

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
 Data File : VW012824.D
 Acq On : 09 Sep 2019 16:24
 Operator : SY/VA
 Sample : K4760-08
 Misc : 6.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

Quant Time: Sep 16 07:48:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

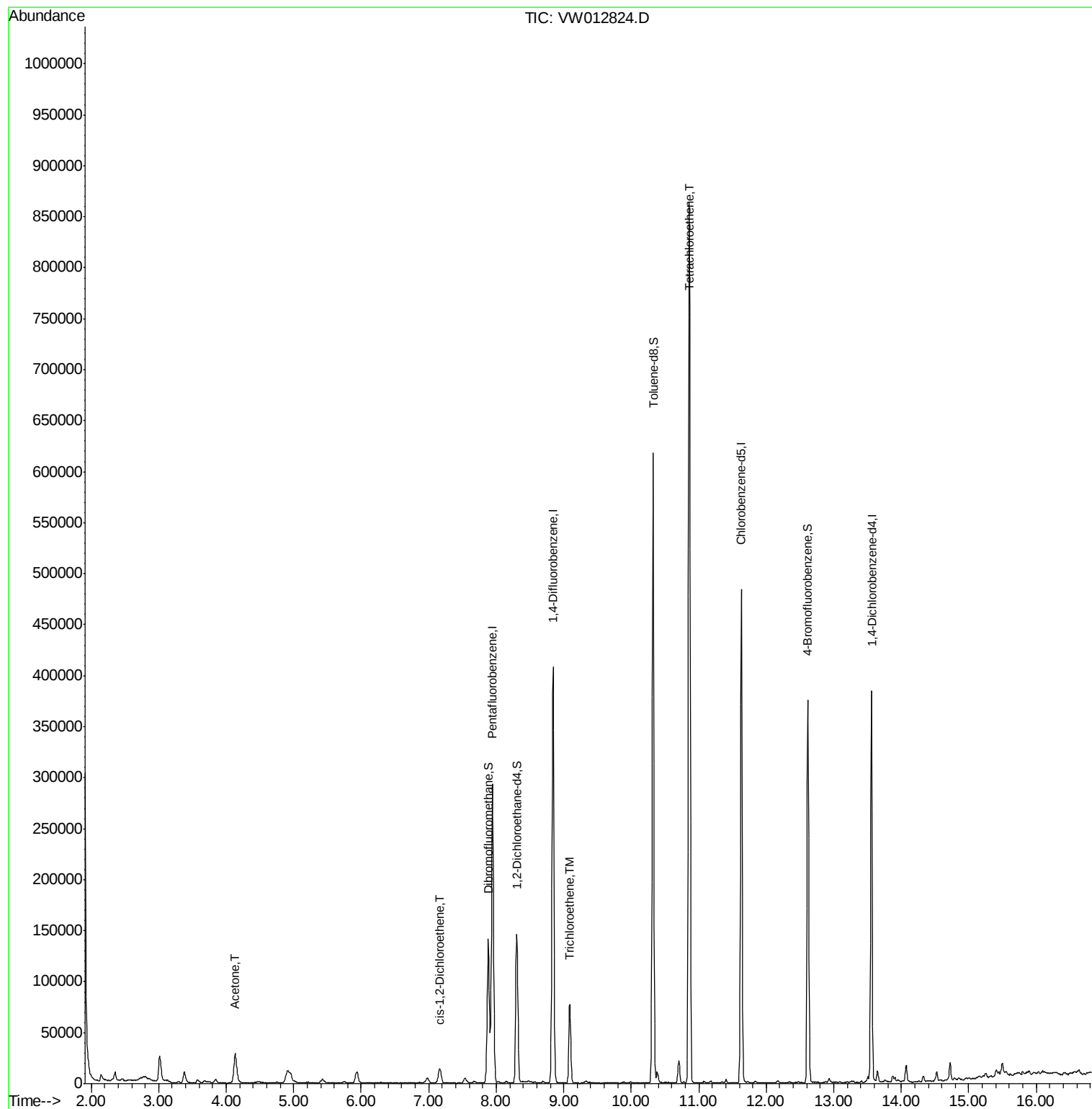
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120683	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.88	113	99572	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.32	98	391744	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	115042	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
16) Acetone	4.14	43	58354	86.347	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	7132	3.290	ug/l	84
44) Trichloroethene	9.09	130	27499	12.906	ug/l	87
64) Tetrachloroethene	10.86	164	202455	125.391	ug/l	96

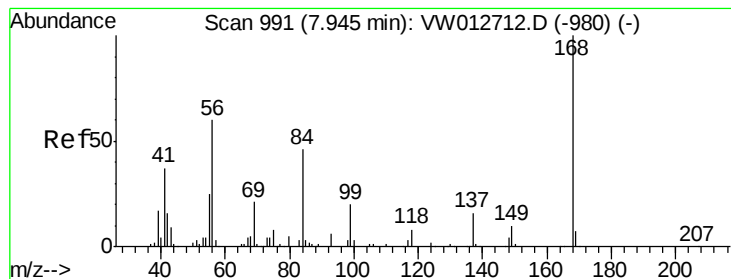
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012824.D

Acq: 09 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

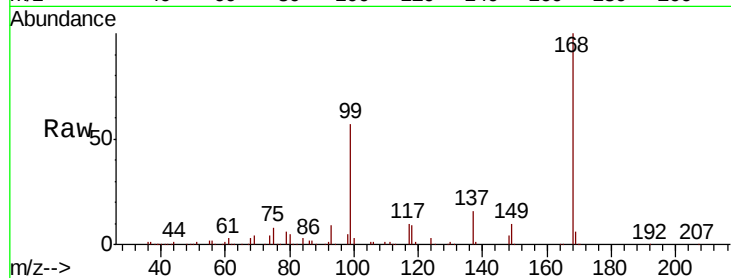
WEST-SIDE-WALL-1

Tgt Ion:168 Resp: 221862

Ion Ratio Lower Upper

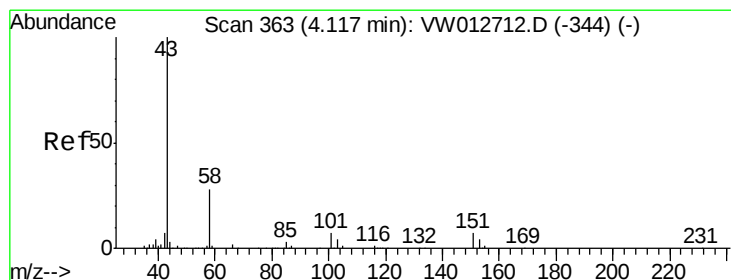
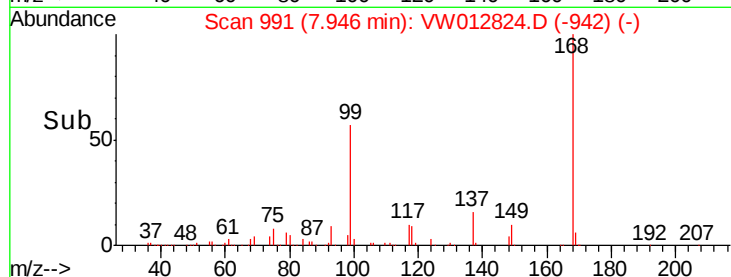
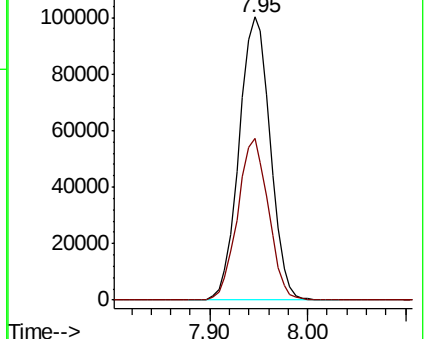
168 100

99 56.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 86.347 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012824.D

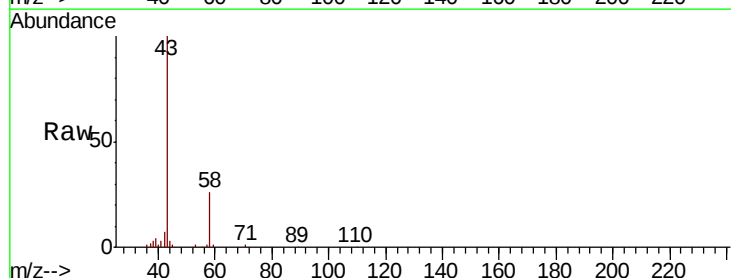
Acq: 09 Sep 2019 16:24

Tgt Ion: 43 Resp: 58354

Ion Ratio Lower Upper

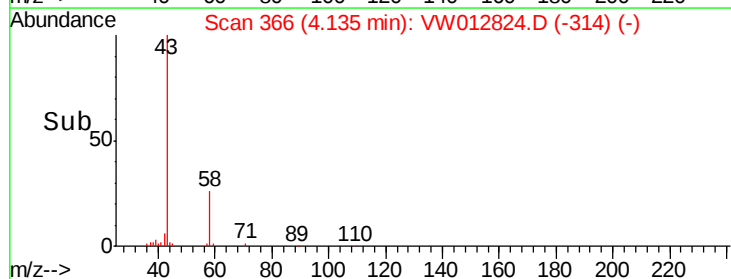
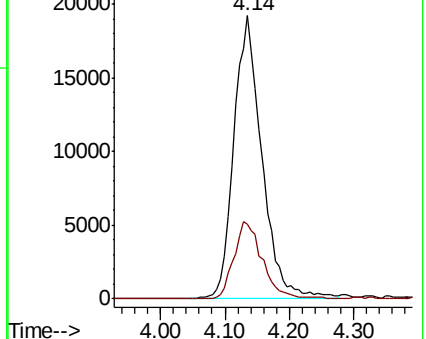
43 100

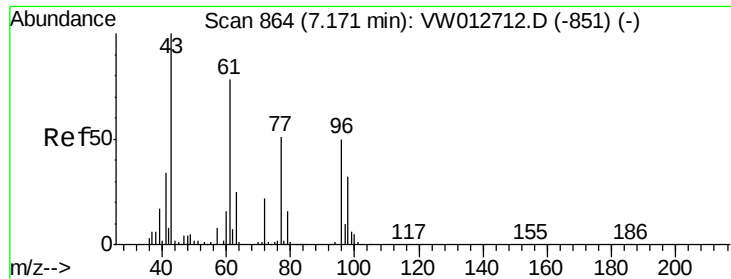
58 26.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



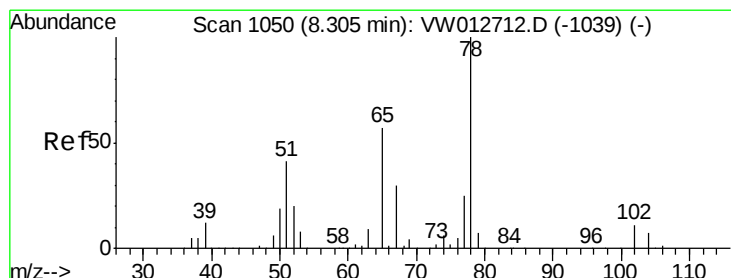
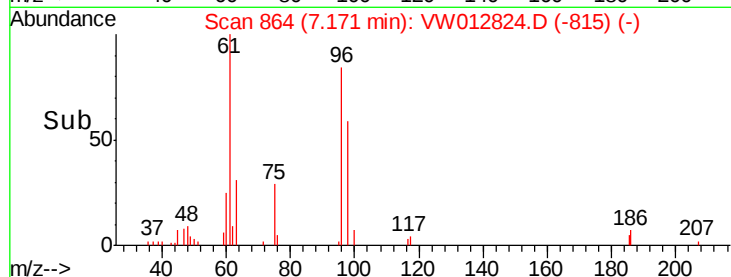
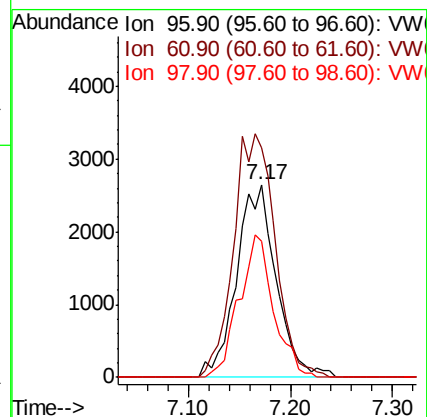
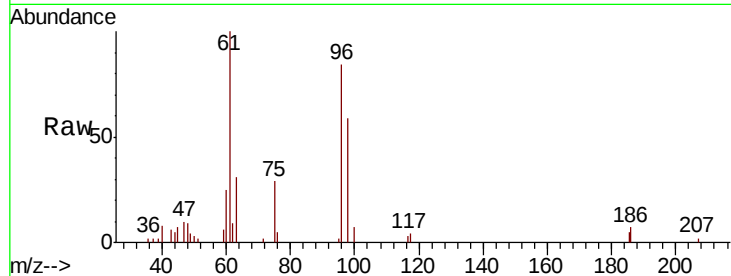


#27

cis-1,2-Dichloroethene
 Concen: 3.290 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW012824.D
 Acq: 09 Sep 2019 16:24

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

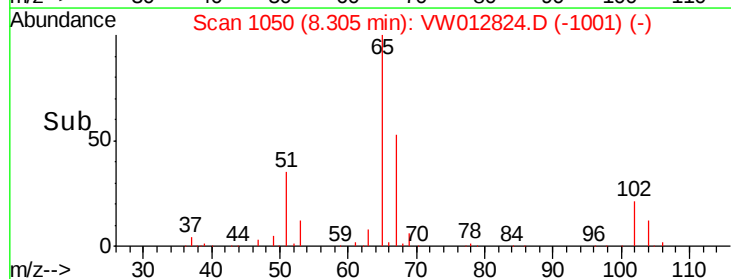
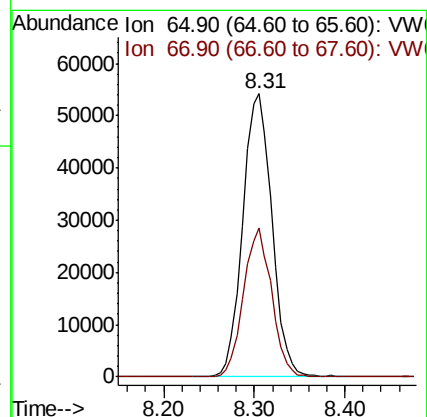
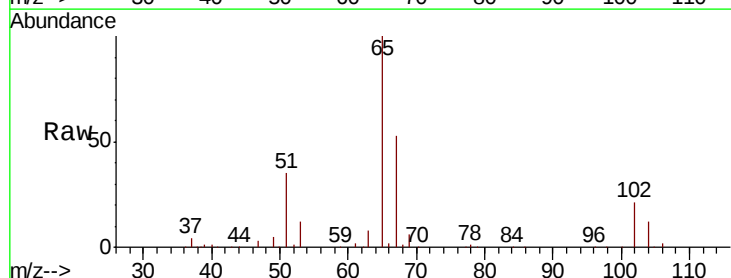
Tgt Ion: 96 Resp: 7132
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 325.8
 98 64.1 0.0 127.0

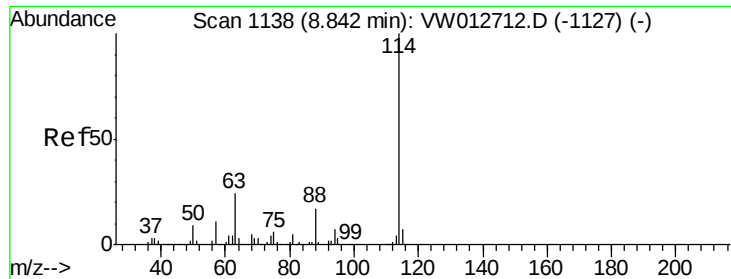


#33

1,2-Dichloroethane-d4
 Concen: 48.683 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012824.D
 Acq: 09 Sep 2019 16:24

Tgt Ion: 65 Resp: 120683
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8

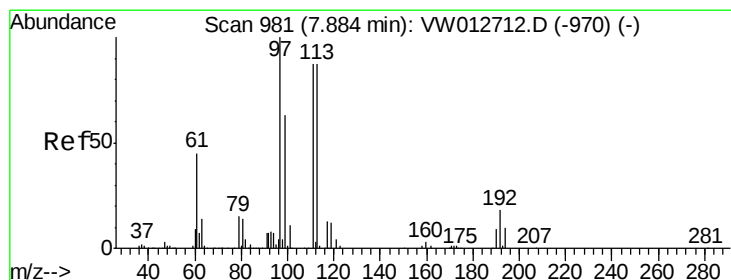
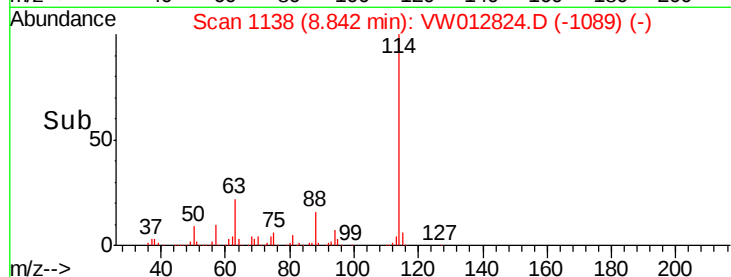
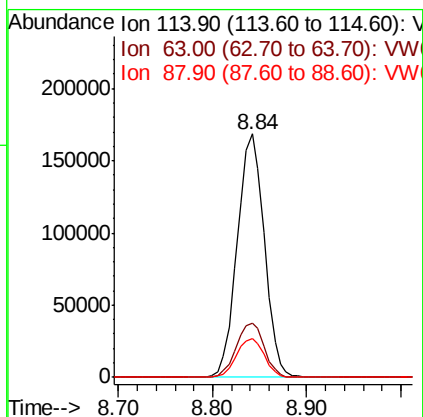
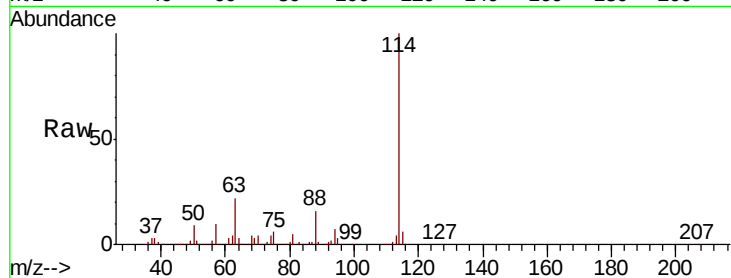




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012824.D
 Acq: 09 Sep 2019 16:24

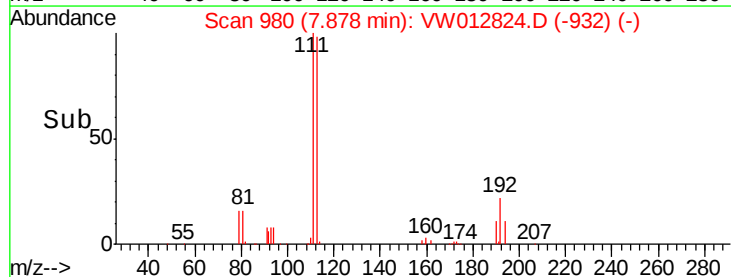
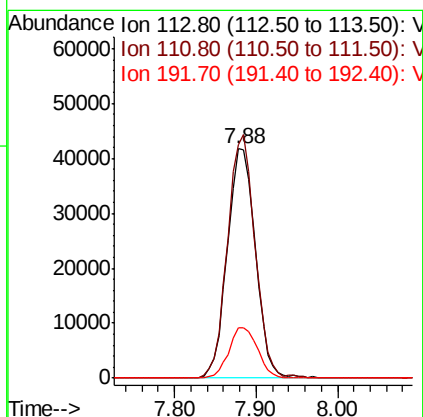
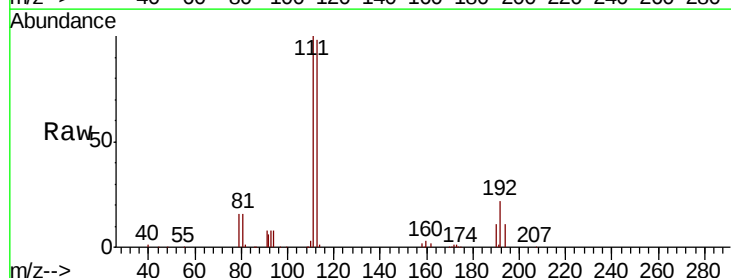
Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-1

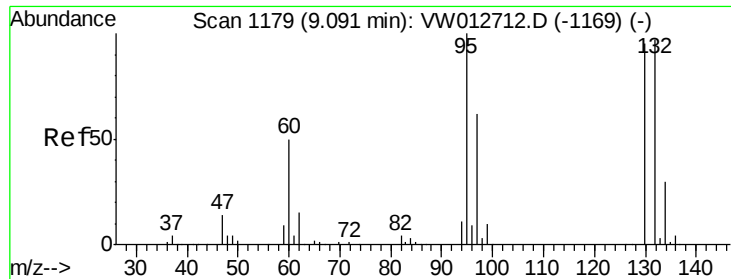
Tgt Ion:114 Resp: 335302
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.2
 88 15.8 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 49.949 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012824.D
 Acq: 09 Sep 2019 16:24

Tgt Ion:113 Resp: 99572
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.2 120.4
 192 22.3 17.3 25.9





#44

Trichloroethene

Concen: 12.906 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012824.D

Acq: 09 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

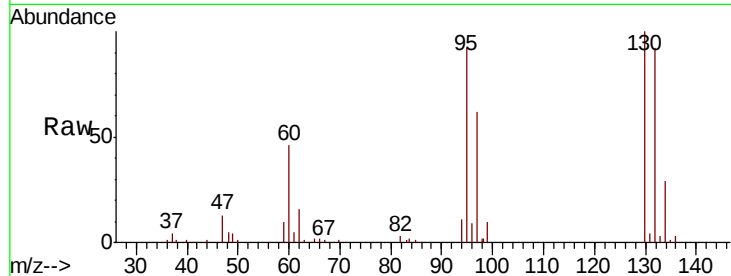
WEST-SIDE-WALL-1

Tgt Ion:130 Resp: 27499

Ion Ratio Lower Upper

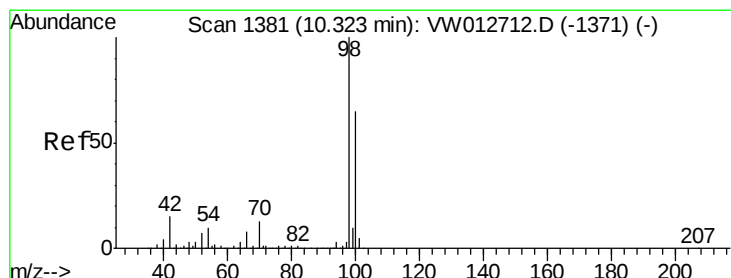
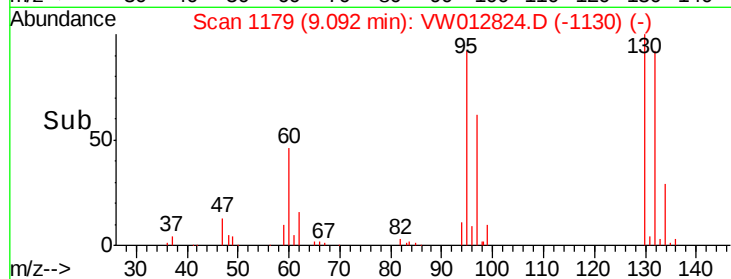
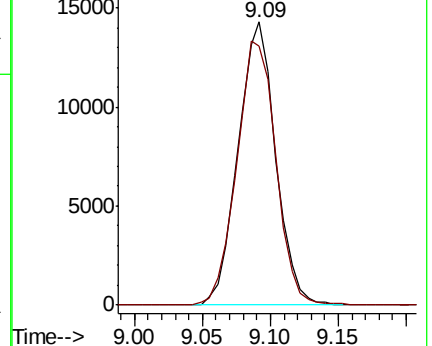
130 100

95 91.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 50.160 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012824.D

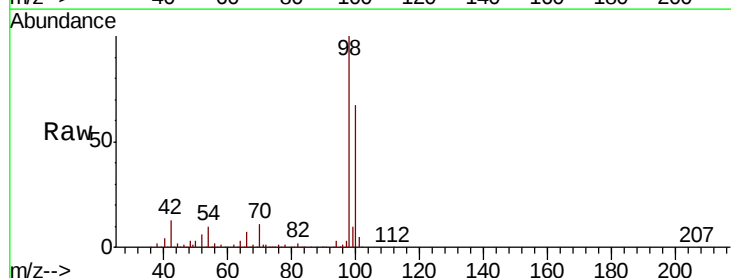
Acq: 09 Sep 2019 16:24

Tgt Ion: 98 Resp: 391744

Ion Ratio Lower Upper

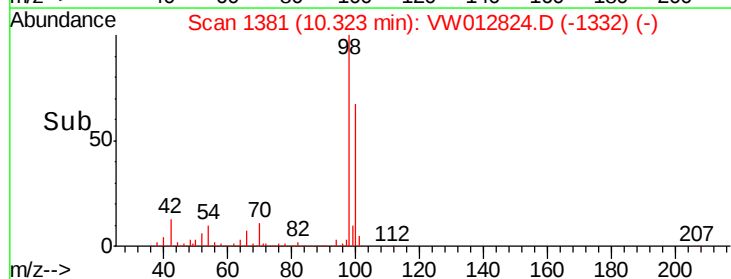
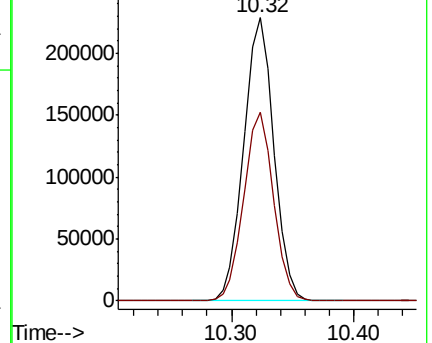
98 100

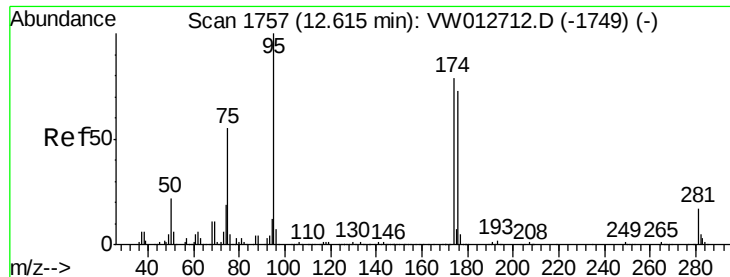
100 65.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

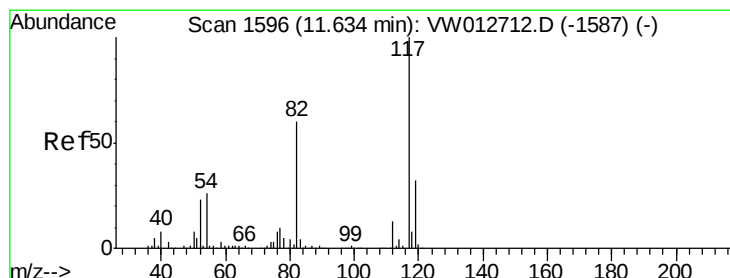
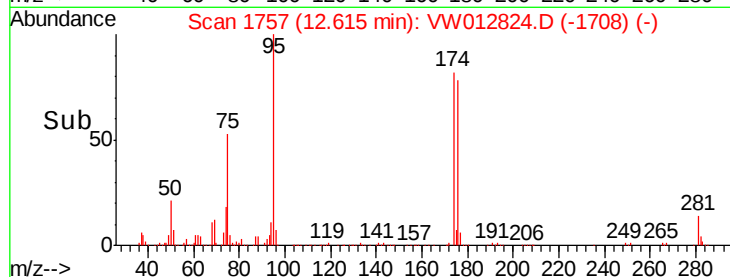
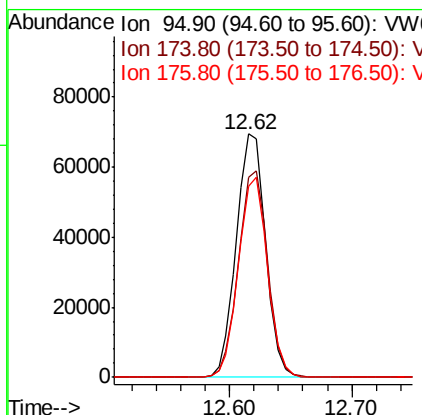
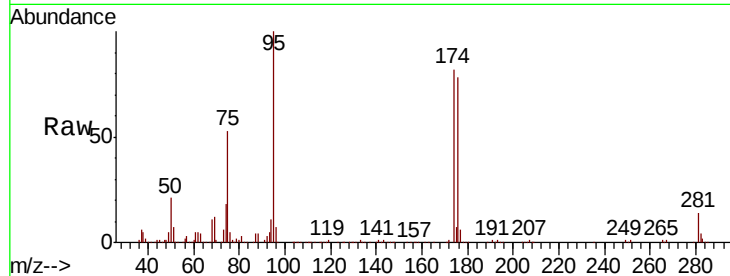




#62
4-Bromofluorobenzene
Concen: 40.576 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012824.D
Acq: 09 Sep 2019 16:24

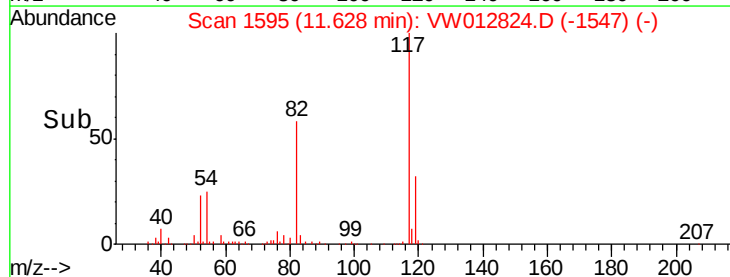
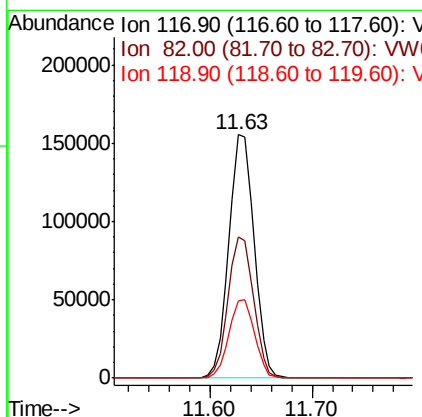
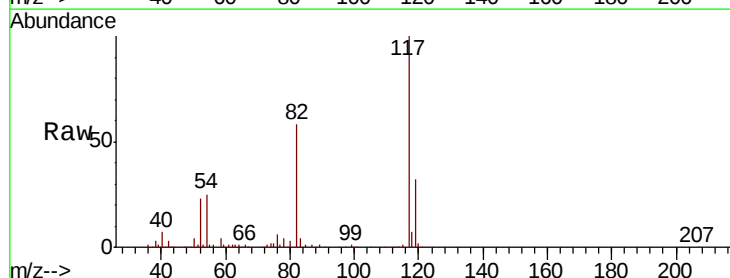
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-1

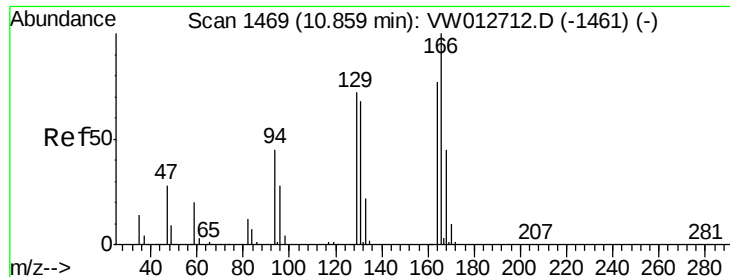
Tgt Ion: 95 Resp: 115042
Ion Ratio Lower Upper
95 100
174 85.0 0.0 161.0
176 81.4 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012824.D
Acq: 09 Sep 2019 16:24

Tgt Ion: 117 Resp: 266092
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 31.9 25.8 38.6





#64

Tetrachloroethene

Concen: 125.391 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW012824.D

Acq: 09 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

WEST-SIDE-WALL-1

Tgt Ion:164 Resp: 202455

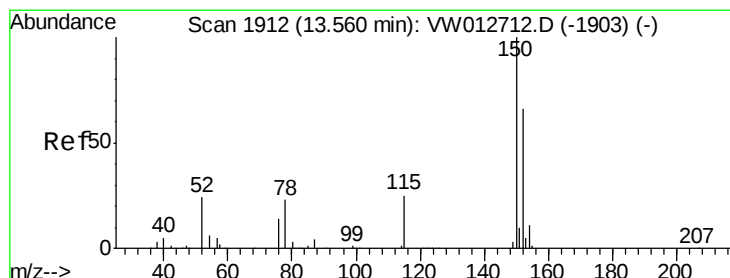
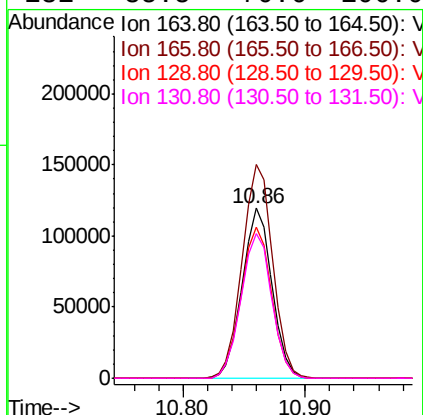
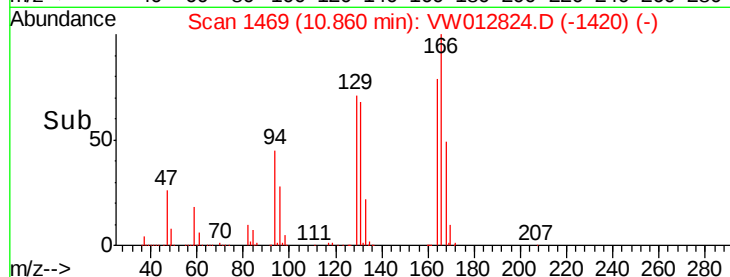
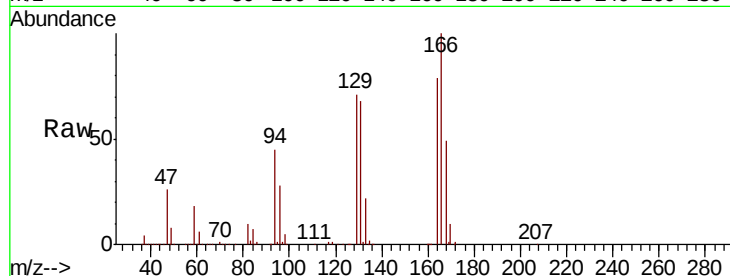
Ion Ratio Lower Upper

164 100

166 125.8 103.6 155.4

129 88.8 74.6 112.0

131 85.5 70.6 106.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012824.D

Acq: 09 Sep 2019 16:24

Tgt Ion:152 Resp: 102097

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.1

150 154.0 0.0 349.0

