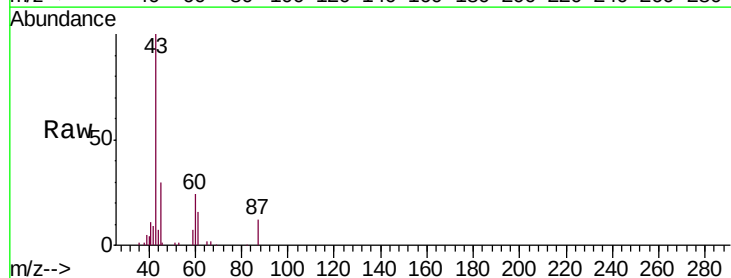
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-P-(0)

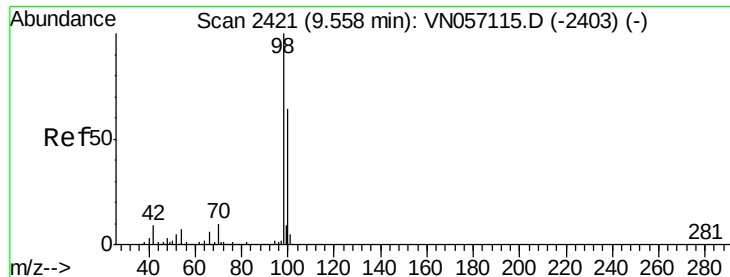
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	23.7	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 3.920 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	24.2	36.2#
87	9.3	11.8	17.8#

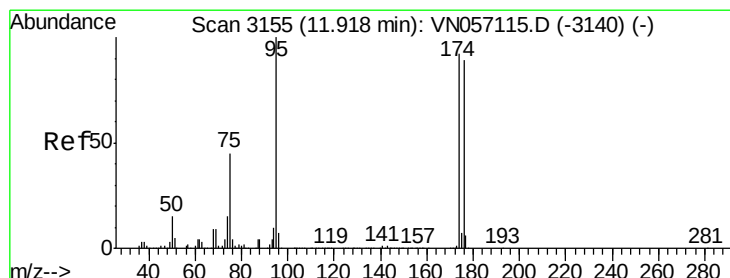
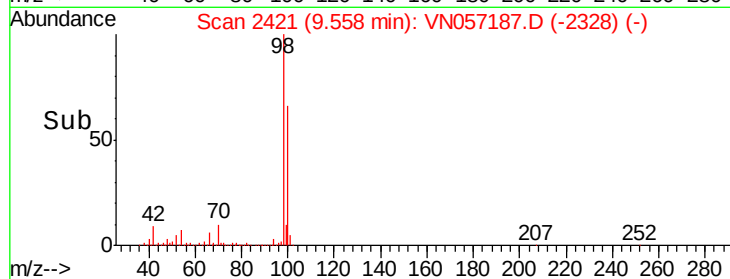
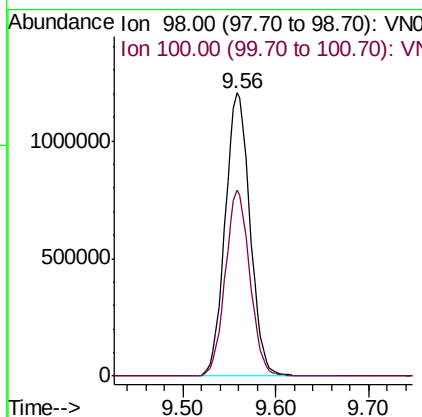
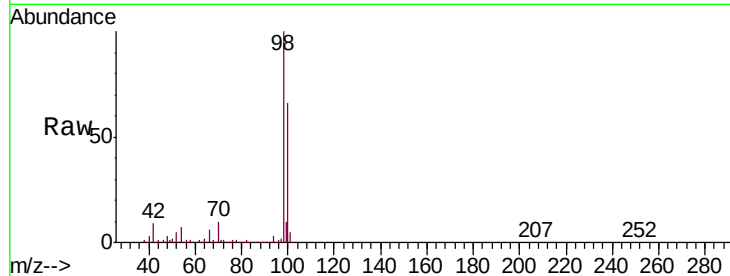




#50
Toluene-d8
Concen: 48.797 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

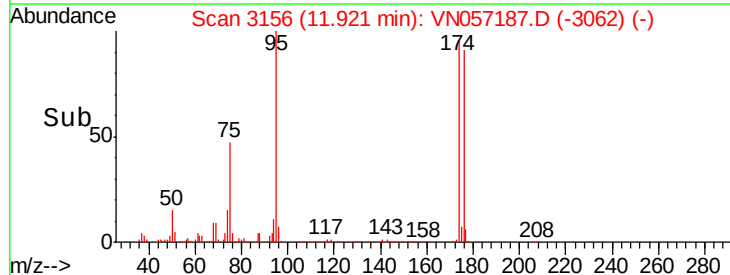
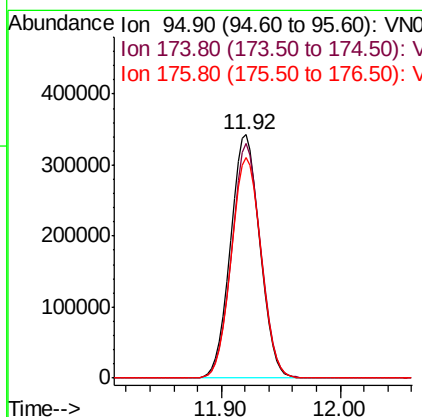
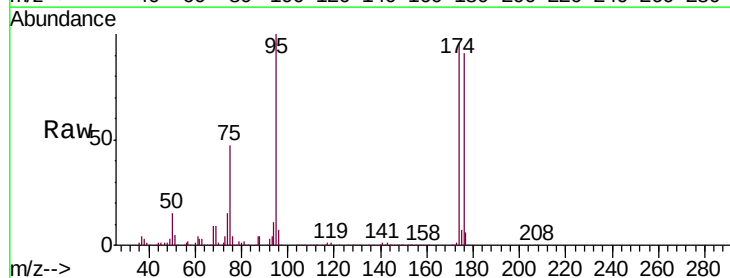
Instrument :
MSVOA_N
ClientSampleId :
1S-P-(0)

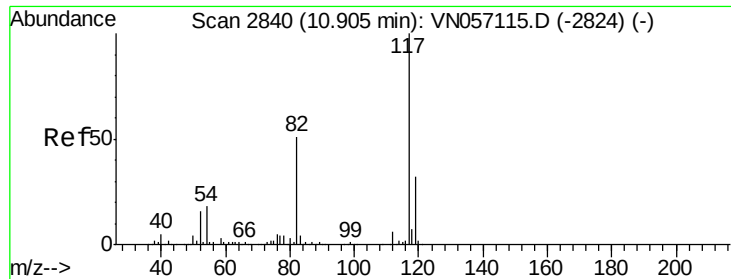
Tgt Ion: 98 Resp: 2237452
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.730 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057187.D
Acq: 11 Aug 2019 15:03

Tgt Ion: 95 Resp: 586974
Ion Ratio Lower Upper
95 100
174 95.0 0.0 185.0
176 92.1 0.0 181.2

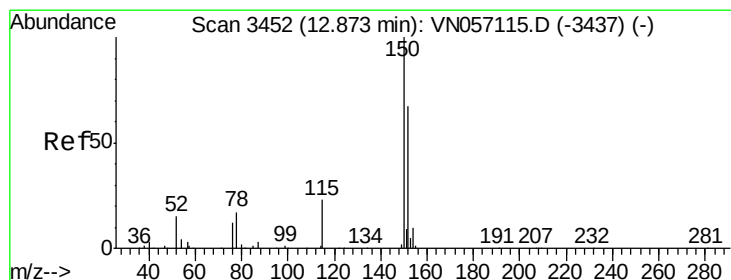
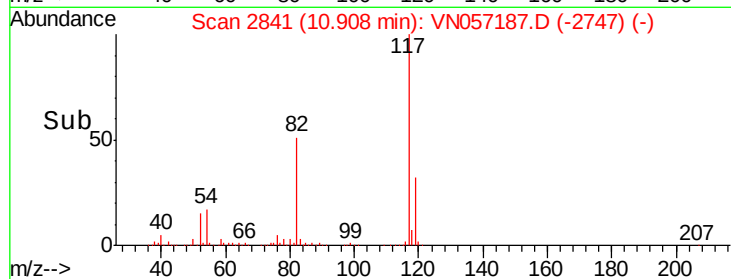
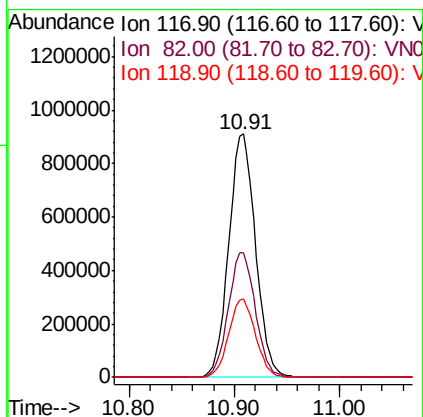
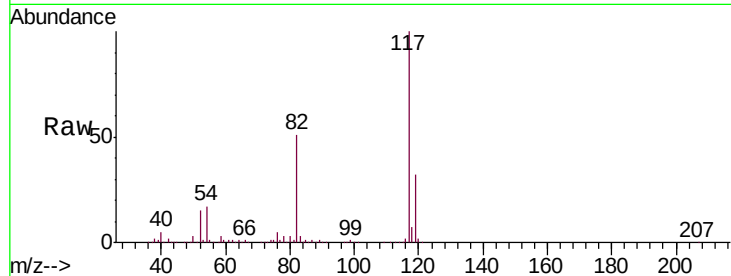




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057187.D
 Acq: 11 Aug 2019 15:03

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

Tgt Ion:117 Resp: 1590227
 Ion Ratio Lower Upper
 117 100
 82 51.2 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: VN057187.D
 Acq: 11 Aug 2019 15:03

Tgt Ion:152 Resp: 416300
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.5 82.5
 150 156.9 0.0 341.6

