

Data File : VN057196.D
Acq On : 11 Aug 2019 18:42
Operator : JC/SP
Sample : K4245-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-27

Quant Time: Aug 12 07:22:48 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

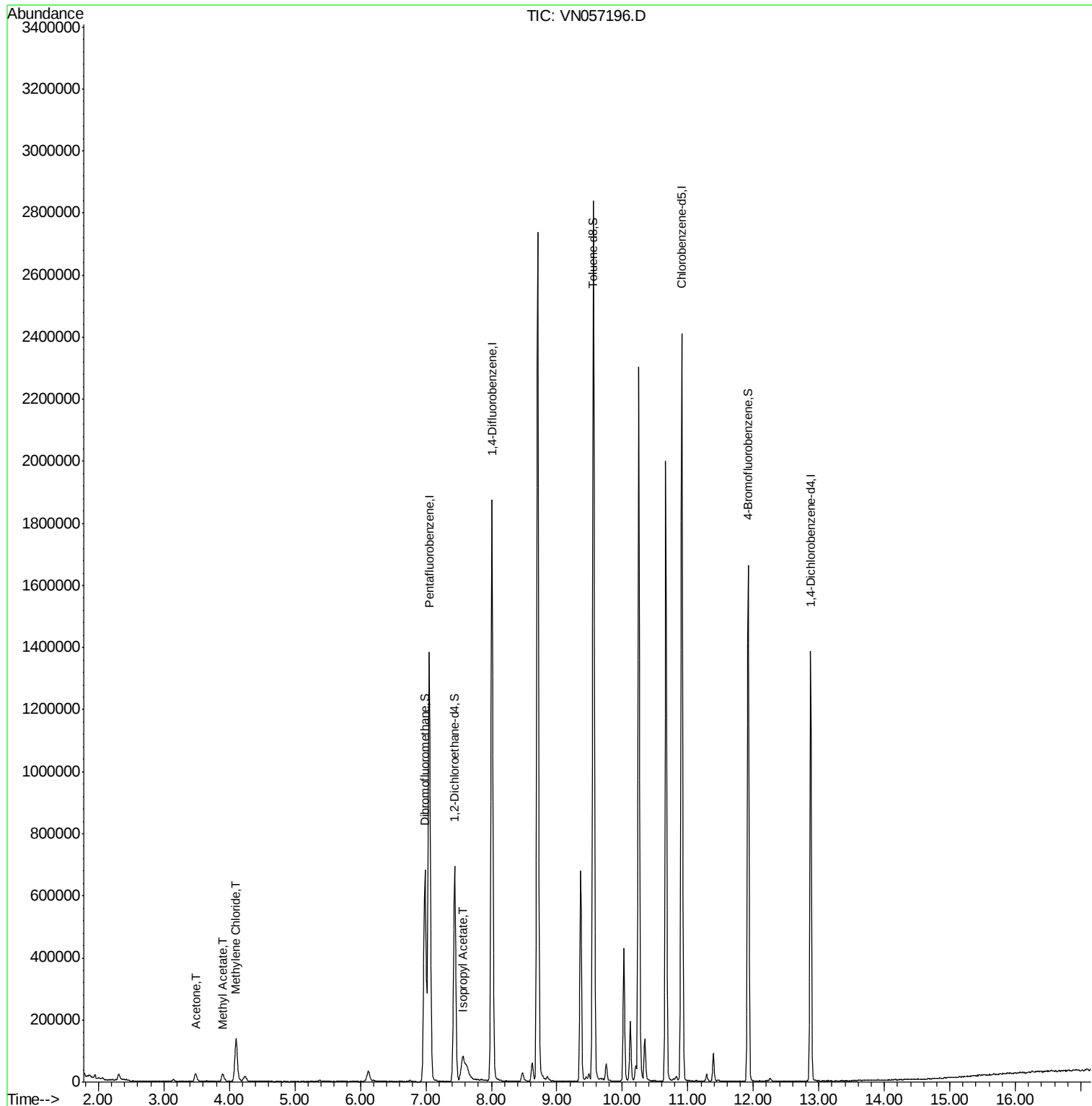
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1310085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1854699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1548124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	409253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	617336	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	6.99	113	557173	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	9.56	98	2164190	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.92	95	576268	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
Target Compounds						
16) Acetone	3.48	43	39329	9.666	ug/l	99
18) Methyl Acetate	3.90	43	44514	3.055	ug/l	99
20) Methylene Chloride	4.10	84	103944	7.740	ug/l	97
43) Isopropyl Acetate	7.57	43	130065	6.055	ug/l #	68

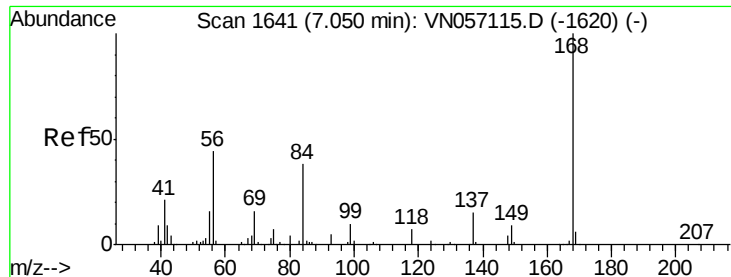
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

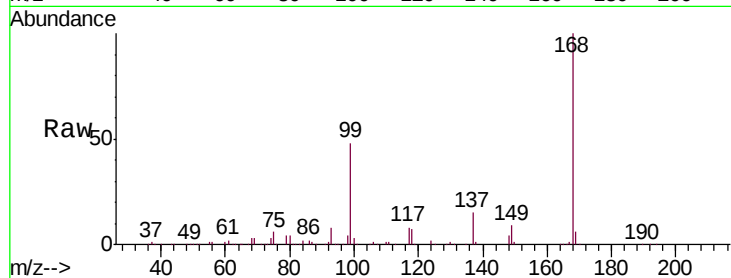
COMP-27

Tgt Ion:168 Resp: 1310085

Ion Ratio Lower Upper

168 100

99 47.6 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

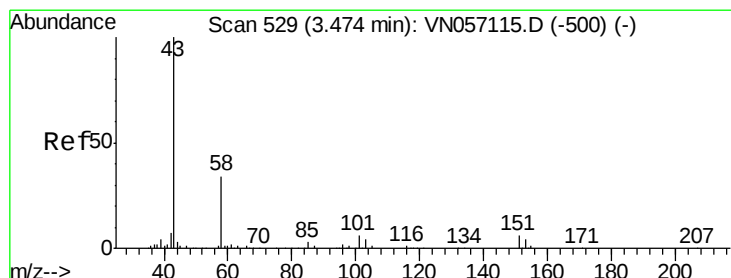
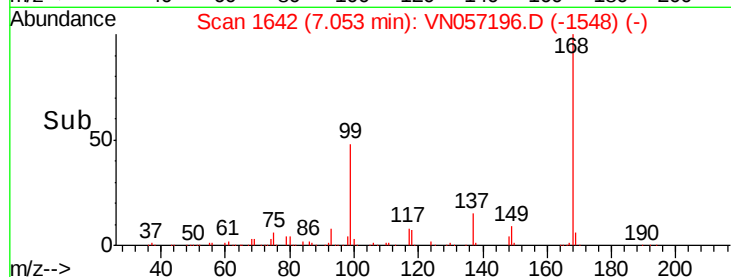
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.666 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057196.D

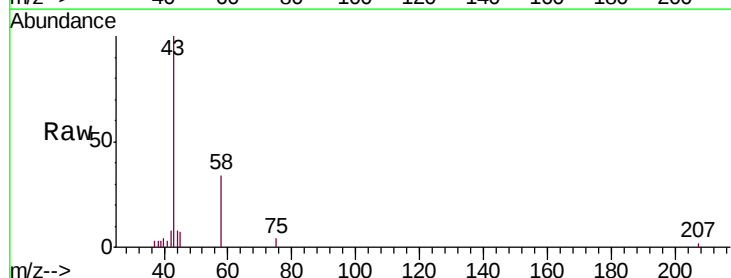
Acq: 11 Aug 2019 18:42

Tgt Ion: 43 Resp: 39329

Ion Ratio Lower Upper

43 100

58 33.8 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

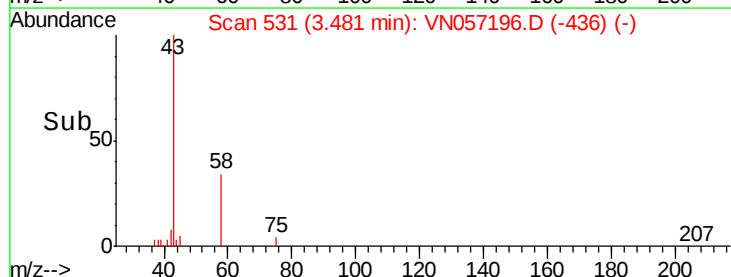
15000

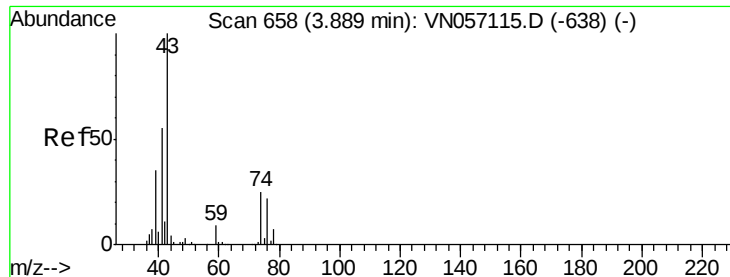
10000

5000

0

Time-->

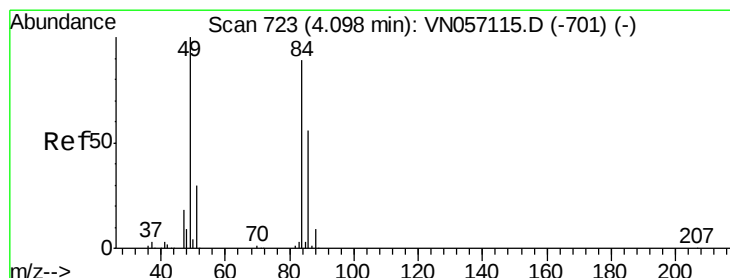
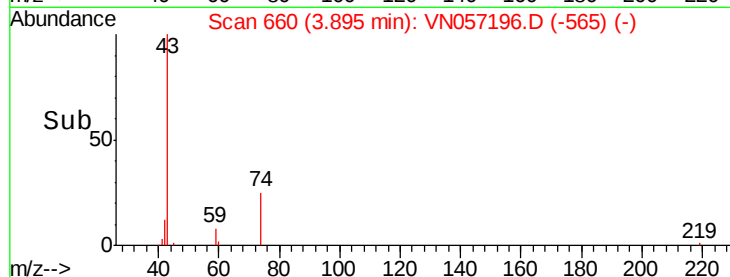
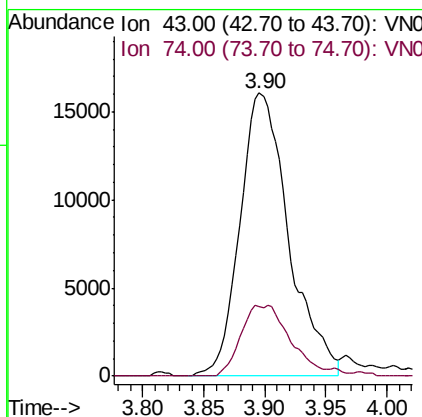
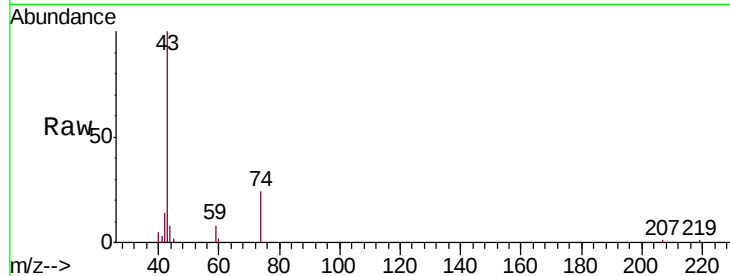




#18
Methyl Acetate
Concen: 3.055 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057196.D
Acq: 11 Aug 2019 18:42

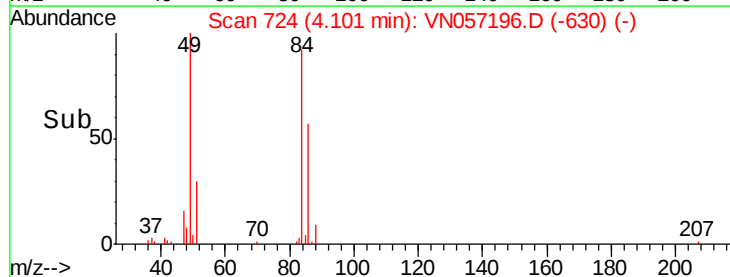
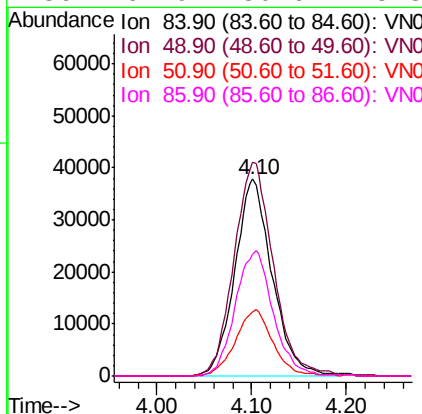
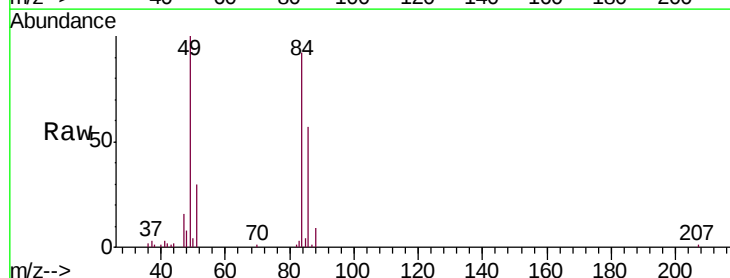
Instrument :
MSVOA_N
ClientSampleId :
COMP-27

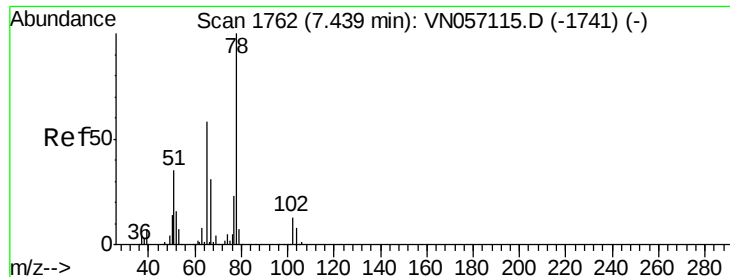
Tgt Ion: 43 Resp: 44514
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.4



#20
Methylene Chloride
Concen: 7.740 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057196.D
Acq: 11 Aug 2019 18:42

Tgt Ion: 84 Resp: 103944
Ion Ratio Lower Upper
84 100
49 108.5 89.5 134.3
51 32.5 27.2 40.8
86 61.9 50.6 75.8

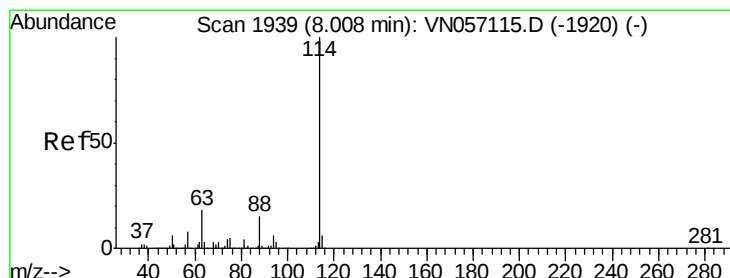
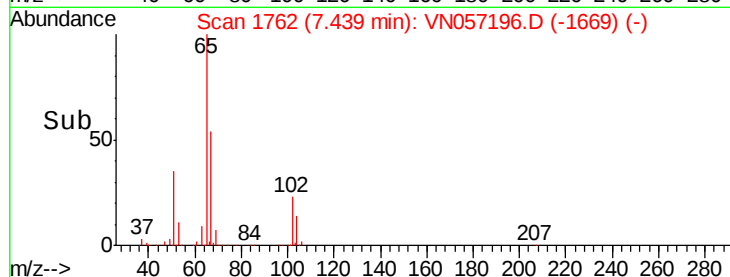
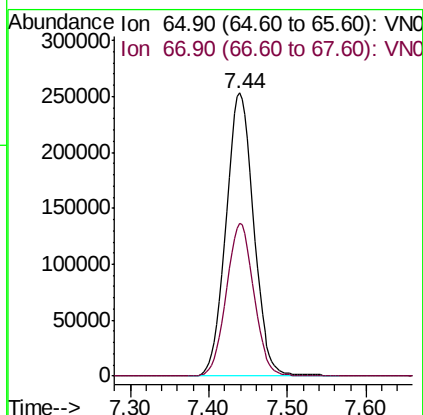
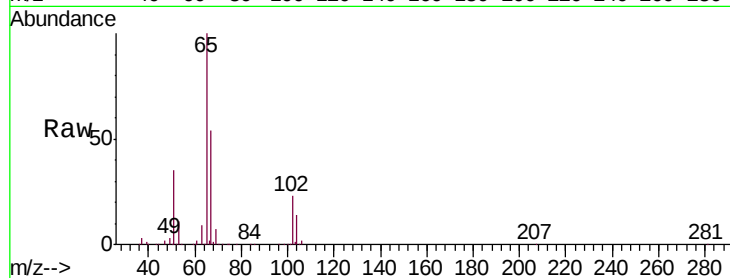




#33
 1,2-Dichloroethane-d4
 Concen: 45.819 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057196.D
 Acq: 11 Aug 2019 18:42

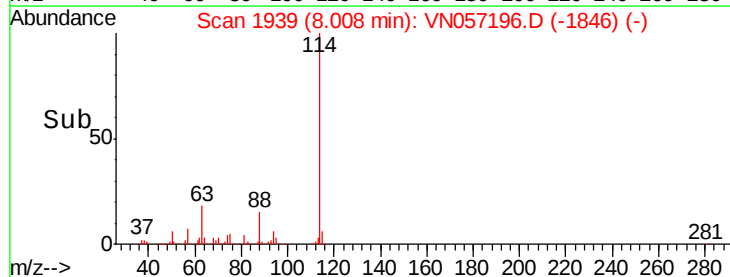
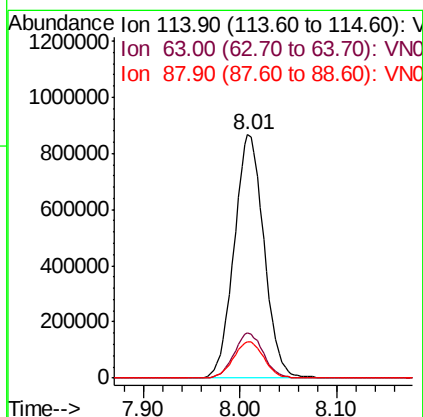
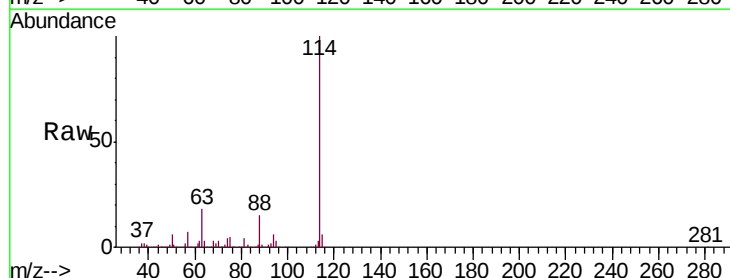
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-27

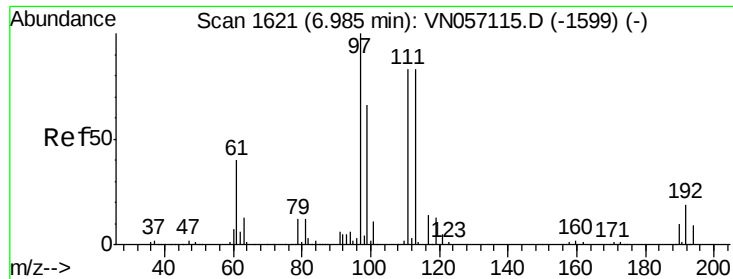
Tgt Ion: 65 Resp: 617336
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057196.D
 Acq: 11 Aug 2019 18:42

Tgt Ion: 114 Resp: 1854699
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.1 0.0 30.0

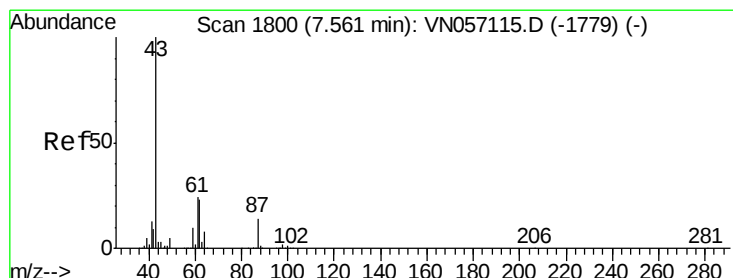
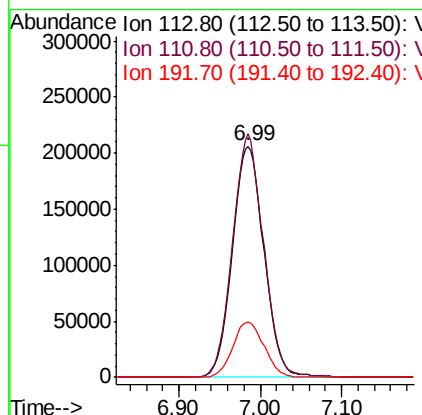
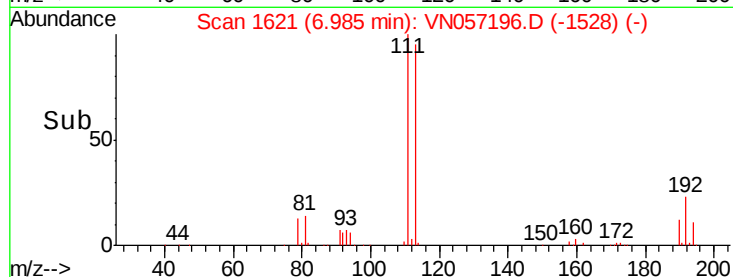
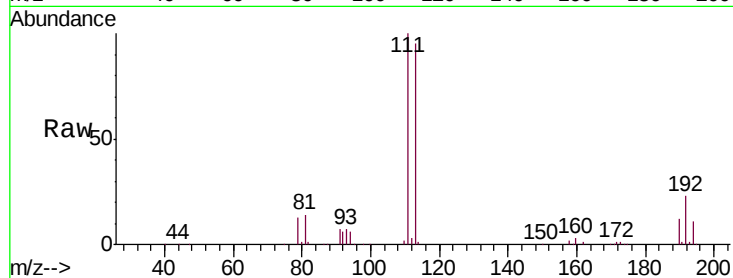




#35
 Dibromofluoromethane
 Concen: 47.873 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057196.D
 Acq: 11 Aug 2019 18:42

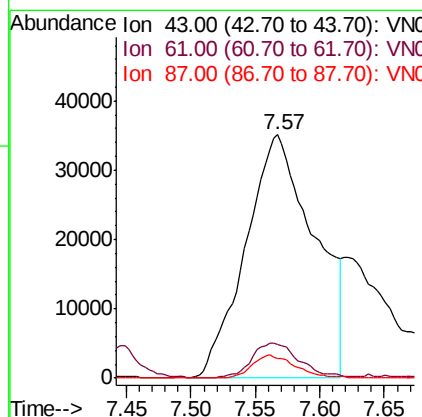
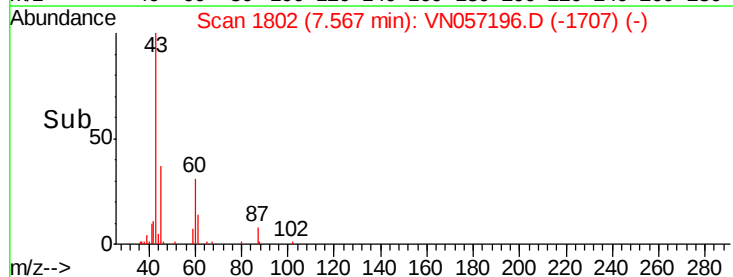
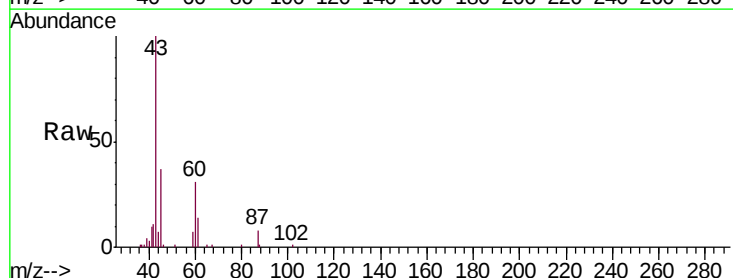
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-27

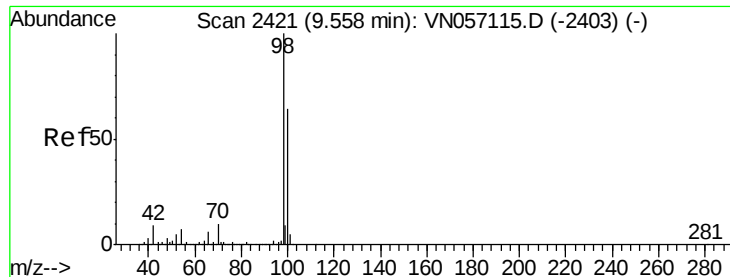
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	23.7	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 6.055 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: VN057196.D
 Acq: 11 Aug 2019 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.0	24.2	36.2#
87	5.9	11.8	17.8#





#50

Toluene-d8

Concen: 48.604 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057196.D

Acq: 11 Aug 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

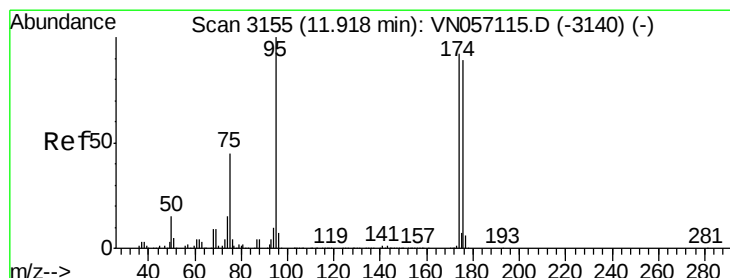
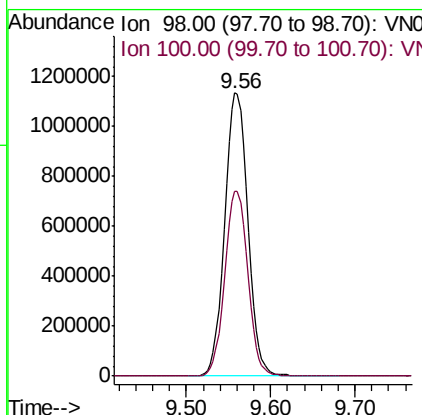
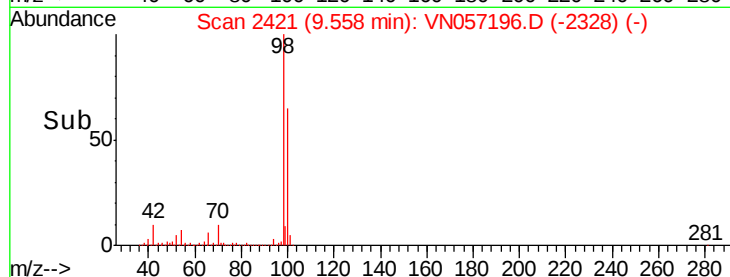
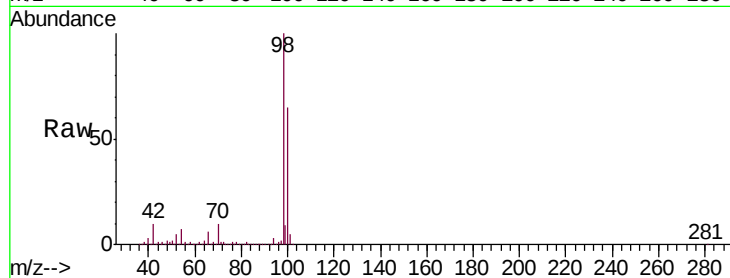
COMP-27

Tgt Ion: 98 Resp: 2164190

Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.167 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057196.D

Acq: 11 Aug 2019 18:42

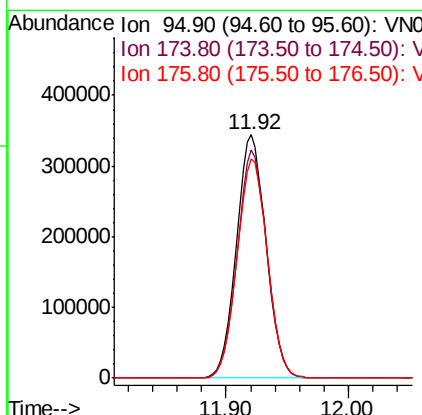
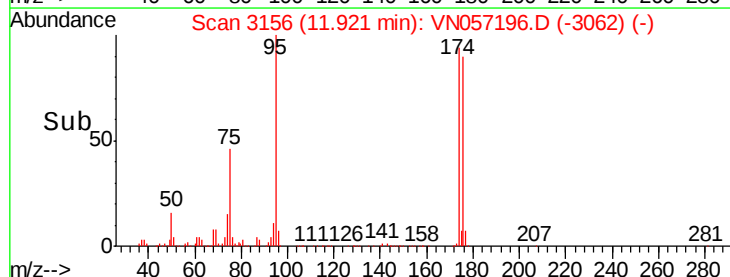
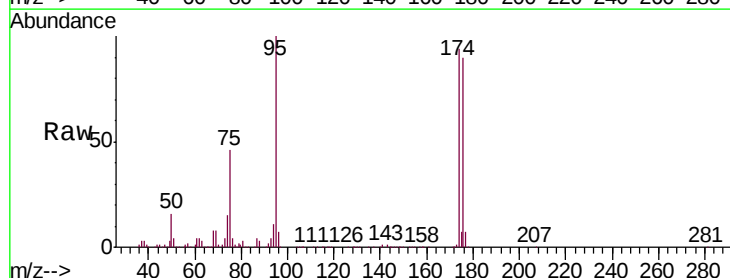
Tgt Ion: 95 Resp: 576268

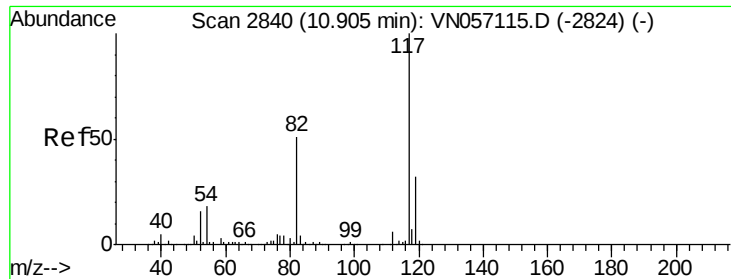
Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

176 91.7 0.0 181.2

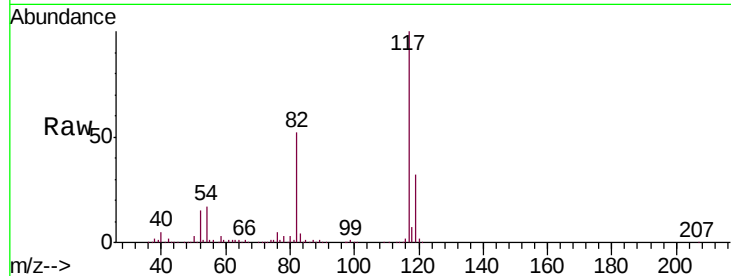




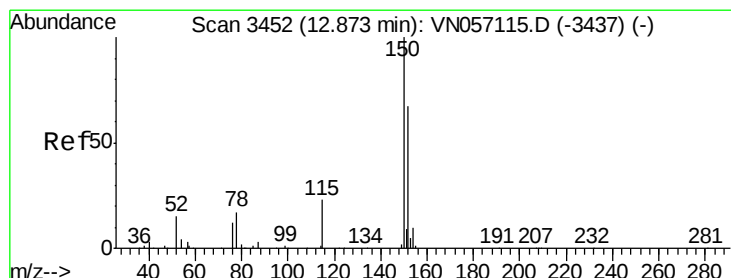
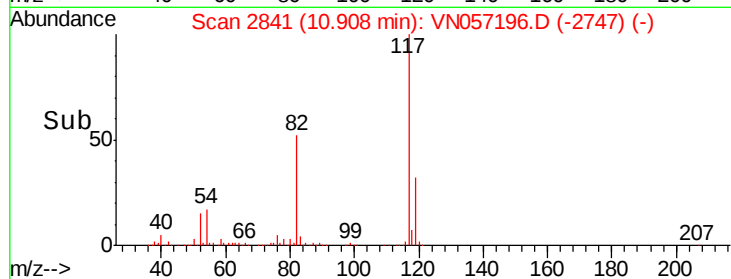
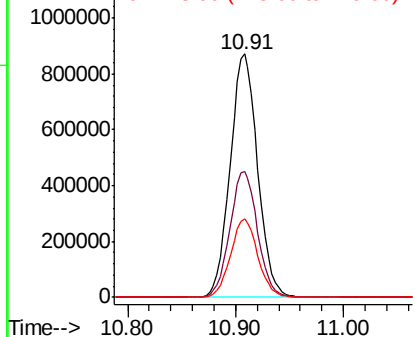
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057196.D
Acq: 11 Aug 2019 18:42

Instrument :
MSVOA_N
ClientSampled :
COMP-27

Tgt Ion:117 Resp: 1548124
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.2 25.7 38.5

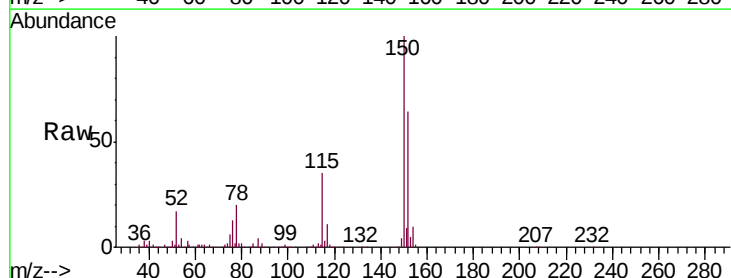


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057196.D
Acq: 11 Aug 2019 18:42

Tgt Ion:152 Resp: 409253
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.5
150 155.5 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

