

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005339.D
 Acq On : 12 Sep 2018 21:05
 Operator : SY/AP
 Sample : J4873-01
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NF-CON-1

Quant Time: Sep 13 01:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	377675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	576004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	606731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	327893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	135791	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	2076	0.69	ug/l	0.00
Spiked Amount			Recovery	=	1.38%	
50) Toluene-d8	10.33	98	586421	38.46	ug/l	0.00
Spiked Amount			Recovery	=	76.92%	
62) 4-Bromofluorobenzene	12.62	95	235158	42.17	ug/l	0.00
Spiked Amount			Recovery	=	84.34%	

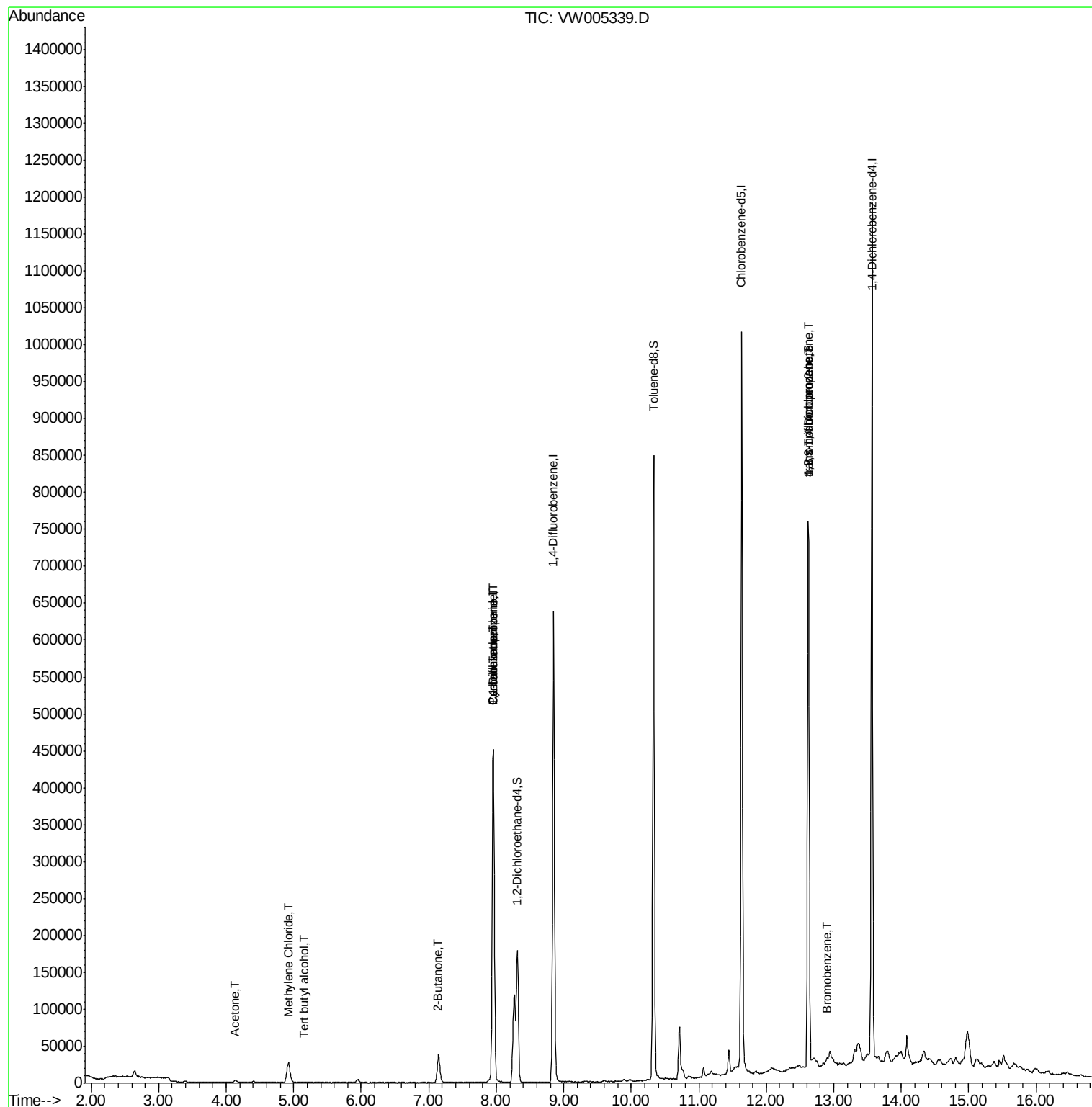
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	659	Below Cal	#	58
11) Tert butyl alcohol	5.16	59	725	3.138	ug/l #	73
16) Acetone	4.13	43	6112	11.689	ug/l	100
20) Methylene Chloride	4.92	84	24210	3.144	ug/l	90
25) 2-Butanone	7.13	43	1575	1.910	ug/l #	58
31) Cyclohexane	7.95	56	6102	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	24328	4.610	ug/l #	48
38) Carbon Tetrachloride	7.96	117	33354	6.747	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	107728	42.715	ug/l #	100
77) Bromobenzene	12.91	156	8299	1.521	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	107728	100.177	ug/l #	16

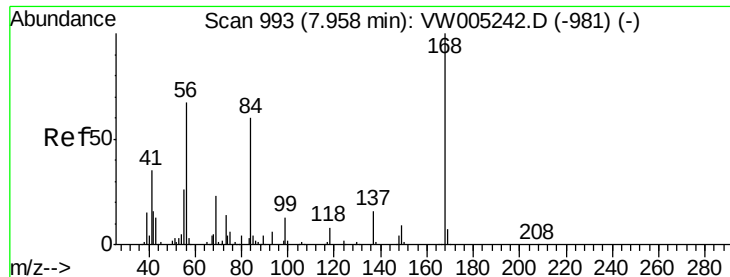
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005339.D

Acq: 12 Sep 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

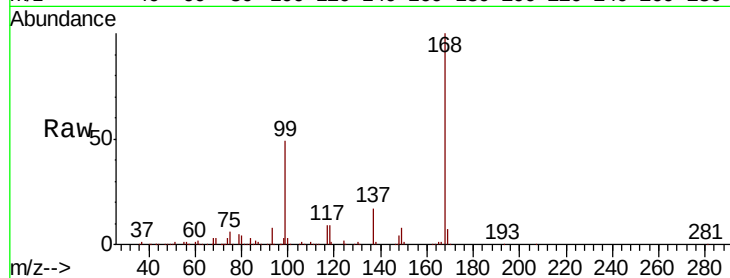
NF-CON-1

Tgt Ion:168 Resp: 377675

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

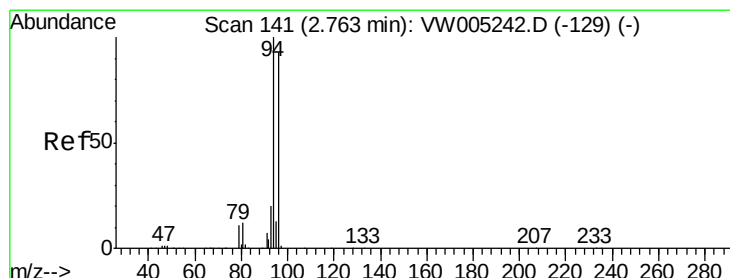
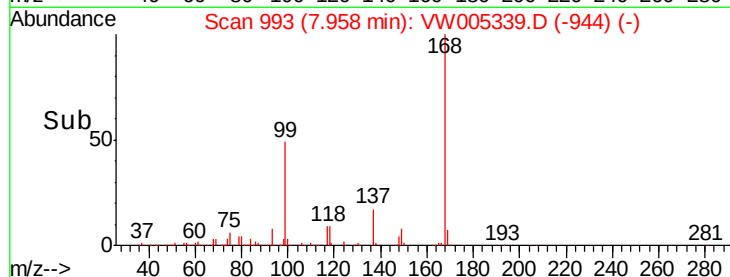
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW005339.D

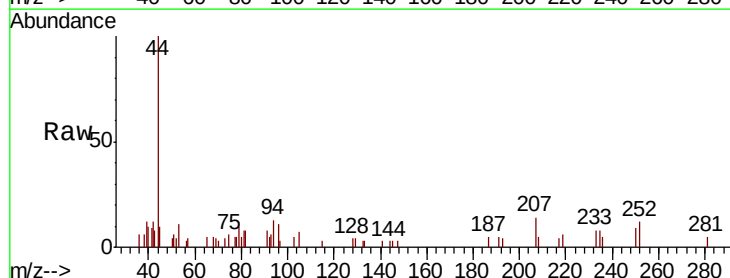
Acq: 12 Sep 2018 21:05

Tgt Ion: 94 Resp: 659

Ion Ratio Lower Upper

94 100

96 52.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

250

200

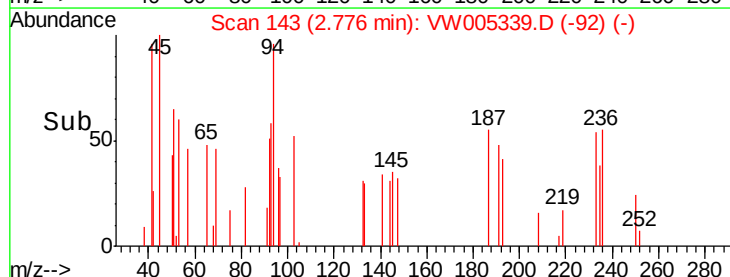
150

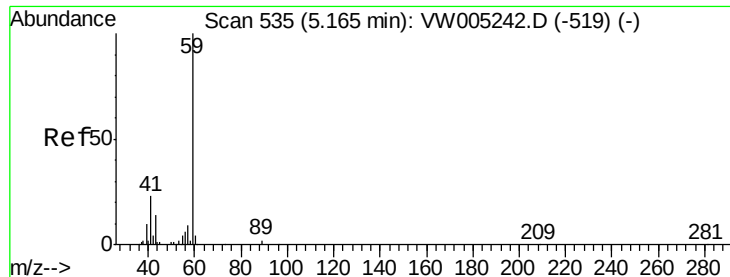
100

50

0

Time--> 2.70 2.75 2.80 2.85

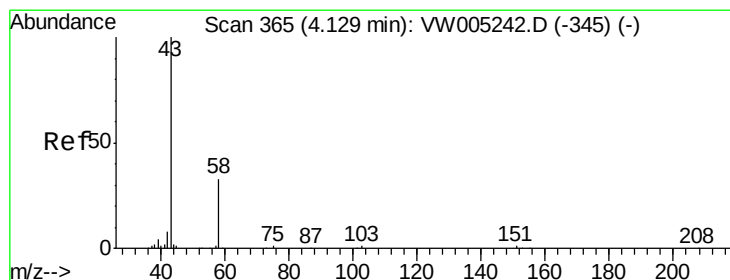
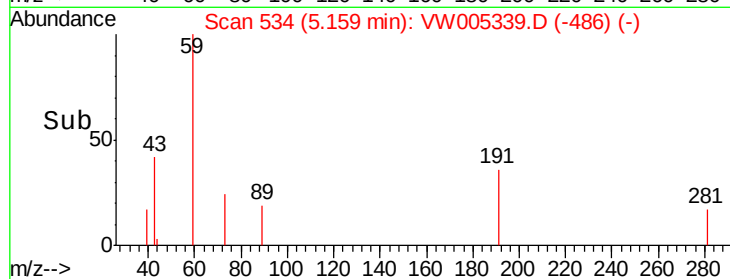
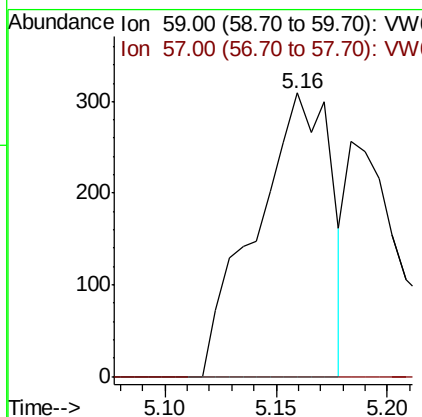
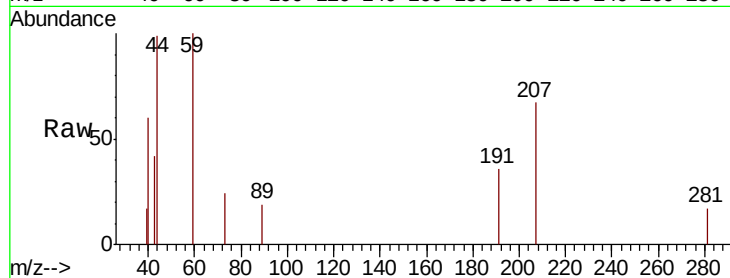




#11
Tert butyl alcohol
Concen: 3.138 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

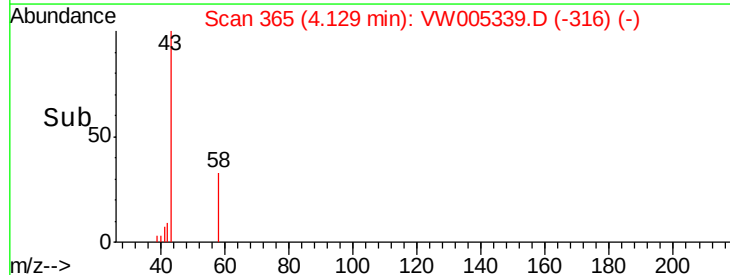
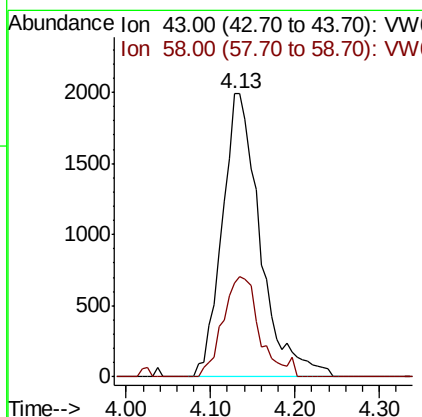
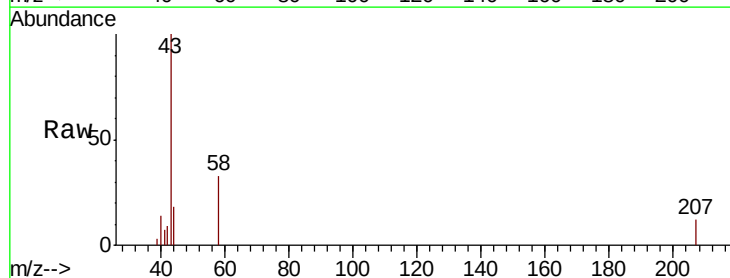
Instrument :
MSVOA_W
ClientSampleId :
NF-CON-1

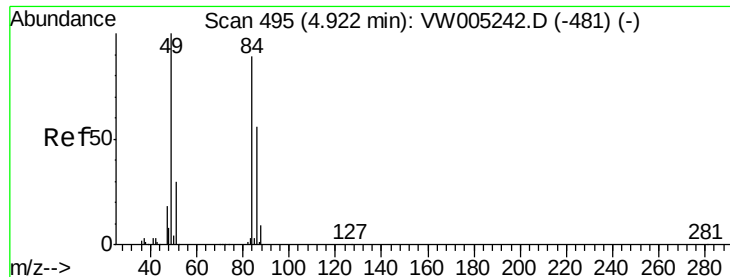
Tgt Ion: 59 Resp: 725
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 11.689 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

Tgt Ion: 43 Resp: 6112
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1

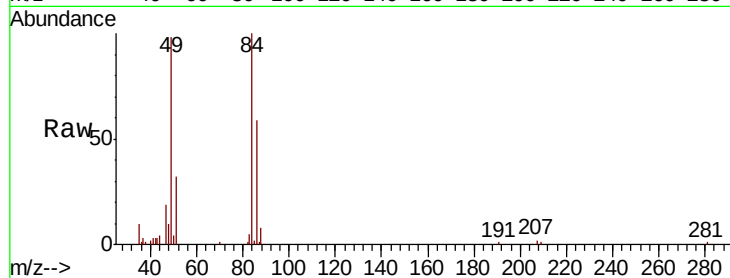




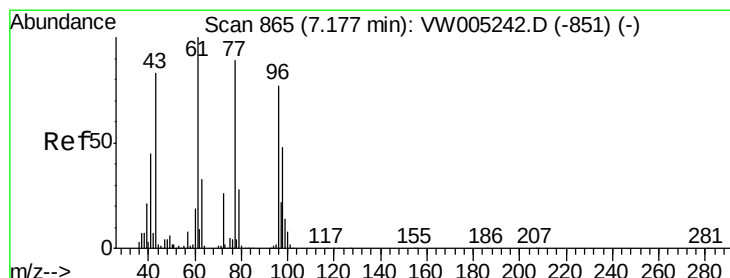
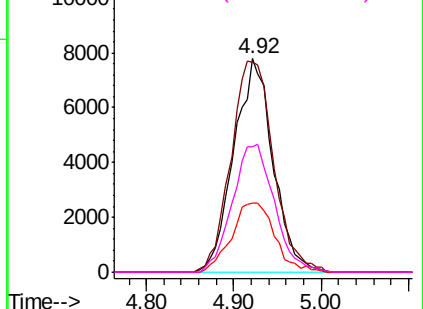
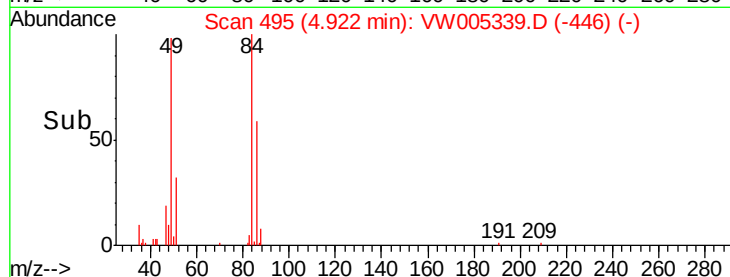
#20
Methylene Chloride
Concen: 3.144 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
NF-CON-1

Tgt Ion:	84	Resp:	24210
Ion	Ratio	Lower	Upper
84	100		
49	98.1	90.3	135.5
51	32.4	26.9	40.3
86	58.6	50.8	76.2

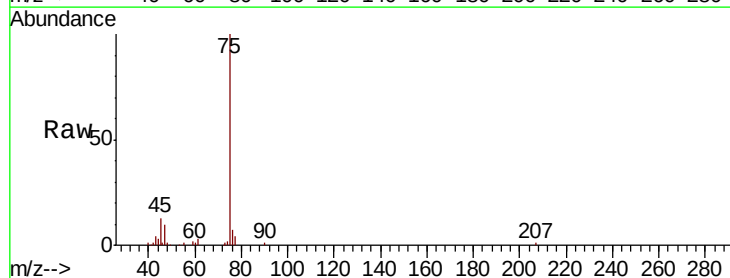


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

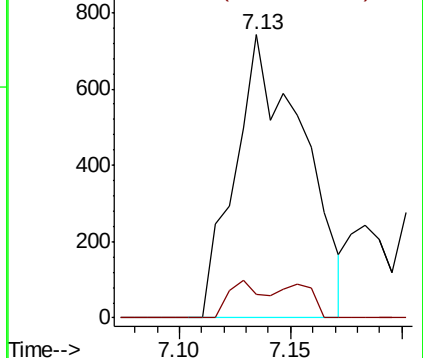
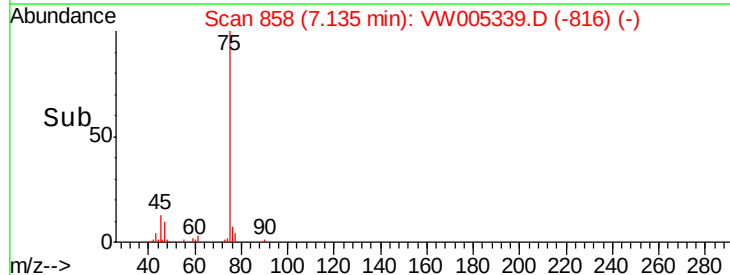


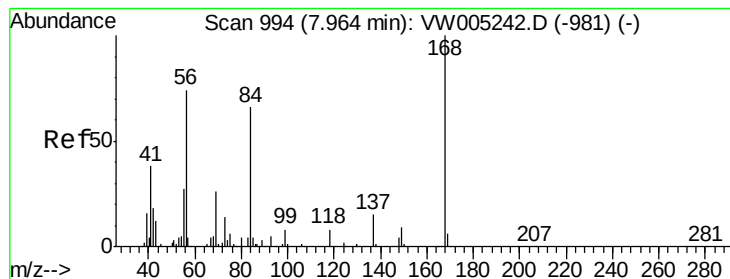
#25
2-Butanone
Concen: 1.910 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

Tgt Ion:	43	Resp:	1575
Ion	Ratio	Lower	Upper
43	100		
72	8.2	25.0	37.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005339.D

Acq: 12 Sep 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

NF-CON-1

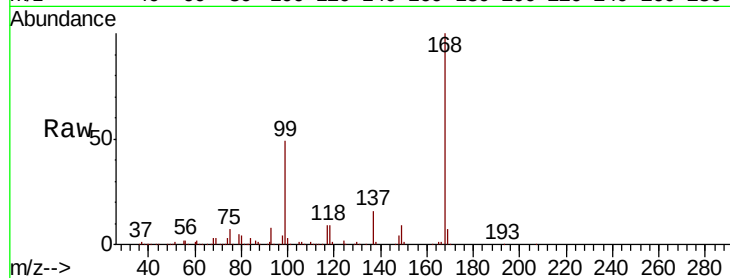
Tgt Ion: 56 Resp: 6102

Ion Ratio Lower Upper

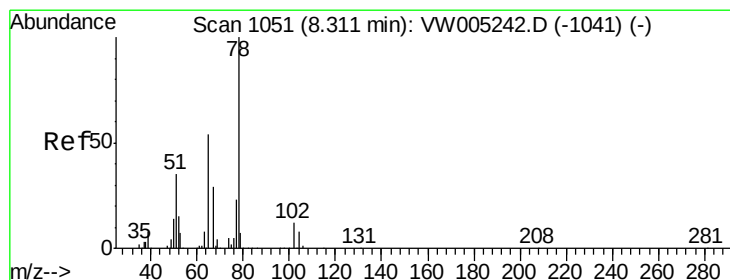
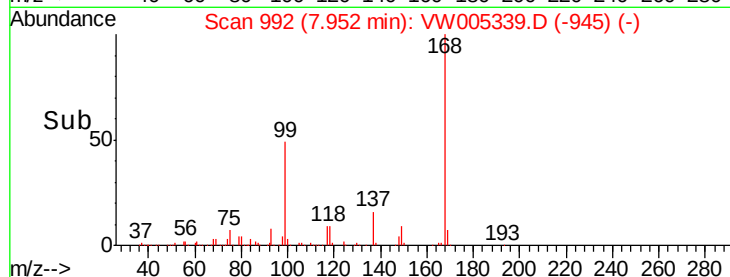
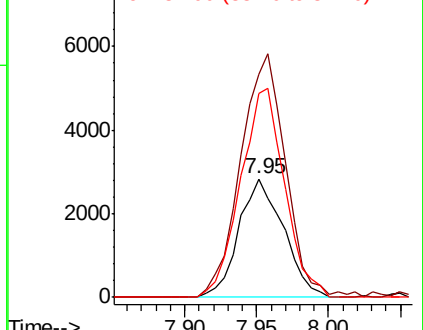
56 100

69 188.6 27.8 41.8#

84 172.4 72.1 108.1#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 48.205 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005339.D

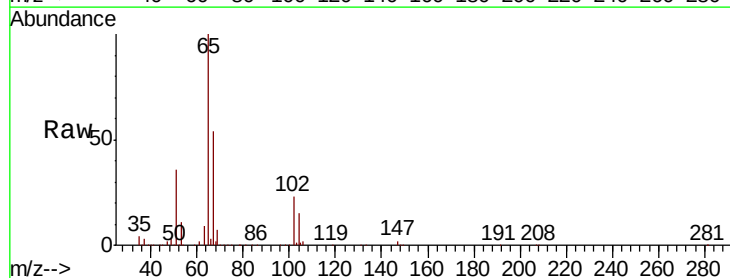
Acq: 12 Sep 2018 21:05

Tgt Ion: 65 Resp: 135791

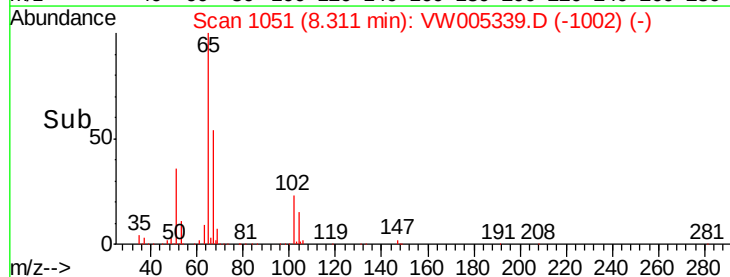
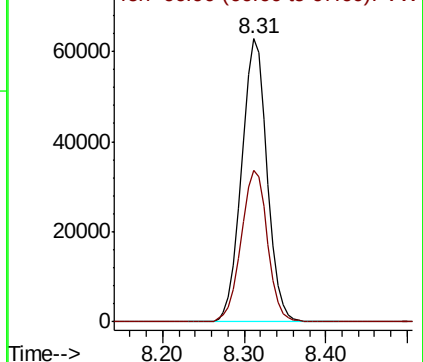
Ion Ratio Lower Upper

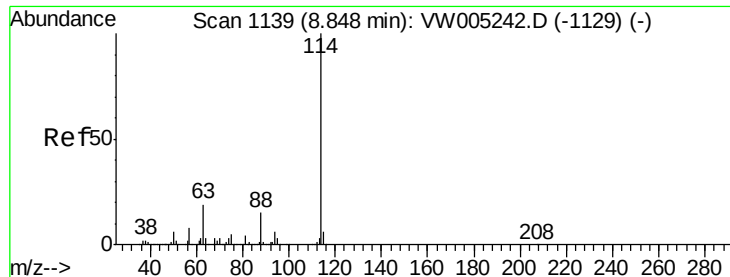
65 100

67 55.5 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

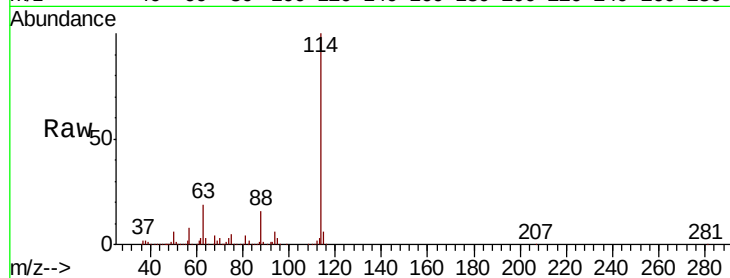




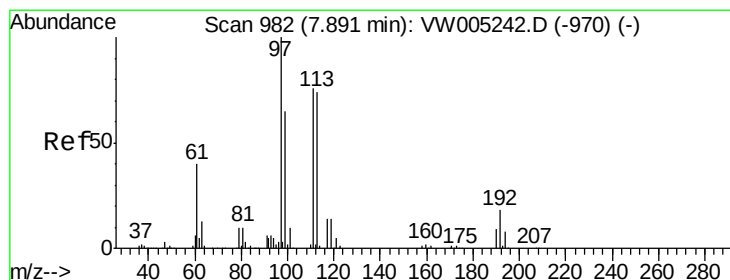
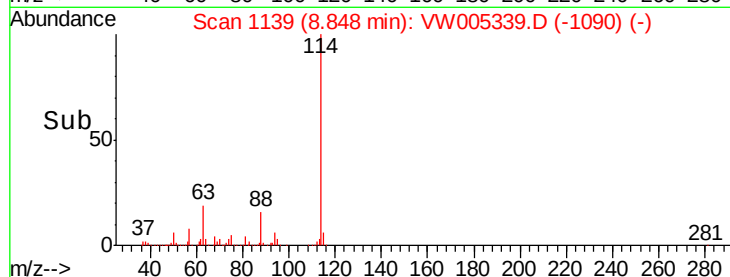
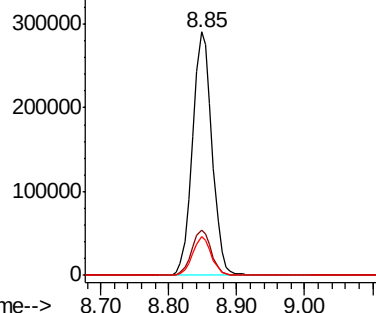
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 NF-CON-1

Tgt Ion:114 Resp: 576004
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 15.7 0.0 30.4

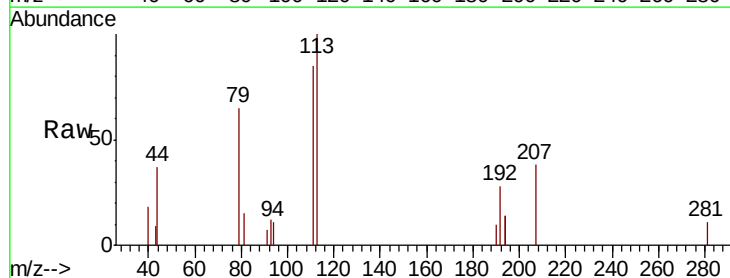


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

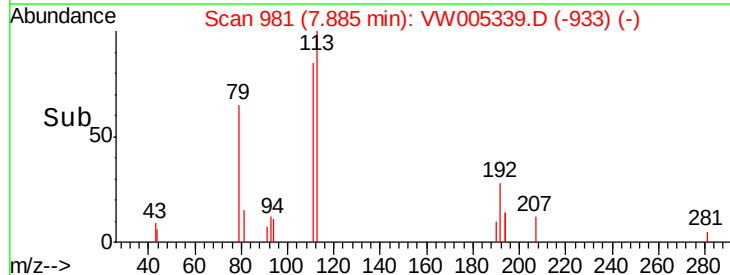
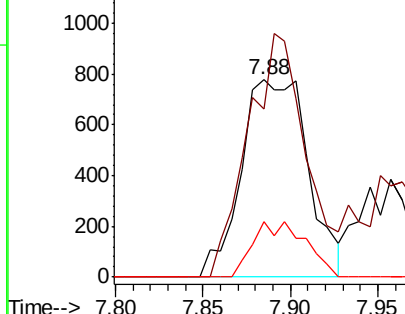


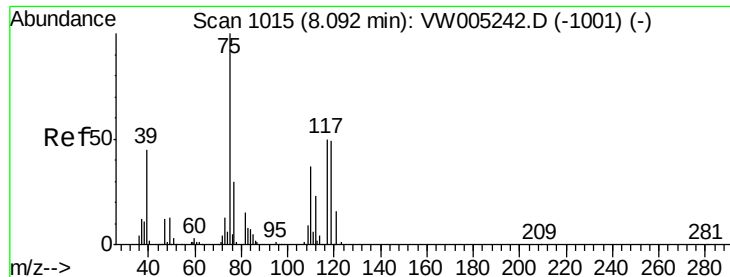
#35
 Dibromofluoromethane
 Concen: 0.688 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

Tgt Ion:113 Resp: 2076
 Ion Ratio Lower Upper
 113 100
 111 106.5 80.6 121.0
 192 21.8 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

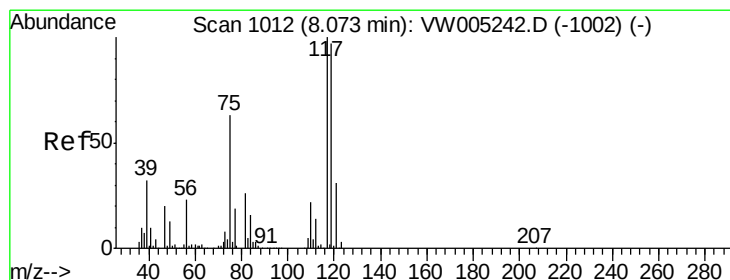
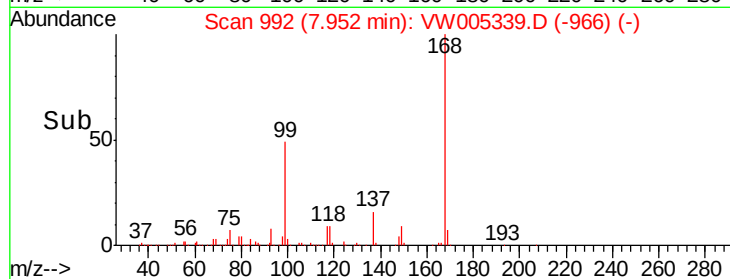
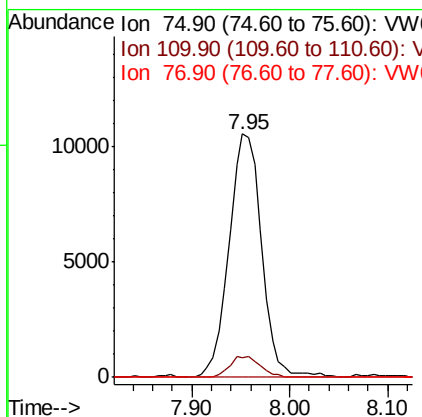
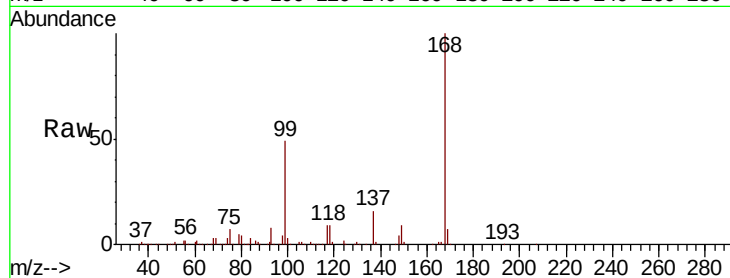




#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

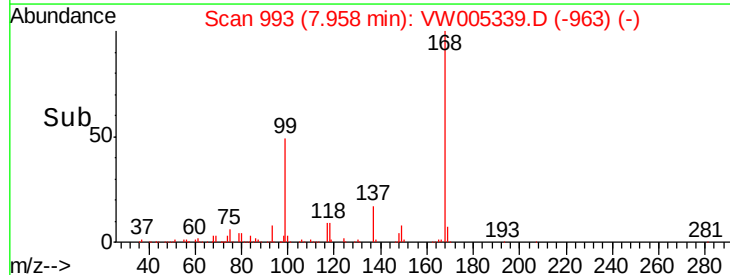
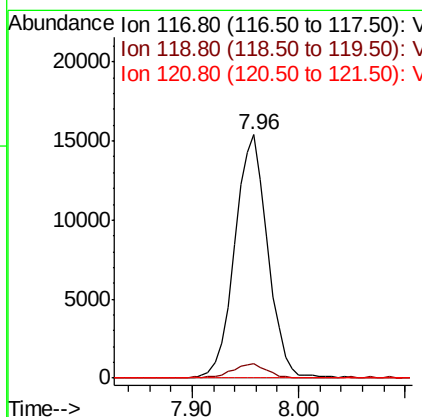
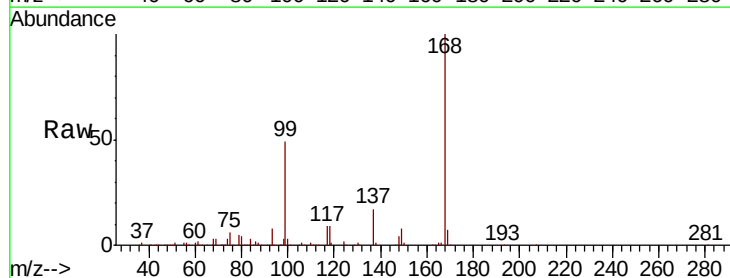
Instrument :
 MSVOA_W
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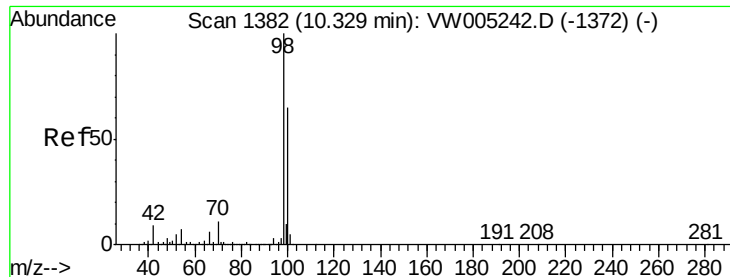
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.8	56.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.747 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 38.461 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005339.D

Acq: 12 Sep 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

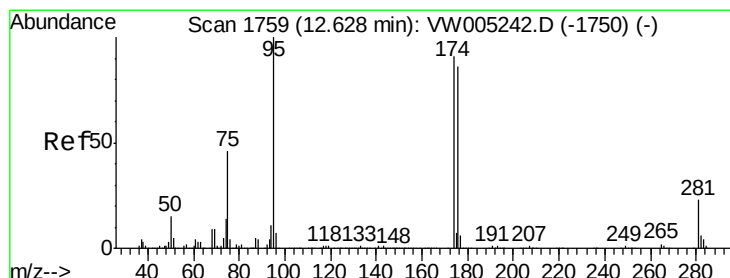
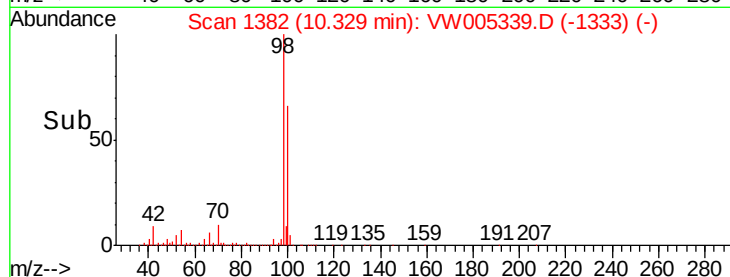
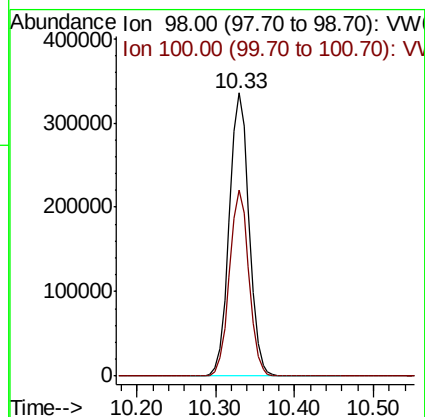
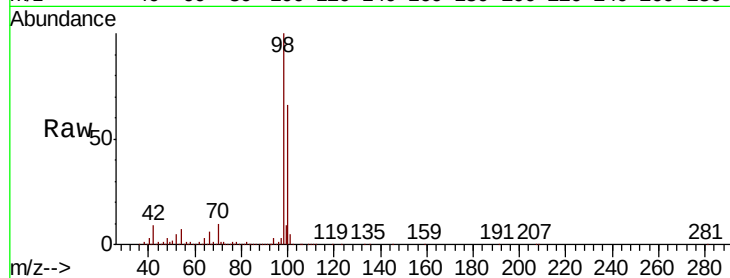
NF-CON-1

Tgt Ion: 98 Resp: 586421

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005339.D

Acq: 12 Sep 2018 21:05

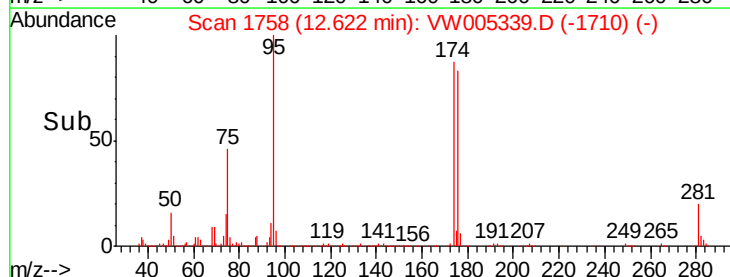
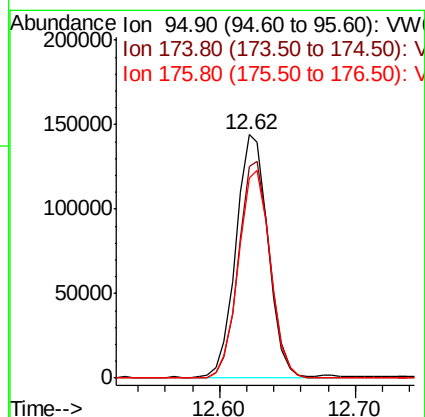
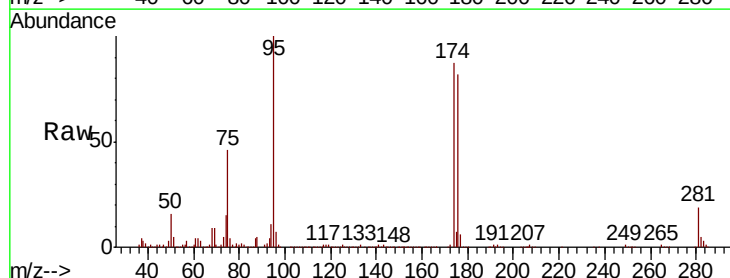
Tgt Ion: 95 Resp: 235158

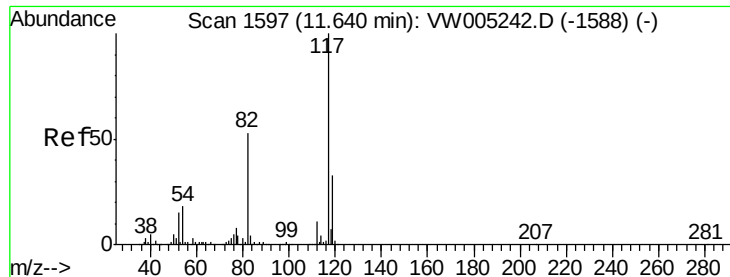
Ion Ratio Lower Upper

95 100

174 87.8 0.0 174.6

176 85.1 0.0 167.6

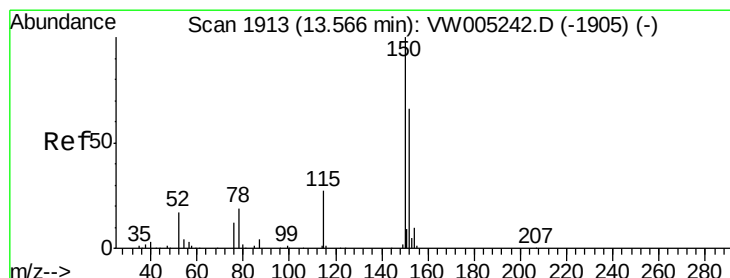
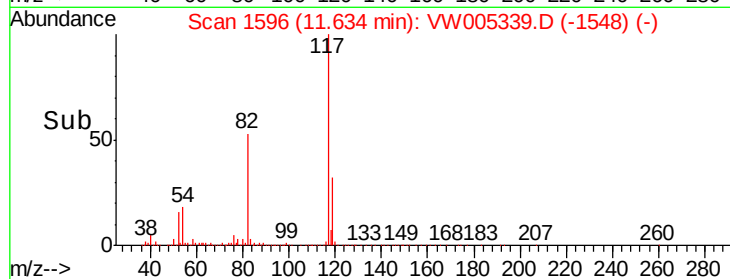
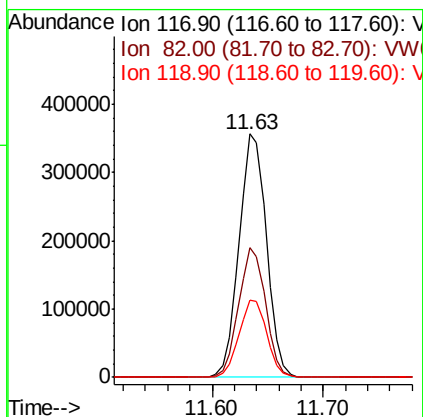
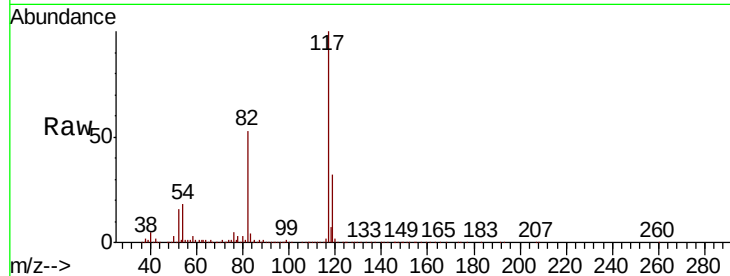




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

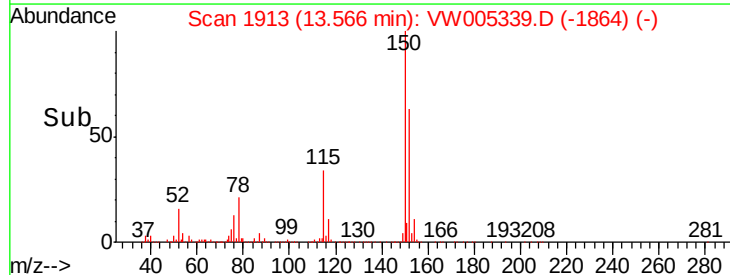
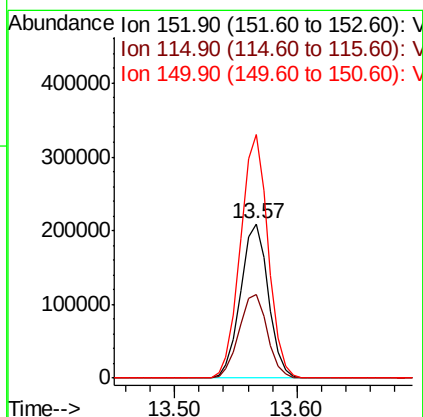
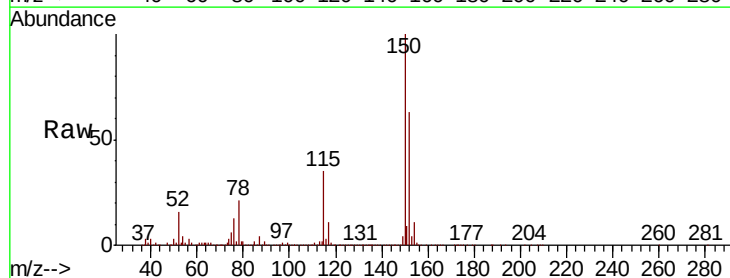
Instrument :
MSVOA_W
ClientSampleId :
NF-CON-1

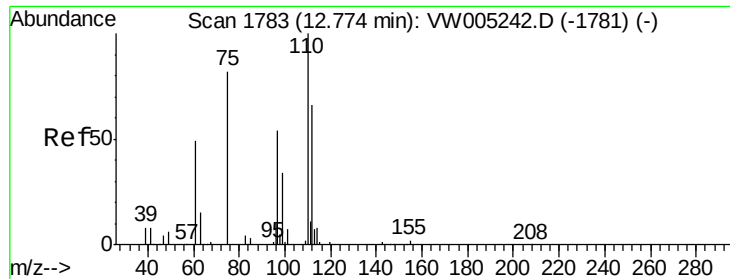
Tgt Ion:117 Resp: 606731
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005339.D
Acq: 12 Sep 2018 21:05

Tgt Ion:152 Resp: 327893
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.4
150 157.1 0.0 347.4

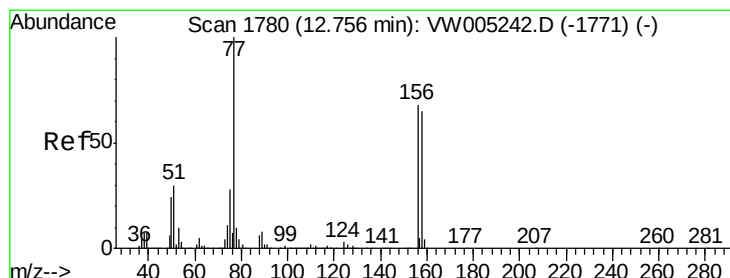
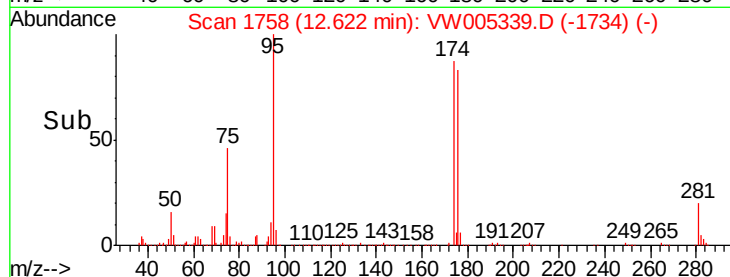
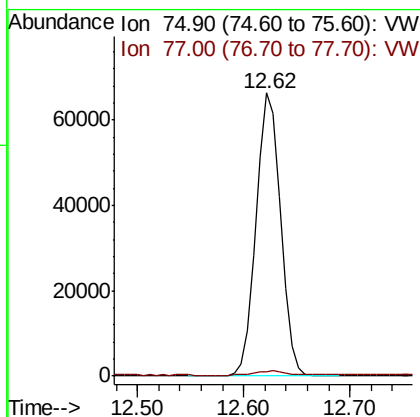
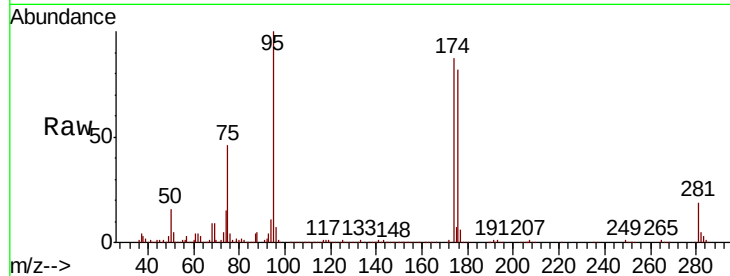




#76
 1,2,3-Trichloropropane
 Concen: 42.715 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

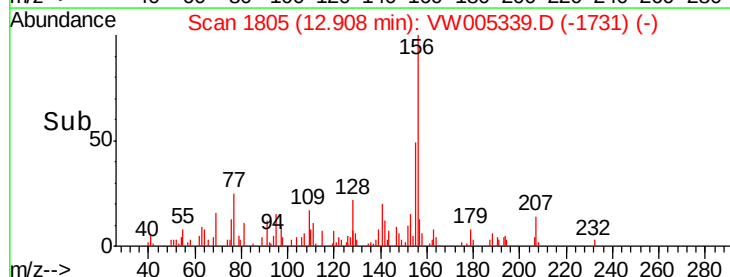
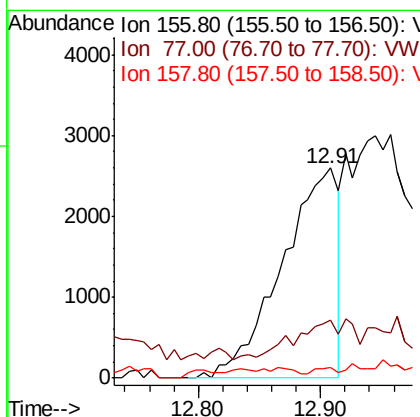
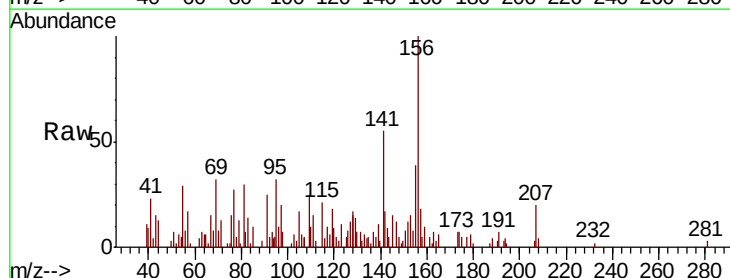
Instrument :
 MSVOA_W
 ClientSampleId :
 NF-CON-1

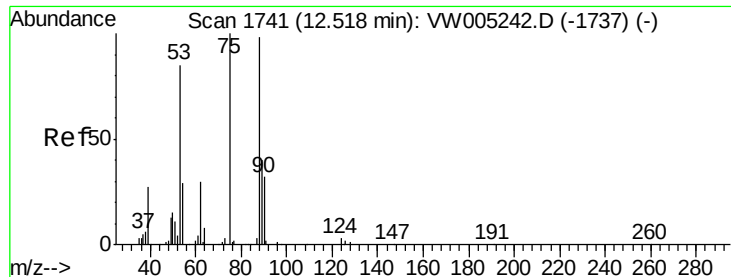
Tgt Ion: 75 Resp: 107728
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#77
 Bromobenzene
 Concen: 1.521 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. 0.15 min
 Lab File: VW005339.D
 Acq: 12 Sep 2018 21:05

Tgt Ion: 156 Resp: 8299
 Ion Ratio Lower Upper
 156 100
 77 11.3 86.3 258.8#
 158 2.1 48.6 145.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 100.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005339.D

Acq: 12 Sep 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

NF-CON-1

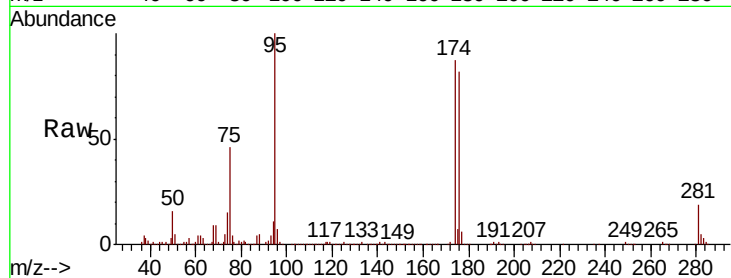
Tgt Ion: 75 Resp: 107728

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.6#

89 0.2 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

