

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007494.D
 Acq On : 13 Dec 2018 17:46
 Operator : SY/AP
 Sample : J6370-01
 Misc : 5.31G/6ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0634

Quant Time: Dec 14 04:23:07 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

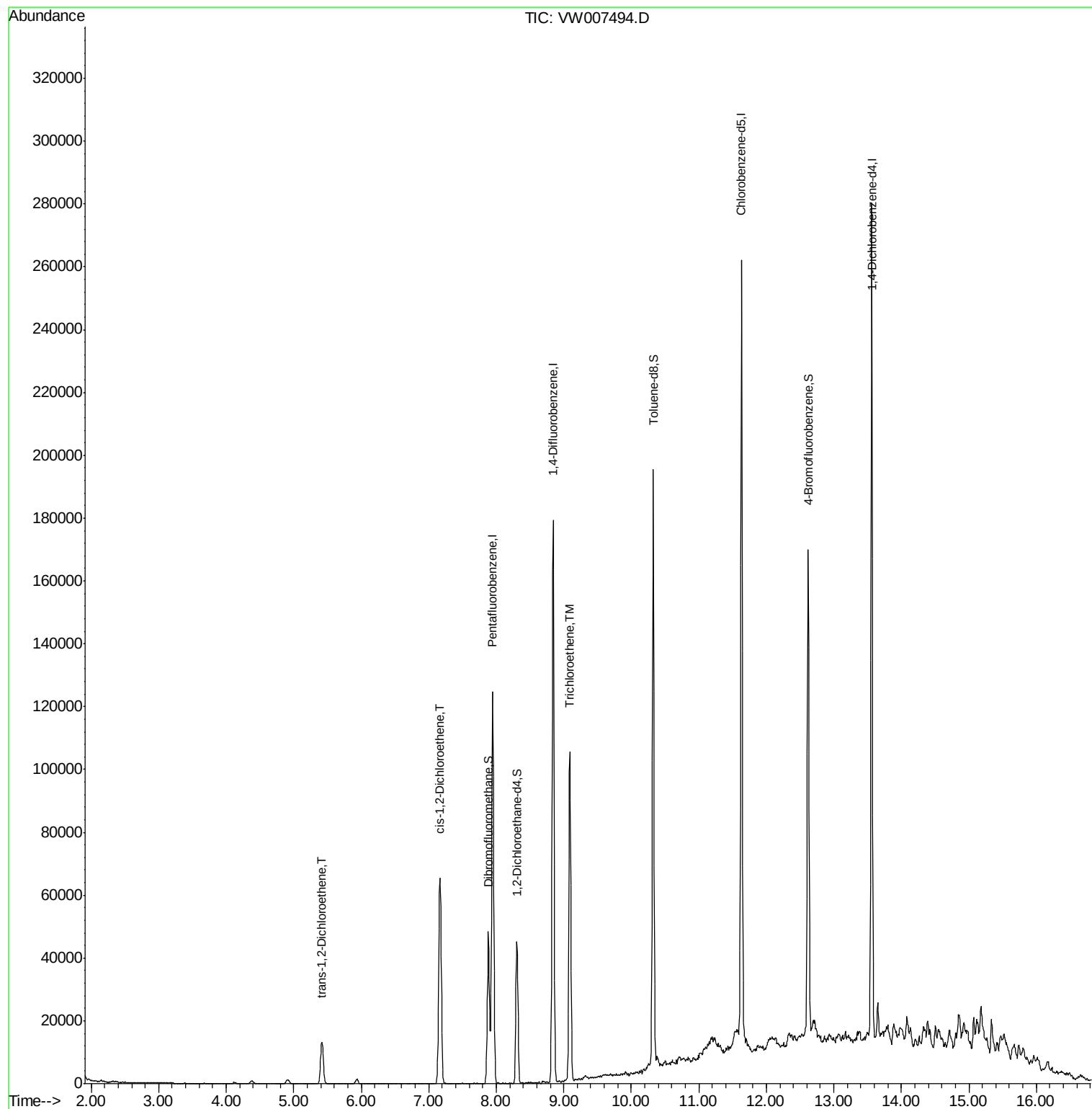
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	37154	36.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.96%	
35) Dibromofluoromethane	7.88	113	34357	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
50) Toluene-d8	10.32	98	125848	35.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.82%	
62) 4-Bromofluorobenzene	12.62	95	51714	40.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.26%	
Target Compounds						
21) trans-1,2-Dichloroethene	5.42	96	8522	8.576	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	40876	37.569	ug/l	93
44) Trichloroethene	9.09	130	36105	32.345	ug/l	97

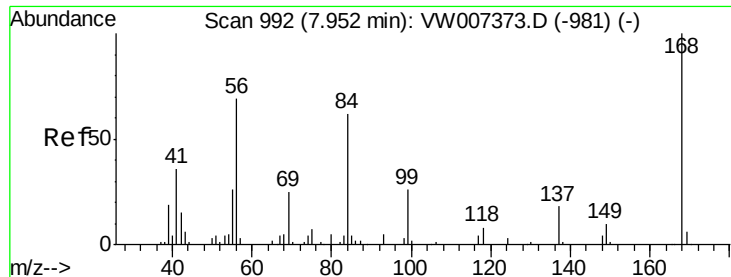
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
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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: VW007494.D

Acq: 13 Dec 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

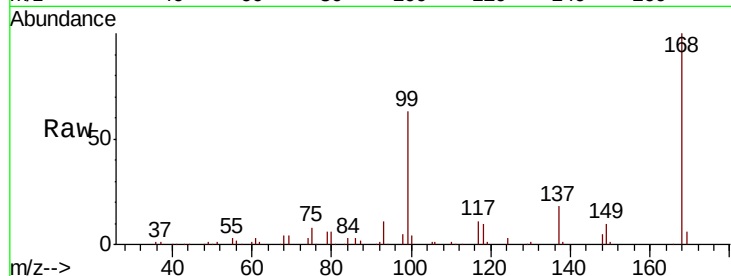
S32-0634

Tot Ion:168 Resp: 90550

Ion Ratio Lower Upper

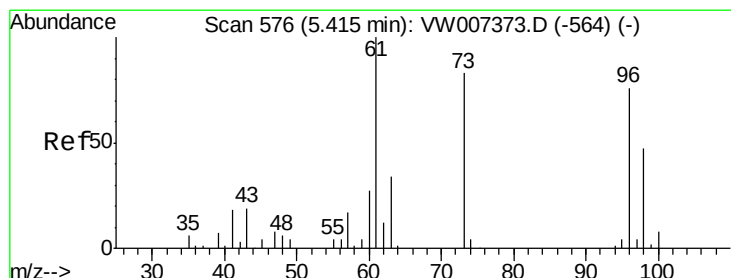
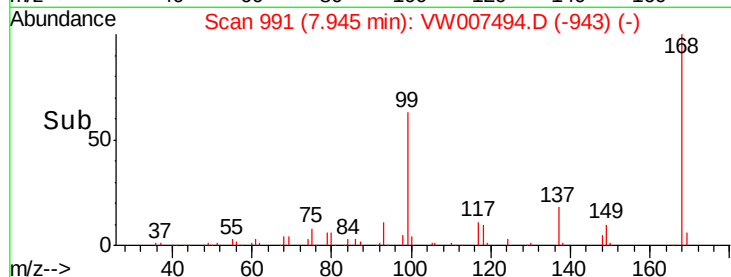
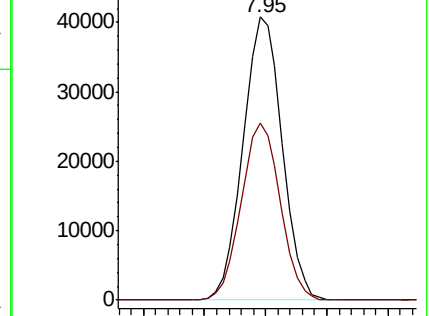
168 100

99 62.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#21

trans-1,2-Dichloroethene

Concen: 8.576 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007494.D

Acq: 13 Dec 2018 17:46

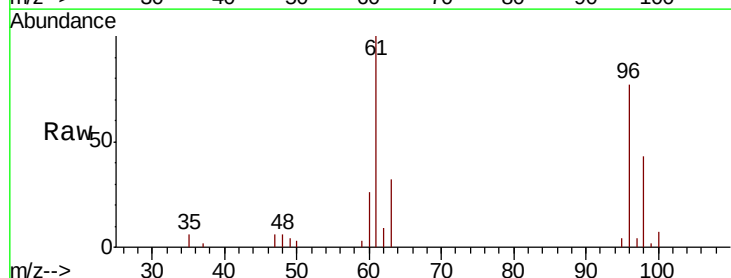
Tgt Ion: 96 Resp: 8522

Ion Ratio Lower Upper

96 100

61 129.5 105.0 157.6

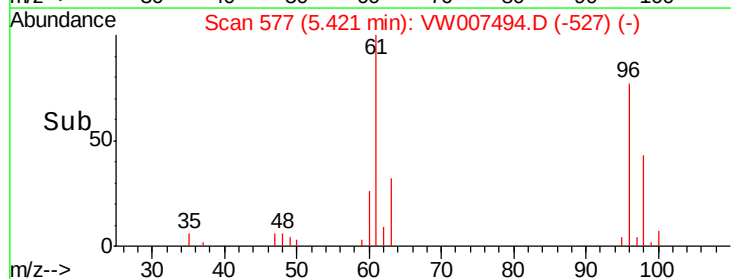
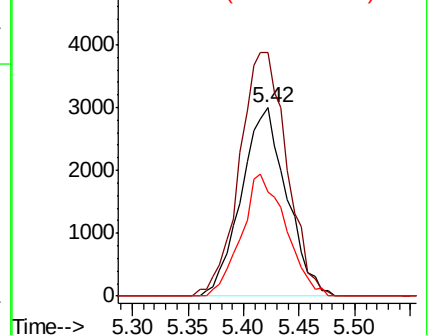
98 55.4 49.7 74.5

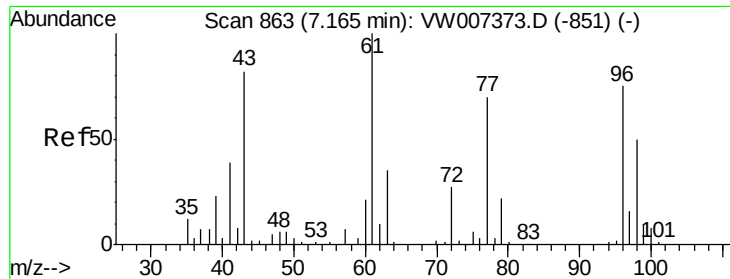


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



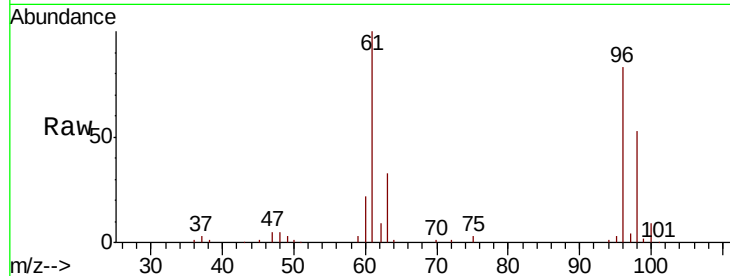


#27

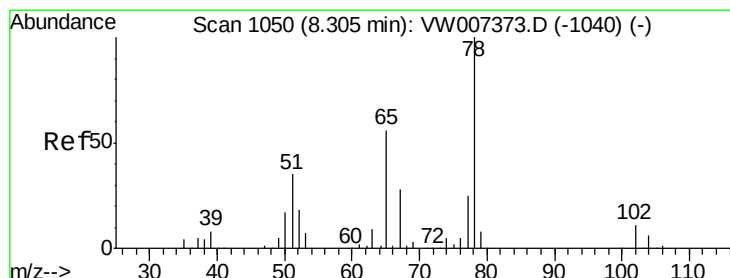
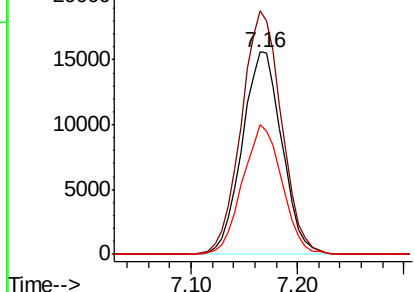
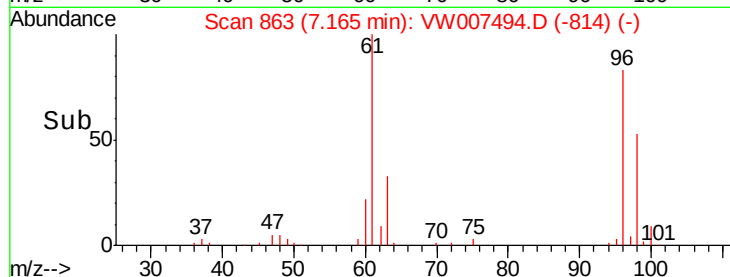
cis-1,2-Dichloroethene
 Concen: 37.569 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007494.D
 Acq: 13 Dec 2018 17:46

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0634

Tot Ion: 96 Resp: 40876
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 268.4
 98 63.6 0.0 127.8



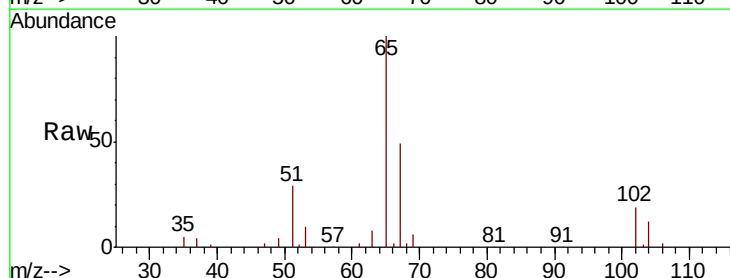
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



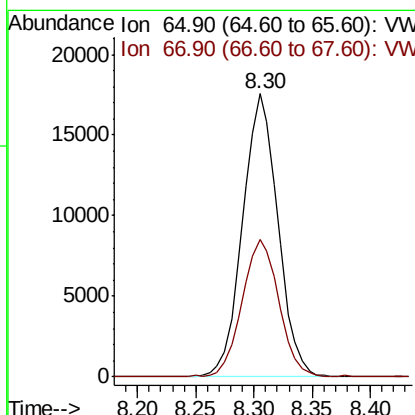
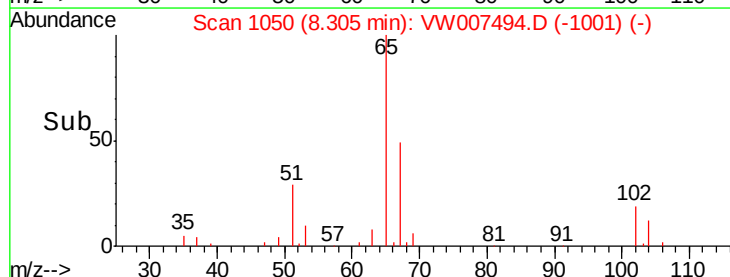
#33

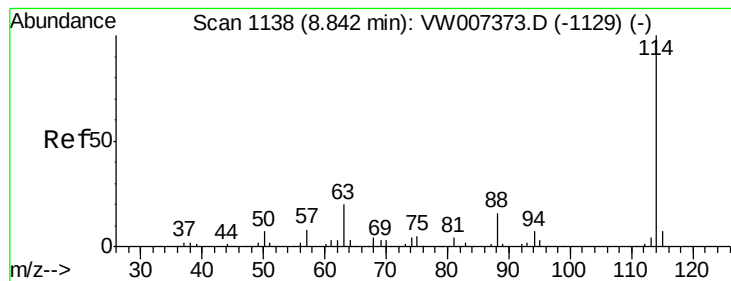
1,2-Dichloroethane-d4
 Concen: 36.985 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007494.D
 Acq: 13 Dec 2018 17:46

Tgt Ion: 65 Resp: 37154
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VW007494.D

Acq: 13 Dec 2018 17:46

Instrument :

MSVOA_W

ClientSampled :

S32-0634

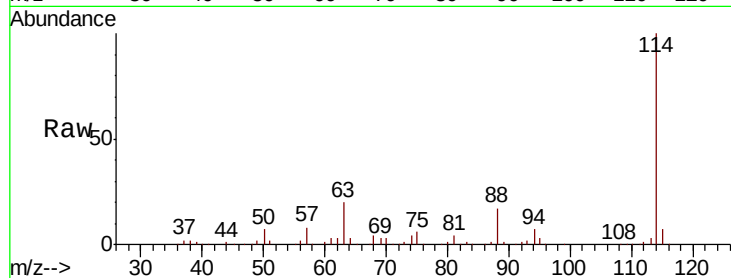
Tot Ion:114 Resp: 154405

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

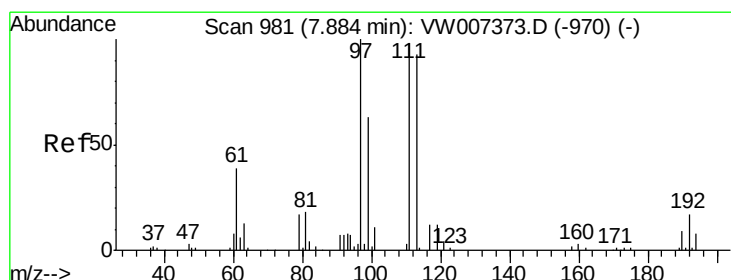
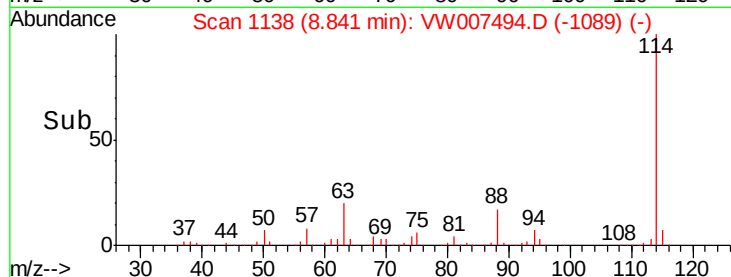
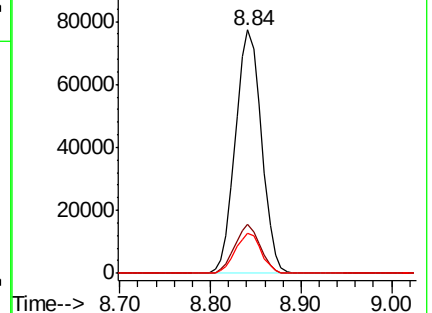
88 16.6 0.0 31.4



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: 36.758 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007494.D

Acq: 13 Dec 2018 17:46

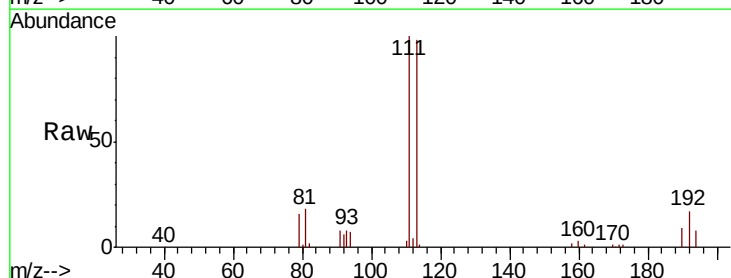
Tgt Ion:113 Resp: 34357

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

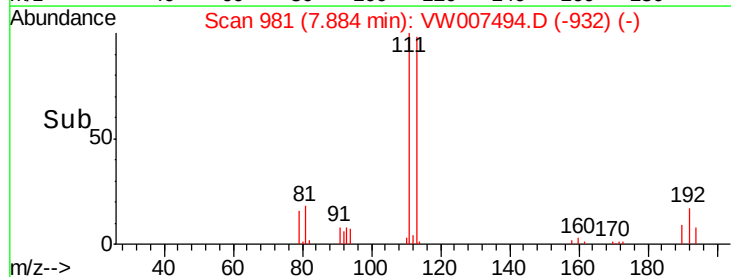
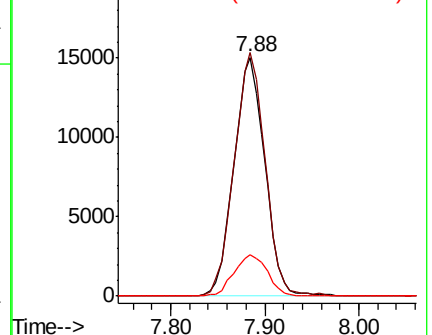
192 18.6 14.6 21.8

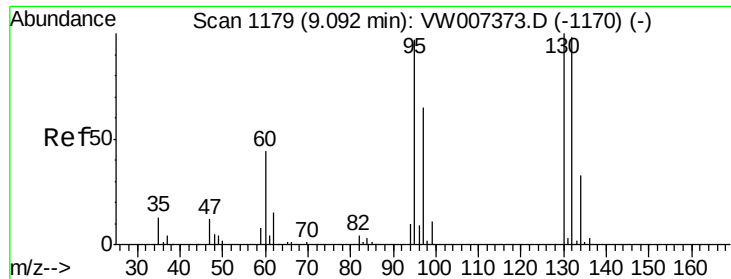


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 32.345 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007494.D

Acq: 13 Dec 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

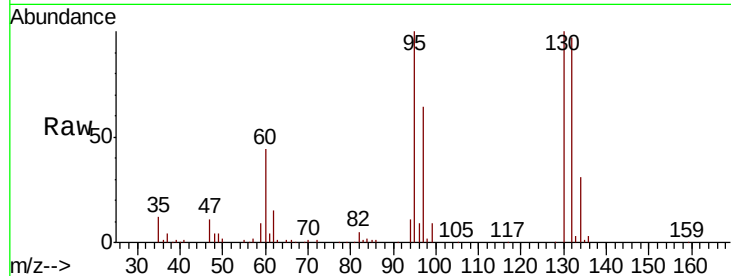
S32-0634

Tot Ion:130 Resp: 36105

Ion Ratio Lower Upper

130 100

95 99.4 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

20000

15000

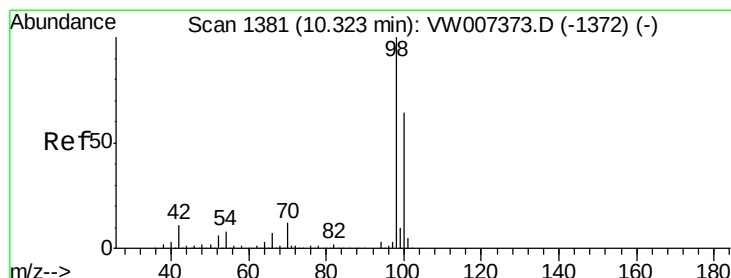
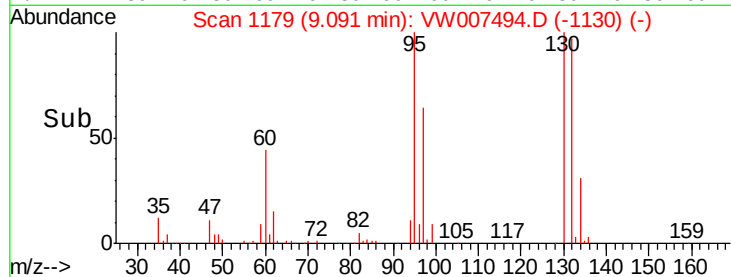
10000

5000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 35.910 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007494.D

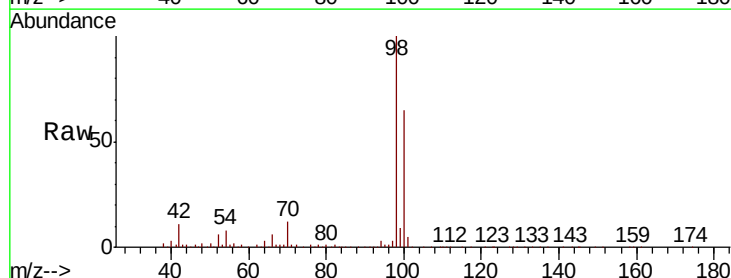
Acq: 13 Dec 2018 17:46

Tgt Ion: 98 Resp: 125848

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

80000

60000

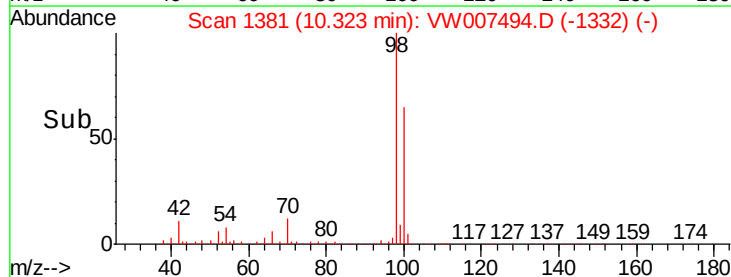
40000

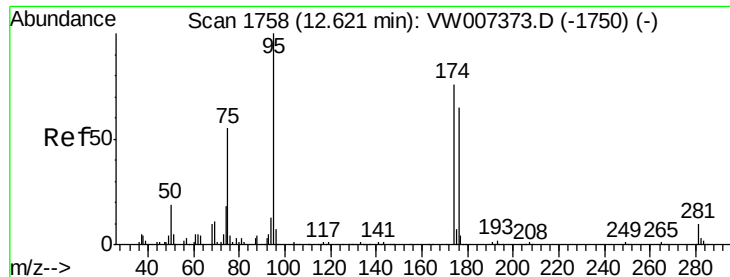
20000

0

Time-->

10.20 10.30 10.40

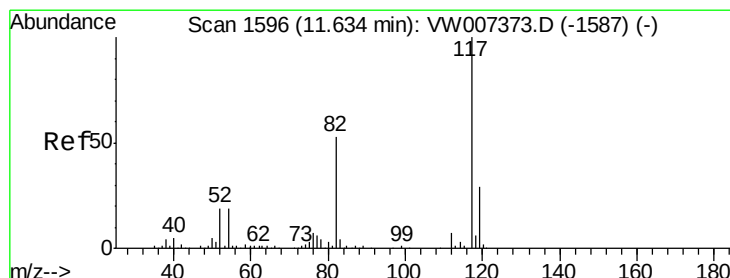
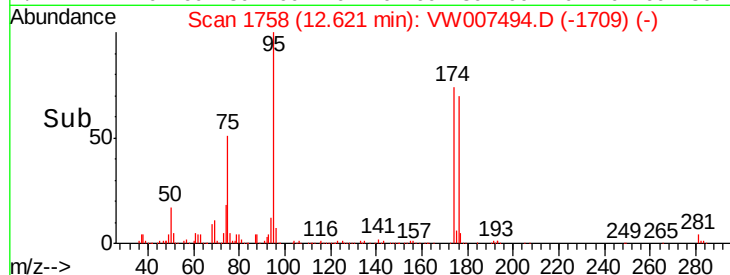
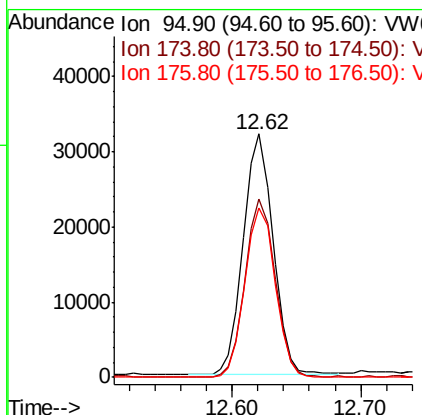
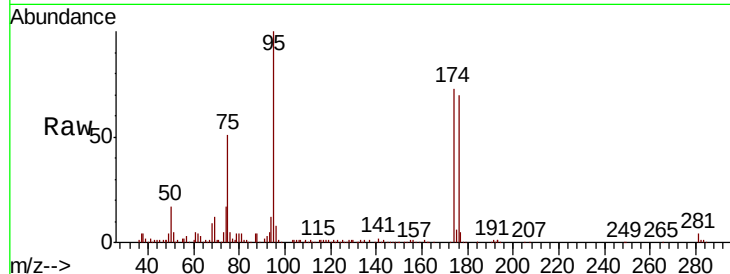




#62
4-Bromofluorobenzene
Concen: 40.134 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007494.D
Acq: 13 Dec 2018 17:46

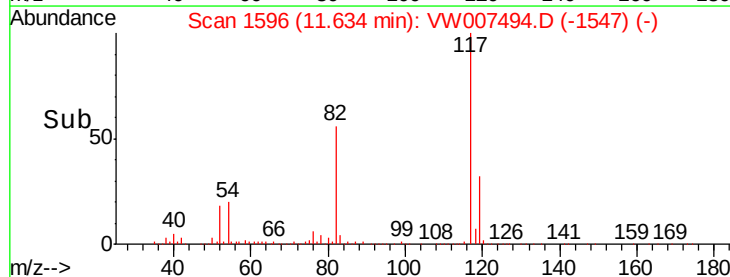
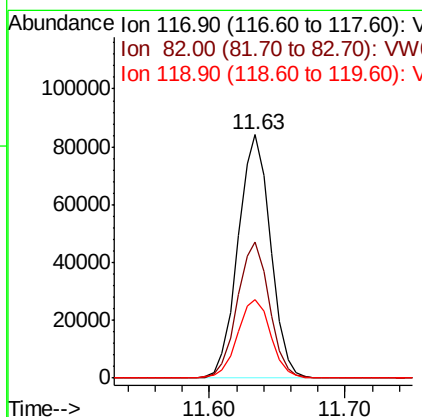
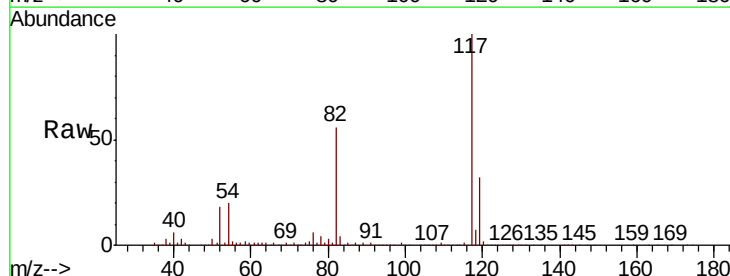
Instrument :
MSVOA_W
ClientSampleId :
S32-0634

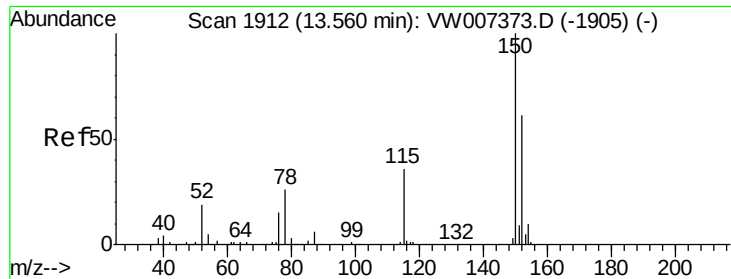
Tot Ion: 95 Resp: 51714
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.2
176 71.0 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007494.D
Acq: 13 Dec 2018 17:46

Tgt Ion: 117 Resp: 139342
Ion Ratio Lower Upper
117 100
82 56.0 42.3 63.5
119 31.8 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: VW007494.D

Acq: 13 Dec 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

S32-0634

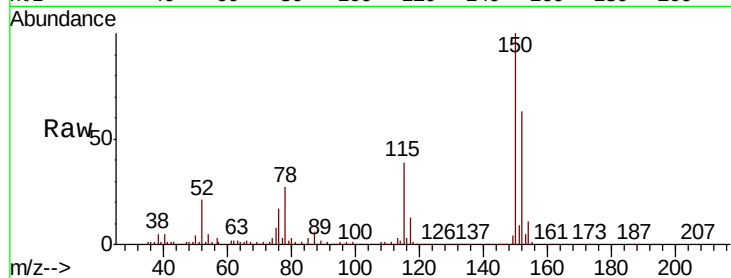
Tot Ion:152 Resp: 68556

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.2

150 156.6 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

