

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007227.D
 Acq On : 05 Dec 2018 10:22
 Operator : SY/AP
 Sample : J6204-01
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 11:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	189419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70286	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	43803	38.29	ug/l	0.00
Spiked Amount			Recovery	=	76.58%	
35) Dibromofluoromethane	7.88	113	40611	37.44	ug/l	0.00
Spiked Amount			Recovery	=	74.88%	
50) Toluene-d8	10.32	98	174230	36.47	ug/l	0.00
Spiked Amount			Recovery	=	72.94%	
62) 4-Bromofluorobenzene	12.62	95	61353	34.02	ug/l	0.00
Spiked Amount			Recovery	=	68.04%	

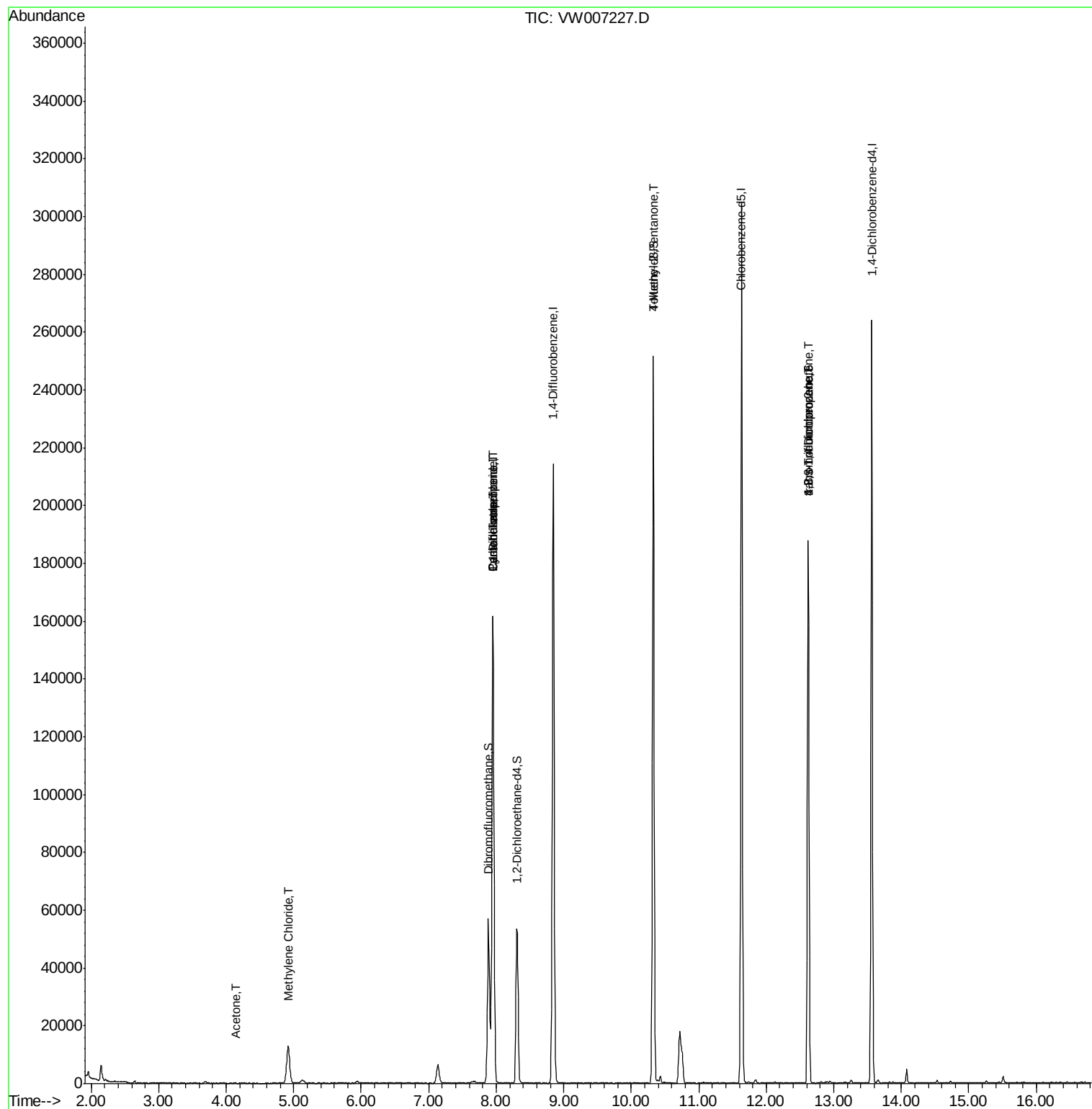
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	1269	Below Cal	#	75
16) Acetone	4.14	43	286	1.056	ug/l #	45
20) Methylene Chloride	4.92	84	10161	2.495	ug/l	96
31) Cyclohexane	7.95	56	2336	1.029	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	9132	4.955	ug/l #	51
38) Carbon Tetrachloride	7.95	117	12556	6.675	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	786	1.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	31196	57.321	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31196	123.548	ug/l #	13

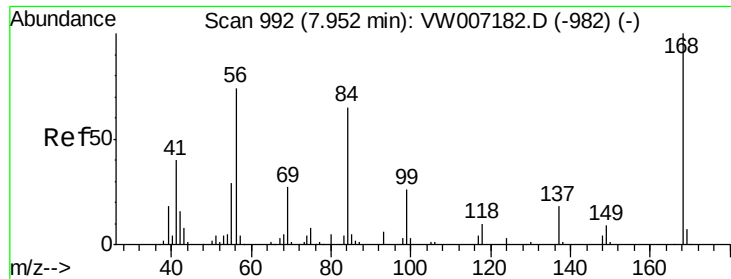
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 05 11:00:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007227.D

Acq: 05 Dec 2018 10:22

Instrument :

MSVOA_W

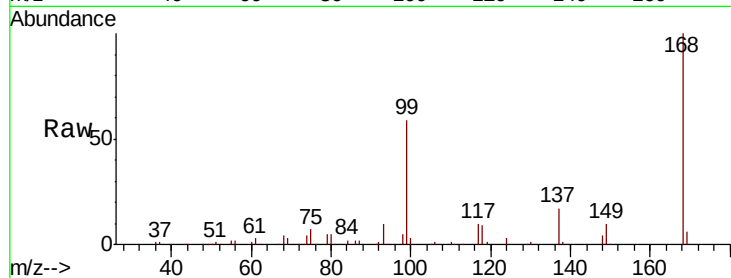
ClientSampled :

Tot Ion:168 Resp: 122878

Ion Ratio Lower Upper

168 100

99 59.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

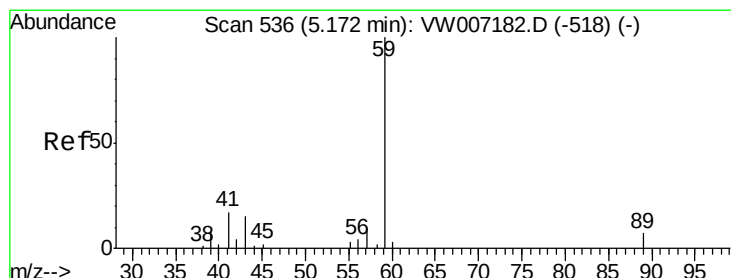
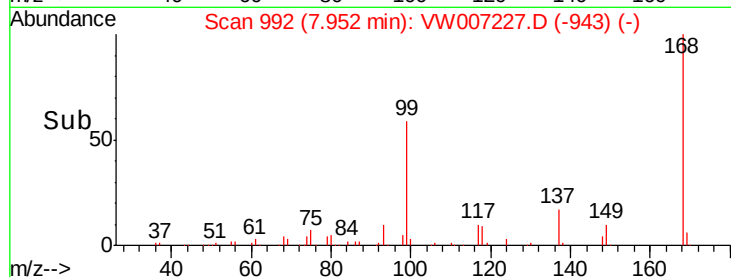
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007227.D

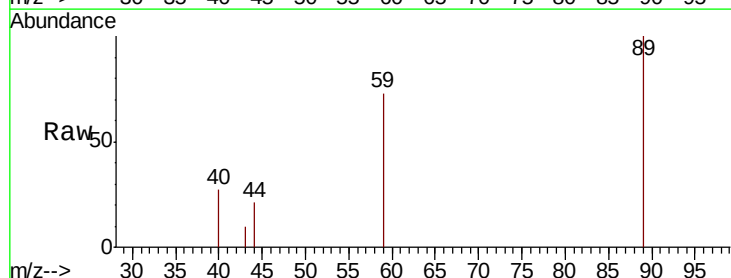
Acq: 05 Dec 2018 10:22

Tgt Ion: 59 Resp: 1269

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

400

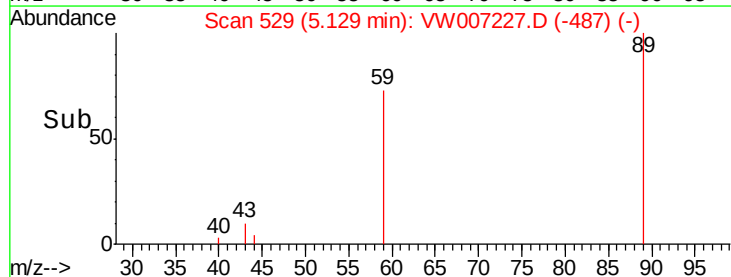
300

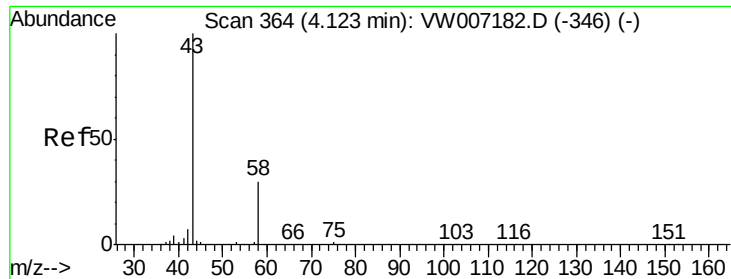
200

100

0

Time--> 5.05 5.10 5.15 5.20

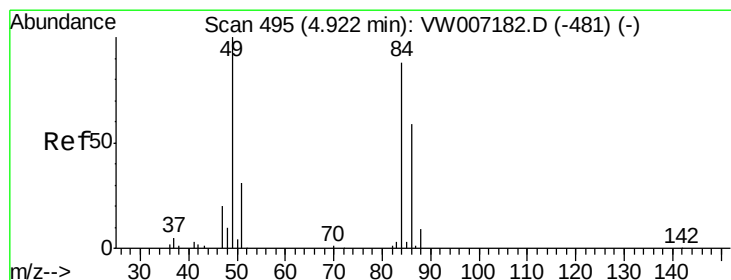
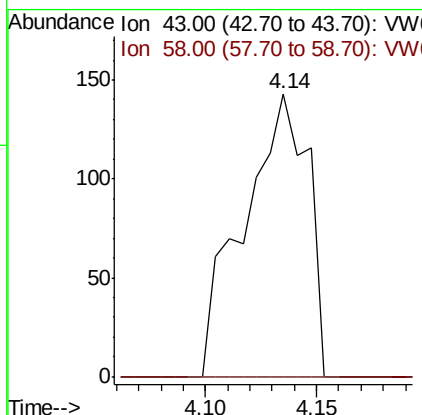
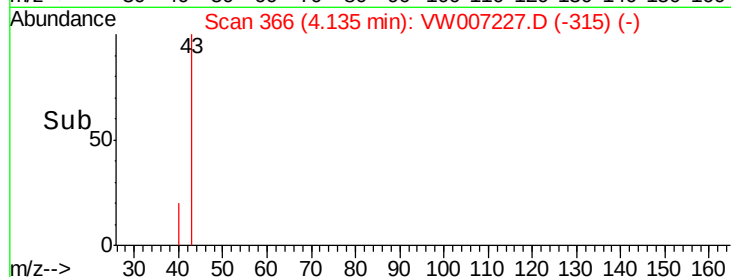
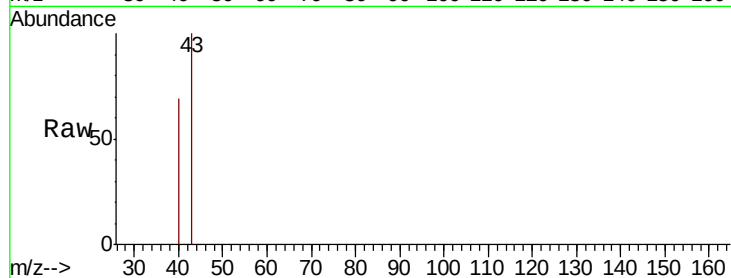




#16
Acetone
Concen: 1.056 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

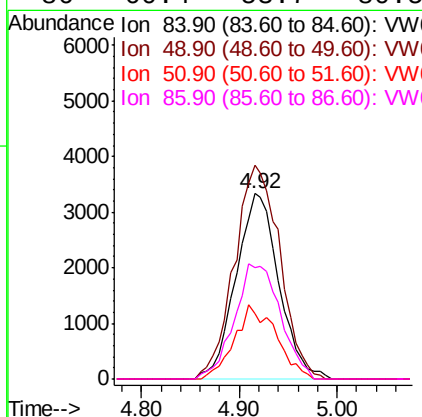
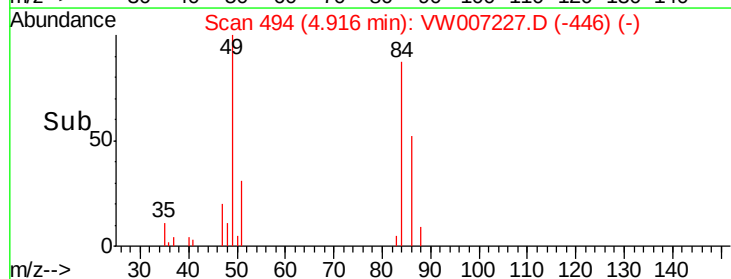
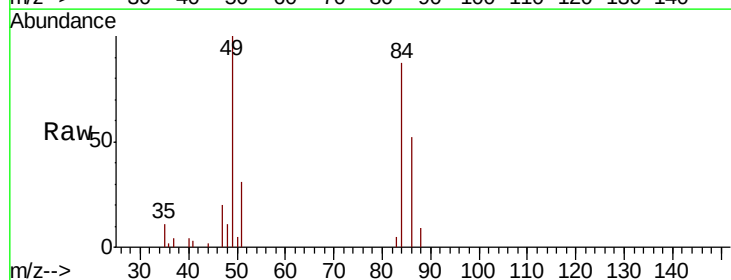
Instrument :
MSVOA_W
ClientSampleId :

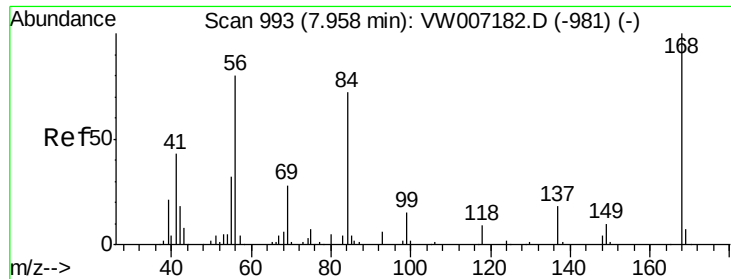
Tot Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 2.495 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Tgt Ion: 84 Resp: 10161
Ion Ratio Lower Upper
84 100
49 115.5 90.6 135.8
51 35.3 27.6 41.4
86 60.4 53.7 80.5

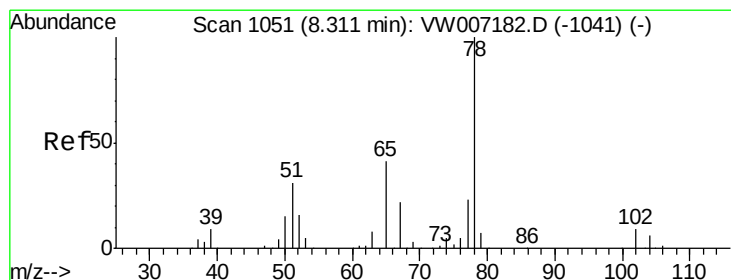
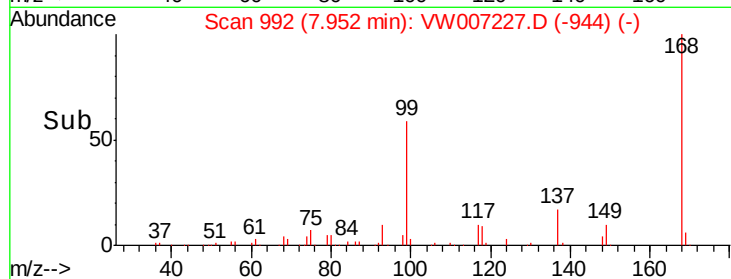
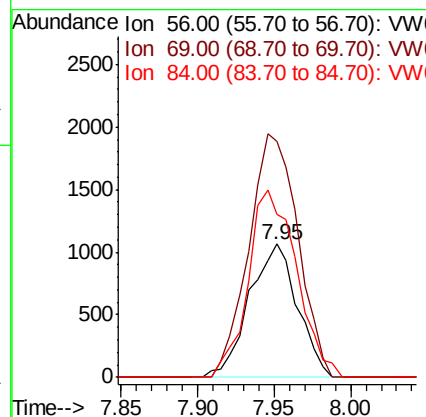
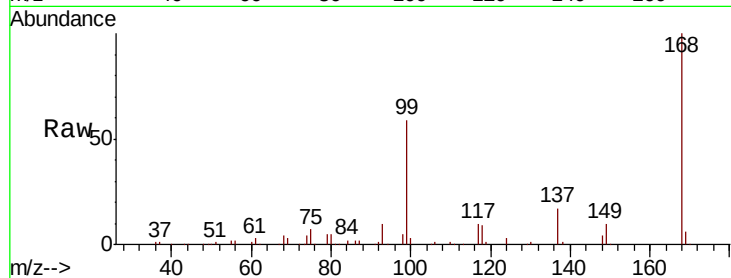




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

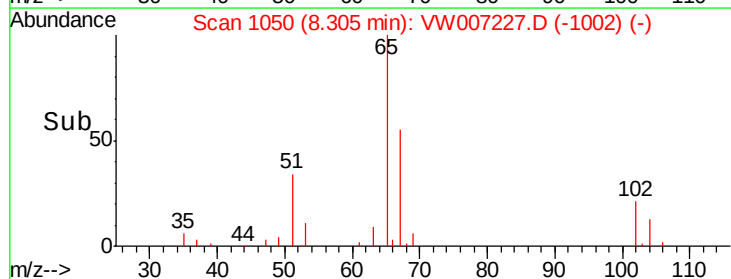
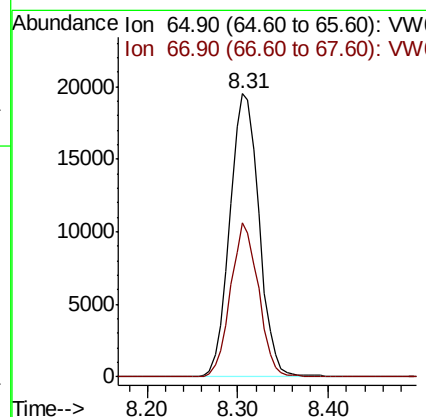
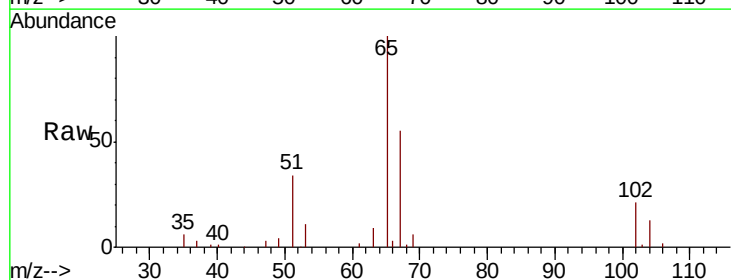
Instrument :
MSVOA_W
ClientSampleId :

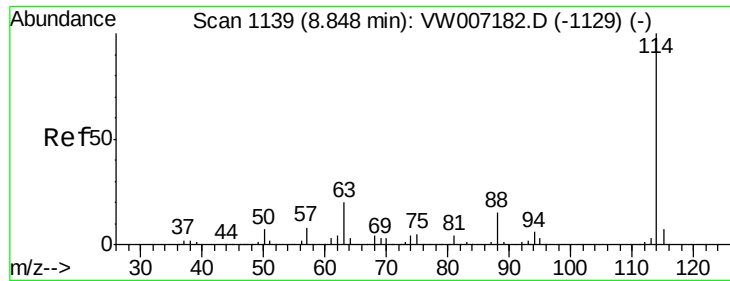
Tot Ion: 56 Resp: 2336
Ion Ratio Lower Upper
56 100
69 176.7 28.2 42.2#
84 122.0 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 38.288 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Tgt Ion: 65 Resp: 43803
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

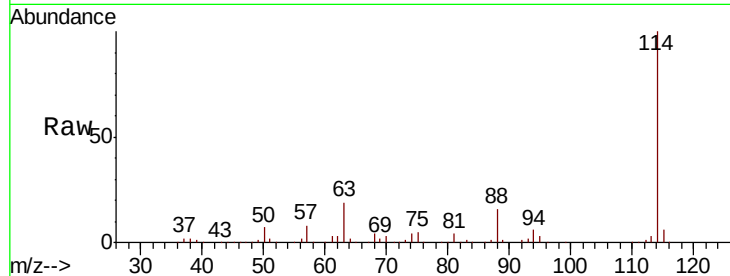




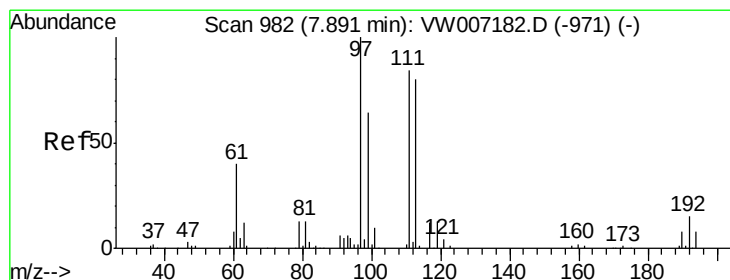
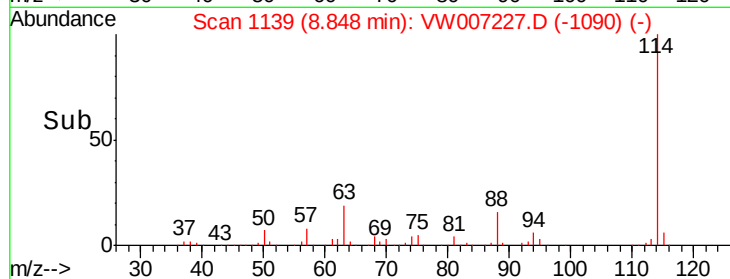
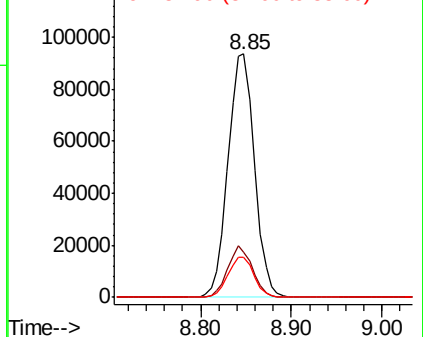
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 189419
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.2
88 16.4 0.0 30.0

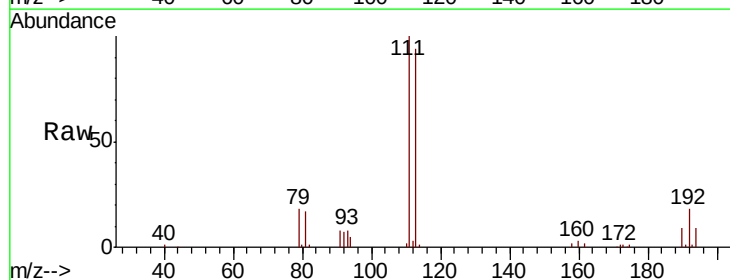


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

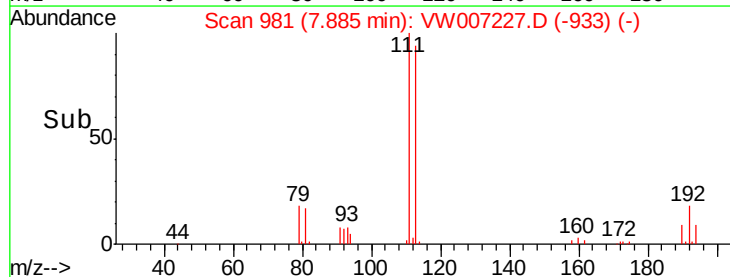
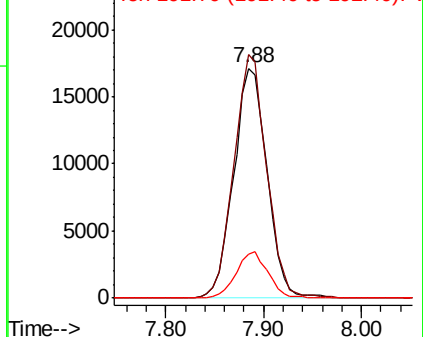


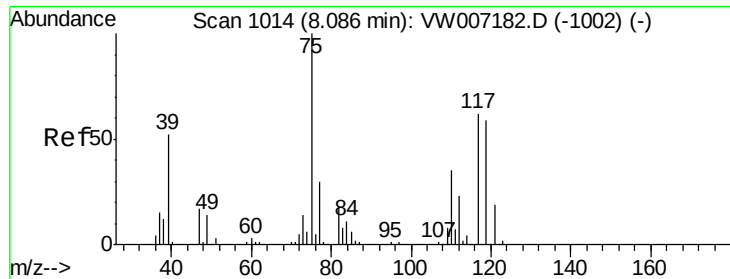
#35
Dibromofluoromethane
Concen: 37.443 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Tgt Ion:113 Resp: 40611
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.2 14.4 21.6



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

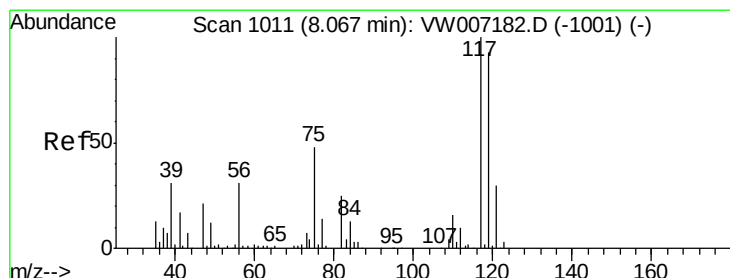
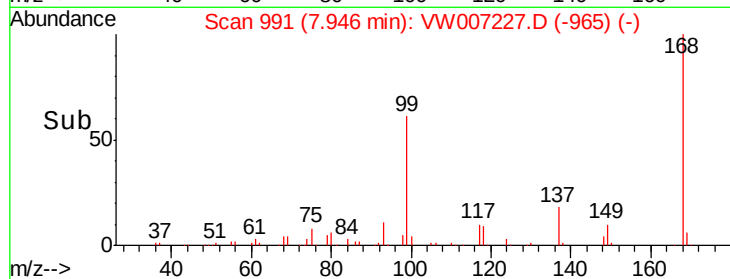
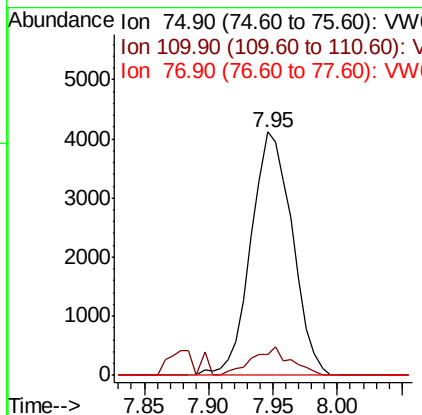
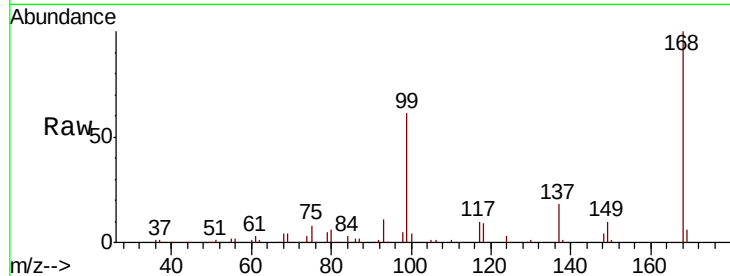




#36
 1,1-Dichloropropene
 Concen: 4.955 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007227.D
 Acq: 05 Dec 2018 10:22

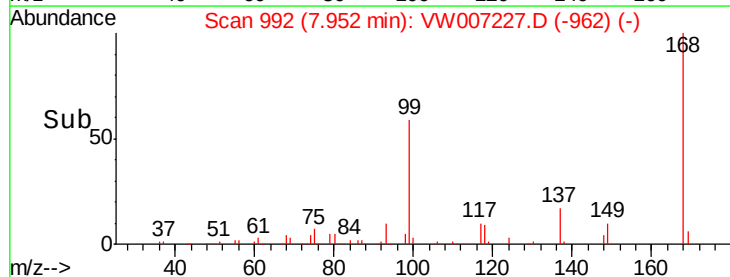
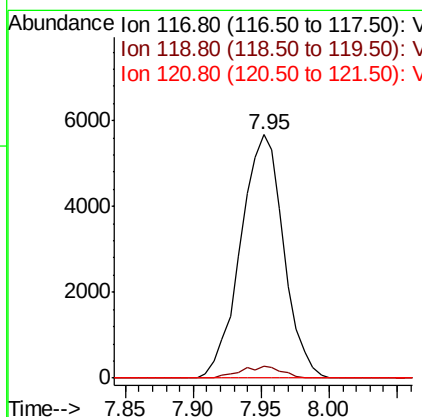
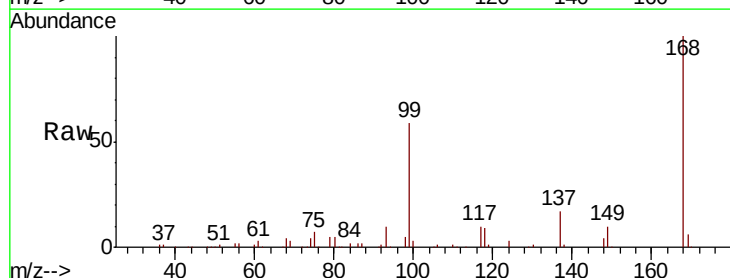
Instrument :
 MSVOA_W
 ClientSampled :

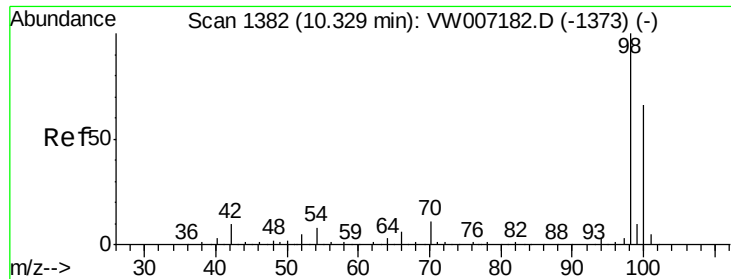
Tot Ion: 75 Resp: 9132
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.675 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007227.D
 Acq: 05 Dec 2018 10:22

Tgt Ion: 117 Resp: 12556
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.1 111.1#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 36.468 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007227.D

Acq: 05 Dec 2018 10:22

Instrument :

MSVOA_W

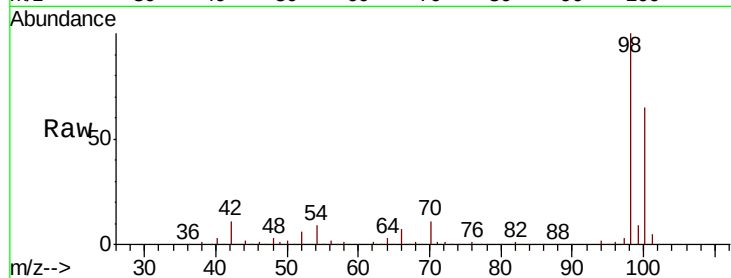
ClientSampled :

Tot Ion: 98 Resp: 174230

Ion Ratio Lower Upper

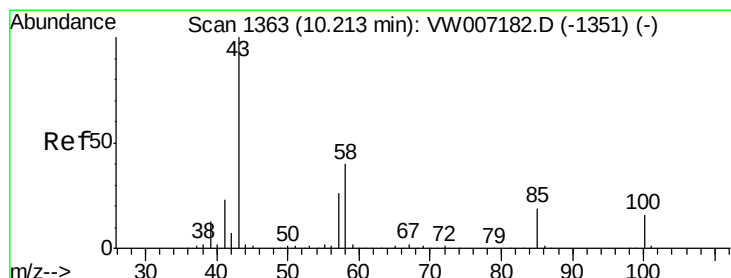
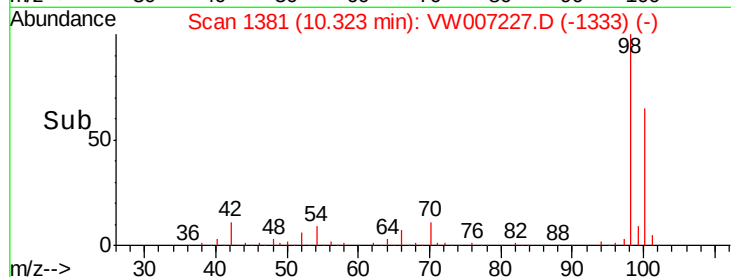
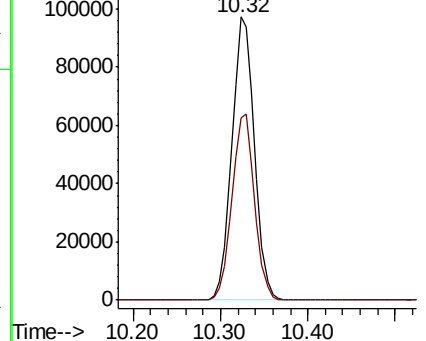
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.232 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007227.D

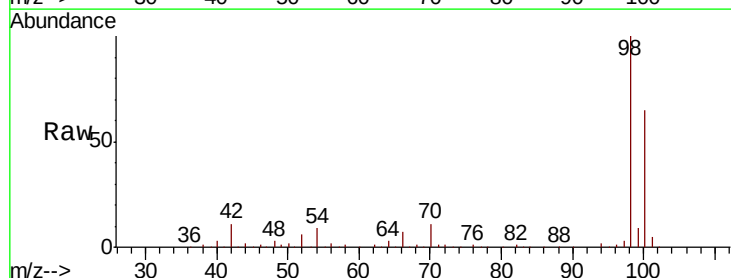
Acq: 05 Dec 2018 10:22

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

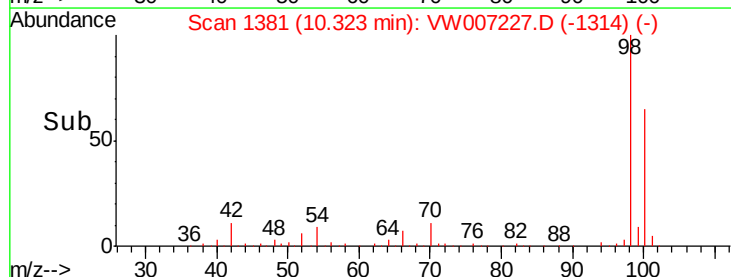
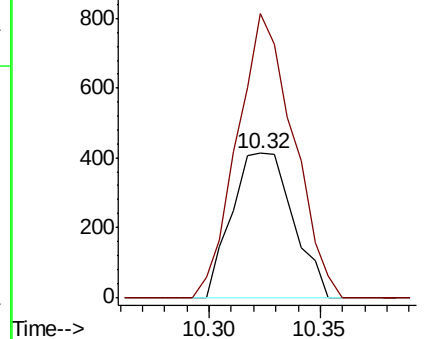
43 100

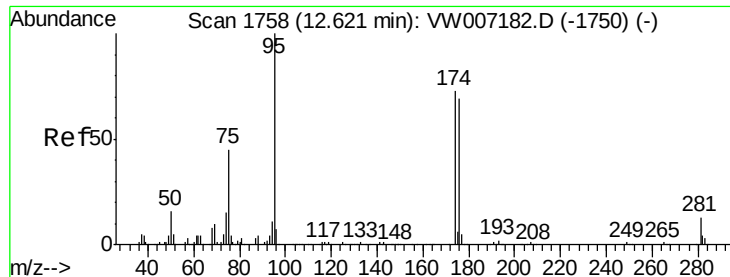
58 181.7 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

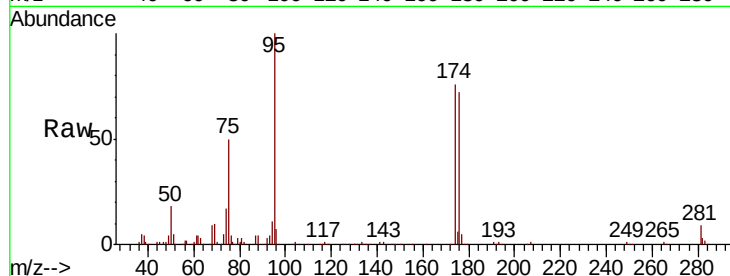




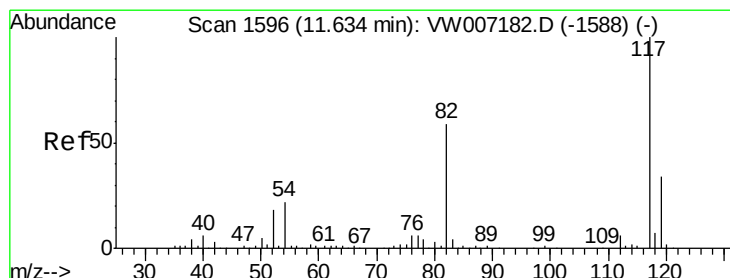
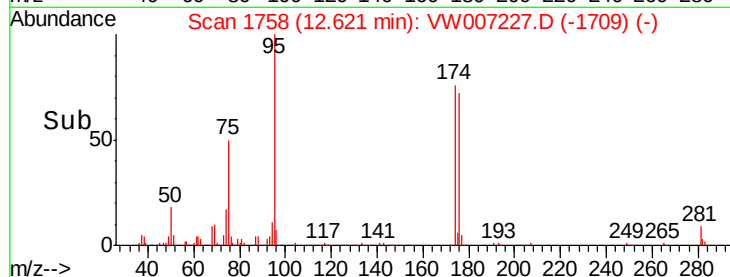
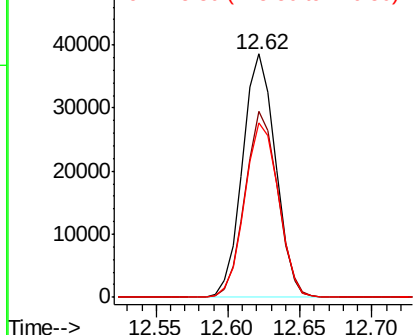
#62
4-Bromofluorobenzene
Concen: 34.022 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 95 Resp: 61353
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.0
176 73.6 0.0 139.4

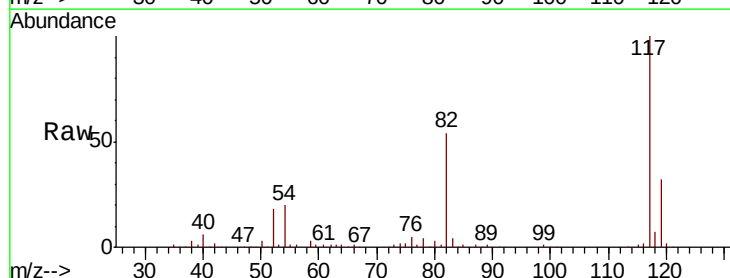


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

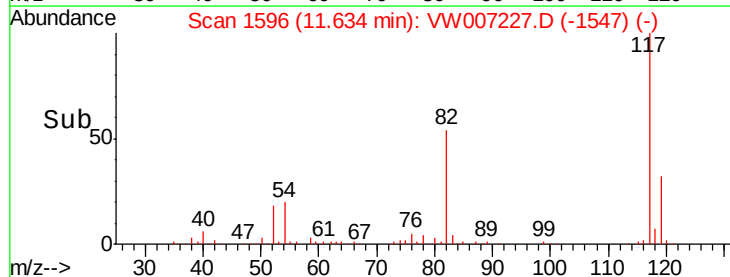
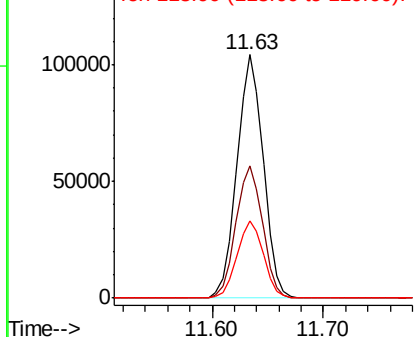


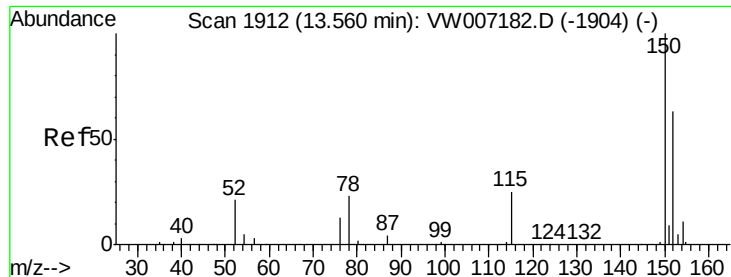
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007227.D
Acq: 05 Dec 2018 10:22

Tgt Ion: 117 Resp: 170179
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 31.9 26.8 40.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007227.D

Acq: 05 Dec 2018 10:22

Instrument :

MSVOA_W

ClientSampleId :

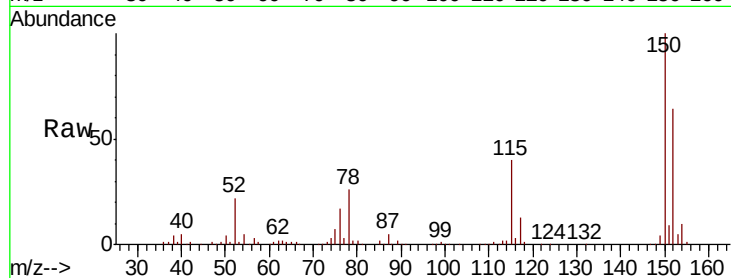
Tot Ion:152 Resp: 70286

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

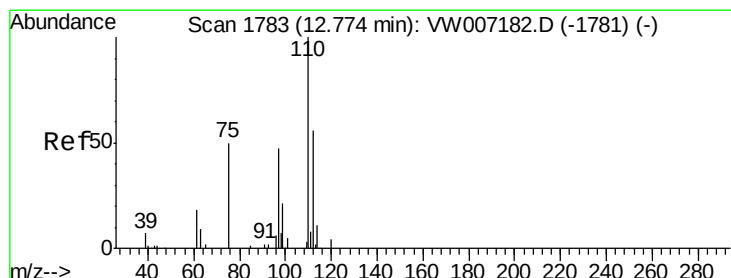
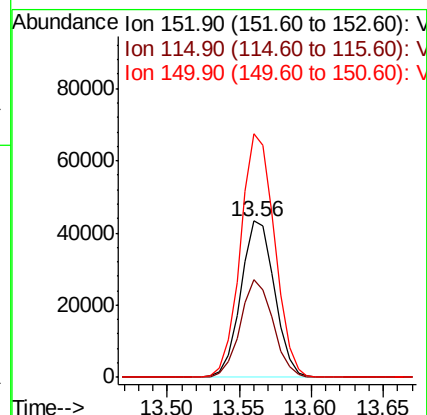
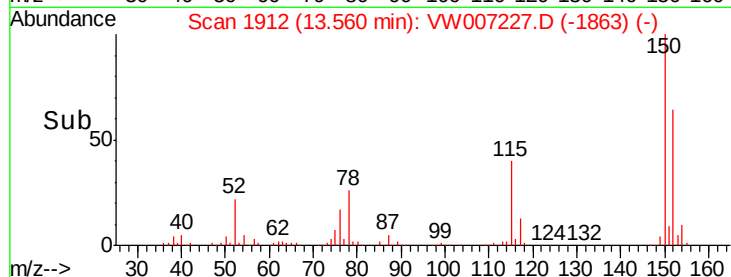
150 157.8 0.0 358.0



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: 57.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007227.D

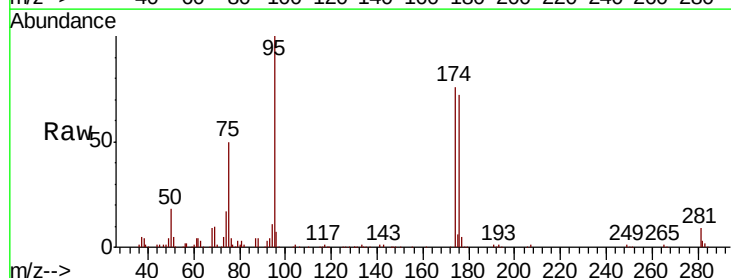
Acq: 05 Dec 2018 10:22

Tgt Ion: 75 Resp: 31196

Ion Ratio Lower Upper

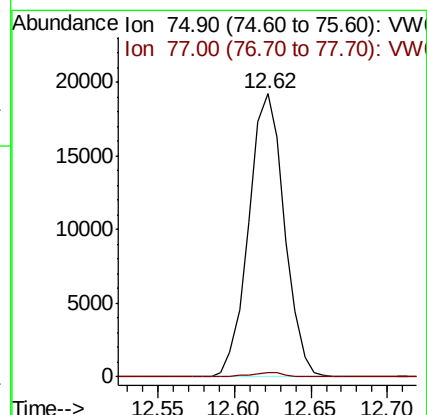
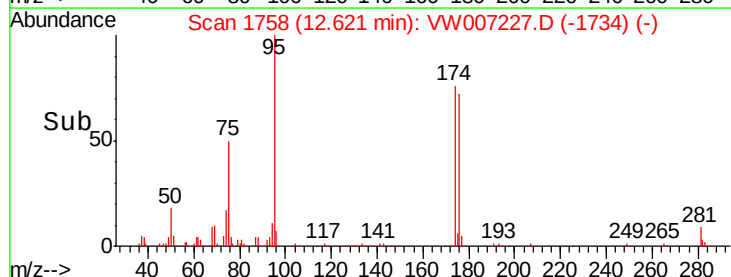
75 100

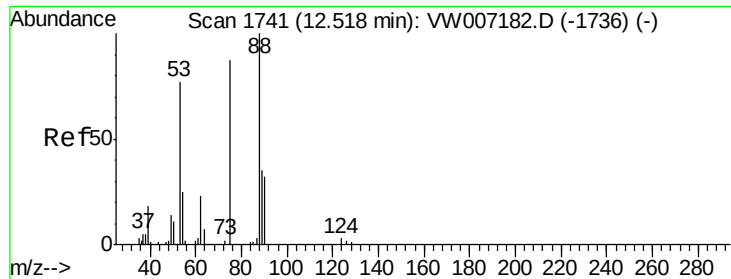
77 1.3 0.0 0.0#



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: 123.548 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007227.D

Acq: 05 Dec 2018 10:22

Instrument :

MSVOA_W

ClientSampleId :

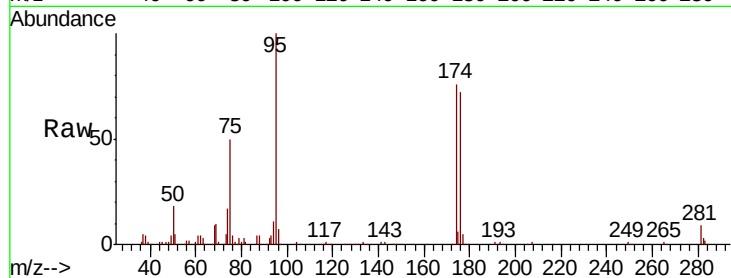
Tot Ion: 75 Resp: 31196

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



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

