

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006443.D
 Acq On : 27 Oct 2018 10:01
 Operator : SY/AP
 Sample : J5624-04RE
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SED-02

Quant Time: Oct 29 04:05:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

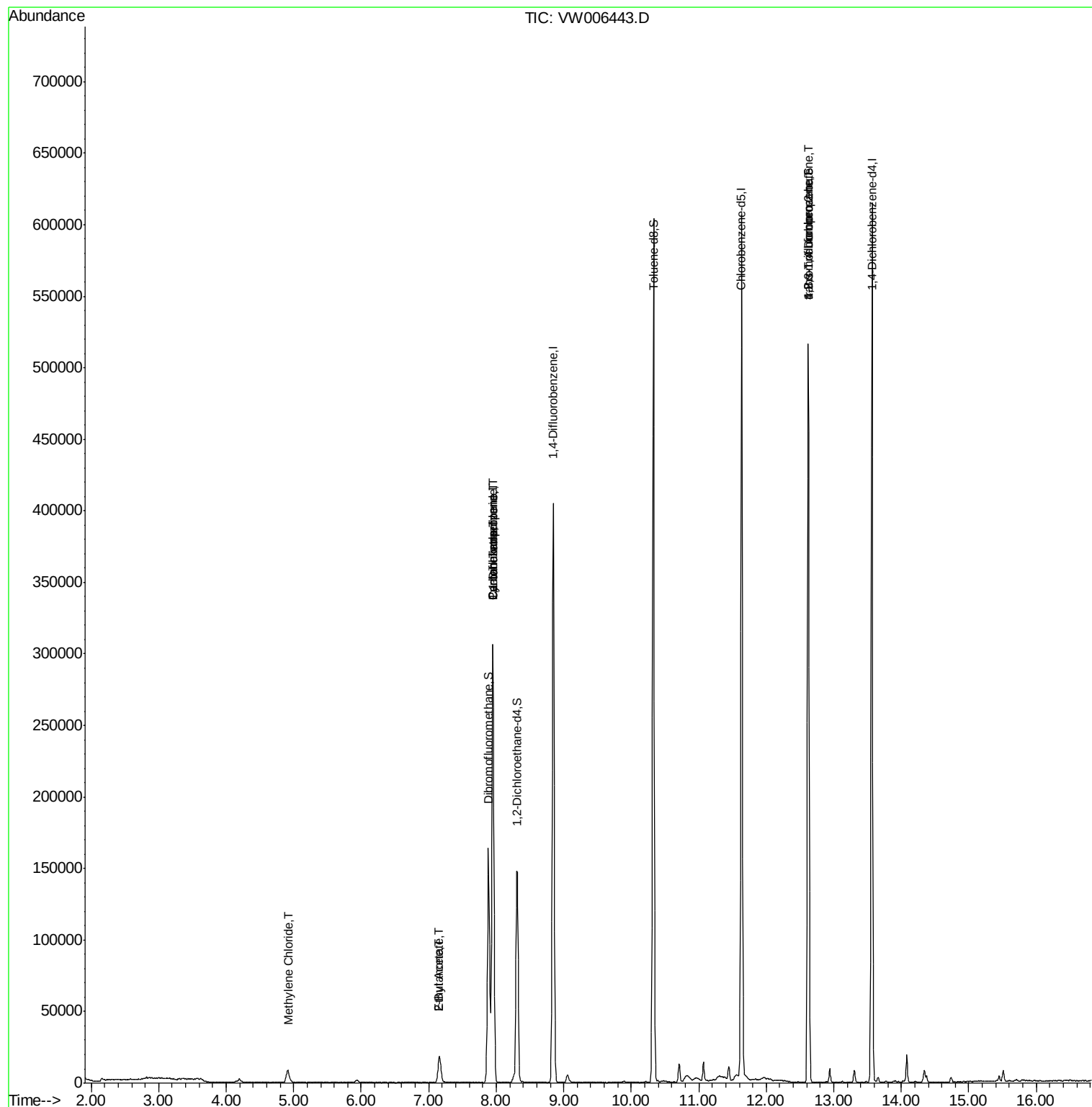
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120532	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
35) Dibromofluoromethane	7.88	113	114005	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.33	98	423819	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.62	95	149063	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
16) Acetone	4.15	43	2315	Below Cal		93
20) Methylene Chloride	4.92	84	7401	1.796	ug/l	90
25) 2-Butanone	7.16	43	1291	2.299	ug/l #	46
31) Cyclohexane	7.95	56	4320	1.136	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	15974	4.659	ug/l #	47
37) Ethyl Acetate	7.16	43	1291	1.013	ug/l #	24
38) Carbon Tetrachloride	7.95	117	21737	5.783	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	74287	54.580	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74287	130.468	ug/l #	10

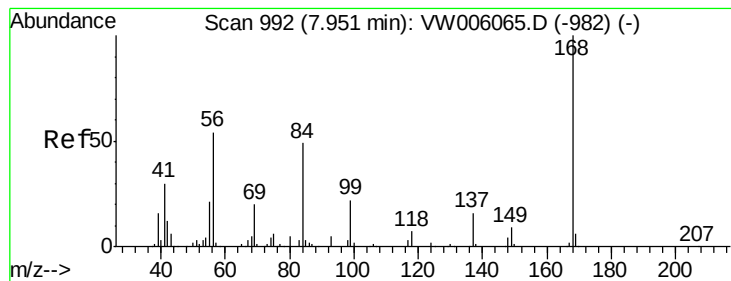
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102918\
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Quant Time: Oct 29 04:05:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006443.D

Acq: 27 Oct 2018 10:01

Instrument :

MSVOA_W

ClientSampleId :

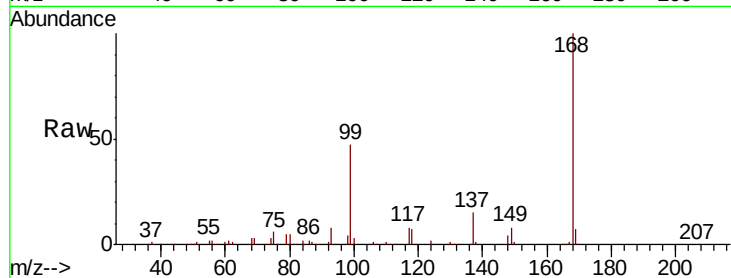
PA-SED-02

Tot Ion:168 Resp: 250717

Ion Ratio Lower Upper

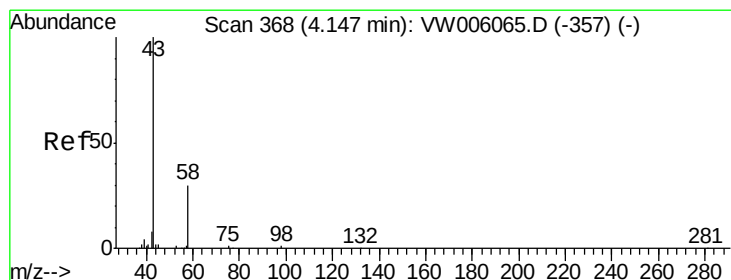
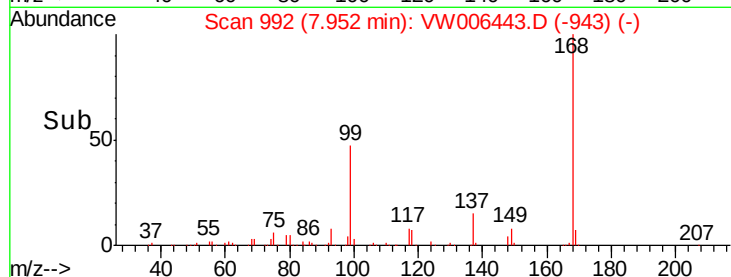
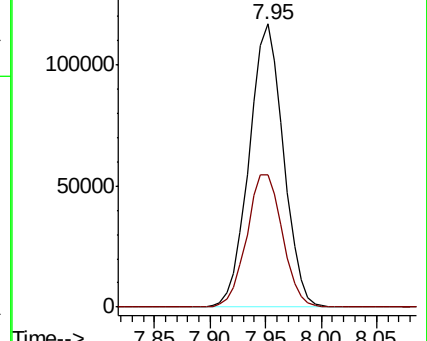
168 100

99 46.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006443.D

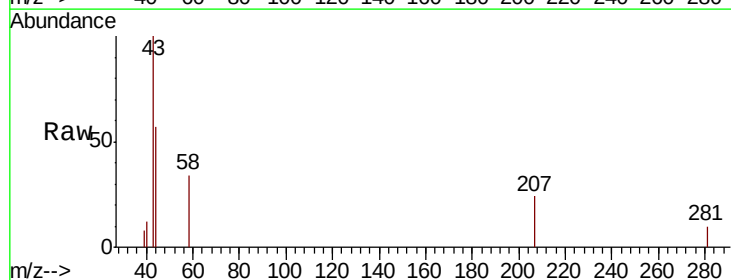
Acq: 27 Oct 2018 10:01

Tgt Ion: 43 Resp: 2315

Ion Ratio Lower Upper

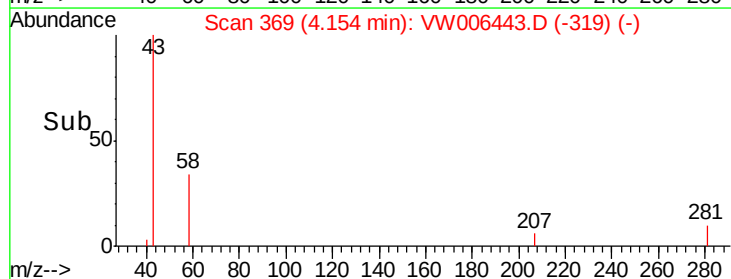
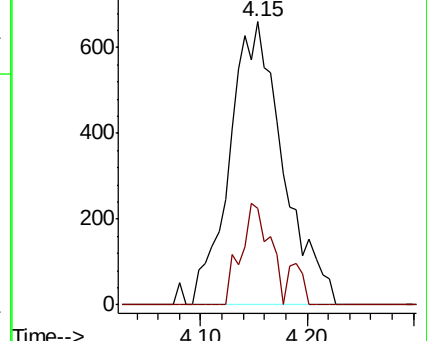
43 100

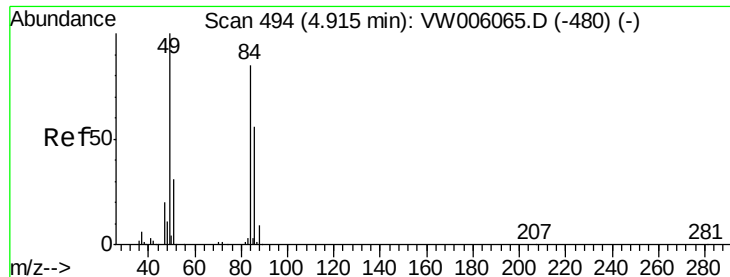
58 33.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

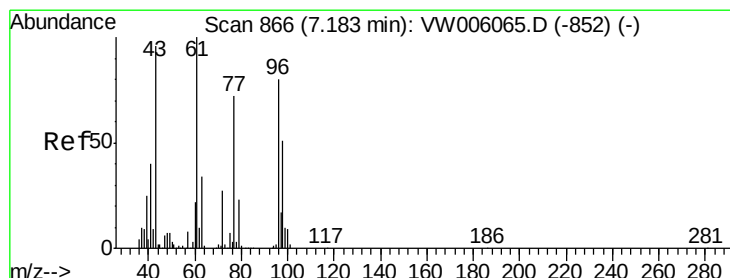
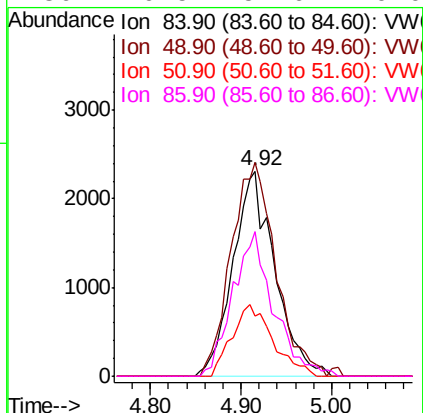
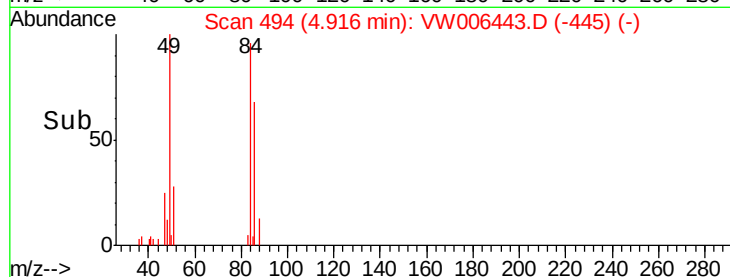
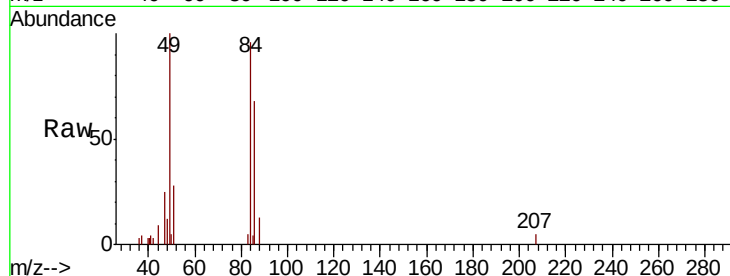




#20
Methylene Chloride
Concen: 1.796 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

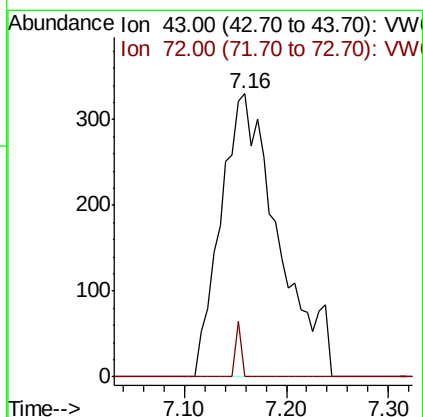
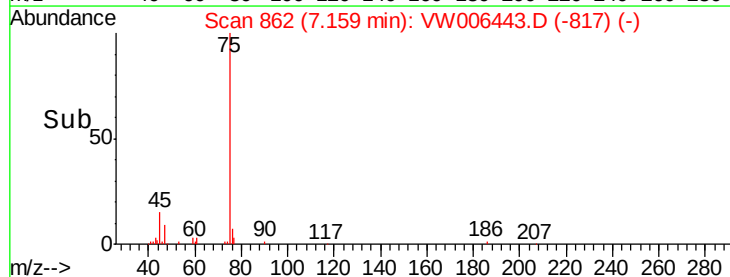
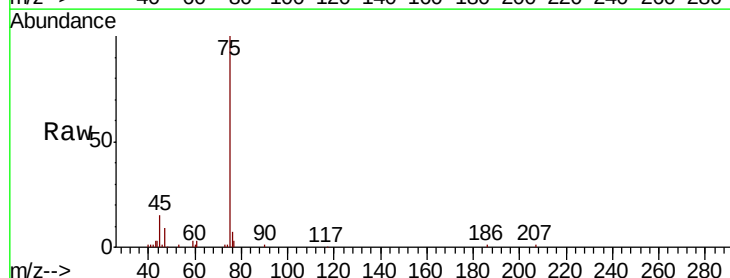
Instrument :
MSVOA_W
ClientSampled :
PA-SED-02

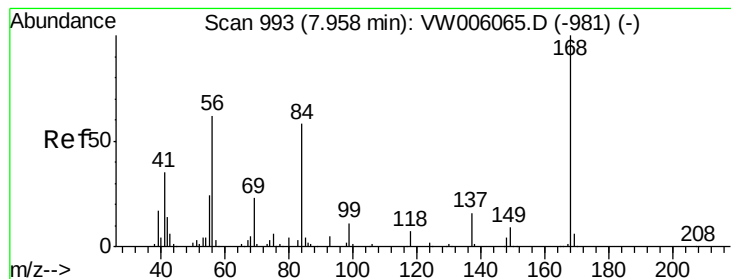
Tot Ion: 84 Resp: 7401
Ion Ratio Lower Upper
84 100
49 104.2 93.6 140.4
51 29.4 29.0 43.4
86 70.5 52.6 79.0



#25
2-Butanone
Concen: 2.299 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006443.D

Acq: 27 Oct 2018 10:01

Instrument :

MSVOA_W

ClientSampled :

PA-SED-02

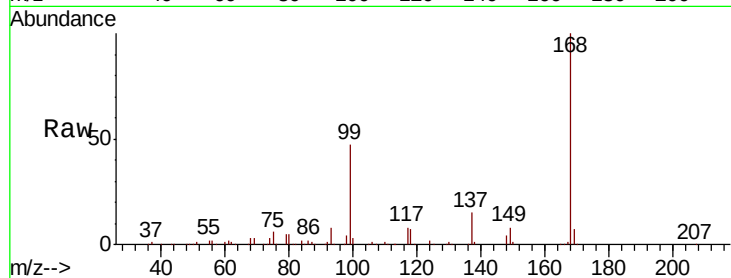
Tot Ion: 56 Resp: 4320

Ion Ratio Lower Upper

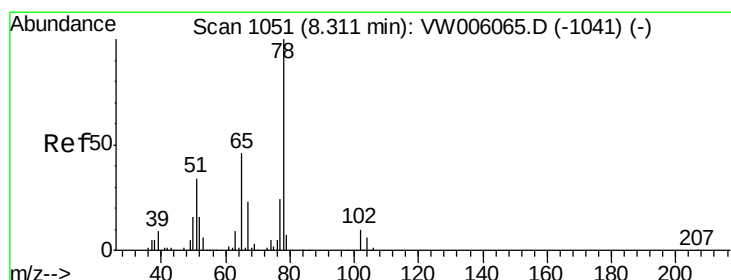
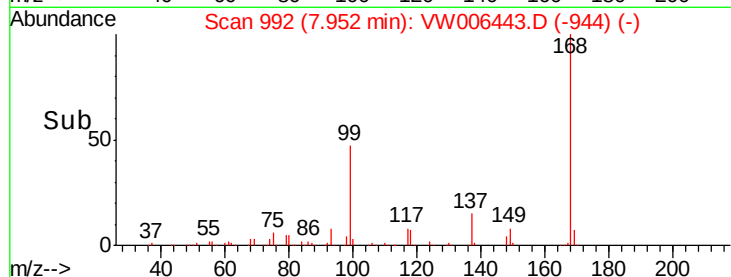
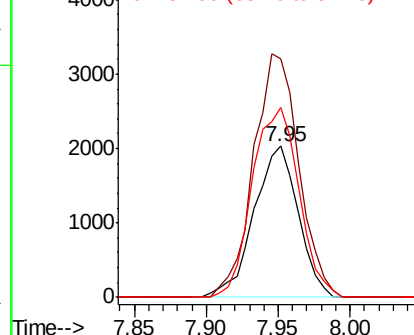
56 100

69 158.0 29.4 44.0#

84 130.1 74.0 111.0#



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: 57.988 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006443.D

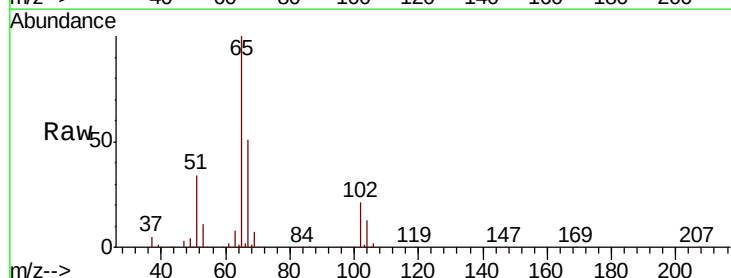
Acq: 27 Oct 2018 10:01

Tgt Ion: 65 Resp: 120532

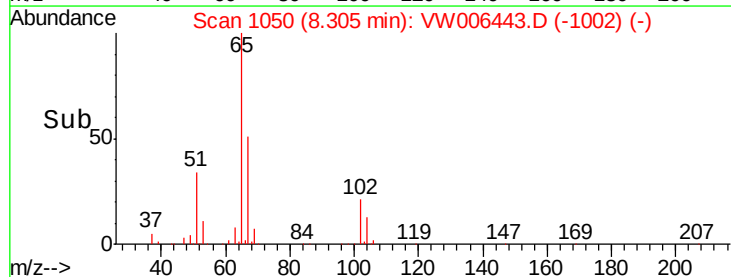
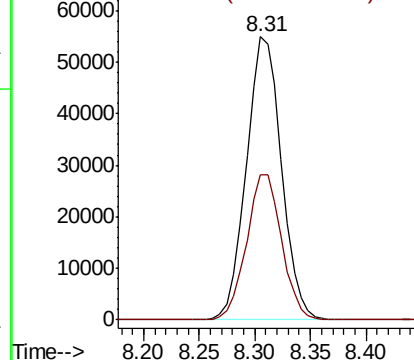
Ion Ratio Lower Upper

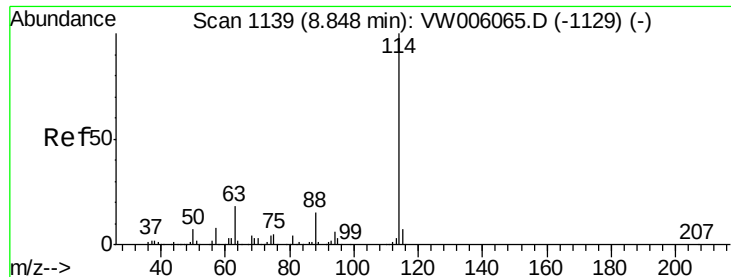
65 100

67 51.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

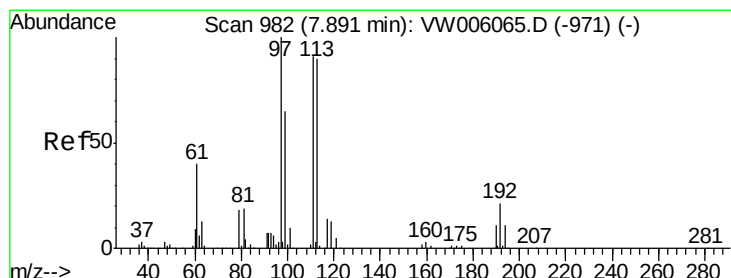
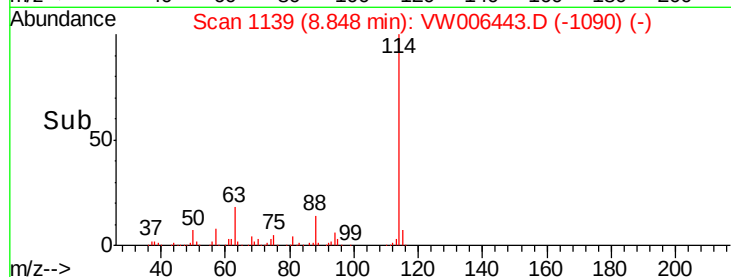
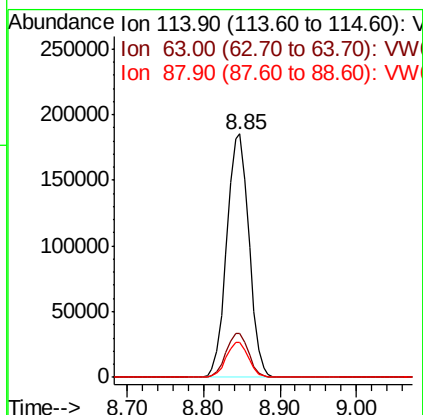
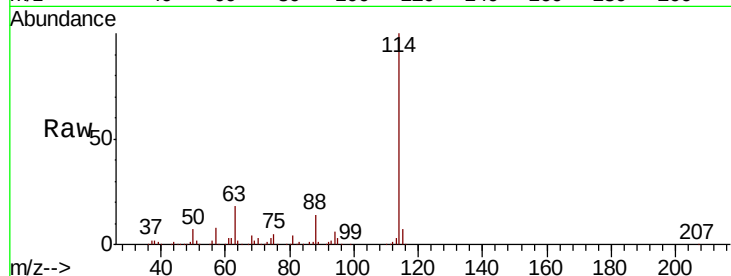




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006443.D
 Acq: 27 Oct 2018 10:01

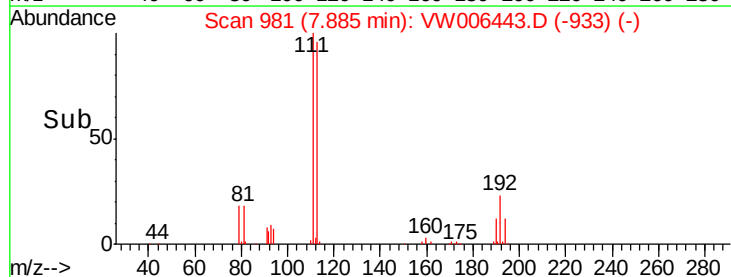
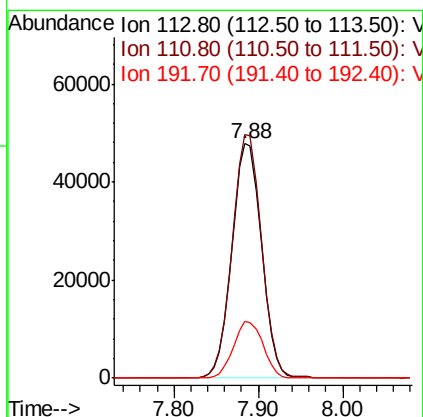
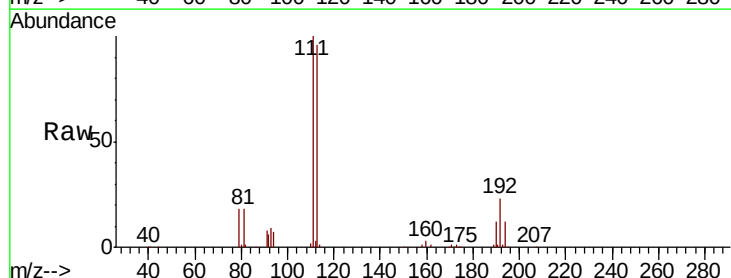
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SED-02

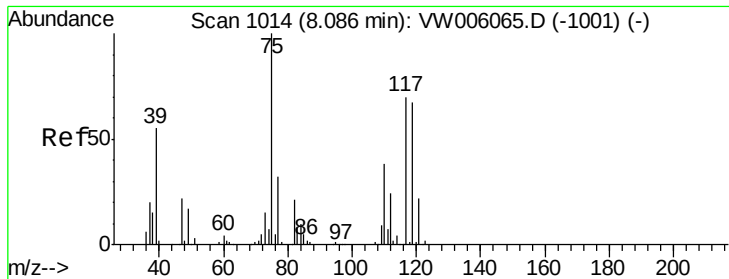
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	14.4	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 51.863 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006443.D
 Acq: 27 Oct 2018 10:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	24.0	18.7	28.1

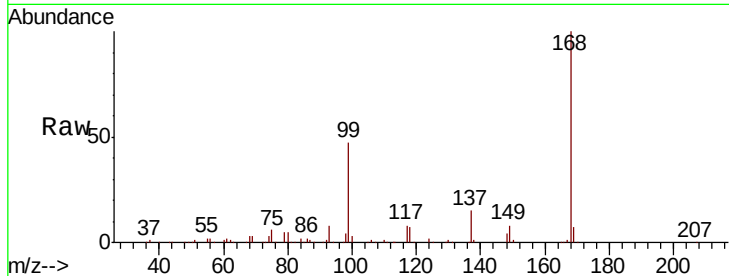




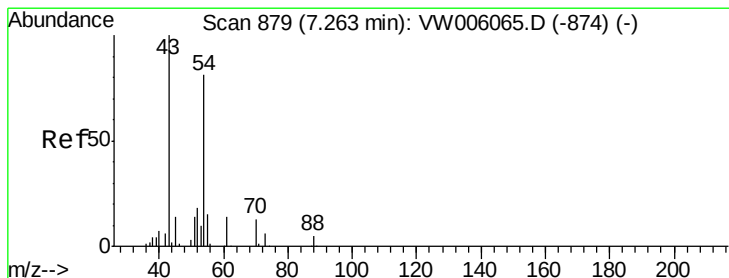
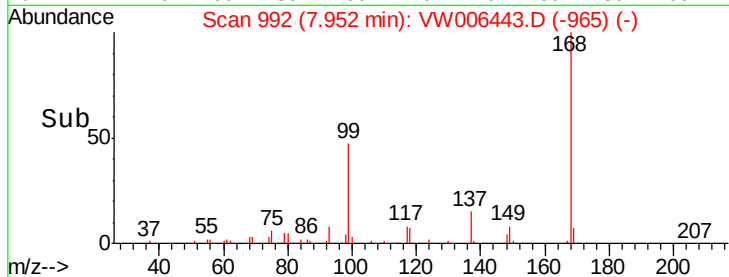
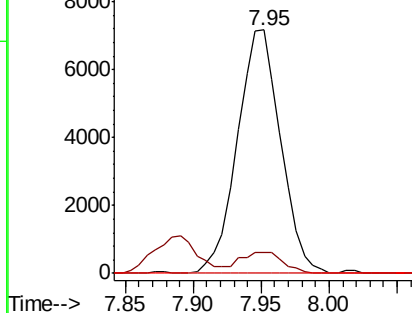
#36
 1,1-Dichloropropene
 Concen: 4.659 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006443.D
 Acq: 27 Oct 2018 10:01

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SED-02

Tot Ion: 75 Resp: 15974
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.1 57.1#
 77 0.0 25.0 37.4#

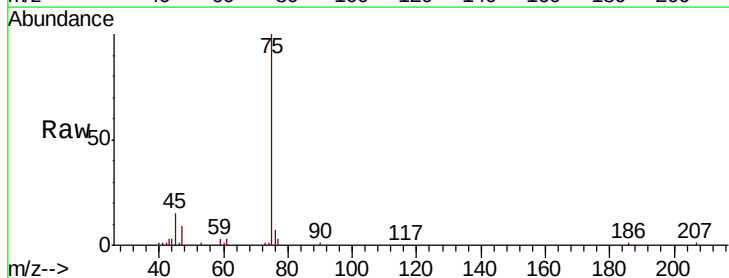


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): VW
 Ion 76.90 (76.60 to 77.60): VW

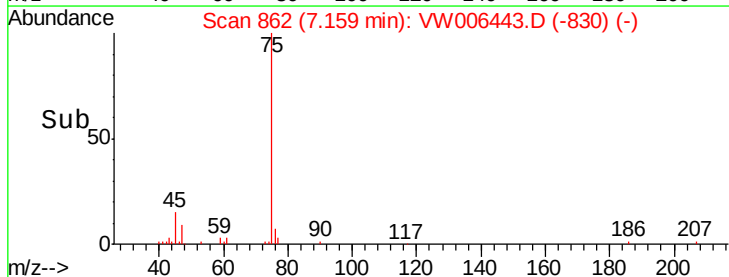
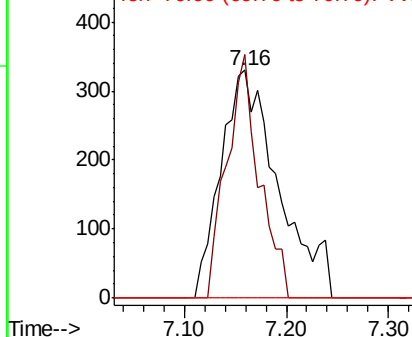


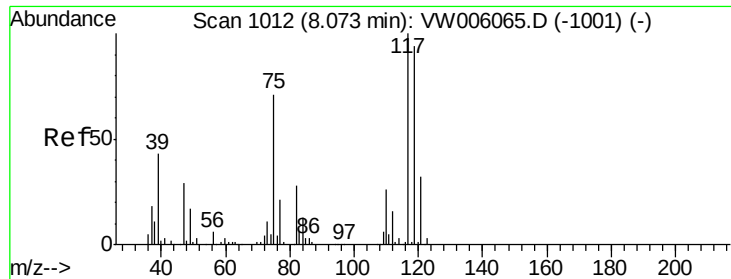
#37
 Ethyl Acetate
 Concen: 1.013 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.10 min
 Lab File: VW006443.D
 Acq: 27 Oct 2018 10:01

Tgt Ion: 43 Resp: 1291
 Ion Ratio Lower Upper
 43 100
 61 60.7 11.5 17.3#
 70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

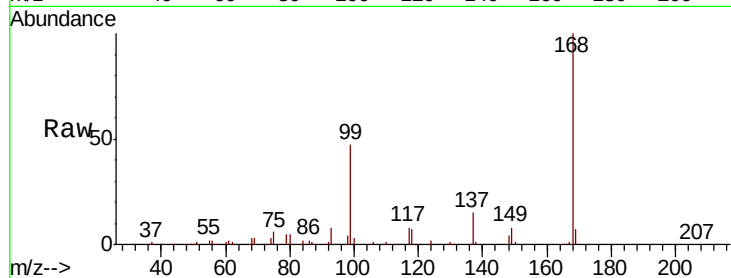




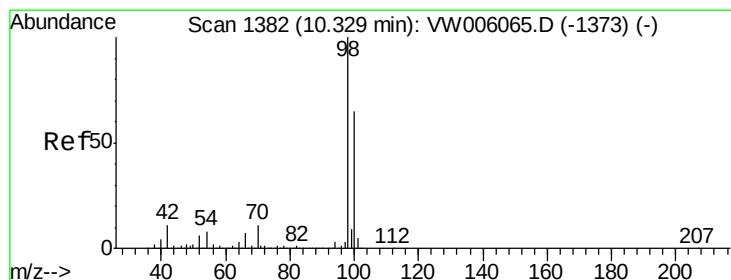
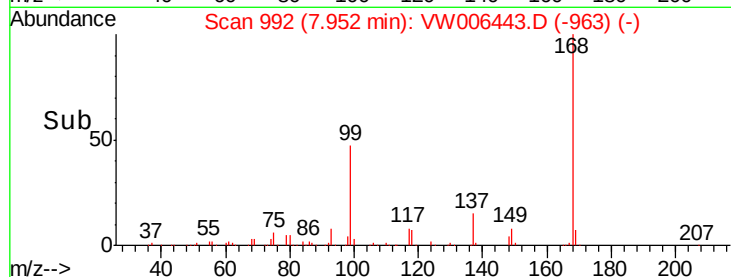
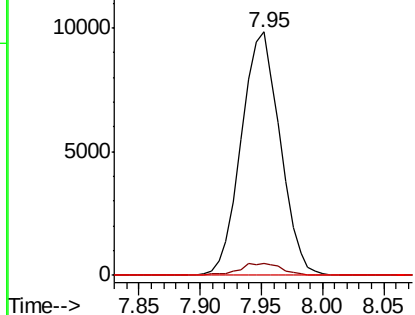
#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

Instrument :
MSVOA_W
ClientSampled :
PA-SED-02

Tot Ion:117 Resp: 21737
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 25.3 37.9#

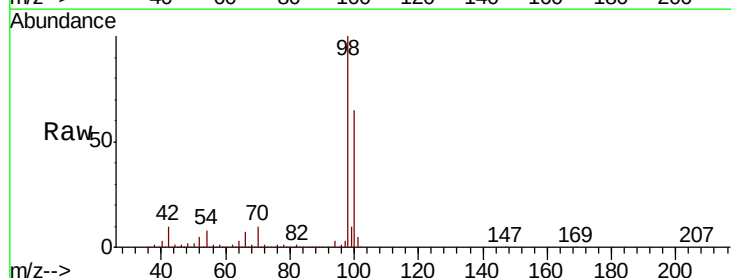


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

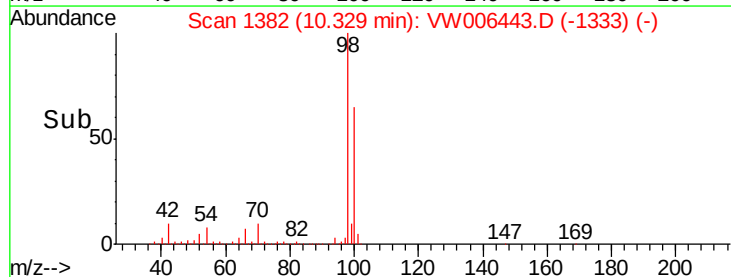
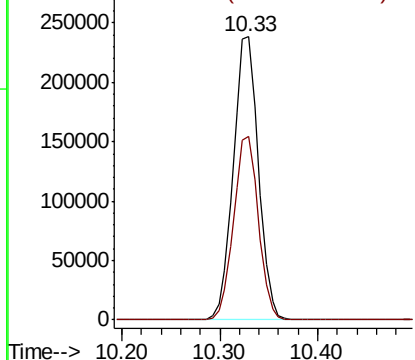


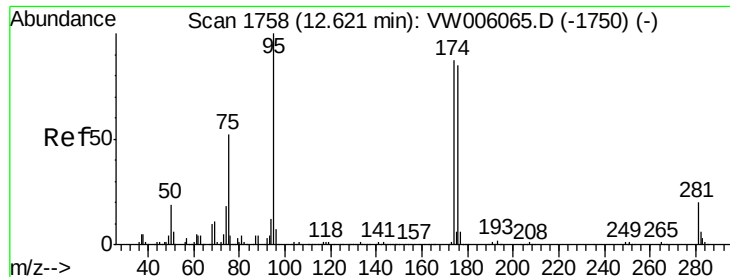
#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

Tgt Ion: 98 Resp: 423819
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 47.456 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006443.D

Acq: 27 Oct 2018 10:01

Instrument :

MSVOA_W

ClientSampled :

PA-SED-02

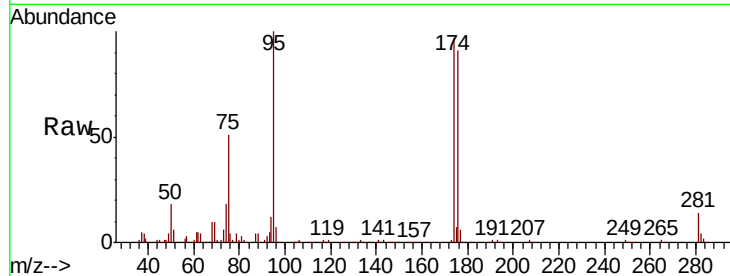
Tot Ion: 95 Resp: 149063

Ion Ratio Lower Upper

95 100

174 98.1 0.0 186.0

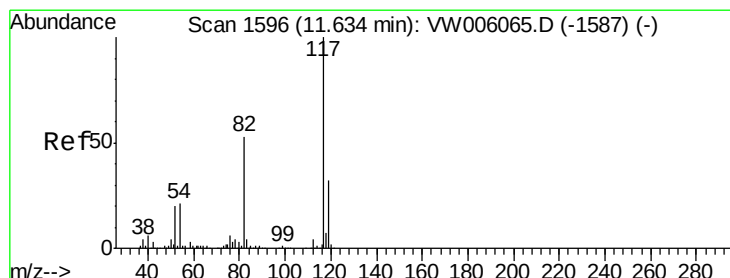
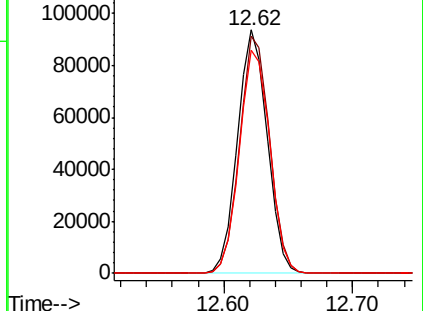
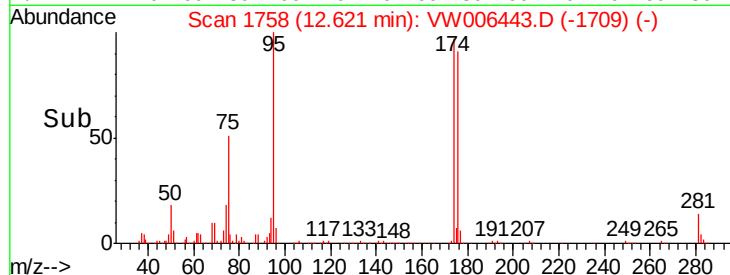
176 94.1 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006443.D

Acq: 27 Oct 2018 10:01

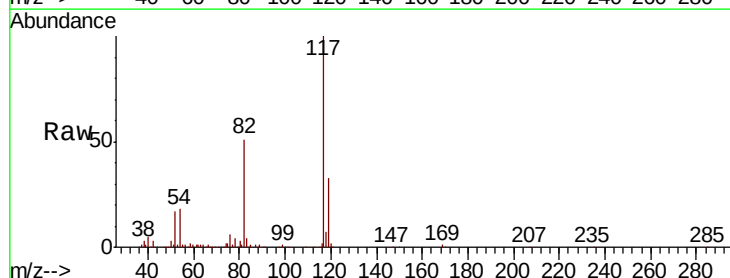
Tgt Ion: 117 Resp: 344966

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

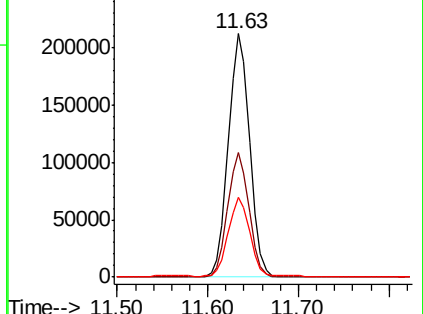
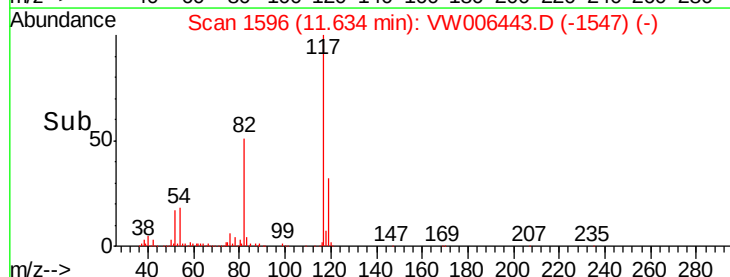
119 32.5 25.8 38.6

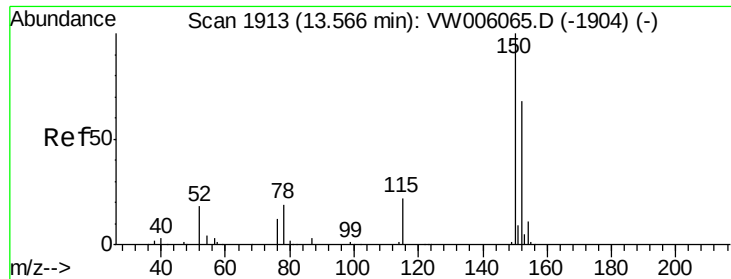


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



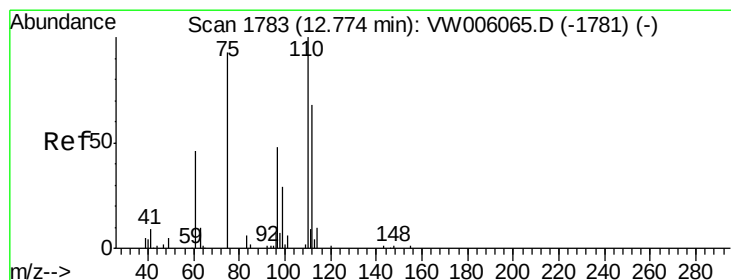
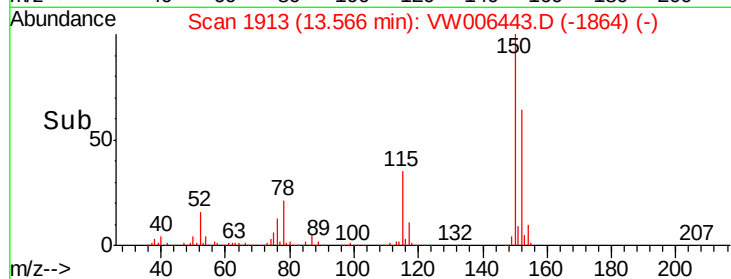
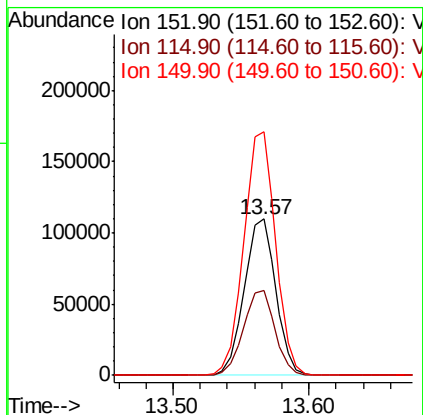
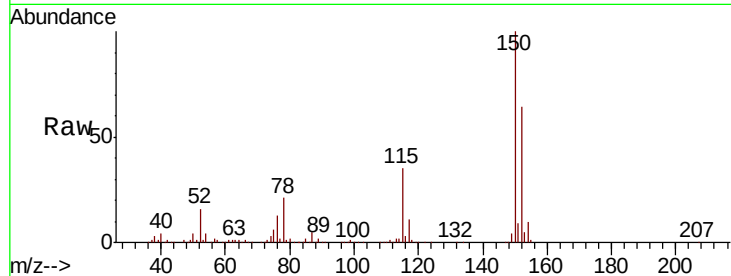


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

Instrument :
MSVOA_W
ClientSampled :
PA-SED-02

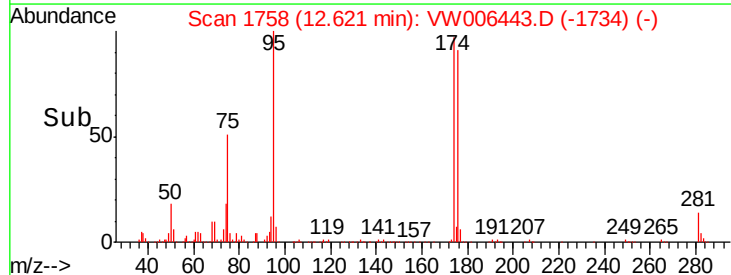
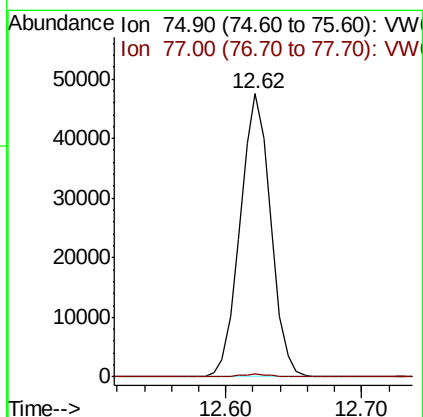
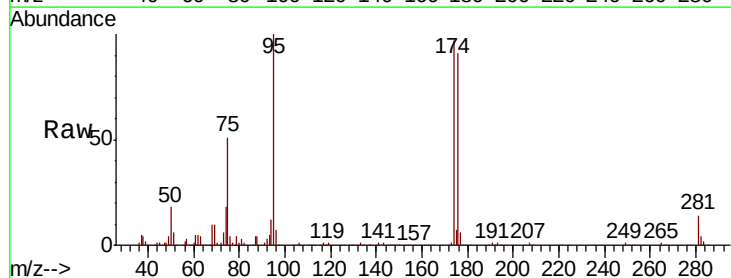
Tot Ion:152 Resp: 178196
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.3
150 156.2 0.0 349.2

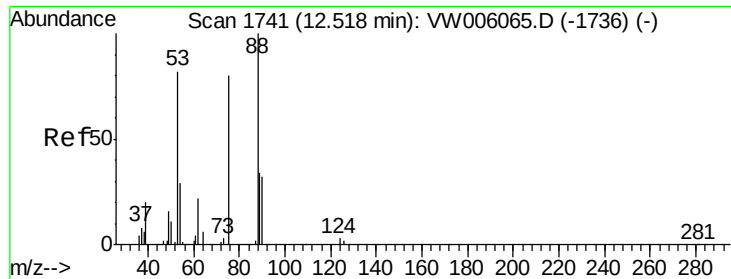


#76

1,2,3-Trichloropropane
Concen: 54.580 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006443.D
Acq: 27 Oct 2018 10:01

Tgt Ion: 75 Resp: 74287
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 130.468 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006443.D

Acq: 27 Oct 2018 10:01

Instrument :

MSVOA_W

ClientSampleId :

PA-SED-02

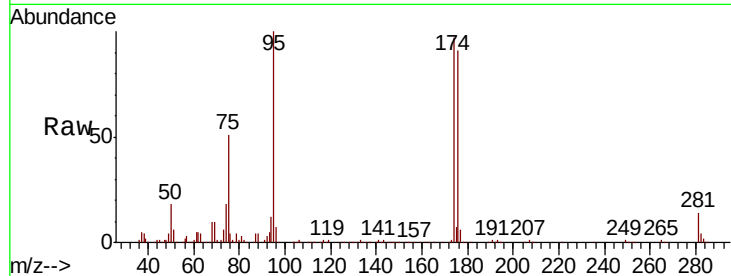
Tot Ion: 75 Resp: 74287

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

