

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007613.D
 Acq On : 16 Dec 2018 06:24
 Operator : SY/AP
 Sample : J6378-19
 Misc : 4.76G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:17:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18692	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	43164	60.65	ug/l	0.00
Spiked Amount			Recovery	=	121.30%	
35) Dibromofluoromethane	7.88	113	38257	58.05	ug/l	0.00
Spiked Amount			Recovery	=	116.10%	
50) Toluene-d8	10.32	98	95361	38.59	ug/l	0.00
Spiked Amount			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.62	95	26811	29.51	ug/l	0.00
Spiked Amount			Recovery	=	59.02%	

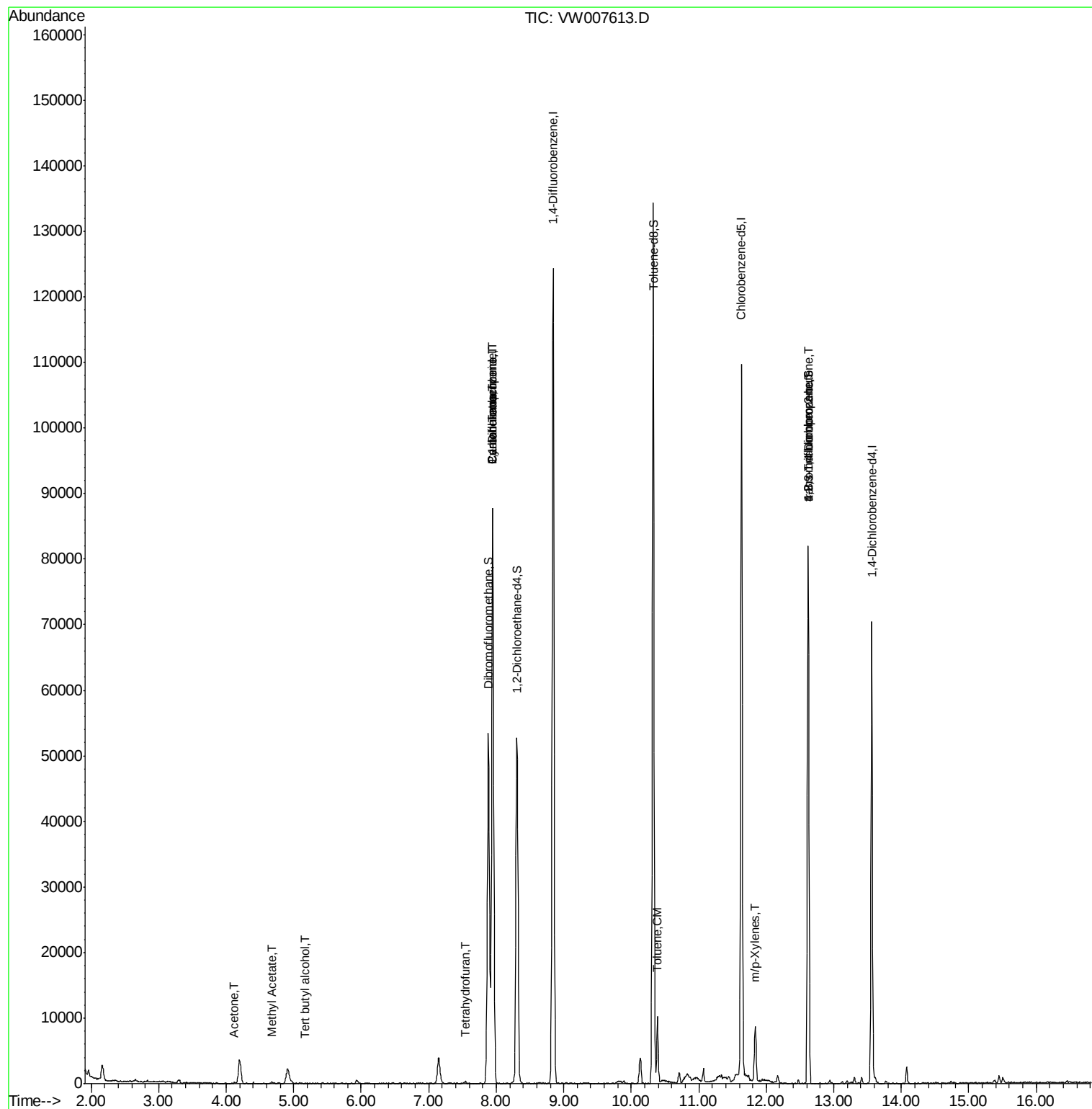
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	64	1.309	ug/l #	74
16) Acetone	4.12	43	277	2.228	ug/l #	44
18) Methyl Acetate	4.68	43	434	1.286	ug/l #	70
20) Methylene Chloride	4.91	84	2139	Below Cal	#	77
29) Tetrahydrofuran	7.53	42	169	1.645	ug/l #	30
31) Cyclohexane	7.95	56	1264	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4784	4.817	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6876	6.363	ug/l #	16
52) Toluene	10.39	92	4336	2.431	ug/l	98
68) m/p-Xylenes	11.83	106	2573	3.010	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	13282	86.179	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13282	190.370	ug/l #	7

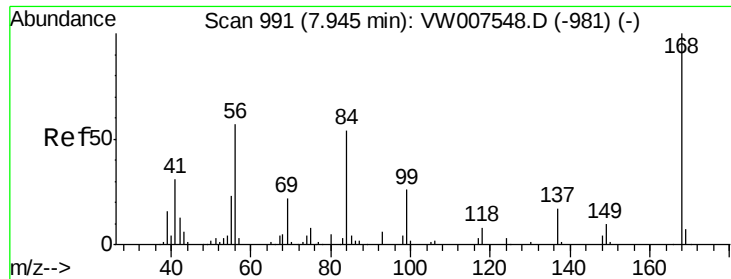
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007613.D

Acq: 16 Dec 2018 06:24

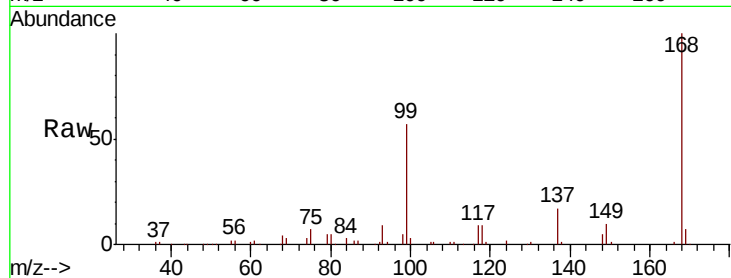
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 64150

Ion Ratio Lower Upper

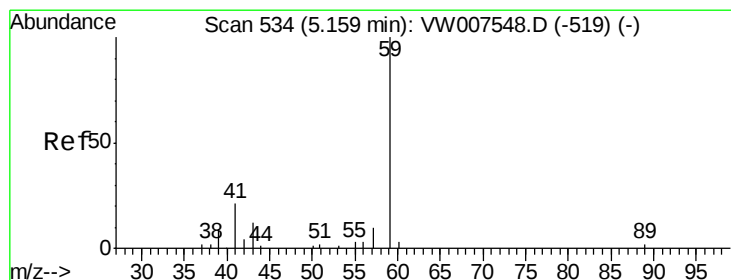
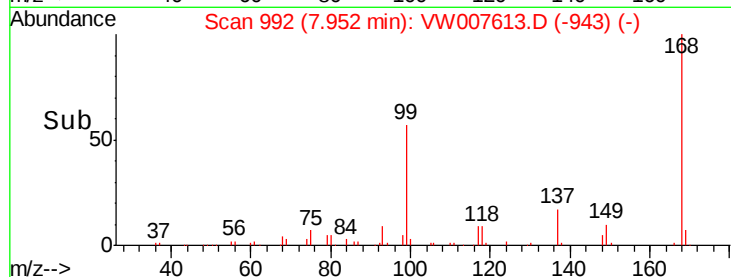
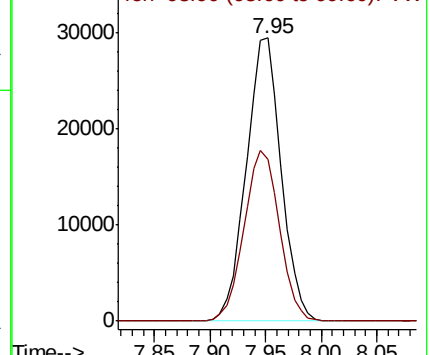
168 100

99 57.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.309 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007613.D

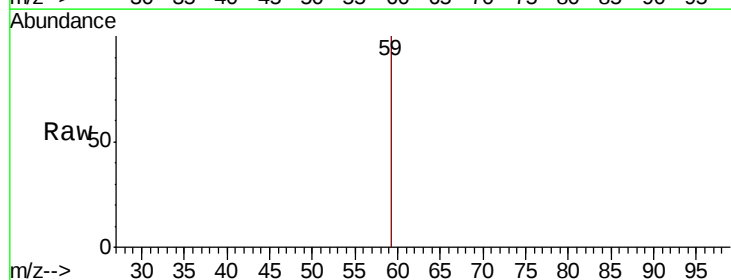
Acq: 16 Dec 2018 06:24

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

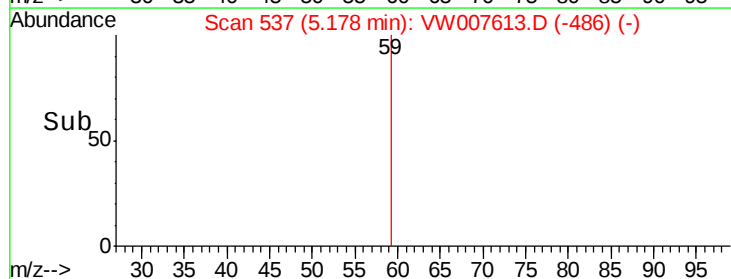
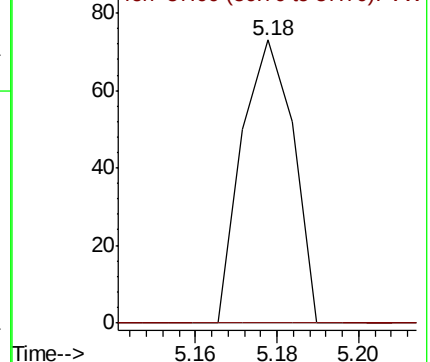
59 100

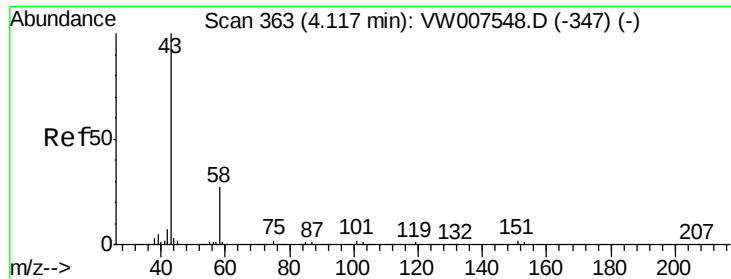
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.228 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

Instrument :

MSVOA_W

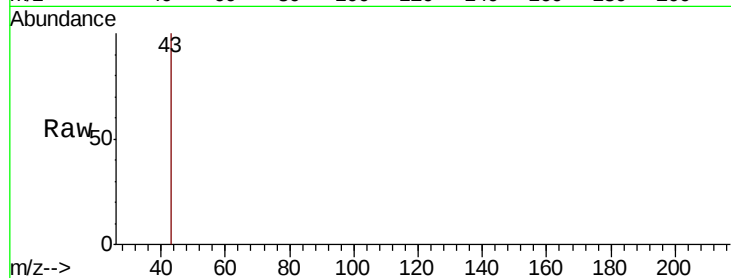
ClientSampleId :

Tot Ion: 43 Resp: 277

Ion Ratio Lower Upper

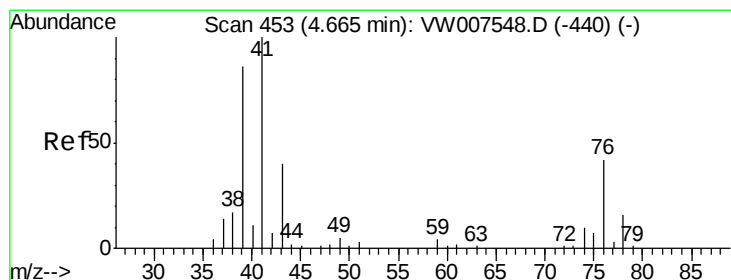
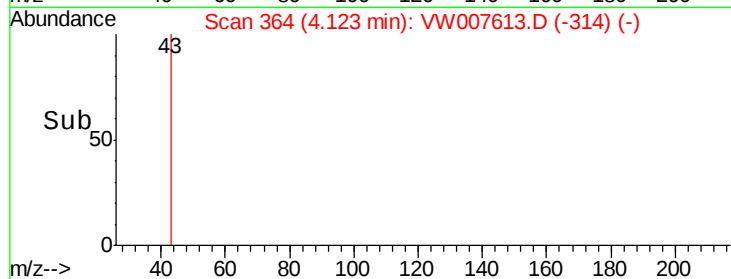
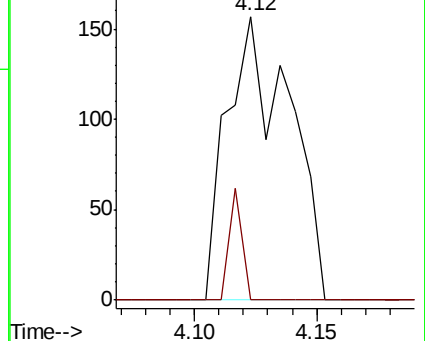
43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.286 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007613.D

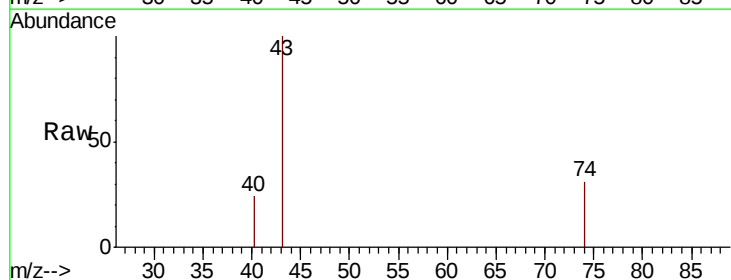
Acq: 16 Dec 2018 06:24

Tgt Ion: 43 Resp: 434

Ion Ratio Lower Upper

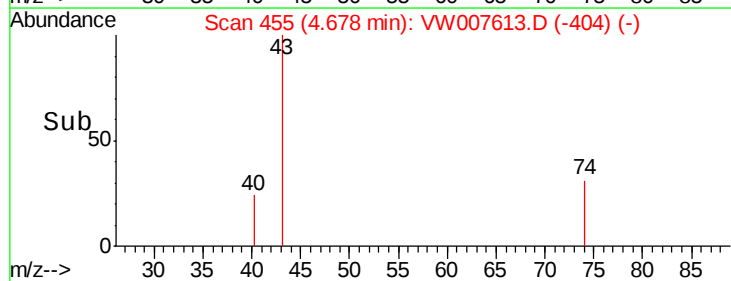
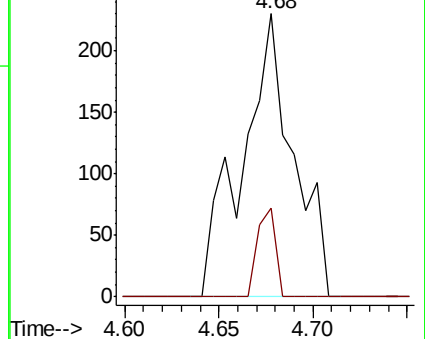
43 100

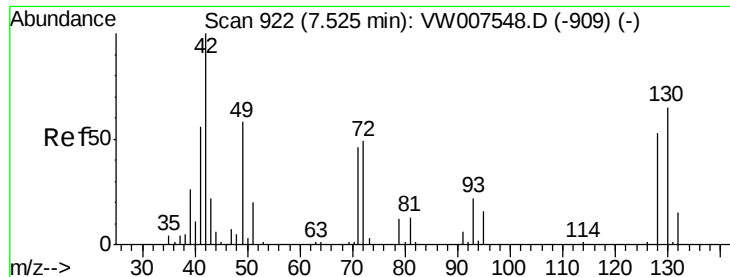
74 11.1 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

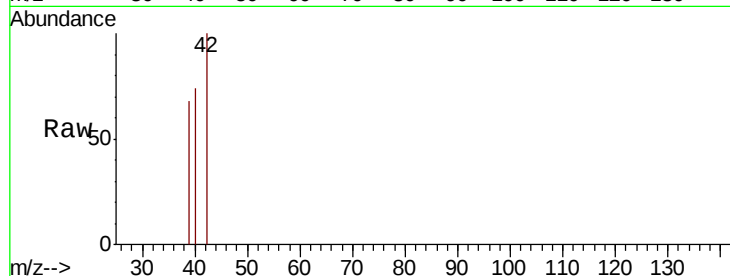




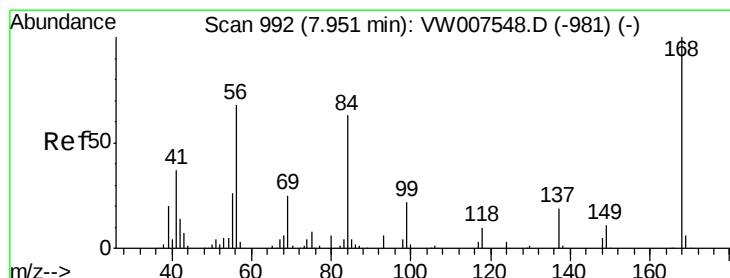
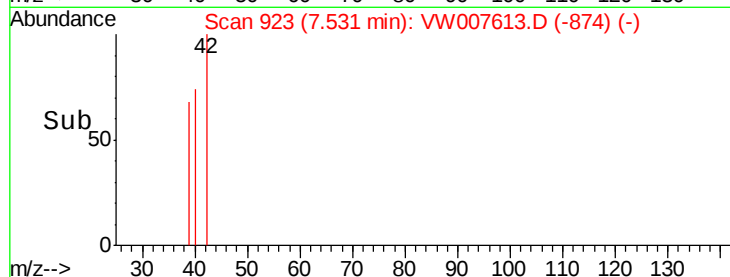
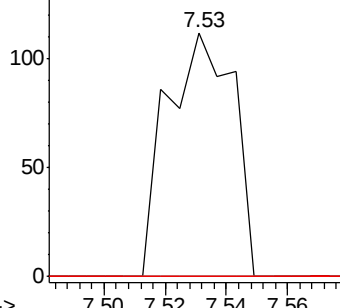
#29
Tetrahydrofuran
Concen: 1.645 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 169
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 0.0 35.5 53.3#

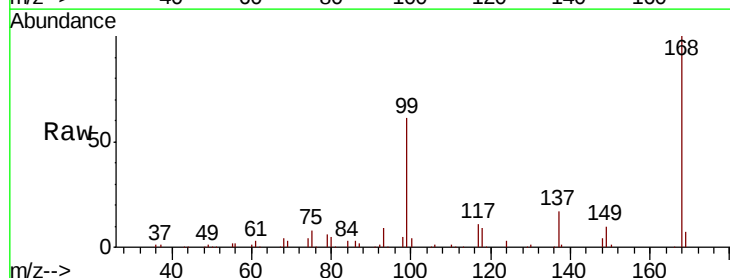


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

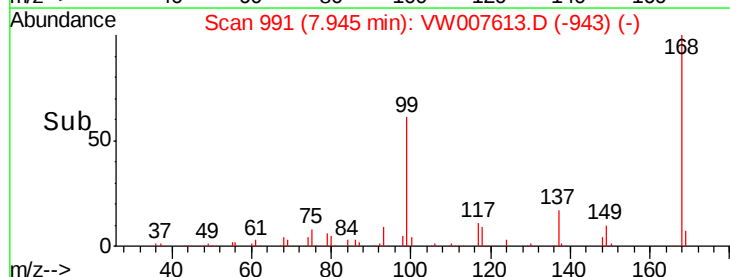
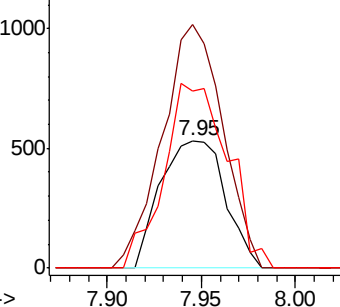


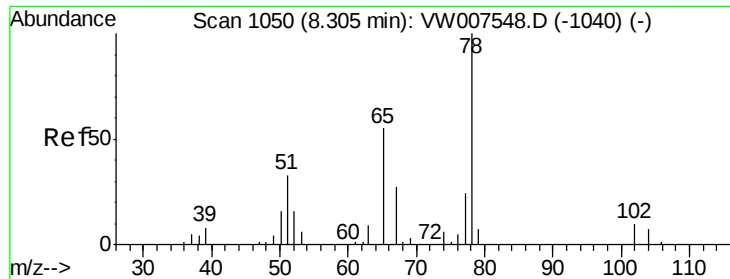
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Tgt Ion: 56 Resp: 1264
Ion Ratio Lower Upper
56 100
69 191.2 28.9 43.3#
84 139.1 71.8 107.6#



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

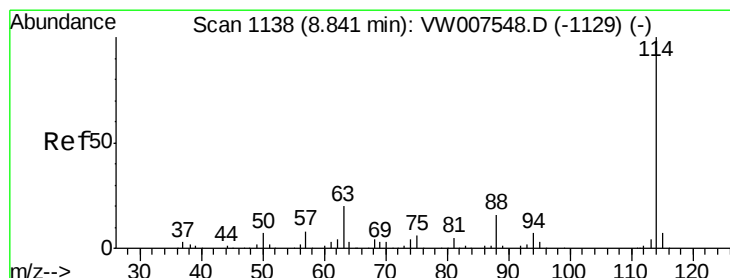
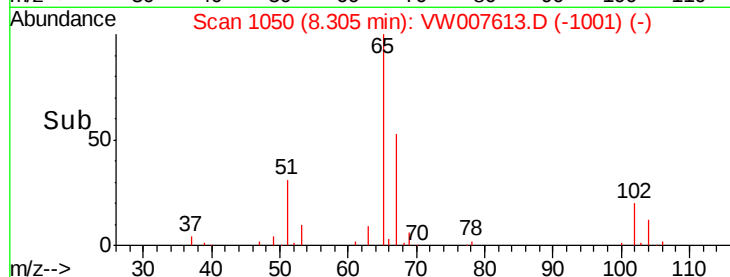
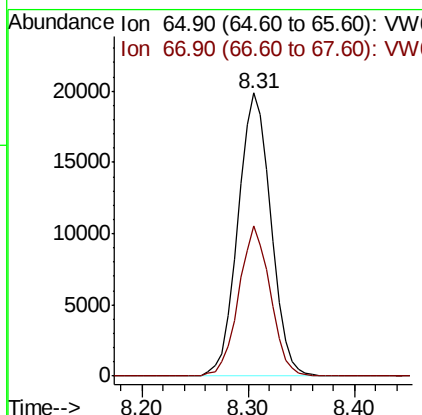
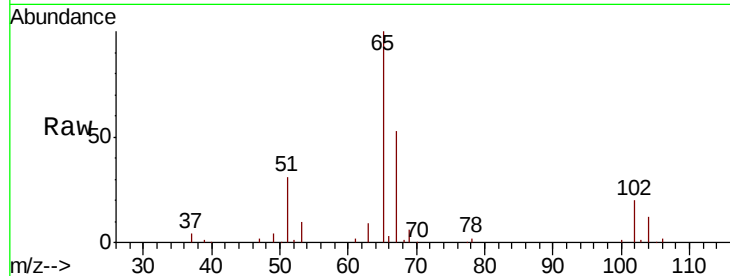




#33
 1,2-Dichloroethane-d4
 Concen: 60.650 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

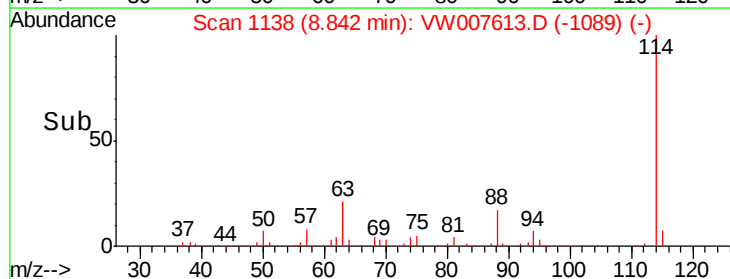
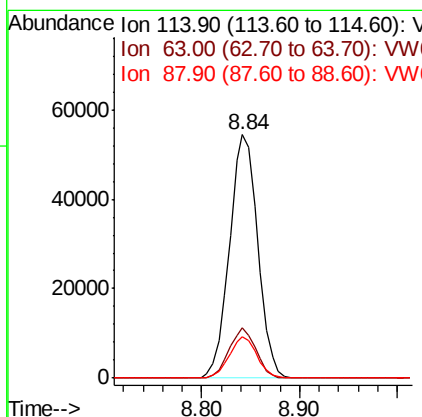
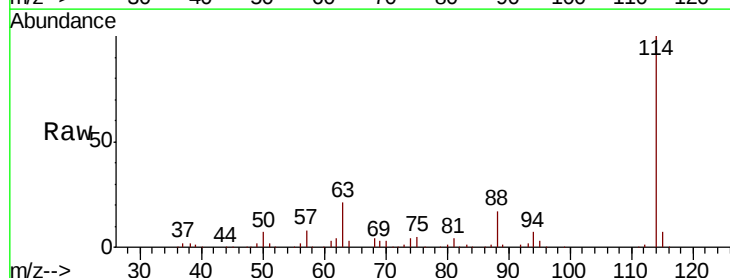
Instrument :
 MSVOA_W
 ClientSampled :

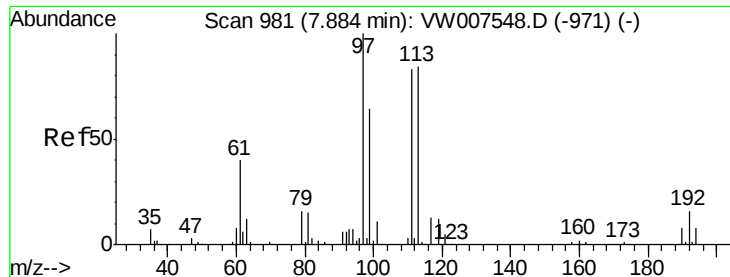
Tot Ion: 65 Resp: 43164
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

Tgt Ion: 114 Resp: 108863
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 17.2 0.0 31.4

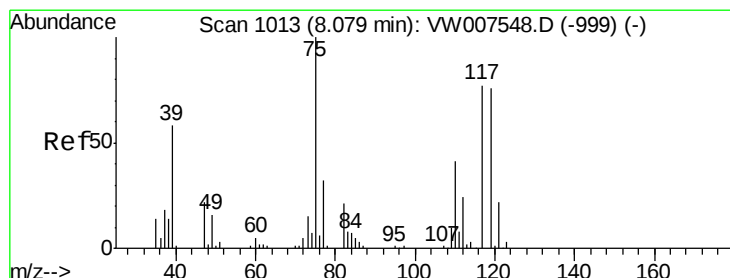
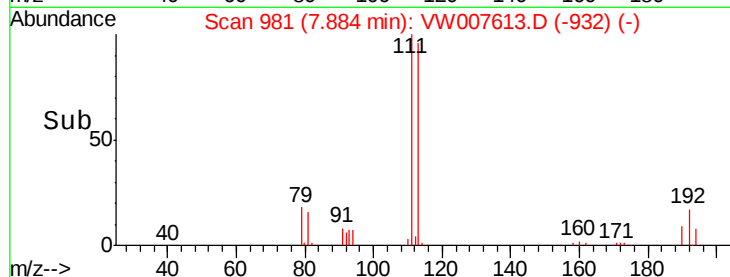
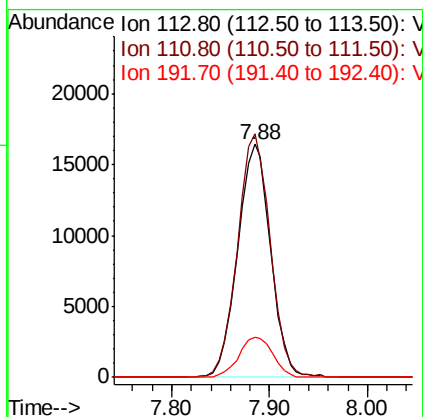
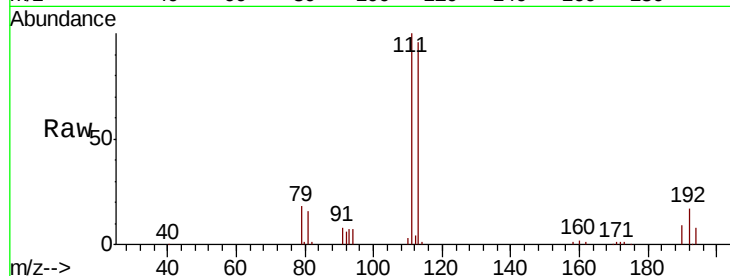




#35
 Dibromofluoromethane
 Concen: 58.054 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

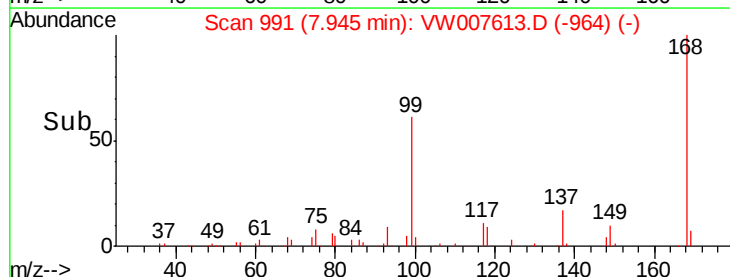
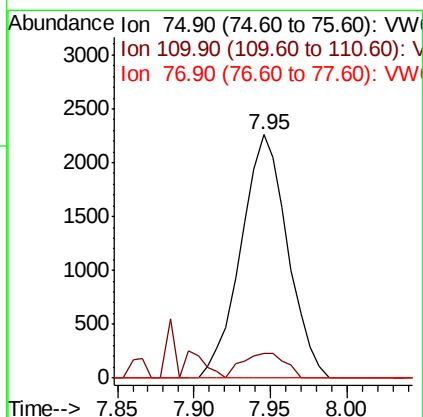
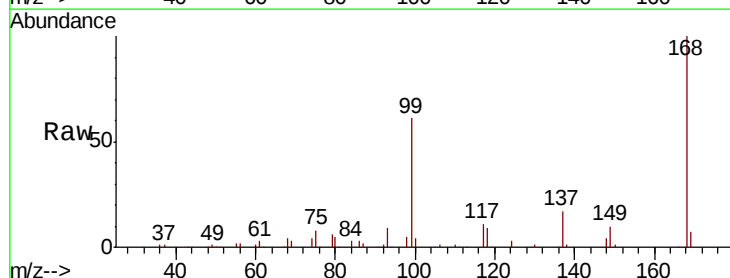
Instrument :
 MSVOA_W
 ClientSampleId :

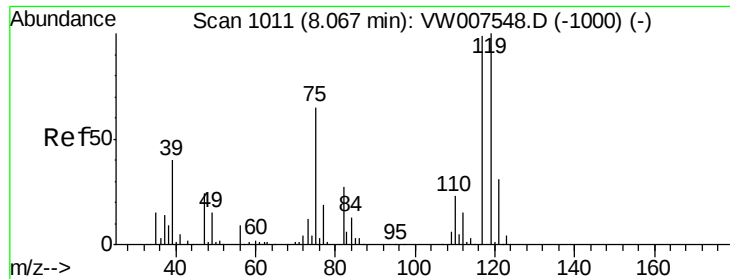
Tot Ion:113 Resp: 38257
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 17.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

Tgt Ion: 75 Resp: 4784
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.5 55.5#
 77 0.0 25.6 38.4#

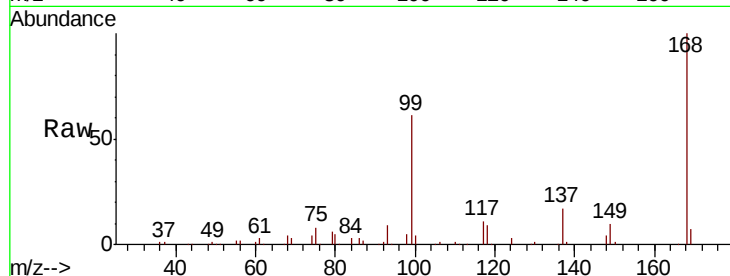




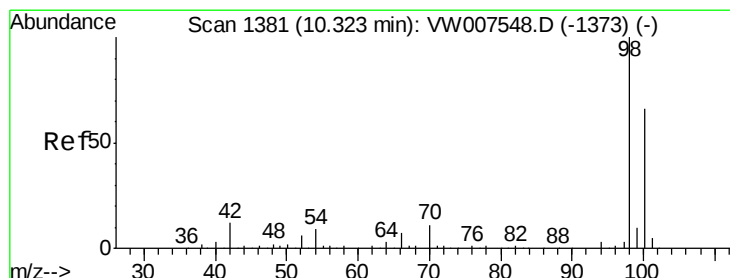
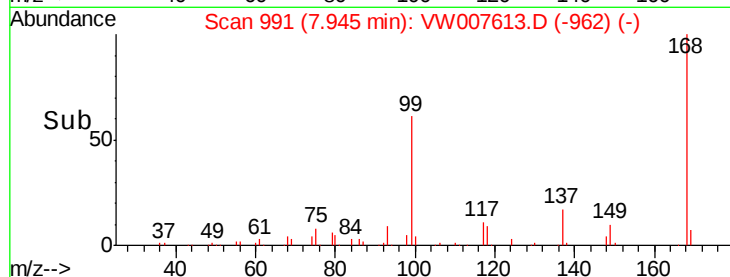
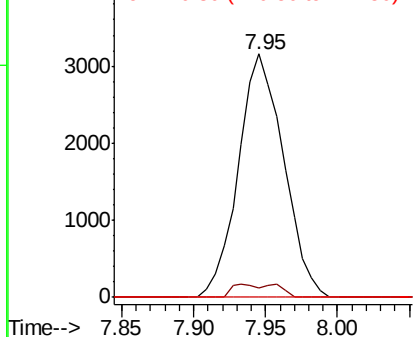
#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 6876
Ion Ratio Lower Upper
117 100
119 4.1 74.3 111.5#
121 0.0 24.3 36.5#

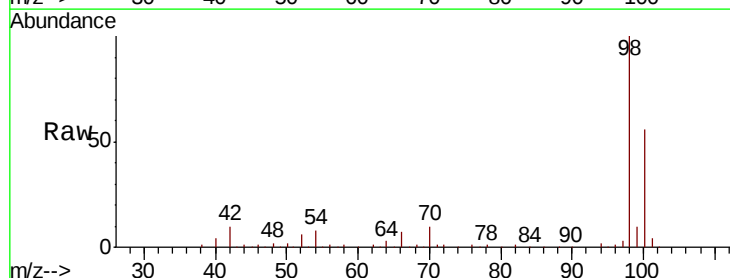


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

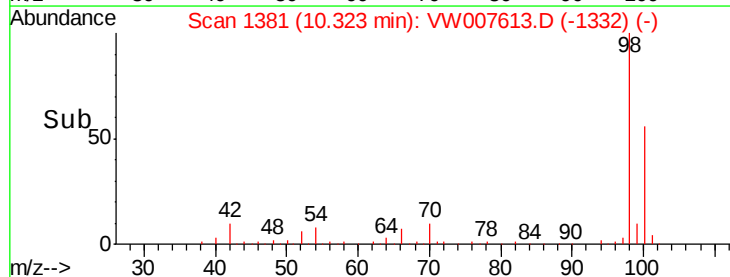
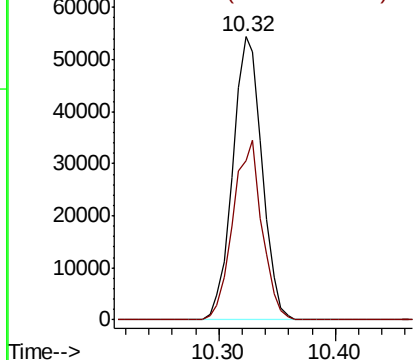


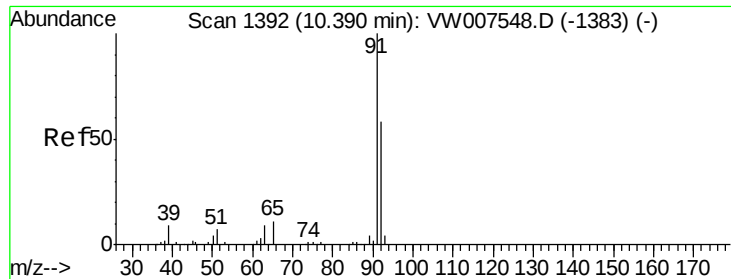
#50
Toluene-d8
Concen: 38.594 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Tgt Ion: 98 Resp: 95361
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.431 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

Instrument :

MSVOA_W

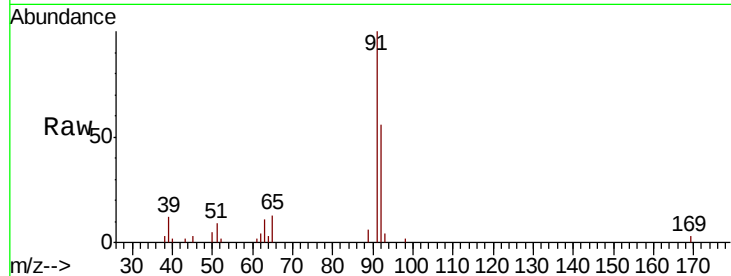
ClientSampleId :

Tot Ion: 92 Resp: 4336

Ion Ratio Lower Upper

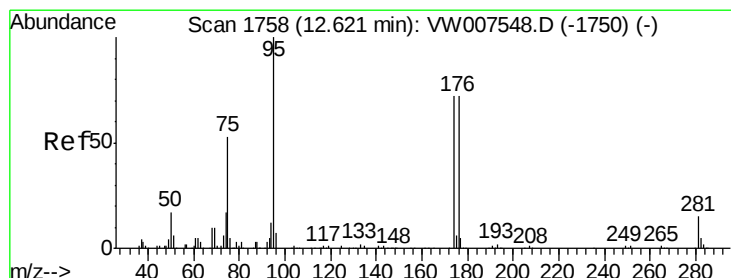
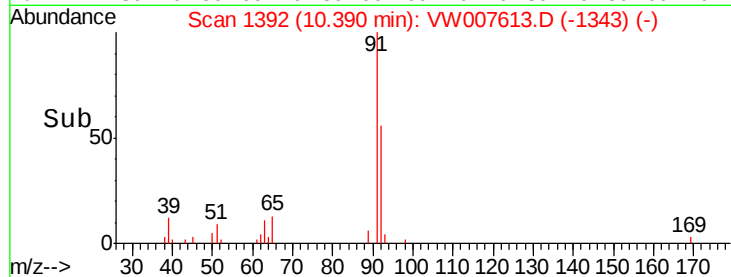
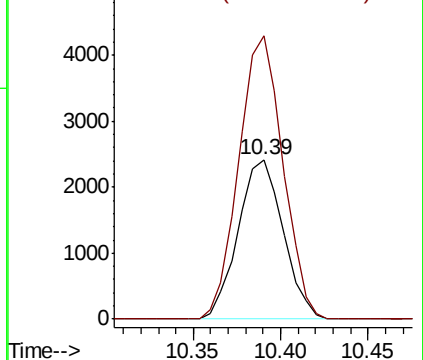
92 100

91 173.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 29.512 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

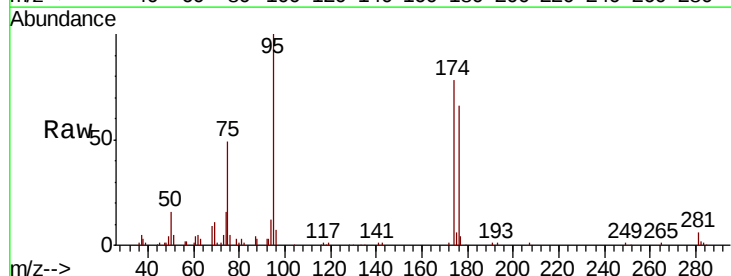
Tgt Ion: 95 Resp: 26811

Ion Ratio Lower Upper

95 100

174 77.7 0.0 147.2

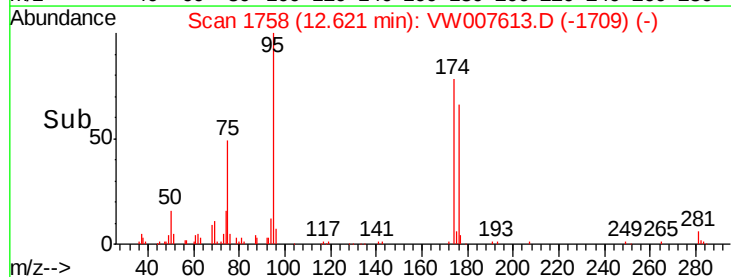
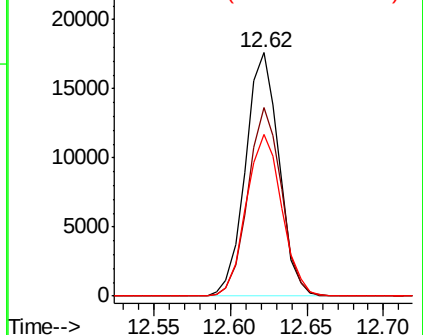
176 70.7 0.0 138.8

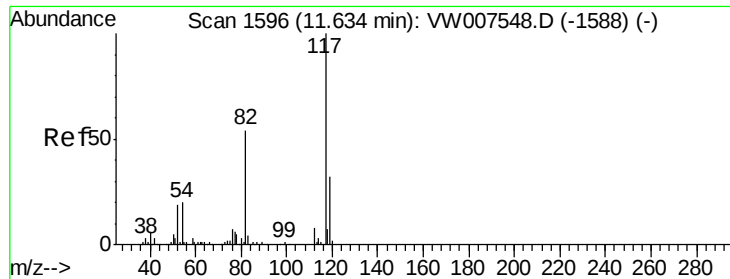


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

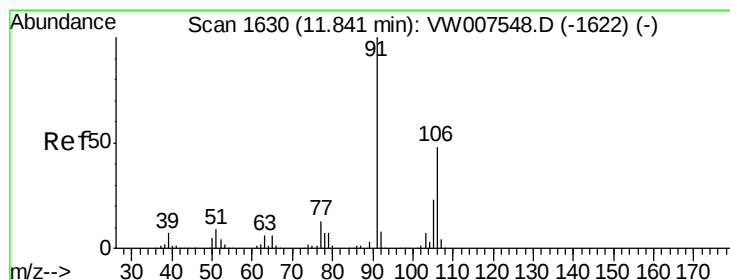
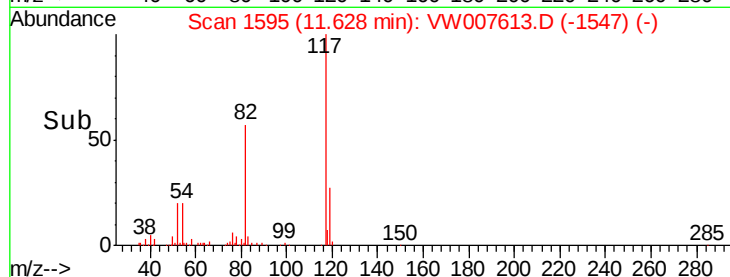
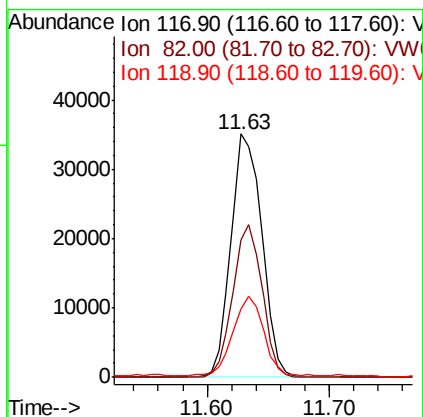
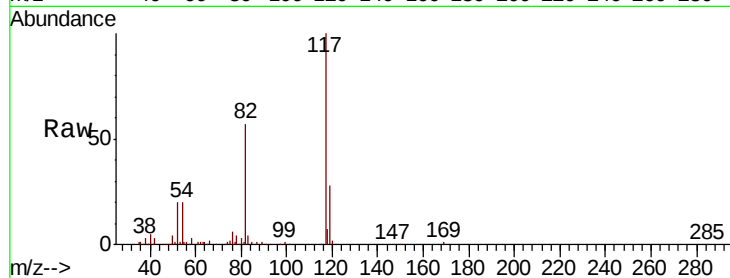




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

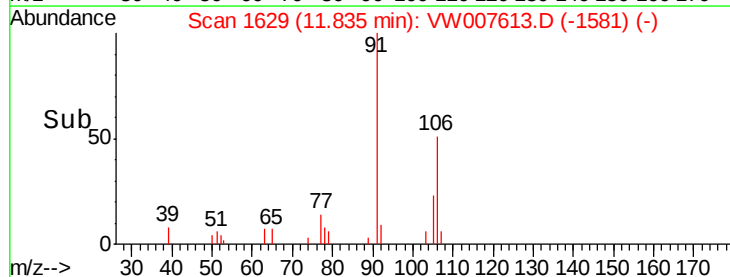
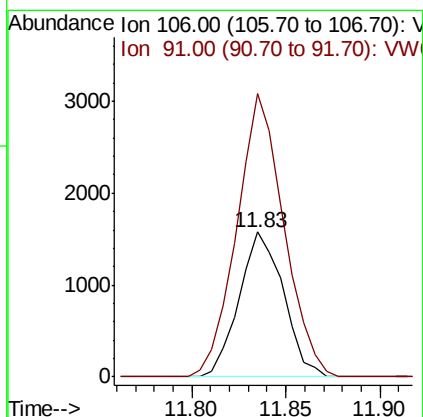
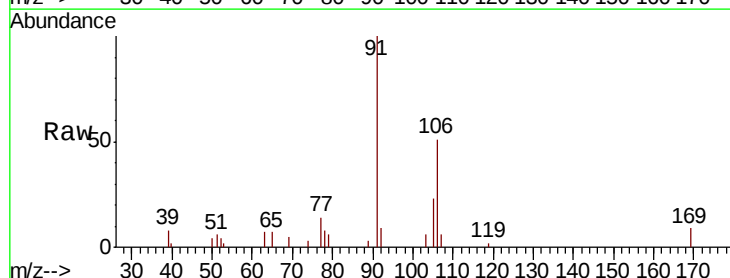
Instrument :
MSVOA_W
ClientSampleId :

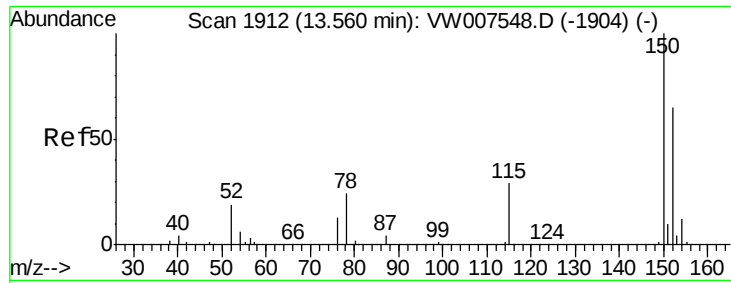
Tot Ion:117 Resp: 61363
Ion Ratio Lower Upper
117 100
82 56.6 42.3 63.5
119 27.2 23.0 34.6



#68
m/p-Xylenes
Concen: 3.010 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Tgt Ion:106 Resp: 2573
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

Instrument :

MSVOA_W

ClientSampleId :

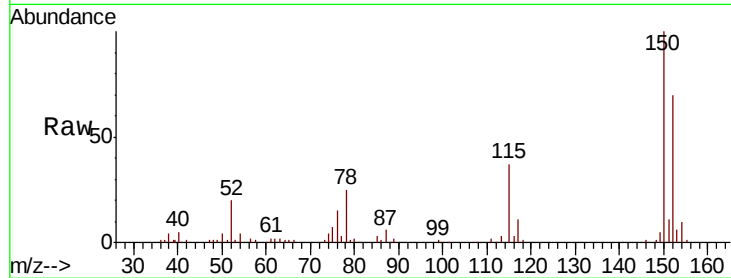
Tot Ion:152 Resp: 18692

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

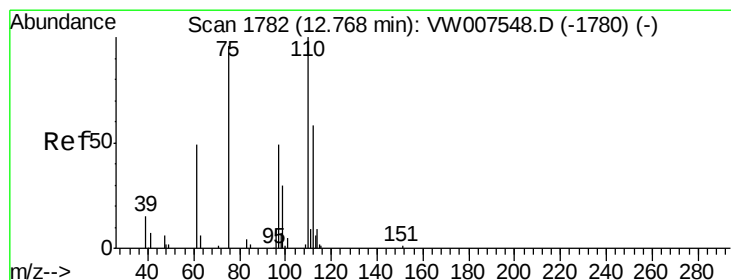
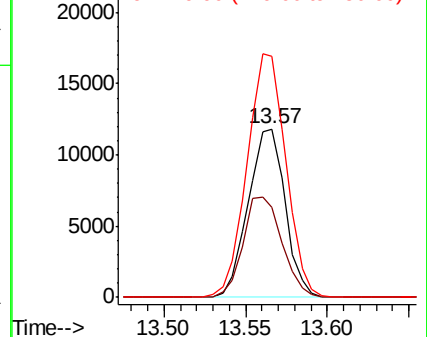
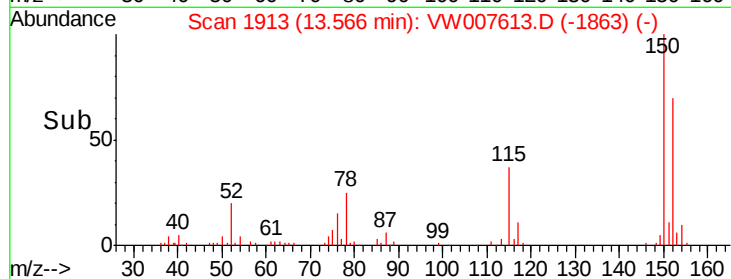
150 151.3 0.0 358.4



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: 86.179 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007613.D

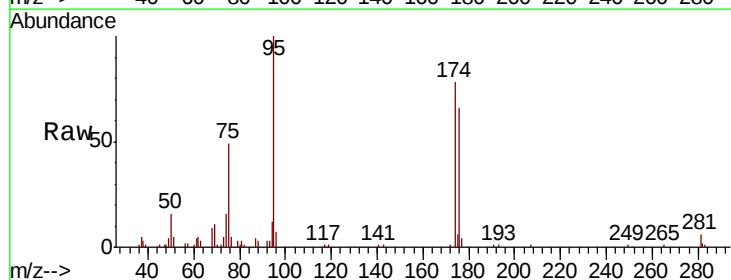
Acq: 16 Dec 2018 06:24

Tgt Ion: 75 Resp: 13282

Ion Ratio Lower Upper

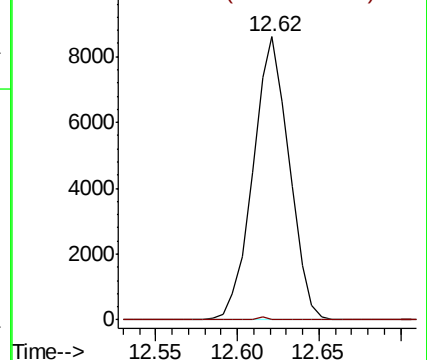
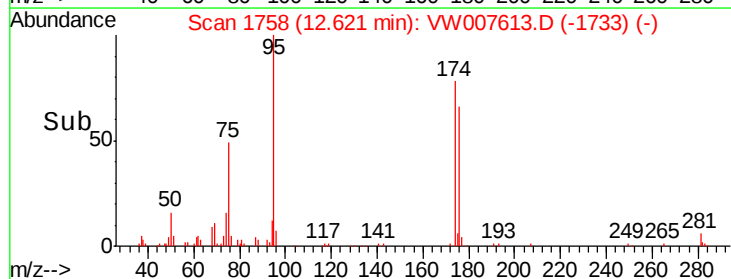
75 100

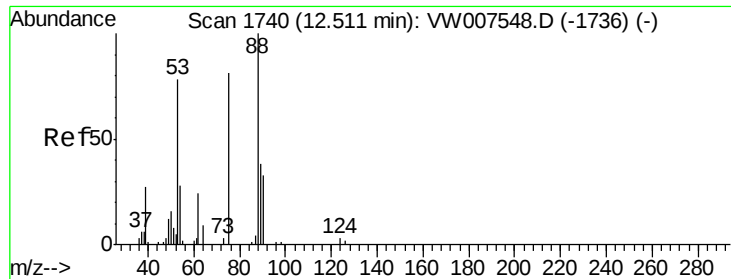
77 0.2 166.9 500.8#



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: 190.370 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

Instrument :

MSVOA_W

ClientSampleId :

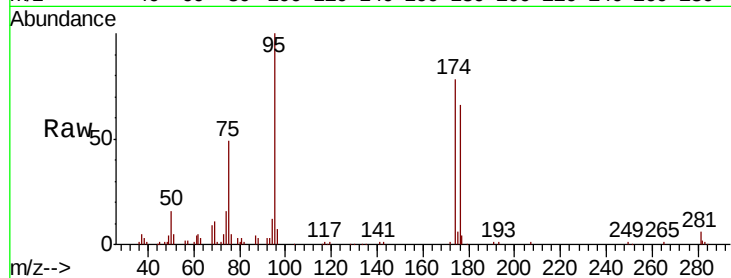
Tot Ion: 75 Resp: 13282

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

