

Data File : VW006815.D
Acq On : 12 Nov 2018 19:05
Operator : SY/AP
Sample : J5877-02RE
Misc : 5.93G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1107-S-DH-11RE

Quant Time: Nov 13 02:47:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	382831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	537990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	513829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	243025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139693	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.89	113	142680	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	10.33	98	552861	41.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.28%	
62) 4-Bromofluorobenzene	12.62	95	184442	37.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.42%	

Target Compounds

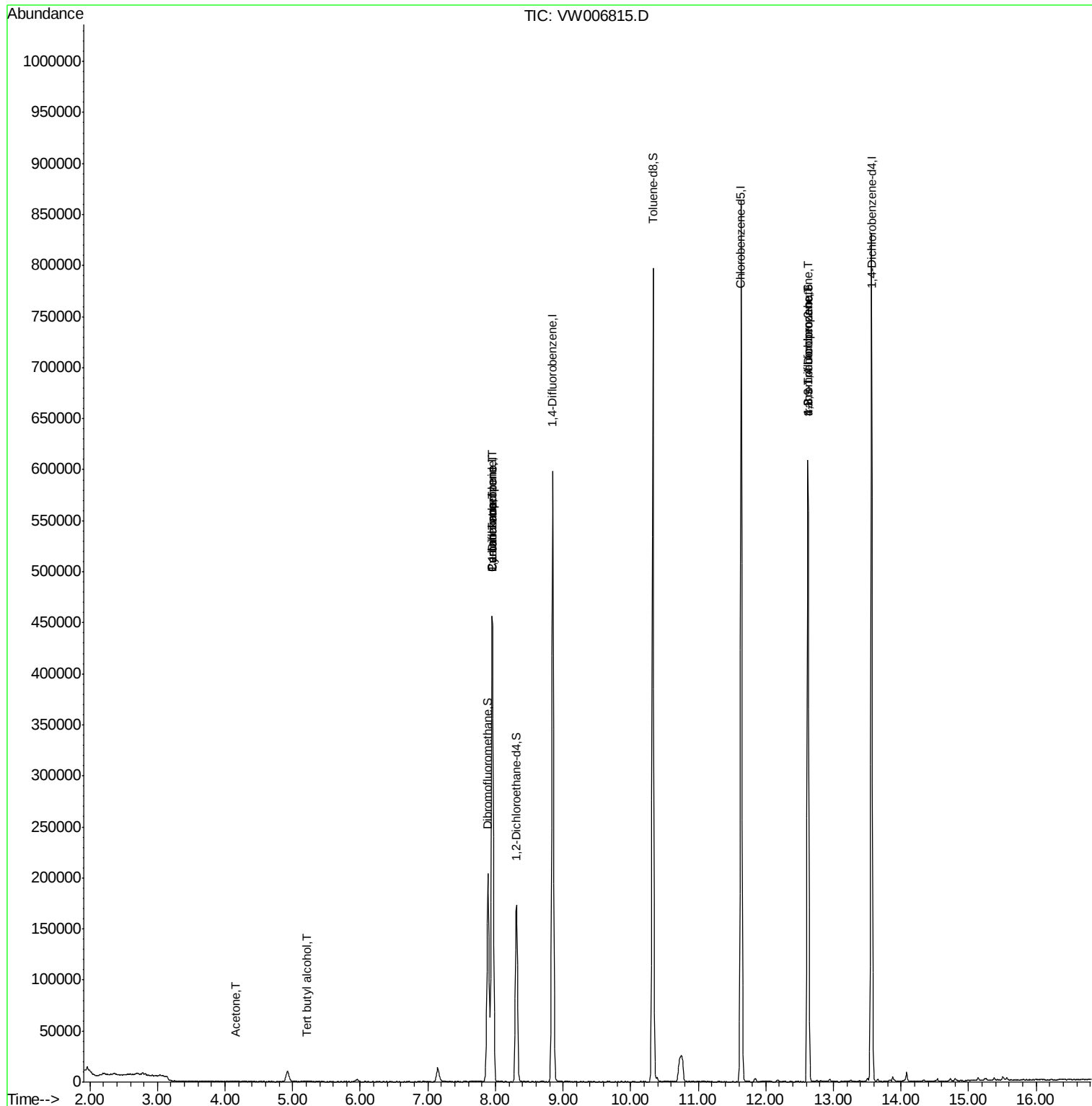
						Qvalue
11) Tert butyl alcohol	5.20	59	429	2.335	ug/l #	72
16) Acetone	4.15	43	1041	2.590	ug/l	94
20) Methylene Chloride	4.92	84	8545	Below Cal		93
31) Cyclohexane	7.95	56	5817	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23353	4.639	ug/l #	47
38) Carbon Tetrachloride	7.95	117	32533	5.945	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	88309	50.422	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88309	124.723	ug/l #	13

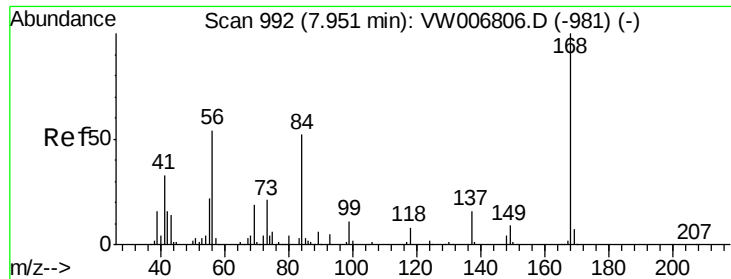
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006815.D

Acq: 12 Nov 2018 19:05

Instrument :

MSVOA_W

ClientSampleId :

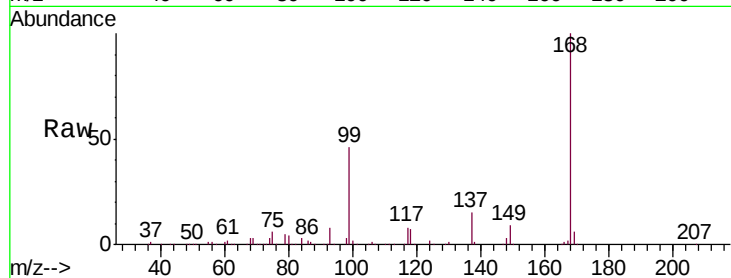
SSSI-1107-S-DH-11RE

Tgt Ion:168 Resp: 382831

Ion Ratio Lower Upper

168 100

99 46.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

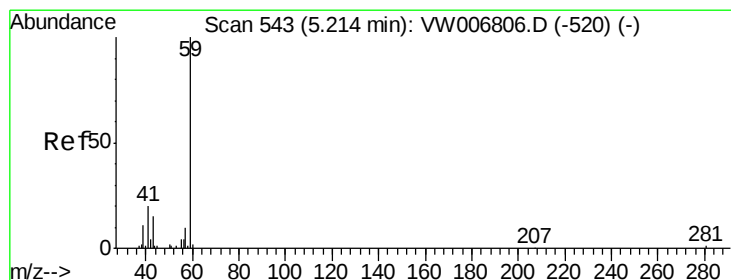
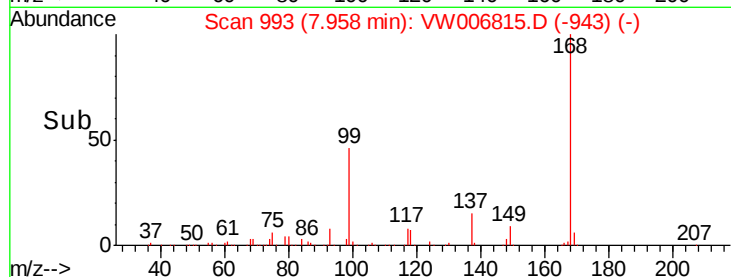
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.335 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW006815.D

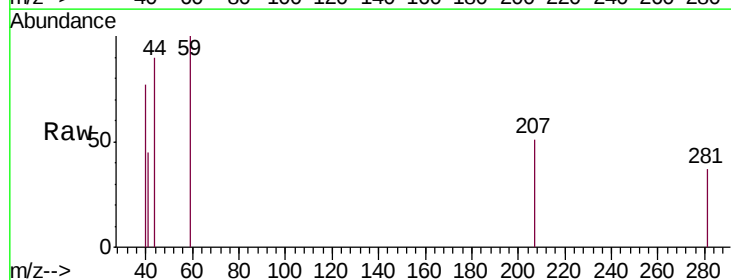
Acq: 12 Nov 2018 19:05

Tgt Ion: 59 Resp: 429

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

150

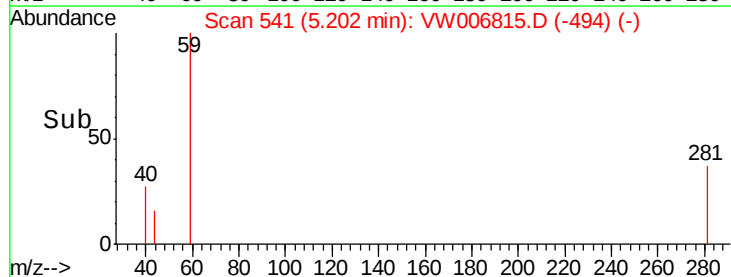
100

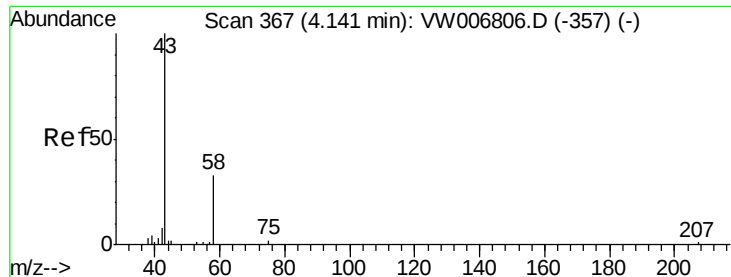
50

0

5.14 5.16 5.18 5.20 5.22

Time-->





#16

Acetone

Concen: 2.590 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006815.D

Acq: 12 Nov 2018 19:05

Instrument :

MSVOA_W

ClientSampleId :

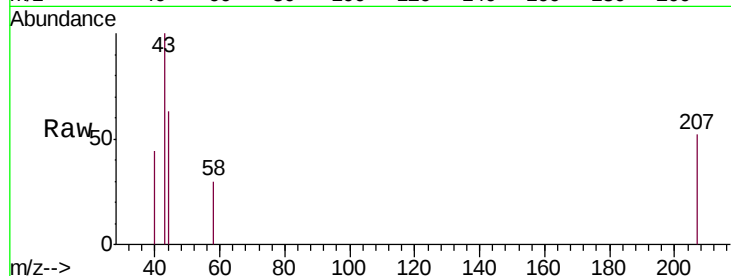
SSSI-1107-S-DH-11RE

Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

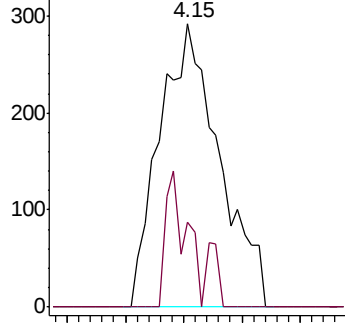
43 100

58 29.8 26.5 39.7

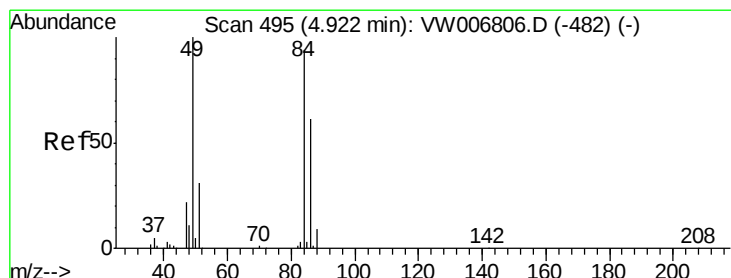
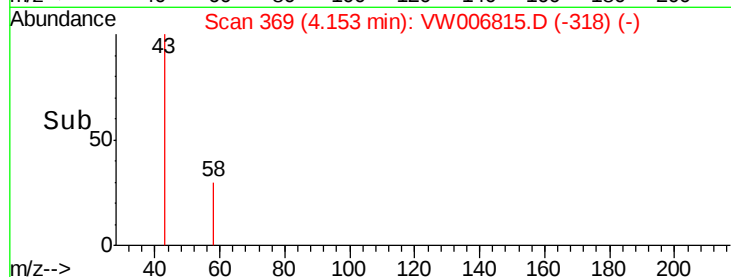


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006815.D

Acq: 12 Nov 2018 19:05

Tgt Ion: 84 Resp: 8545

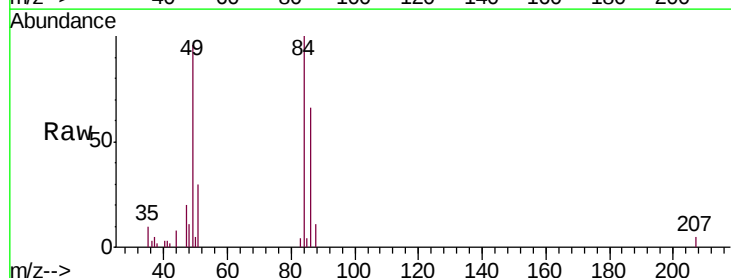
Ion Ratio Lower Upper

84 100

49 93.8 84.8 127.2

51 30.2 26.2 39.4

86 65.5 51.8 77.8

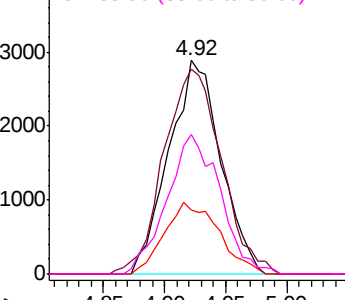


Abundance Ion 83.90 (83.60 to 84.60): VW

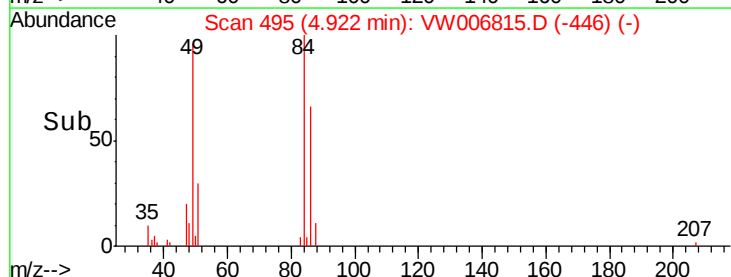
Ion 48.90 (48.60 to 49.60): VW

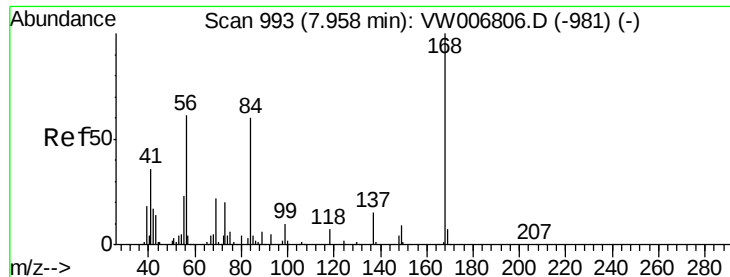
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->

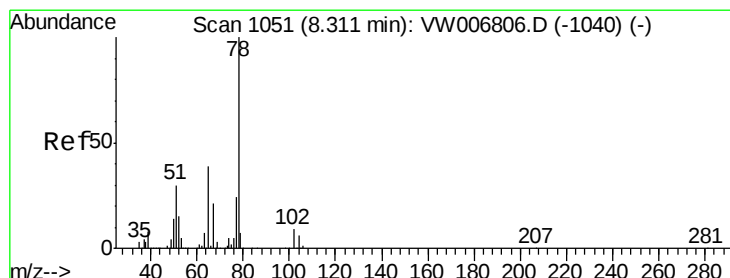
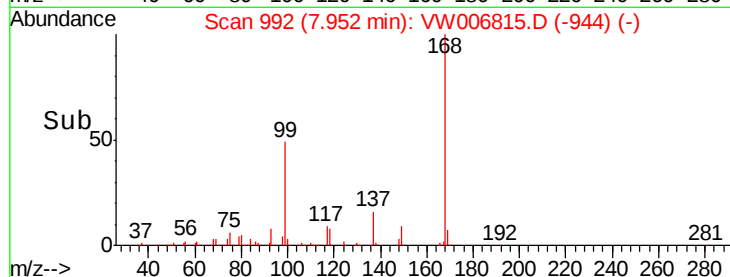
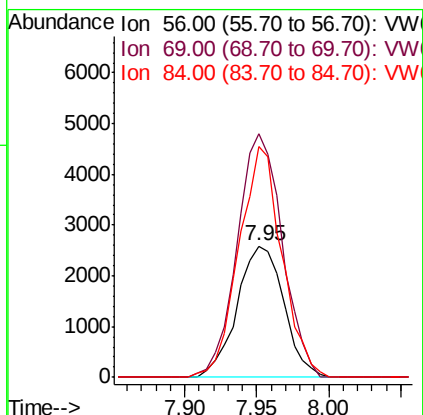
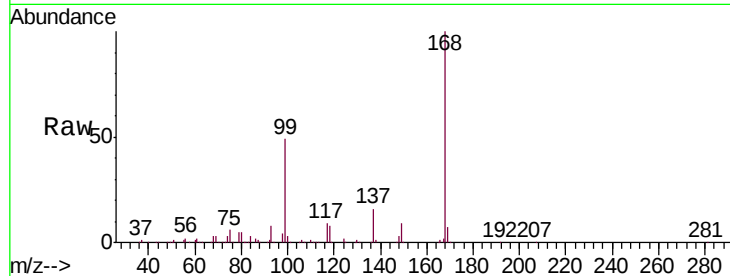




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006815.D
Acq: 12 Nov 2018 19:05

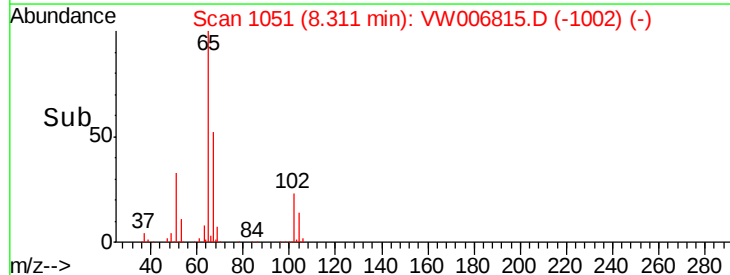
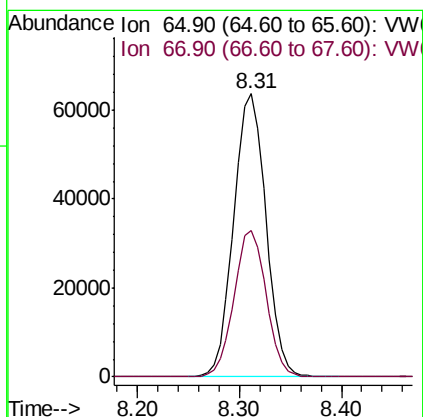
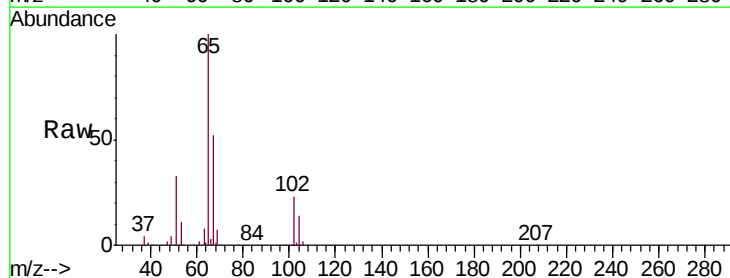
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1107-S-DH-11RE

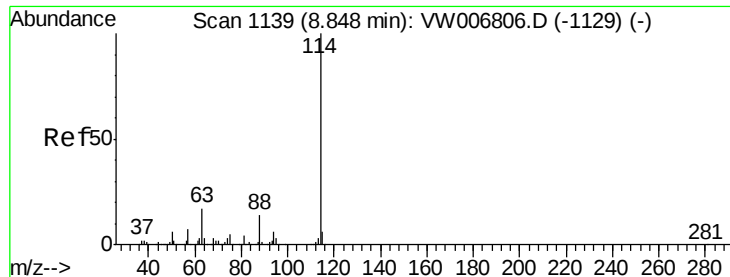
Tgt Ion: 56 Resp: 5817
Ion Ratio Lower Upper
56 100
69 185.5 28.9 43.3#
84 176.1 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 49.915 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006815.D
Acq: 12 Nov 2018 19:05

Tgt Ion: 65 Resp: 139693
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4

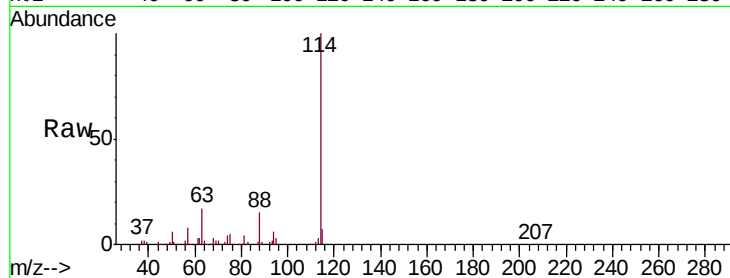




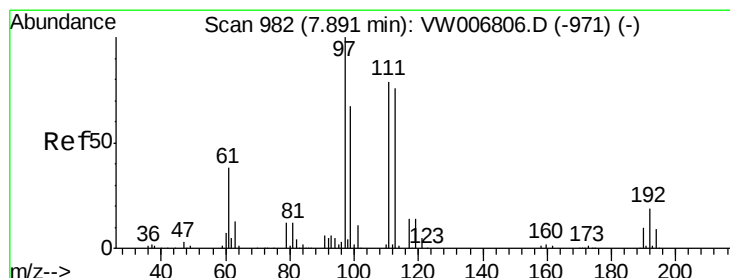
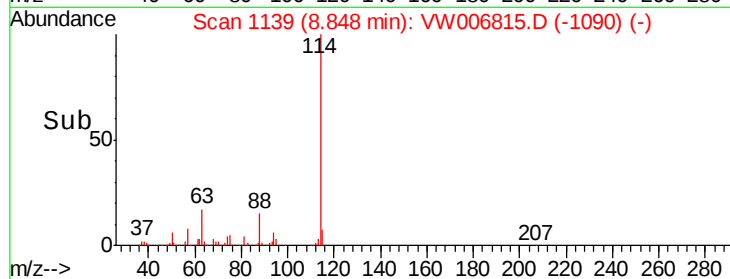
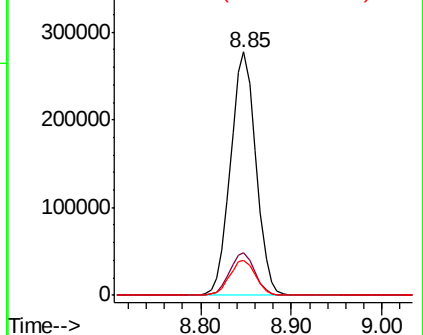
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1107-S-DH-11RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.6
88	14.6	0.0	28.4

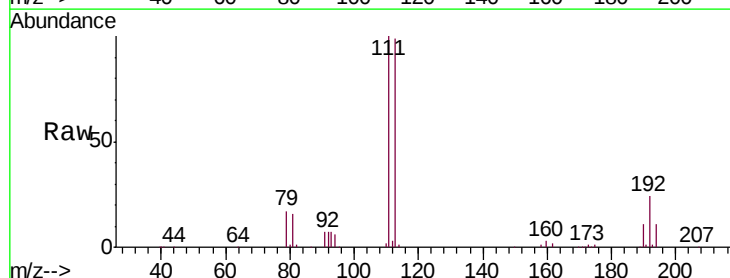


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

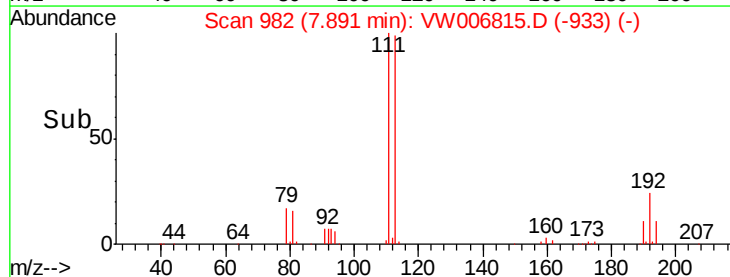
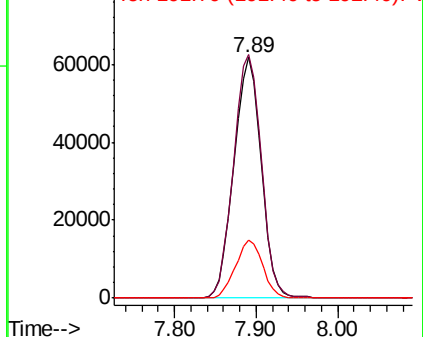


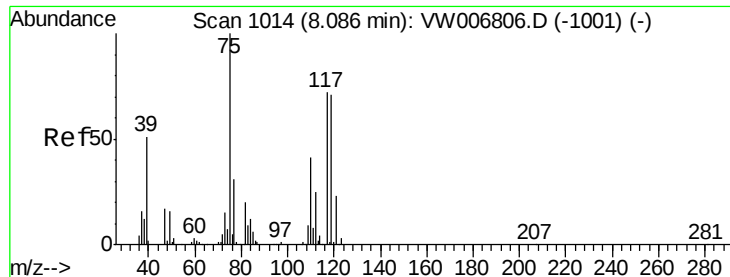
#35
 Dibromofluoromethane
 Concen: 44.538 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.6
192	23.9	19.0	28.6



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

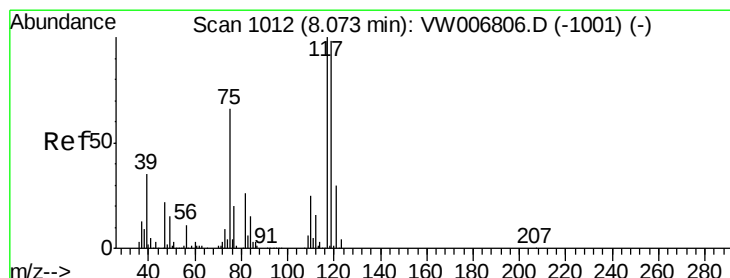
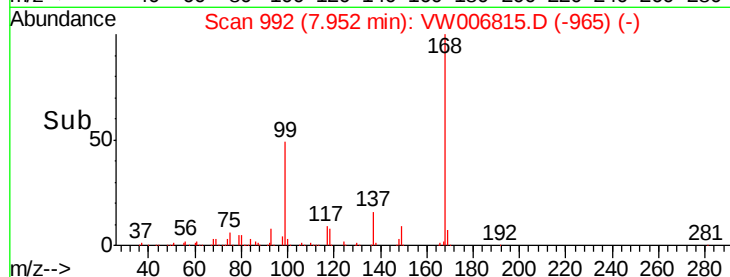
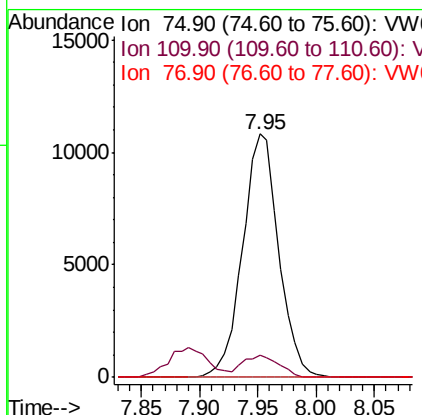
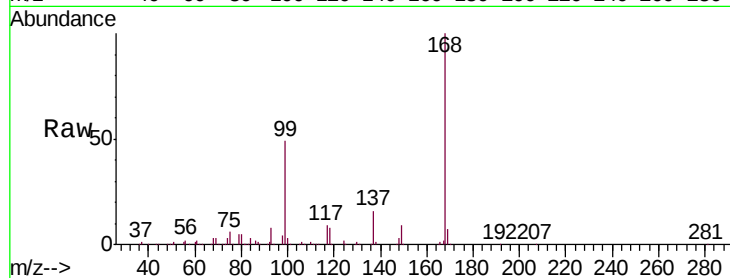




#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

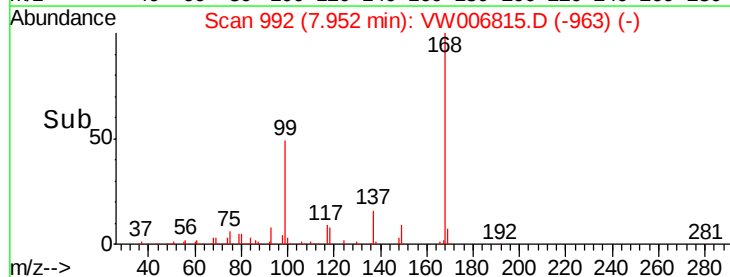
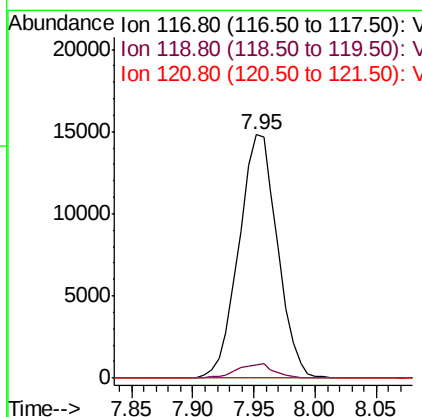
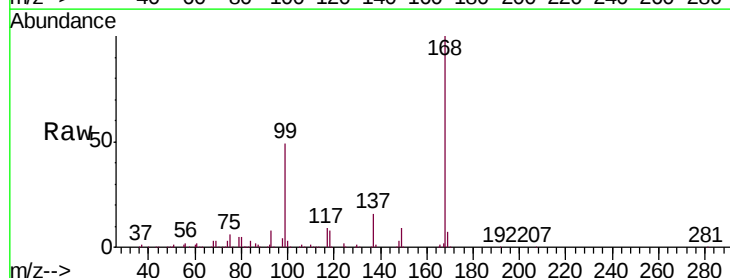
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1107-S-DH-11RE

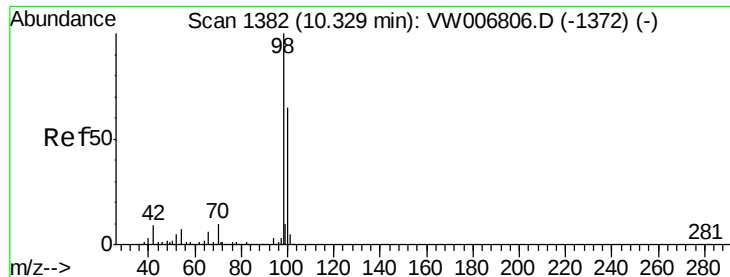
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 5.945 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 41.636 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006815.D

Acq: 12 Nov 2018 19:05

Instrument :

MSVOA_W

ClientSampleId :

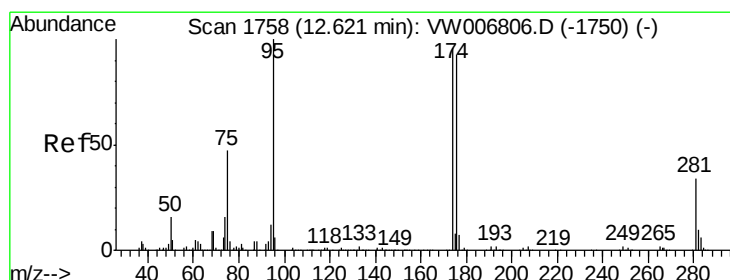
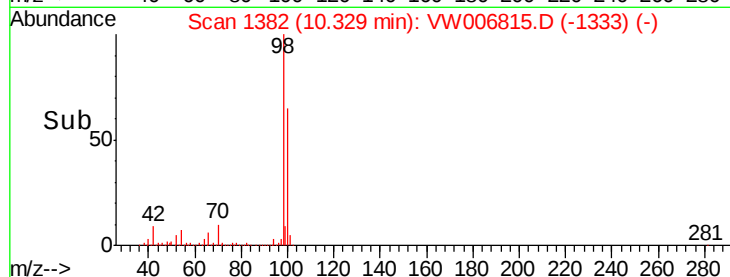
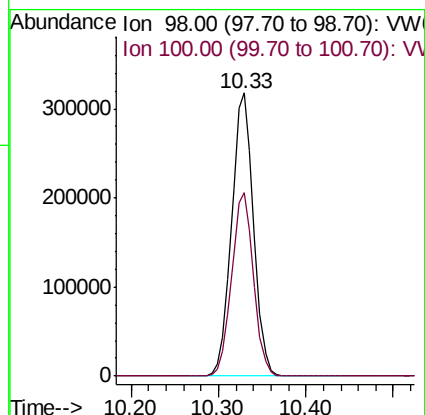
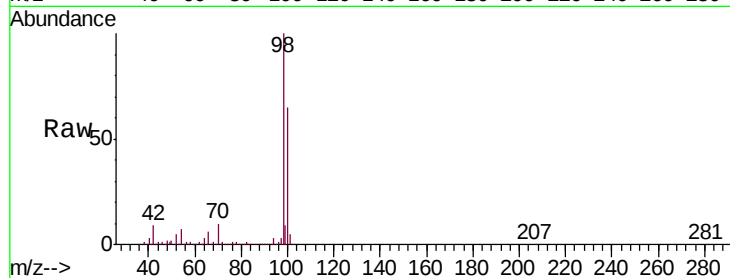
SSSI-1107-S-DH-11RE

Tgt Ion: 98 Resp: 552861

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 37.714 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006815.D

Acq: 12 Nov 2018 19:05

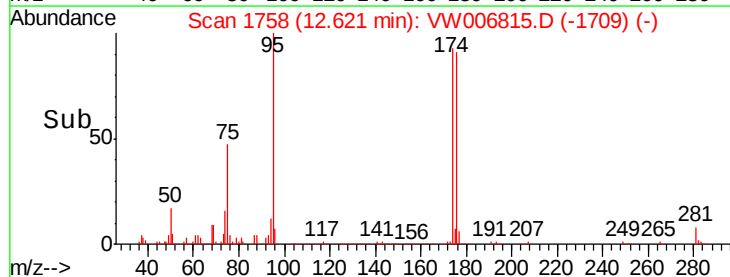
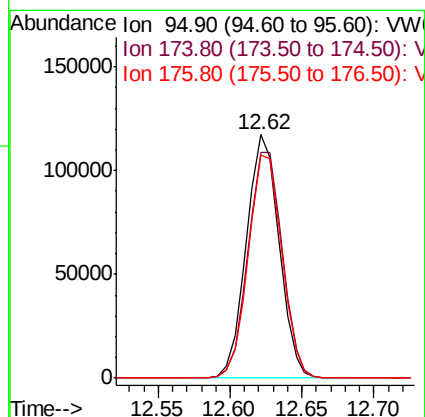
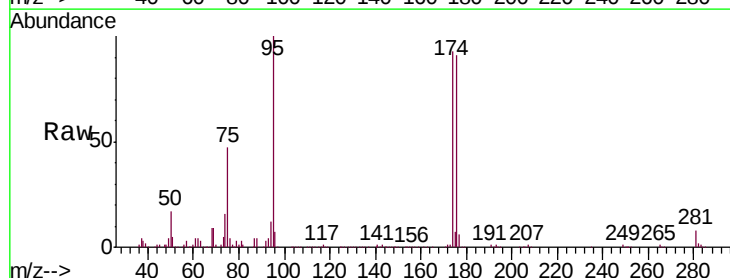
Tgt Ion: 95 Resp: 184442

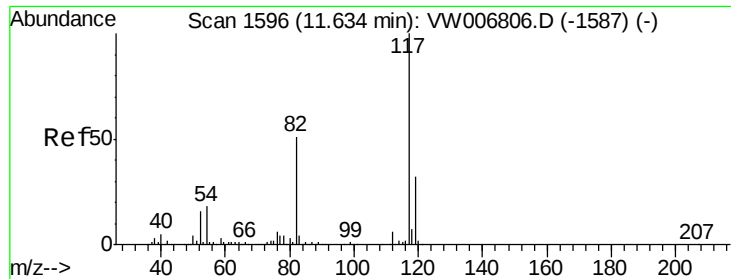
Ion Ratio Lower Upper

95 100

174 97.2 0.0 196.6

176 93.9 0.0 191.6

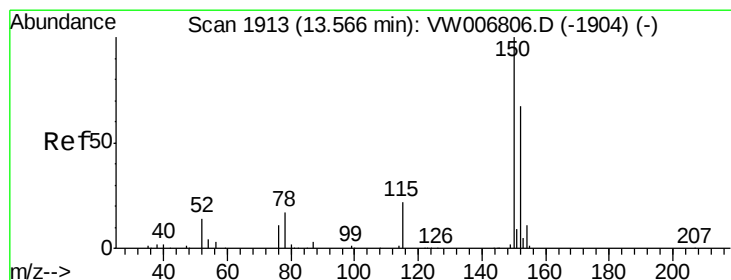
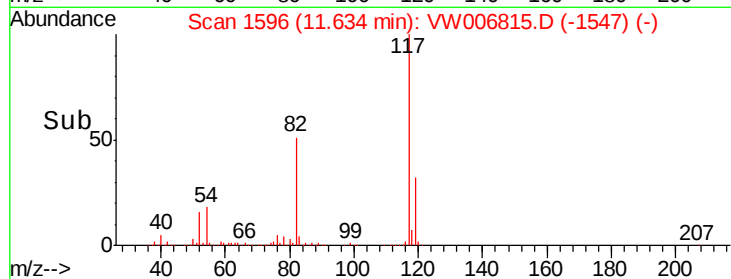
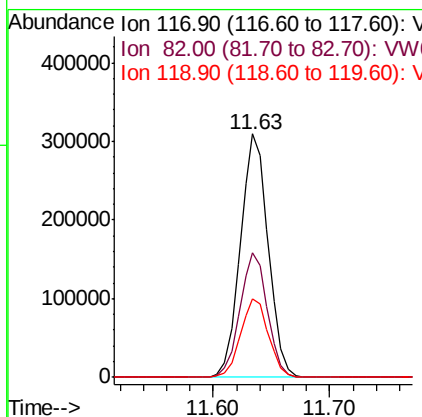
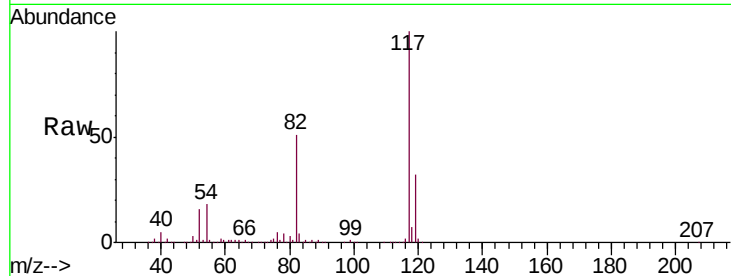




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006815.D
Acq: 12 Nov 2018 19:05

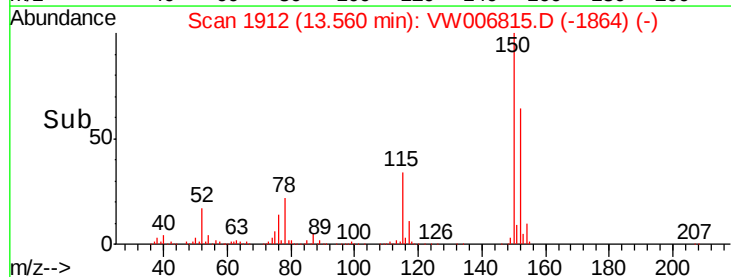
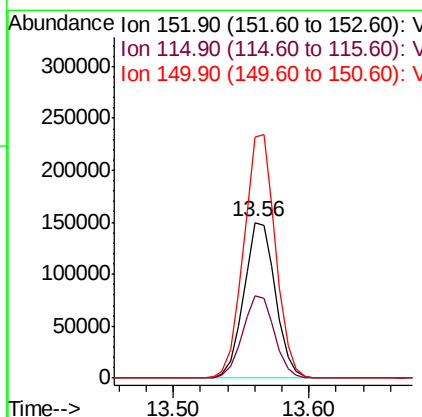
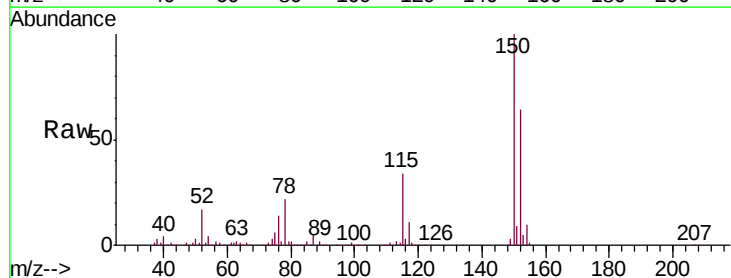
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1107-S-DH-11RE

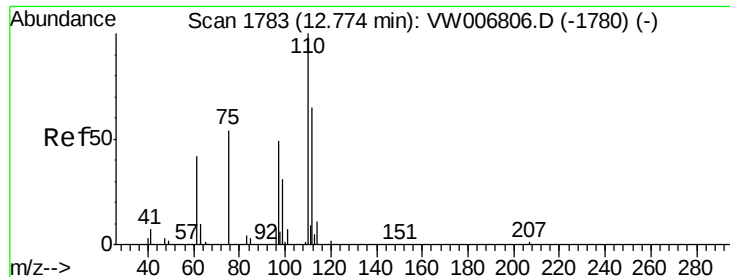
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.6	61.0
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006815.D
Acq: 12 Nov 2018 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.3	81.8
150	156.6	0.0	353.0

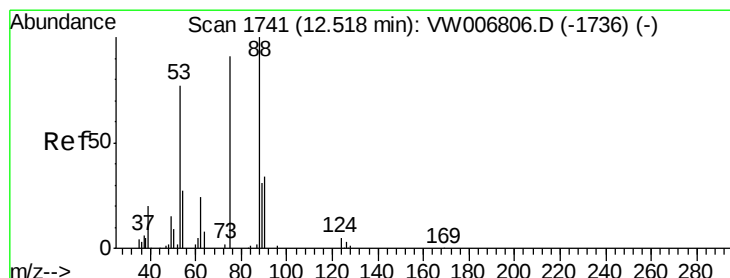
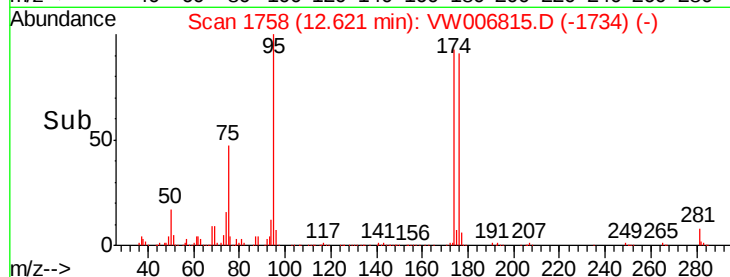
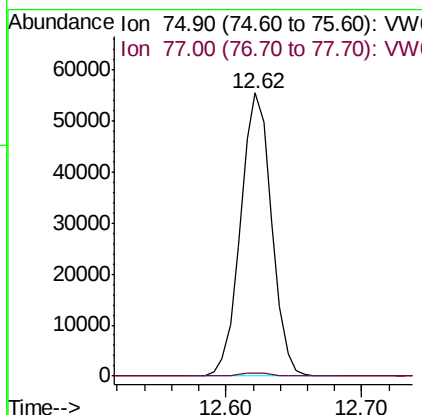
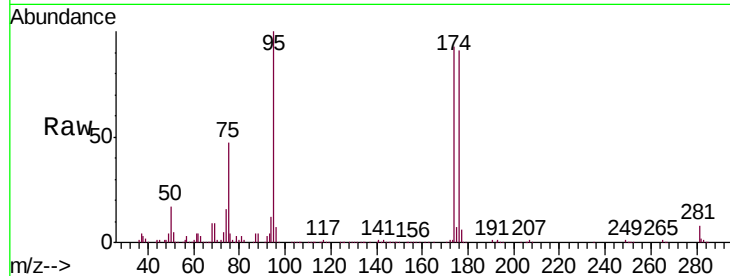




#76
 1,2,3-Trichloropropane
 Concen: 50.422 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1107-S-DH-11RE

Tgt Ion: 75 Resp: 88309
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.723 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006815.D
 Acq: 12 Nov 2018 19:05

Tgt Ion: 75 Resp: 88309
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 38.7 58.1#

