

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007844.D
 Acq On : 22 Dec 2018 15:45
 Operator : SY/AP
 Sample : VW122418SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBL01

Quant Time: Dec 23 23:54:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42328	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	7.88	113	40453	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.32	98	166294	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	62206	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

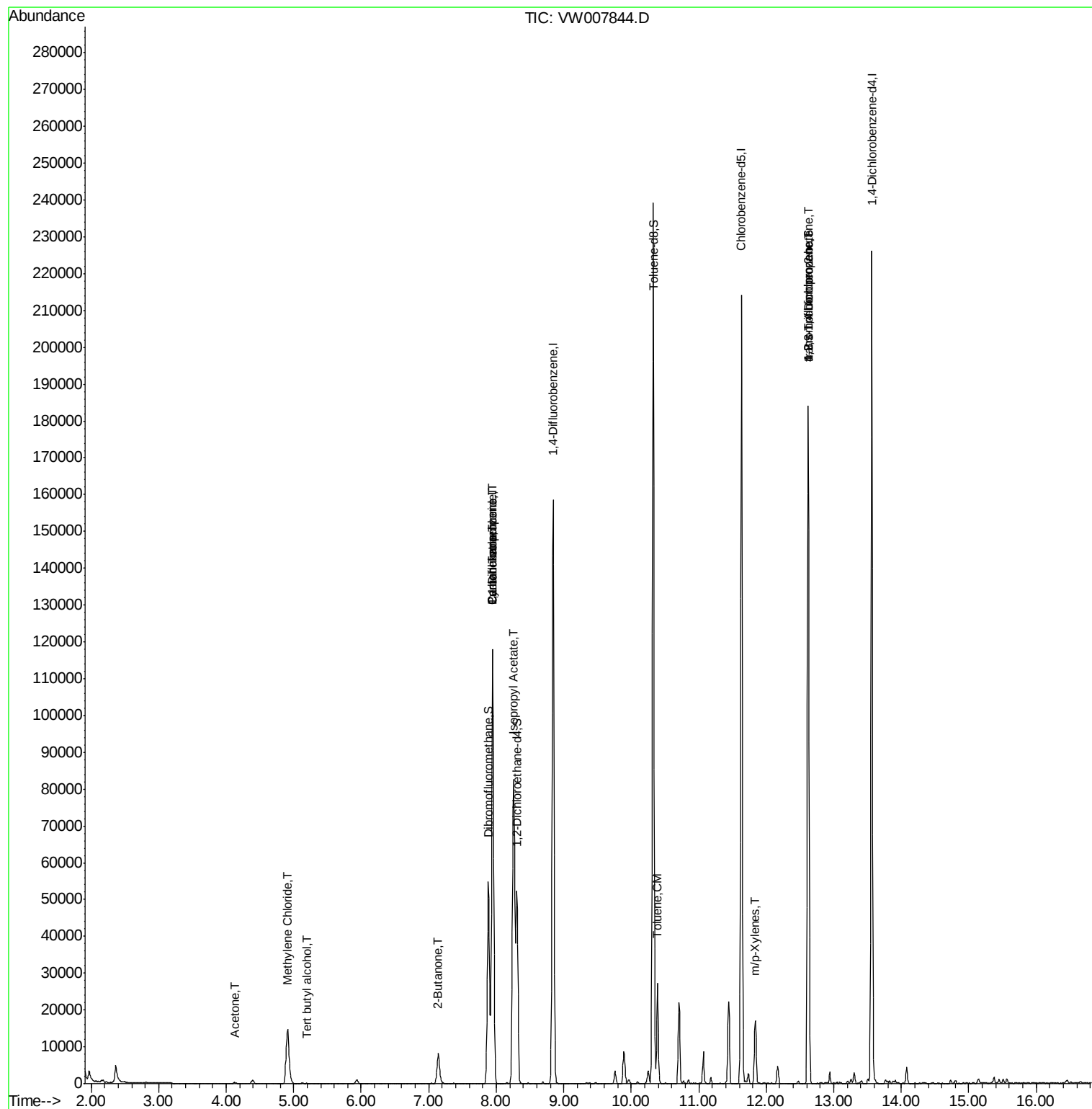
Target Compounds						Qvalue
11) Tert butyl alcohol	5.19	59	110	1.718	ug/l #	73
16) Acetone	4.12	43	854	4.804	ug/l	92
20) Methylene Chloride	4.91	84	12525	8.908	ug/l	97
25) 2-Butanone	7.14	43	261	1.254	ug/l #	44
31) Cyclohexane	7.95	56	1827	1.293	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6448	4.824	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8518	5.412	ug/l #	16
43) Isopropyl Acetate	8.25	43	1897	2.053	ug/l #	29
52) Toluene	10.39	92	12089	5.052	ug/l	99
68) m/p-Xylenes	11.83	106	5695	3.291	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	30994	67.479	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30994	141.643	ug/l #	9

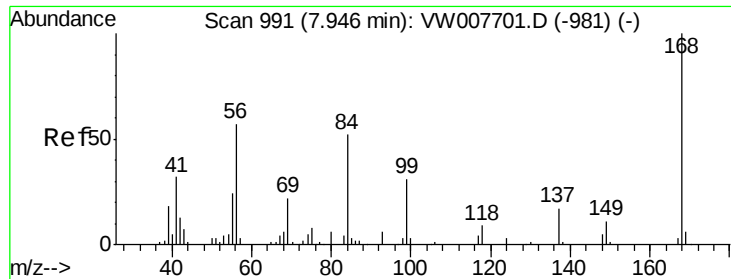
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007844.D
Acq On : 22 Dec 2018 15:45
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Sample : VW122418SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
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MSVOA_W
ClientSampleId :
VW1224SBL01

Quant Time: Dec 23 23:54:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

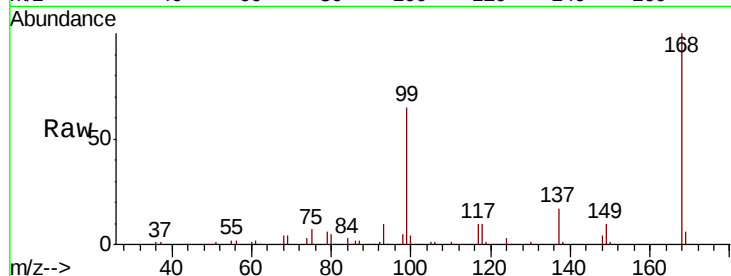
VW1224SBL01

Tgt Ion: 168 Resp: 86604

Ion Ratio Lower Upper

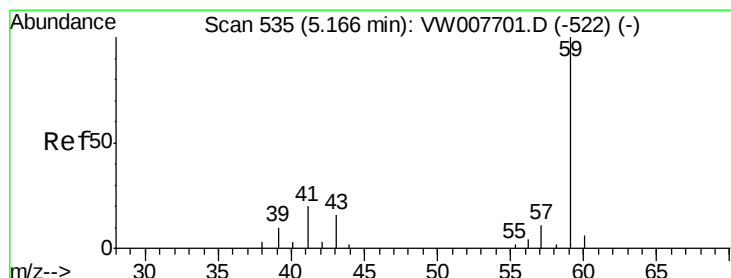
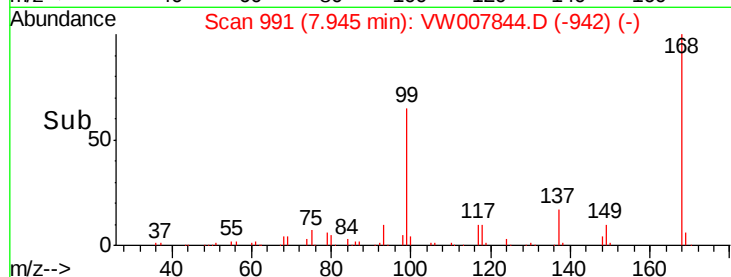
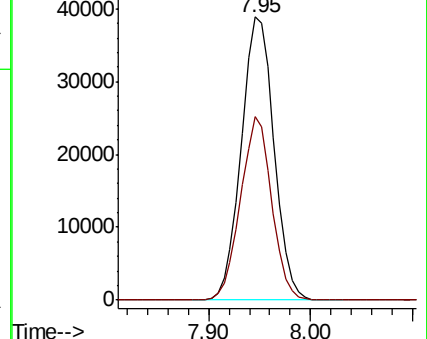
168 100

99 65.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.718 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW007844.D

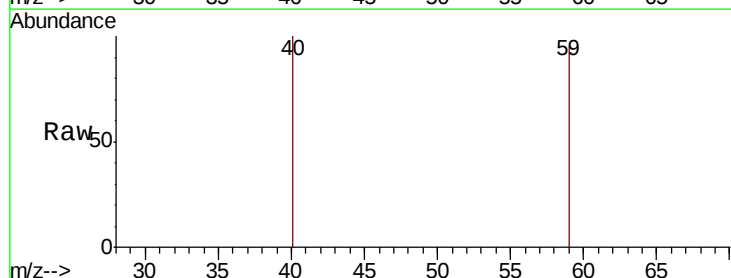
Acq: 22 Dec 2018 15:45

Tgt Ion: 59 Resp: 110

Ion Ratio Lower Upper

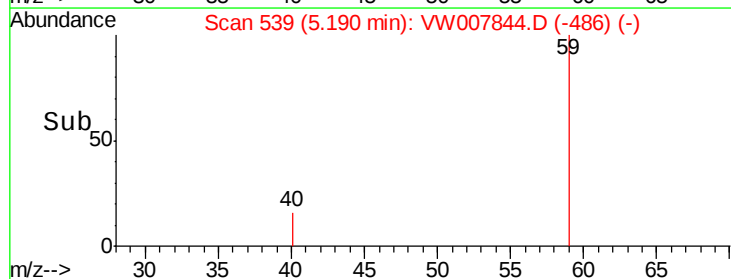
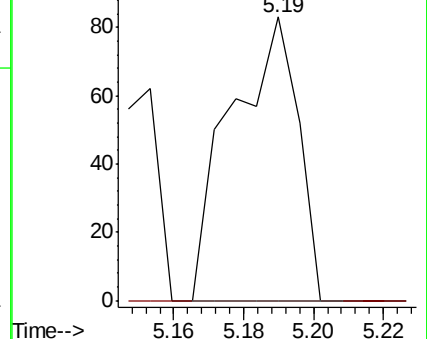
59 100

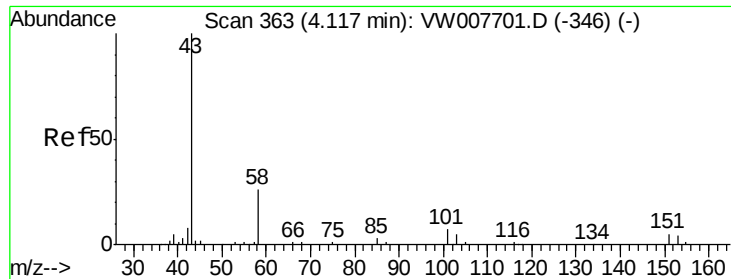
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.804 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

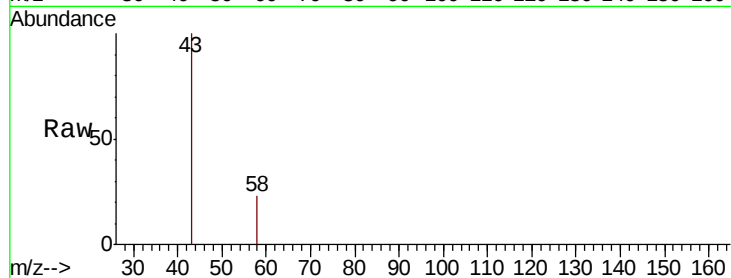
VW1224SBL01

Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

43 100

58 22.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

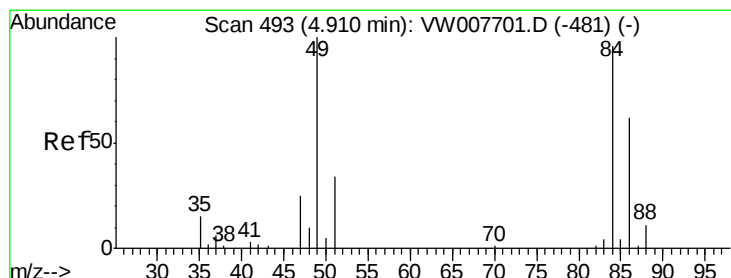
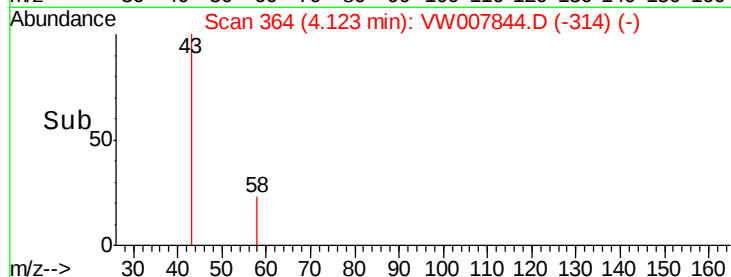
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 8.908 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Tgt Ion: 84 Resp: 12525

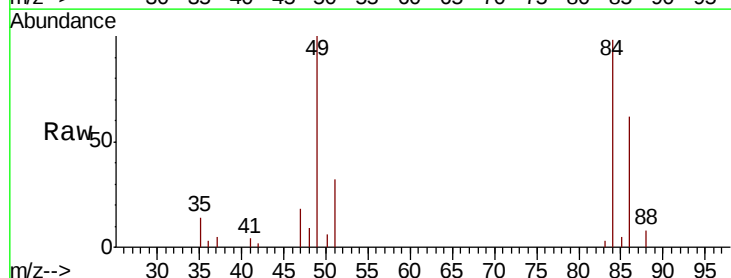
Ion Ratio Lower Upper

84 100

49 101.8 83.7 125.5

51 32.5 28.2 42.2

86 62.9 52.2 78.2



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

4.91

6000

5000

4000

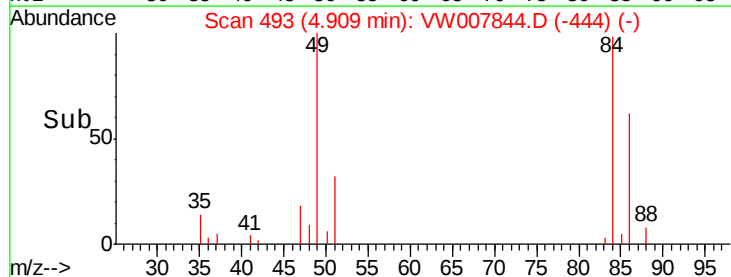
3000

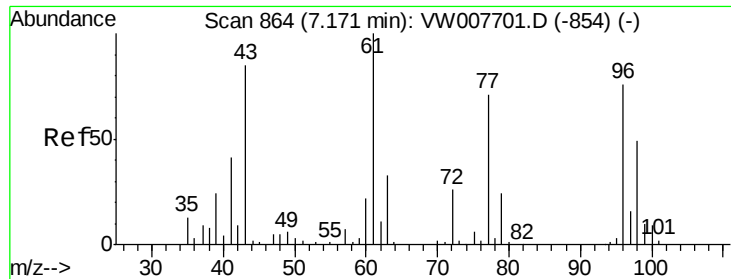
2000

1000

0

Time-->

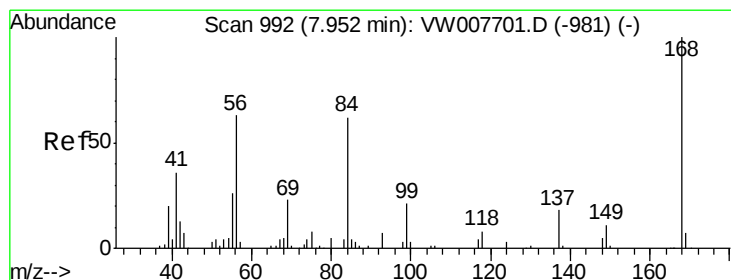
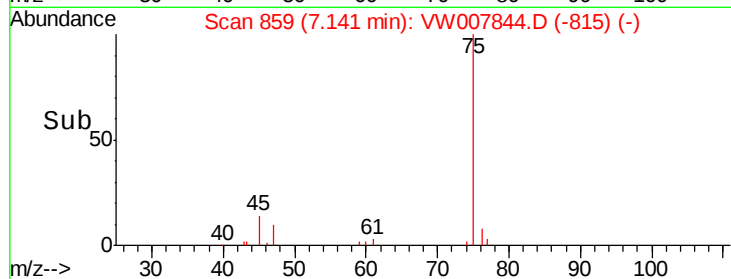
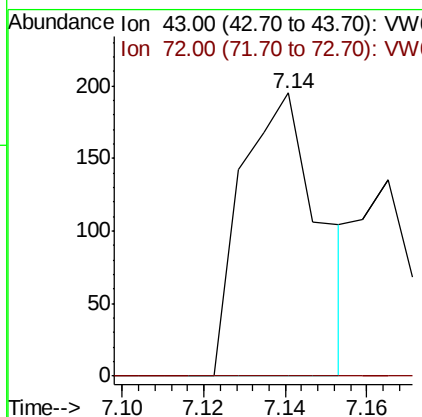
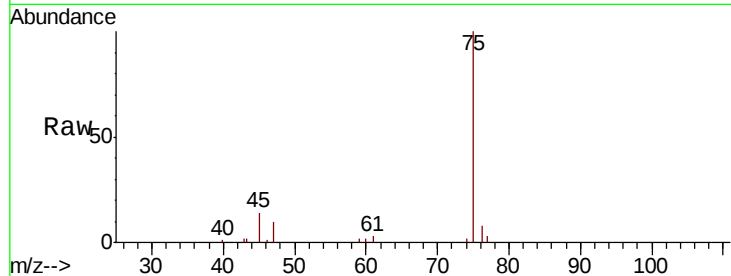




#25
2-Butanone
Concen: 1.254 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007844.D
Acq: 22 Dec 2018 15:45

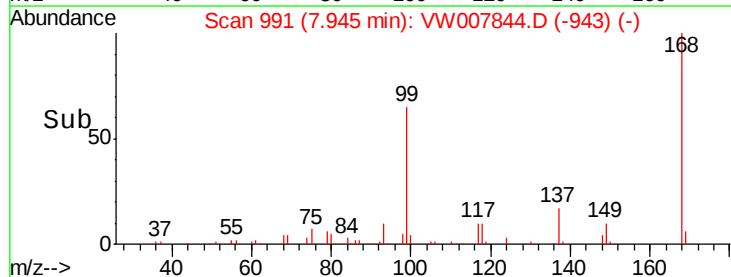
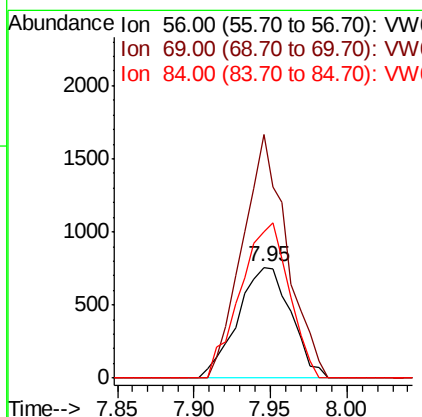
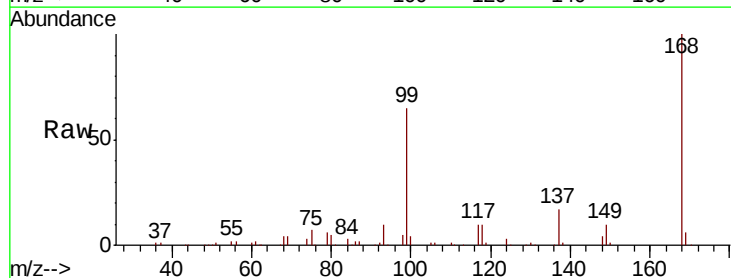
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBL01

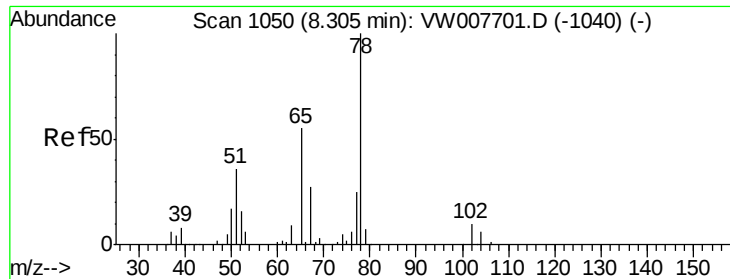
Tgt Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007844.D
Acq: 22 Dec 2018 15:45

Tgt Ion: 56 Resp: 1827
Ion Ratio Lower Upper
56 100
69 219.9 29.7 44.5#
84 132.0 78.9 118.3#

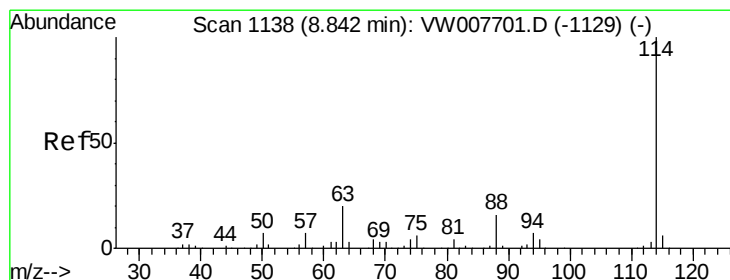
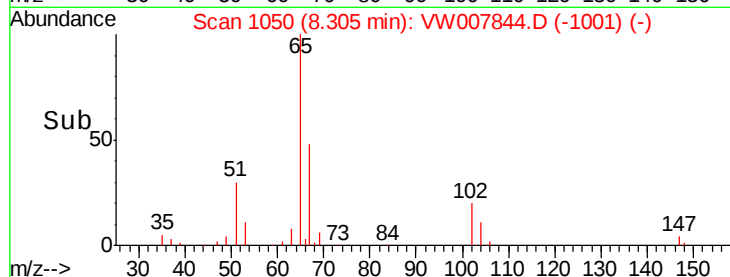
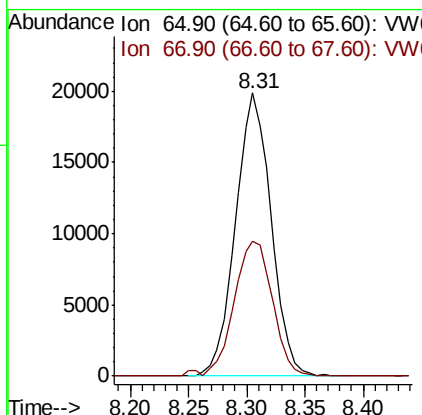
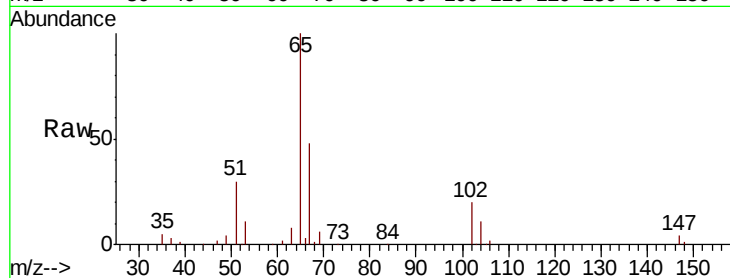




#33
 1,2-Dichloroethane-d4
 Concen: 44.593 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007844.D
 Acq: 22 Dec 2018 15:45

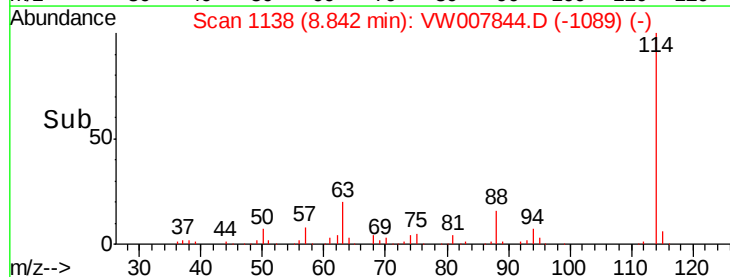
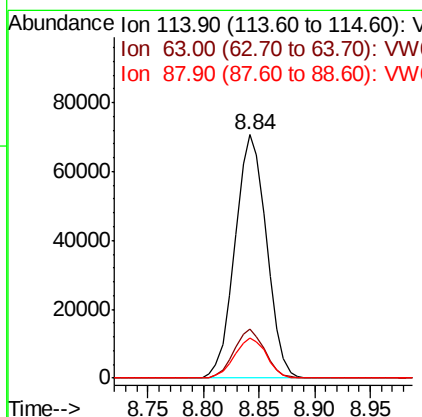
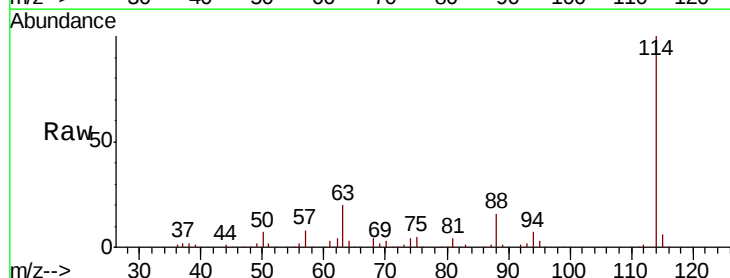
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBL01

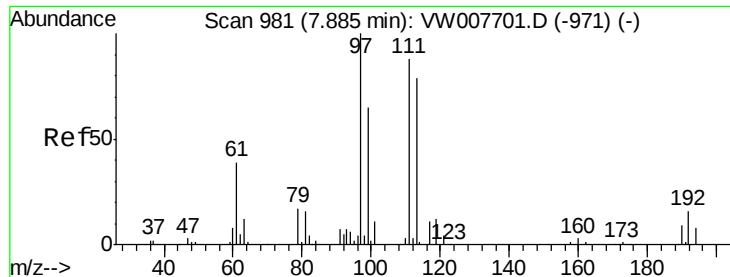
Tgt Ion: 65 Resp: 42328
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007844.D
 Acq: 22 Dec 2018 15:45

Tgt Ion: 114 Resp: 138476
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.886 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL01

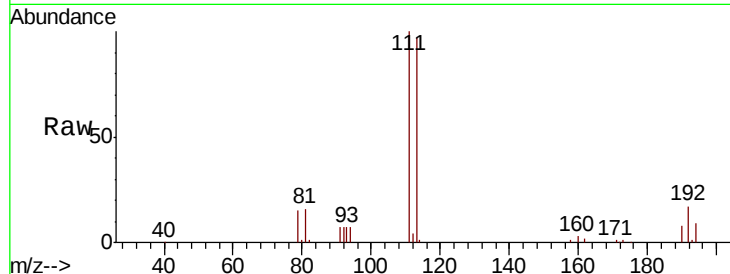
Tgt Ion:113 Resp: 40453

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

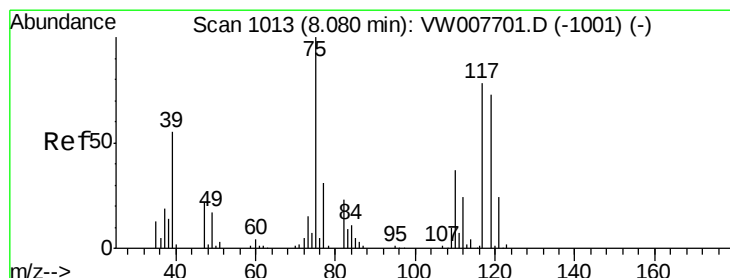
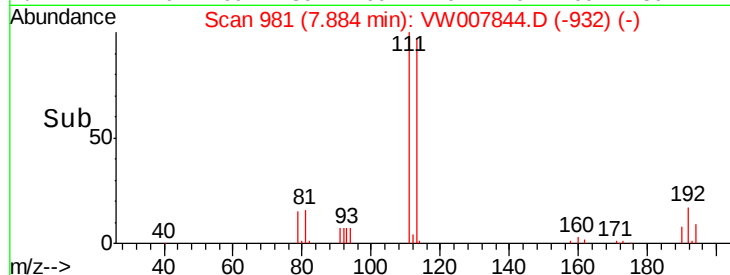
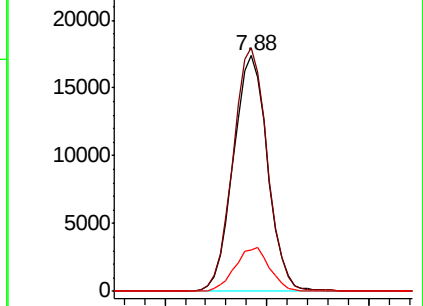
192 18.8 15.5 23.3



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: 4.824 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

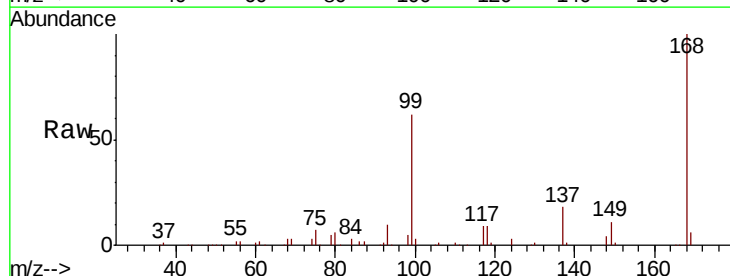
Tgt Ion: 75 Resp: 6448

Ion Ratio Lower Upper

75 100

110 10.6 18.6 55.8#

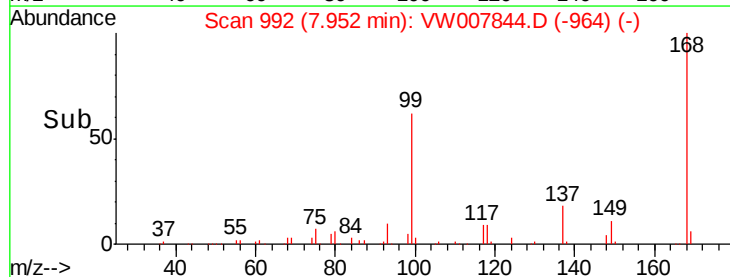
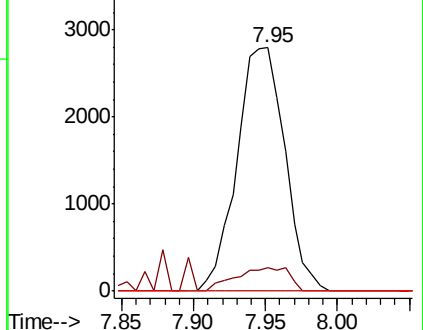
77 0.0 25.0 37.4#

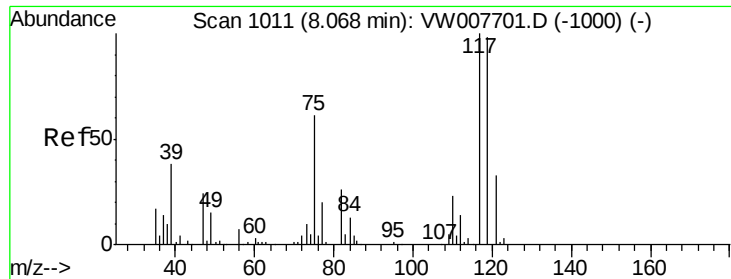


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.412 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL01

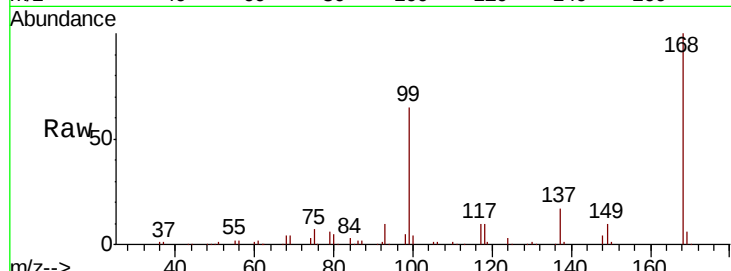
Tgt Ion:117 Resp: 8518

Ion Ratio Lower Upper

117 100

119 6.3 78.2 117.2#

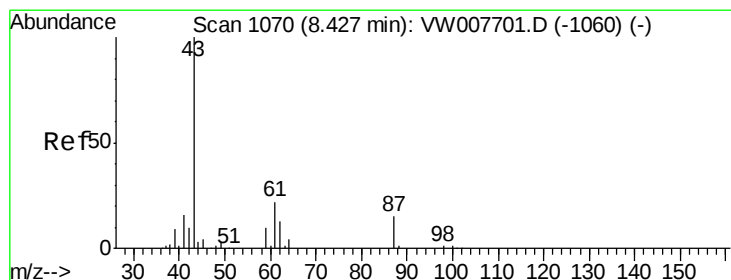
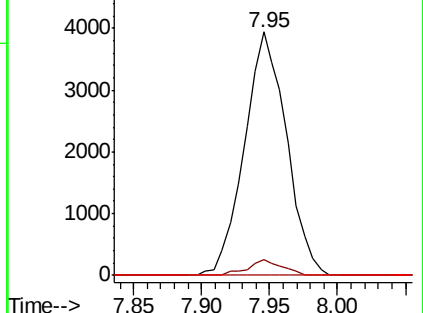
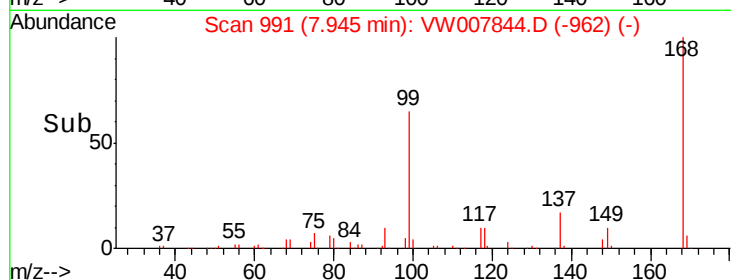
121 0.0 26.1 39.1#



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



#43

Isopropyl Acetate

Concen: 2.053 ug/l

RT: 8.25 min Scan# 1041

Delta R.T. -0.18 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

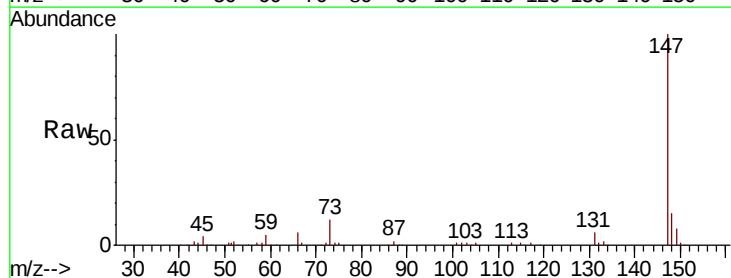
Tgt Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

61 17.8 26.3 39.5#

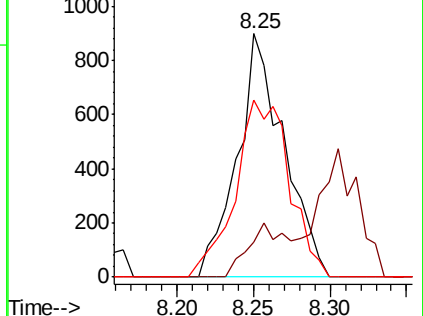
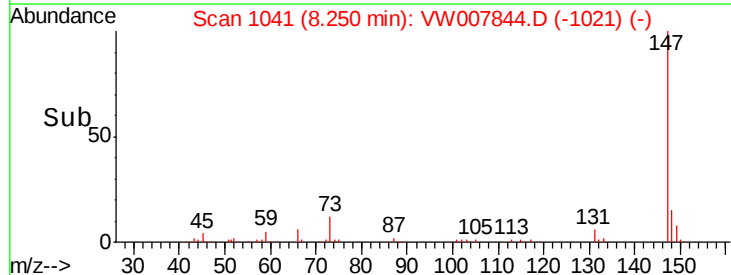
87 84.6 12.0 18.0#

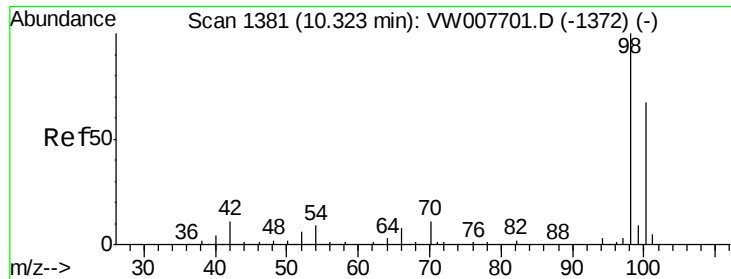


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 52.217 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampled :

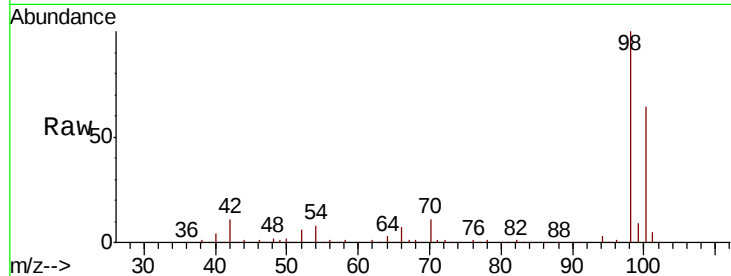
VW1224SBL01

Tgt Ion: 98 Resp: 166294

Ion Ratio Lower Upper

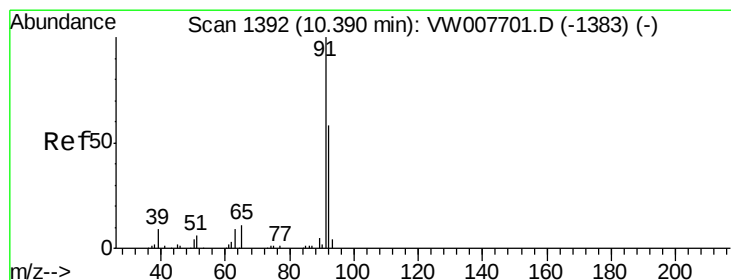
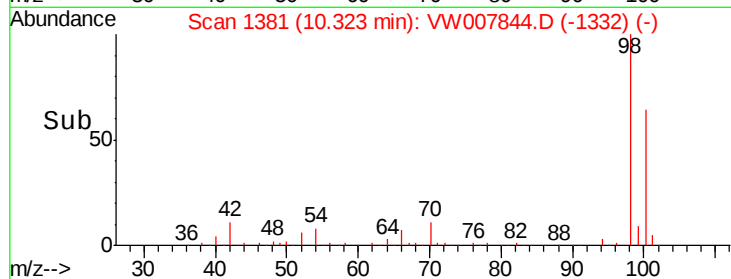
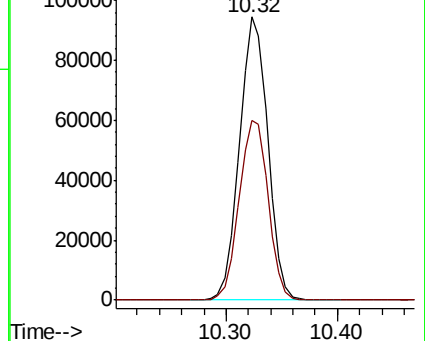
98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 5.052 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007844.D

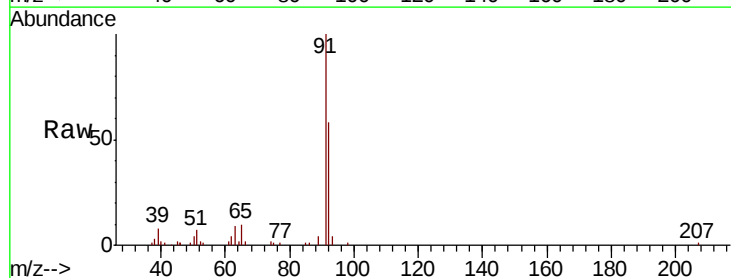
Acq: 22 Dec 2018 15:45

Tgt Ion: 92 Resp: 12089

Ion Ratio Lower Upper

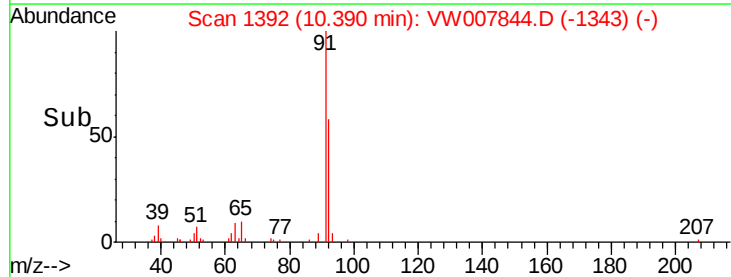
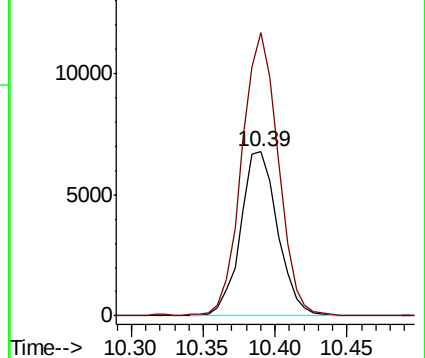
92 100

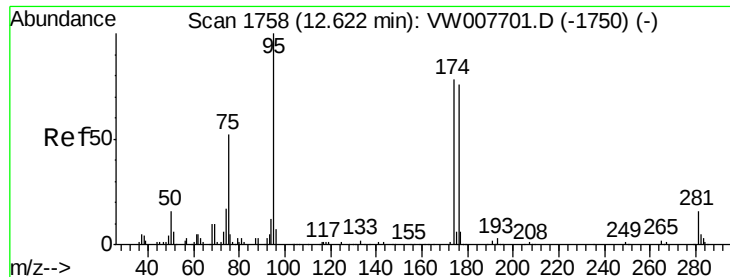
91 169.8 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 50.561 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBL01

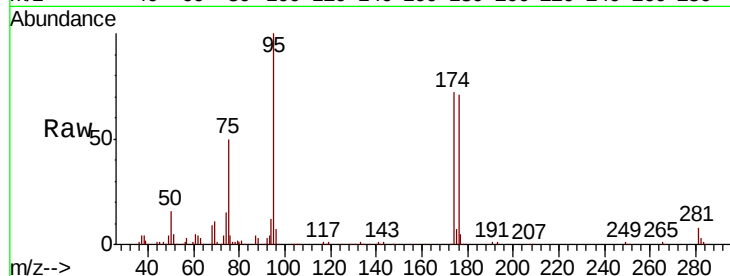
Tgt Ion: 95 Resp: 62206

Ion Ratio Lower Upper

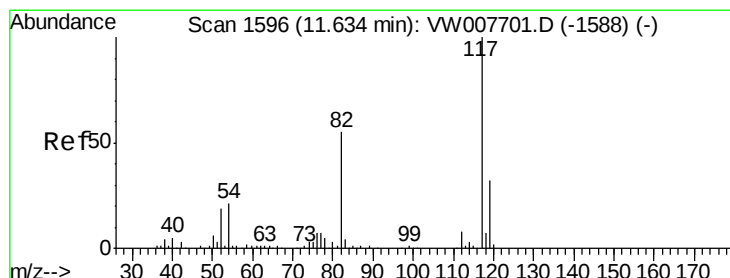
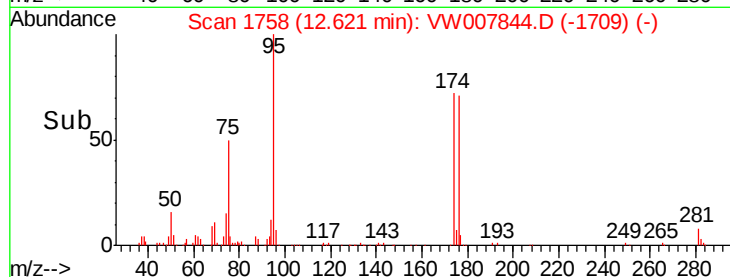
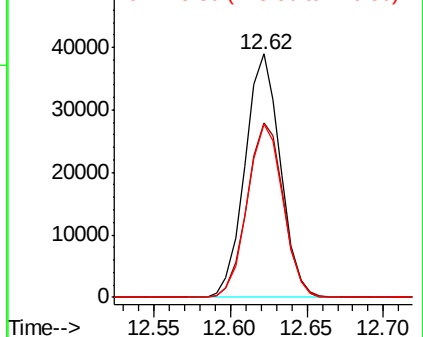
95 100

174 73.8 0.0 152.2

176 72.3 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007844.D

Acq: 22 Dec 2018 15:45

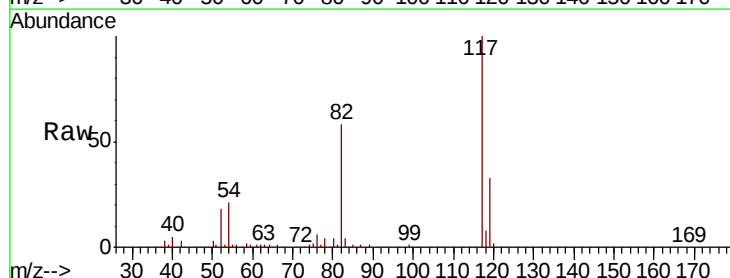
Tgt Ion: 117 Resp: 120118

Ion Ratio Lower Upper

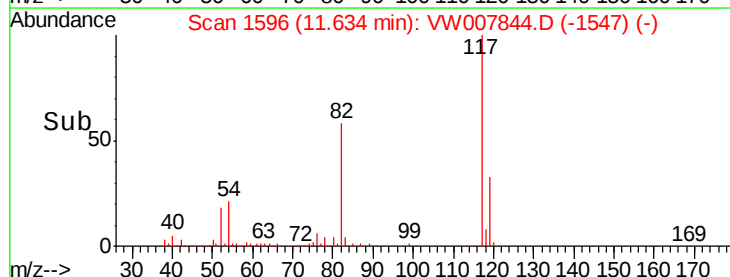
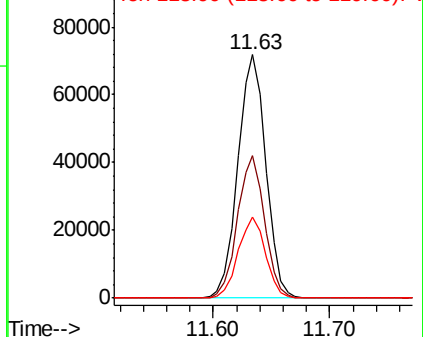
117 100

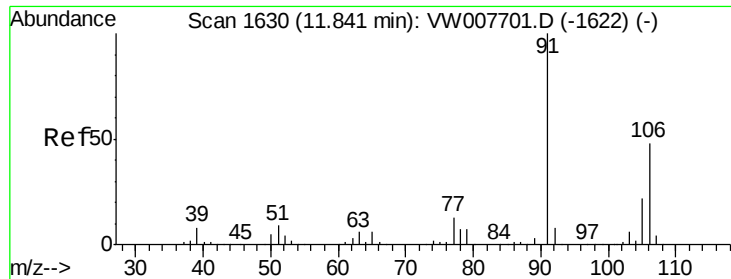
82 58.4 44.3 66.5

119 33.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

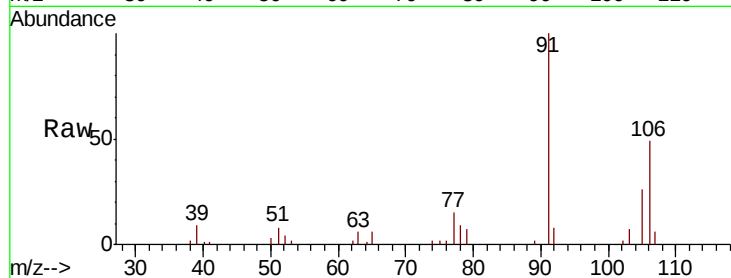




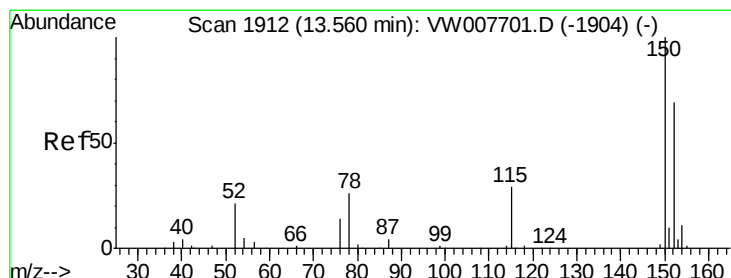
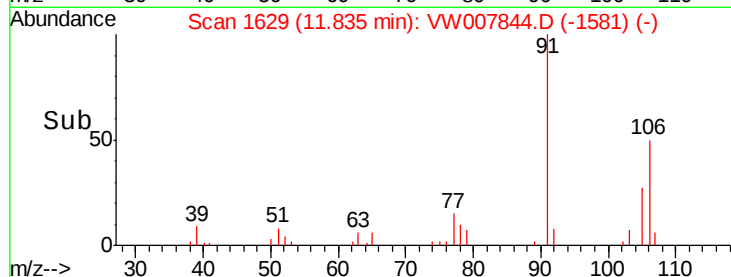
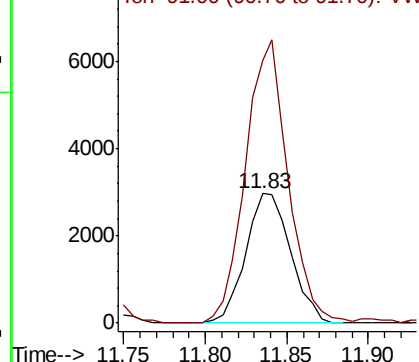
#68
m/p-Xylenes
Concen: 3.291 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007844.D
Acq: 22 Dec 2018 15:45

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBL01

Tgt Ion:106 Resp: 5695
Ion Ratio Lower Upper
106 100
91 206.7 165.2 247.8

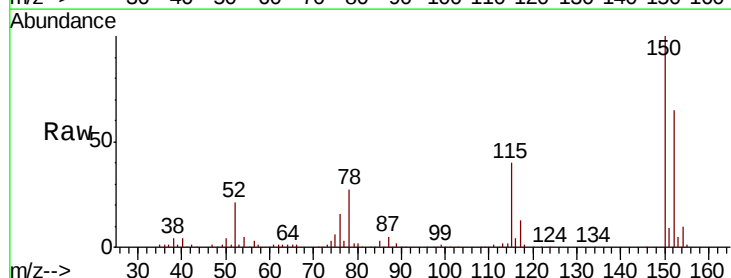


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

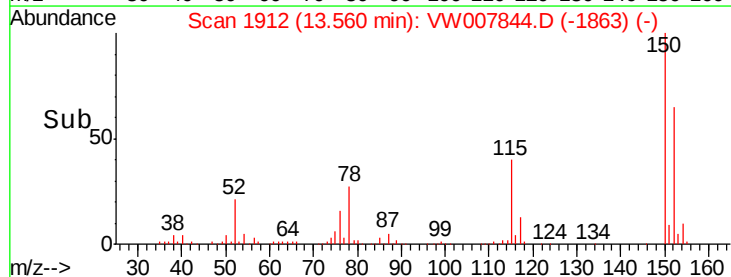
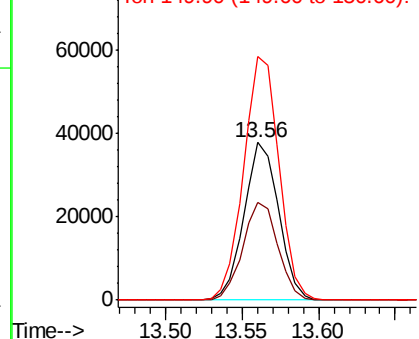


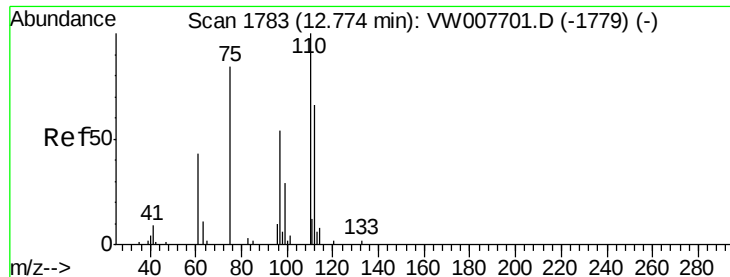
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007844.D
Acq: 22 Dec 2018 15:45

Tgt Ion:152 Resp: 59427
Ion Ratio Lower Upper
152 100
115 63.0 31.8 95.4
150 157.3 0.0 350.8



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

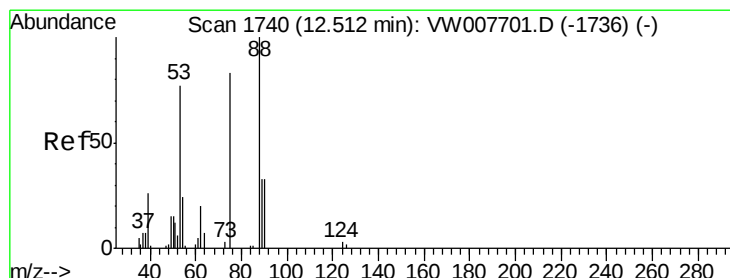
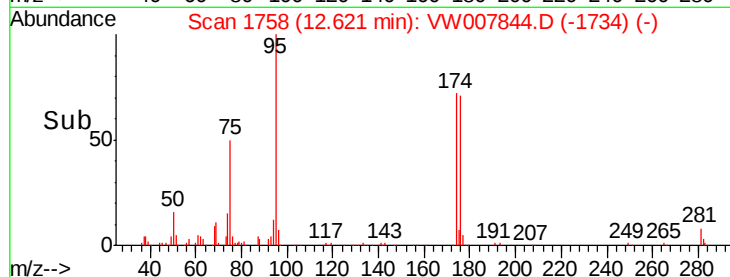
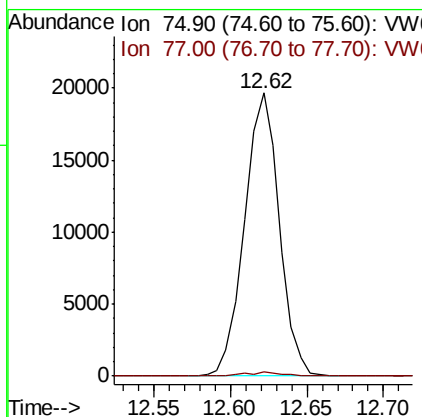
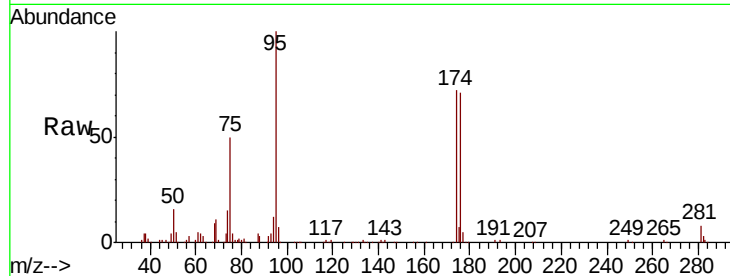




#76
 1,2,3-Trichloropropane
 Concen: 67.479 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007844.D
 Acq: 22 Dec 2018 15:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBL01

Tgt Ion: 75 Resp: 30994
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.643 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007844.D
 Acq: 22 Dec 2018 15:45

Tgt Ion: 75 Resp: 30994
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.2 58.8#

