

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012549.D
 Acq On : 03 Sep 2019 16:22
 Operator : SY/VA
 Sample : K4550-01
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-2.0-2.5-082619

Quant Time: Sep 03 19:11:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

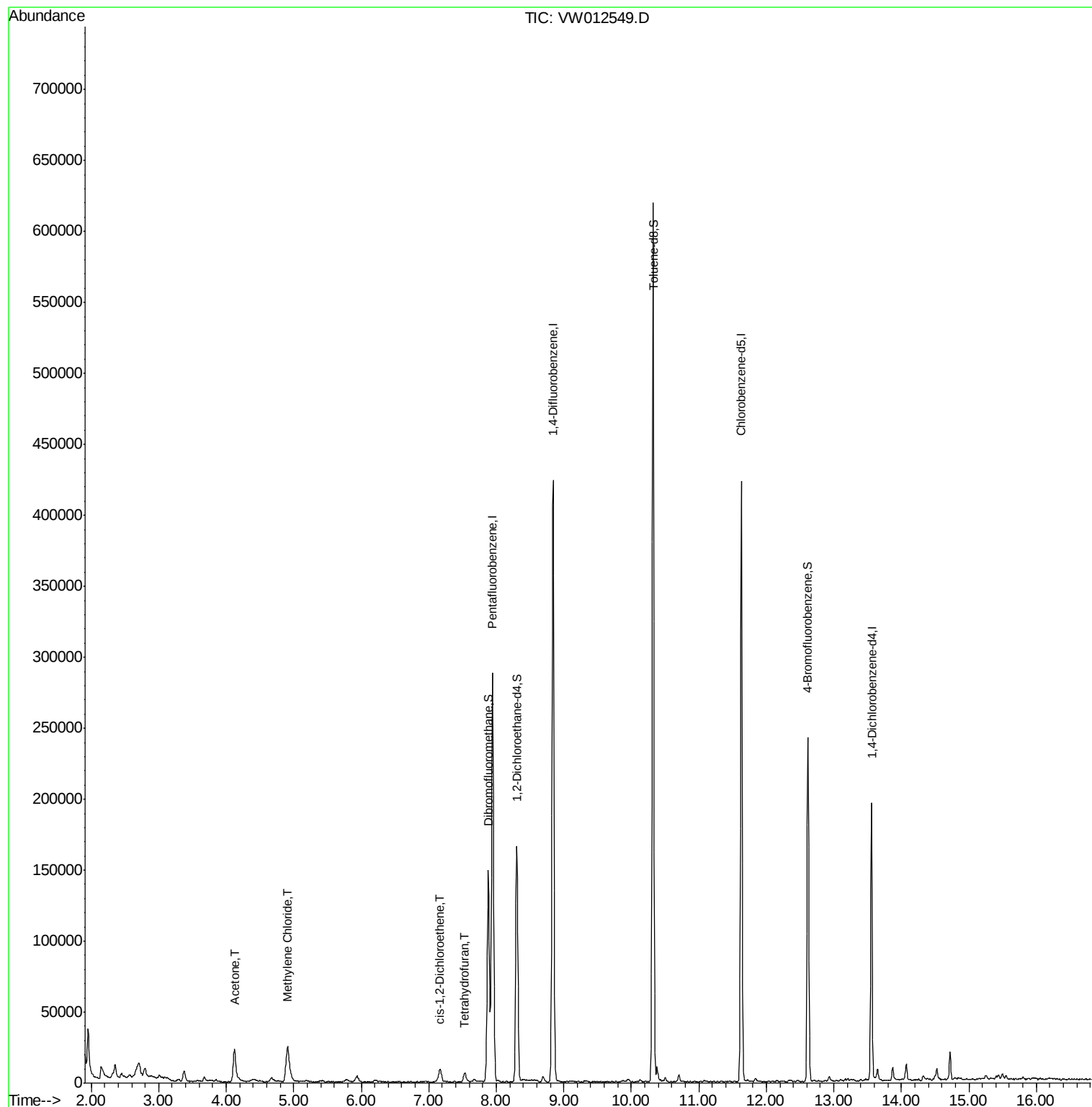
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	222880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132626	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	7.88	113	106860	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.32	98	386948	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.62	95	77484	26.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.98%	
Target Compounds						
16) Acetone	4.12	43	43117	67.000	ug/l	99
20) Methylene Chloride	4.91	84	18270	7.510	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	3619	1.487	ug/l	94
29) Tetrahydrofuran	7.53	42	5647	10.763	ug/l	98

(#) = 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: VW012549.D

Acq: 03 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

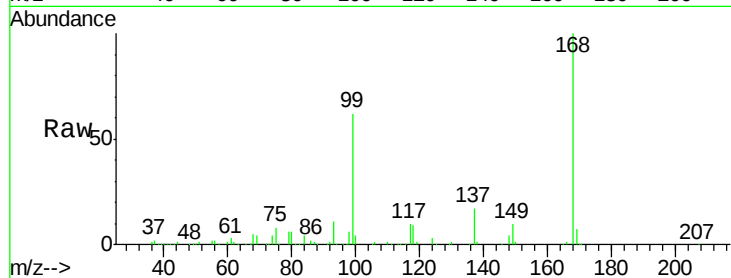
S402-K1-2.0-2.5-082619

Tot Ion:168 Resp: 211779

Ion Ratio Lower Upper

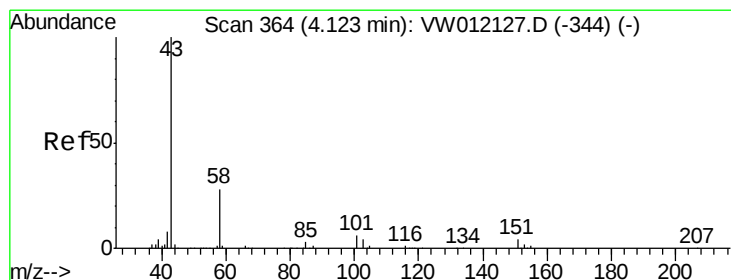
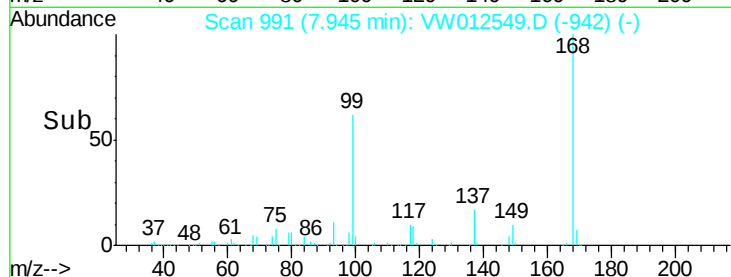
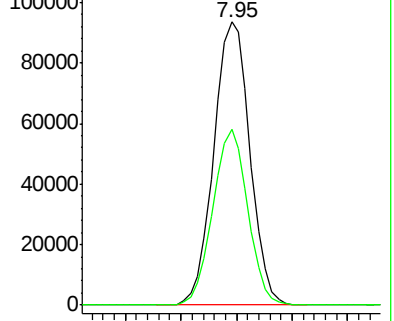
168 100

99 62.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.000 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012549.D

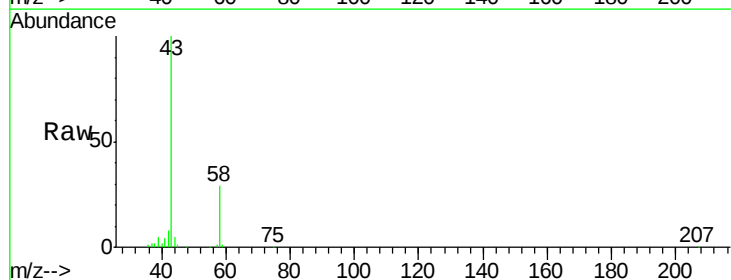
Acq: 03 Sep 2019 16:22

Tgt Ion: 43 Resp: 43117

Ion Ratio Lower Upper

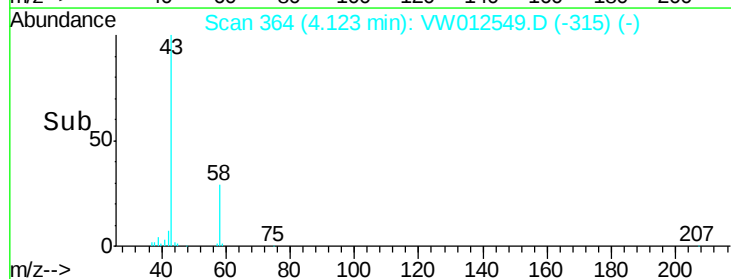
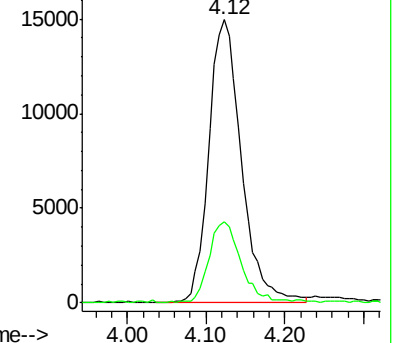
43 100

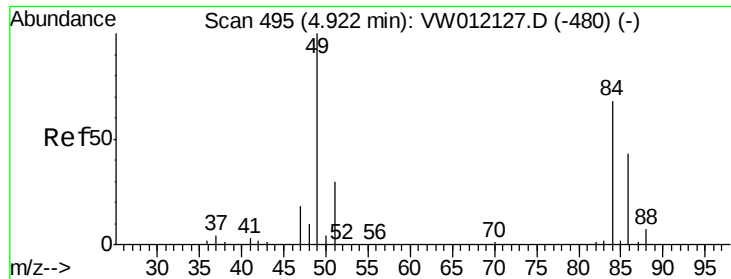
58 28.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

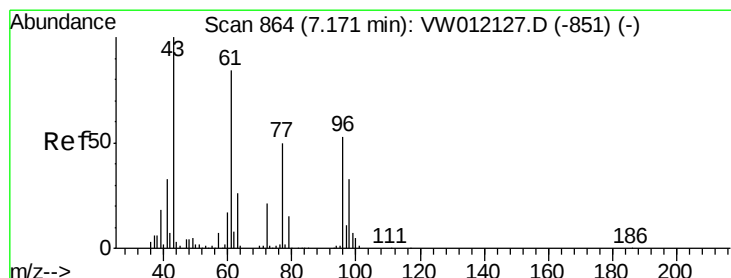
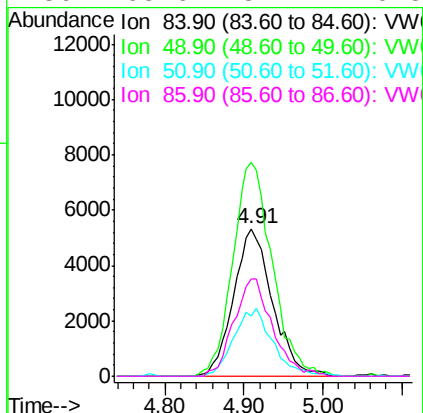
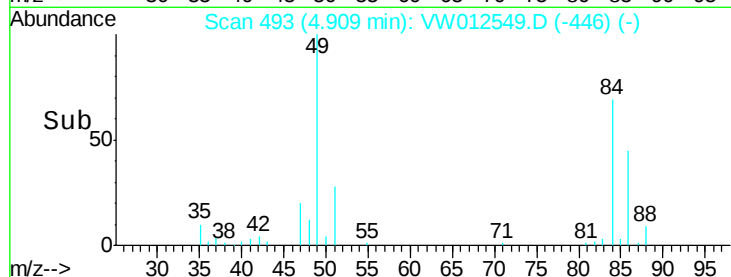
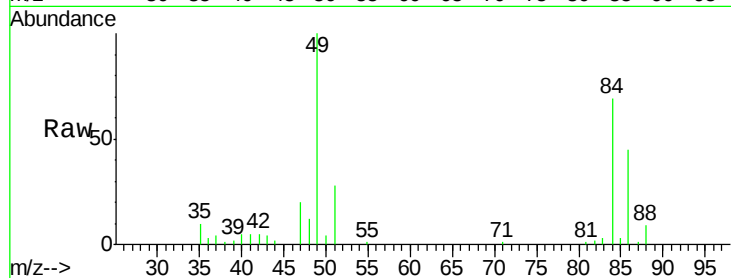




#20
Methvlene Chloride
Concen: 7.510 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012549.D
Acq: 03 Sep 2019 16:22

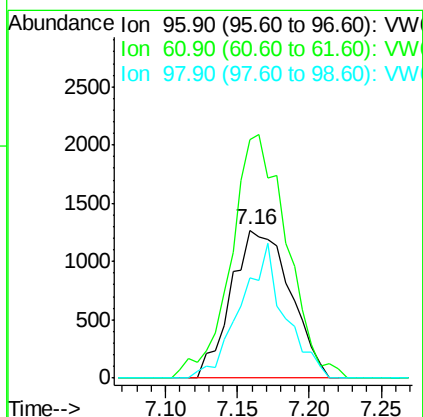
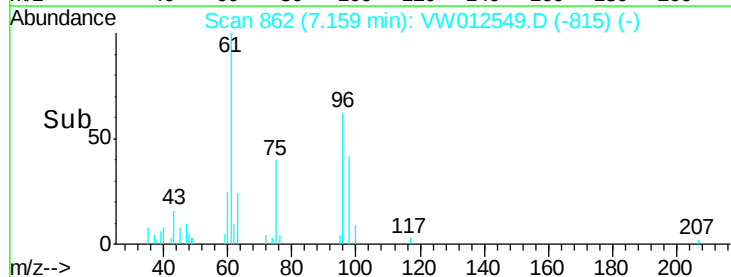
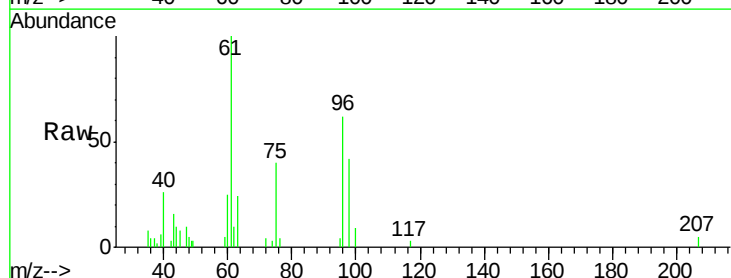
Instrument :
MSVOA_W
ClientSampleId :
S402-K1-2.0-2.5-082619

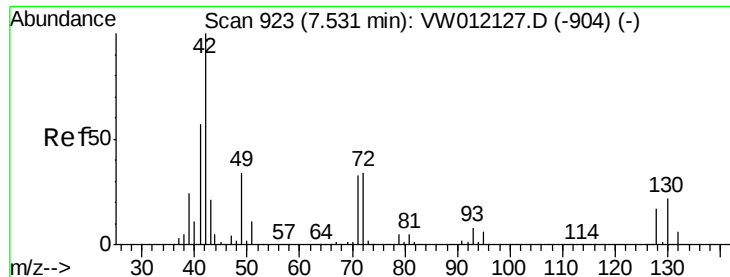
Tot Ion:	84	Resp:	18270
Ion	Ratio	Lower	Upper
84	100		
49	144.5	117.8	176.8
51	40.6	35.6	53.4
86	65.6	51.2	76.8



#27
cis-1,2-Dichloroethene
Concen: 1.487 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012549.D
Acq: 03 Sep 2019 16:22

Tgt Ion:	96	Resp:	3619
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	326.6
98	67.3	0.0	127.4

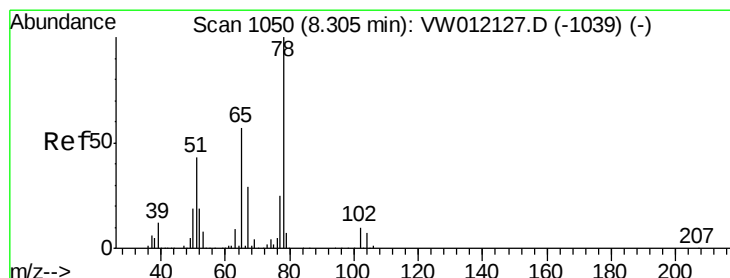
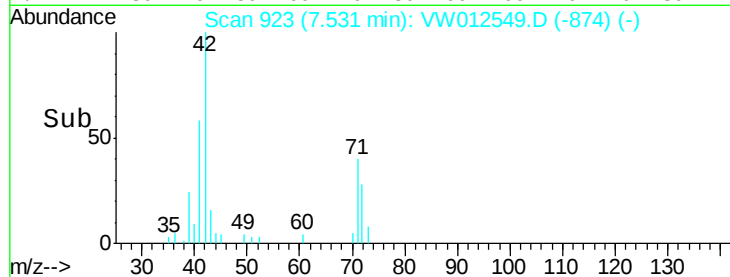
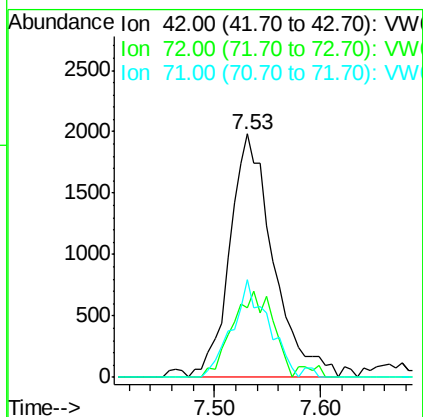
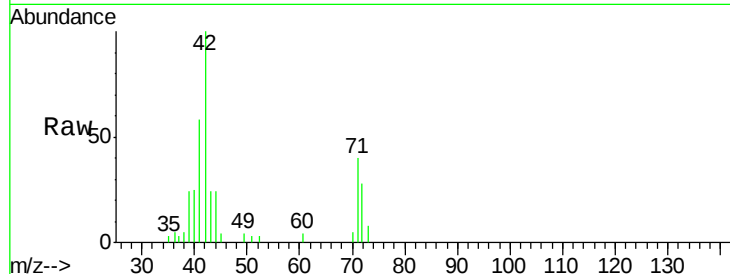




#29
Tetrahydrofuran
Concen: 10.763 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012549.D
Acq: 03 Sep 2019 16:22

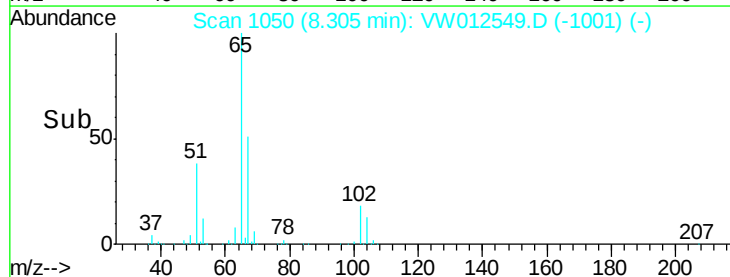
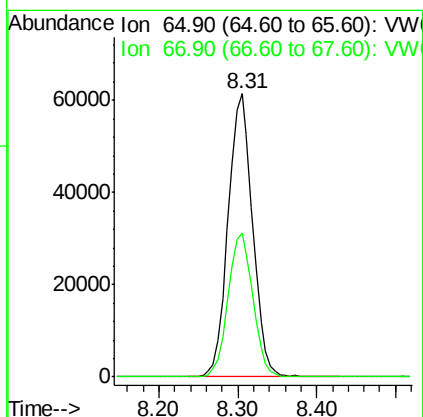
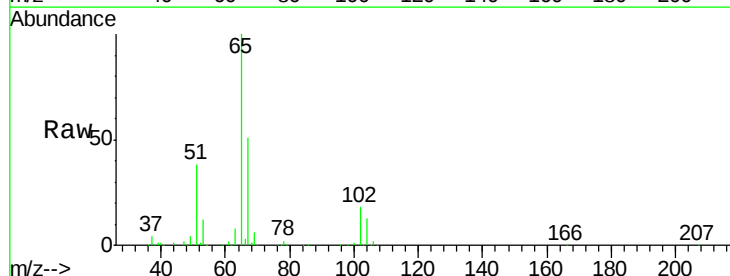
Instrument :
MSVOA_W
ClientSampleId :
S402-K1-2.0-2.5-082619

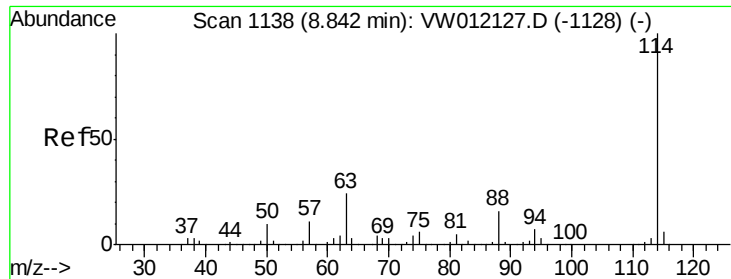
Tot Ion	Ratio	Lower	Upper
42	100		
72	33.3	27.3	40.9
71	33.3	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 52.681 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012549.D
Acq: 03 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

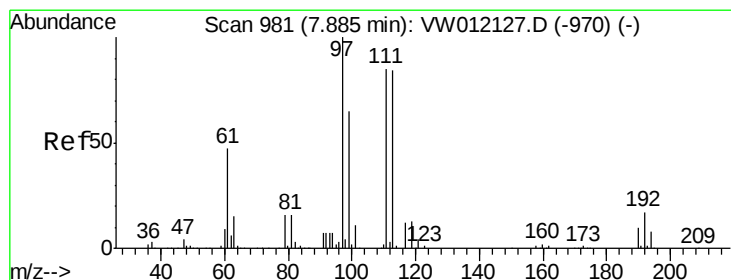
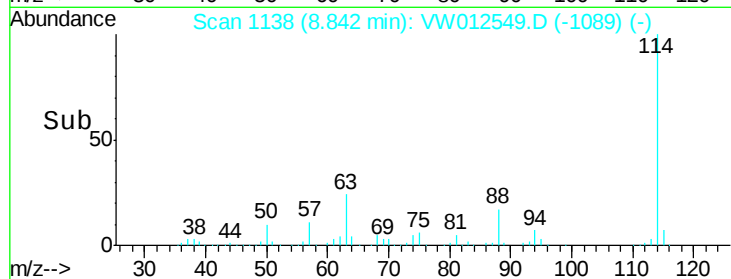
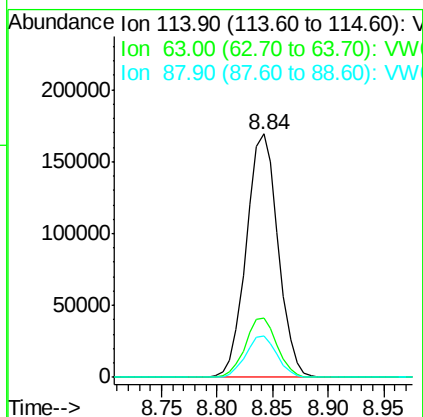
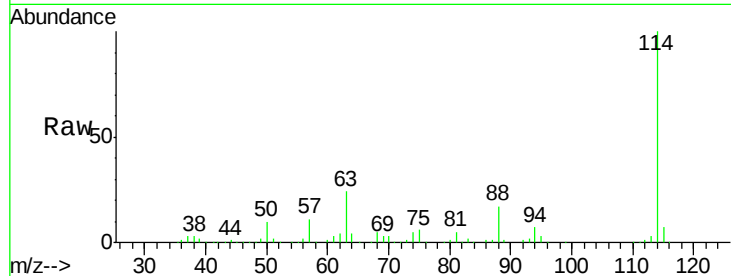




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012549.D
 Acq: 03 Sep 2019 16:22

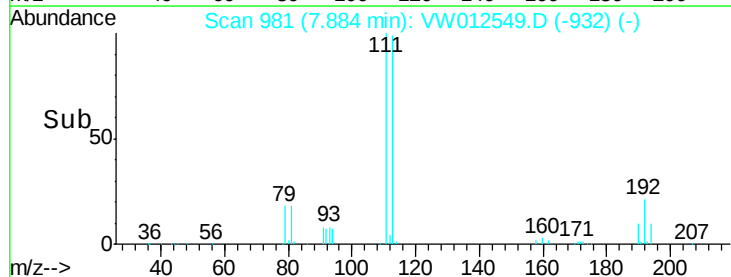
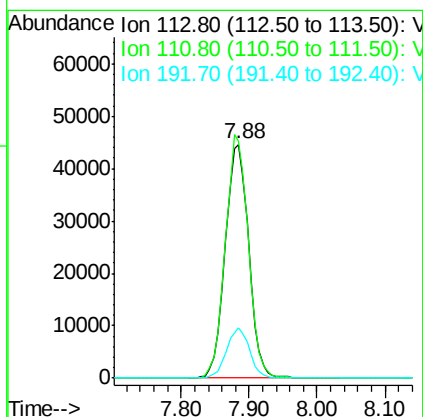
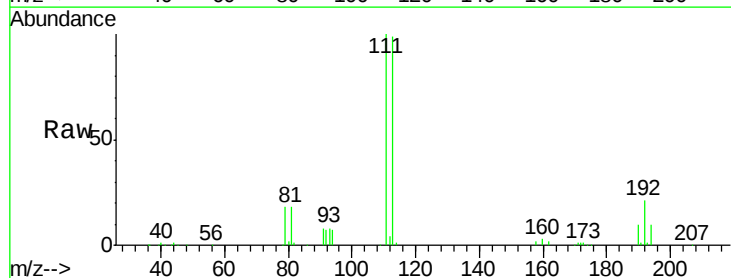
Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-2.0-2.5-082619

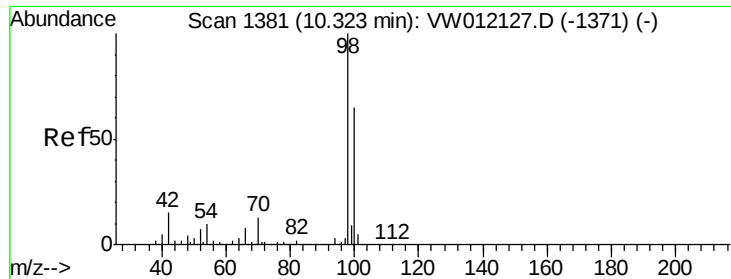
Tot Ion:114 Resp: 336472
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.8 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 53.206 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012549.D
 Acq: 03 Sep 2019 16:22

Tgt Ion:113 Resp: 106860
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.7 124.1
 192 20.7 16.2 24.2





#50

Toluene-d8

Concen: 47.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012549.D

Acq: 03 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

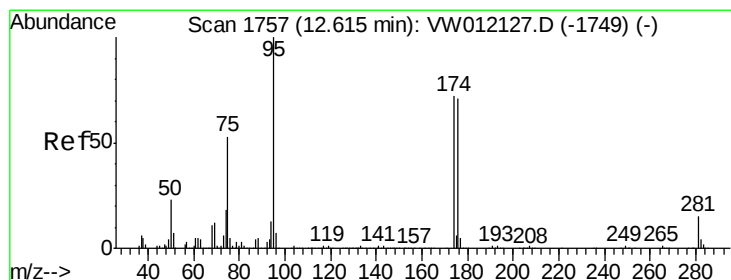
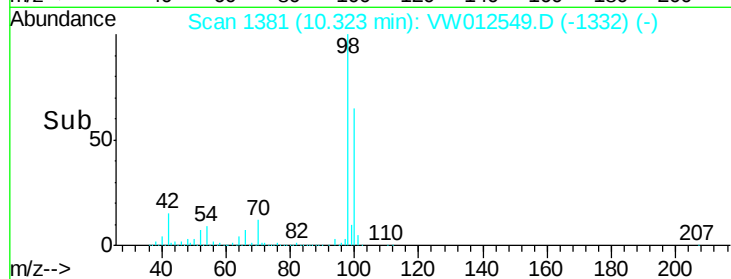
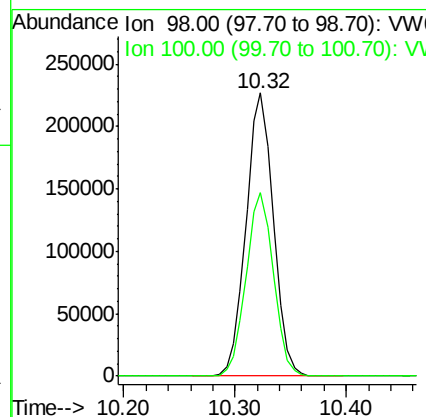
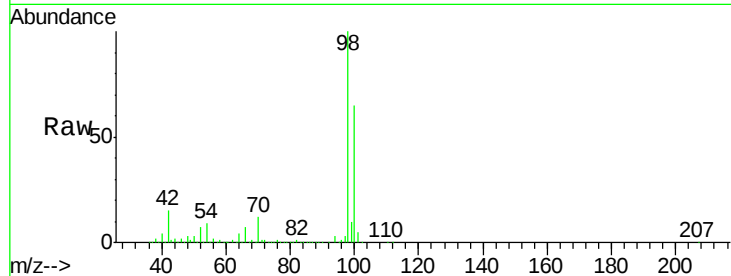
S402-K1-2.0-2.5-082619

Tot Ion: 98 Resp: 386948

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 26.992 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012549.D

Acq: 03 Sep 2019 16:22

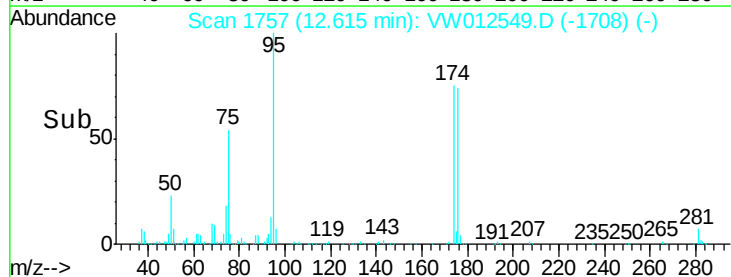
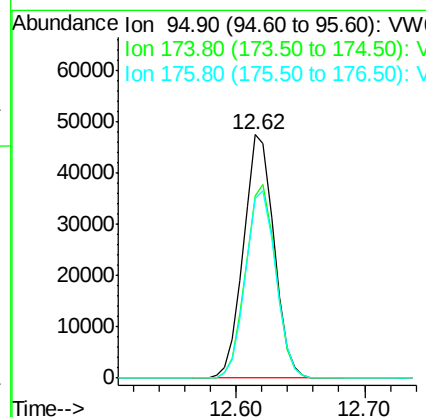
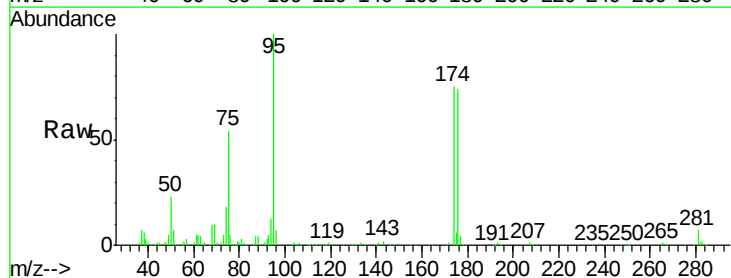
Tgt Ion: 95 Resp: 77484

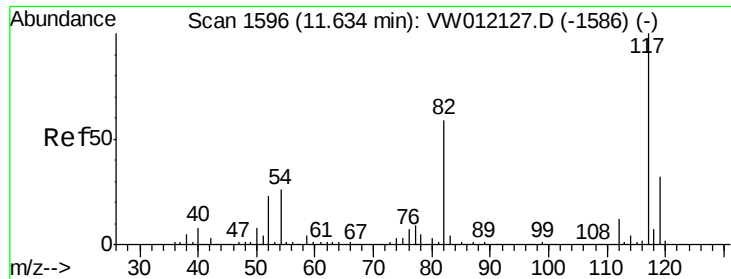
Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.8

176 76.5 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012549.D

Acq: 03 Sep 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

S402-K1-2.0-2.5-082619

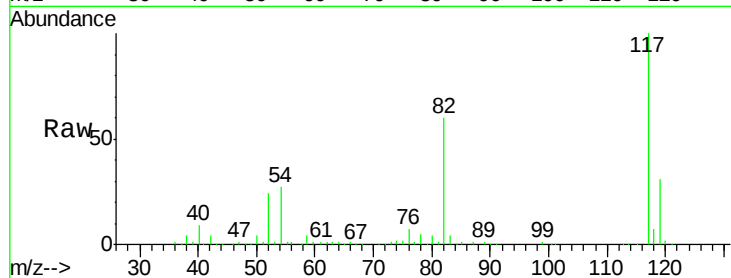
Tot Ion:117 Resp: 222880

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

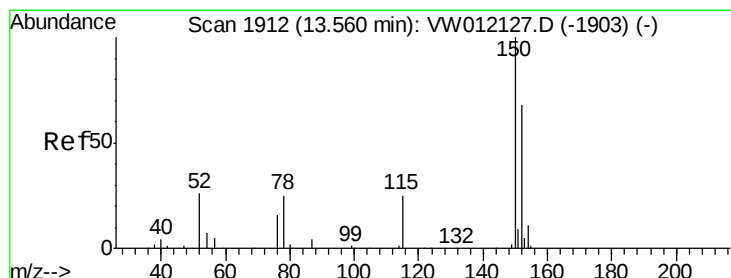
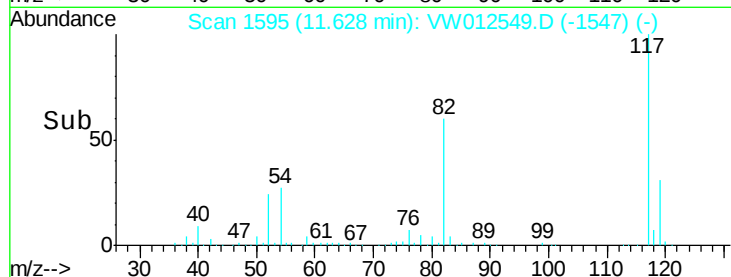
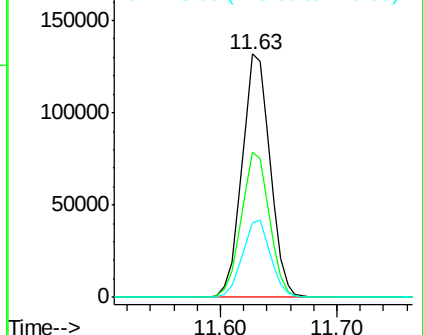
119 30.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012549.D

Acq: 03 Sep 2019 16:22

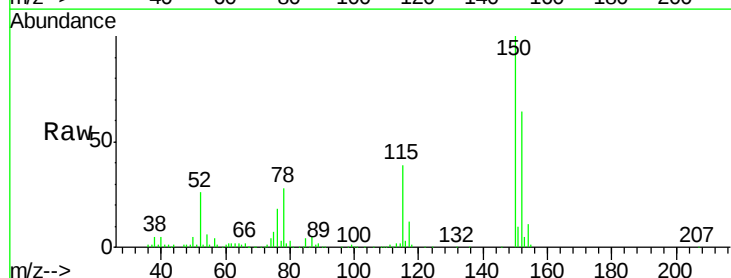
Tgt Ion:152 Resp: 48708

Ion Ratio Lower Upper

152 100

115 62.4 30.1 90.3

150 158.7 0.0 345.8



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

