

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007481.D
 Acq On : 13 Dec 2018 12:09
 Operator : SY/AP
 Sample : J6357-01
 Misc : 3.87G/5ML/MSVOA W/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01A

Quant Time: Dec 13 15:22:00 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	34918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	63898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	24868	64.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.38%	
35) Dibromofluoromethane	7.88	113	21570	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	62339	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	
62) 4-Bromofluorobenzene	12.62	95	24836	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	

Target Compounds

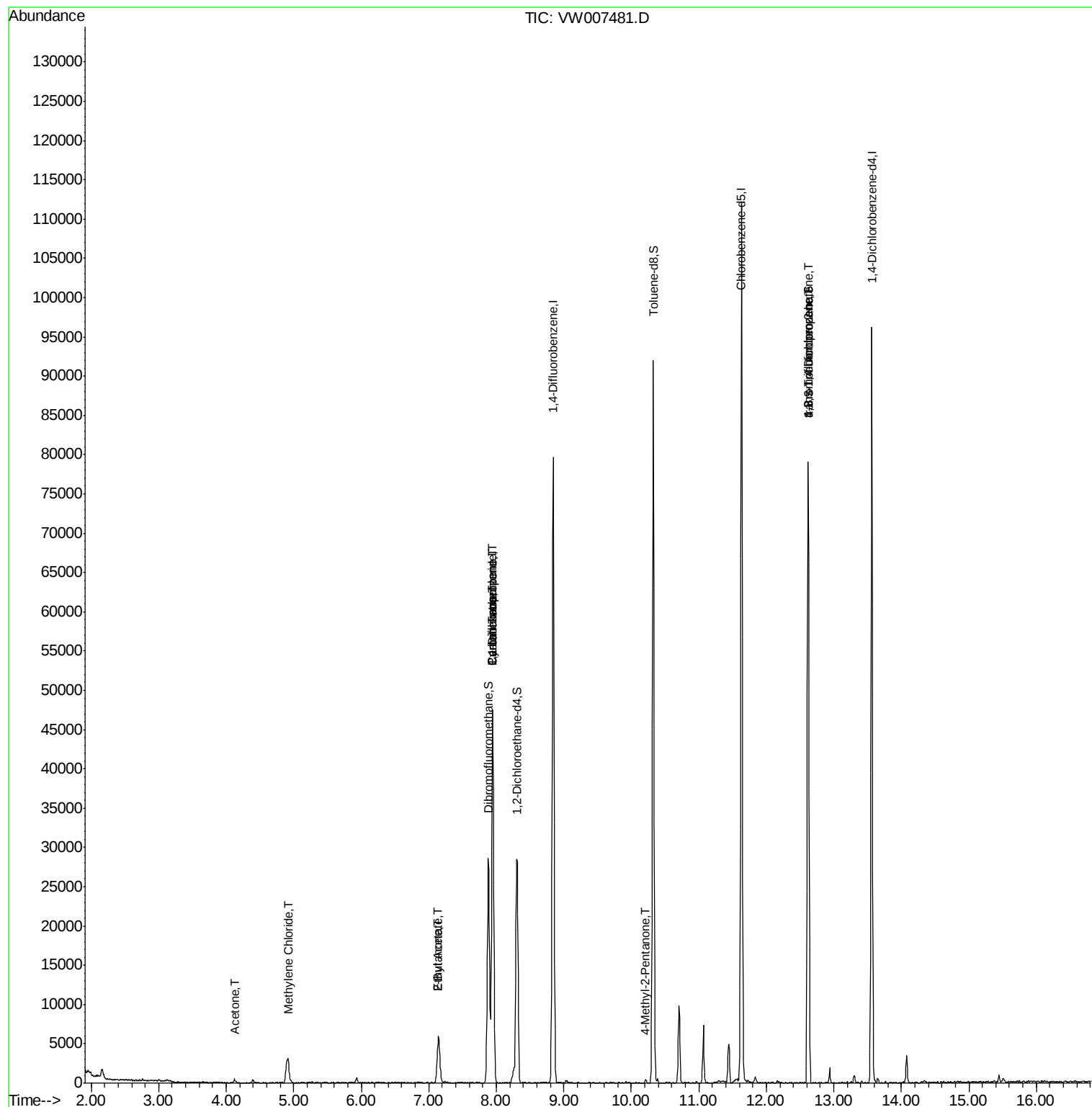
						Qvalue
16) Acetone	4.12	43	658	9.724	ug/l #	81
20) Methylene Chloride	4.92	84	2655	3.534	ug/l	97
25) 2-Butanone	7.14	43	297	3.362	ug/l #	45
31) Cyclohexane	7.95	56	728	1.210	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	2637	4.291	ug/l #	48
37) Ethyl Acetate	7.14	43	297	1.299	ug/l #	38
38) Carbon Tetrachloride	7.95	117	3715	5.556	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	373	1.749	ug/l #	79
76) 1,2,3-Trichloropropane	12.62	75	12063	58.697	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	12063	129.662	ug/l #	7

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

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SB-01A

Quant Time: Dec 13 15:22:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
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: VW007481.D

Acq: 13 Dec 2018 12:09

Instrument :

MSVOA_W

ClientSampled :

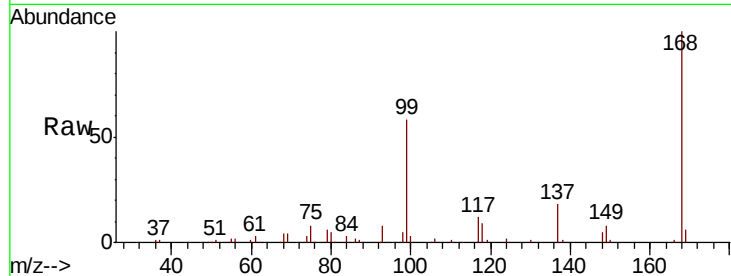
SB-01A

Tot Ion:168 Resp: 34918

Ion Ratio Lower Upper

168 100

99 57.5 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

15000

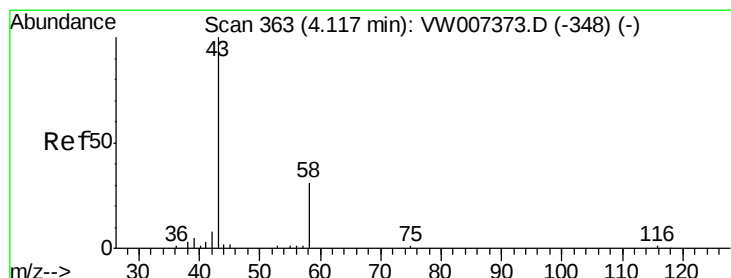
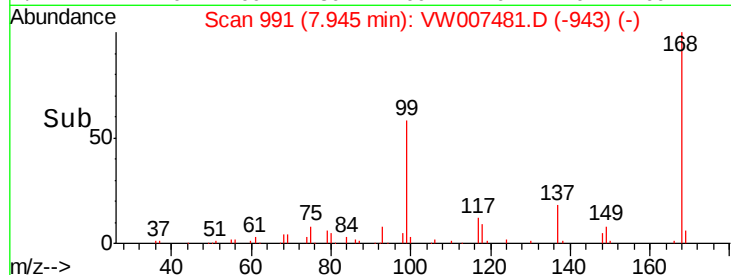
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 9.724 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007481.D

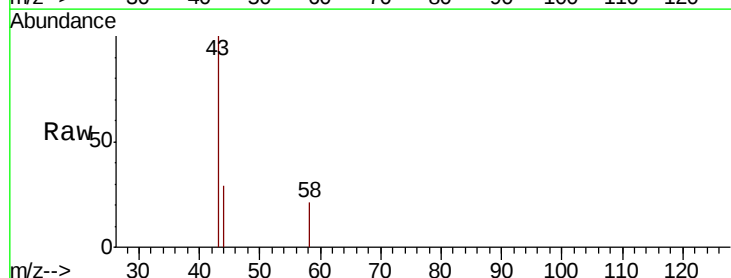
Acq: 13 Dec 2018 12:09

Tgt Ion: 43 Resp: 658

Ion Ratio Lower Upper

43 100

58 20.8 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

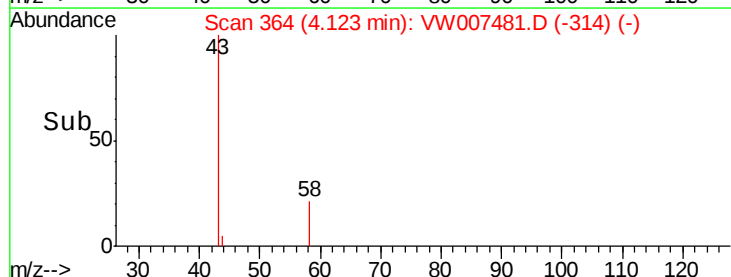
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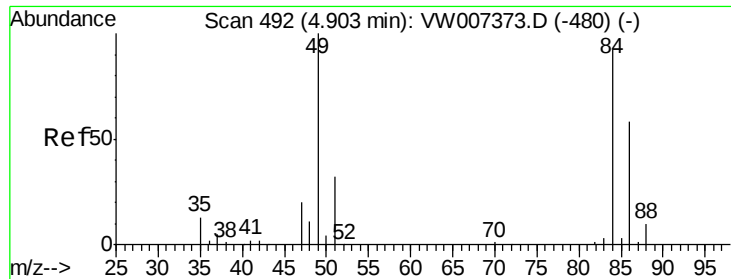
100

0

4.05 4.10 4.15

Time-->

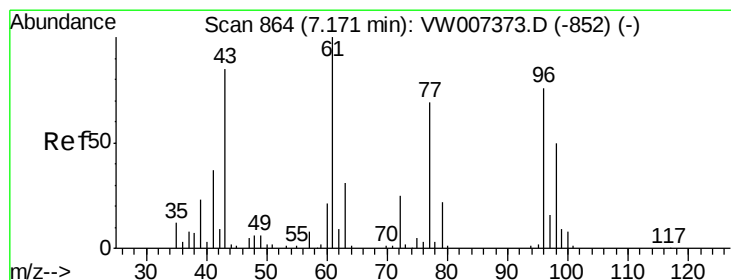
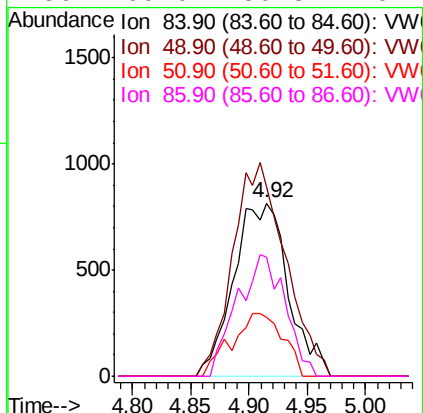
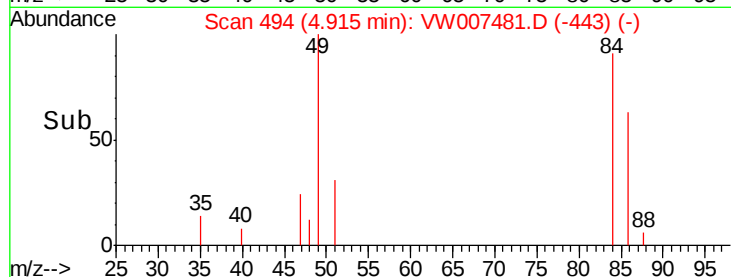
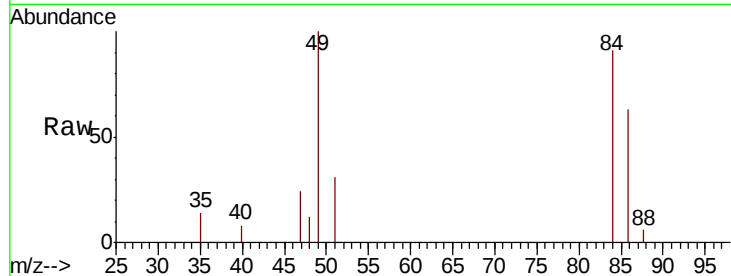




#20
Methvlene Chloride
Concen: 3.534 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

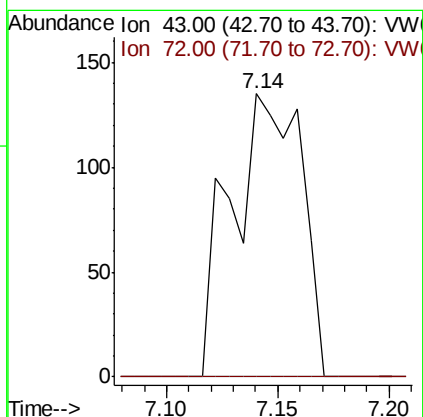
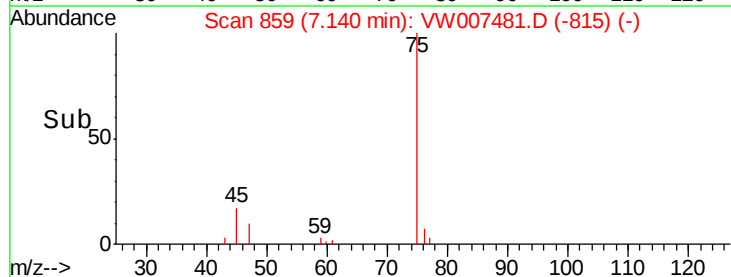
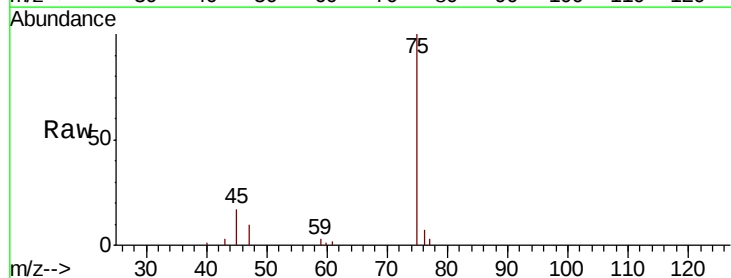
Instrument :
MSVOA_W
ClientSampled :
SB-01A

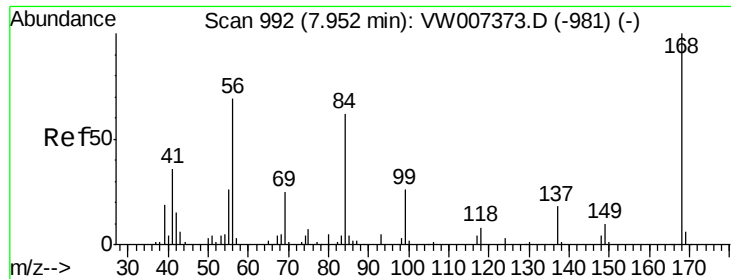
Tot Ion: 84 Resp: 2655
Ion Ratio Lower Upper
84 100
49 109.3 87.1 130.7
51 34.0 28.2 42.2
86 69.0 50.8 76.2



#25
2-Butanone
Concen: 3.362 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

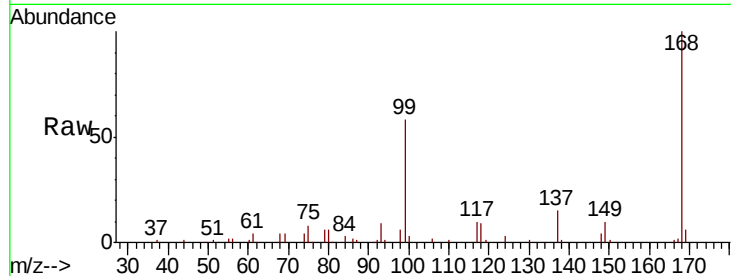




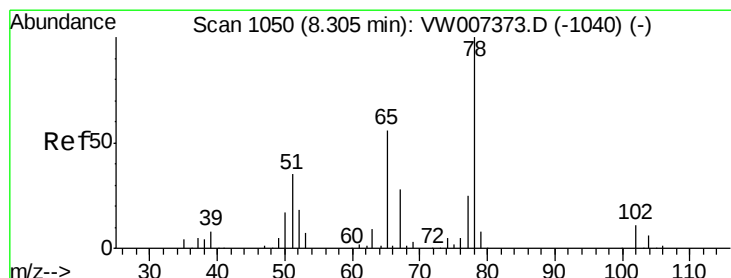
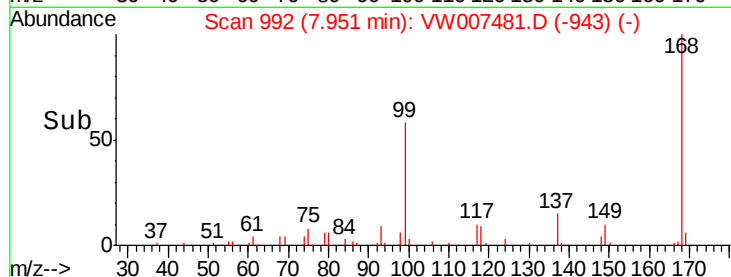
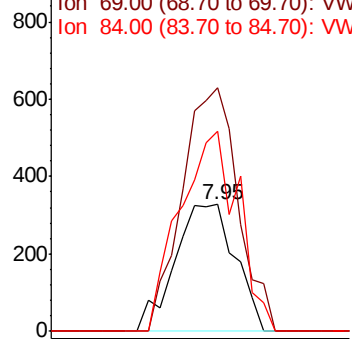
#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
SB-01A

Tot Ion: 56 Resp: 728
Ion Ratio Lower Upper
56 100
69 191.8 28.9 43.3#
84 157.6 71.8 107.6#

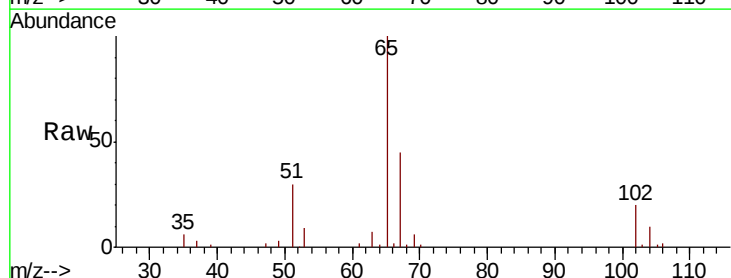


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

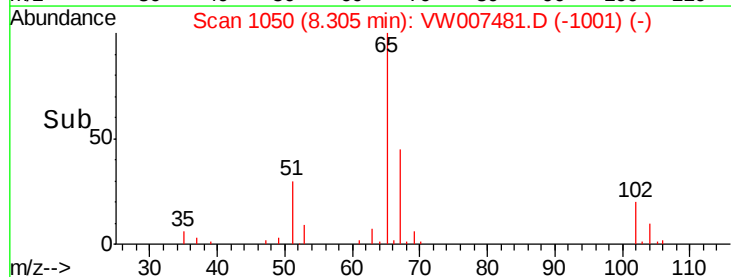
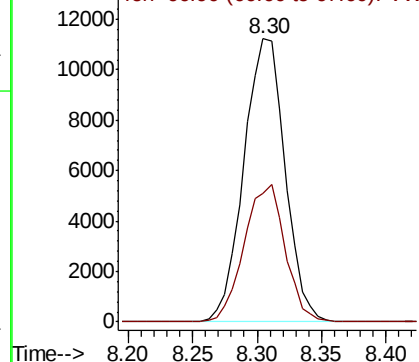


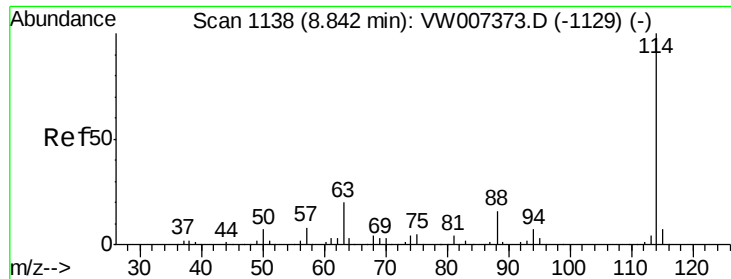
#33
1,2-Dichloroethane-d4
Concen: 64.194 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 65 Resp: 24868
Ion Ratio Lower Upper
65 100
67 48.2 0.0 101.6



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

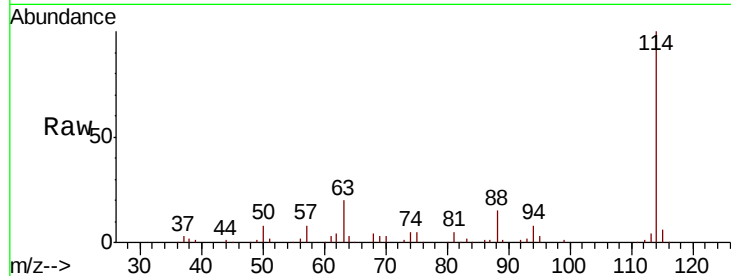




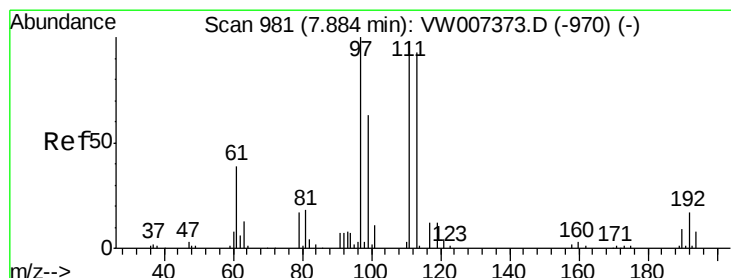
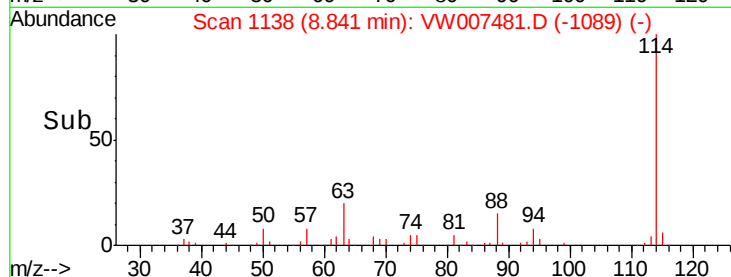
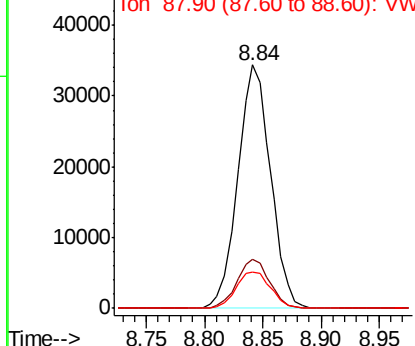
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007481.D
 Acq: 13 Dec 2018 12:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01A

Tot Ion:114 Resp: 67364
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.1 0.0 31.4

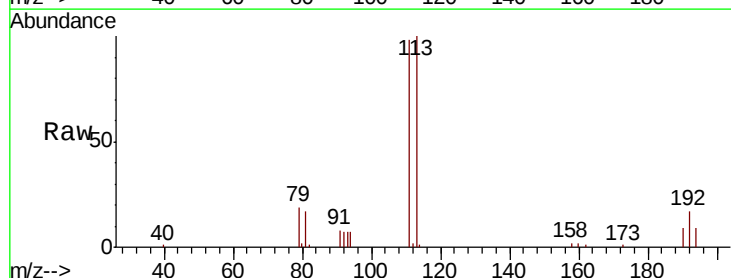


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

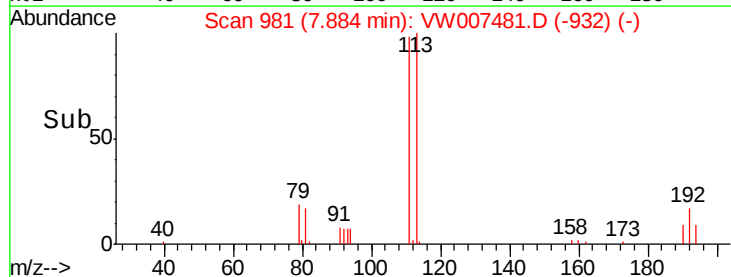
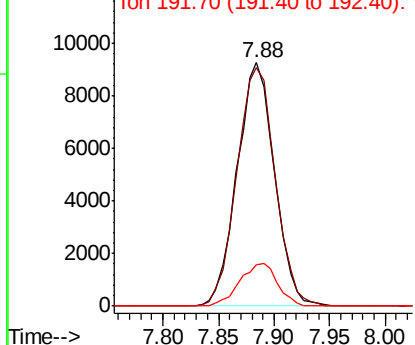


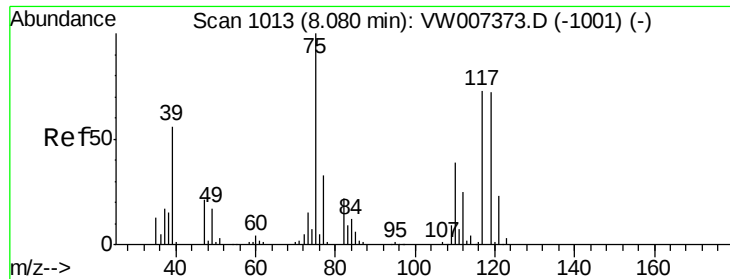
#35
 Dibromofluoromethane
 Concen: 52.896 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007481.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:113 Resp: 21570
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.1 121.7
 192 17.7 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

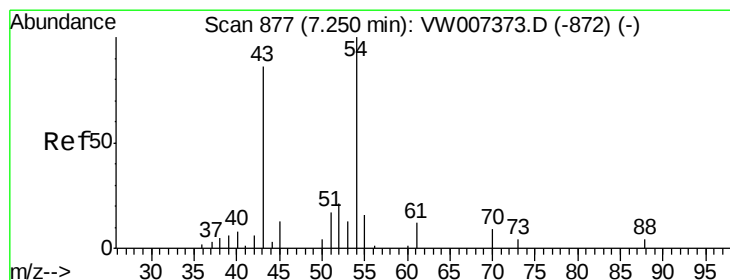
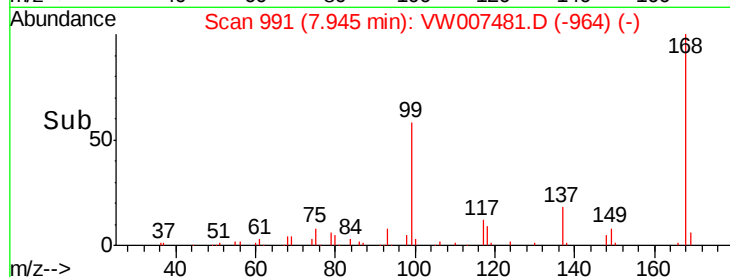
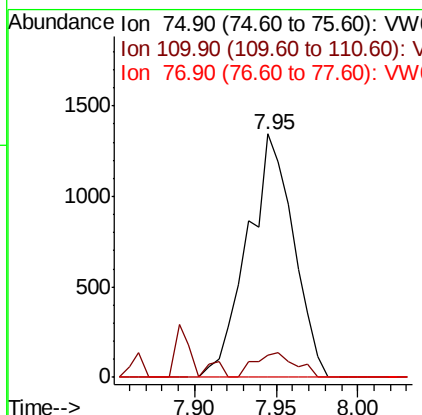
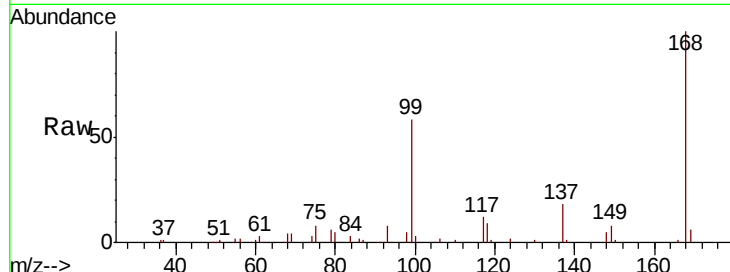




#36
 1,1-Dichloropropene
 Concen: 4.291 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007481.D
 Acq: 13 Dec 2018 12:09

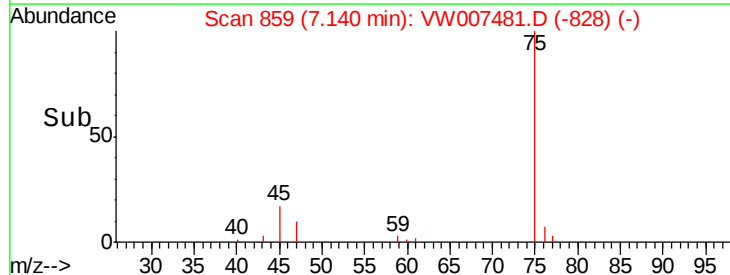
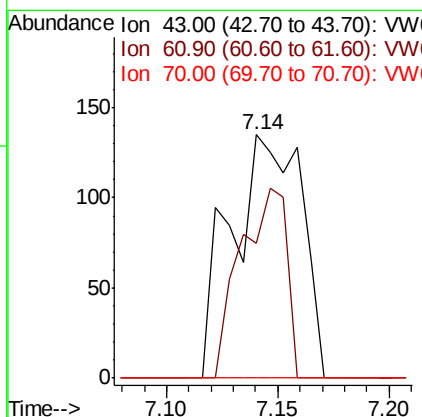
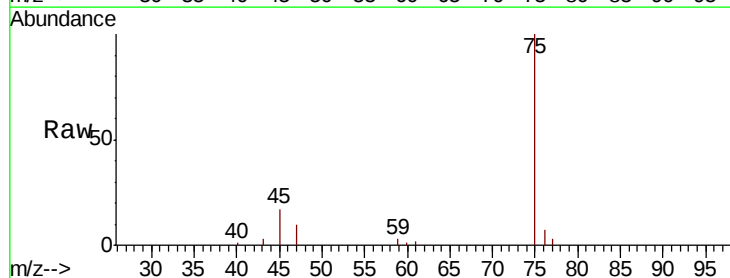
Instrument :
 MSVOA_W
 ClientSampled :
 SB-01A

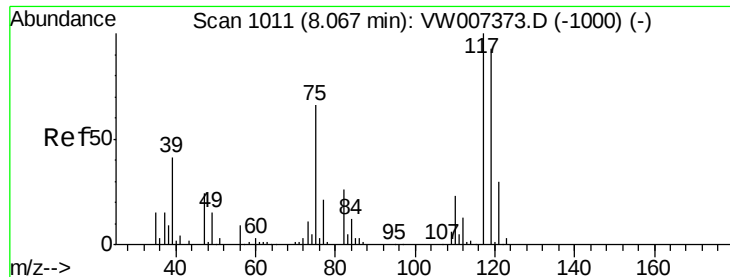
Tot Ion: 75 Resp: 2637
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.5 55.5#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 1.299 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.11 min
 Lab File: VW007481.D
 Acq: 13 Dec 2018 12:09

Tgt Ion: 43 Resp: 297
 Ion Ratio Lower Upper
 43 100
 61 51.2 12.1 18.1#
 70 0.0 10.0 15.0#

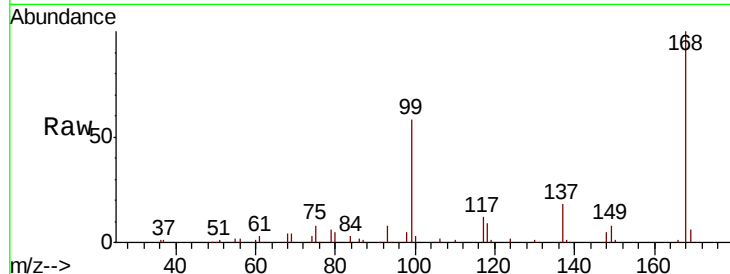




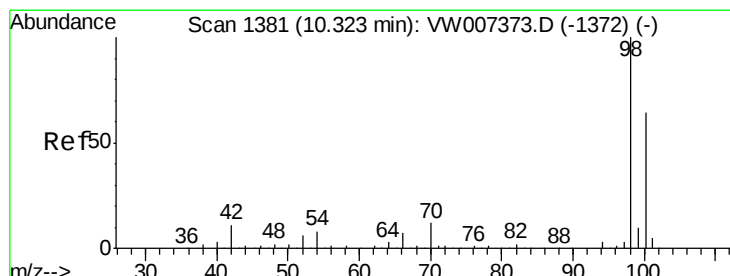
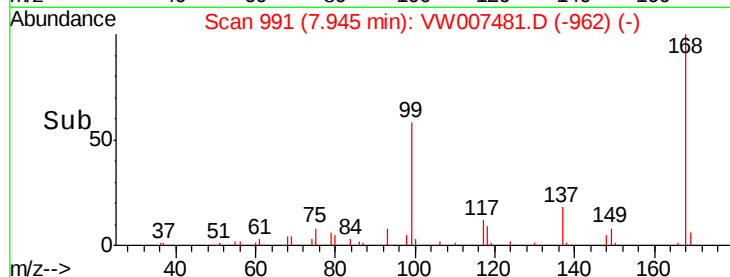
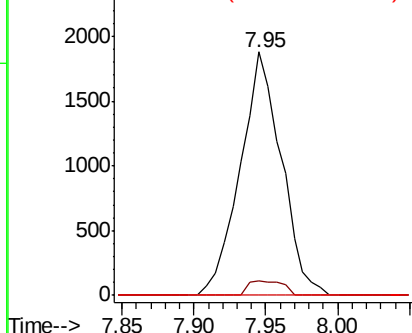
#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Instrument :
MSVOA_W
ClientSampleId :
SB-01A

Tot Ion:117 Resp: 3715
Ion Ratio Lower Upper
117 100
119 6.2 74.3 111.5#
121 0.0 24.3 36.5#

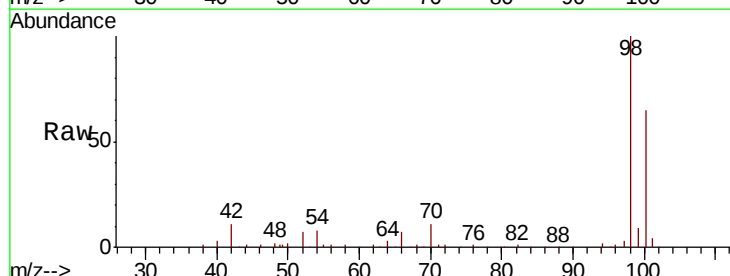


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

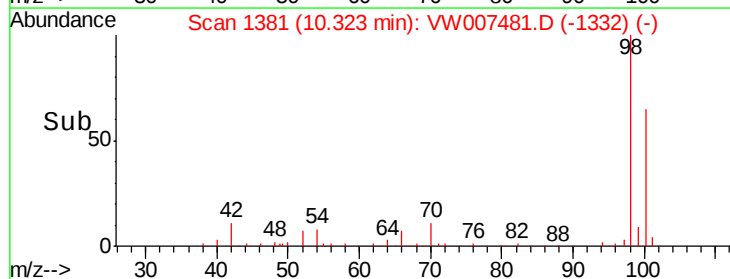
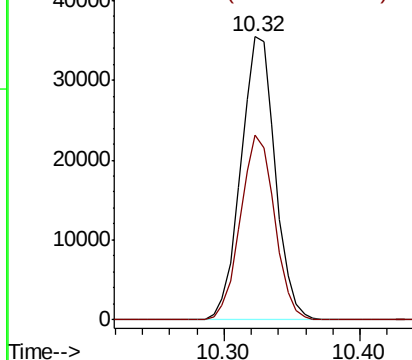


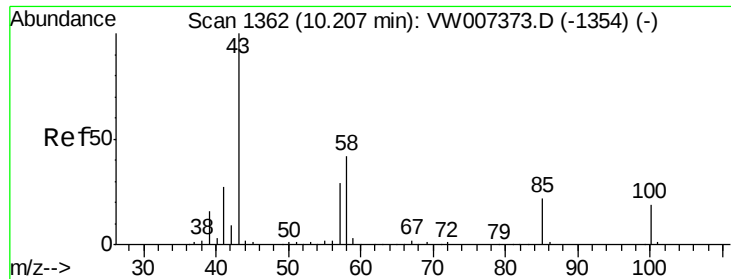
#50
Toluene-d8
Concen: 40.772 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 98 Resp: 62339
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.749 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW007481.D

Acq: 13 Dec 2018 12:09

Instrument :

MSVOA_W

ClientSampled :

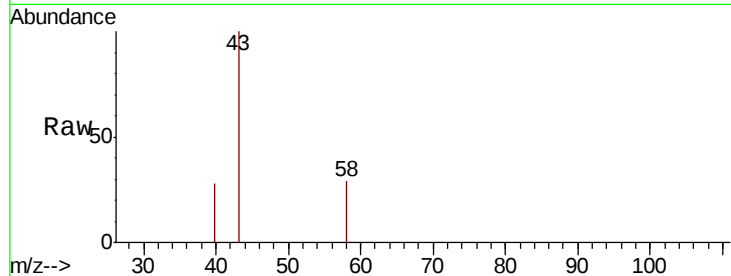
SB-01A

Tot Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

58 28.4 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250

200

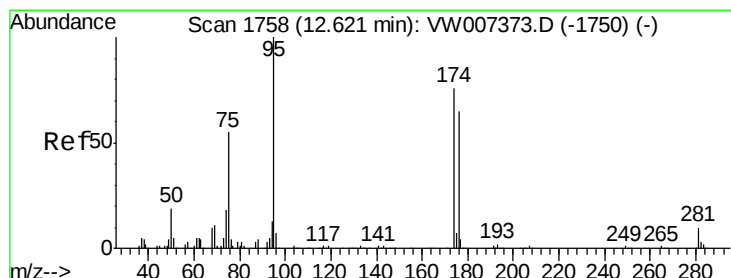
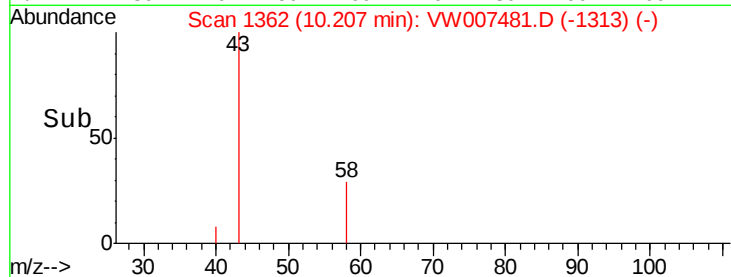
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.180 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007481.D

Acq: 13 Dec 2018 12:09

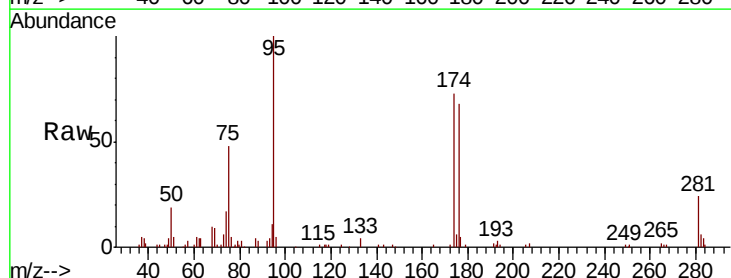
Tgt Ion: 95 Resp: 24836

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.2

176 70.1 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

20000

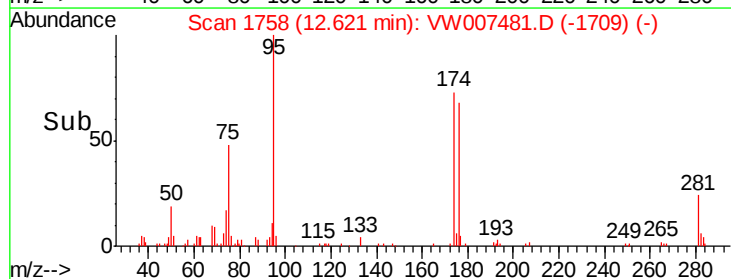
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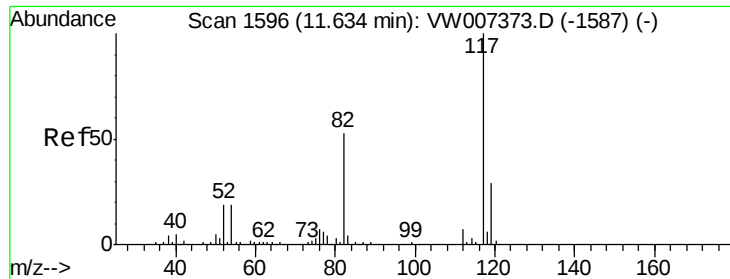
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5000

0

Time-->

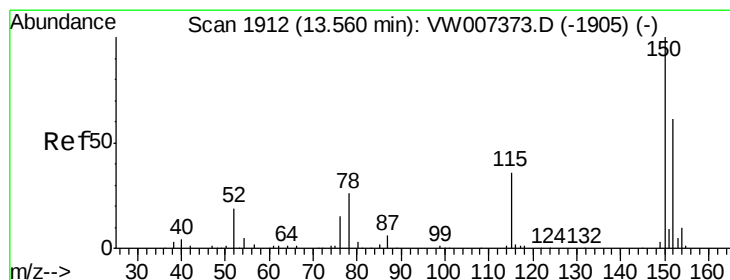
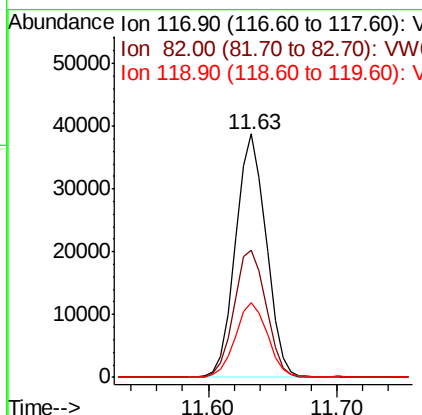
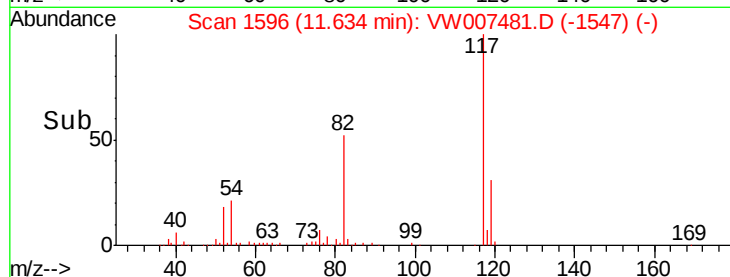
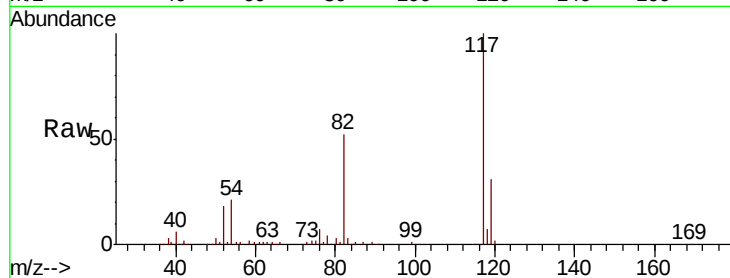




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

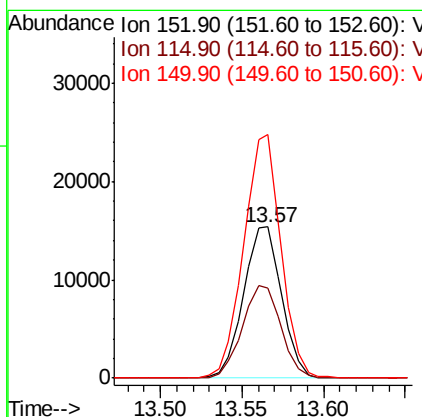
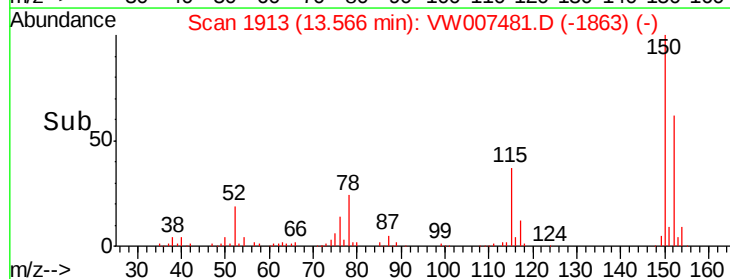
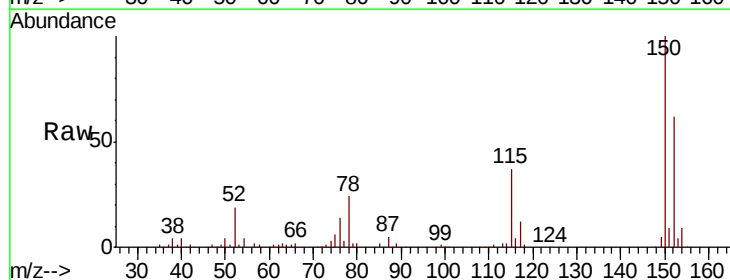
Instrument :
MSVOA_W
ClientSampleId :
SB-01A

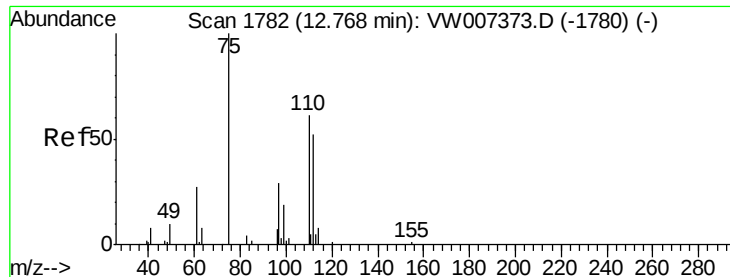
Tot Ion:117 Resp: 63898
Ion Ratio Lower Upper
117 100
82 52.1 42.3 63.5
119 30.6 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007481.D
Acq: 13 Dec 2018 12:09

Tgt Ion:152 Resp: 24925
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.2
150 157.4 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 58.697 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007481.D

Acq: 13 Dec 2018 12:09

Instrument :

MSVOA_W

ClientSampleId :

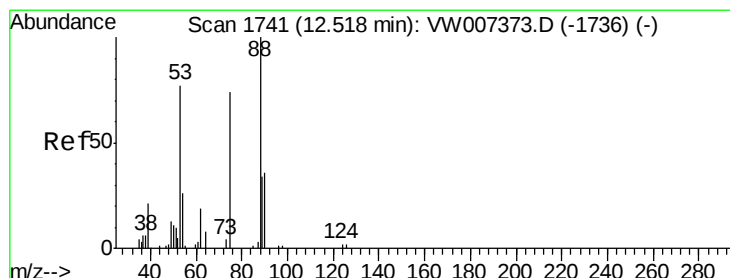
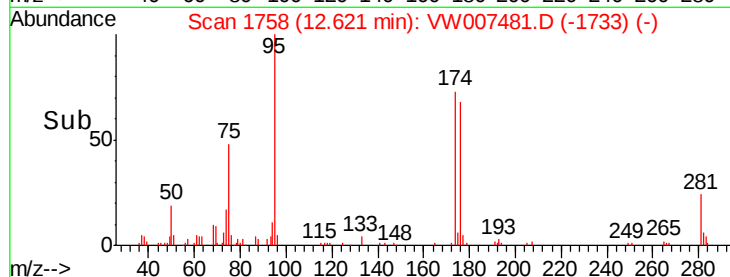
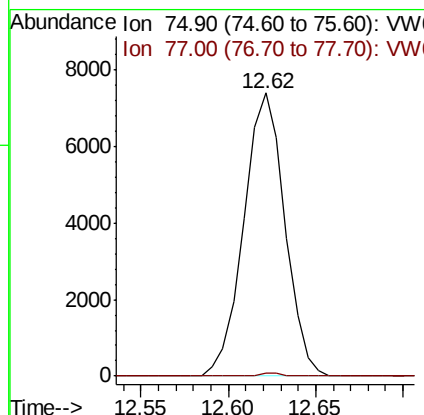
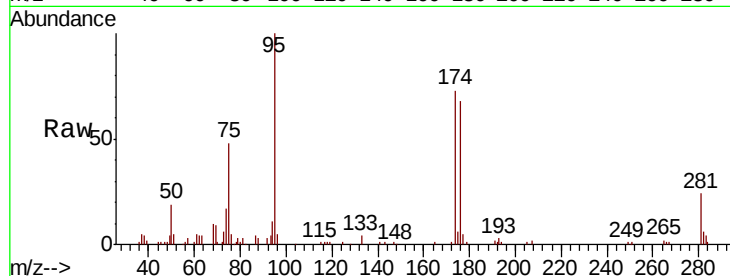
SB-01A

Tot Ion: 75 Resp: 12063

Ion Ratio Lower Upper

75 100

77 0.5 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.662 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007481.D

Acq: 13 Dec 2018 12:09

Tgt Ion: 75 Resp: 12063

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

