

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007668.D
 Acq On : 18 Dec 2018 19:28
 Operator : SY/AP
 Sample : J6391-19RE
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:20:56 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	67532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	82546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29323	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	36214	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	30911	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	10.32	98	96520	39.20	ug/l	0.00
Spiked Amount			Recovery	=	78.40%	
62) 4-Bromofluorobenzene	12.62	95	28111	31.05	ug/l	0.00
Spiked Amount			Recovery	=	62.10%	

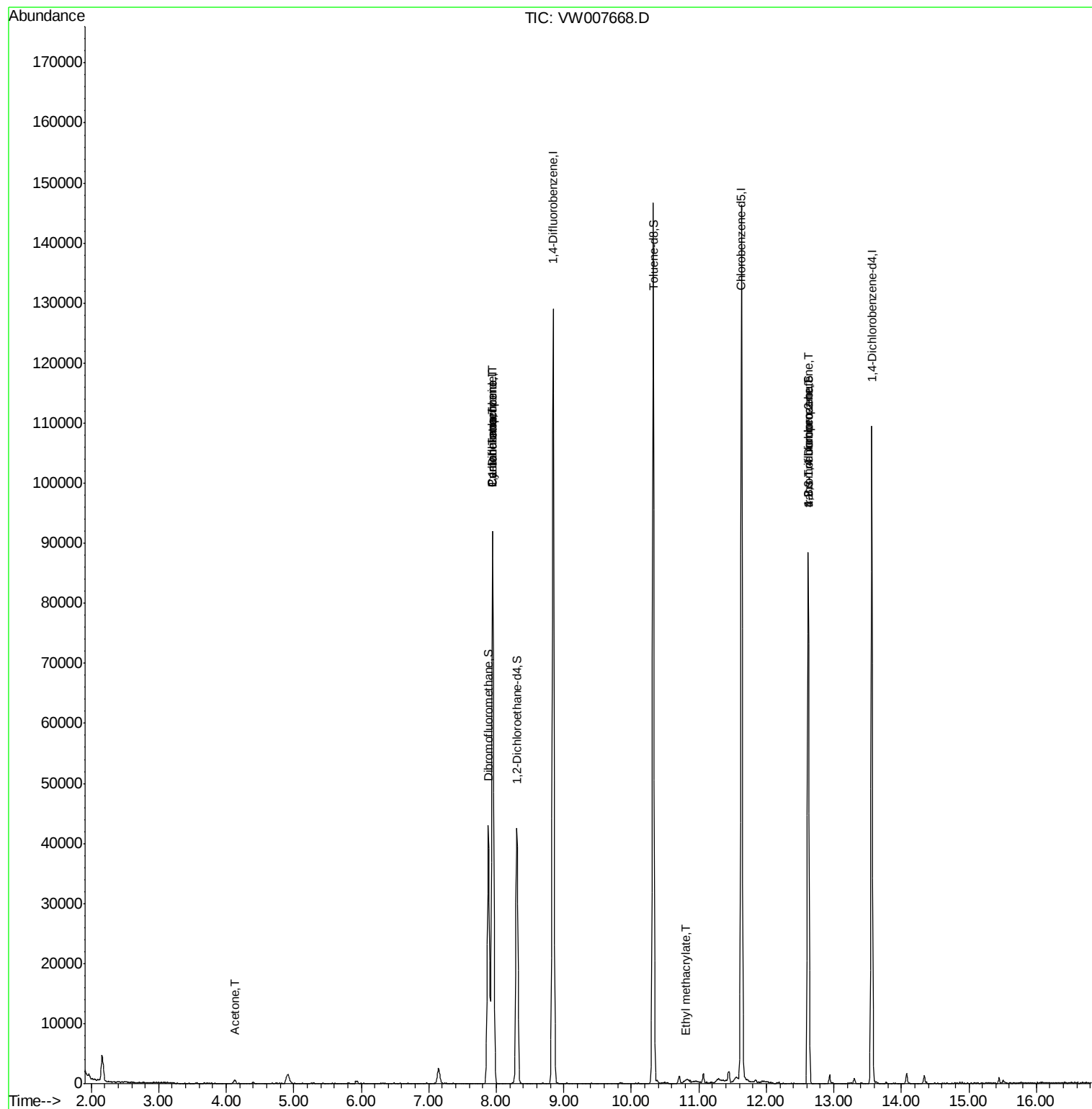
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1025	7.832	ug/l #	81
20) Methylene Chloride	4.92	84	1587	Below Cal	#	89
31) Cyclohexane	7.94	56	1253	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5179	5.233	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7020	6.519	ug/l #	17
56) Ethyl methacrylate	10.81	69	801	1.357	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	14691	60.763	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	14691	134.225	ug/l #	7

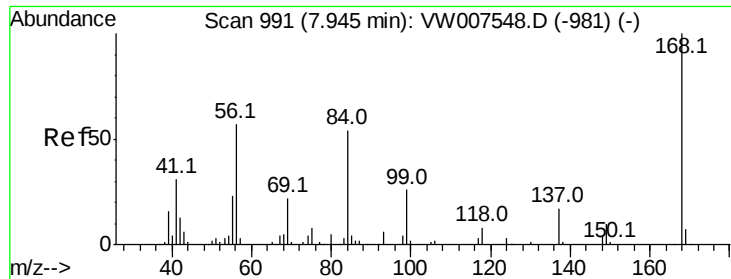
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Instrument :

MSVOA_W

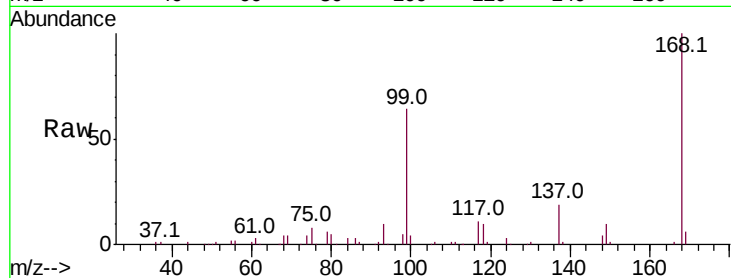
ClientSampleId :

Tot Ion:168 Resp: 67532

Ion Ratio Lower Upper

168 100

99 63.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

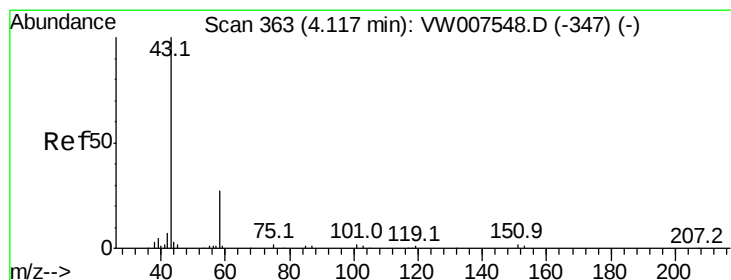
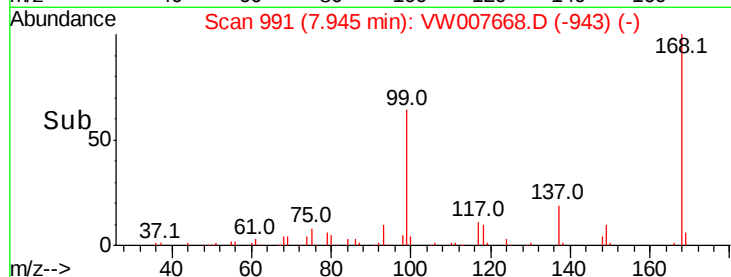
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 7.832 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007668.D

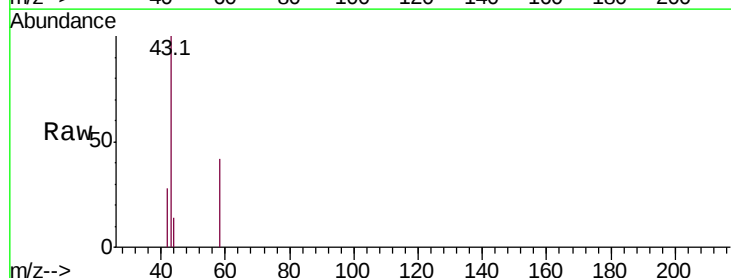
Acq: 18 Dec 2018 19:28

Tgt Ion: 43 Resp: 1025

Ion Ratio Lower Upper

43 100

58 41.5 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

400

300

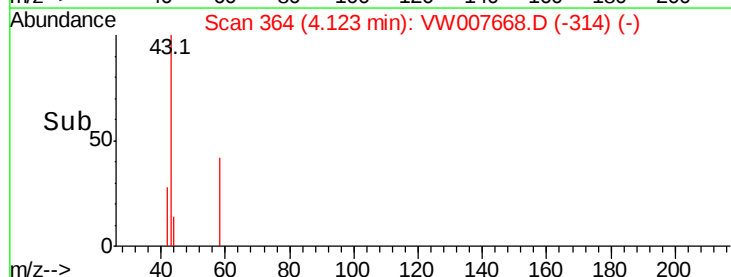
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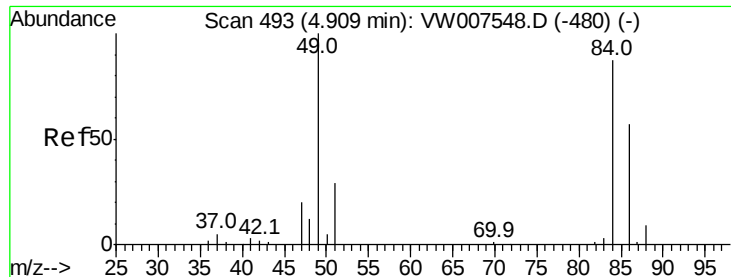
100

0

Time-->

4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

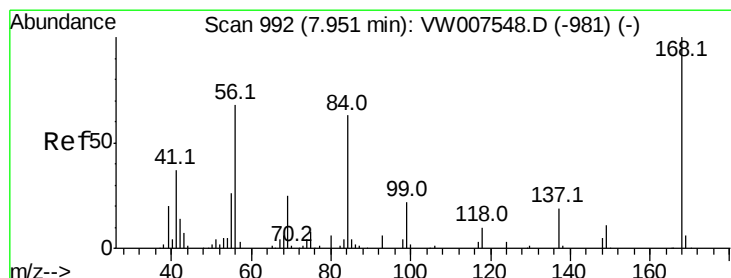
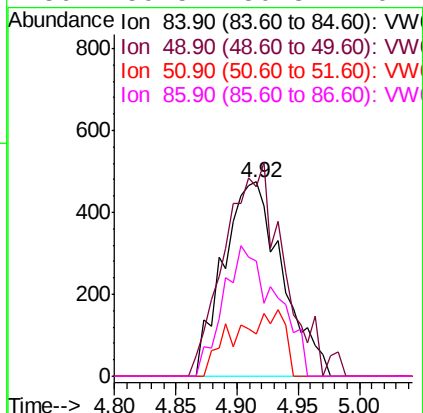
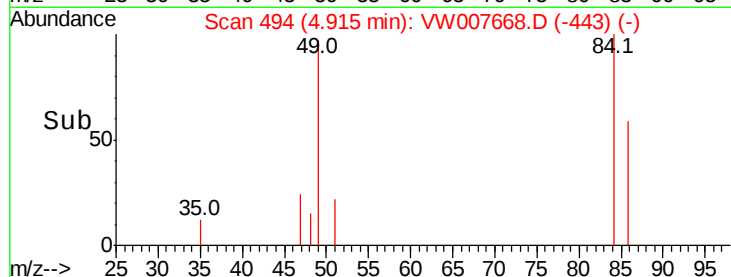
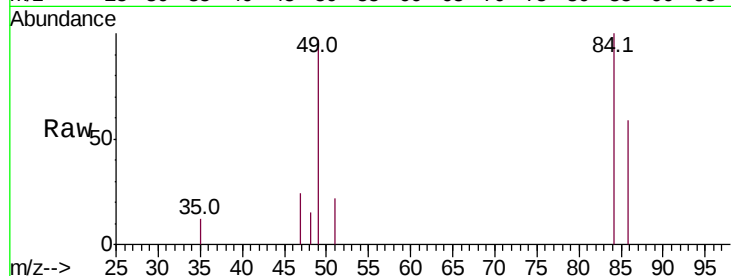
Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 1587

Ion	Ratio	Lower	Upper
84	100		
49	97.3	87.1	130.7
51	21.7	28.2	42.2#
86	59.5	50.8	76.2



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.94 min Scan# 990

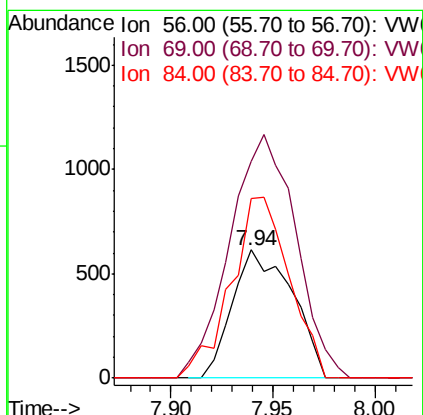
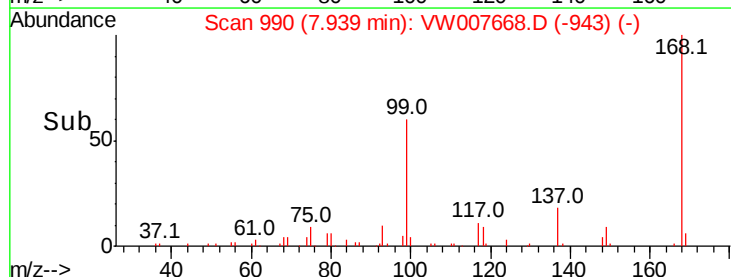
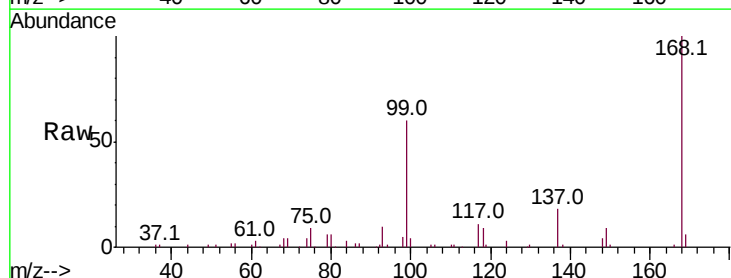
Delta R.T. -0.01 min

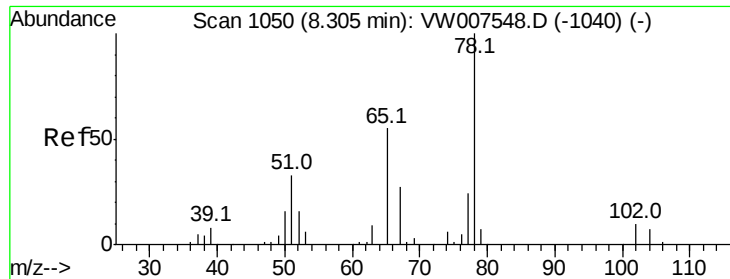
Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Tgt Ion: 56 Resp: 1253

Ion	Ratio	Lower	Upper
56	100		
69	160.7	28.9	43.3#
84	139.7	71.8	107.6#

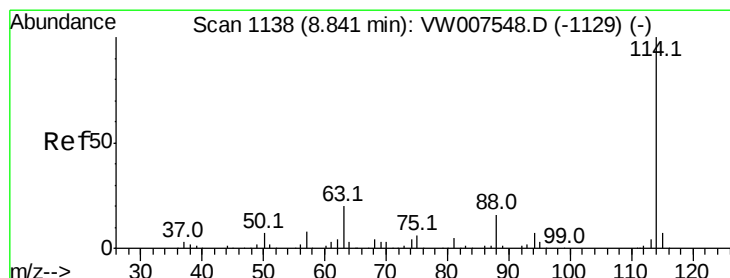
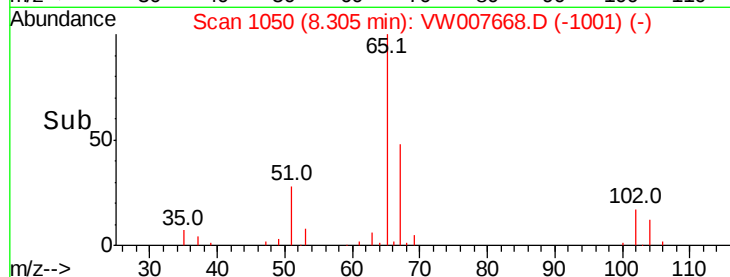
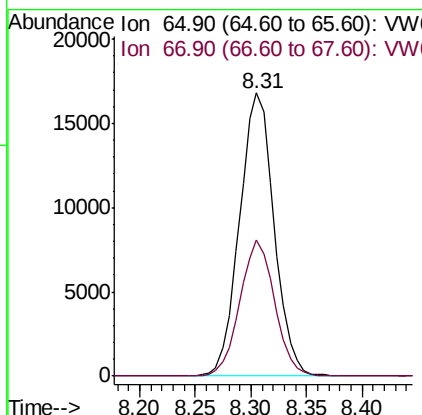
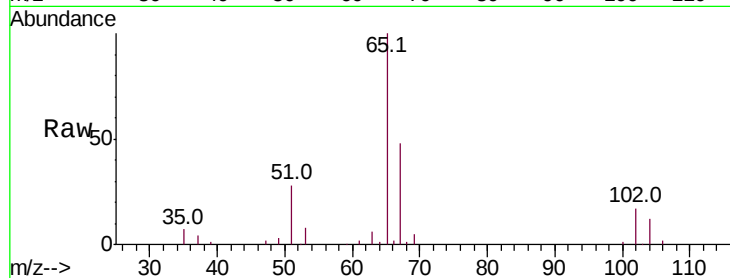




#33
 1,2-Dichloroethane-d4
 Concen: 48.336 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007668.D
 Acq: 18 Dec 2018 19:28

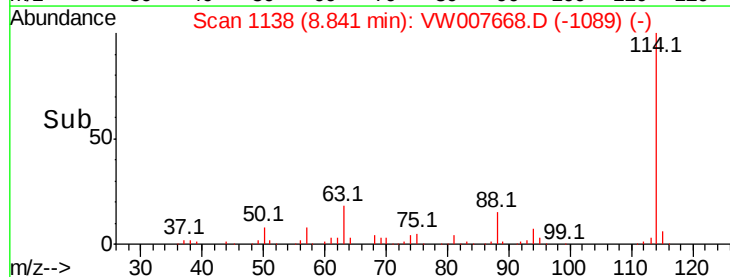
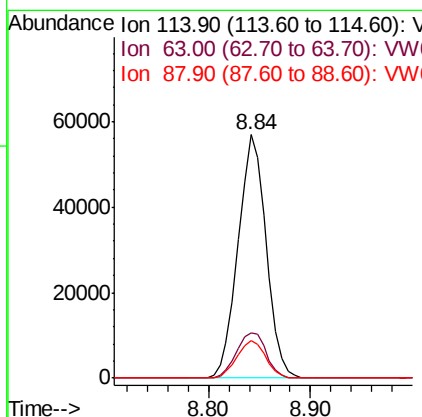
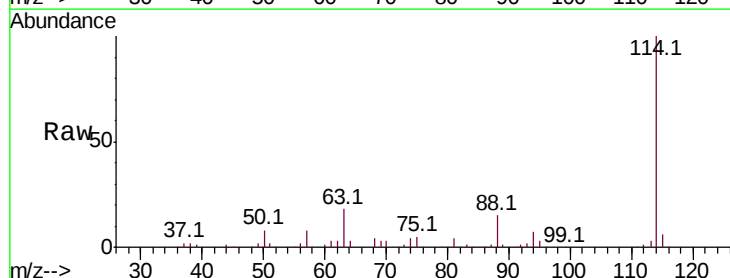
Instrument :
 MSVOA_W
 ClientSampleId :

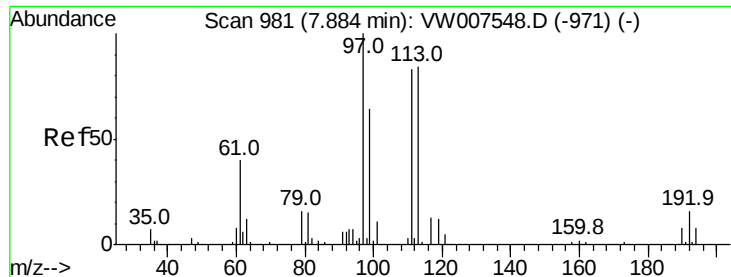
Tot Ion: 65 Resp: 36214
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007668.D
 Acq: 18 Dec 2018 19:28

Tgt Ion: 114 Resp: 108496
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.065 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :

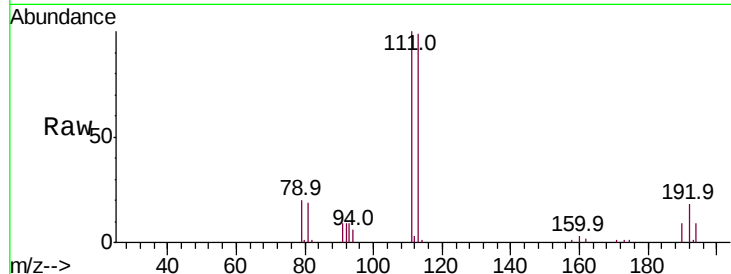
Tot Ion:113 Resp: 30911

Ion Ratio Lower Upper

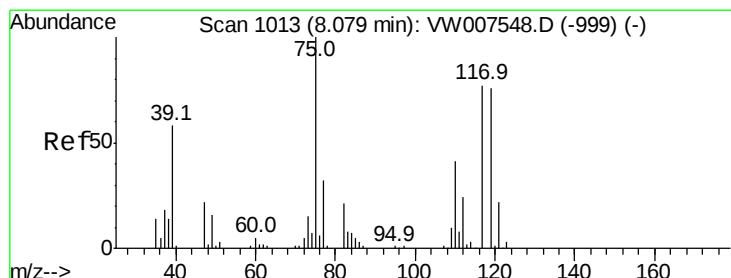
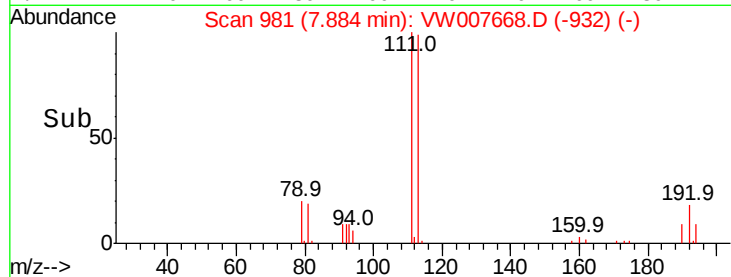
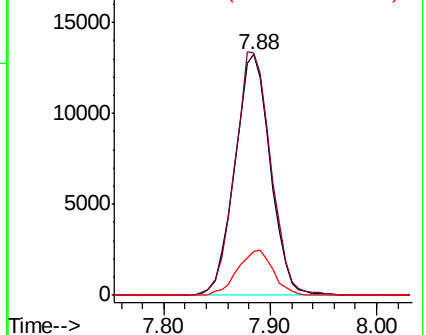
113 100

111 102.6 81.1 121.7

192 18.8 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: 5.233 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

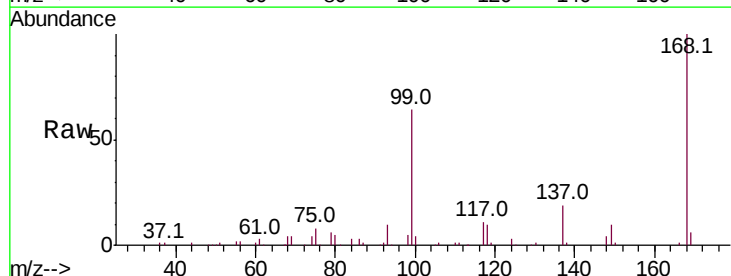
Tgt Ion: 75 Resp: 5179

Ion Ratio Lower Upper

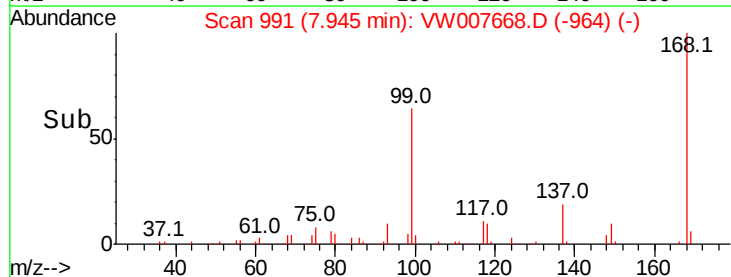
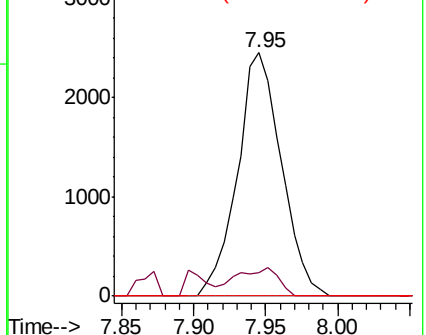
75 100

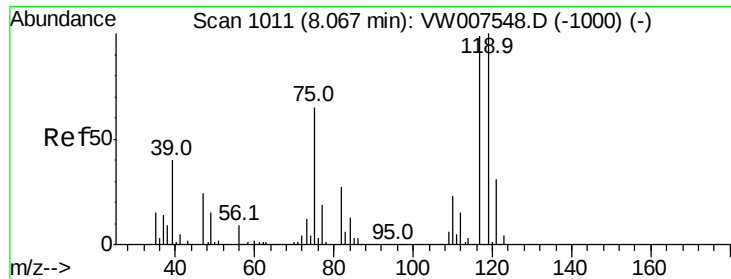
110 11.3 18.5 55.5#

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): V
Ion 76.90 (76.60 to 77.60): VW

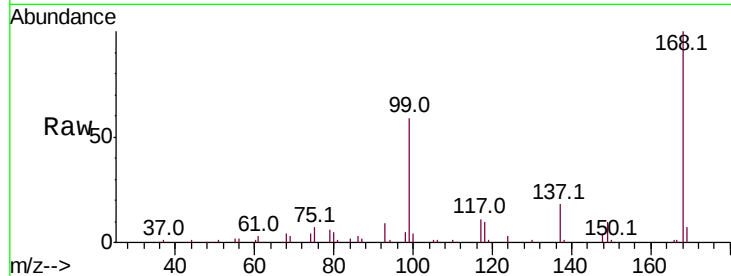




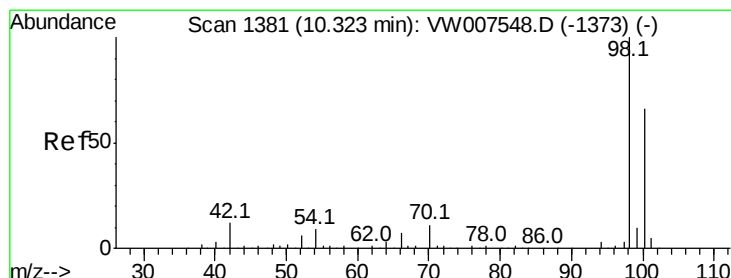
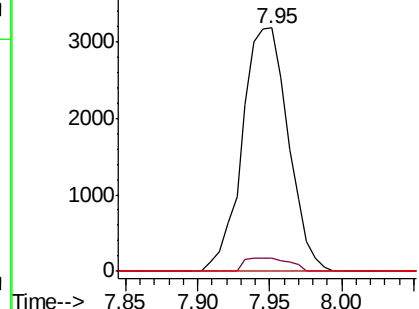
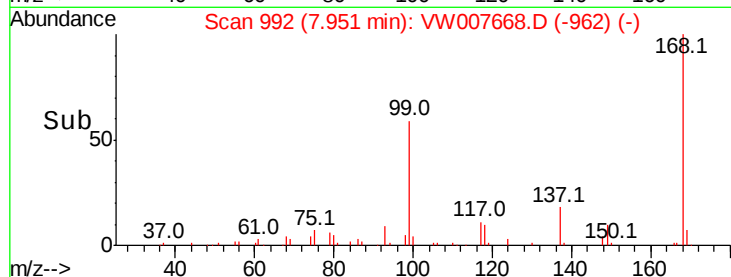
#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007668.D
Acq: 18 Dec 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 7020
Ion Ratio Lower Upper
117 100
119 5.3 74.3 111.5#
121 0.0 24.3 36.5#

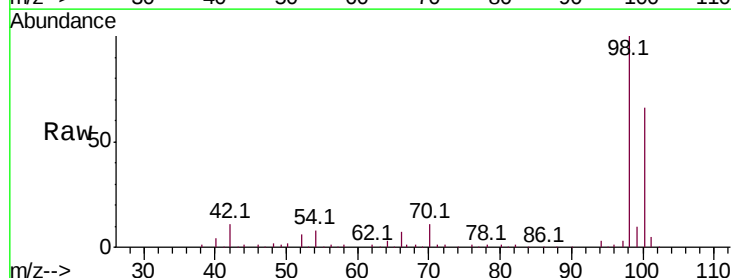


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

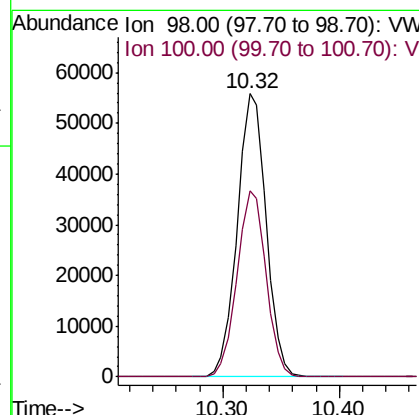
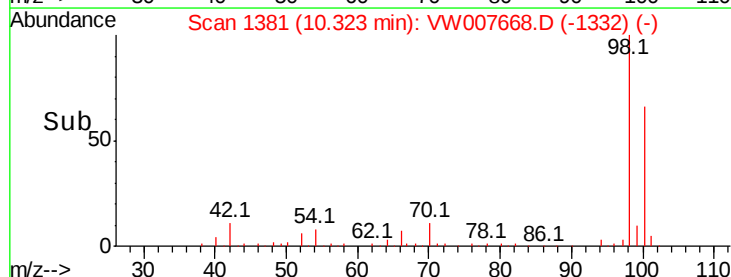


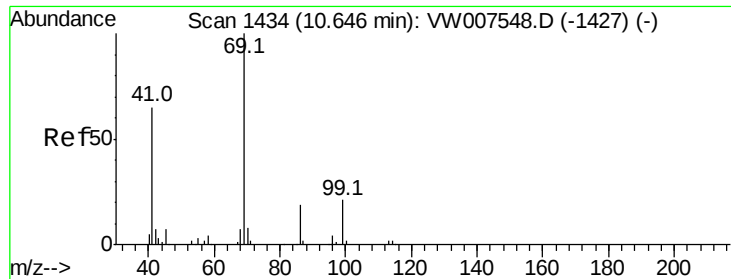
#50
Toluene-d8
Concen: 39.196 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007668.D
Acq: 18 Dec 2018 19:28

Tgt Ion: 98 Resp: 96520
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.8



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

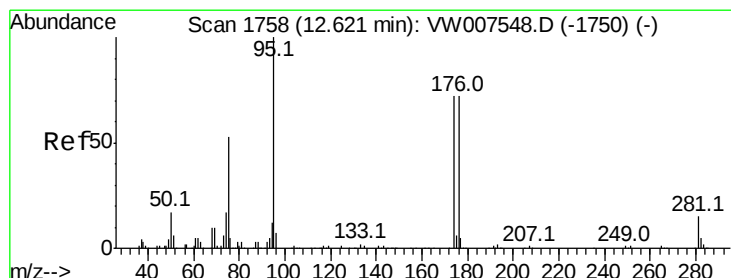
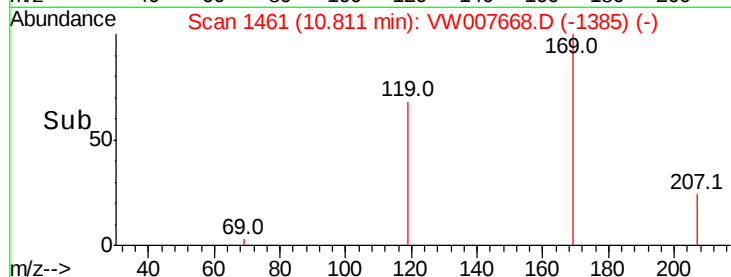
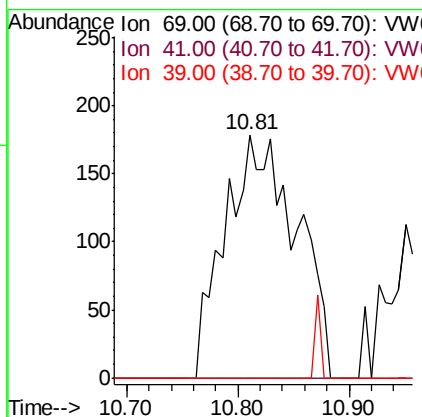
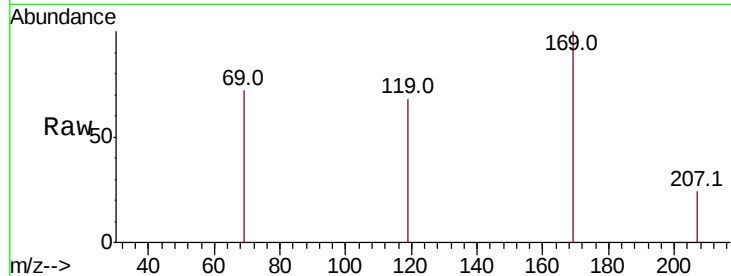




#56
 Ethyl methacrylate
 Concen: 1.357 ug/l
 RT: 10.81 min Scan# 1461
 Delta R.T. 0.16 min
 Lab File: VW007668.D
 Acq: 18 Dec 2018 19:28

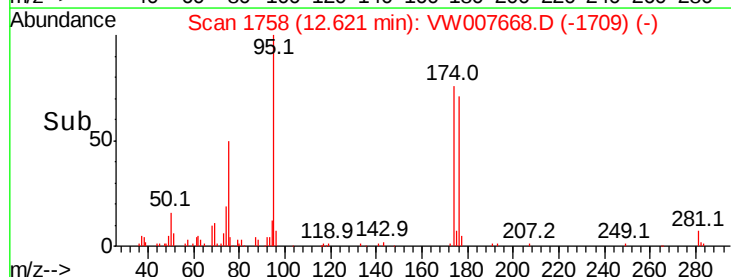
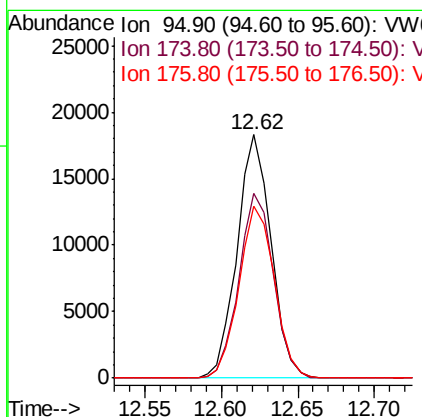
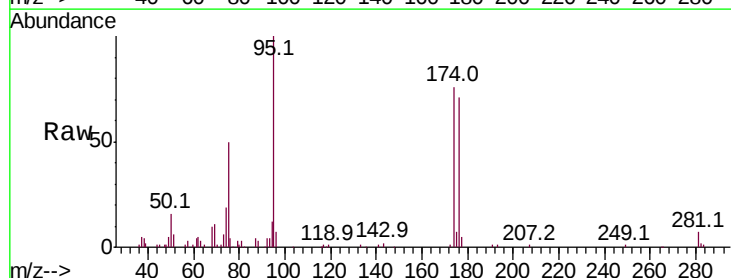
Instrument :
 MSVOA_W
 ClientSampled :

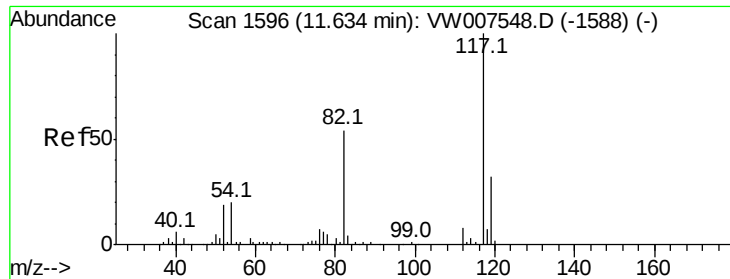
Tot Ion: 69 Resp: 801
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.0 76.6#
 39 0.0 30.8 46.2#



#62
 4-Bromofluorobenzene
 Concen: 31.048 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007668.D
 Acq: 18 Dec 2018 19:28

Tgt Ion: 95 Resp: 28111
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 147.2
 176 74.0 0.0 138.8

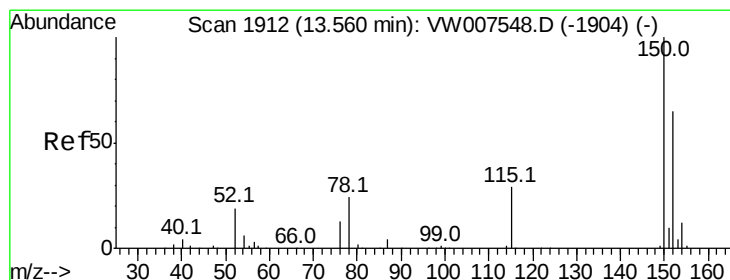
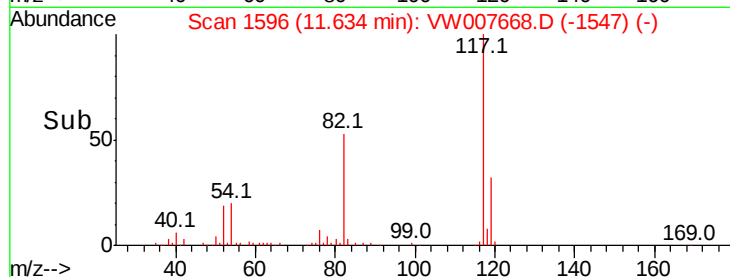
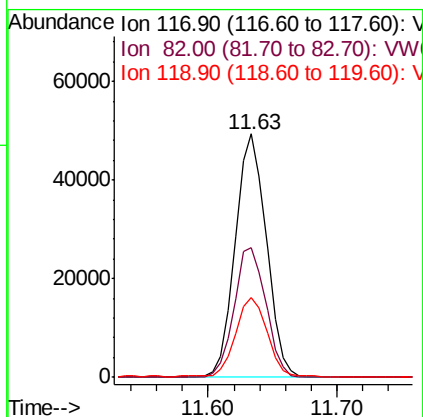
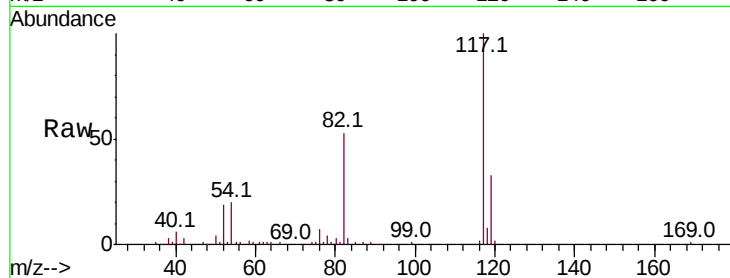




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007668.D
Acq: 18 Dec 2018 19:28

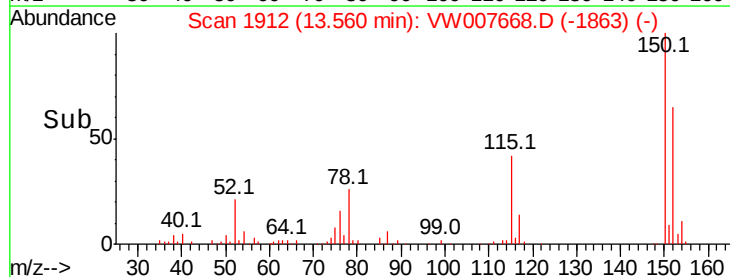
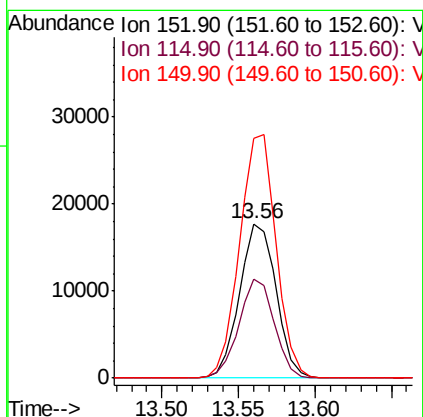
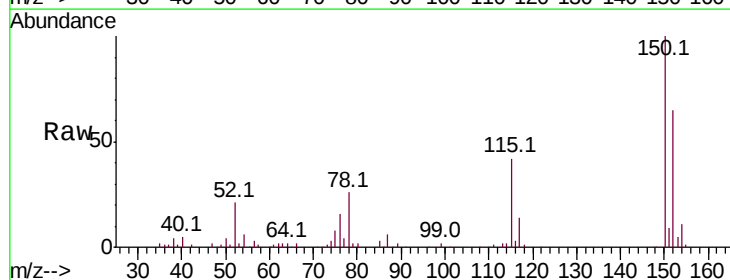
Instrument :
MSVOA_W
ClientSampleId :

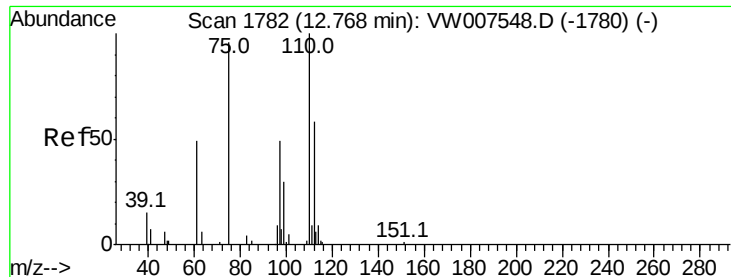
Tot Ion:117 Resp: 82546
Ion Ratio Lower Upper
117 100
82 53.0 42.3 63.5
119 32.2 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007668.D
Acq: 18 Dec 2018 19:28

Tgt Ion:152 Resp: 29323
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.2
150 157.4 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 60.763 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Instrument :

MSVOA_W

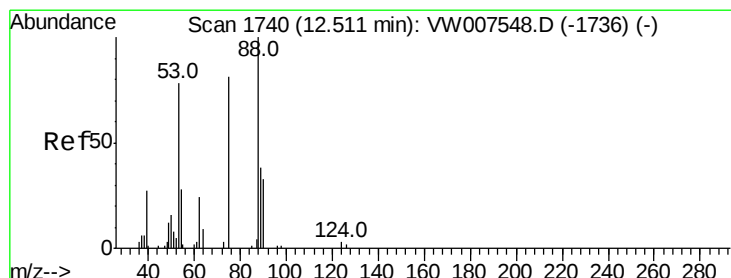
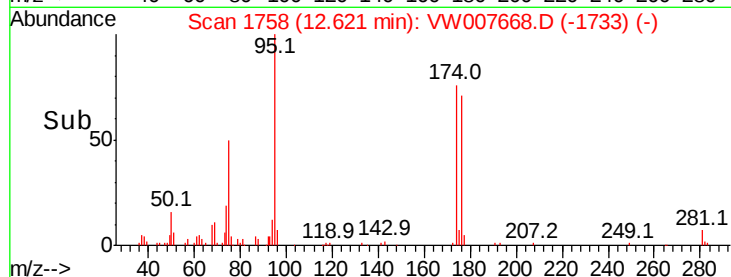
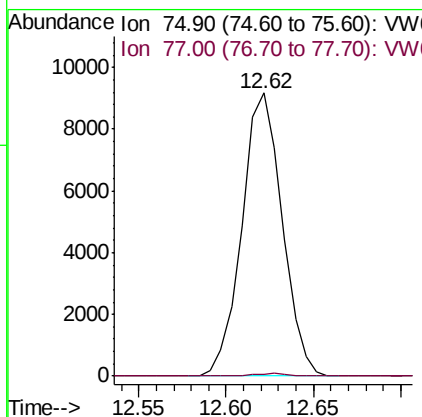
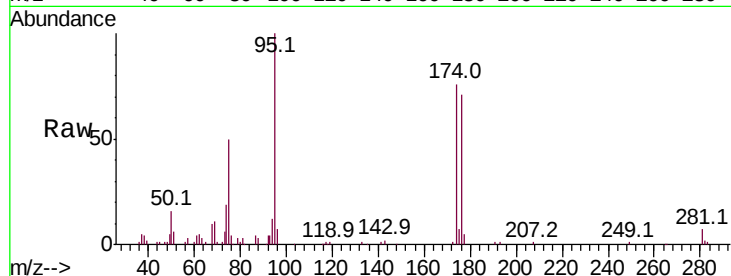
ClientSampled :

Tot Ion: 75 Resp: 14691

Ion Ratio Lower Upper

75 100

77 0.7 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.225 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007668.D

Acq: 18 Dec 2018 19:28

Tgt Ion: 75 Resp: 14691

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

