

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007264.D
 Acq On : 06 Dec 2018 07:29
 Operator : SY/AP
 Sample : J6233-01
 Misc : 6.41G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:37:09 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	89928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	42017	50.18	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 100.36%
35) Dibromofluoromethane	7.89	113	39567	42.49	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 84.98%
50) Toluene-d8	10.33	98	154566	37.68	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 75.36%
62) 4-Bromofluorobenzene	12.62	95	57892	37.39	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 74.78%

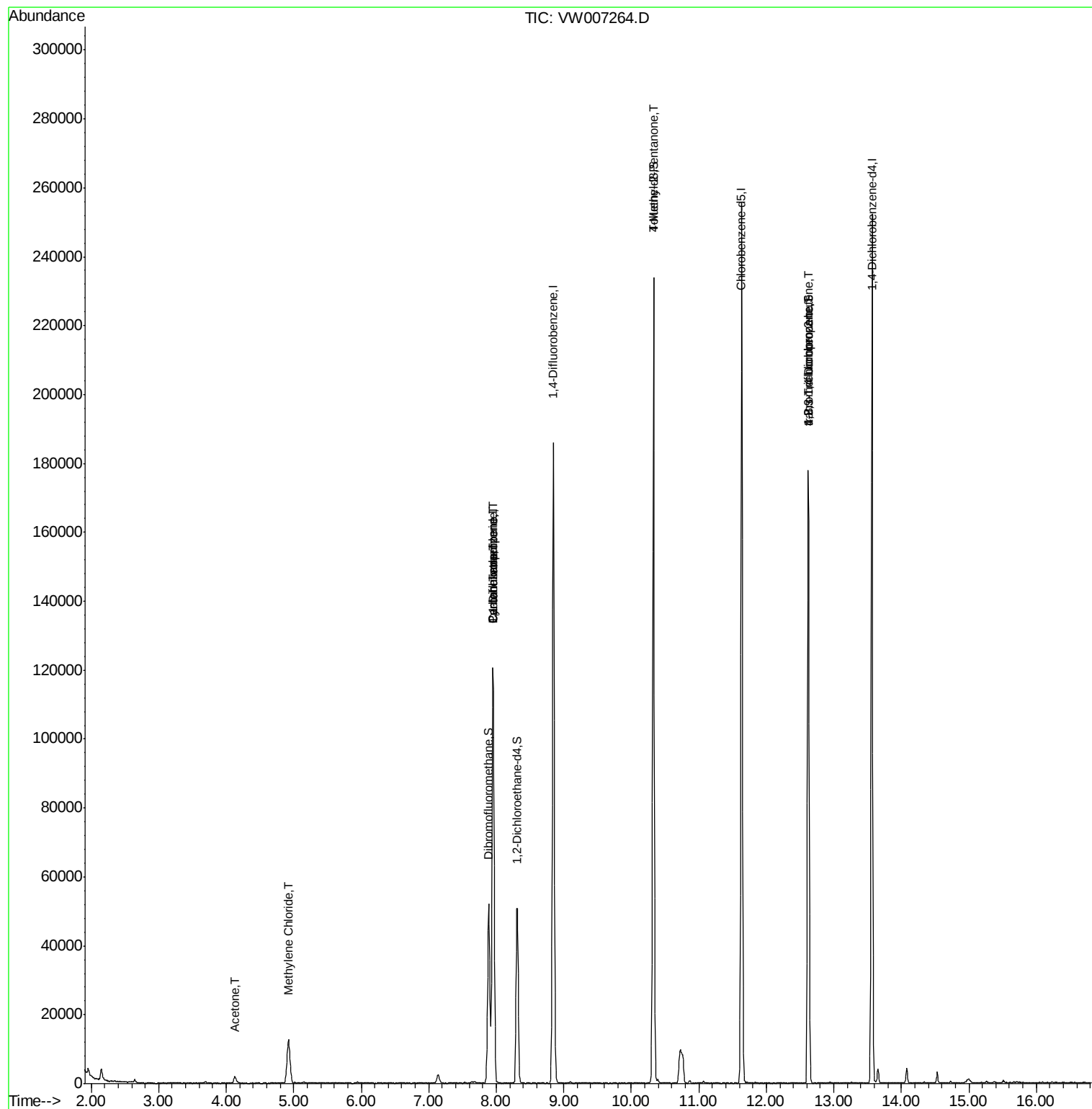
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	205	Below Cal	#	75
16) Acetone	4.13	43	3840	19.373	ug/l	98
20) Methylene Chloride	4.92	84	10249	5.641	ug/l	96
31) Cyclohexane	7.95	56	1713	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6800	4.297	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9253	5.728	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	616	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	28466	53.148	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28466	114.553	ug/l #	13

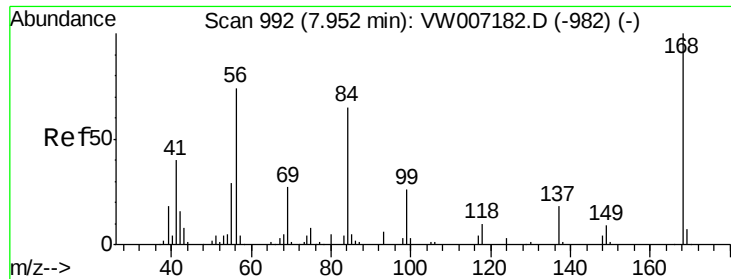
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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Quant Time: Dec 06 12:37:09 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: VW007264.D

Acq: 06 Dec 2018 07:29

Instrument :

MSVOA_W

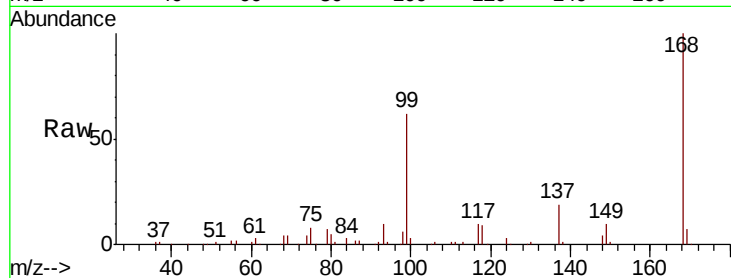
ClientSampled :

Tot Ion:168 Resp: 89928

Ion Ratio Lower Upper

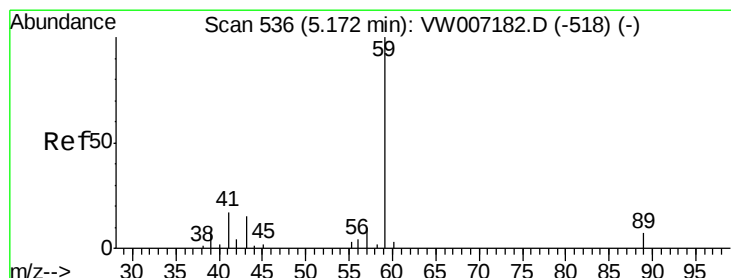
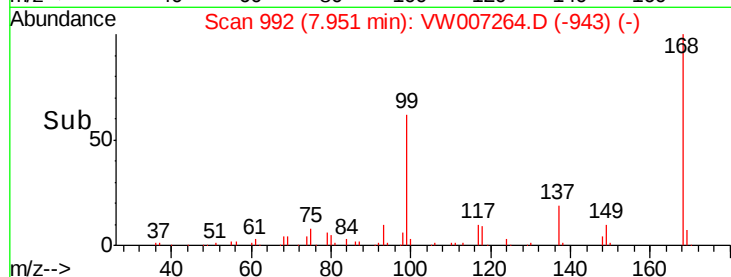
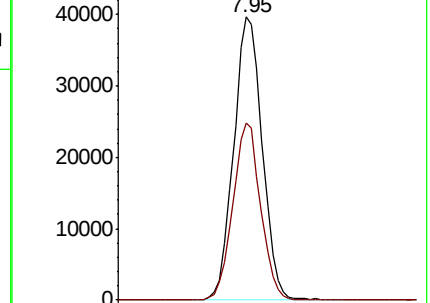
168 100

99 62.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.11 min Scan# 526

Delta R.T. -0.06 min

Lab File: VW007264.D

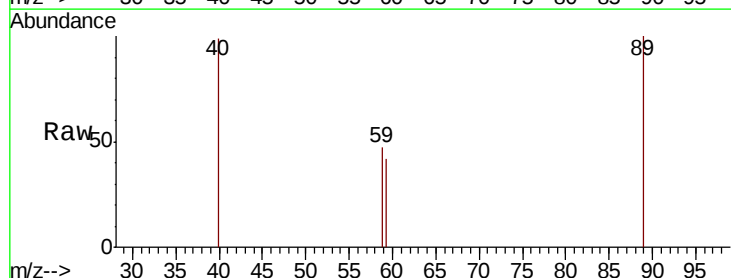
Acq: 06 Dec 2018 07:29

Tgt Ion: 59 Resp: 205

Ion Ratio Lower Upper

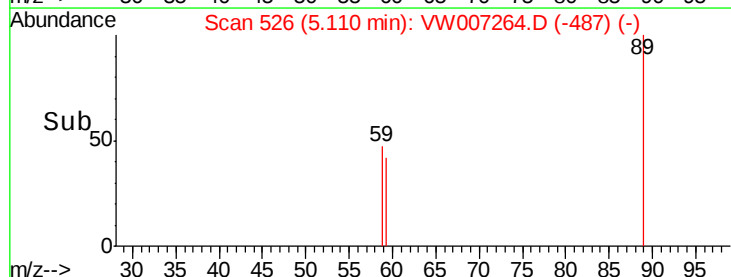
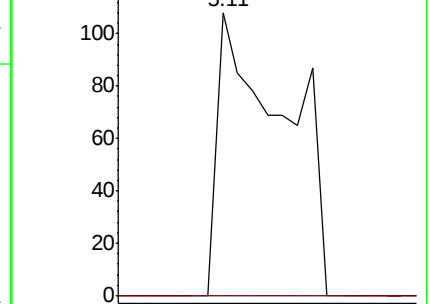
59 100

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





#16

Acetone

Concen: 19.373 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007264.D

Acq: 06 Dec 2018 07:29

Instrument :

MSVOA_W

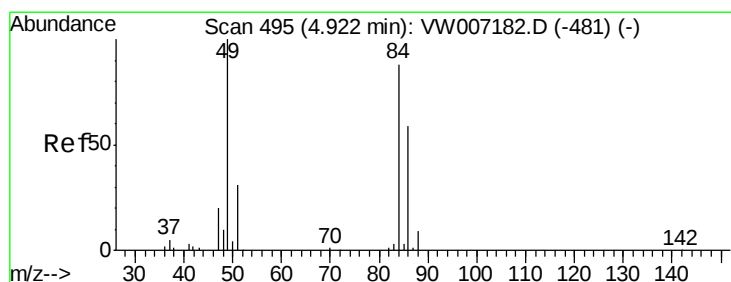
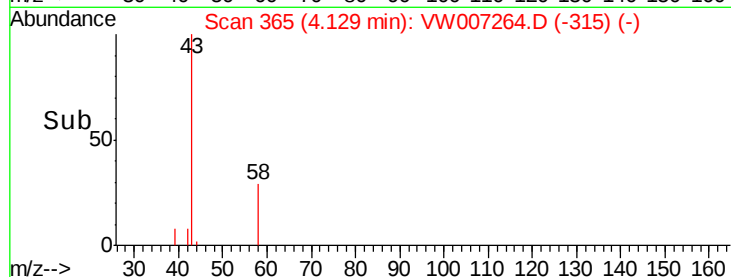
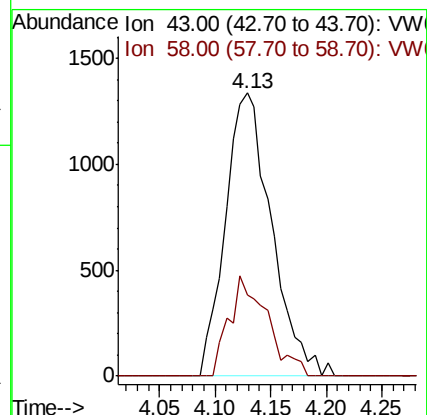
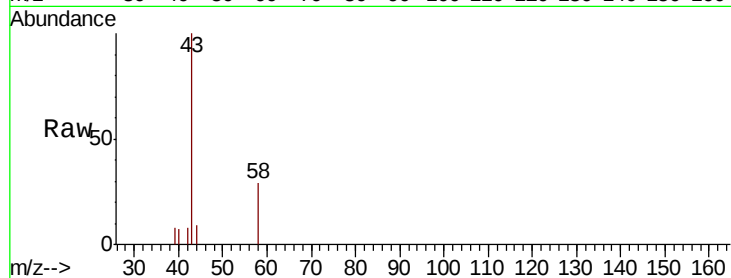
ClientSampled :

Tot Ion: 43 Resp: 3840

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.8



#20

Methylene Chloride

Concen: 5.641 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007264.D

Acq: 06 Dec 2018 07:29

Tgt Ion: 84 Resp: 10249

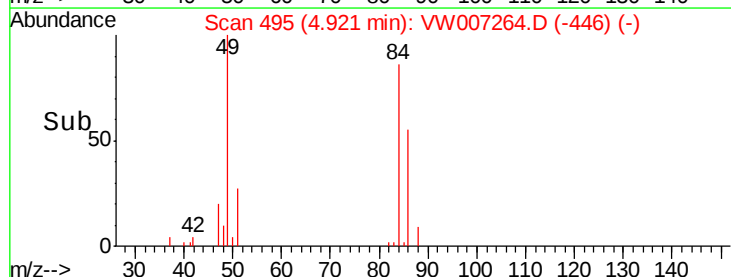
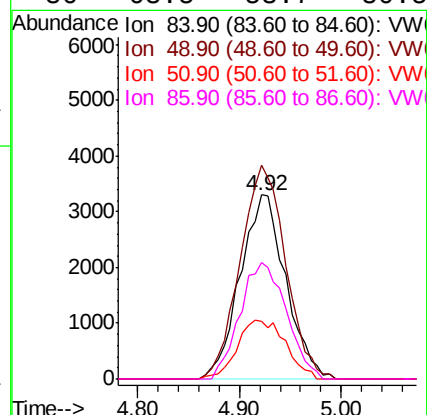
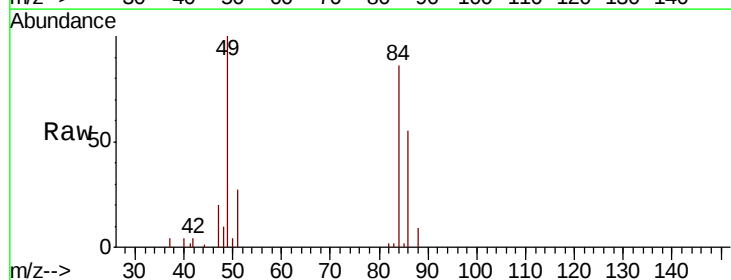
Ion Ratio Lower Upper

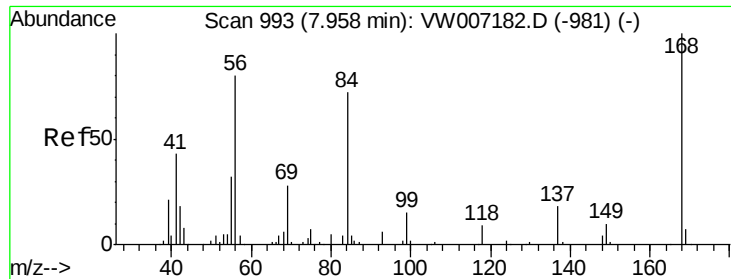
84 100

49 116.3 90.6 135.8

51 31.3 27.6 41.4

86 63.5 53.7 80.5

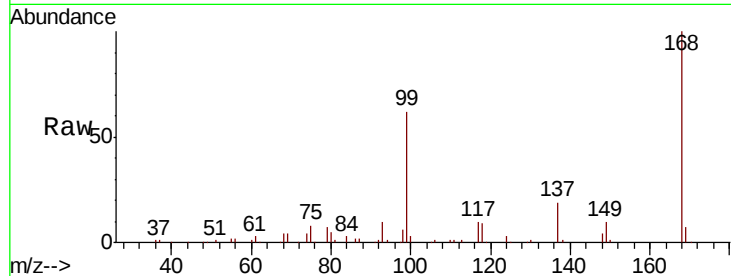




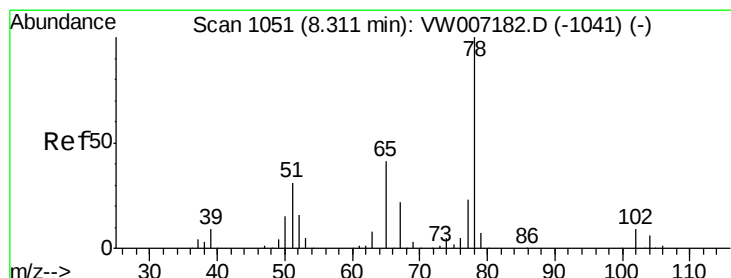
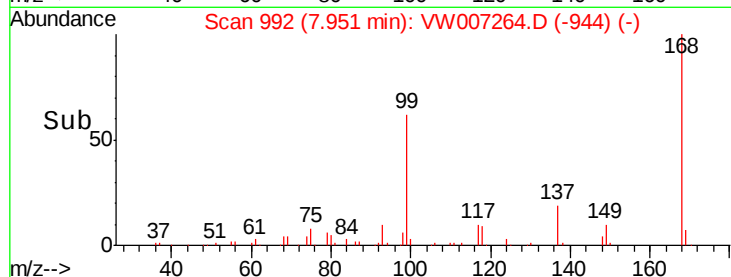
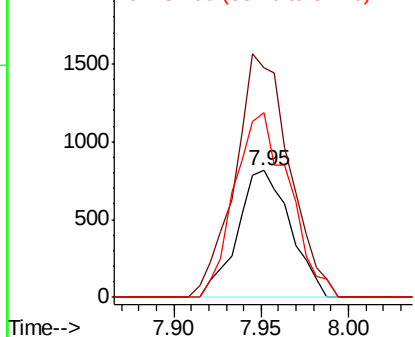
#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007264.D
Acq: 06 Dec 2018 07:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1713
Ion Ratio Lower Upper
56 100
69 181.2 28.2 42.2#
84 146.5 72.1 108.1#

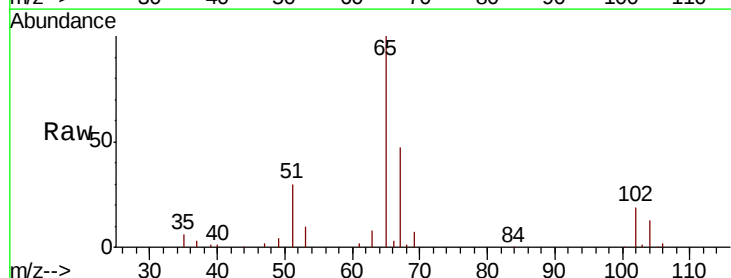


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

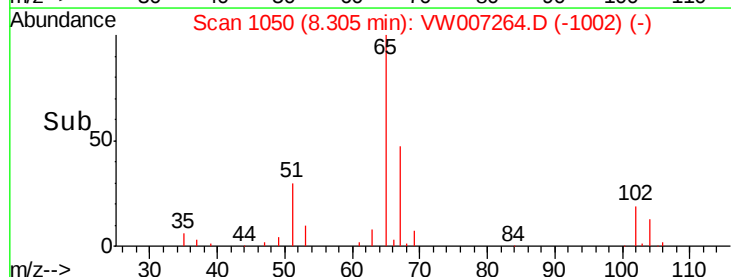
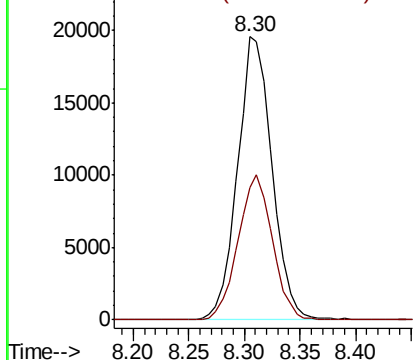


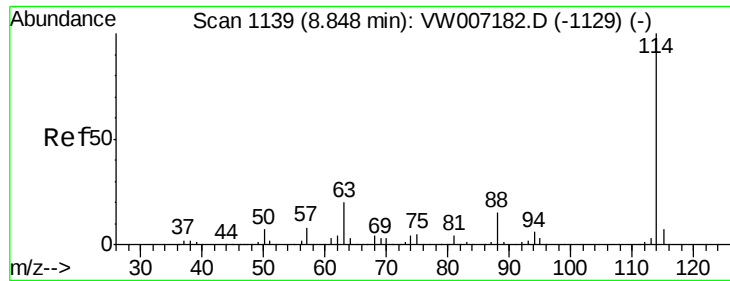
#33
1,2-Dichloroethane-d4
Concen: 50.184 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007264.D
Acq: 06 Dec 2018 07:29

Tgt Ion: 65 Resp: 42017
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.4



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

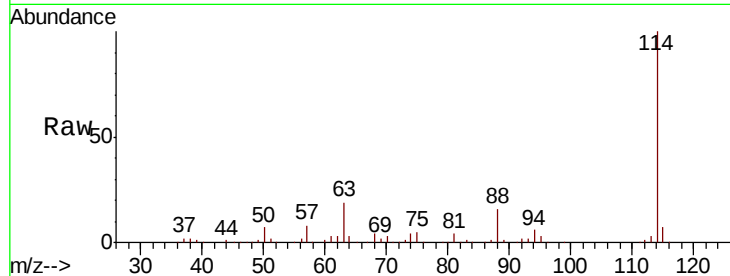




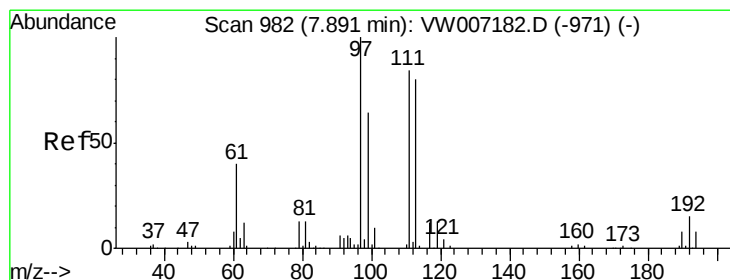
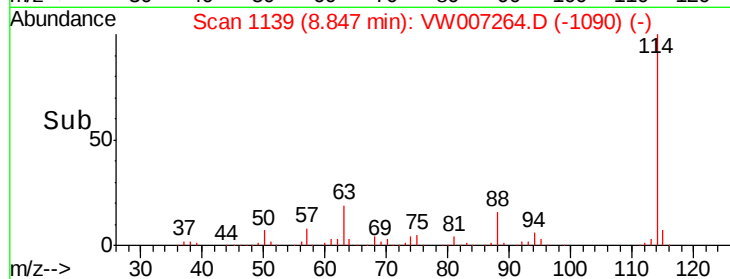
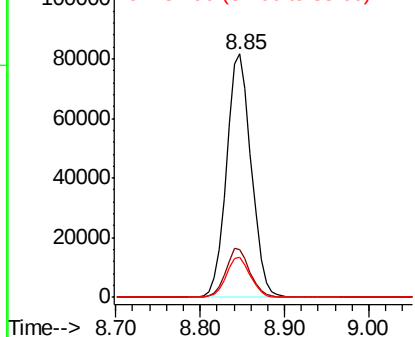
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007264.D
 Acq: 06 Dec 2018 07:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 162644
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 16.3 0.0 30.0

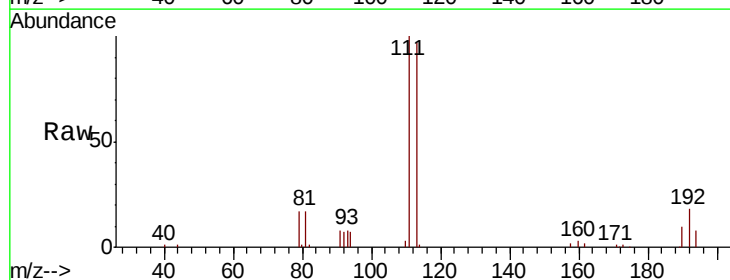


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

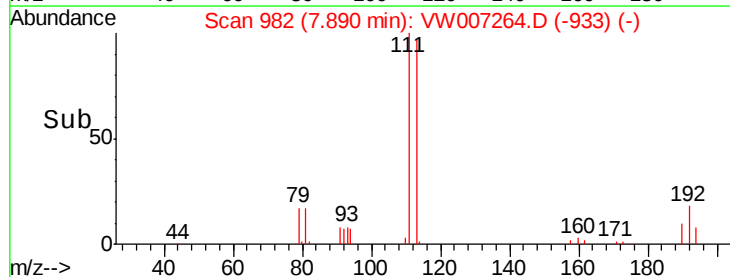
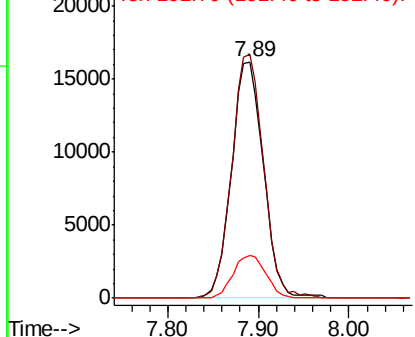


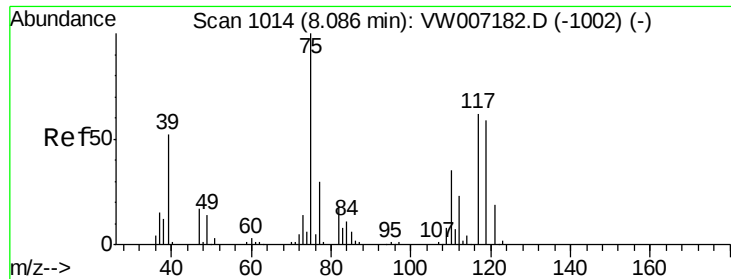
#35
 Dibromofluoromethane
 Concen: 42.486 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007264.D
 Acq: 06 Dec 2018 07:29

Tgt Ion:113 Resp: 39567
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.4 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

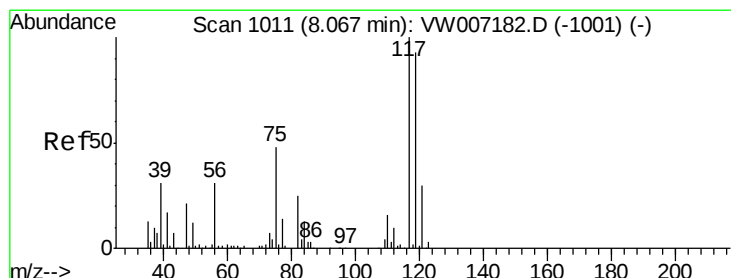
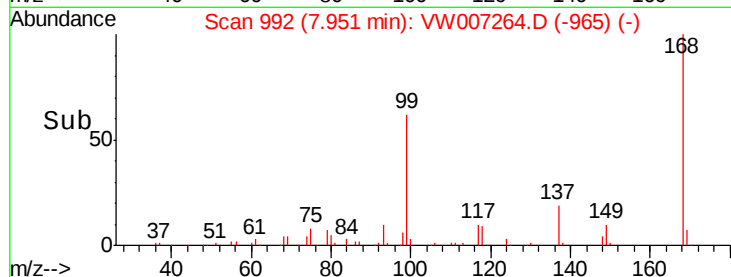
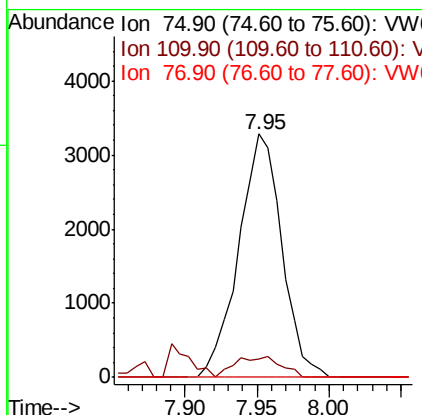
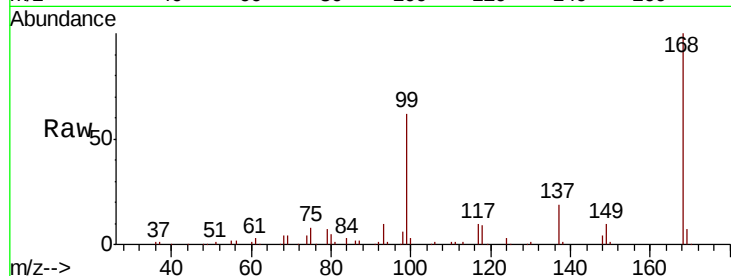




#36
 1,1-Dichloropropene
 Concen: 4.297 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007264.D
 Acq: 06 Dec 2018 07:29

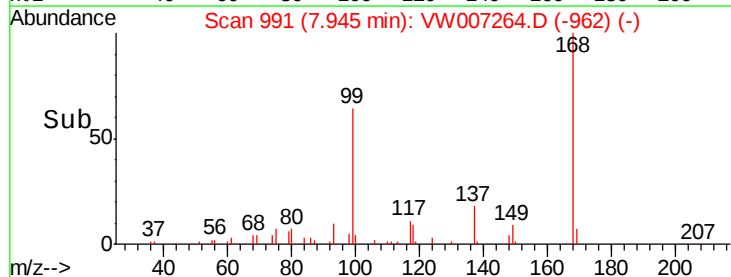
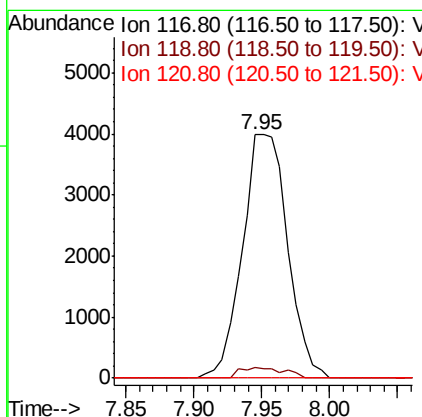
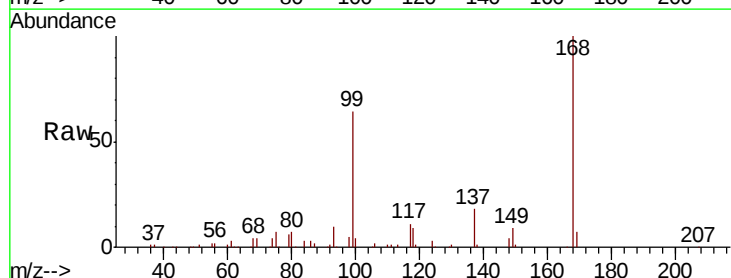
Instrument :
 MSVOA_W
 ClientSampleId :

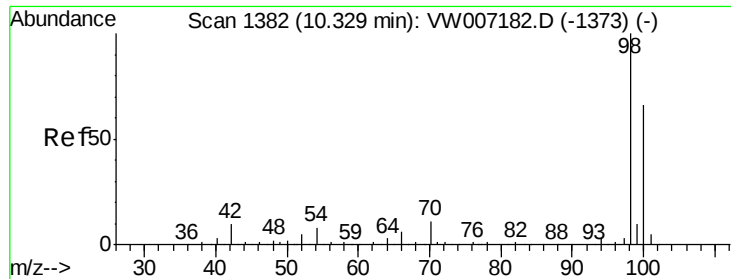
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.728 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007264.D
 Acq: 06 Dec 2018 07:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 37.678 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007264.D

Acq: 06 Dec 2018 07:29

Instrument :

MSVOA_W

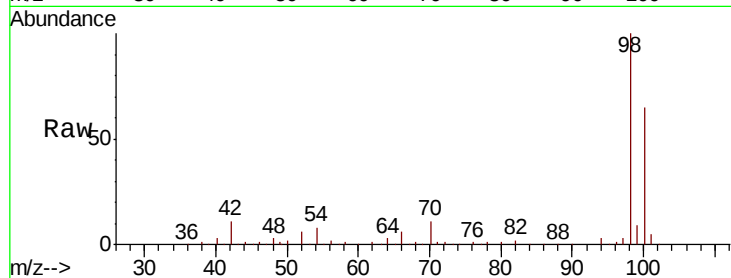
ClientSampleId :

Tot Ion: 98 Resp: 154566

Ion Ratio Lower Upper

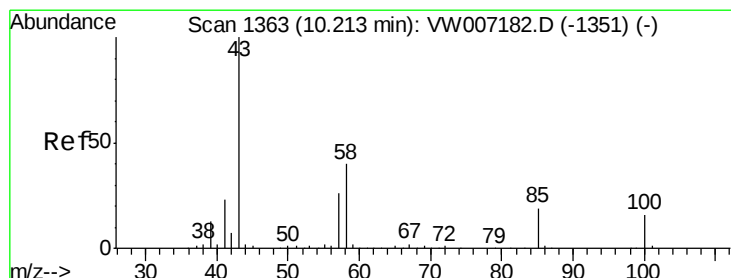
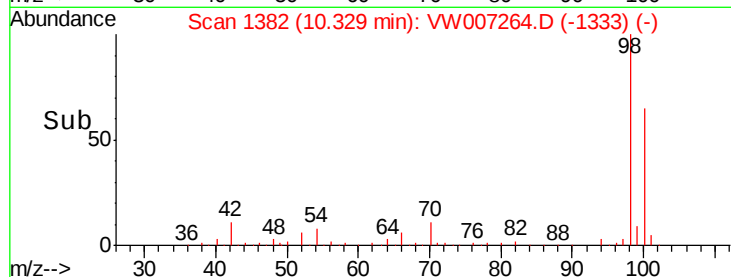
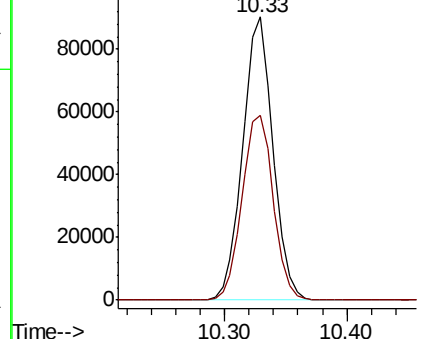
98 100

100 67.6 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: 1.124 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007264.D

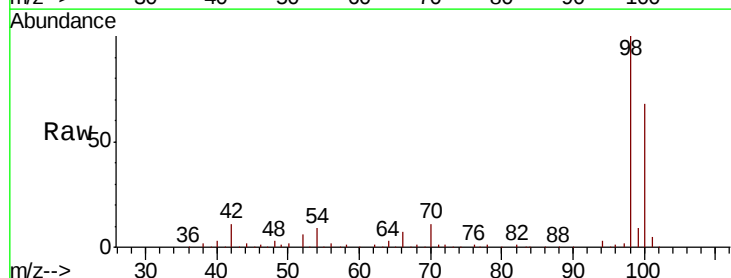
Acq: 06 Dec 2018 07:29

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

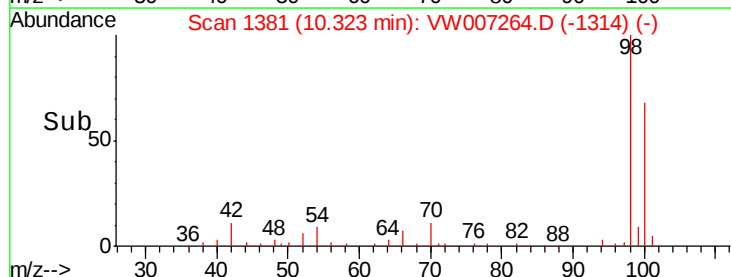
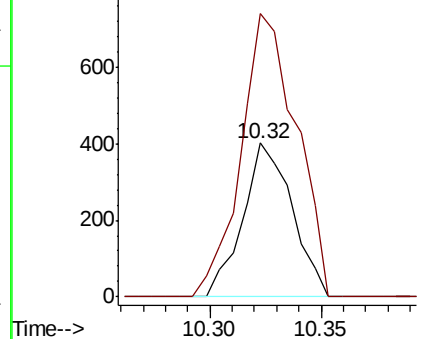
43 100

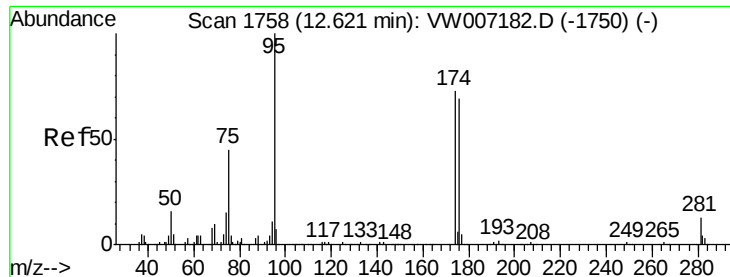
58 207.5 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

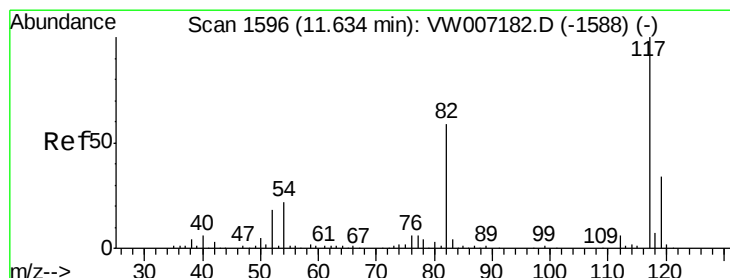
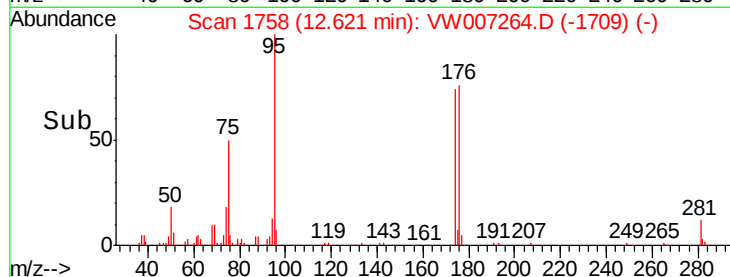
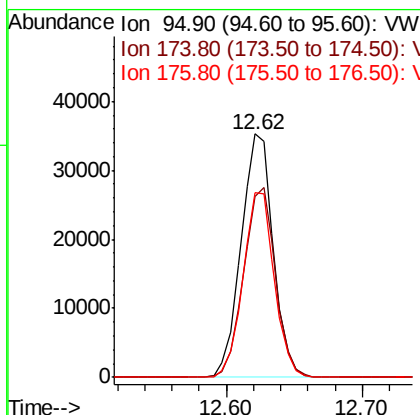
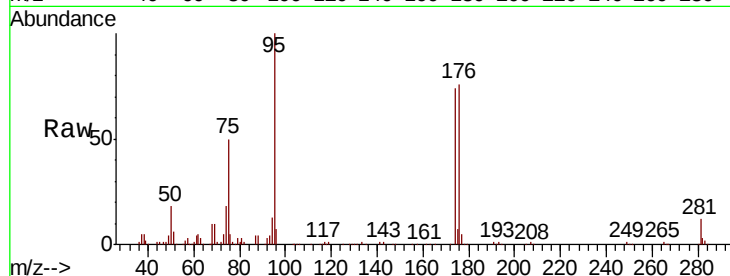




#62
4-Bromofluorobenzene
Concen: 37.388 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007264.D
Acq: 06 Dec 2018 07:29

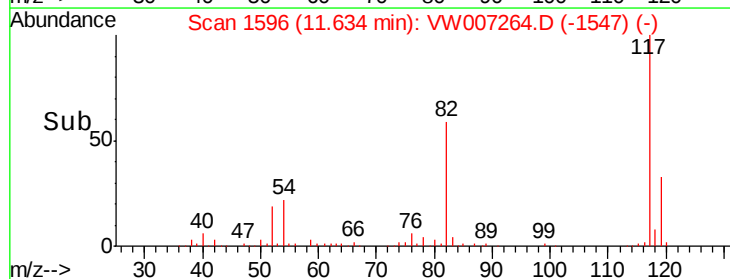
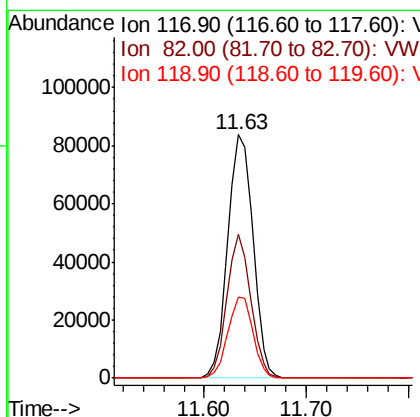
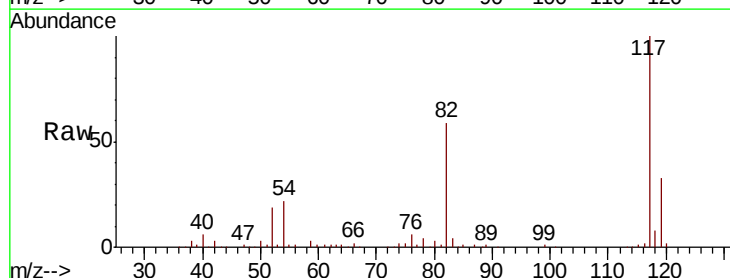
Instrument :
MSVOA_W
ClientSampleId :

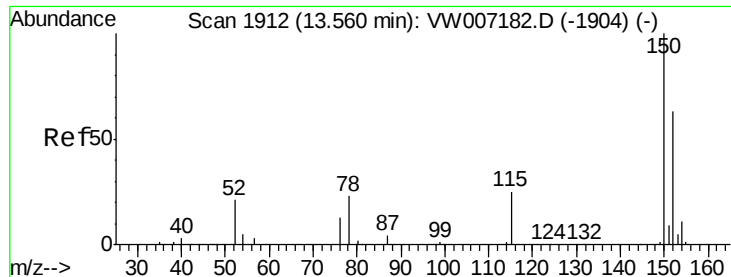
Tot Ion: 95 Resp: 57892
Ion Ratio Lower Upper
95 100
174 77.5 0.0 148.0
176 74.4 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007264.D
Acq: 06 Dec 2018 07:29

Tgt Ion: 117 Resp: 143679
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.4 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007264.D

Acq: 06 Dec 2018 07:29

Instrument :

MSVOA_W

ClientSampleId :

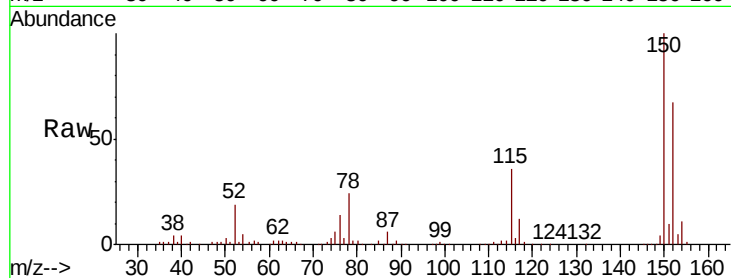
Tot Ion:152 Resp: 69171

Ion Ratio Lower Upper

152 100

115 58.8 31.3 93.8

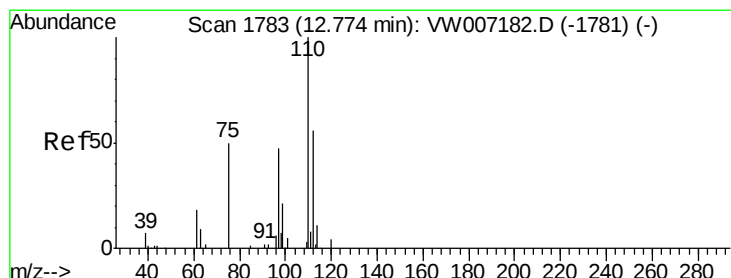
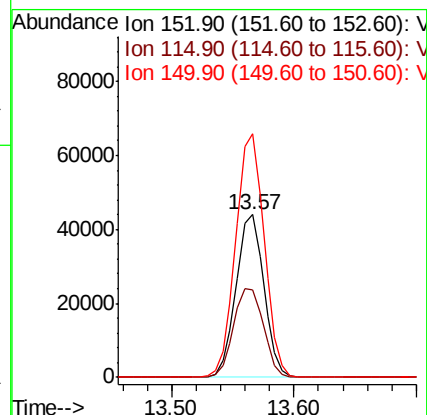
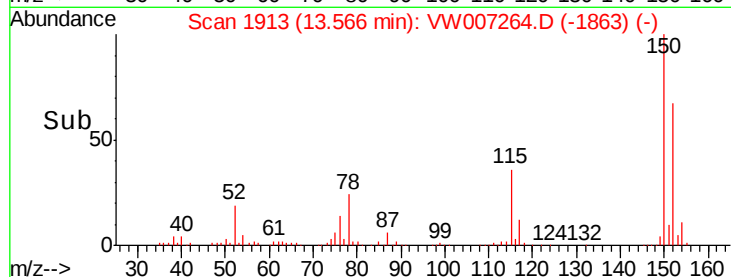
150 153.6 0.0 358.0



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: 53.148 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007264.D

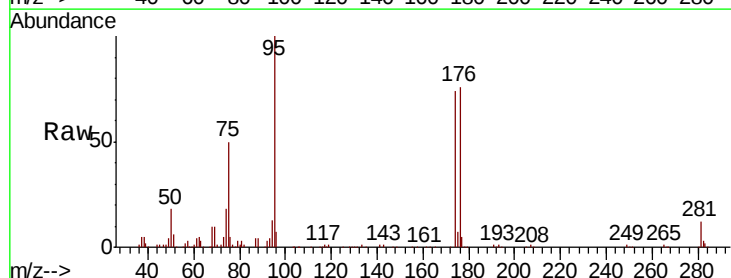
Acq: 06 Dec 2018 07:29

Tgt Ion: 75 Resp: 28466

Ion Ratio Lower Upper

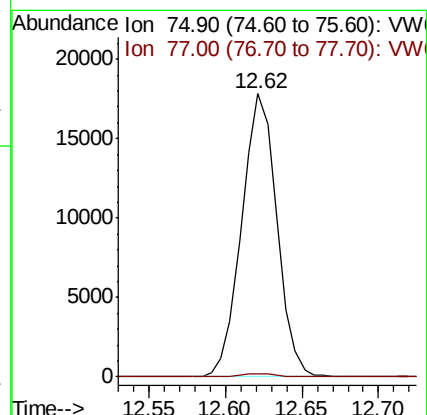
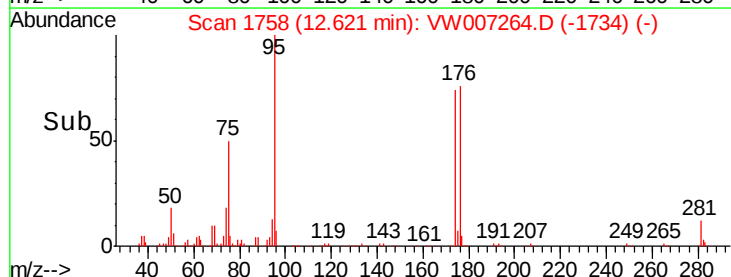
75 100

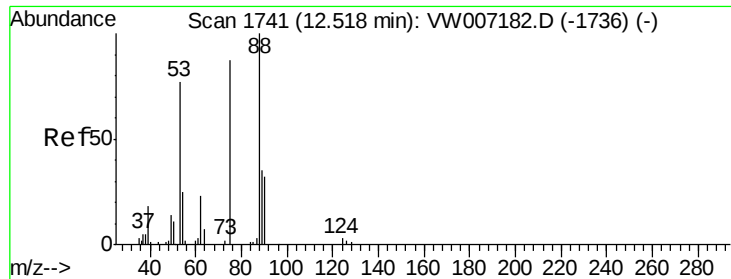
77 1.2 0.0 0.0#



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: 114.553 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007264.D

Acq: 06 Dec 2018 07:29

Instrument :

MSVOA_W

ClientSampleId :

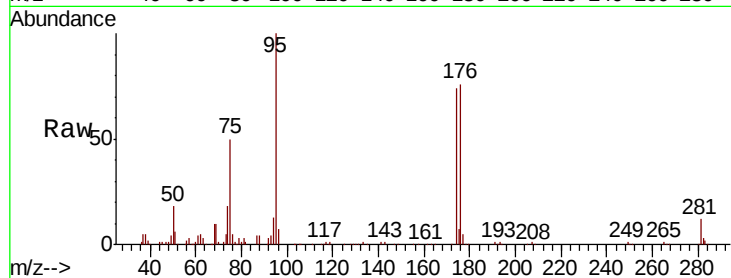
Tot Ion: 75 Resp: 28466

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

