

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007687.D
 Acq On : 19 Dec 2018 05:50
 Operator : SY/AP
 Sample : J6386-10
 Misc : 6.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0612-01

Quant Time: Dec 19 06:45:05 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

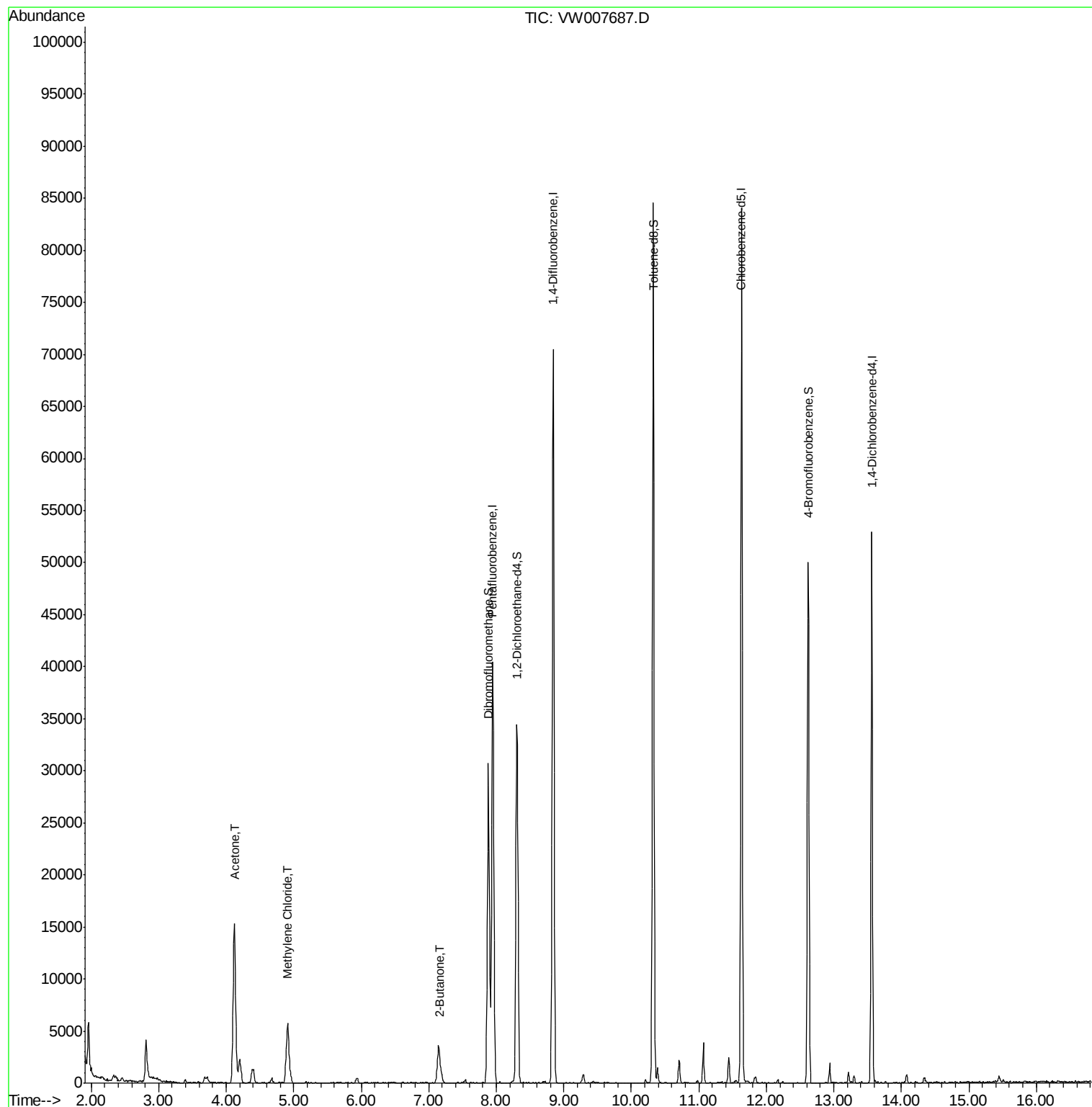
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29512	87.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	175.32%	
35) Dibromofluoromethane	7.88	113	21879	60.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.52%	
50) Toluene-d8	10.32	98	56646	41.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.22%	
62) 4-Bromofluorobenzene	12.62	95	16692	33.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.70%	
Target Compounds						
16) Acetone	4.12	43	26446	449.721	ug/l	99
20) Methylene Chloride	4.91	84	4600	11.270	ug/l	98
25) 2-Butanone	7.17	43	1589	20.698	ug/l #	79

(#) = 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# 992

Delta R.T. -0.00 min

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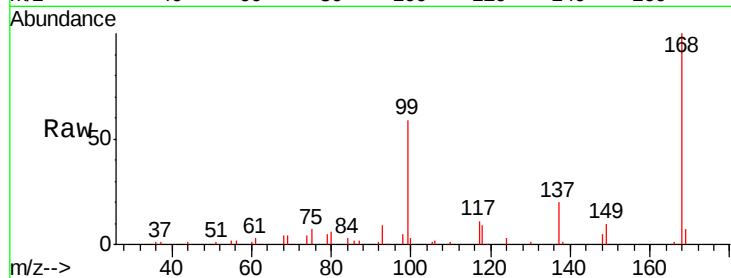
P001-SS006-0612-01

Tgt Ion:168 Resp: 30346

Ion Ratio Lower Upper

168 100

99 58.9 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

15000

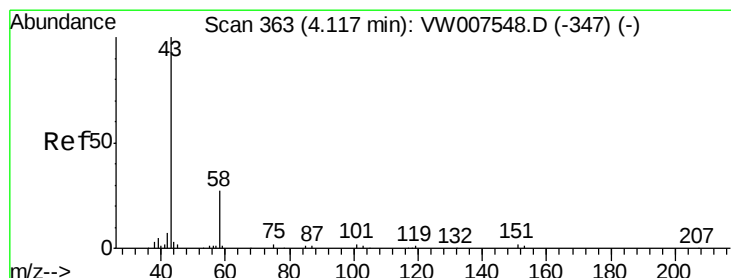
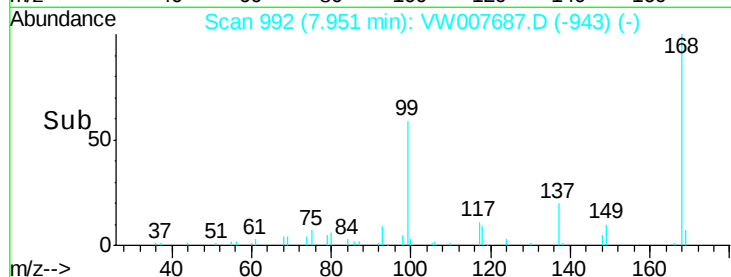
10000

5000

0

7.85 7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 449.721 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007687.D

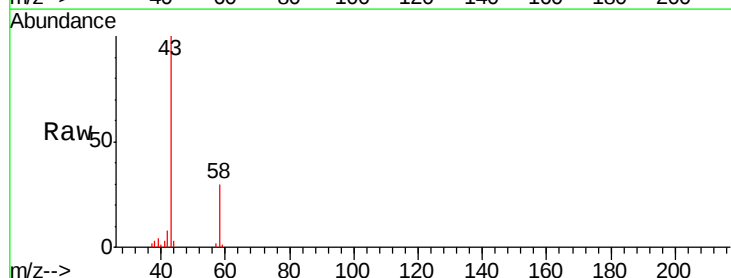
Acq: 19 Dec 2018 05:50

Tgt Ion: 43 Resp: 26446

Ion Ratio Lower Upper

43 100

58 30.3 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

10000

8000

6000

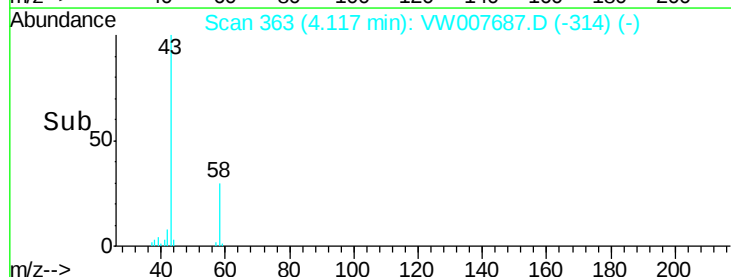
4000

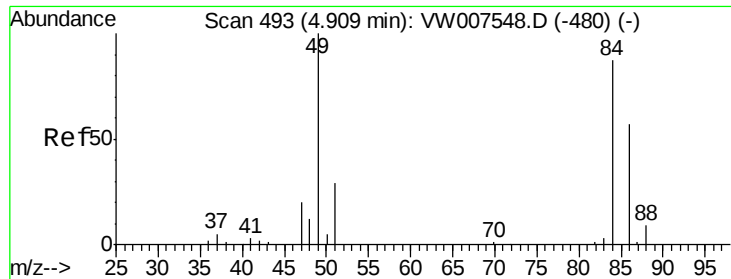
2000

0

4.00 4.10 4.20

Time-->

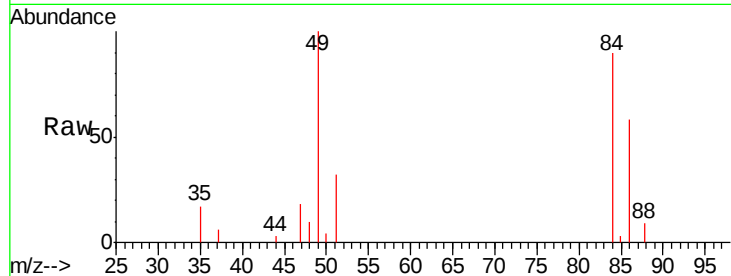




#20
Methylene Chloride
Concen: 11.270 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007687.D
Acq: 19 Dec 2018 05:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0612-01

Tgt Ion:	84	Resp:	4600
Ion	Ratio	Lower	Upper
84	100		
49	111.5	87.1	130.7
51	35.2	28.2	42.2
86	64.9	50.8	76.2

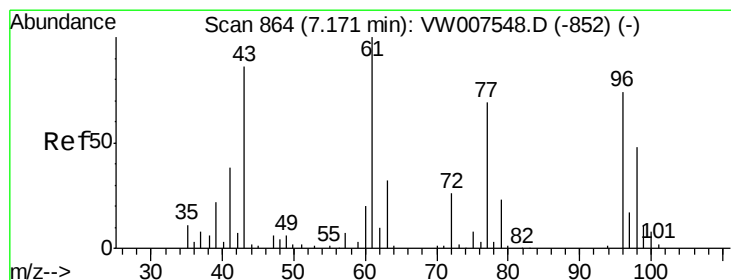
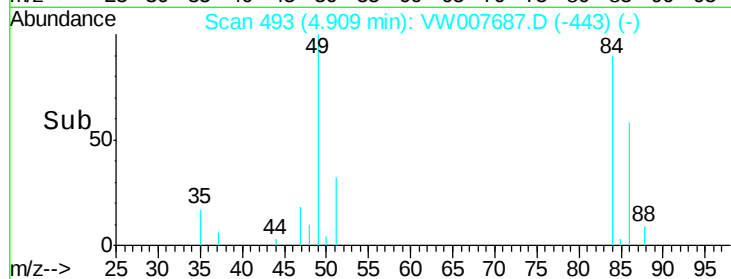
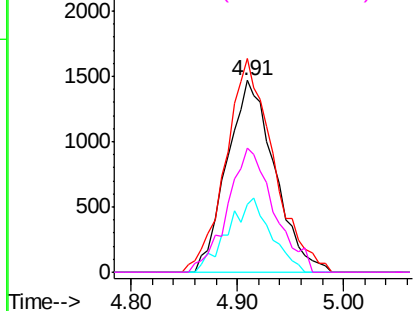


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

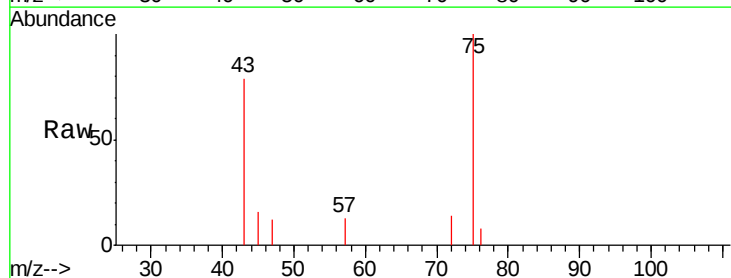
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



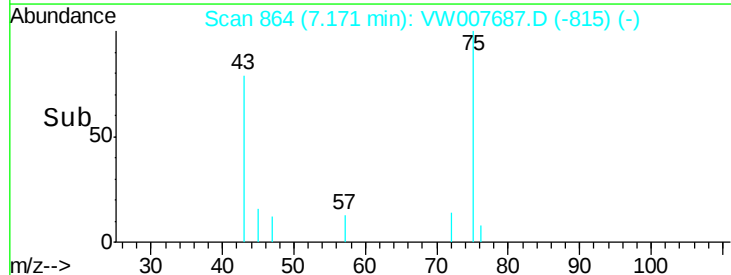
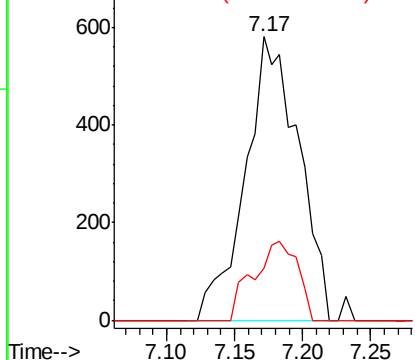
#25
2-Butanone
Concen: 20.698 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007687.D
Acq: 19 Dec 2018 05:50

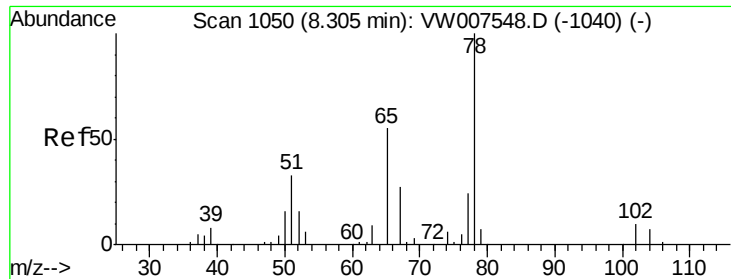
Tgt Ion:	43	Resp:	1589
Ion	Ratio	Lower	Upper
43	100		
72	18.2	23.4	35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

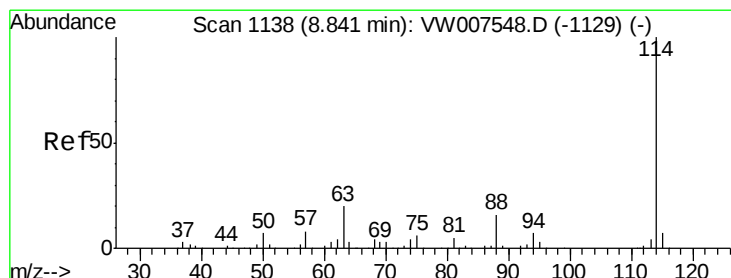
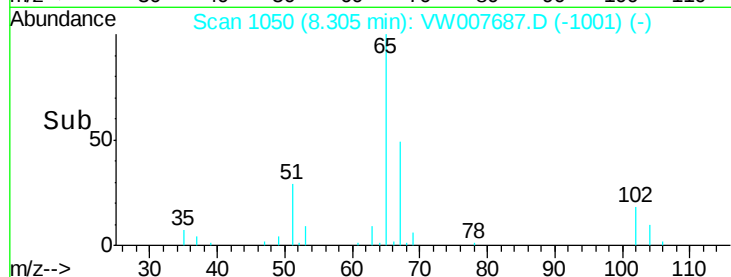
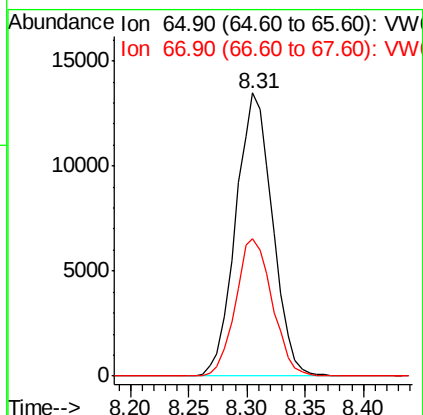
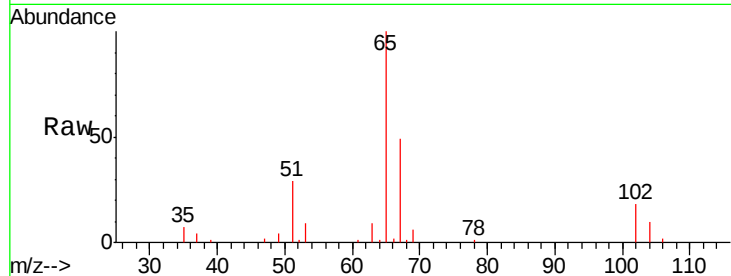




#33
 1,2-Dichloroethane-d4
 Concen: 87.660 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007687.D
 Acq: 19 Dec 2018 05:50

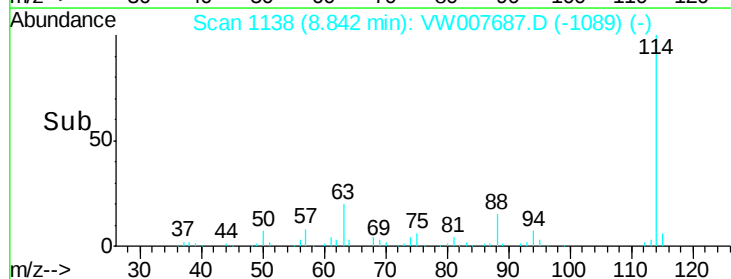
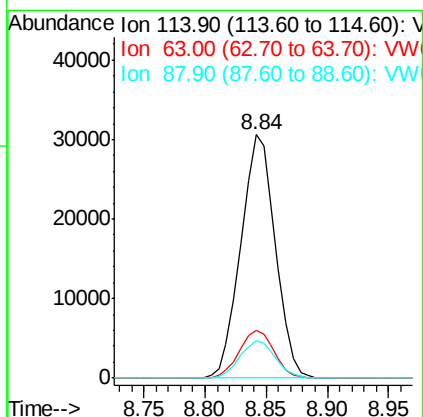
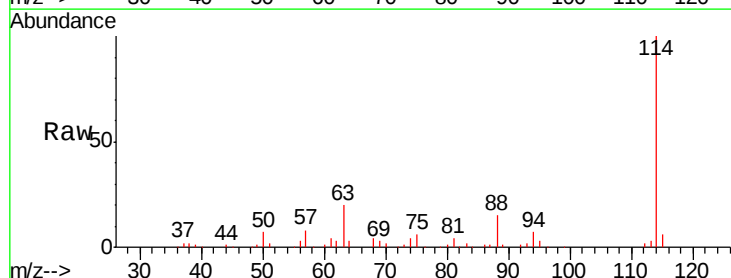
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0612-01

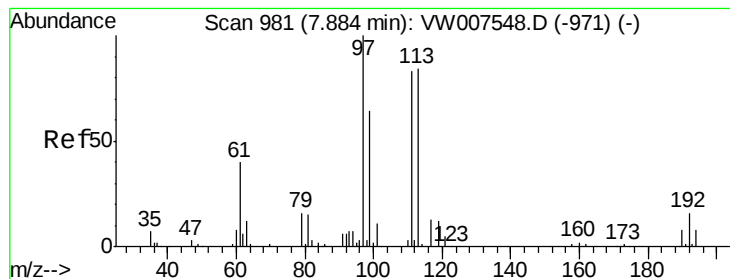
Tgt Ion: 65 Resp: 29512
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007687.D
 Acq: 19 Dec 2018 05:50

Tgt Ion: 114 Resp: 59977
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 60.262 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007687.D

Acq: 19 Dec 2018 05:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-0612-01

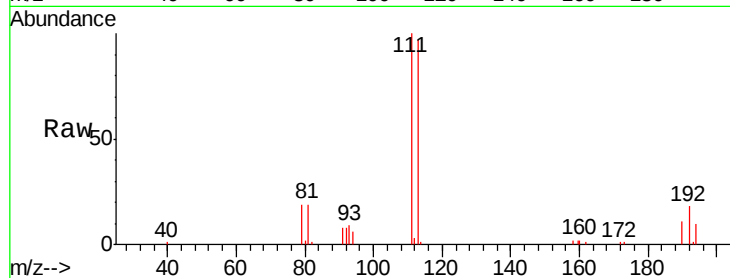
Tgt Ion:113 Resp: 21879

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

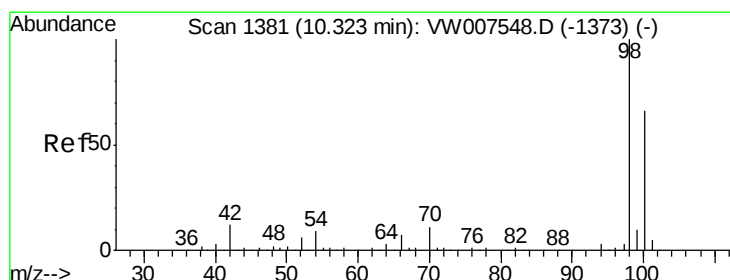
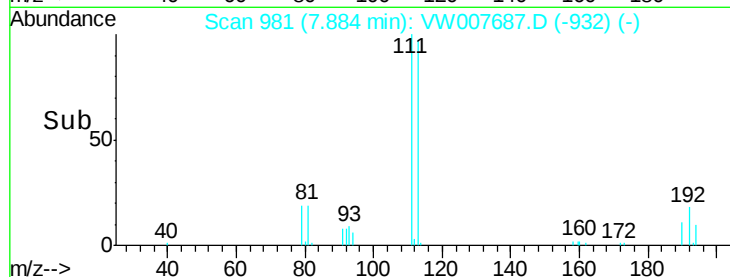
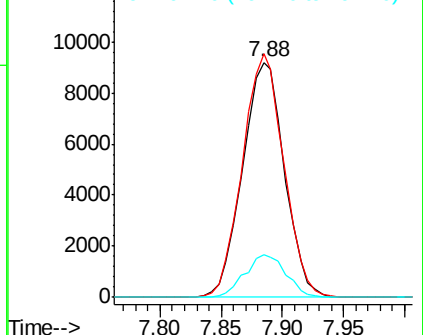
192 18.0 14.6 21.8



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



#50

Toluene-d8

Concen: 41.612 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007687.D

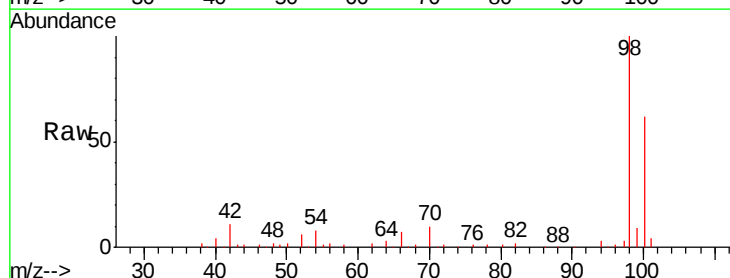
Acq: 19 Dec 2018 05:50

Tgt Ion: 98 Resp: 56646

Ion Ratio Lower Upper

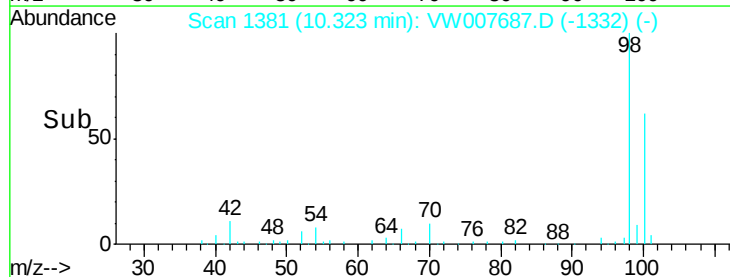
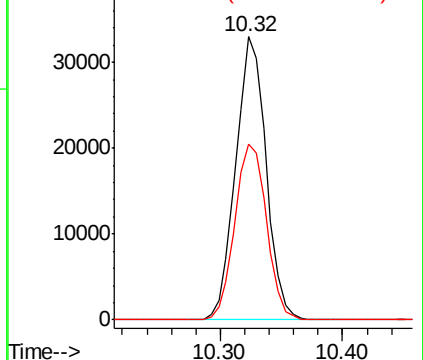
98 100

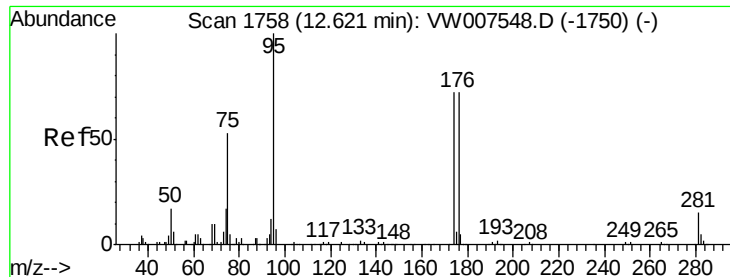
100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

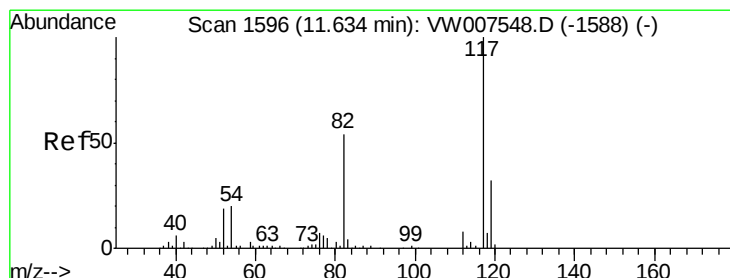
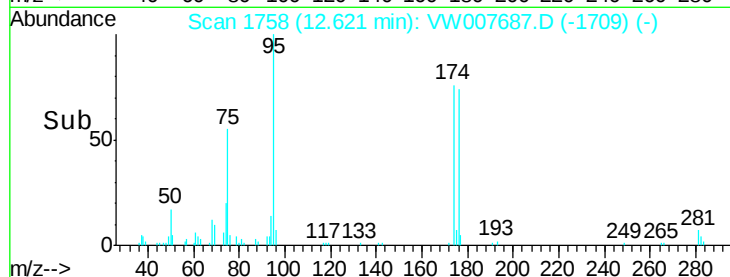
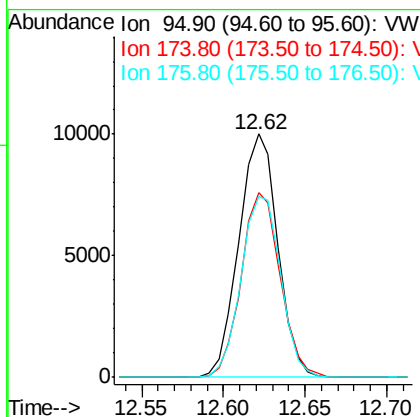
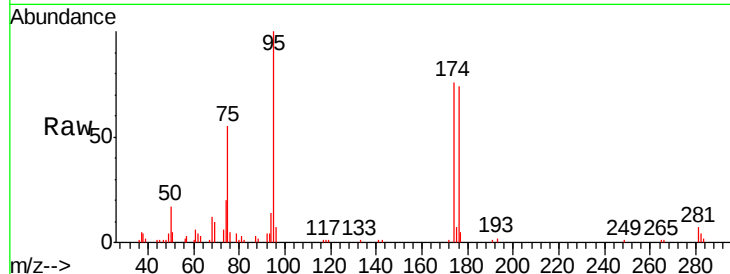




#62
4-Bromofluorobenzene
Concen: 33.350 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007687.D
Acq: 19 Dec 2018 05:50

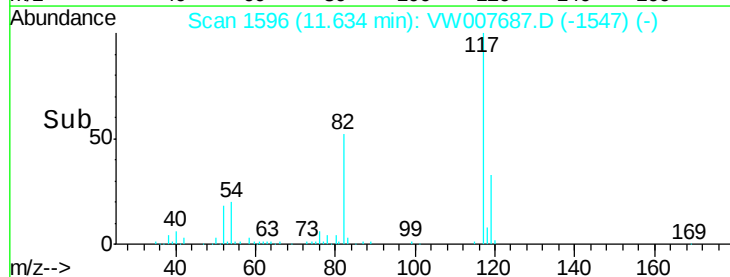
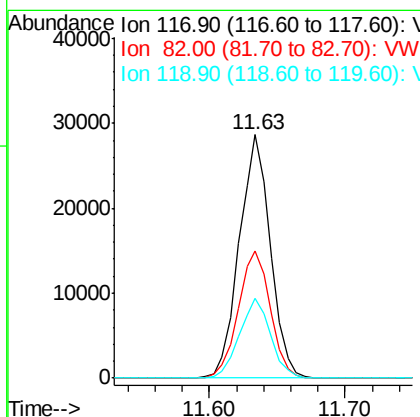
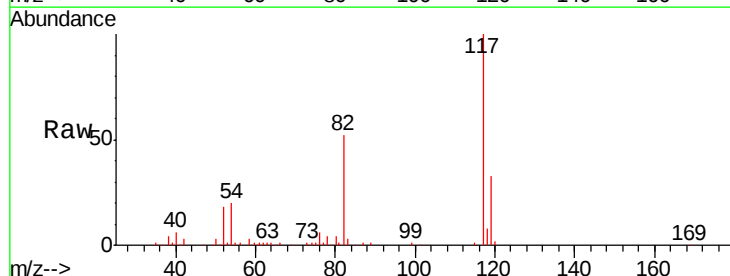
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0612-01

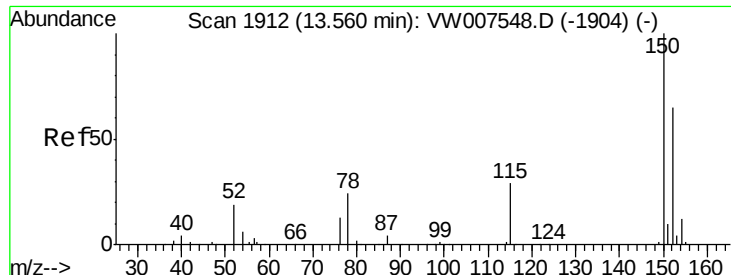
Tgt Ion: 95 Resp: 16692
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.2
176 75.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007687.D
Acq: 19 Dec 2018 05:50

Tgt Ion: 117 Resp: 45539
Ion Ratio Lower Upper
117 100
82 52.4 42.3 63.5
119 32.7 23.0 34.6

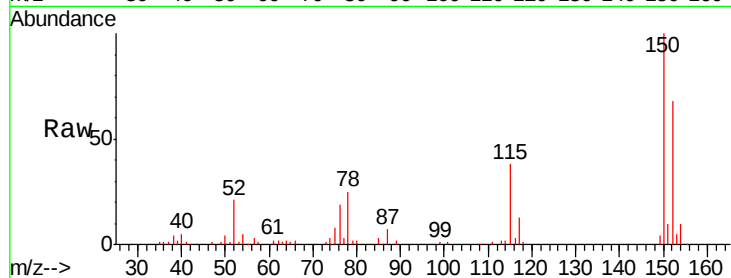




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007687.D
 Acq: 19 Dec 2018 05:50

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0612-01

Tgt Ion:152 Resp: 14277
 Ion Ratio Lower Upper
 152 100
 115 58.8 31.4 94.2
 150 149.9 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

