

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007558.D
 Acq On : 15 Dec 2018 03:13
 Operator : SY/AP
 Sample : J6391-17
 Misc : 3.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS018-0612-01

Quant Time: Dec 15 03:57:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 15 03:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	48610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14546	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	35142	65.16	ug/l	0.00
Spiked Amount			Recovery	=	130.32%	
35) Dibromofluoromethane	7.88	113	28431	60.82	ug/l	0.00
Spiked Amount			Recovery	=	121.64%	
50) Toluene-d8	10.32	98	77081	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	12.62	95	18384	28.53	ug/l	0.00
Spiked Amount			Recovery	=	57.06%	

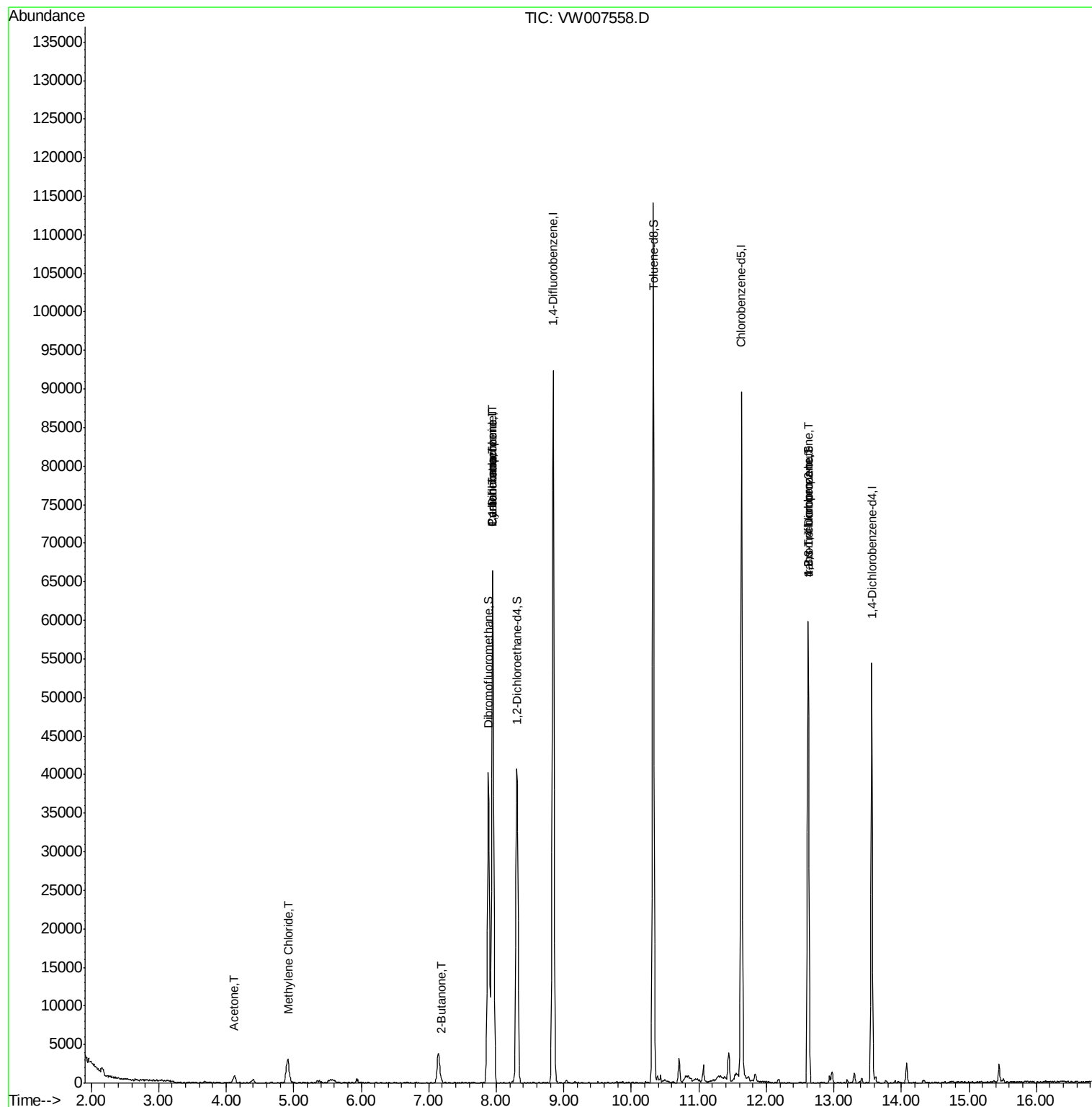
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1855	19.693	ug/l	97
20) Methylene Chloride	4.92	84	2732	1.504	ug/l	93
25) 2-Butanone	7.19	43	154	1.252	ug/l #	45
31) Cyclohexane	7.95	56	910	1.086	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	3746	5.317	ug/l #	47
38) Carbon Tetrachloride	7.95	117	5212	6.799	ug/l #	19
76) 1,2,3-Trichloropropane	12.61	75	9826	81.927	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.61	75	9826	180.978	ug/l #	7

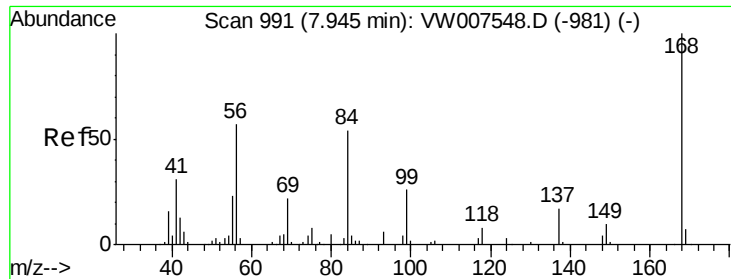
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Dec 15 03:35:28 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: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

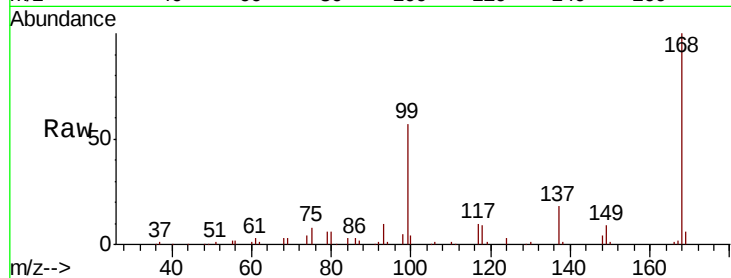
P001-SS018-0612-01

Tgt Ion:168 Resp: 48610

Ion Ratio Lower Upper

168 100

99 57.3 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

25000

20000

15000

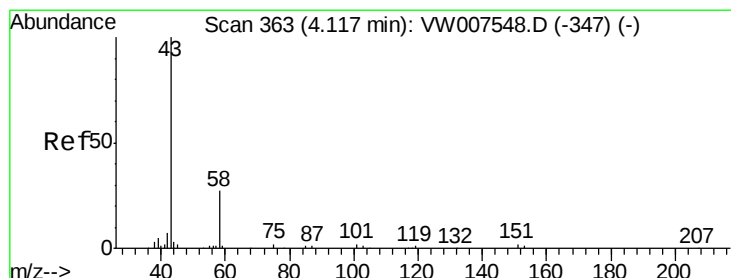
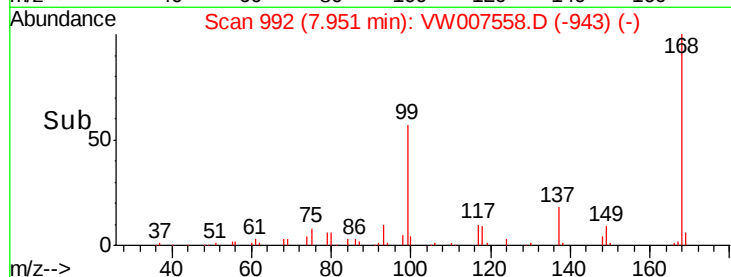
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 19.693 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007558.D

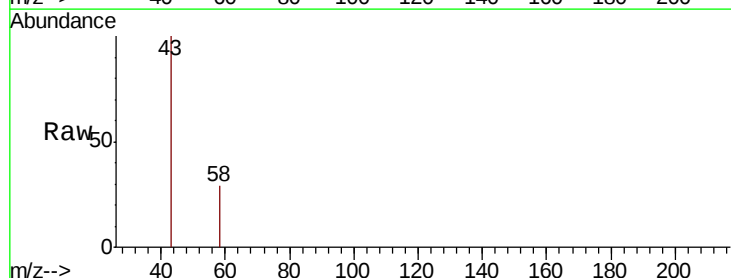
Acq: 15 Dec 2018 03:13

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 29.3 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

800

600

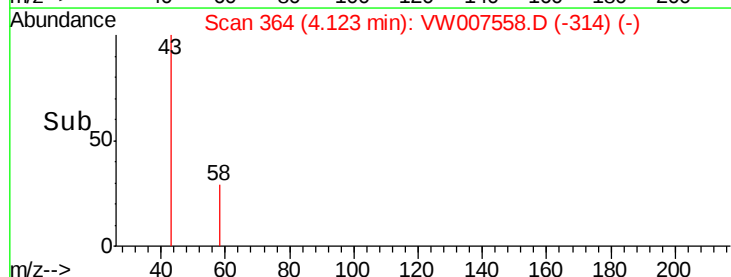
400

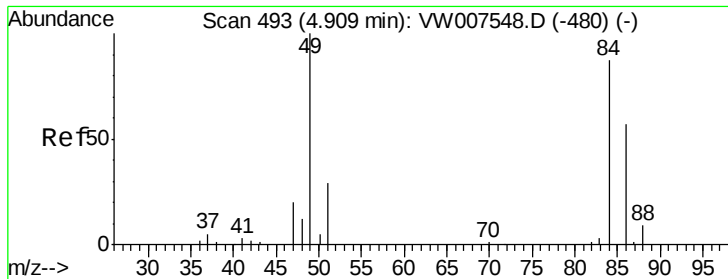
200

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 1.504 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

P001-SS018-0612-01

Tgt Ion: 84 Resp: 2732

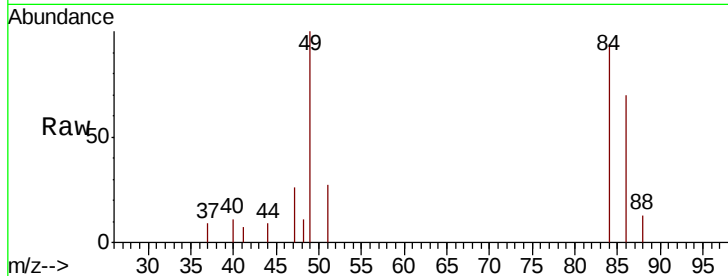
Ion Ratio Lower Upper

84 100

49 106.9 87.1 130.7

51 29.0 28.2 42.2

86 75.0 50.8 76.2

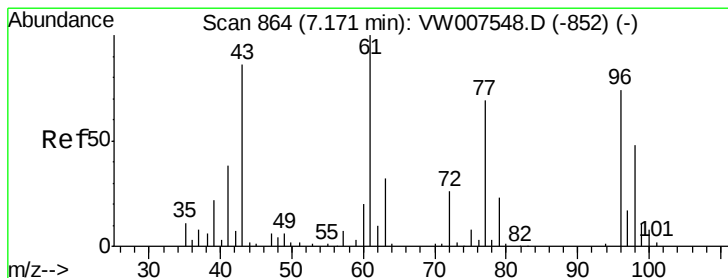
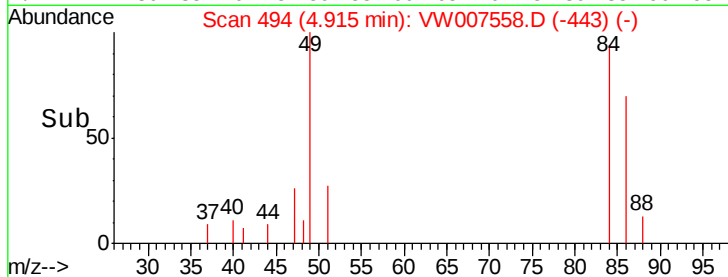
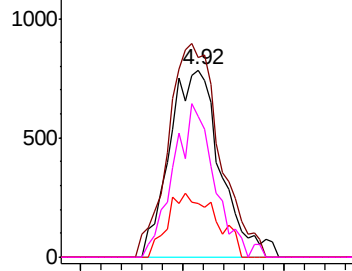


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.252 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW007558.D

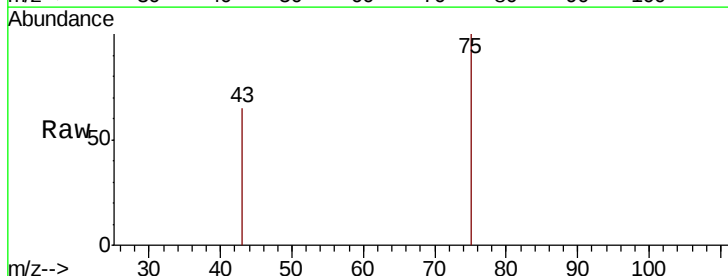
Acq: 15 Dec 2018 03:13

Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

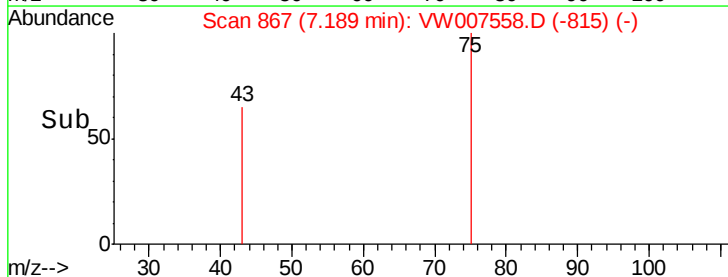
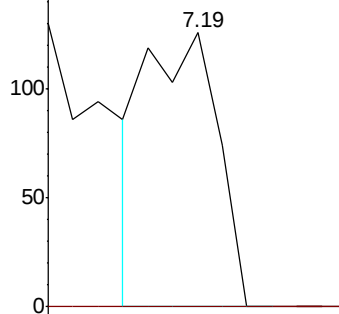
43 100

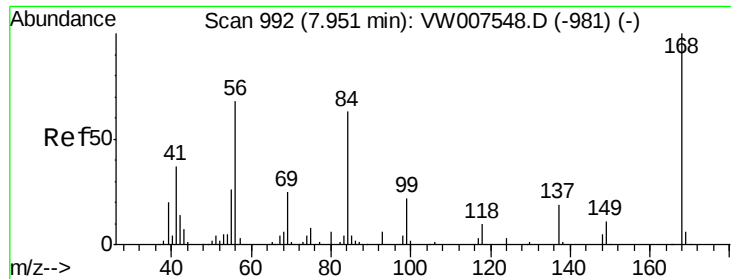
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

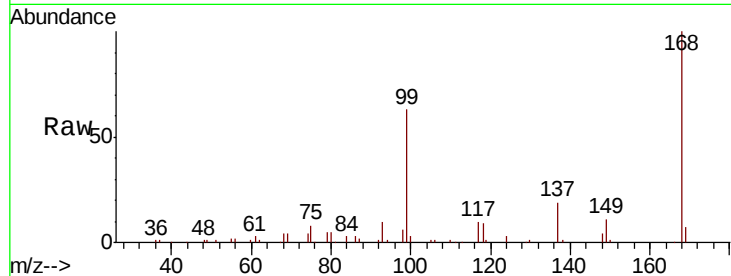




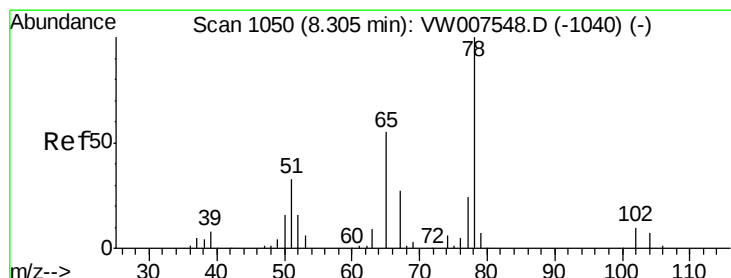
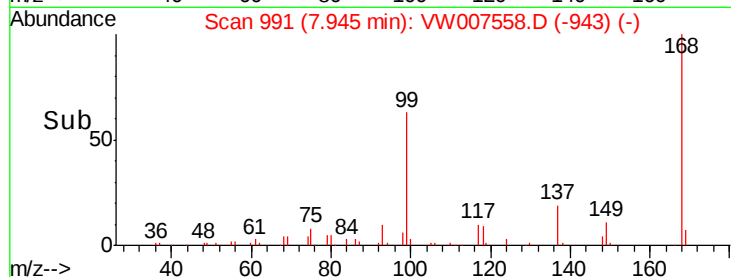
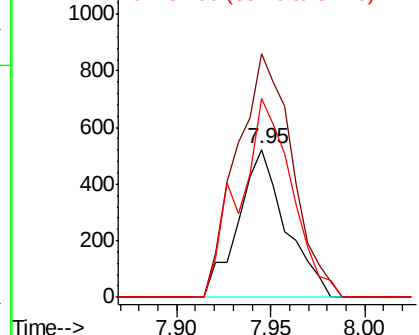
#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
P001-SS018-0612-01

Tgt Ion: 56 Resp: 910
Ion Ratio Lower Upper
56 100
69 164.4 28.9 43.3#
84 134.2 71.8 107.6#

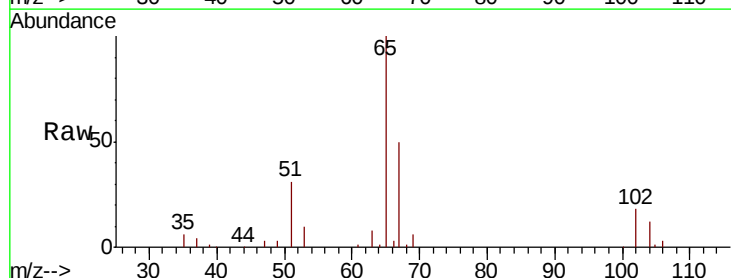


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

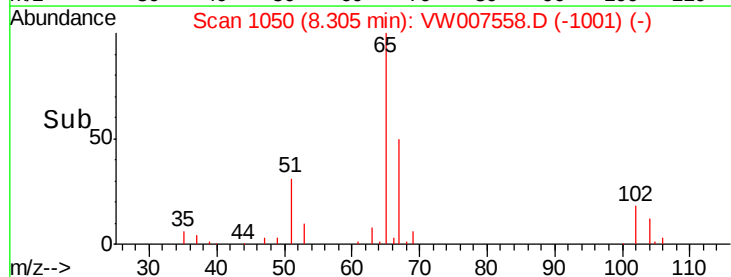
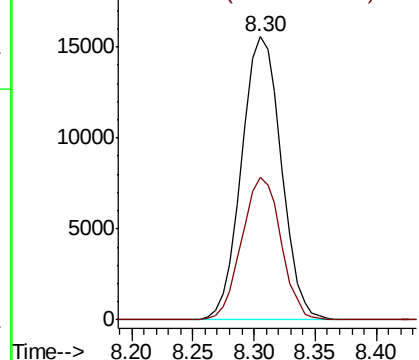


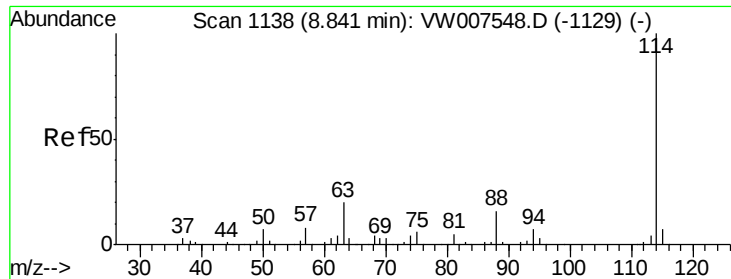
#33
1,2-Dichloroethane-d4
Concen: 65.164 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Tgt Ion: 65 Resp: 35142
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6



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

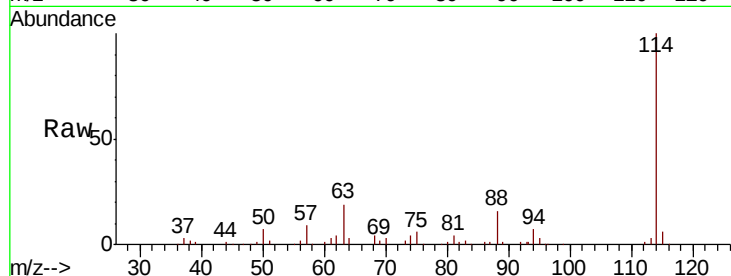




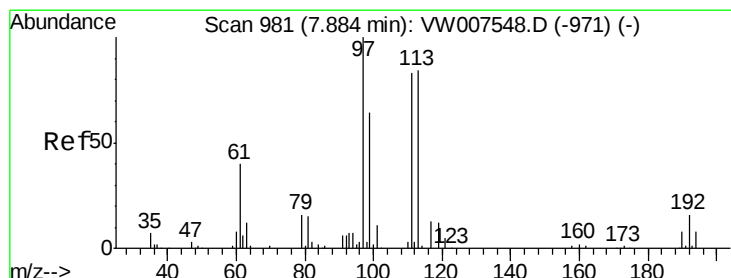
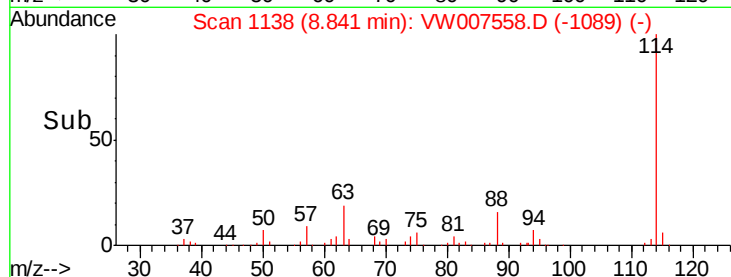
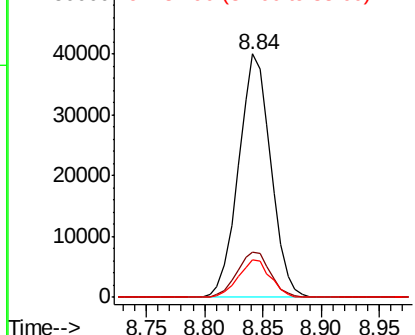
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS018-0612-01

Tgt Ion:114 Resp: 77228
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.6
 88 15.7 0.0 31.4

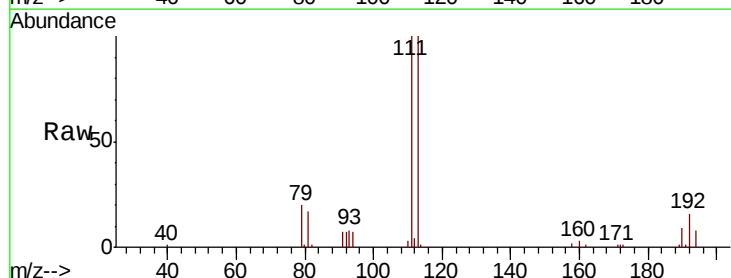


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

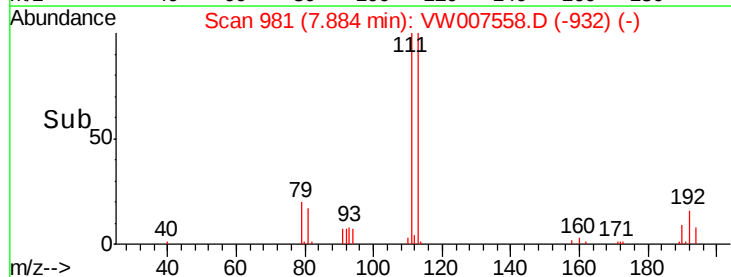
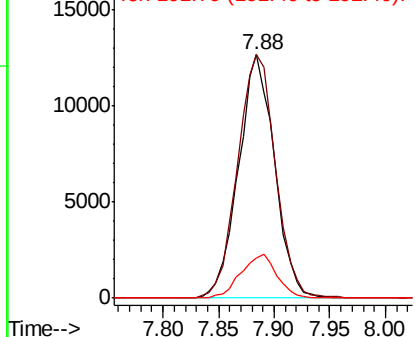


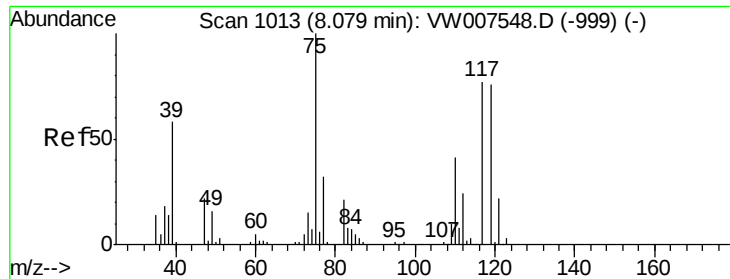
#35
 Dibromofluoromethane
 Concen: 60.816 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

Tgt Ion:113 Resp: 28431
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.1 121.7
 192 17.9 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: 5.317 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

P001-SS018-0612-01

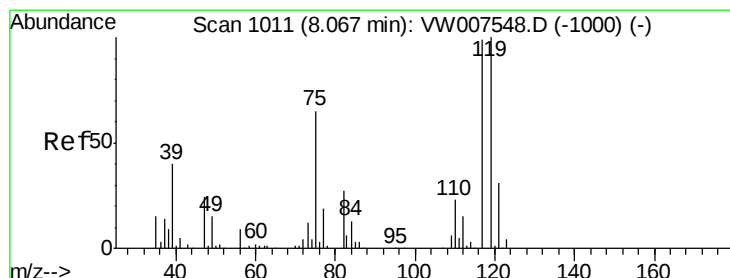
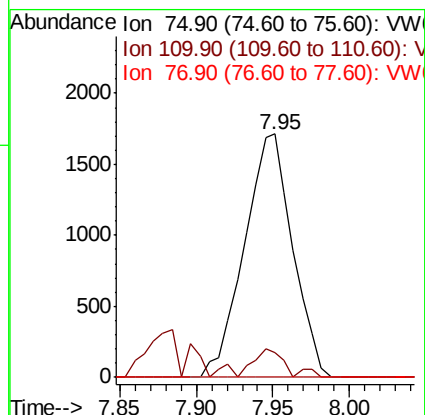
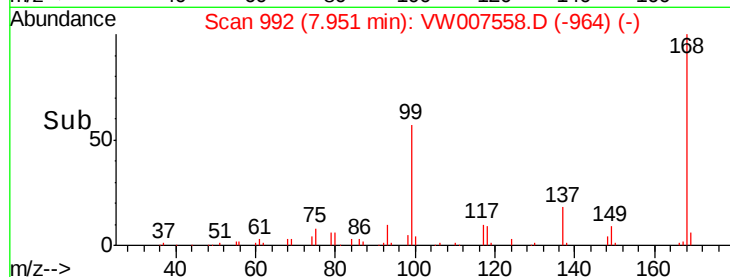
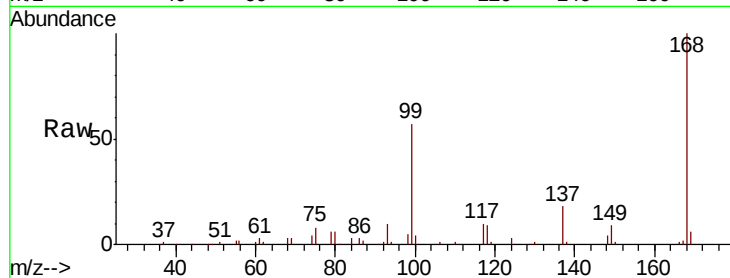
Tgt Ion: 75 Resp: 3746

Ion Ratio Lower Upper

75 100

110 7.9 18.5 55.5#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 6.799 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

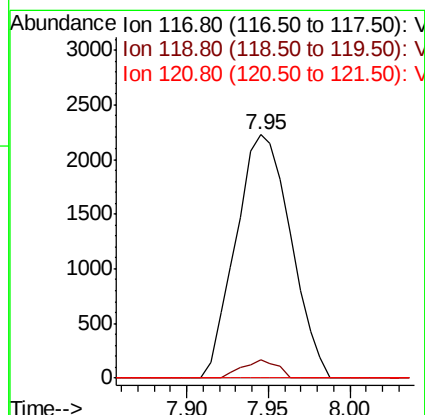
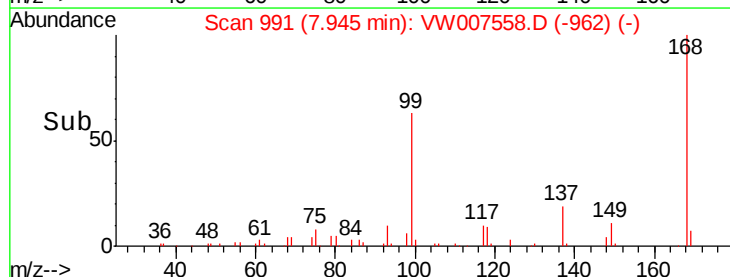
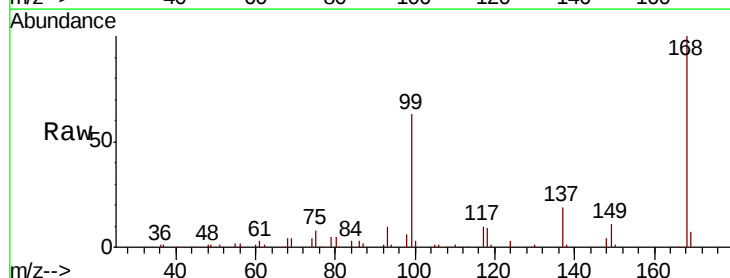
Tgt Ion: 117 Resp: 5212

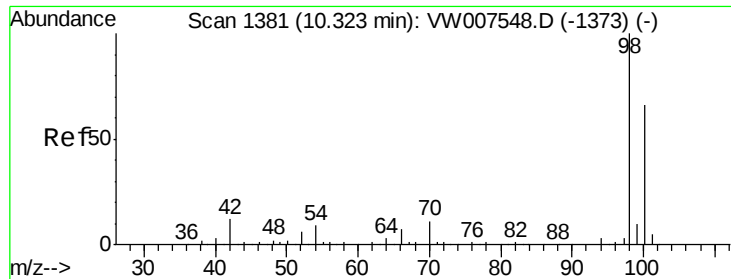
Ion Ratio Lower Upper

117 100

119 7.8 74.3 111.5#

121 0.0 24.3 36.5#

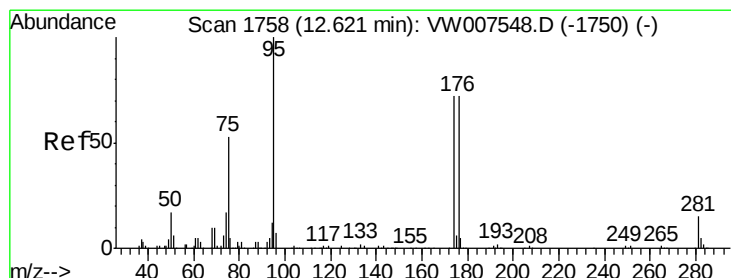
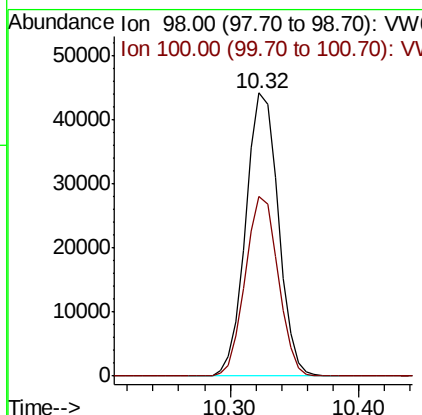
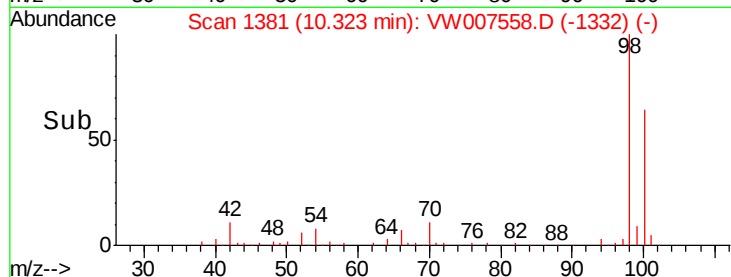
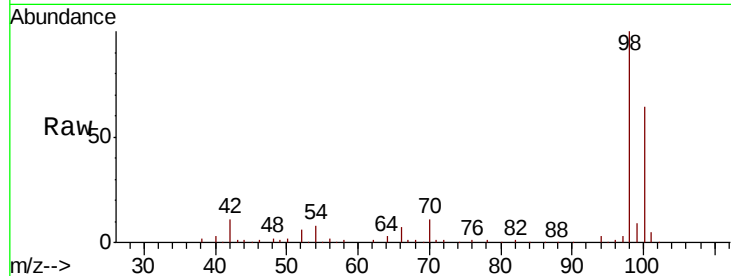




#50
Toluene-d8
Concen: 43.975 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

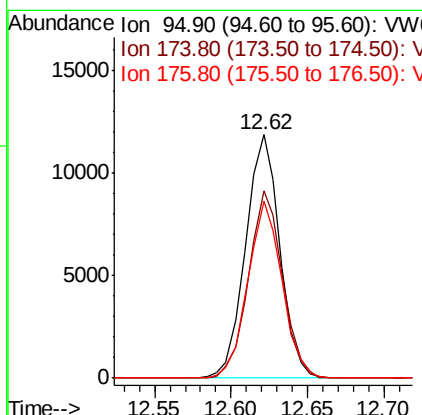
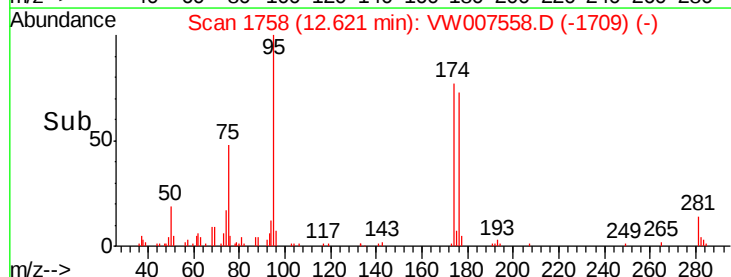
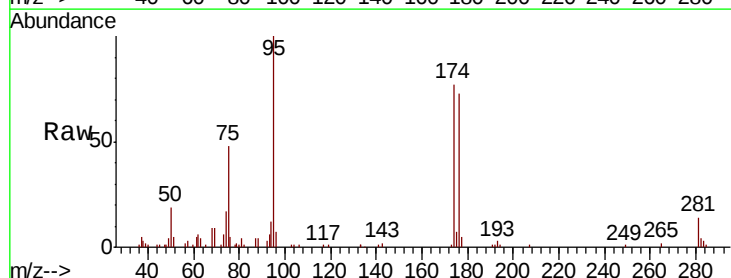
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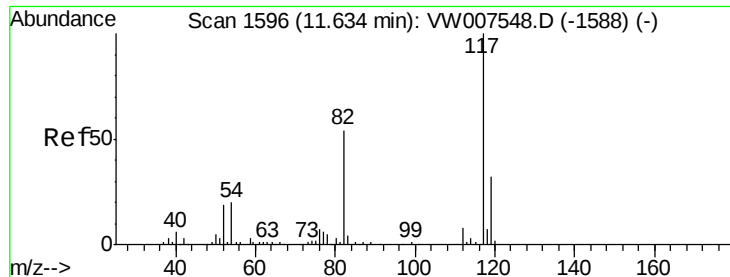
Tgt Ion: 98 Resp: 77081
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 28.526 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Tgt Ion: 95 Resp: 18384
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.2
176 72.6 0.0 138.8

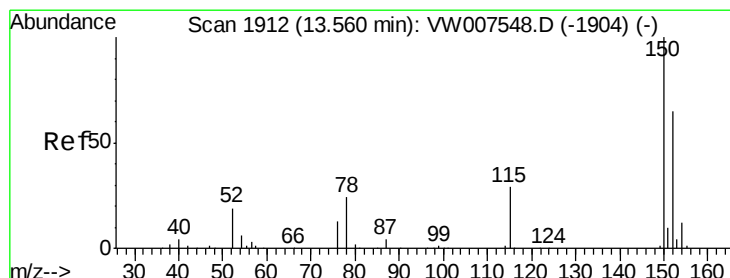
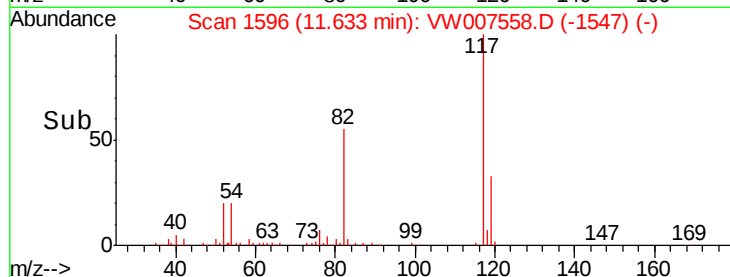
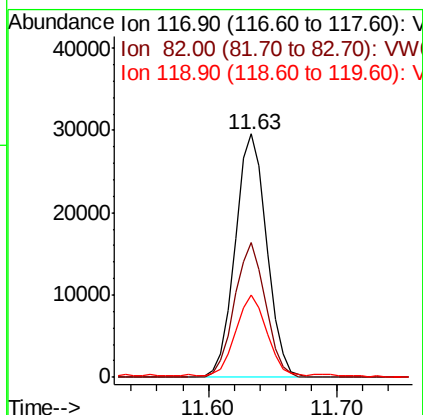
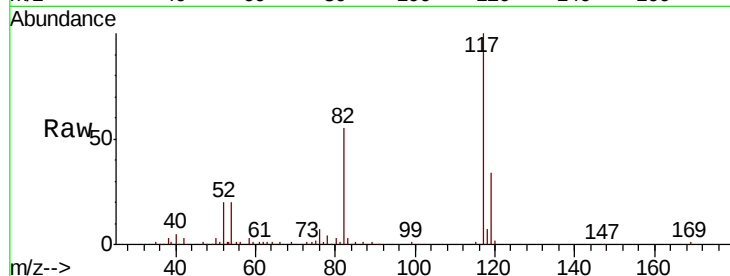




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

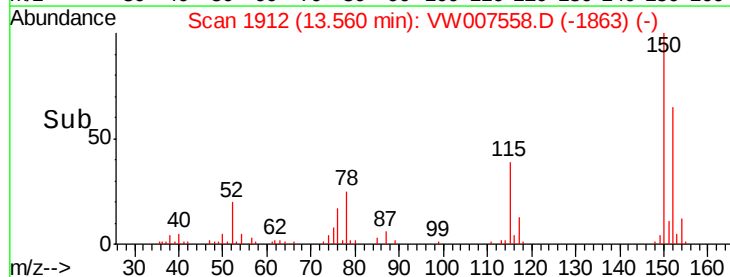
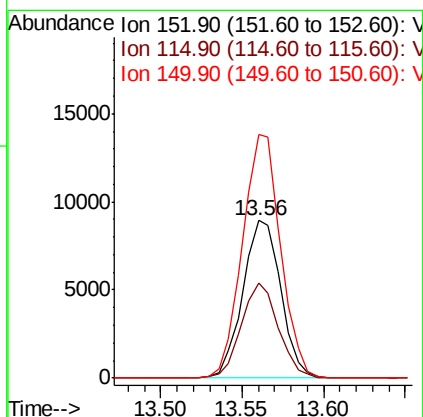
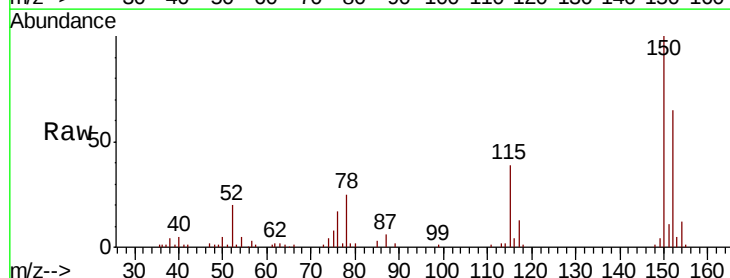
Instrument :
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P001-SS018-0612-01

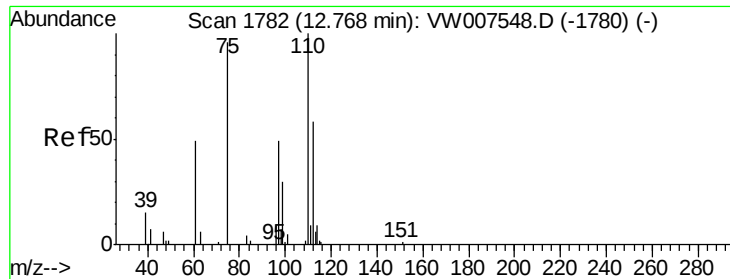
Tgt Ion:117 Resp: 49969
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 33.2 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Tgt Ion:152 Resp: 14546
Ion Ratio Lower Upper
152 100
115 58.6 31.4 94.2
150 155.0 0.0 358.4

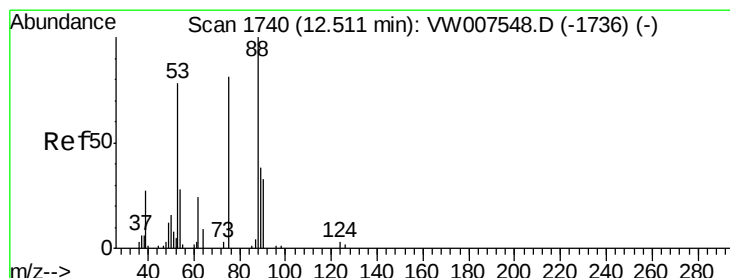
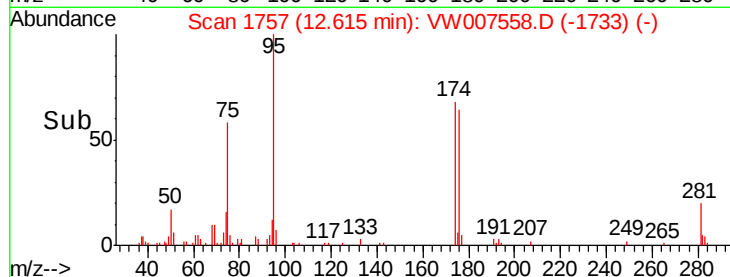
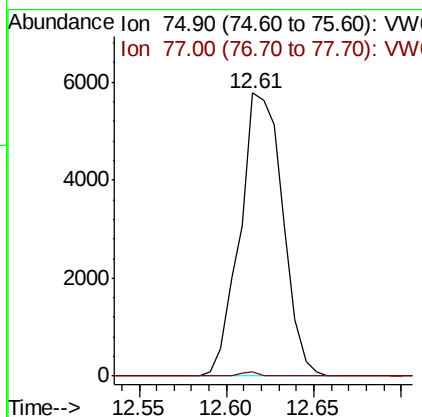
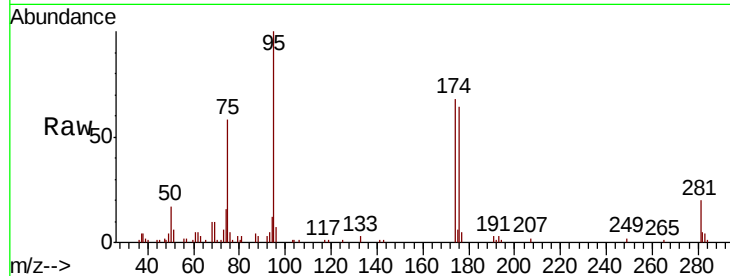




#76
 1,2,3-Trichloropropane
 Concen: 81.927 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS018-0612-01

Tgt Ion: 75 Resp: 9826
 Ion Ratio Lower Upper
 75 100
 77 0.6 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 180.978 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

Tgt Ion: 75 Resp: 9826
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

