

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007669.D
 Acq On : 18 Dec 2018 19:54
 Operator : SY/AP
 Sample : J6353-10
 Misc : 4.18G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:21:05 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

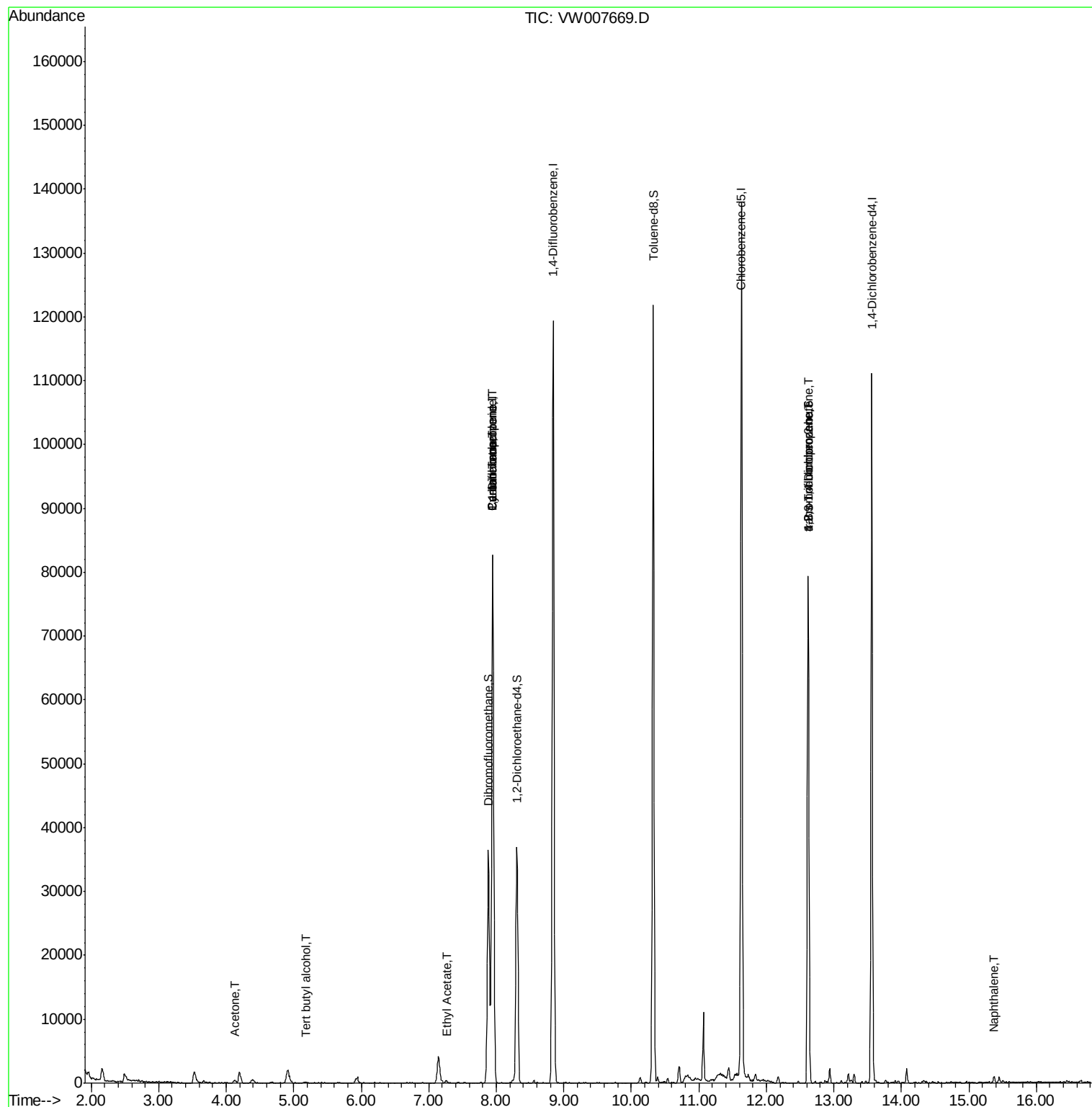
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30476	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
35) Dibromofluoromethane	7.88	113	25501	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
50) Toluene-d8	10.32	98	81129	34.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.48%	
62) 4-Bromofluorobenzene	12.62	95	25239	29.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	291	6.274	ug/l #	74
16) Acetone	4.12	43	947	8.028	ug/l #	75
20) Methylene Chloride	4.90	84	1825	Below Cal	#	86
31) Cyclohexane	7.94	56	1291	1.231	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	4672	4.977	ug/l #	49
37) Ethyl Acetate	7.27	43	665	1.905	ug/l #	66
38) Carbon Tetrachloride	7.94	117	6358	6.225	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	12992	54.662	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	12992	120.749	ug/l #	7
95) Naphthalene	15.38	128	1266	1.100	ug/l #	89

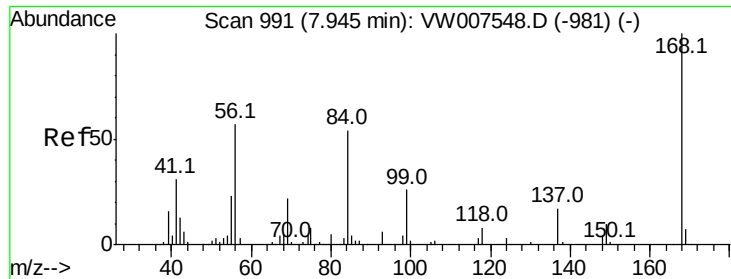
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

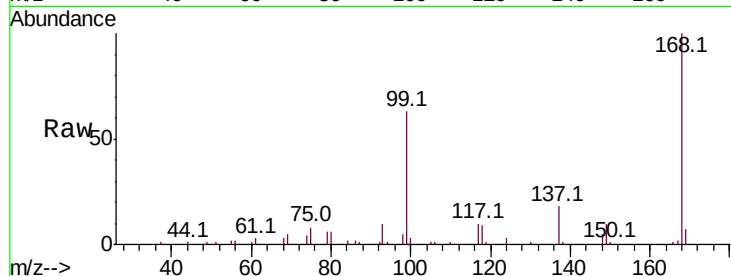
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 60872

Ion Ratio Lower Upper

168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

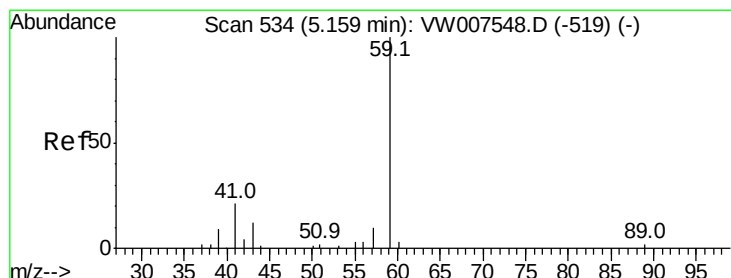
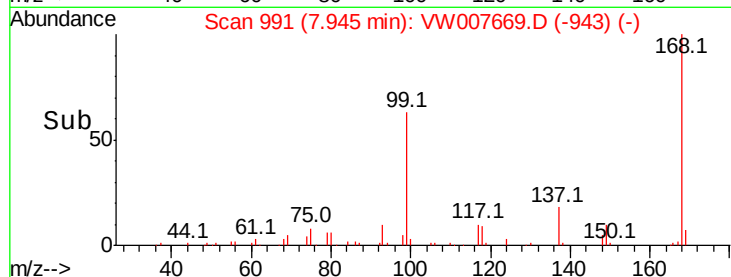
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.274 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007669.D

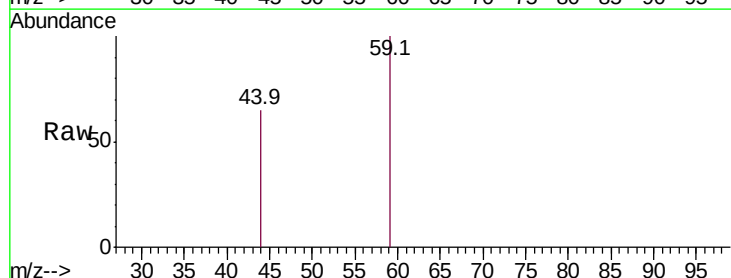
Acq: 18 Dec 2018 19:54

Tgt Ion: 59 Resp: 291

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

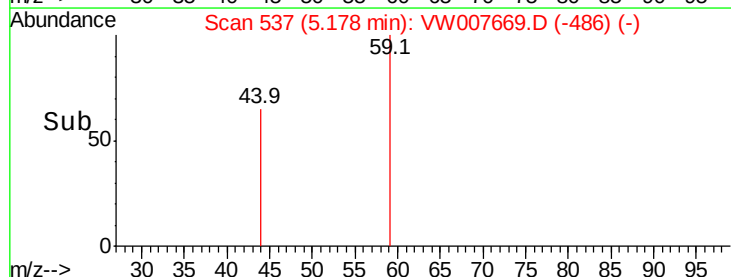
5.18

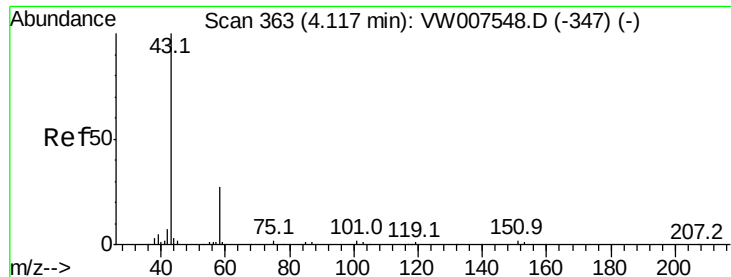
100

50

0

Time-->





#16

Acetone

Concen: 8.028 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Instrument :

MSVOA_W

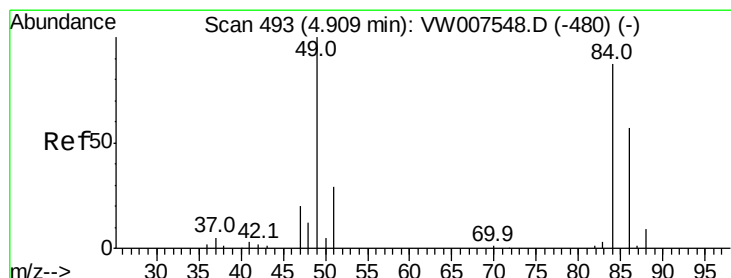
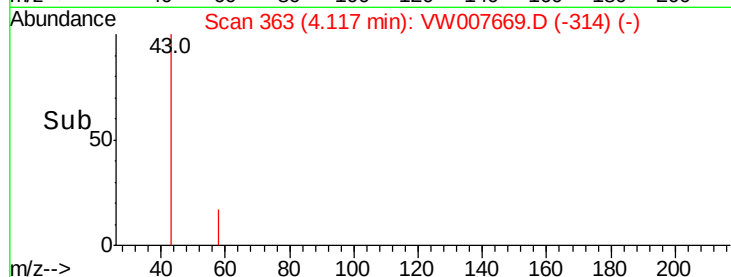
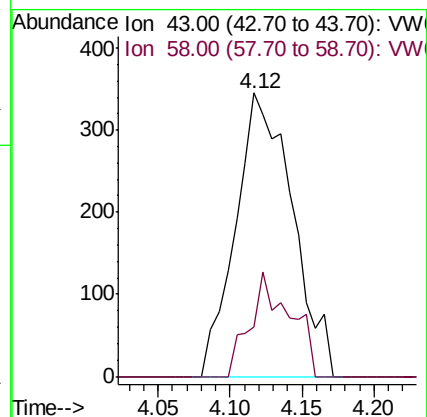
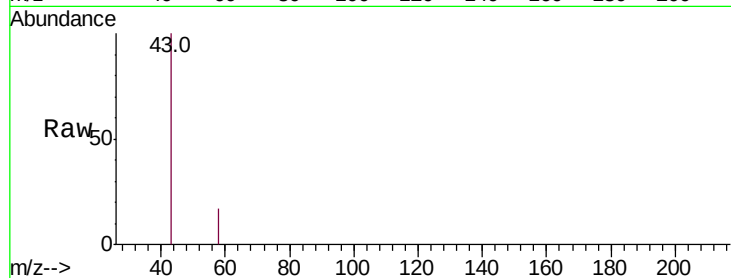
ClientSampleId :

Tot Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 17.4 24.9 37.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Tgt Ion: 84 Resp: 1825

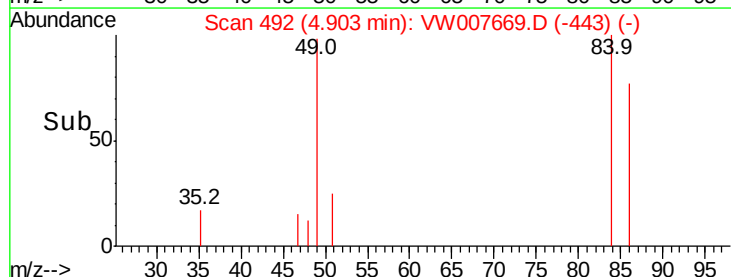
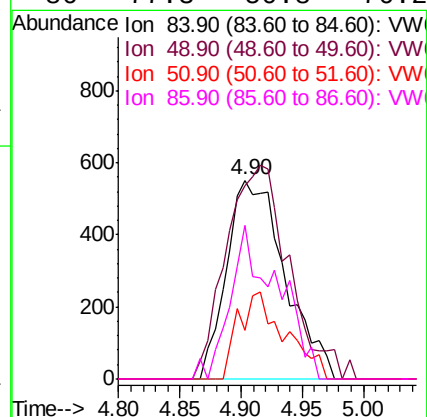
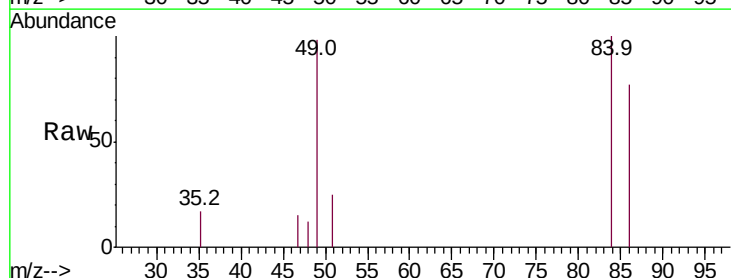
Ion Ratio Lower Upper

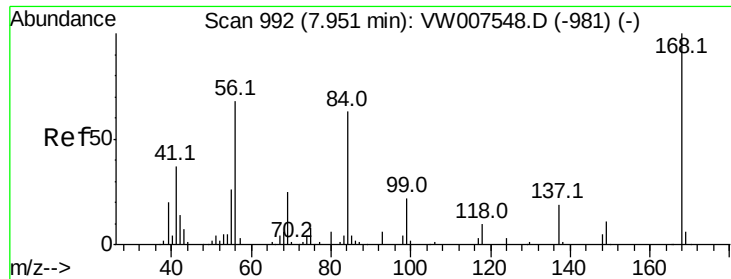
84 100

49 97.6 87.1 130.7

51 24.5 28.2 42.2#

86 77.3 50.8 76.2#

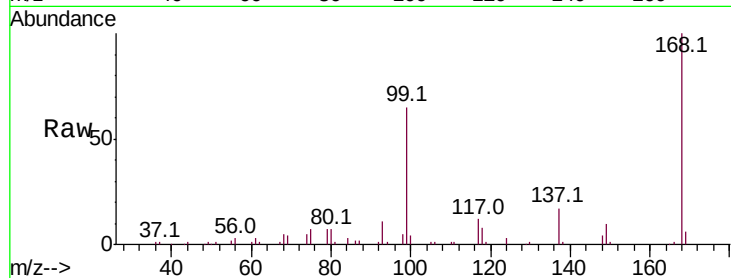




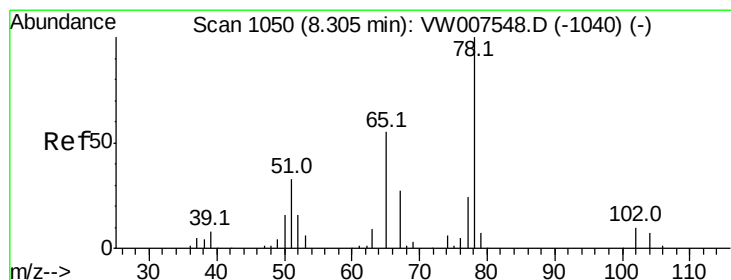
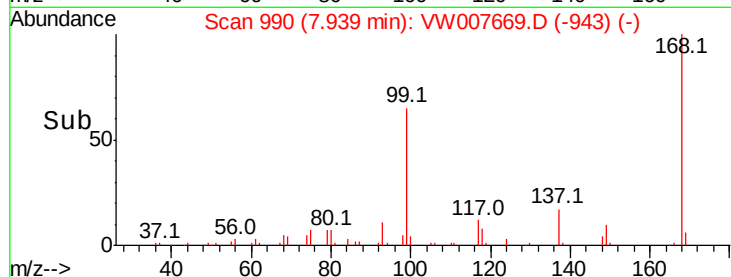
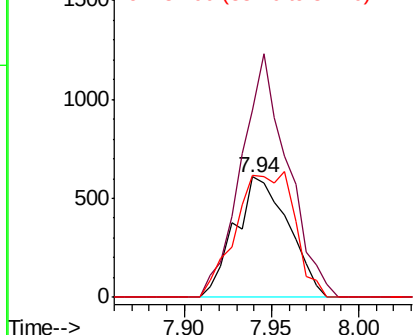
#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1291
Ion Ratio Lower Upper
56 100
69 156.0 28.9 43.3#
84 101.2 71.8 107.6

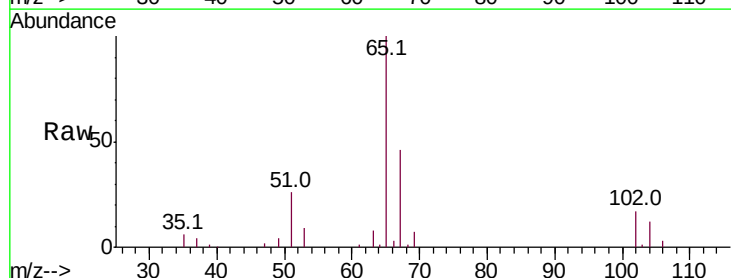


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

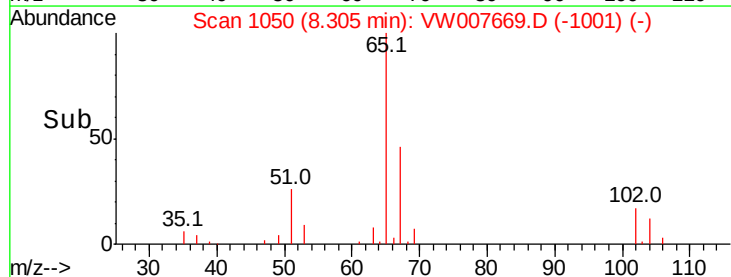
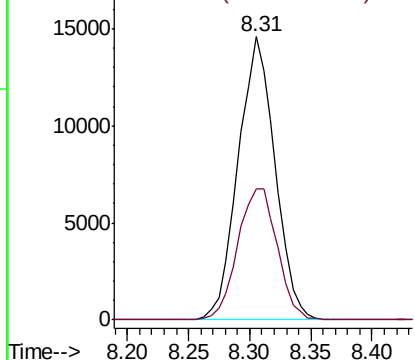


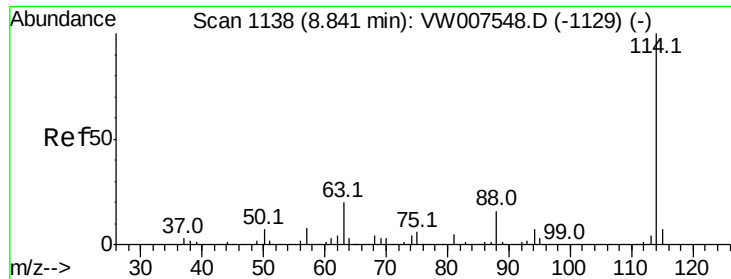
#33
1,2-Dichloroethane-d4
Concen: 45.128 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

Tgt Ion: 65 Resp: 30476
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



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

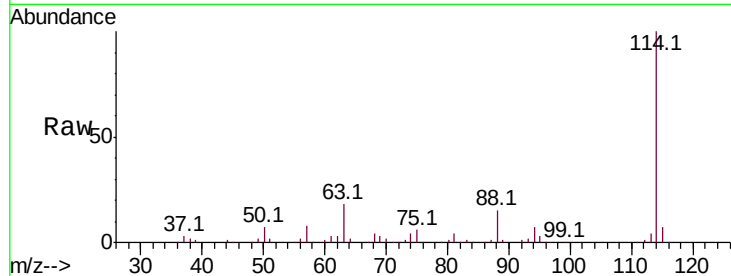




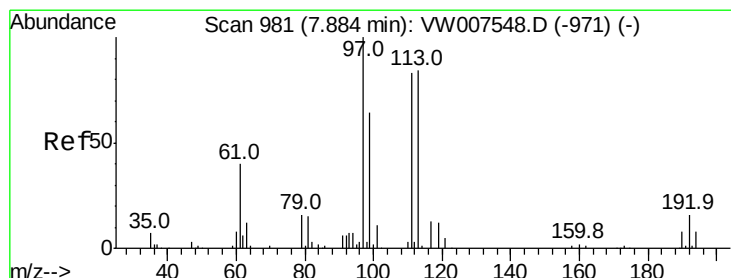
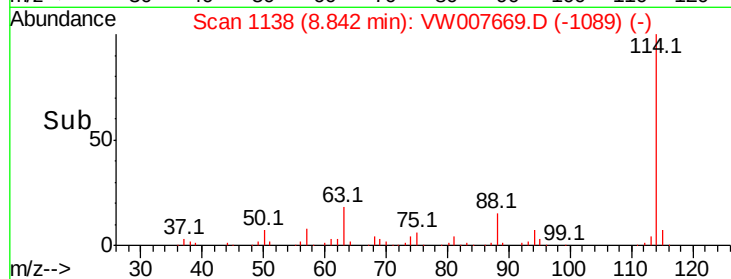
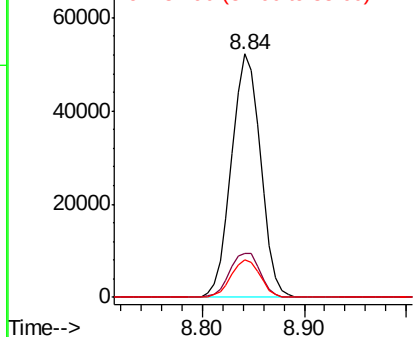
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	114	Resp:	102905
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.6
88	15.4	0.0	31.4

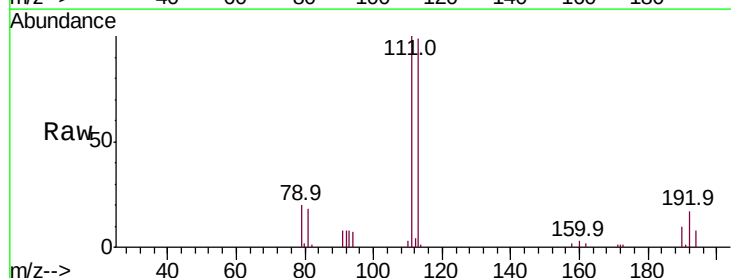


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

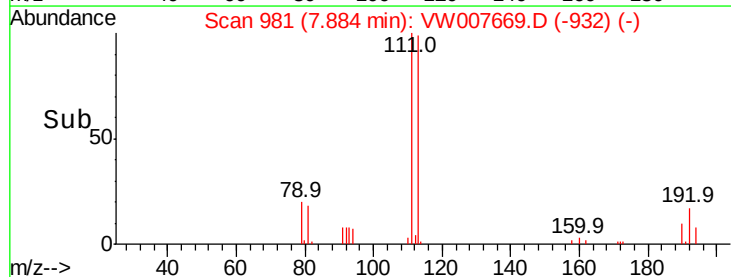
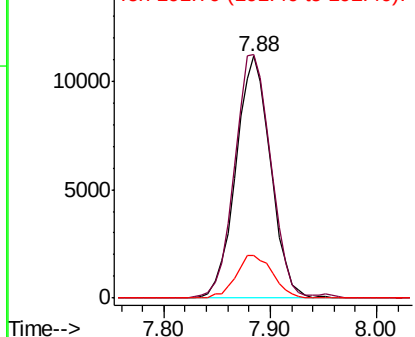


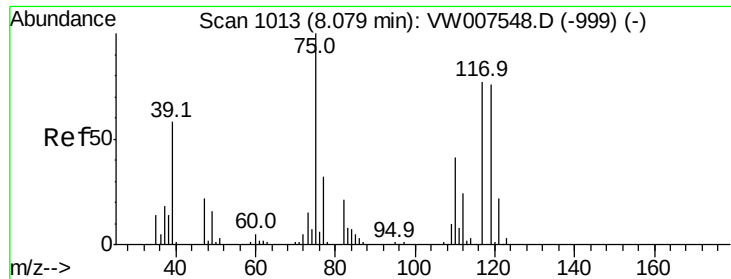
#35
 Dibromofluoromethane
 Concen: 40.937 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Tgt Ion:	113	Resp:	25501
Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.1	121.7
192	18.6	14.6	21.8



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: 4.977 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

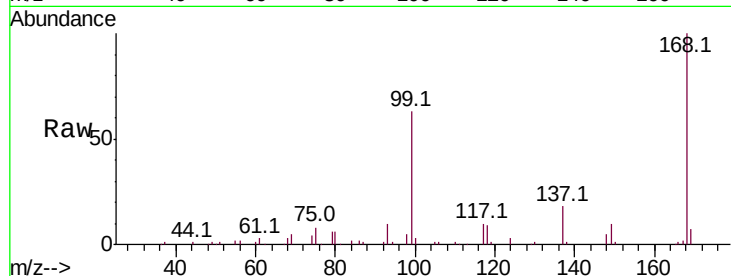
Tot Ion: 75 Resp: 4672

Ion Ratio Lower Upper

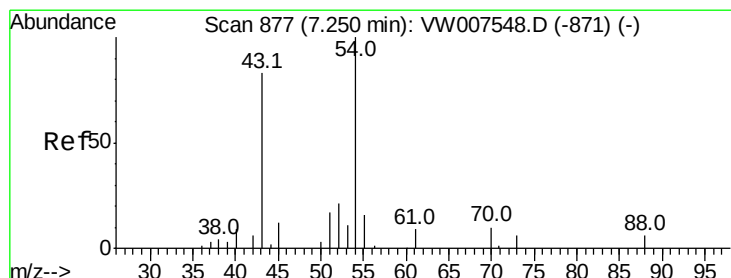
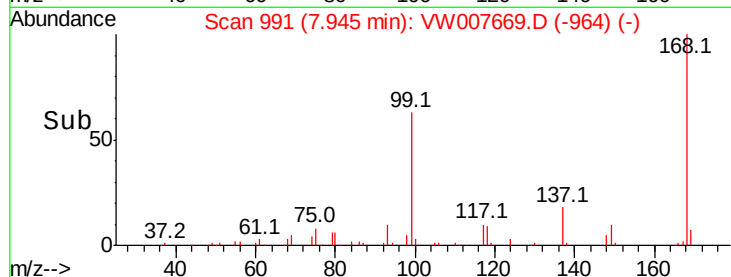
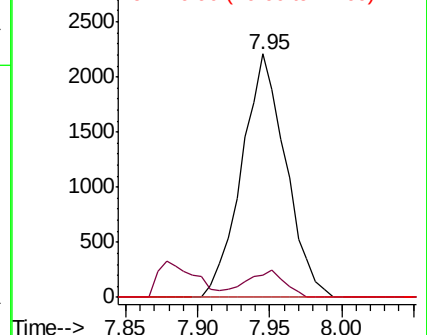
75 100

110 10.0 18.5 55.5#

77 0.0 25.6 38.4#



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



#37

Ethyl Acetate

Concen: 1.905 ug/l

RT: 7.27 min Scan# 880

Delta R.T. 0.02 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

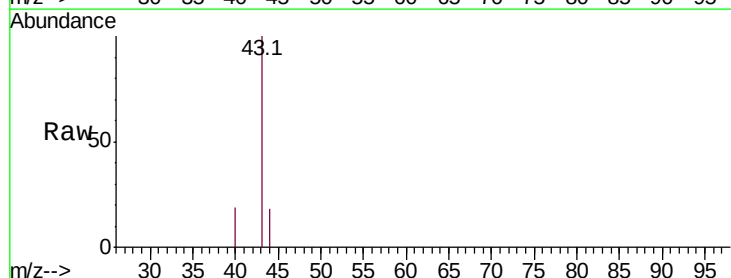
Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

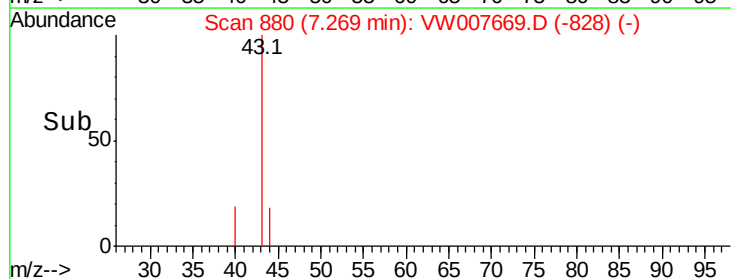
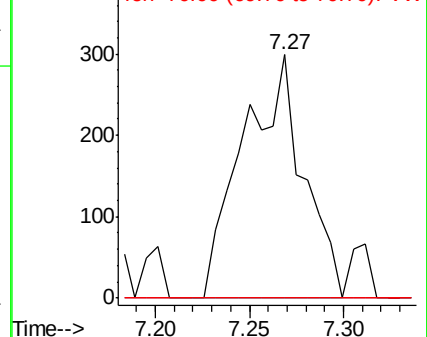
43 100

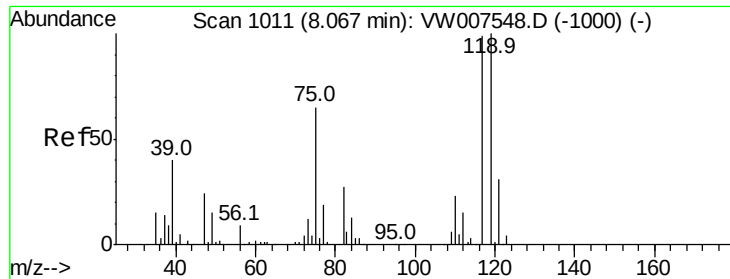
61 0.0 12.1 18.1#

70 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

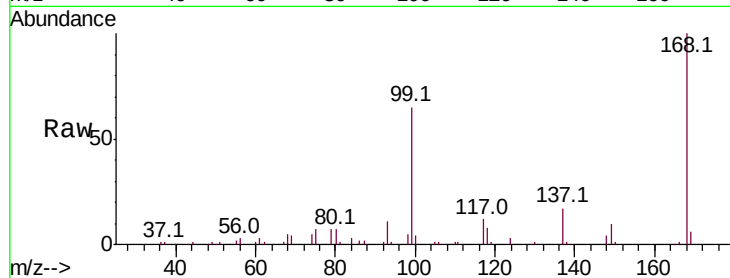




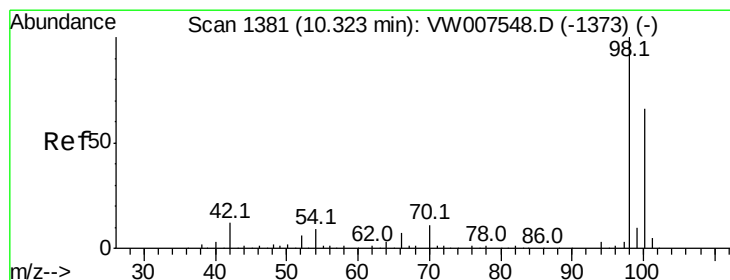
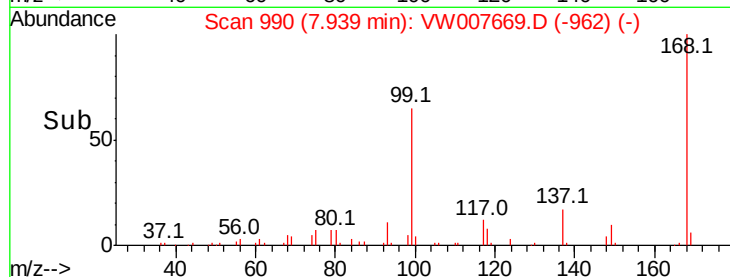
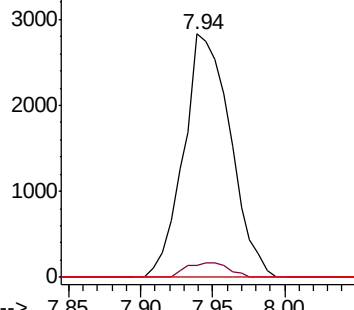
#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 6358
Ion Ratio Lower Upper
117 100
119 4.9 74.3 111.5#
121 0.0 24.3 36.5#

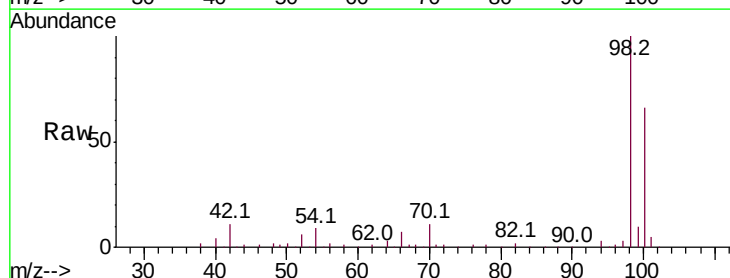


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

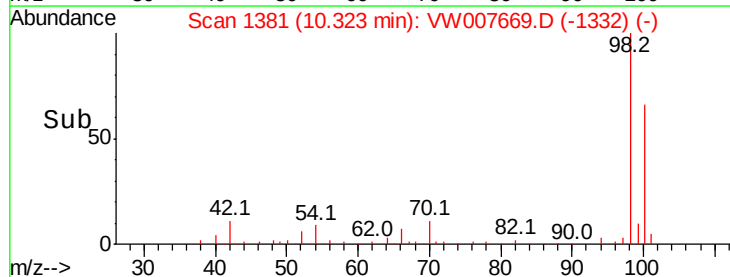
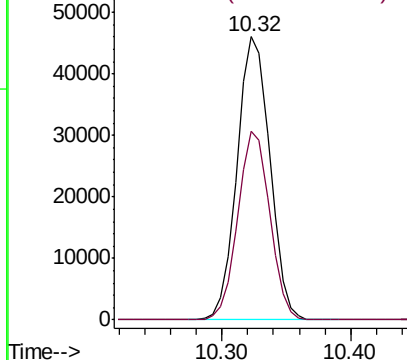


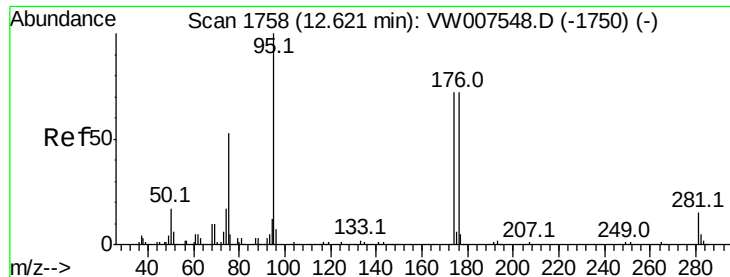
#50
Toluene-d8
Concen: 34.735 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

Tgt Ion: 98 Resp: 81129
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



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

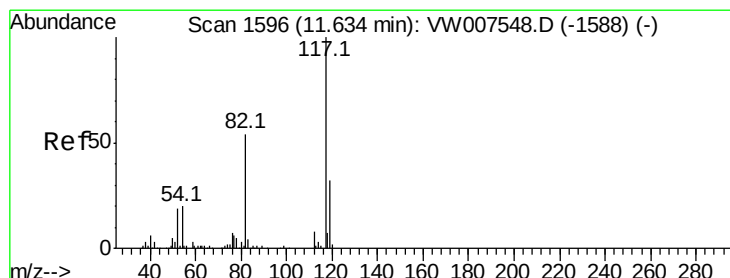
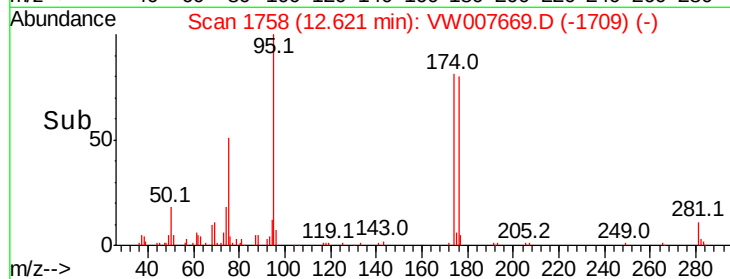
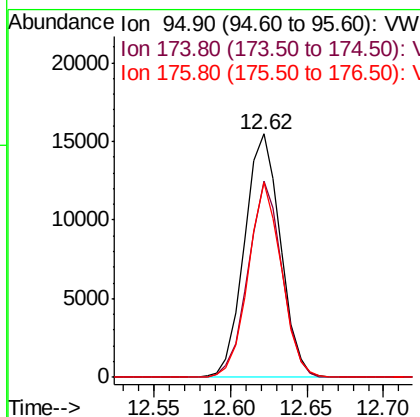
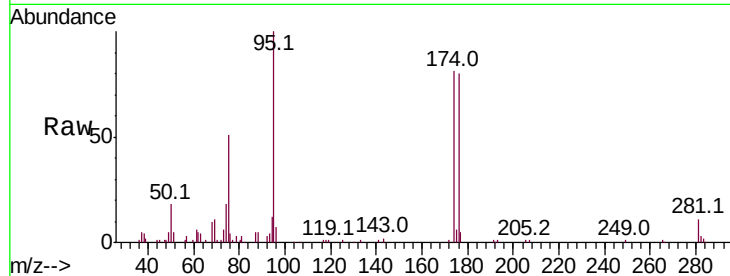




#62
4-Bromofluorobenzene
Concen: 29.390 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

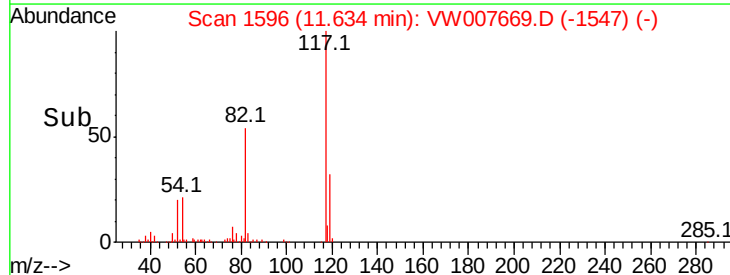
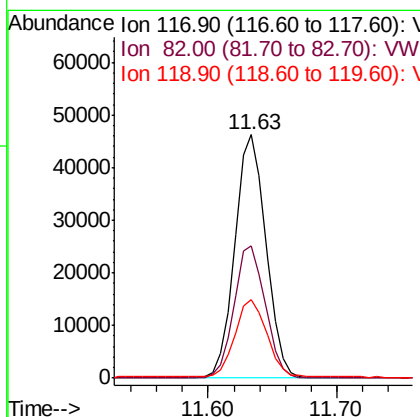
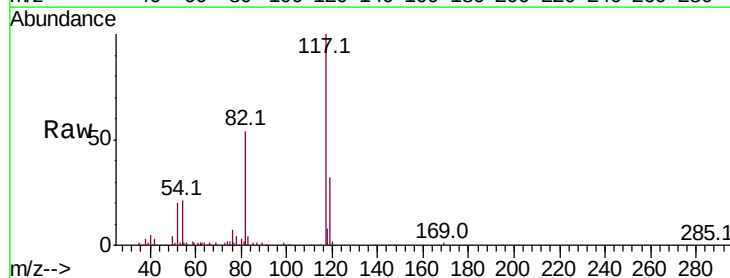
Instrument :
MSVOA_W
ClientSampleId :

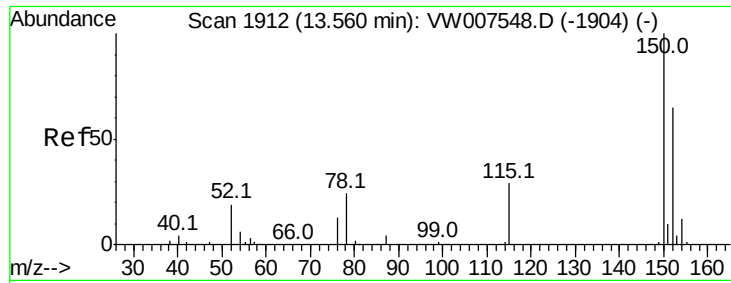
Tot Ion	95	Resp	25239
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	147.2
176	74.1	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007669.D
Acq: 18 Dec 2018 19:54

Tgt Ion	117	Resp	77499
Ion Ratio	Lower	Upper	
117	100		
82	54.1	42.3	63.5
119	31.8	23.0	34.6

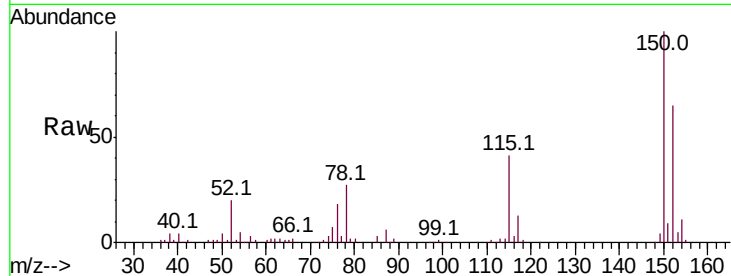




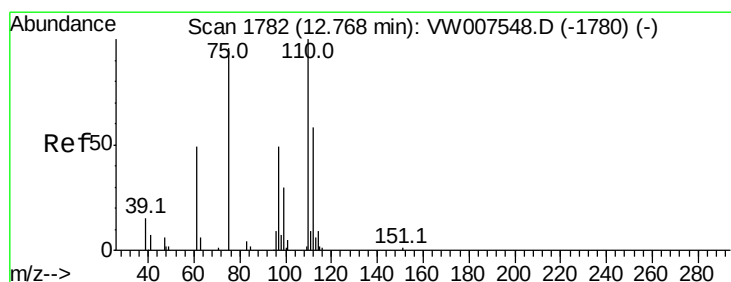
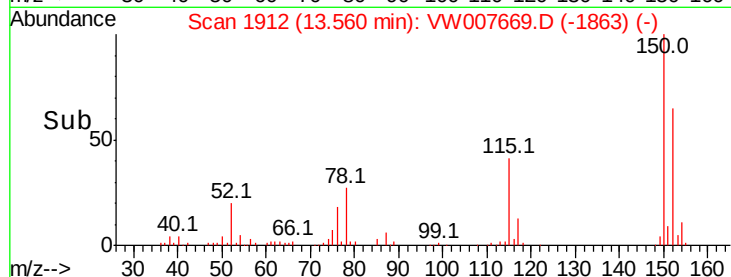
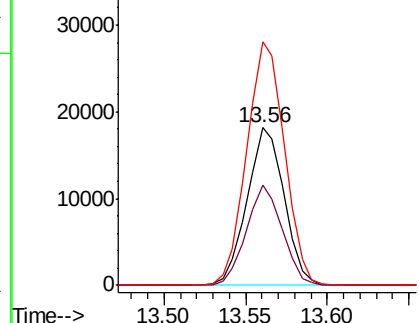
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:152 Resp: 28826
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.4 94.2
 150 157.0 0.0 358.4

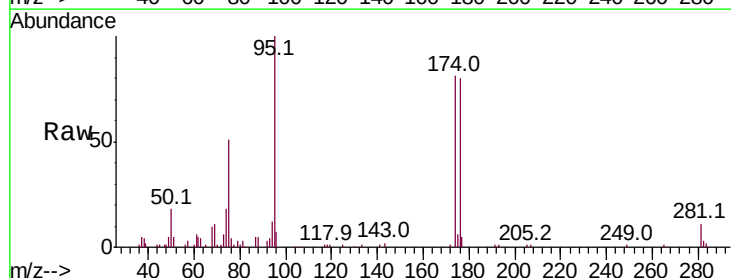


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

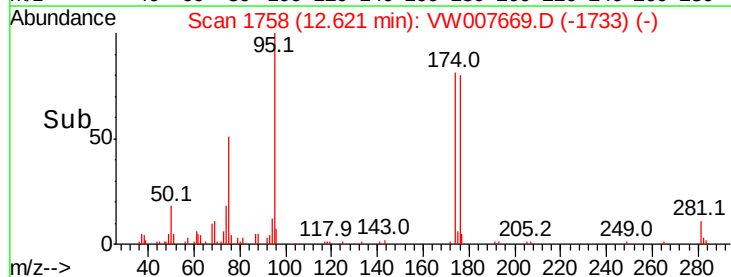
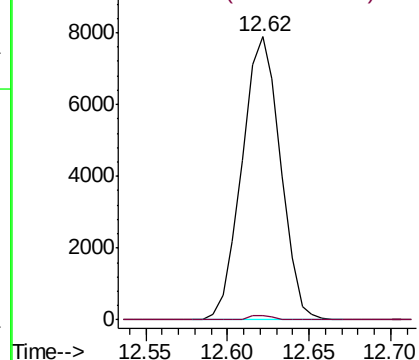


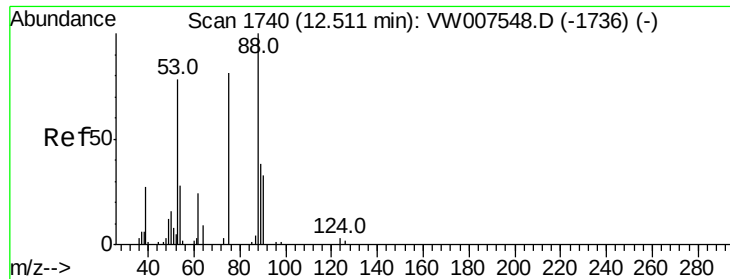
#76
 1,2,3-Trichloropropane
 Concen: 54.662 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Tgt Ion: 75 Resp: 12992
 Ion Ratio Lower Upper
 75 100
 77 0.8 166.9 500.8#



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: 120.749 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampled :

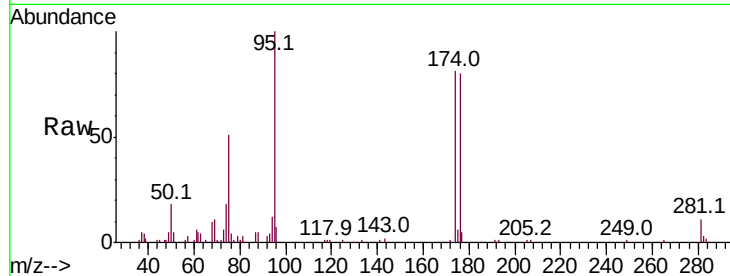
Tot Ion: 75 Resp: 12992

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

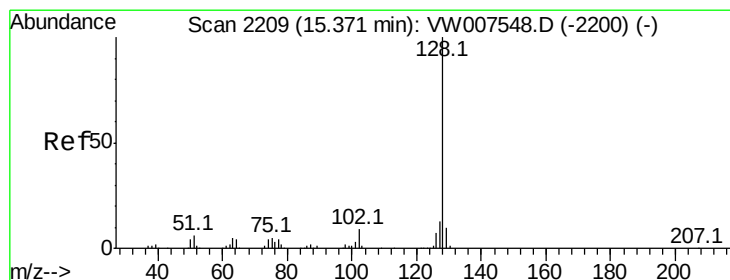
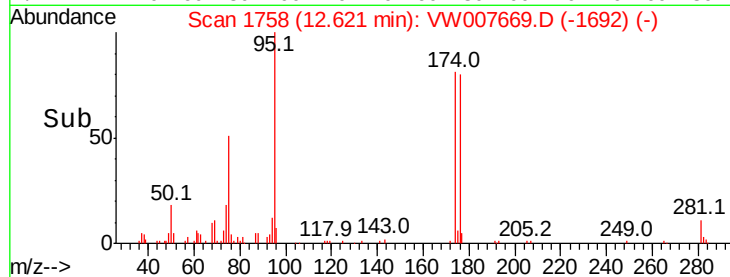
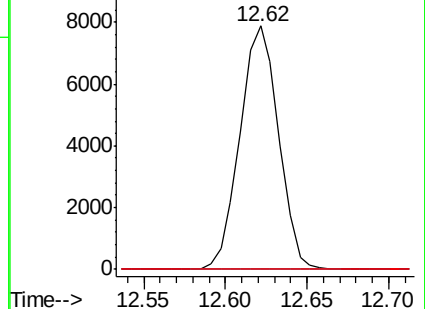
89 0.0 40.3 60.5#



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



#95

Naphthalene

Concen: 1.100 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

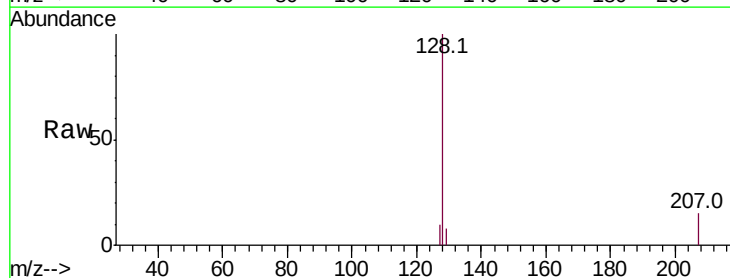
Tgt Ion: 128 Resp: 1266

Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.4#

129 5.5 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

