

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007043.D
 Acq On : 26 Nov 2018 13:27
 Operator : VAY/AP
 Sample : J5999-08RE
 Misc : 5.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Quant Time: Nov 26 15:09:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	13981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2073	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	4140	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	3742	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
50) Toluene-d8	10.32	98	13366	38.34	ug/l	0.00
Spiked Amount			Recovery	=	76.68%	
62) 4-Bromofluorobenzene	12.62	95	3235	23.58	ug/l	0.00
Spiked Amount			Recovery	=	47.16%	

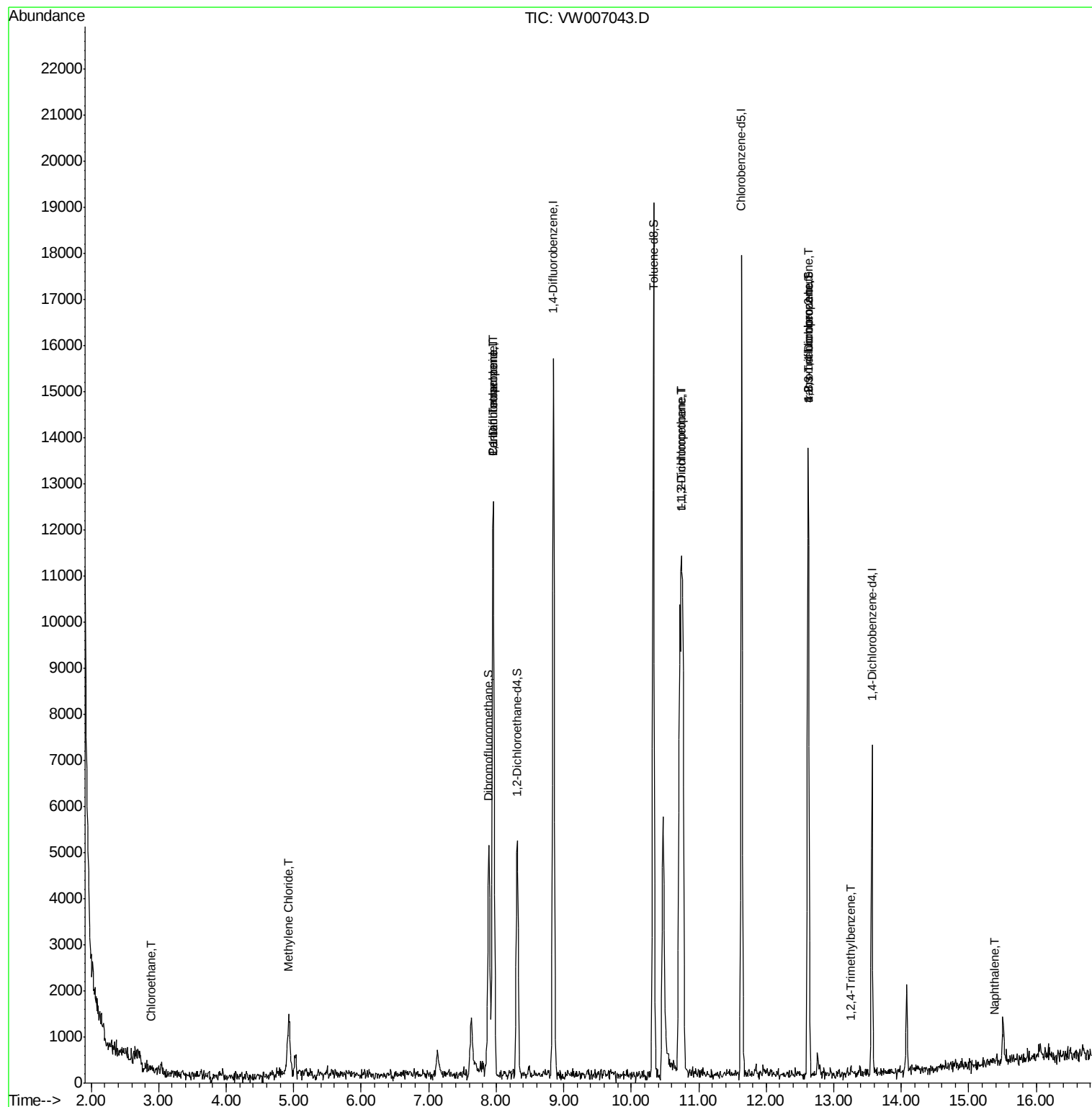
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.89	64	293	7.23	ug/l #	43
20) Methylene Chloride	4.93	84	1076	5.67	ug/l #	74
36) 1,1-Dichloropropene	7.96	75	782	5.72	ug/l #	41
38) Carbon Tetrachloride	7.95	117	1042	7.96	ug/l #	13
53) t-1,3-Dichloropropene	10.74	75	226	1.94	ug/l #	71
55) 1,1,2-Trichloroethane	10.74	97	72	1.07	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	1542	94.66	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1542	237.66	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	152	1.10	ug/l #	32
95) Naphthalene	15.38	128	84	1.13	ug/l #	69

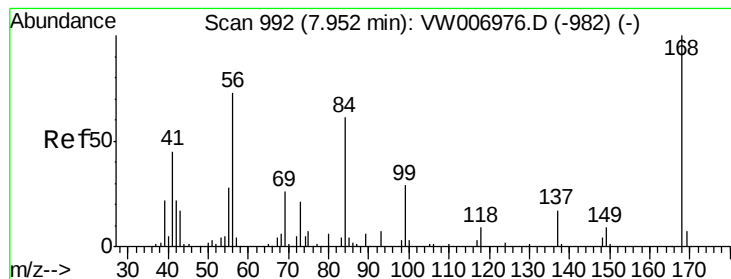
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007043.D
Acq On : 26 Nov 2018 13:27
Operator : VAY/AP
Sample : J5999-08RE
Misc : 5.49G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1116-S-AB-4RE

Quant Time: Nov 26 15:09:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

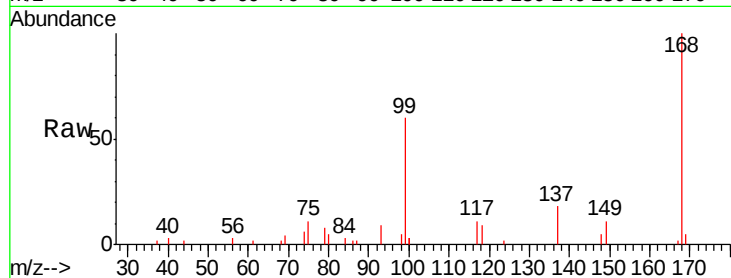
SSSI-1116-S-AB-4RE

Tgt Ion: 168 Resp: 9086

Ion Ratio Lower Upper

168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

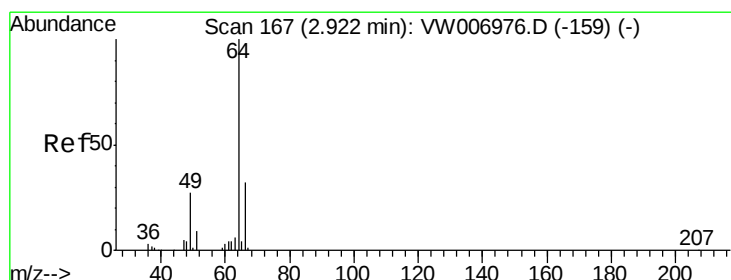
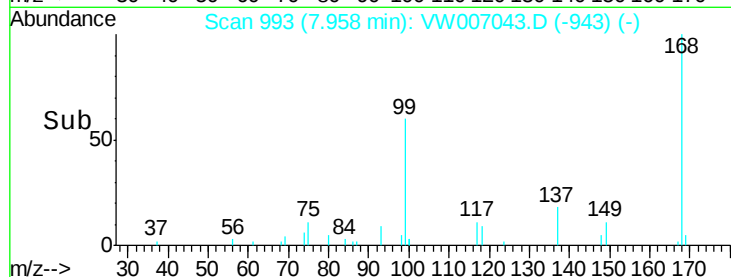
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 7.23 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.04 min

Lab File: VW007043.D

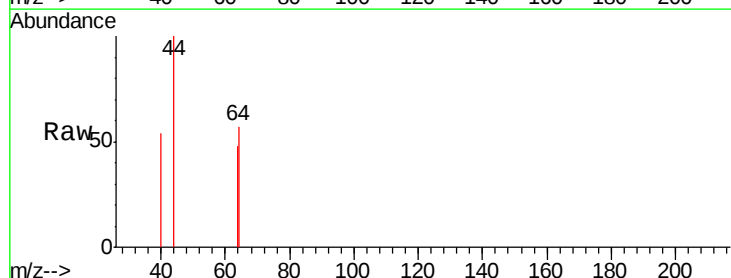
Acq: 26 Nov 2018 13:27

Tgt Ion: 64 Resp: 293

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.89

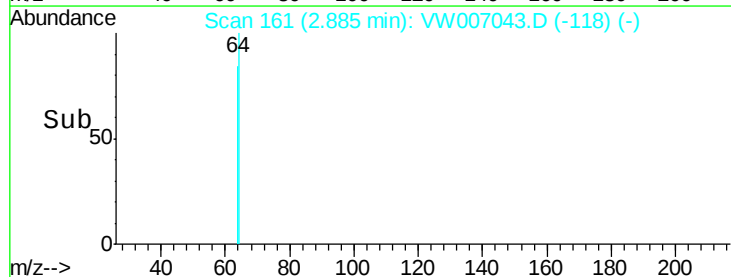
150

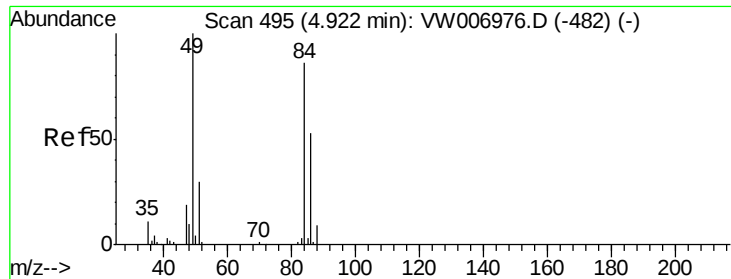
100

50

0

Time-->

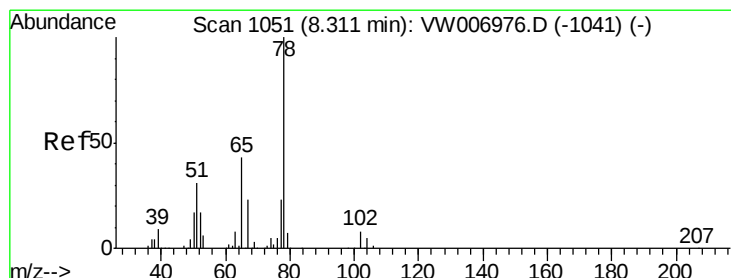
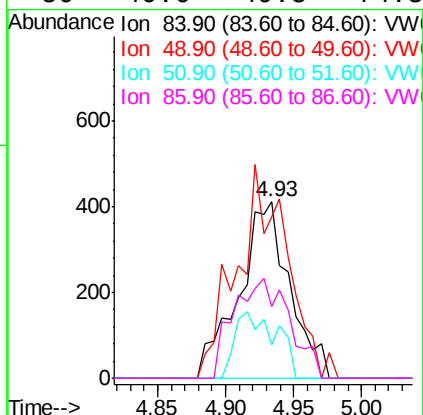
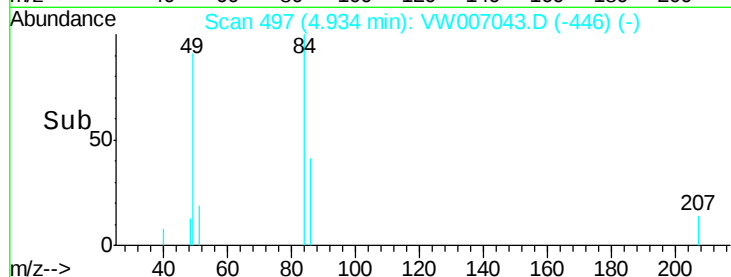
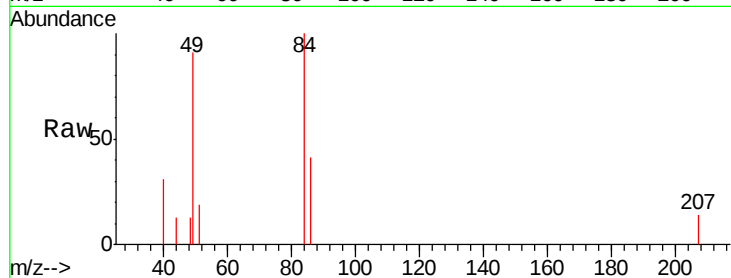




#20
Methylene Chloride
Concen: 5.67 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

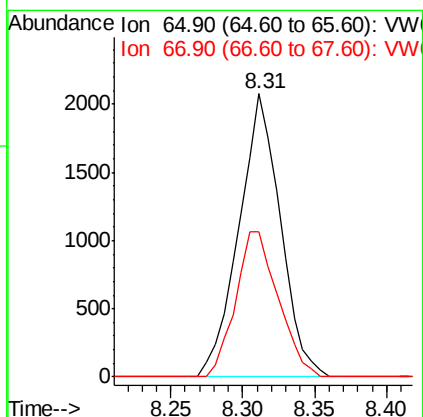
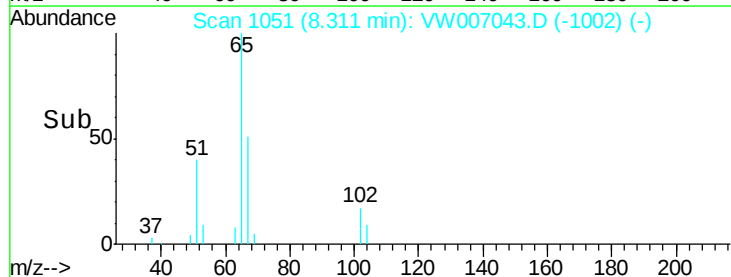
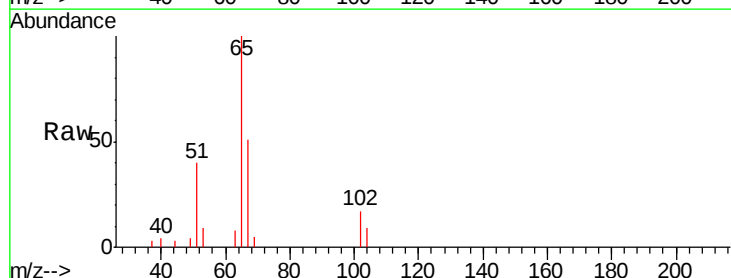
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1116-S-AB-4RE

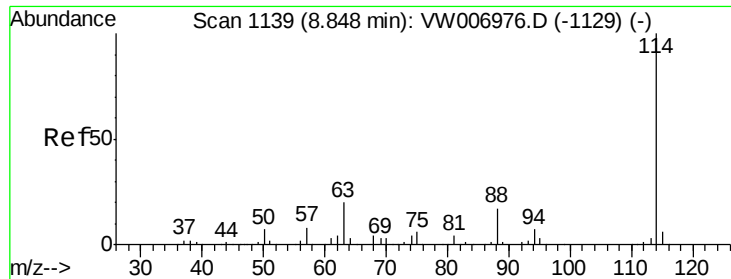
Tgt Ion: 84 Resp: 1076
Ion Ratio Lower Upper
84 100
49 91.2 93.4 140.0#
51 19.0 28.4 42.6#
86 40.6 49.8 74.8#



#33
1,2-Dichloroethane-d4
Concen: 46.54 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

Tgt Ion: 65 Resp: 4140
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.2

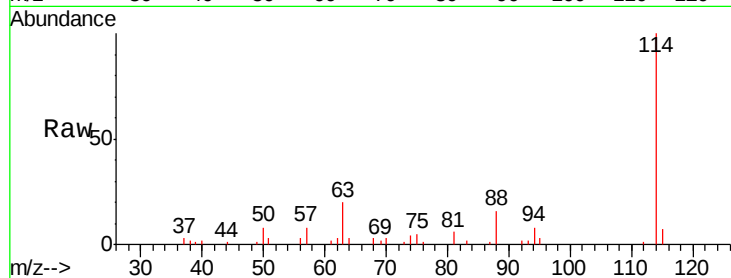




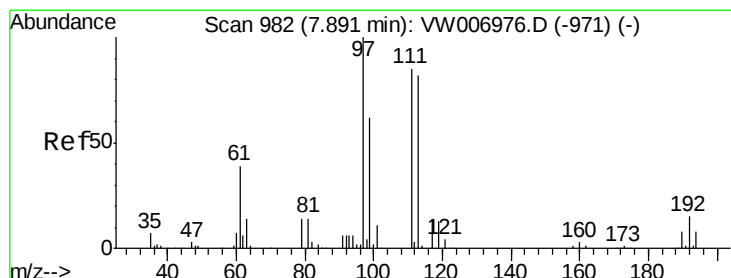
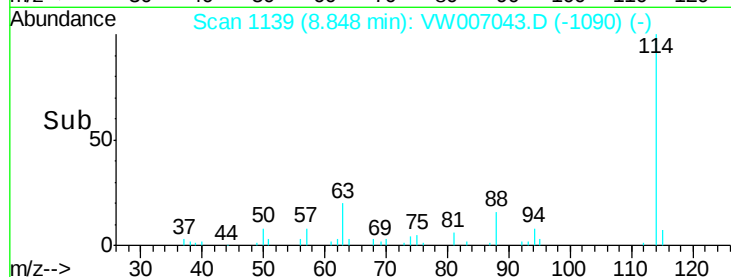
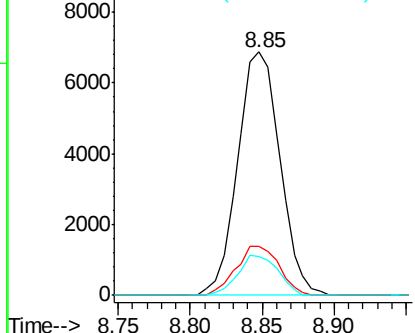
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Tgt Ion:114 Resp: 13981
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.2 0.0 34.2

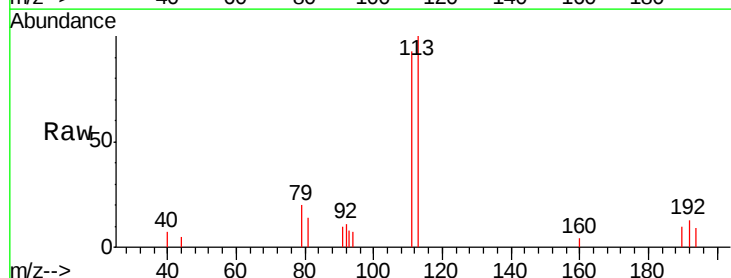


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

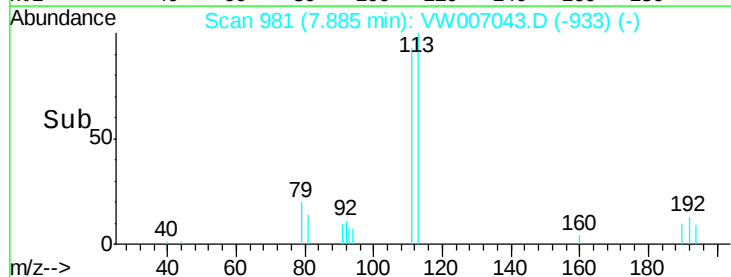
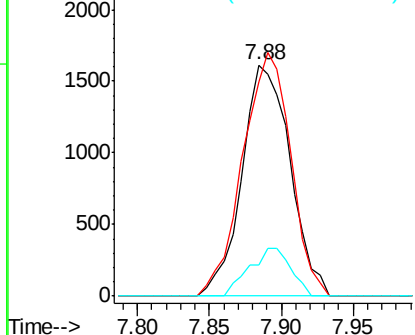


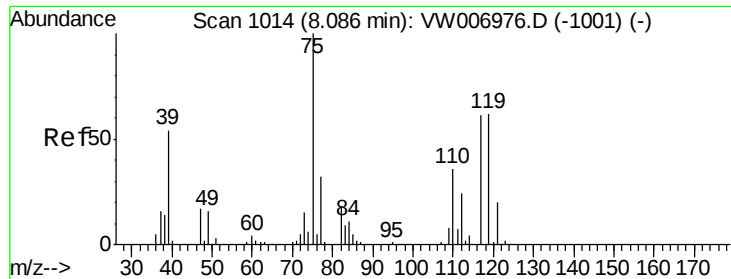
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Tgt Ion:113 Resp: 3742
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.0 121.6
 192 17.9 15.0 22.6



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

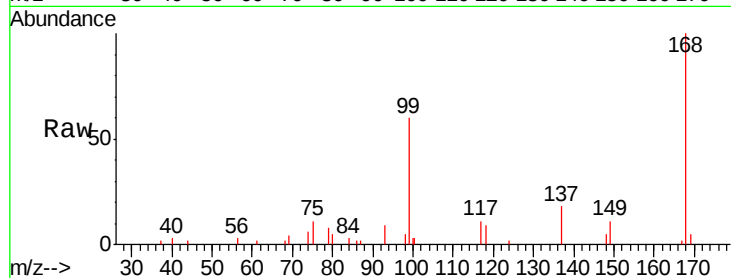




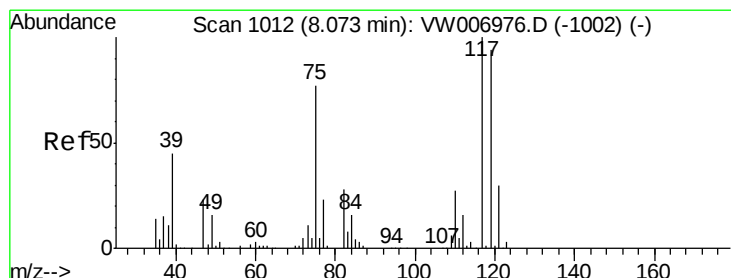
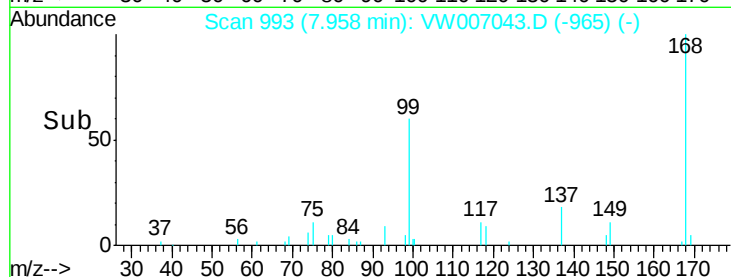
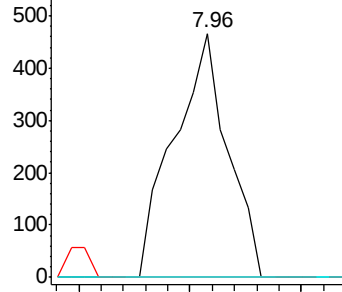
#36
 1,1-Dichloropropene
 Concen: 5.72 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Tgt Ion: 75 Resp: 782
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.0 54.0#
 77 0.0 24.9 37.3#

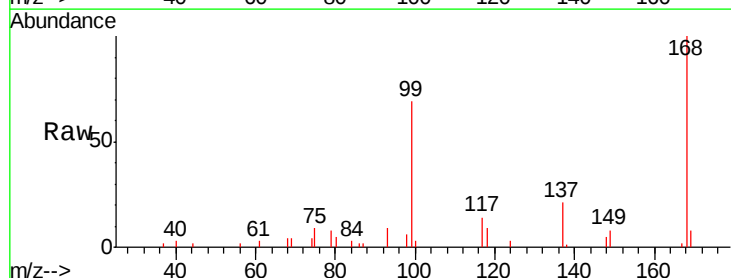


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

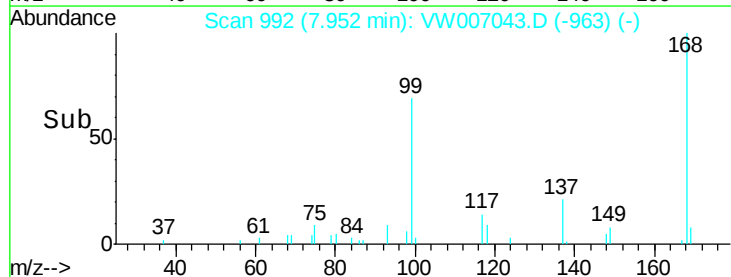
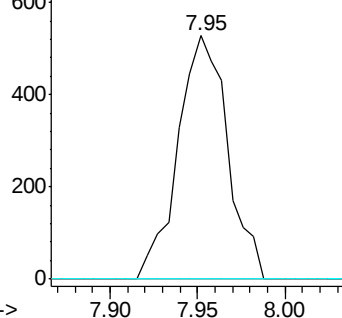


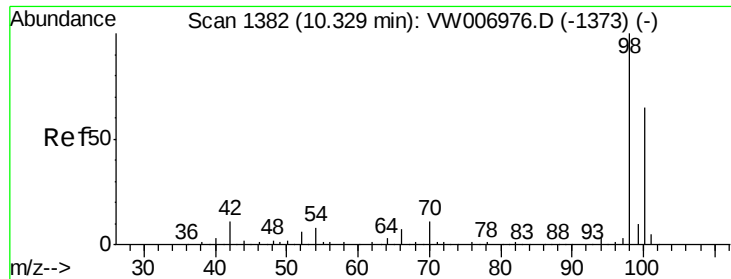
#38
 Carbon Tetrachloride
 Concen: 7.96 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Tgt Ion: 117 Resp: 1042
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.9 112.3#
 121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 38.34 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

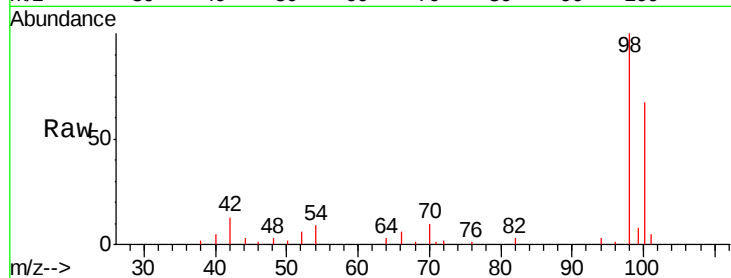
SSSI-1116-S-AB-4RE

Tgt Ion: 98 Resp: 13366

Ion Ratio Lower Upper

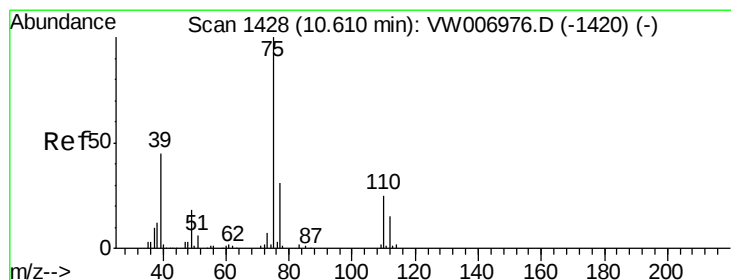
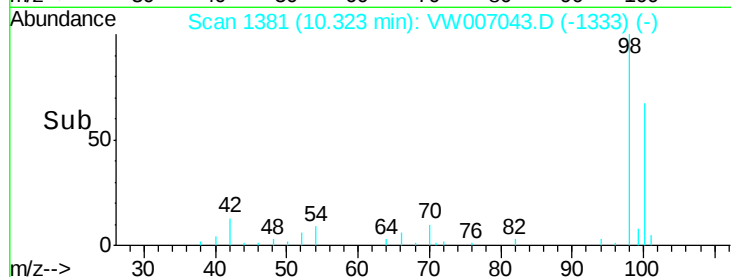
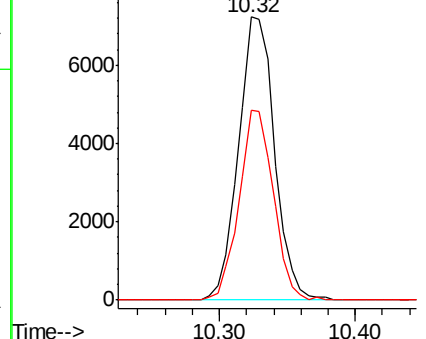
98 100

100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#53

t-1,3-Dichloropropene

Concen: 1.94 ug/l

RT: 10.74 min Scan# 1449

Delta R.T. 0.13 min

Lab File: VW007043.D

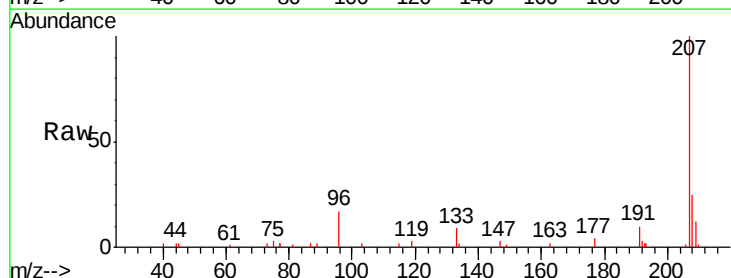
Acq: 26 Nov 2018 13:27

Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

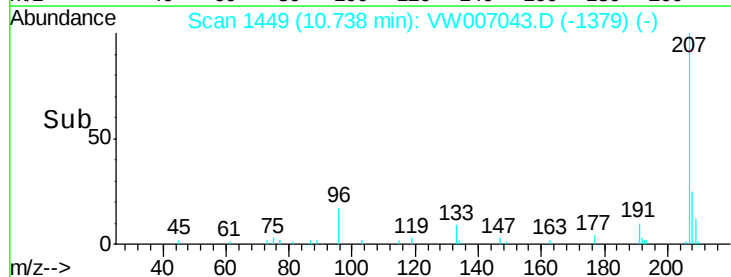
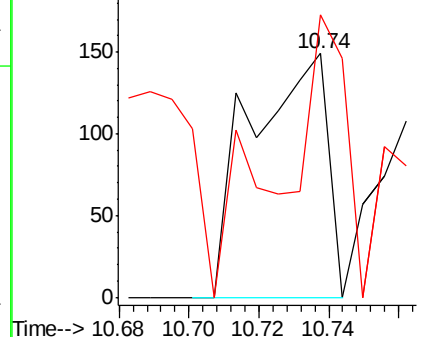
75 100

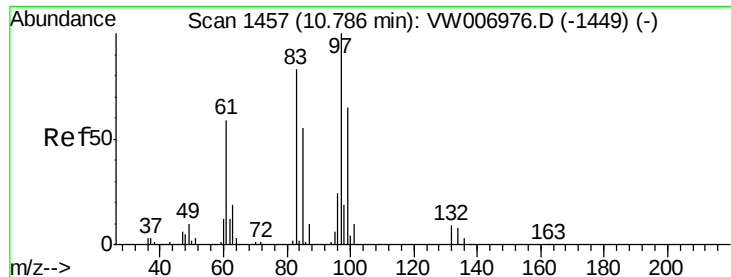
77 47.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

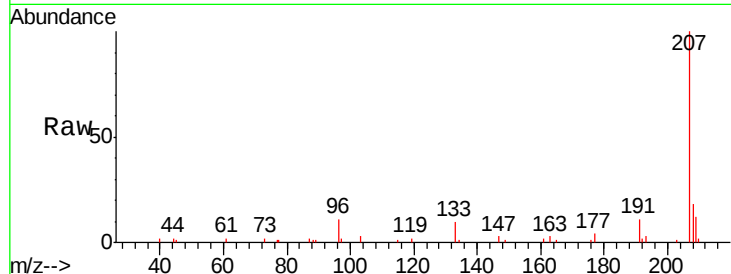




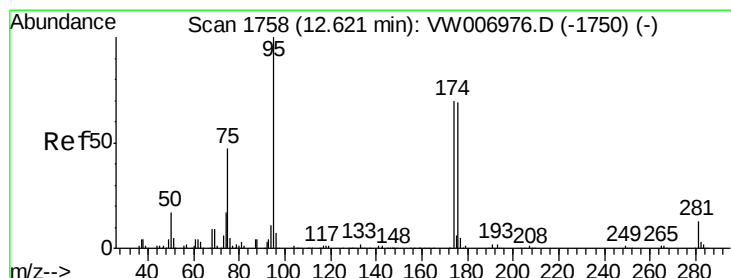
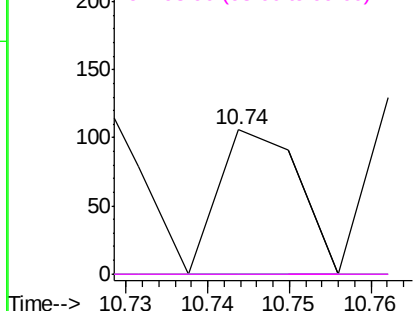
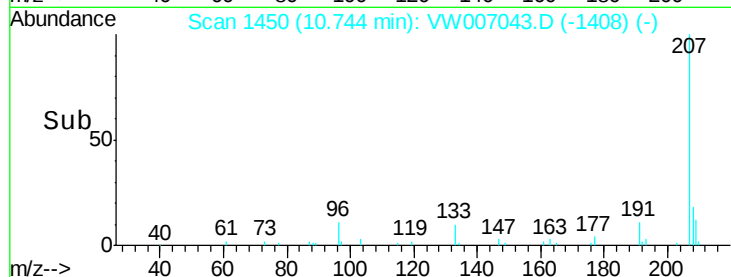
#55
 1,1,2-Trichloroethane
 Concen: 1.07 ug/l
 RT: 10.74 min Scan# 1450
 Delta R.T. -0.04 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Tgt Ion:	97	Resp:	72
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.4	99.6#
85	0.0	44.1	66.1#
99	0.0	51.7	77.5#

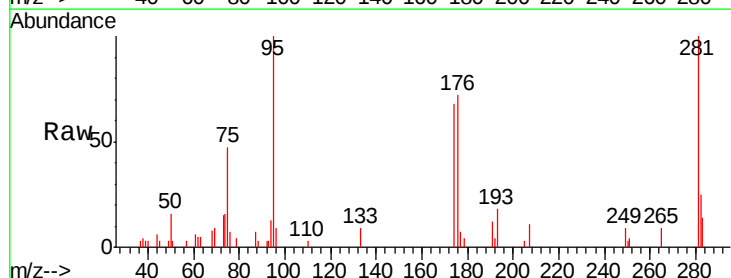


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

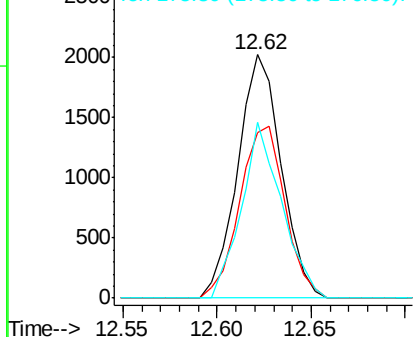
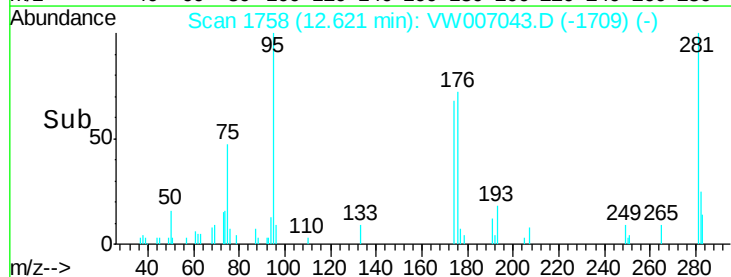


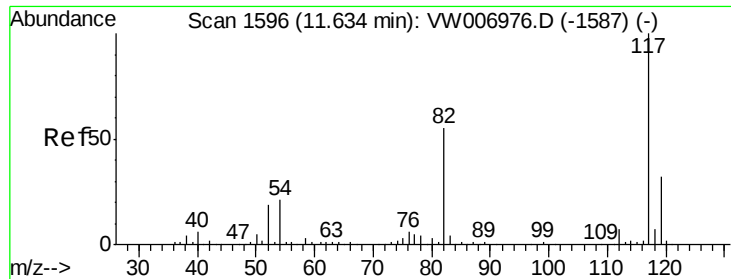
#62
 4-Bromofluorobenzene
 Concen: 23.58 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Tgt Ion:	95	Resp:	3235
Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	143.6
176	66.6	0.0	140.4



Abundance Ion 94.90 (94.60 to 95.60): VW
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

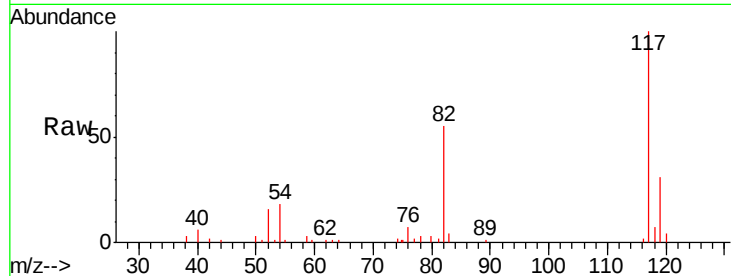




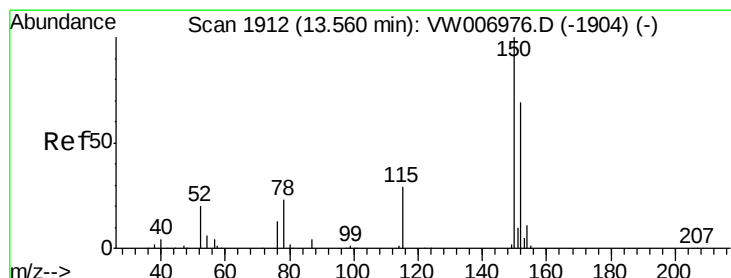
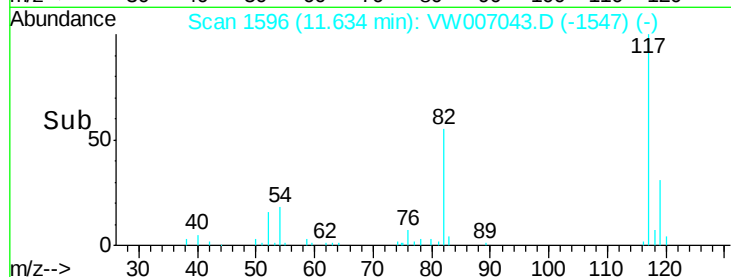
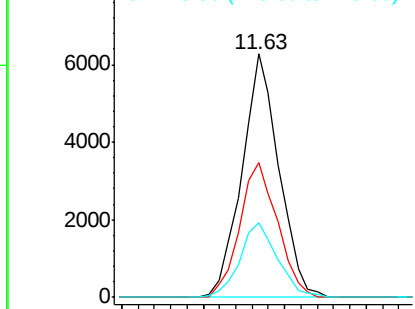
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1116-S-AB-4RE

Tgt Ion:117 Resp: 9908
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 30.5 25.9 38.9

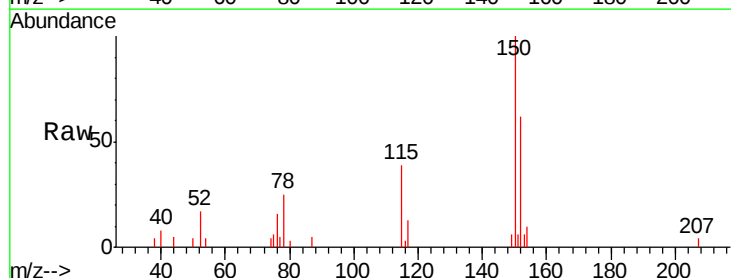


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

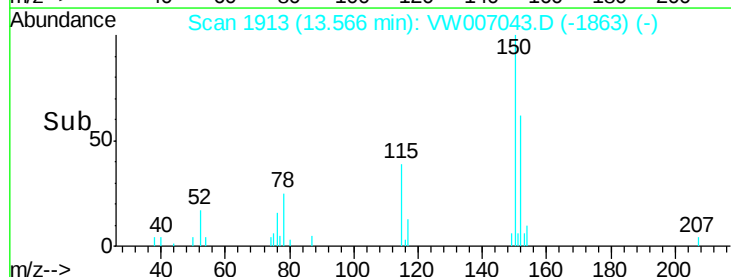
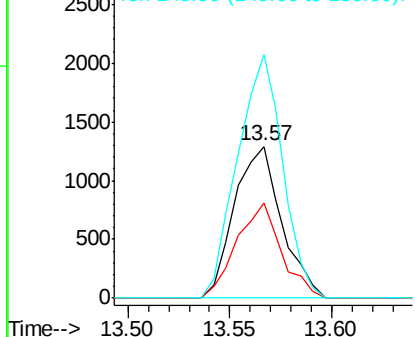


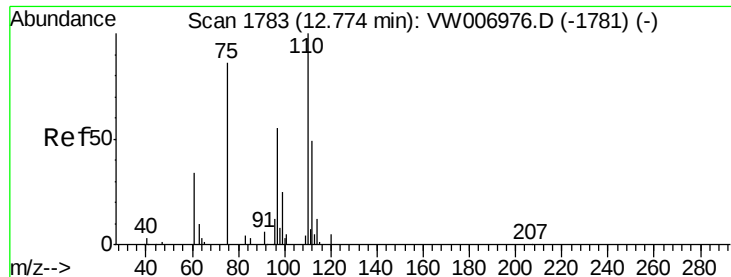
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007043.D
Acq: 26 Nov 2018 13:27

Tgt Ion:152 Resp: 2073
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.2
150 154.2 0.0 353.4



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





#76

1,2,3-Trichloropropane

Concen: 94.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

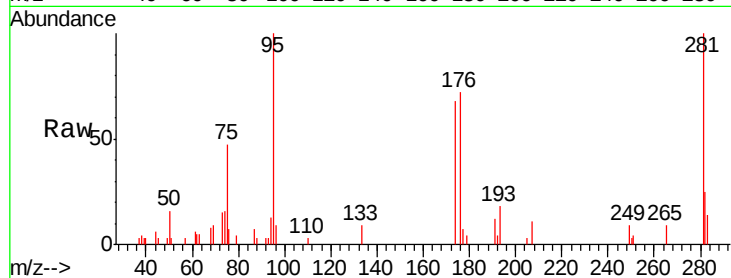
SSSI-1116-S-AB-4RE

Tgt Ion: 75 Resp: 1542

Ion Ratio Lower Upper

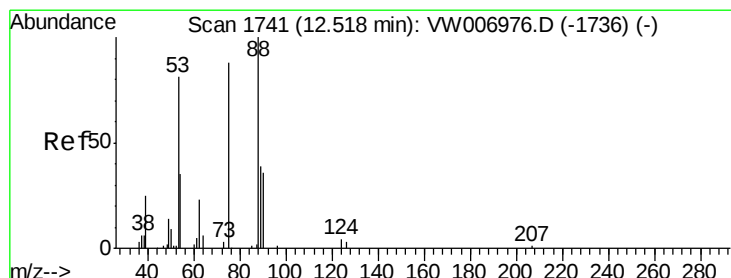
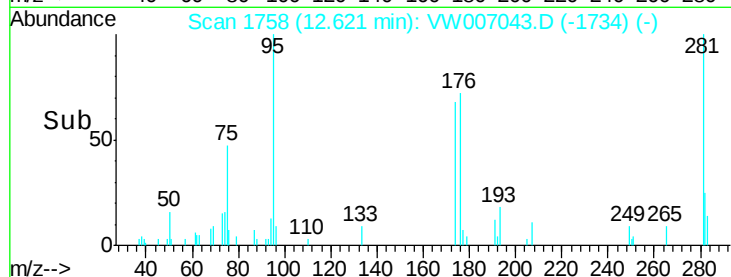
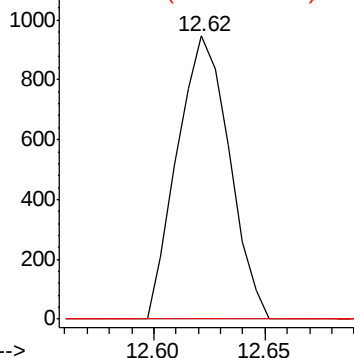
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 237.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007043.D

Acq: 26 Nov 2018 13:27

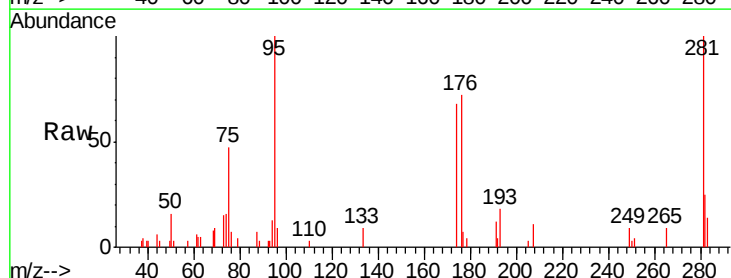
Tgt Ion: 75 Resp: 1542

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

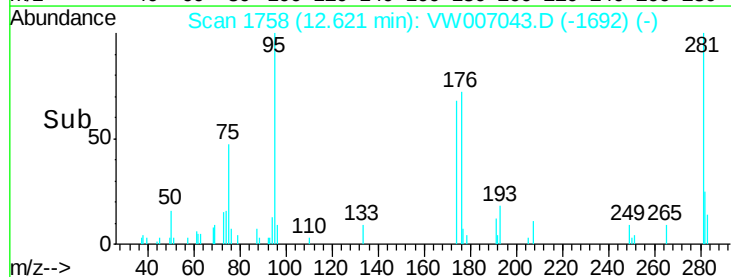
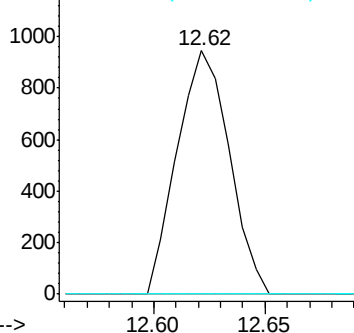
89 0.0 39.3 58.9#

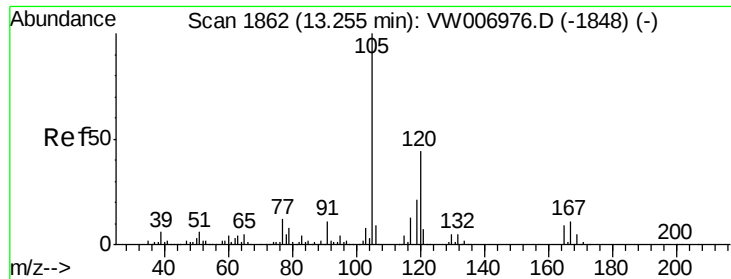


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

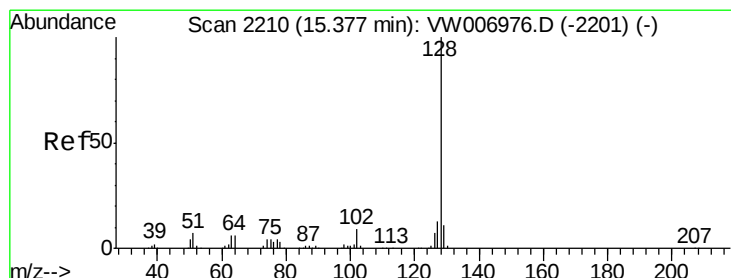
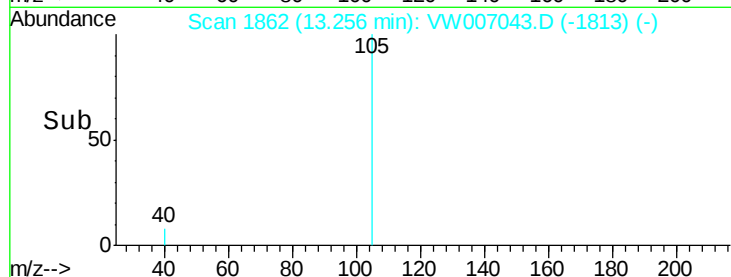
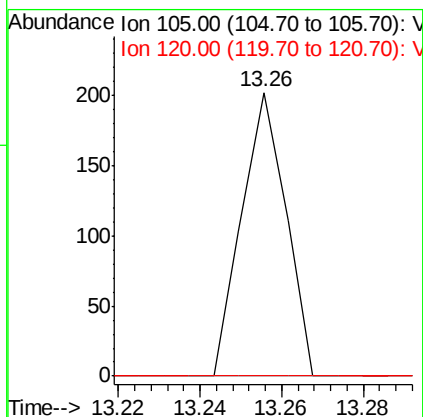
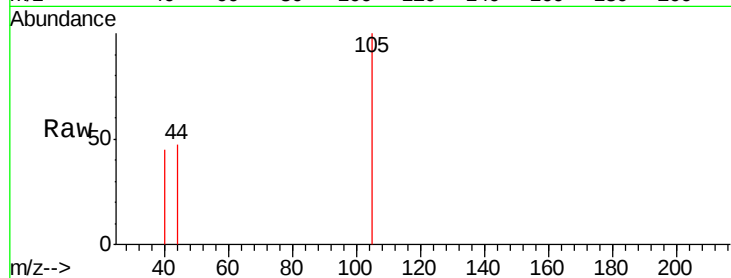




#84
 1,2,4-Trimethylbenzene
 Concen: 1.10 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1116-S-AB-4RE

Tgt Ion:105 Resp: 152
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.8 65.3#



#95
 Naphthalene
 Concen: 1.13 ug/l
 RT: 15.38 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: VW007043.D
 Acq: 26 Nov 2018 13:27

Tgt Ion:128 Resp: 84
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#

