

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007271.D
 Acq On : 06 Dec 2018 10:28
 Operator : SY/AP
 Sample : J6214-03
 Misc : 3.84G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:41:01 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

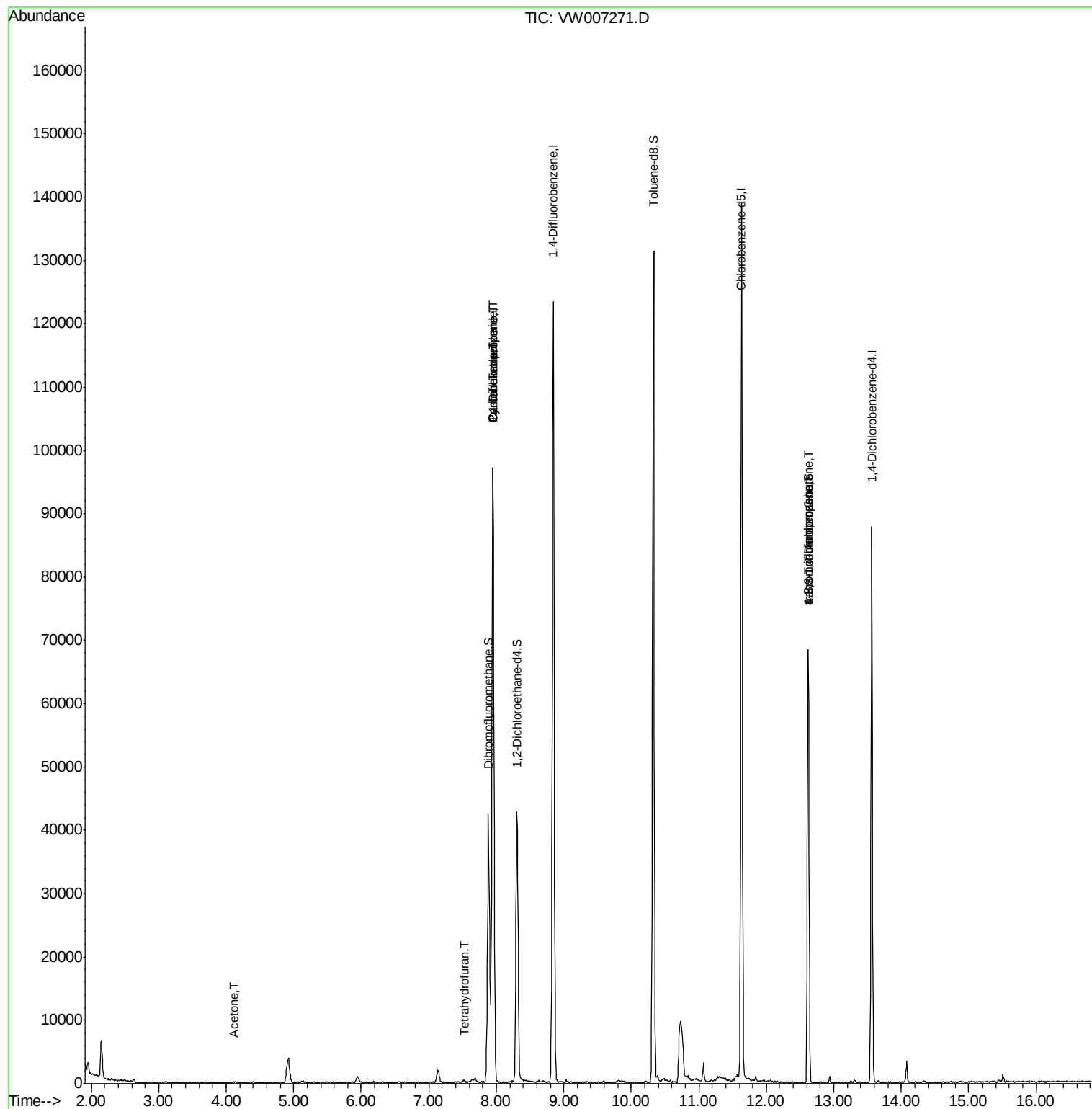
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	80294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34295	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.88	113	30501	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.33	98	89160	32.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.96%	
62) 4-Bromofluorobenzene	12.62	95	21582	20.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	23	Below Cal	#	75
16) Acetone	4.12	43	203	1.276	ug/l #	45
20) Methylene Chloride	4.92	84	3255	Below Cal		92
29) Tetrahydrofuran	7.52	42	156	1.369	ug/l #	31
31) Cyclohexane	7.95	56	1408	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5665	5.349	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7678	7.103	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	10983	60.487	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10983	130.371	ug/l #	13

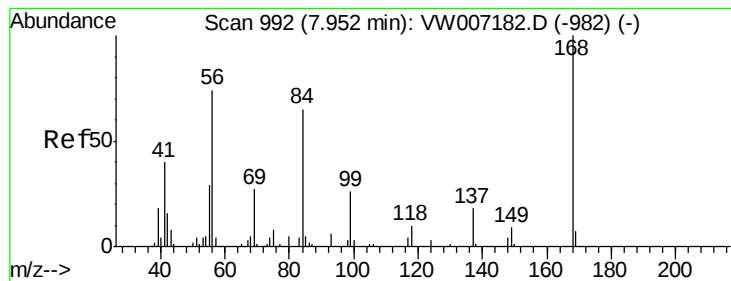
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

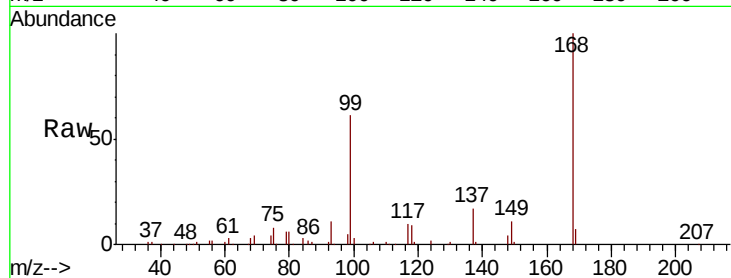
ClientSampled :

Tot Ion:168 Resp: 72194

Ion Ratio Lower Upper

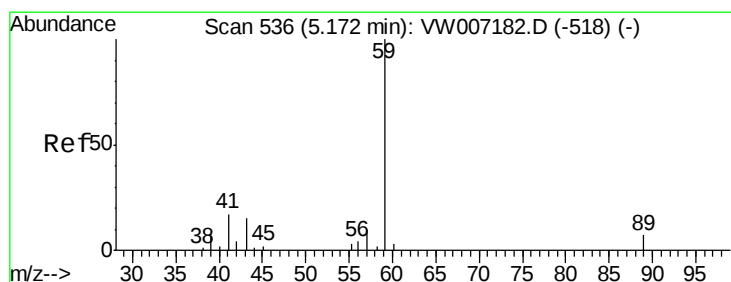
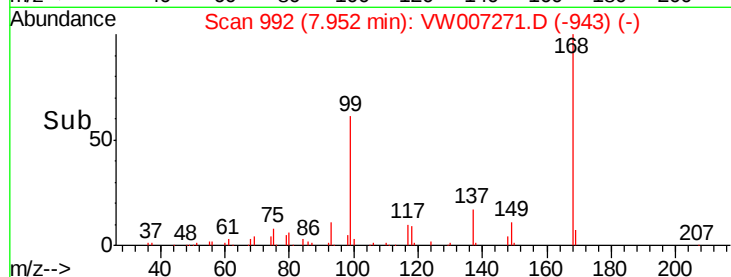
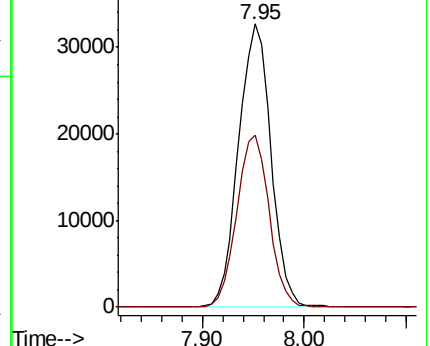
168 100

99 60.9 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: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW007271.D

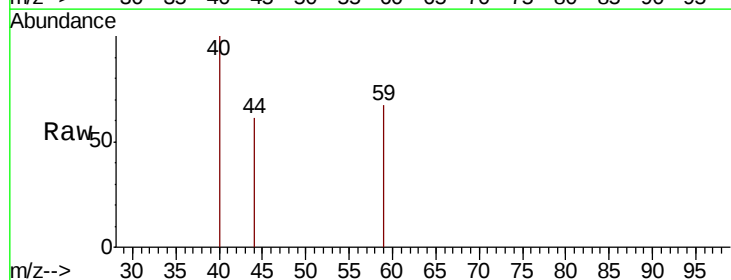
Acq: 06 Dec 2018 10:28

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

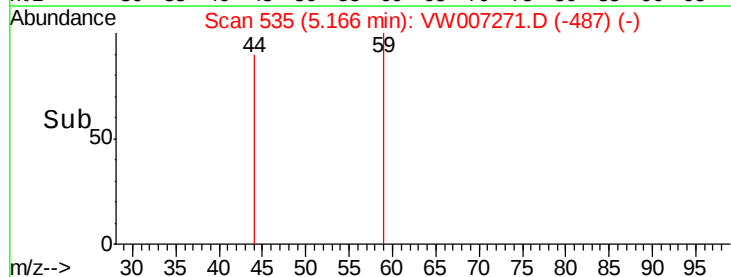
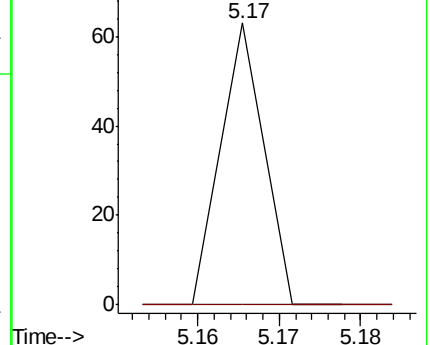
59 100

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: 1.276 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

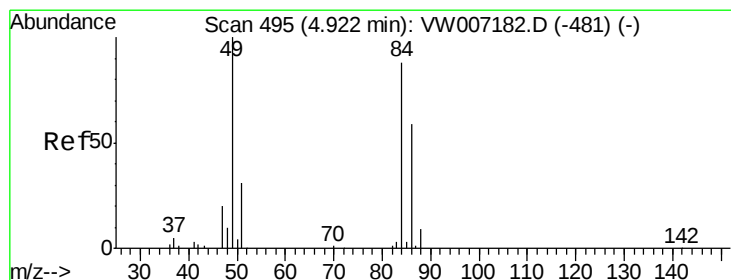
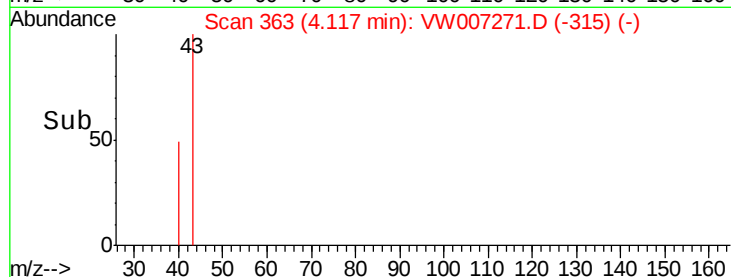
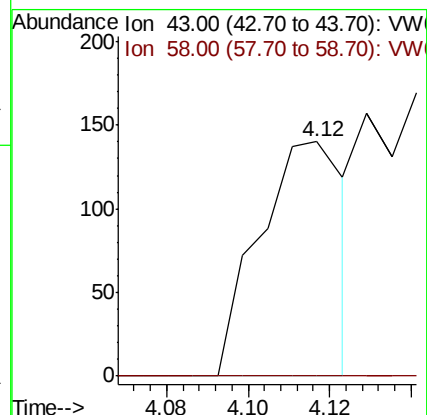
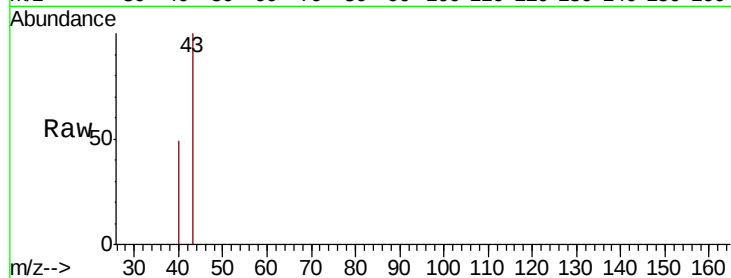
ClientSampleId :

Tot Ion: 43 Resp: 203

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Tgt Ion: 84 Resp: 3255

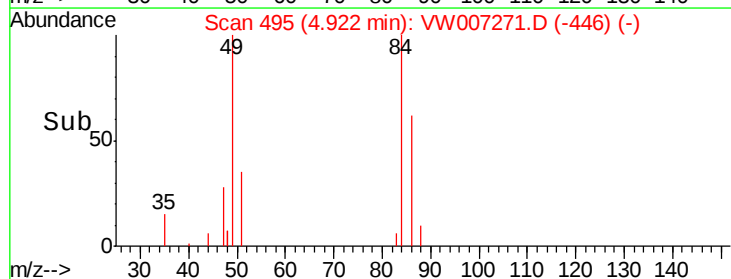
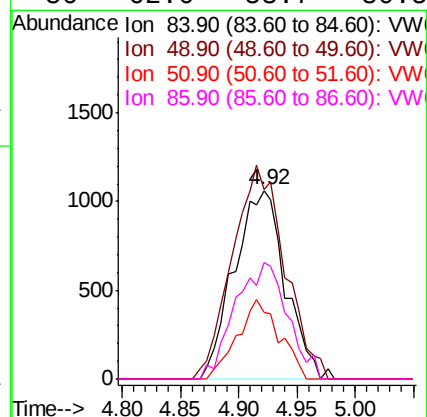
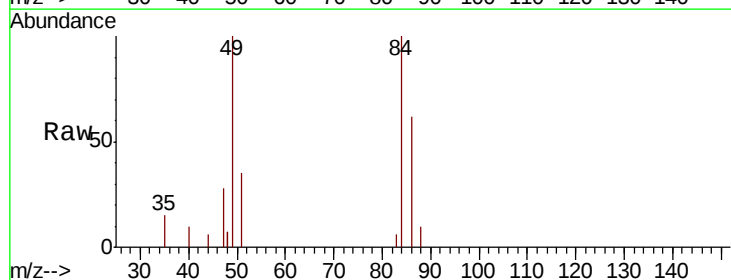
Ion Ratio Lower Upper

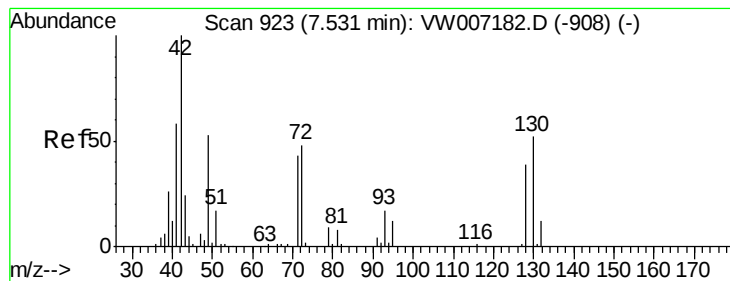
84 100

49 100.3 90.6 135.8

51 35.1 27.6 41.4

86 62.0 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.369 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

ClientSampled :

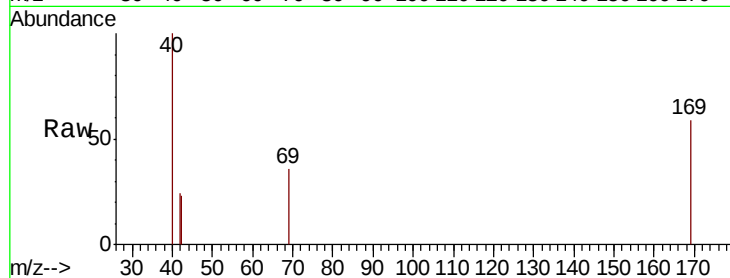
Tot Ion: 42 Resp: 156

Ion Ratio Lower Upper

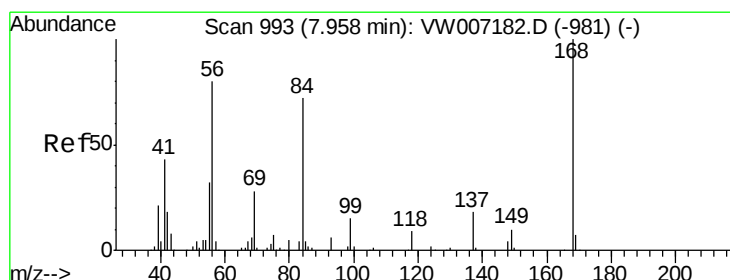
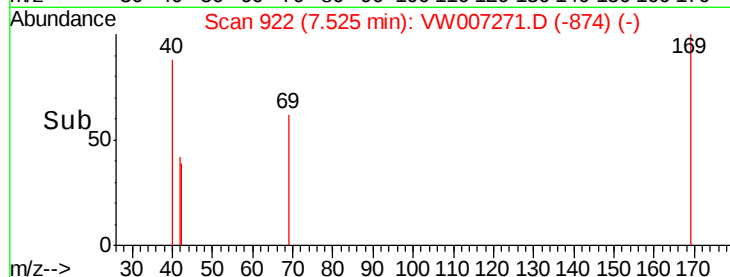
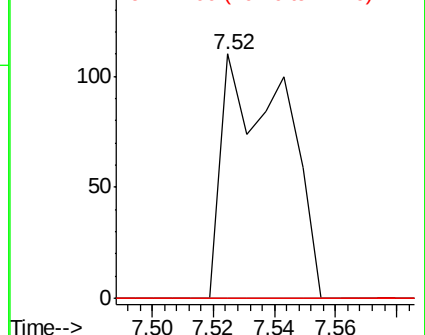
42 100

72 0.0 36.6 55.0#

71 0.0 34.8 52.2#



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: 1.056 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

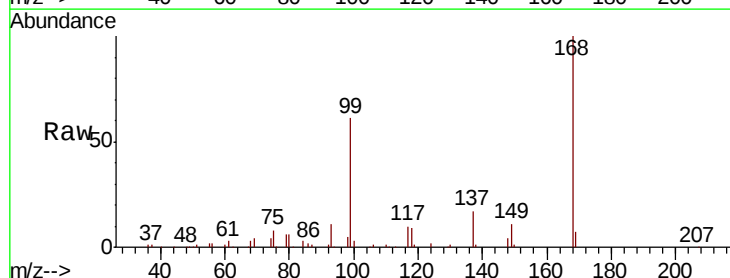
Tgt Ion: 56 Resp: 1408

Ion Ratio Lower Upper

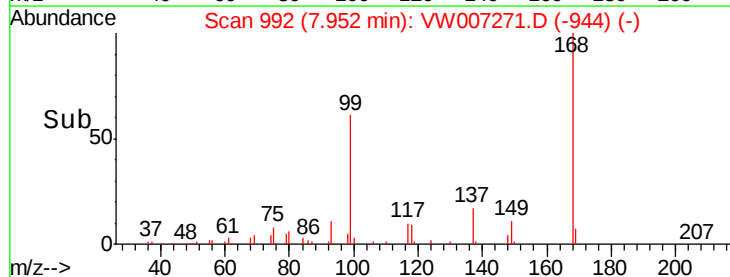
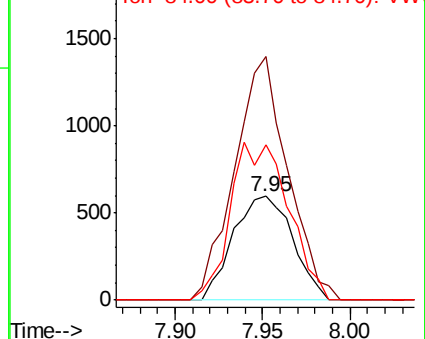
56 100

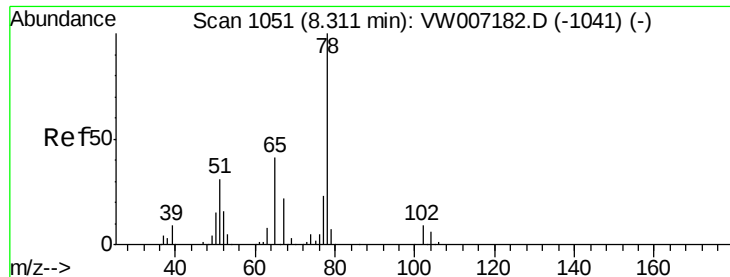
69 234.4 28.2 42.2#

84 149.5 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: 51.022 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

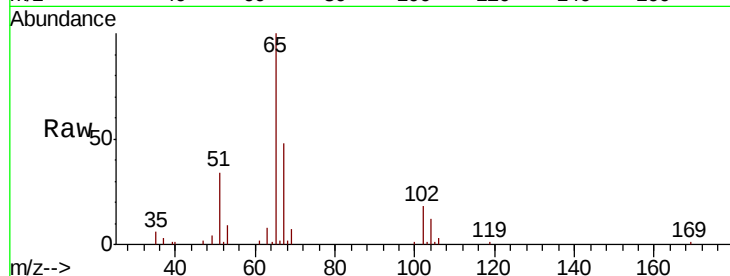
ClientSampled :

Tot Ion: 65 Resp: 34295

Ion Ratio Lower Upper

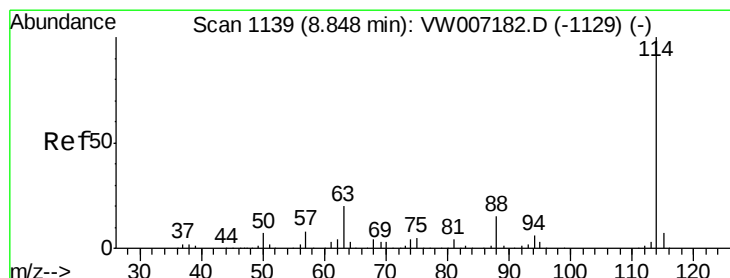
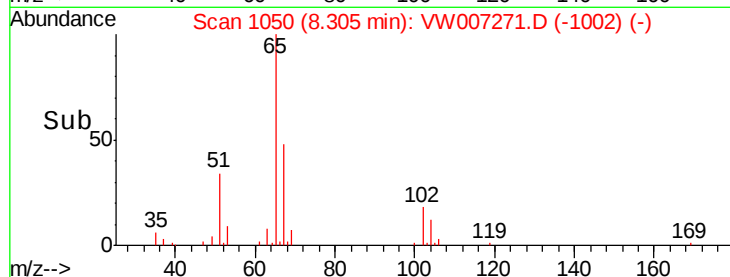
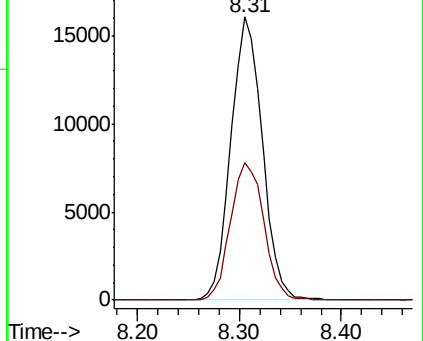
65 100

67 51.4 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: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

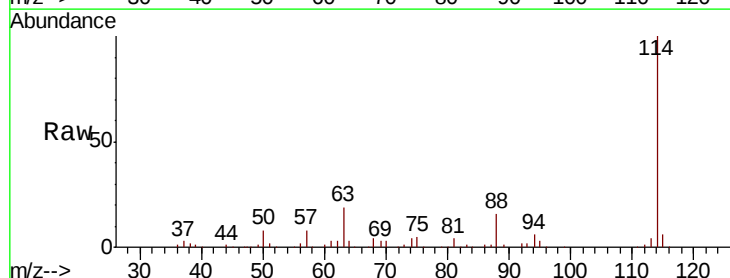
Tgt Ion: 114 Resp: 108838

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

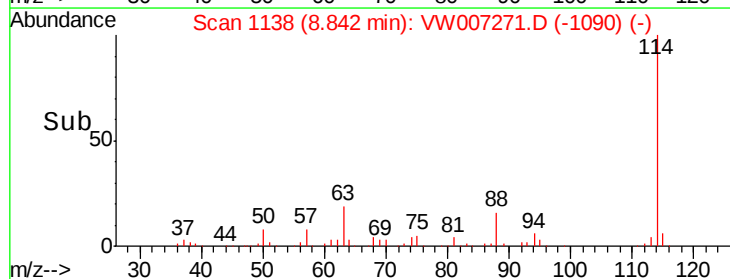
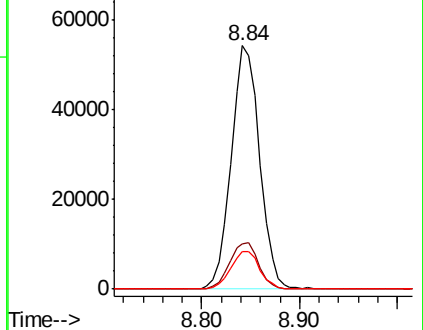
88 15.7 0.0 30.0

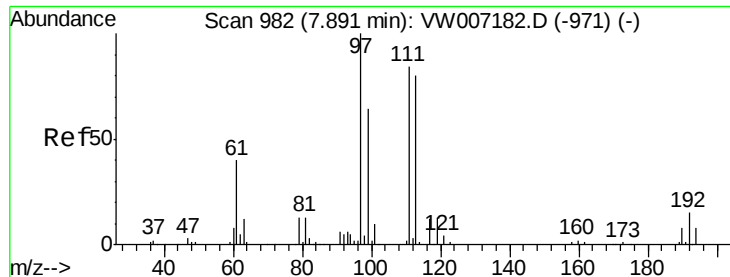


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

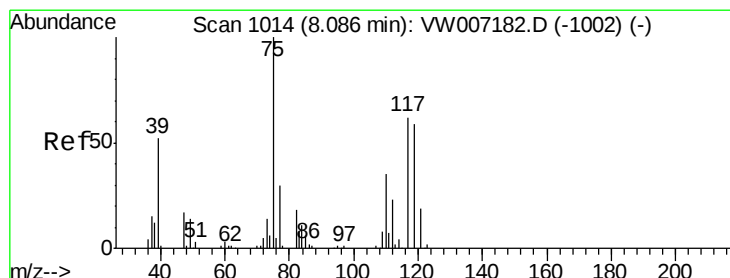
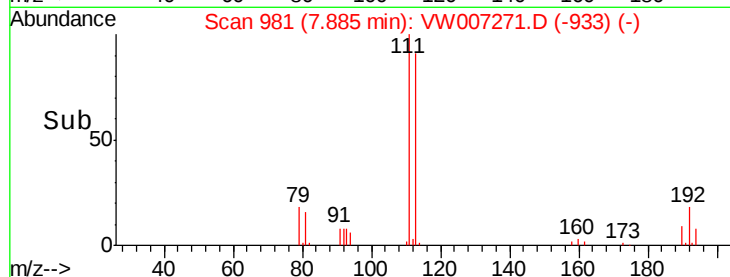
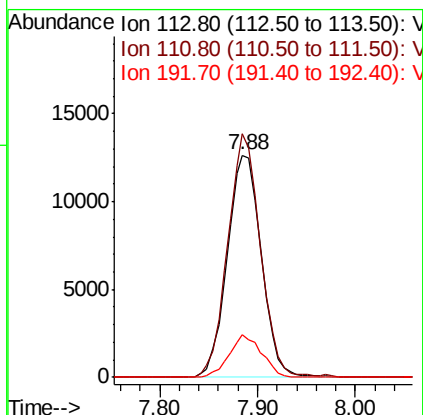
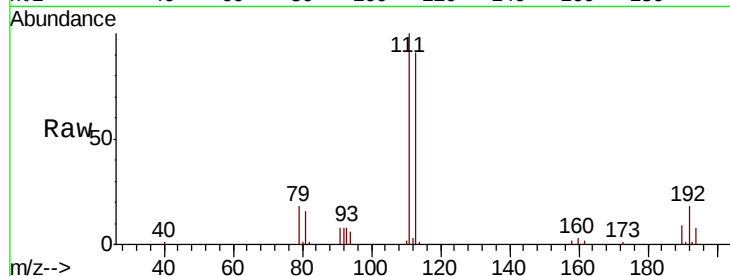




#35
 Dibromofluoromethane
 Concen: 48.942 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007271.D
 Acq: 06 Dec 2018 10:28

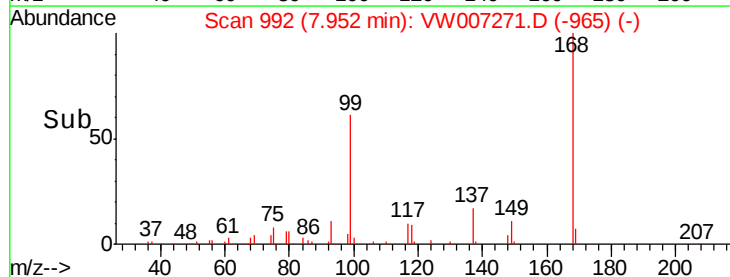
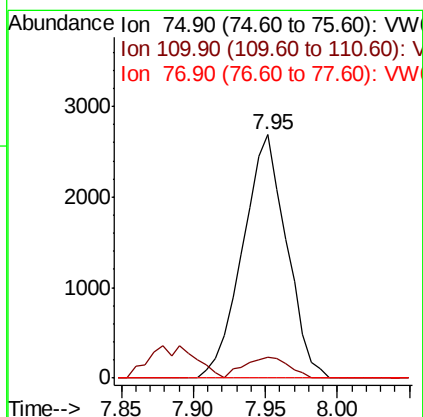
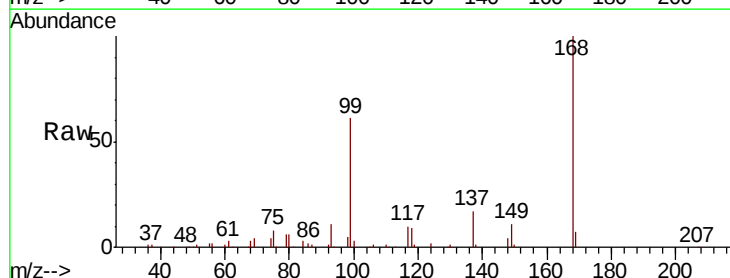
Instrument :
 MSVOA_W
 ClientSampleId :

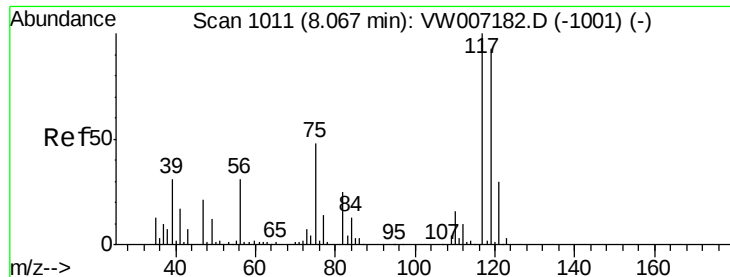
Tot Ion:113 Resp: 30501
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.2 123.4
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.349 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007271.D
 Acq: 06 Dec 2018 10:28

Tgt Ion: 75 Resp: 5665
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.103 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

ClientSampled :

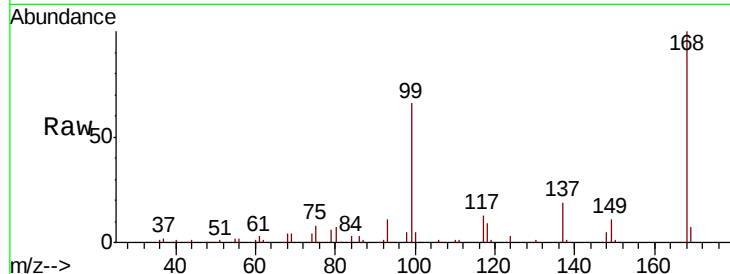
Tot Ion:117 Resp: 7678

Ion Ratio Lower Upper

117 100

119 5.0 74.1 111.1#

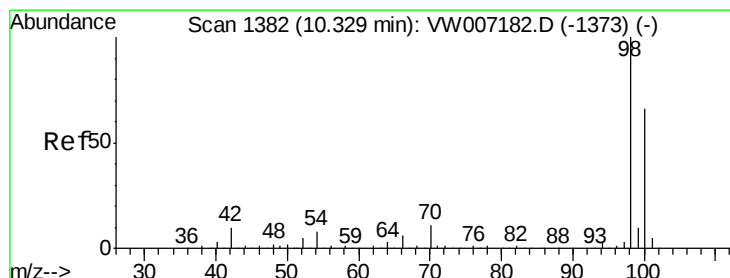
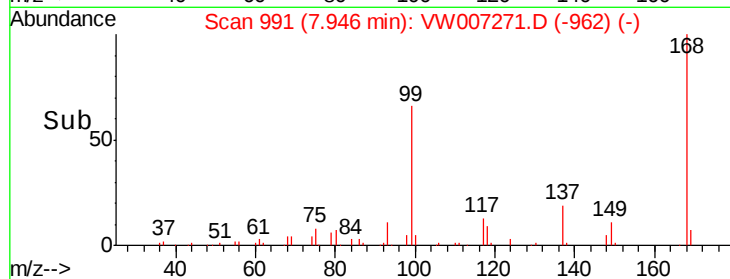
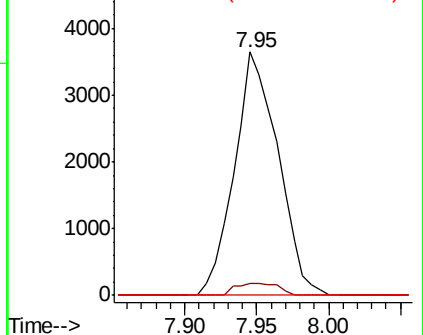
121 0.0 23.9 35.9#



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: 32.479 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007271.D

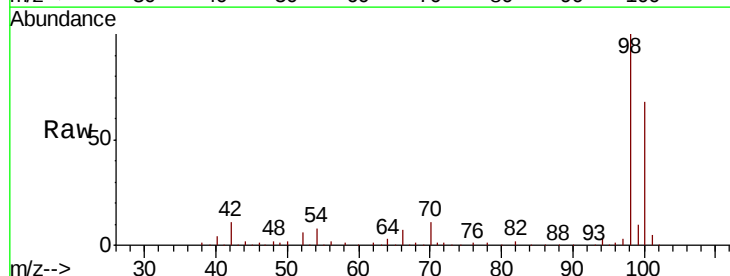
Acq: 06 Dec 2018 10:28

Tgt Ion: 98 Resp: 89160

Ion Ratio Lower Upper

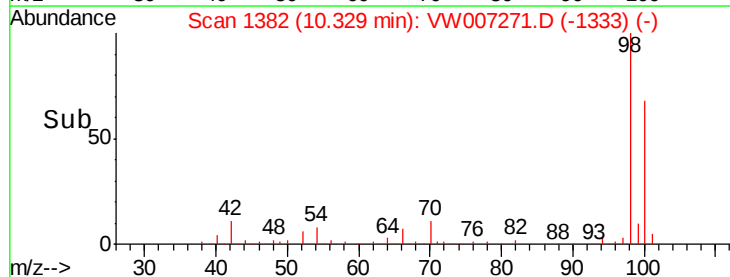
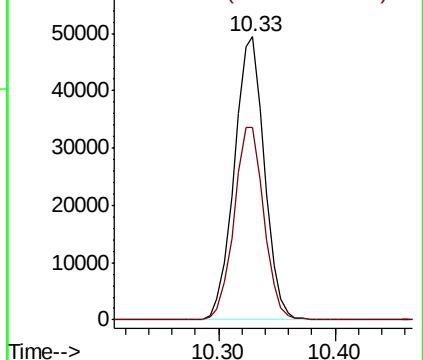
98 100

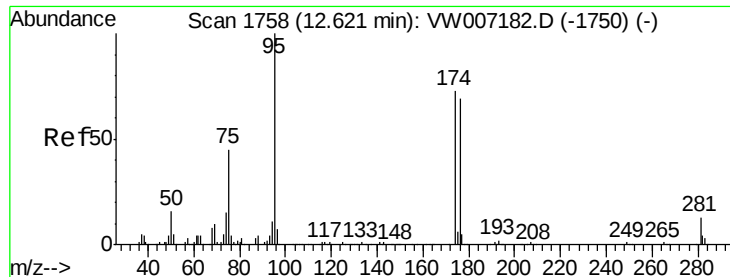
100 67.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

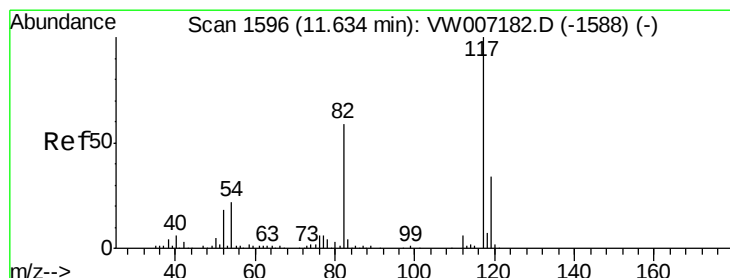
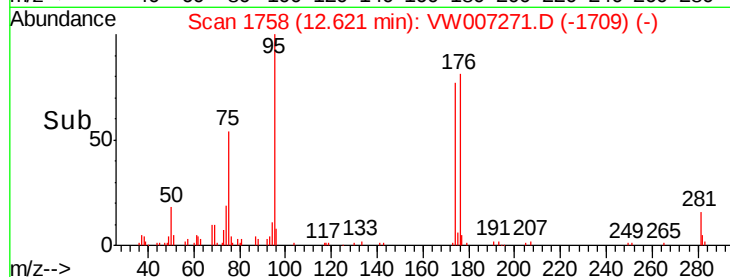
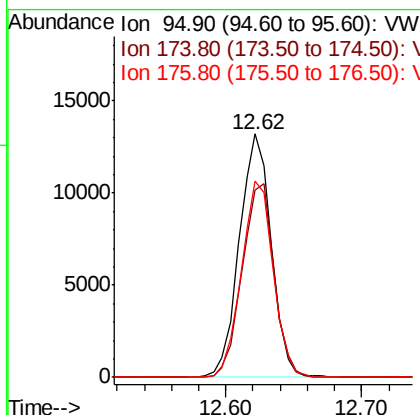
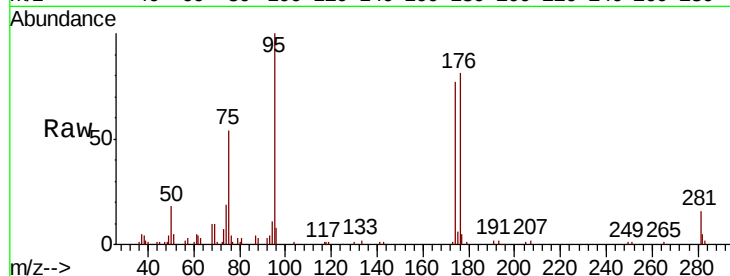




#62
4-Bromofluorobenzene
Concen: 20.829 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007271.D
Acq: 06 Dec 2018 10:28

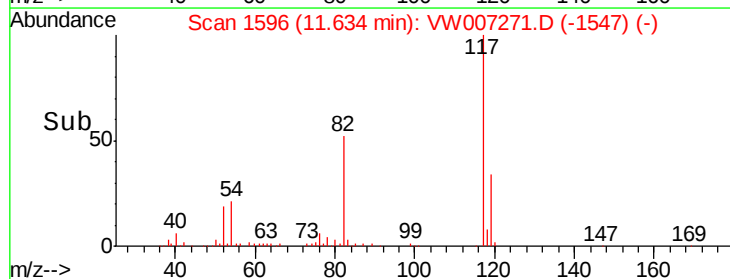
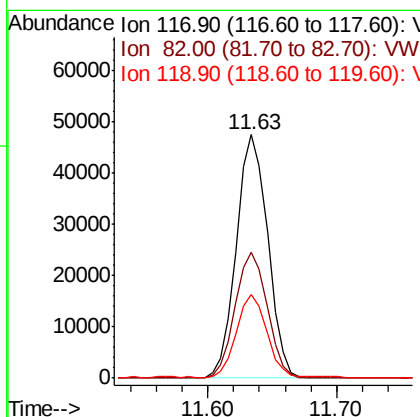
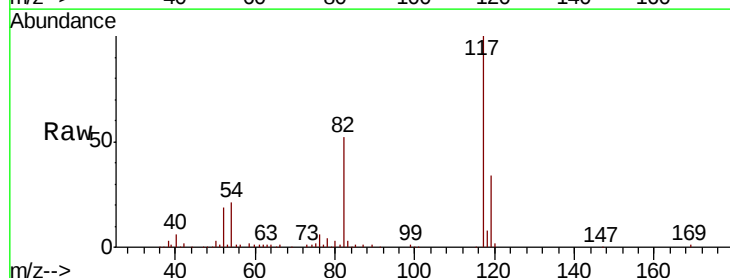
Instrument :
MSVOA_W
ClientSampleId :

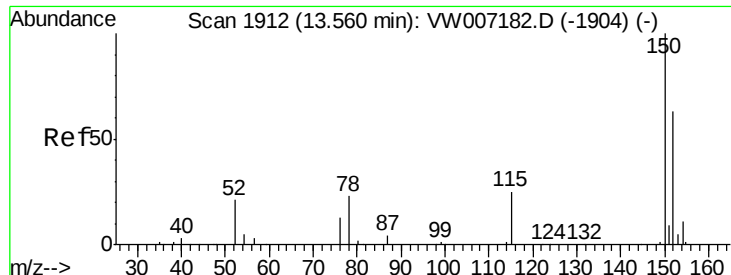
Tot Ion: 95 Resp: 21582
Ion Ratio Lower Upper
95 100
174 79.8 0.0 148.0
176 80.3 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007271.D
Acq: 06 Dec 2018 10:28

Tgt Ion: 117 Resp: 80294
Ion Ratio Lower Upper
117 100
82 51.7 47.4 71.2
119 33.7 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007271.D

Acq: 06 Dec 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

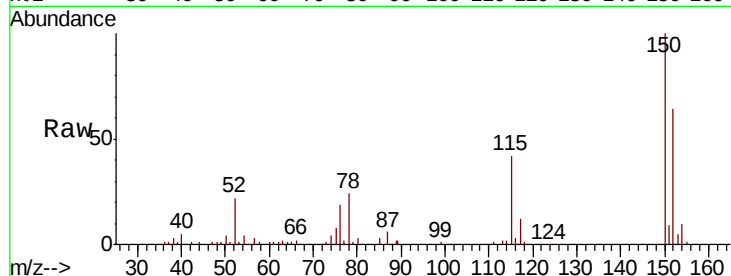
Tot Ion:152 Resp: 23450

Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

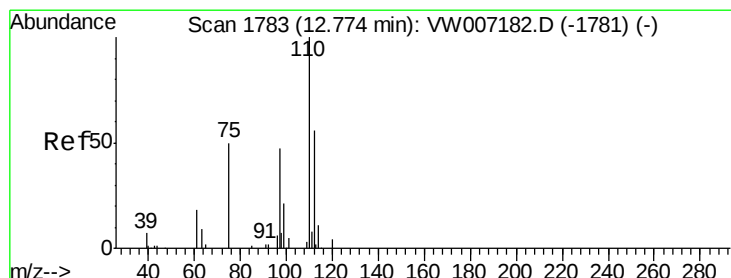
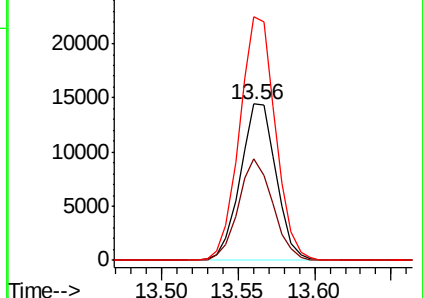
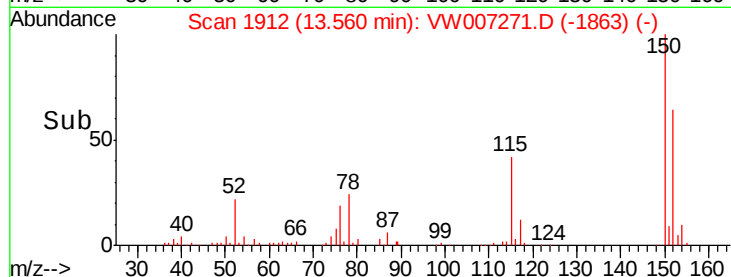
150 155.9 0.0 358.0



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: 60.487 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007271.D

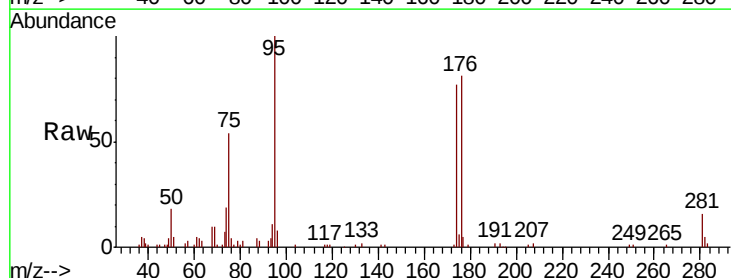
Acq: 06 Dec 2018 10:28

Tgt Ion: 75 Resp: 10983

Ion Ratio Lower Upper

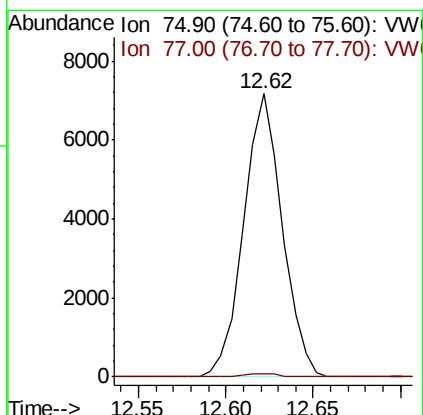
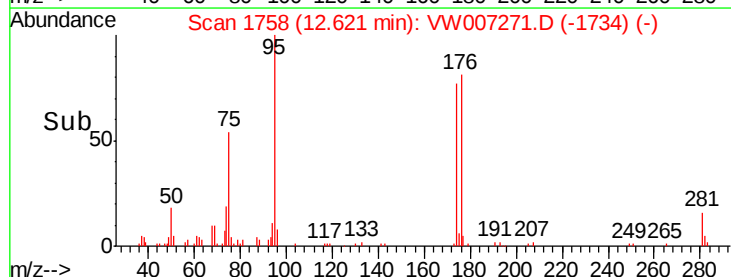
75 100

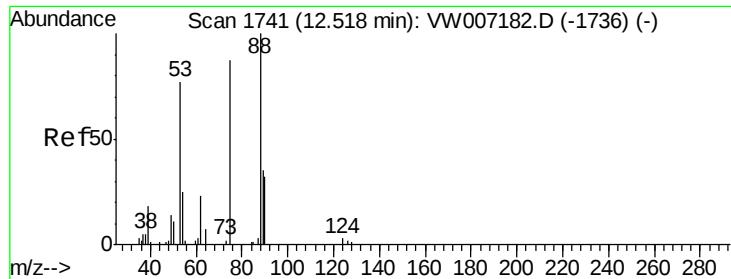
77 1.0 0.0 0.0#



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: 130.371 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007271.D
 Acq: 06 Dec 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 10983
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

