

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007467.D
 Acq On : 13 Dec 2018 04:23
 Operator : SY/AP
 Sample : J6340-10
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06A

Quant Time: Dec 13 05:44:17 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	76521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60381	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	37266	43.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.80%	
35) Dibromofluoromethane	7.88	113	35844	43.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.80%	
50) Toluene-d8	10.32	98	121000	39.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.04%	
62) 4-Bromofluorobenzene	12.62	95	47889	42.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.10%	

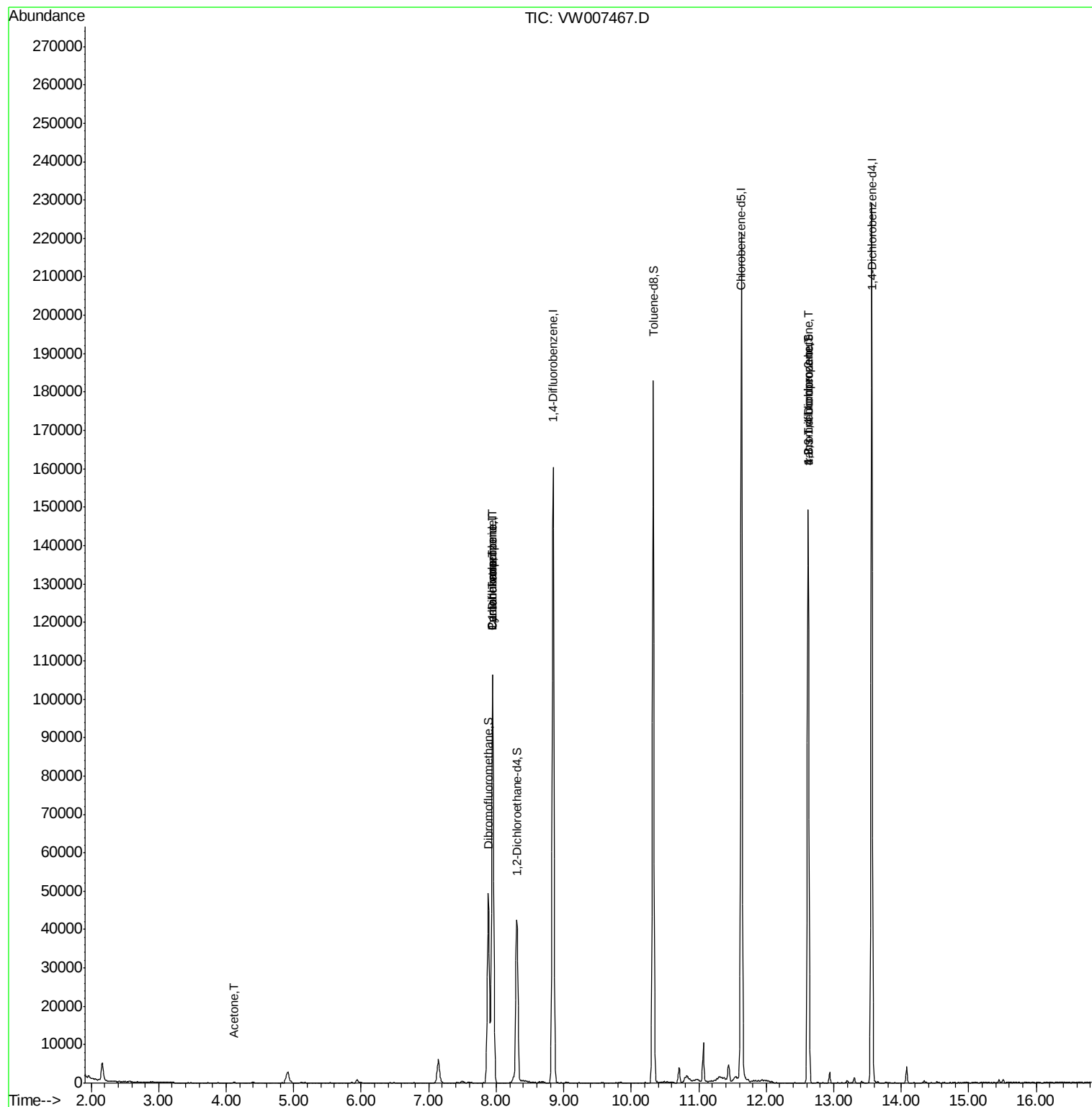
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	433	2.920	ug/l #	44
20) Methylene Chloride	4.92	84	2376	Below Cal		94
31) Cyclohexane	7.95	56	1569	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5925	4.815	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8281	6.185	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	24655	49.522	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24655	109.395	ug/l #	7

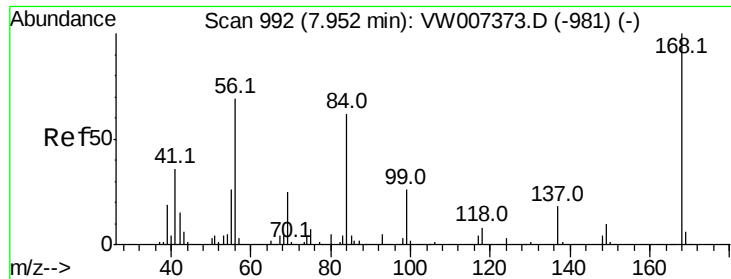
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Quant Time: Dec 13 05:44:17 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: VW007467.D

Acq: 13 Dec 2018 04:23

Instrument :

MSVOA_W

ClientSampleId :

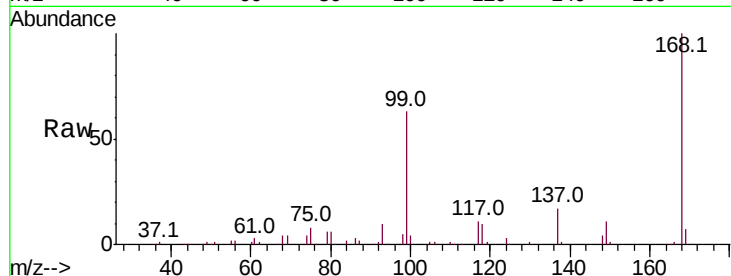
SB-06A

Tot Ion:168 Resp: 76521

Ion Ratio Lower Upper

168 100

99 62.9 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

40000

30000

20000

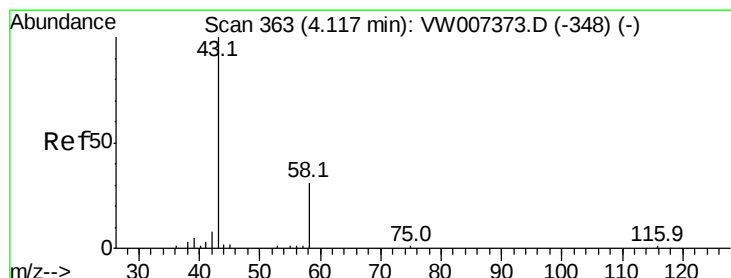
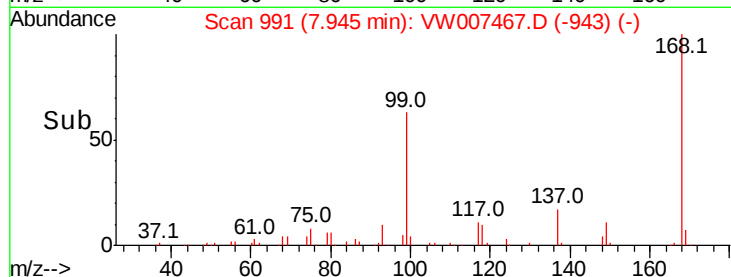
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 2.920 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007467.D

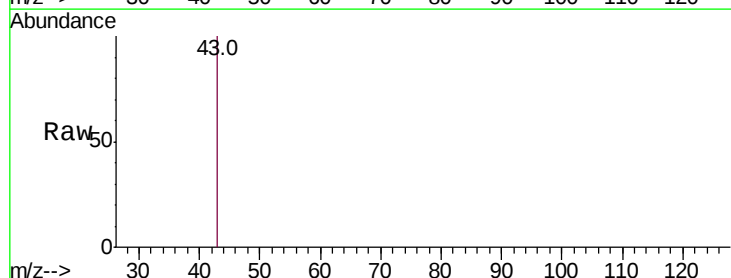
Acq: 13 Dec 2018 04:23

Tgt Ion: 43 Resp: 433

Ion Ratio Lower Upper

43 100

58 0.0 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

250

200

150

100

50

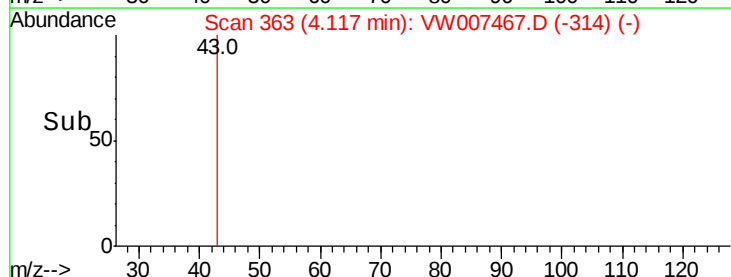
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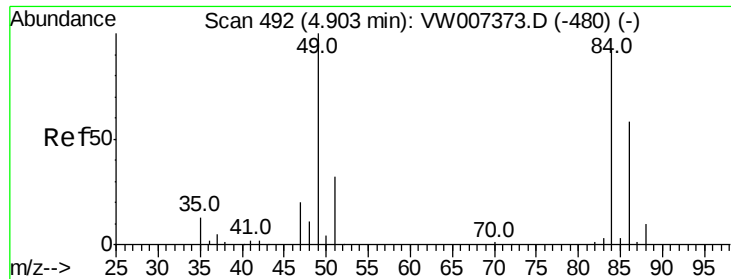
Time-->

4.05

4.10

4.15

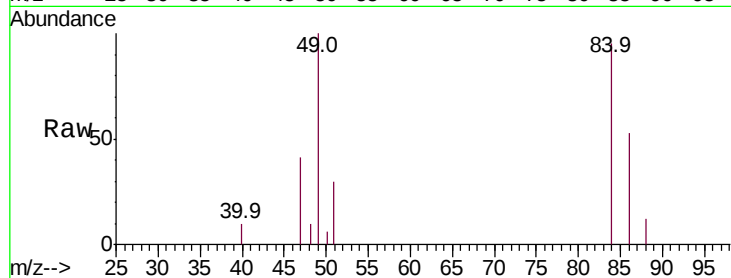




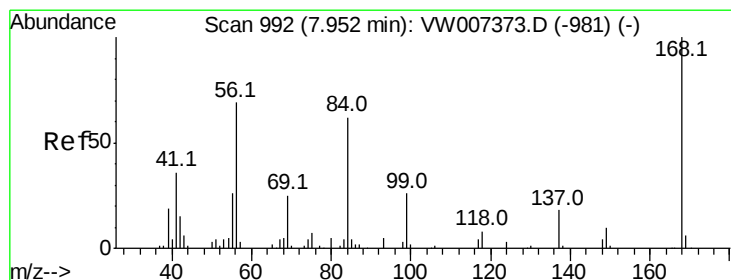
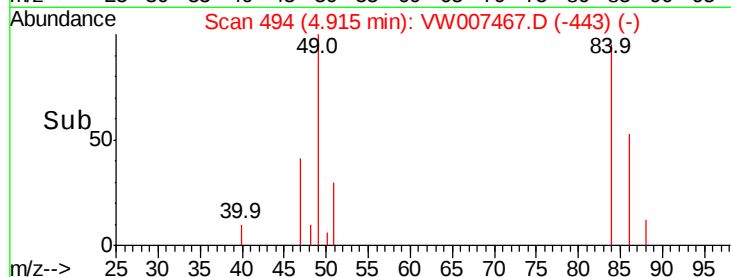
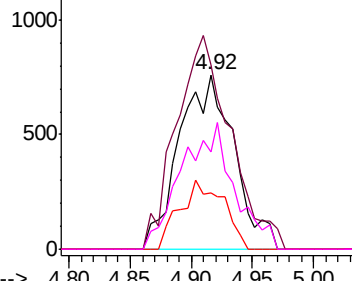
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

Instrument :
MSVOA_W
ClientSampled :
SB-06A

Tot Ion: 84 Resp: 2376
Ion Ratio Lower Upper
84 100
49 105.7 87.1 130.7
51 32.1 28.2 42.2
86 55.8 50.8 76.2

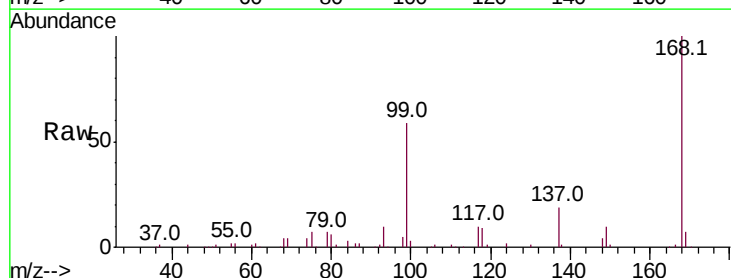


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

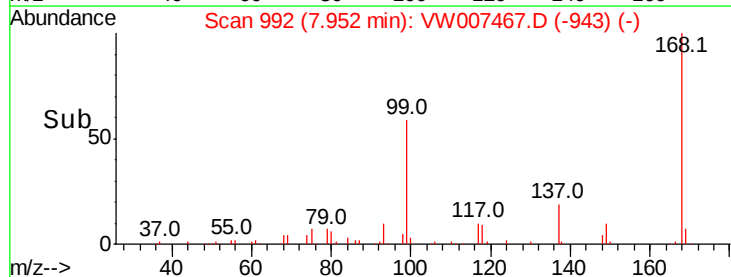
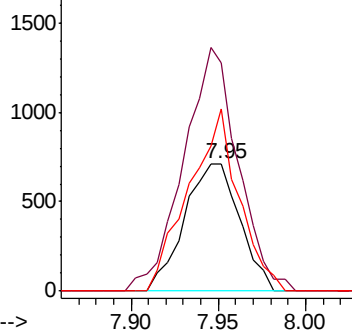


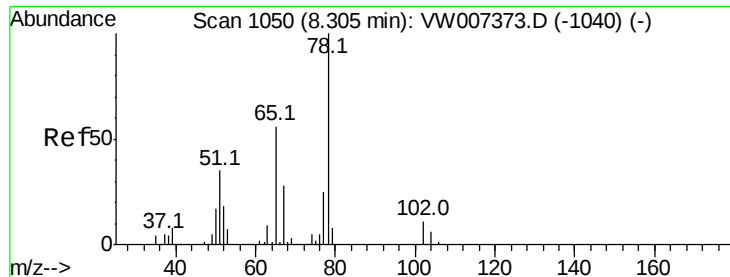
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

Tgt Ion: 56 Resp: 1569
Ion Ratio Lower Upper
56 100
69 169.6 28.9 43.3#
84 142.4 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: 43.897 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007467.D

Acq: 13 Dec 2018 04:23

Instrument :

MSVOA_W

ClientSampleId :

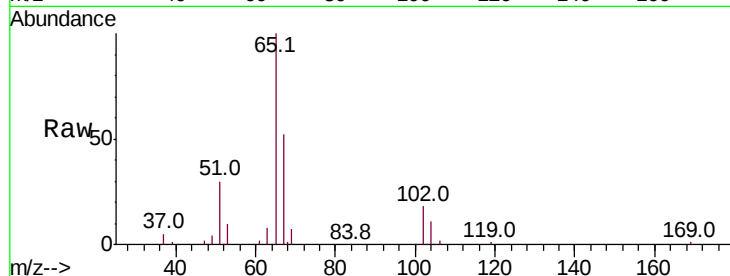
SB-06A

Tot Ion: 65 Resp: 37266

Ion Ratio Lower Upper

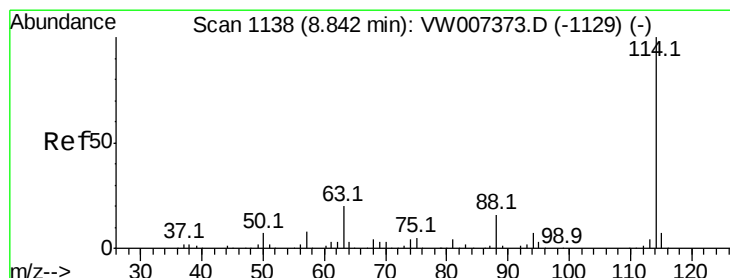
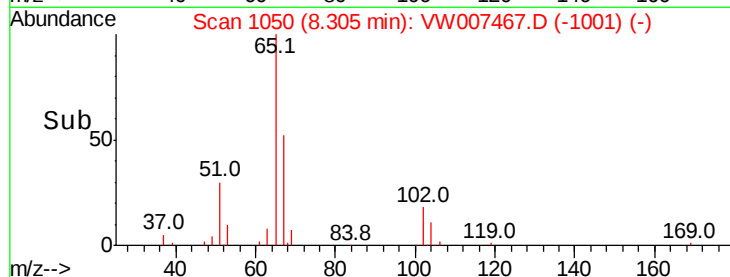
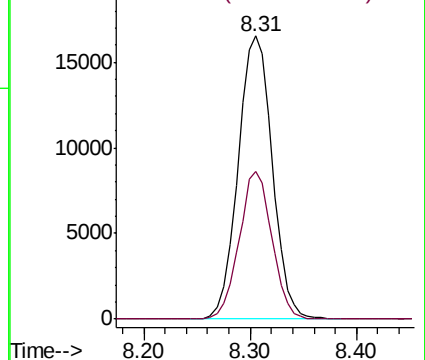
65 100

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: VW007467.D

Acq: 13 Dec 2018 04:23

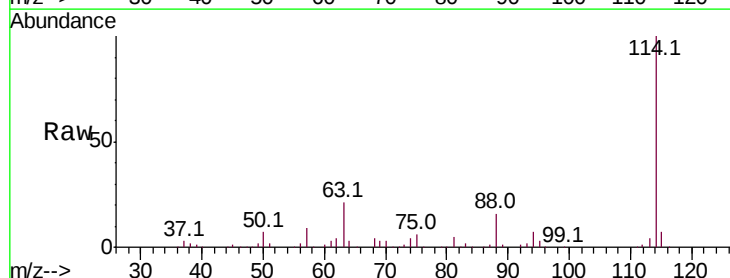
Tgt Ion: 114 Resp: 134882

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

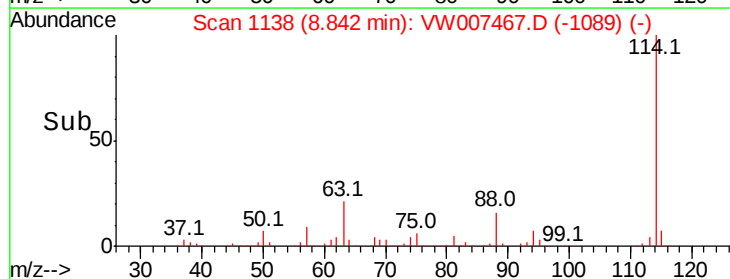
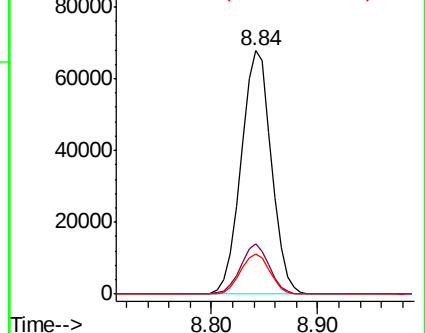
88 16.4 0.0 31.4

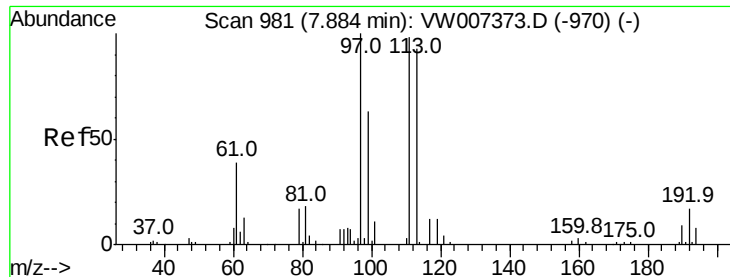


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

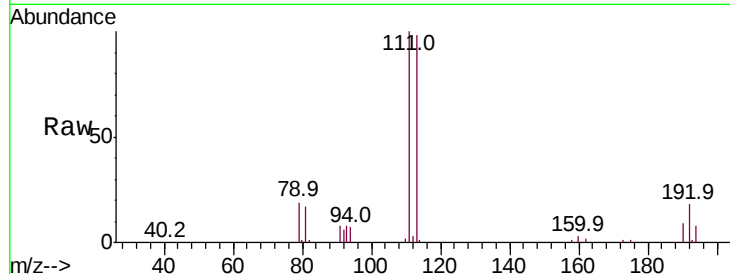




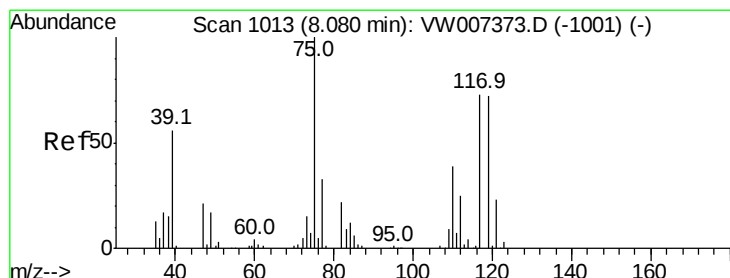
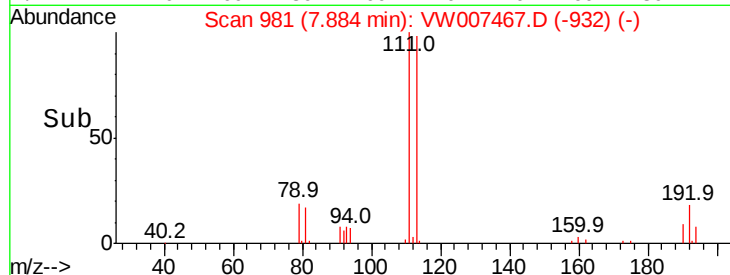
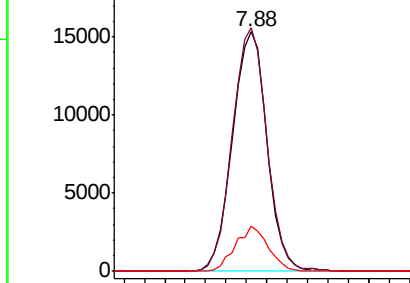
#35
 Dibromofluoromethane
 Concen: 43.900 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007467.D
 Acq: 13 Dec 2018 04:23

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06A

Tot Ion:113 Resp: 35844
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 18.0 14.6 21.8

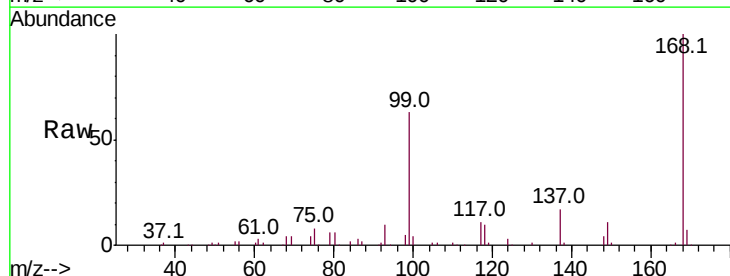


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

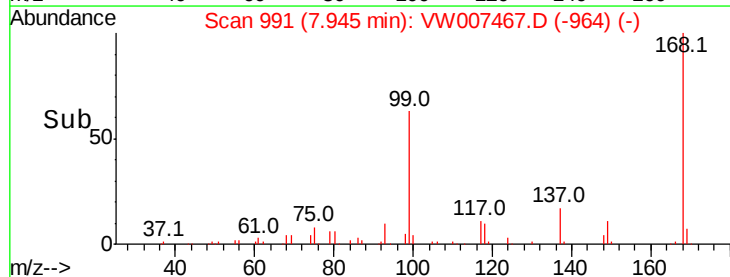
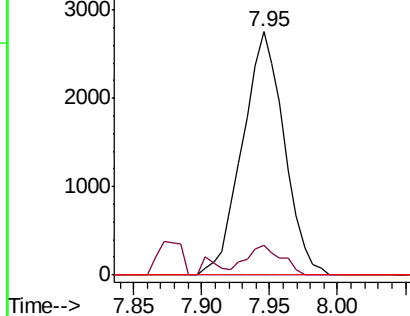


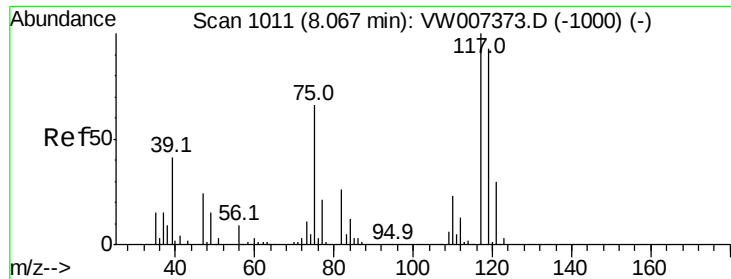
#36
 1,1-Dichloropropene
 Concen: 4.815 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007467.D
 Acq: 13 Dec 2018 04:23

Tgt Ion: 75 Resp: 5925
 Ion Ratio Lower Upper
 75 100
 110 10.1 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

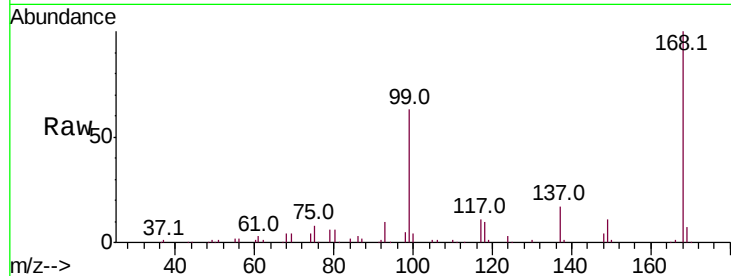




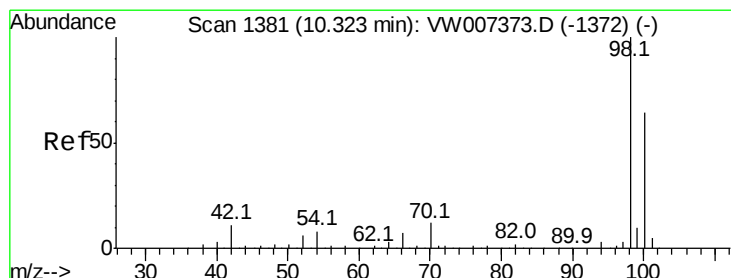
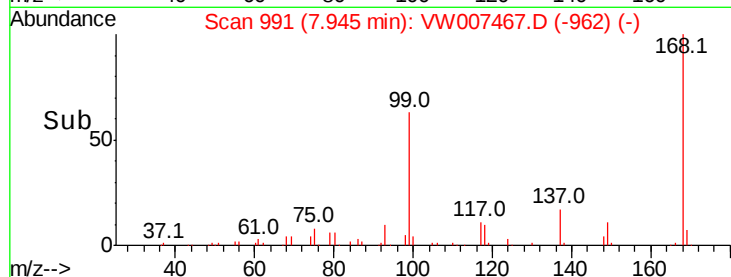
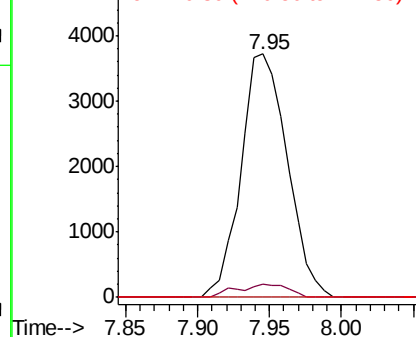
#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

Instrument :
MSVOA_W
ClientSampleId :
SB-06A

Tot Ion:117 Resp: 8281
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

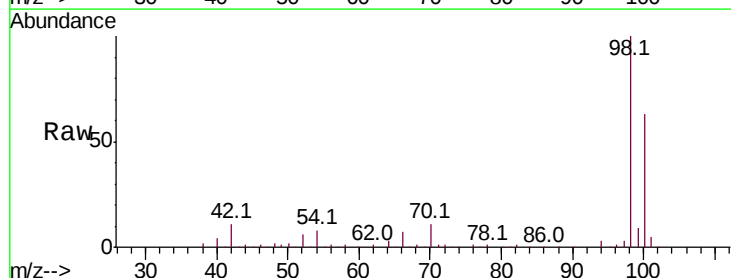


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

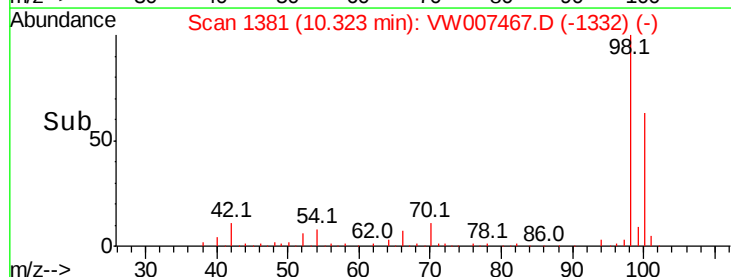
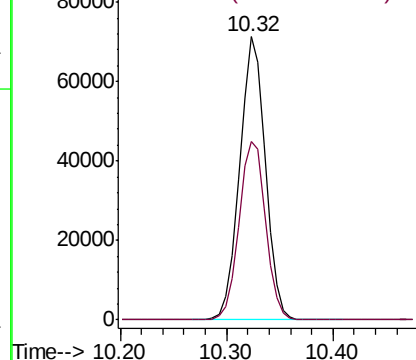


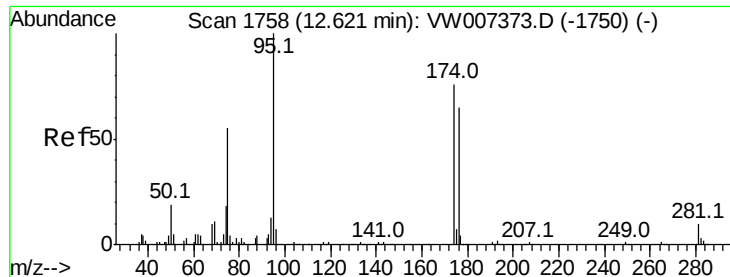
#50
Toluene-d8
Concen: 39.524 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

Tgt Ion: 98 Resp: 121000
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



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

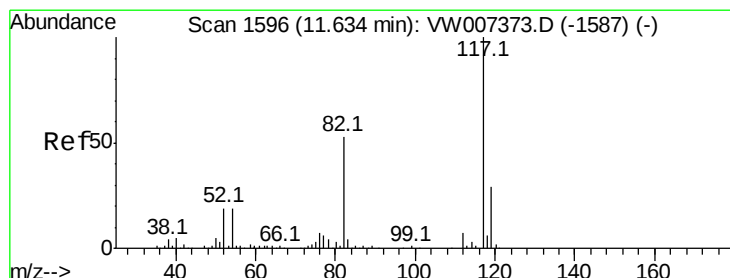
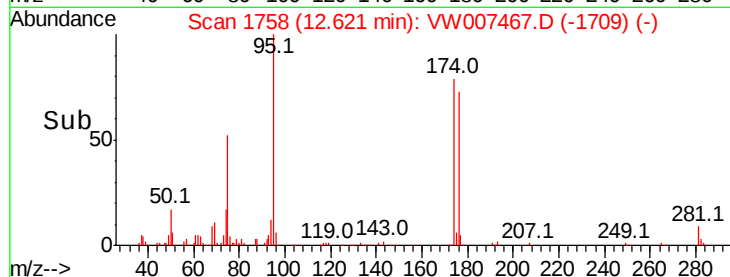
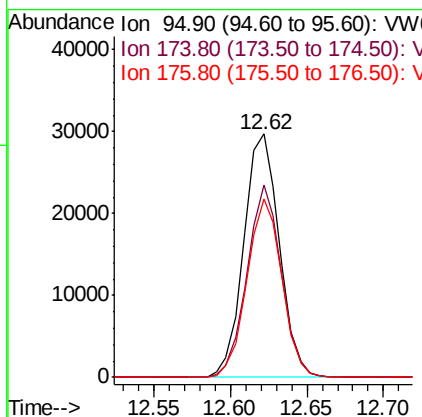
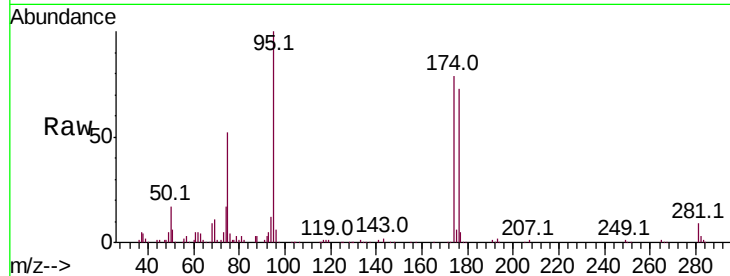




#62
4-Bromofluorobenzene
Concen: 42.545 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

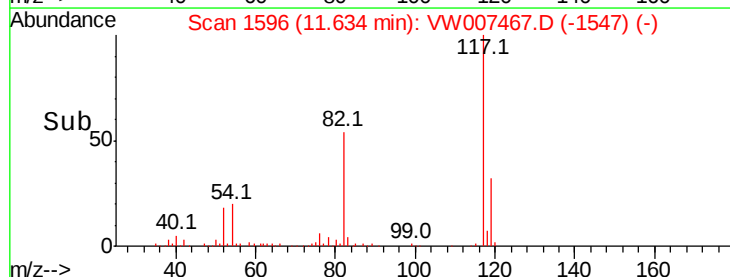
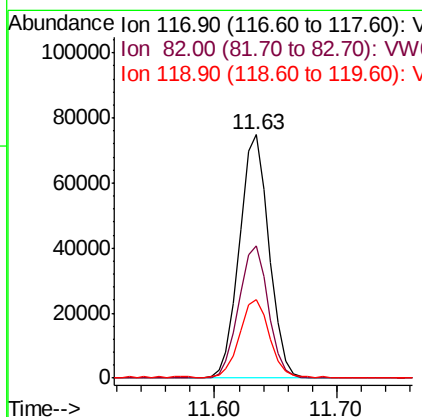
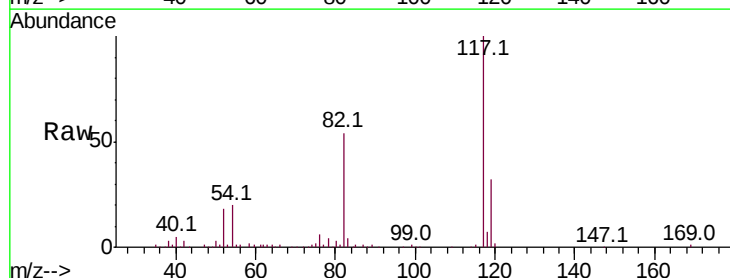
Instrument :
MSVOA_W
ClientSampleId :
SB-06A

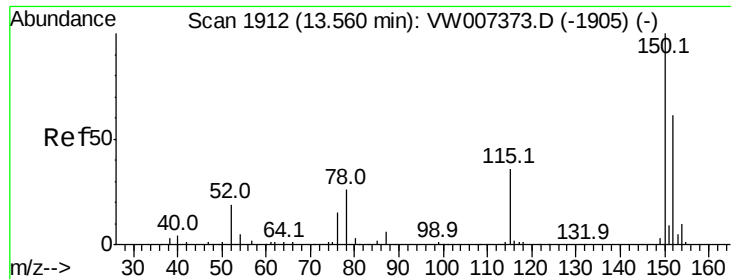
Tot Ion: 95 Resp: 47889
Ion Ratio Lower Upper
95 100
174 76.1 0.0 147.2
176 71.8 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007467.D
Acq: 13 Dec 2018 04:23

Tgt Ion: 117 Resp: 125088
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 32.0 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: VW007467.D

Acq: 13 Dec 2018 04:23

Instrument :

MSVOA_W

ClientSampleId :

SB-06A

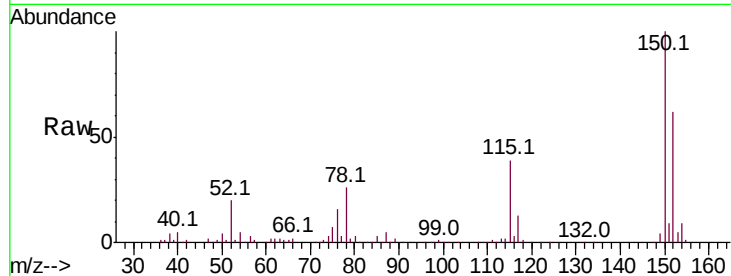
Tot Ion:152 Resp: 60381

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

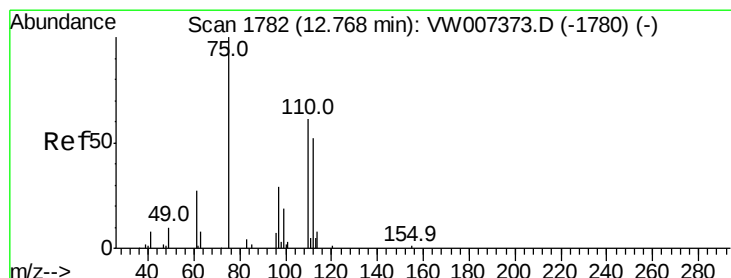
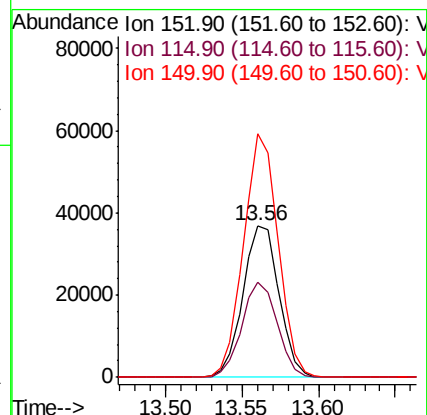
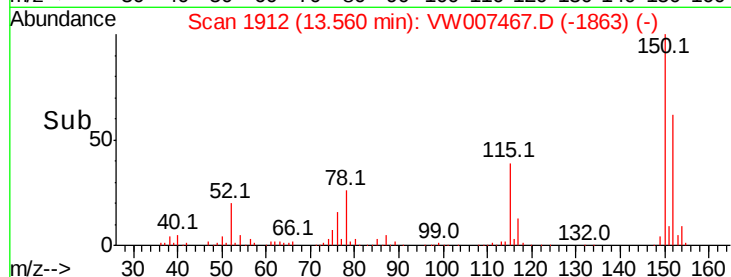
150 153.9 0.0 358.4



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: 49.522 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007467.D

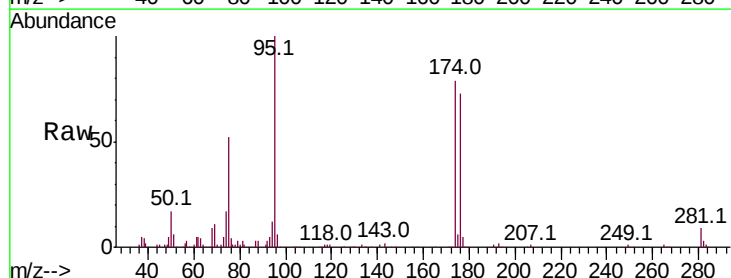
Acq: 13 Dec 2018 04:23

Tgt Ion: 75 Resp: 24655

Ion Ratio Lower Upper

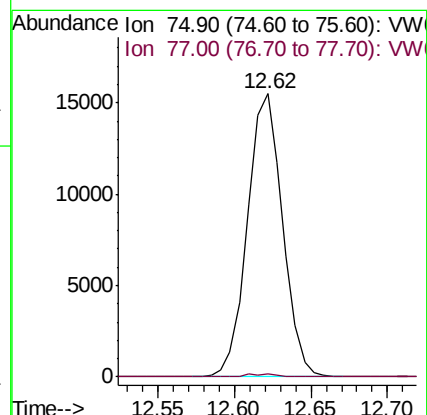
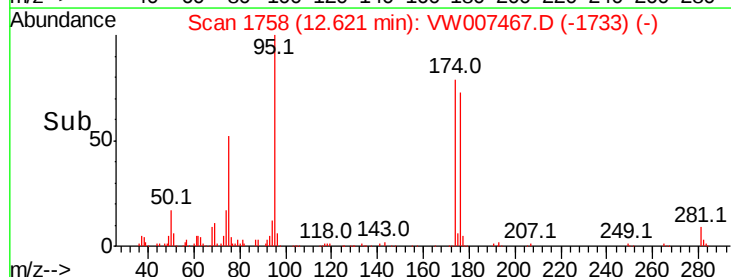
75 100

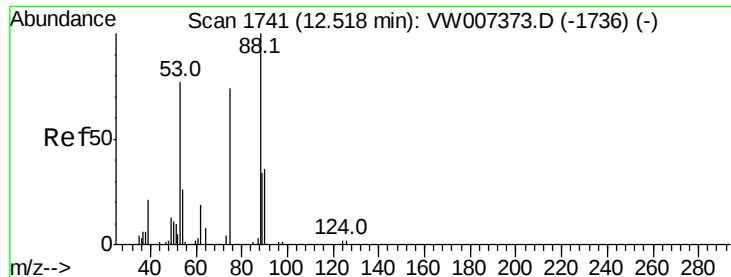
77 0.9 166.9 500.8#



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: 109.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007467.D

Acq: 13 Dec 2018 04:23

Instrument :

MSVOA_W

ClientSampleId :

SB-06A

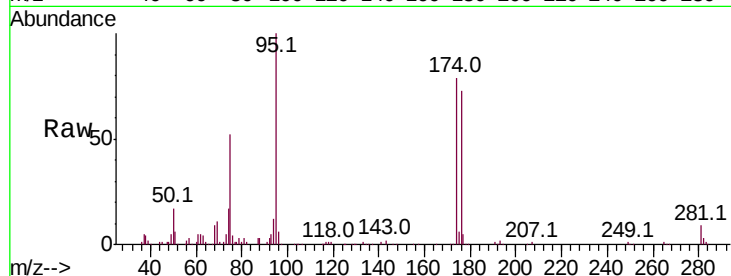
Tot Ion: 75 Resp: 24655

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

