

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006472.D
 Acq On : 30 Oct 2018 01:00
 Operator : SY/AP
 Sample : J5624-08RE
 Misc : 4.53G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-02BRE

Quant Time: Oct 30 05:40:26 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	150185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	216438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24192	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	76474	61.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.84%	
35) Dibromofluoromethane	7.88	113	80240	62.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.48%	
50) Toluene-d8	10.33	98	214270	44.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.08%	
62) 4-Bromofluorobenzene	12.62	95	35706	19.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	39.08%	

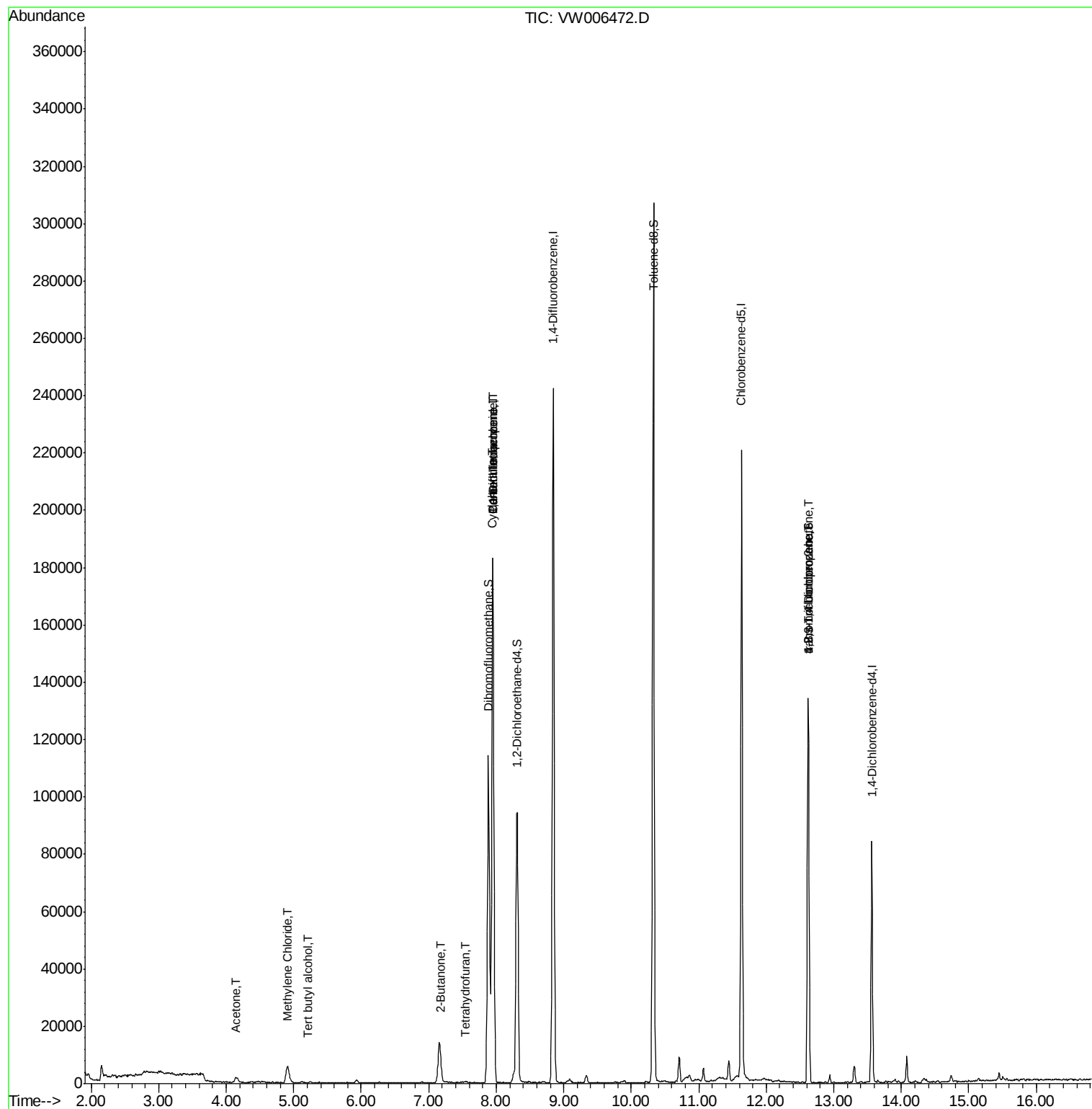
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	105	1.254	ug/l #	71
16) Acetone	4.14	43	3895	1.988	ug/l #	87
20) Methylene Chloride	4.92	84	5187	2.387	ug/l #	82
25) 2-Butanone	7.18	43	587	1.745	ug/l #	46
29) Tetrahydrofuran	7.55	42	268	1.296	ug/l #	37
31) Cyclohexane	7.94	56	2918	1.281	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	9644	4.834	ug/l #	49
38) Carbon Tetrachloride	7.95	117	13012	5.950	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	18226	98.637	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	18226	235.781	ug/l #	10

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

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Quant Time: Oct 30 05:40:26 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: VW006472.D

Acq: 30 Oct 2018 01:00

Instrument :

MSVOA_W

ClientSampleId :

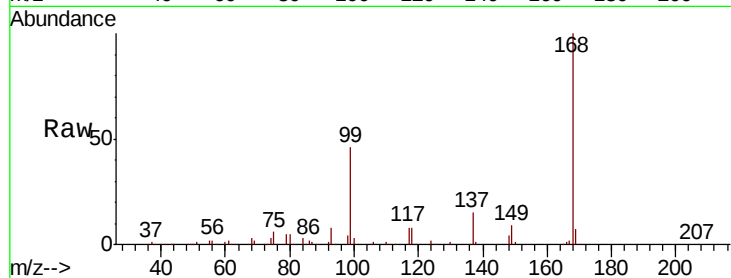
PA-SB-02BRE

Tot Ion:168 Resp: 150185

Ion Ratio Lower Upper

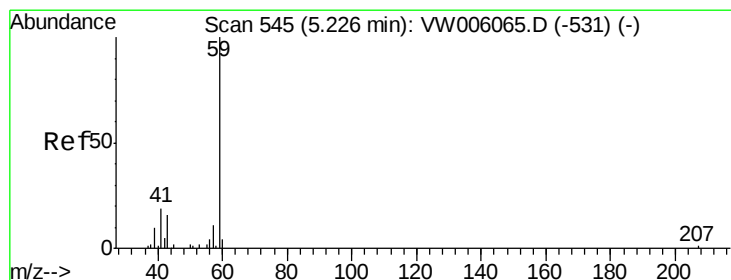
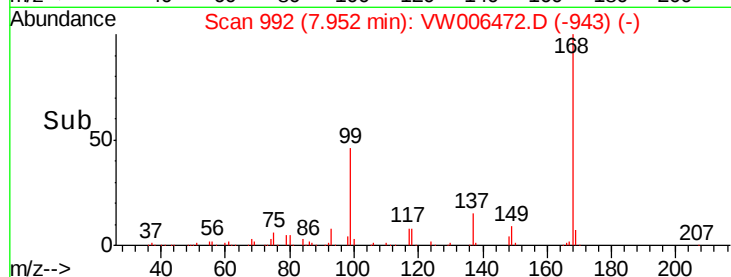
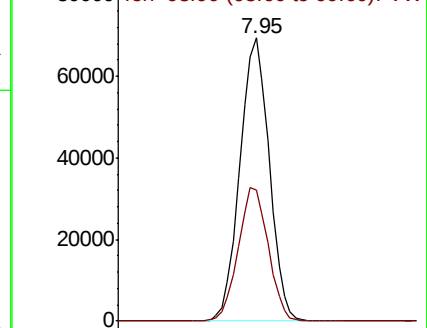
168 100

99 46.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.254 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006472.D

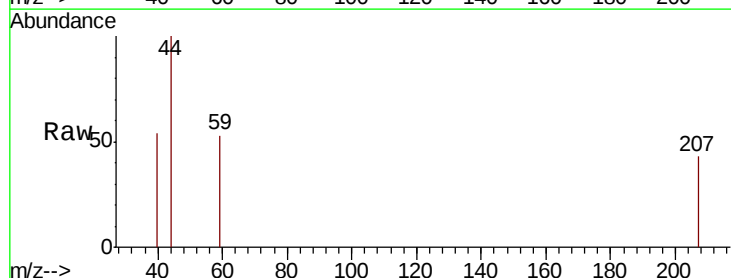
Acq: 30 Oct 2018 01:00

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

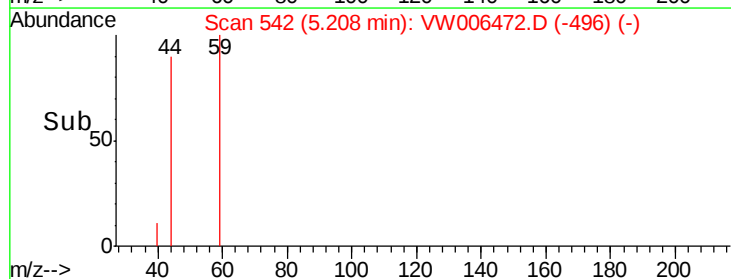
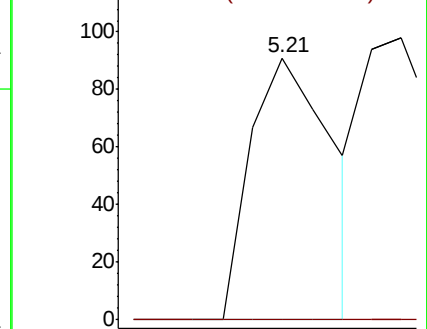
59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

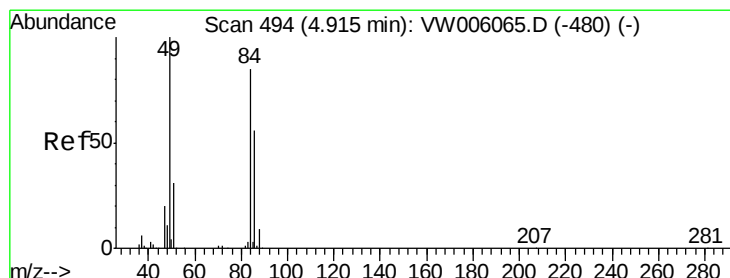
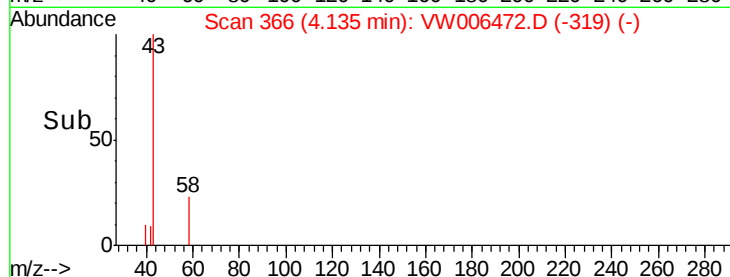
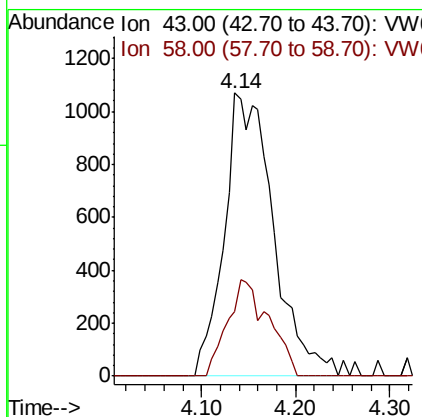
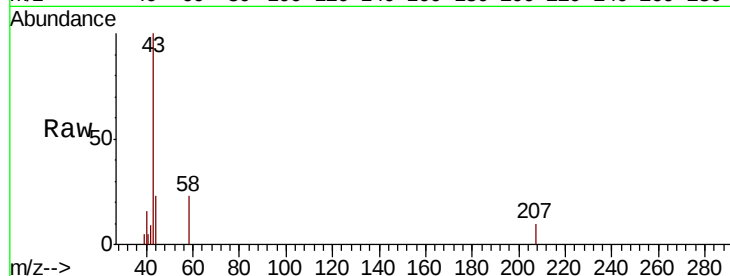




#16
Acetone
Concen: 1.988 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

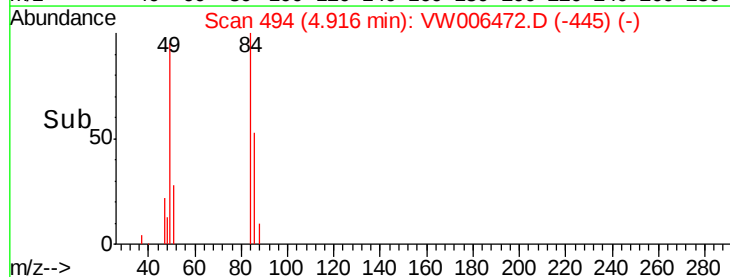
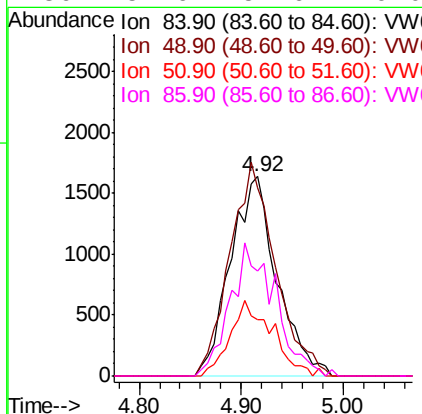
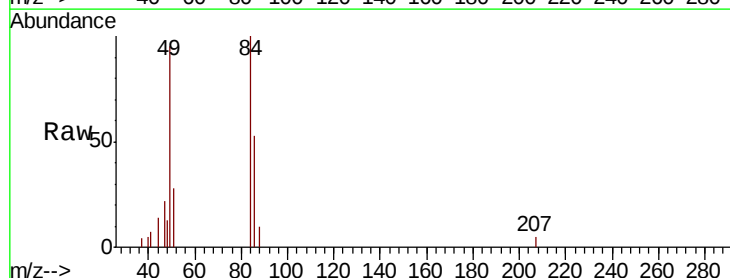
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-02BRE

Tot Ion: 43 Resp: 3895
Ion Ratio Lower Upper
43 100
58 22.9 24.0 36.0#



#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

Tgt Ion: 84 Resp: 5187
Ion Ratio Lower Upper
84 100
49 94.6 93.6 140.4
51 27.9 29.0 43.4#
86 52.6 52.6 79.0#





#25

2-Butanone

Concen: 1.745 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

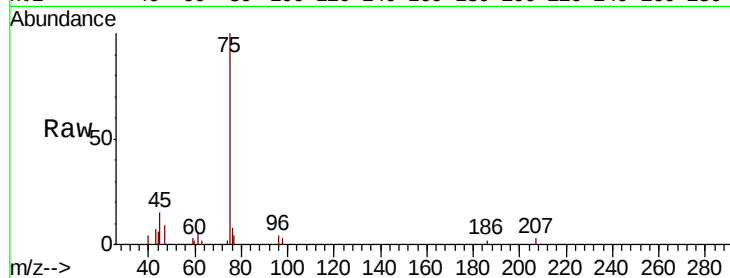
PA-SB-02BRE

Tot Ion: 43 Resp: 587

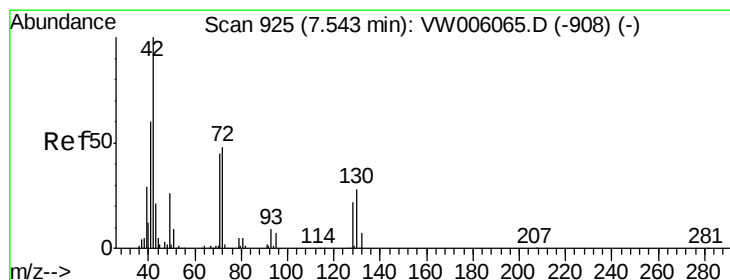
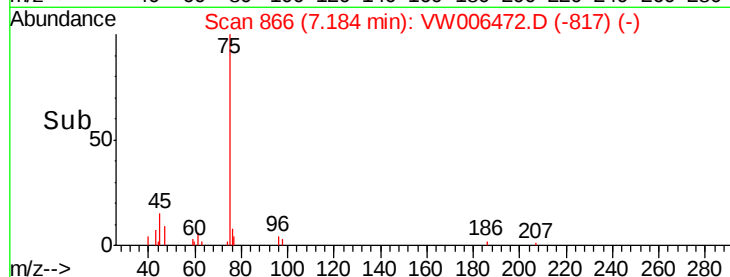
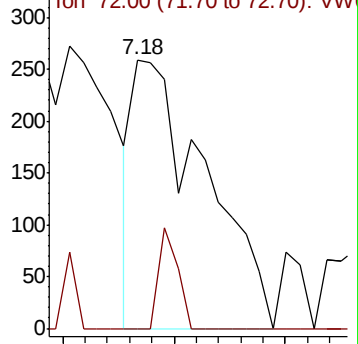
Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW



#29

Tetrahydrofuran

Concen: 1.296 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

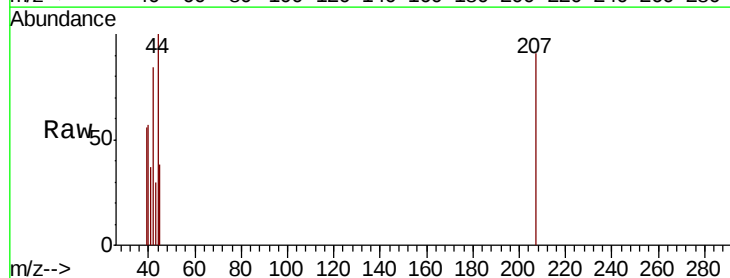
Tgt Ion: 42 Resp: 268

Ion Ratio Lower Upper

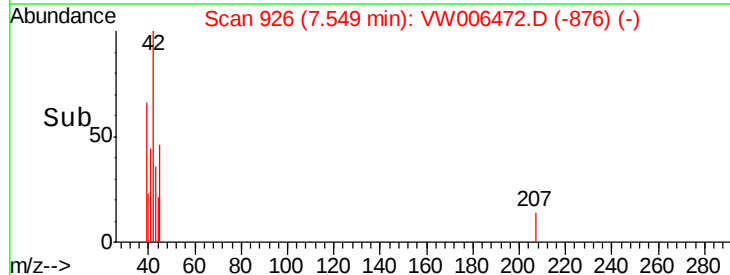
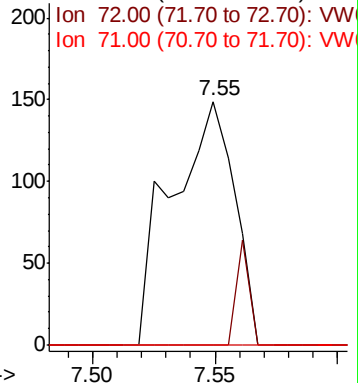
42 100

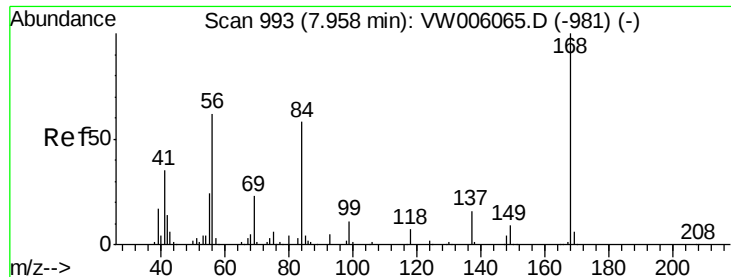
72 8.6 38.0 57.0#

71 0.0 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

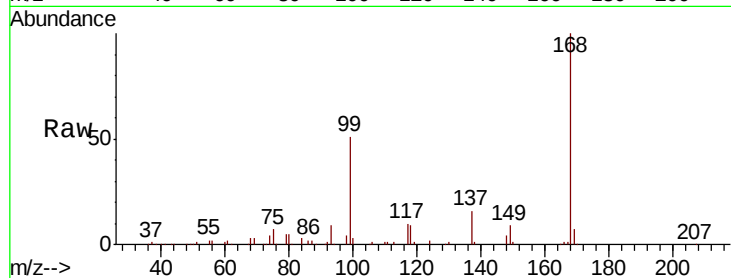




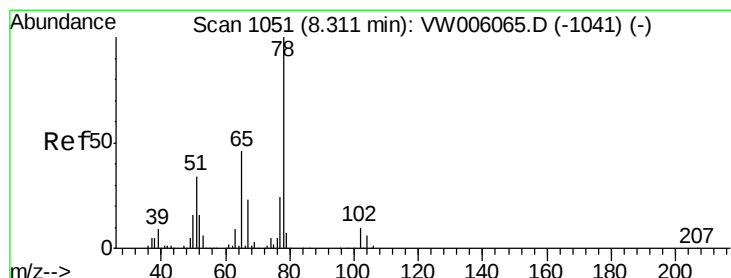
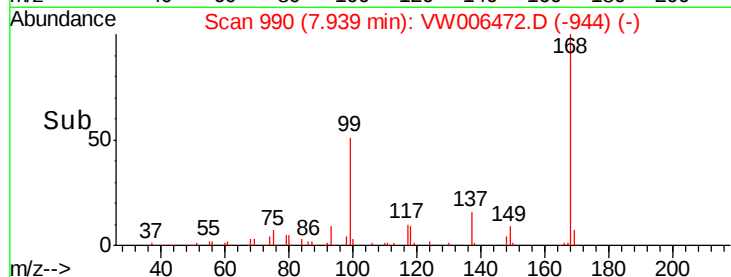
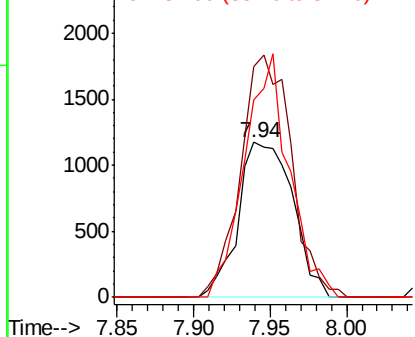
#31
Cvclohexane
Concen: 1.281 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-02BRE

Tot Ion: 56 Resp: 2918
Ion Ratio Lower Upper
56 100
69 149.1 29.4 44.0#
84 127.5 74.0 111.0#

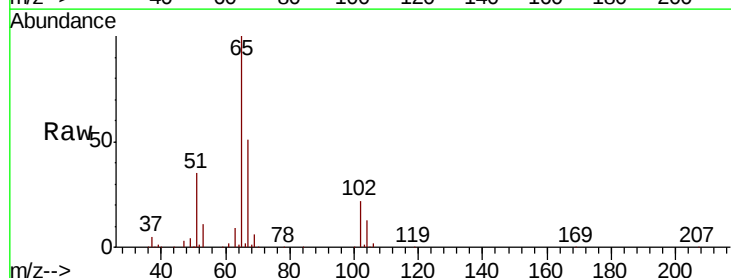


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

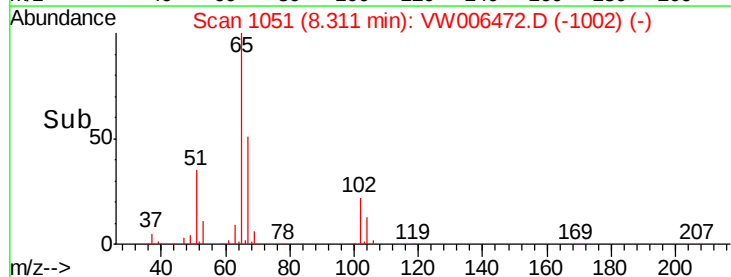
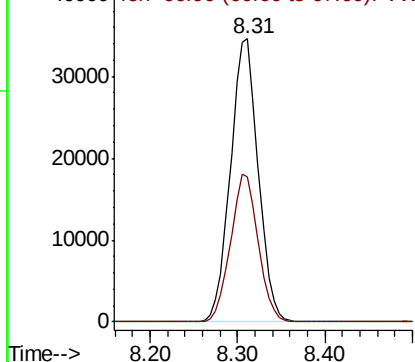


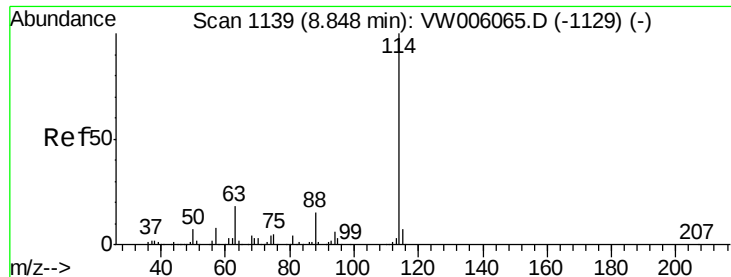
#33
1,2-Dichloroethane-d4
Concen: 61.419 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

Tgt Ion: 65 Resp: 76474
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0



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

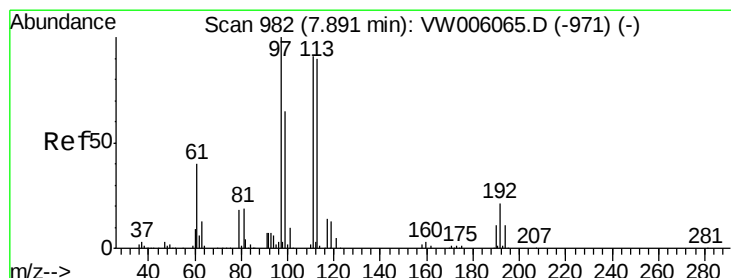
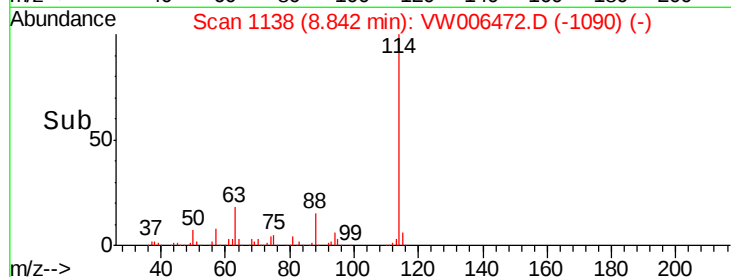
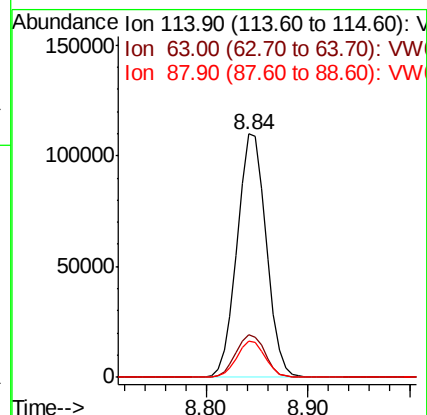
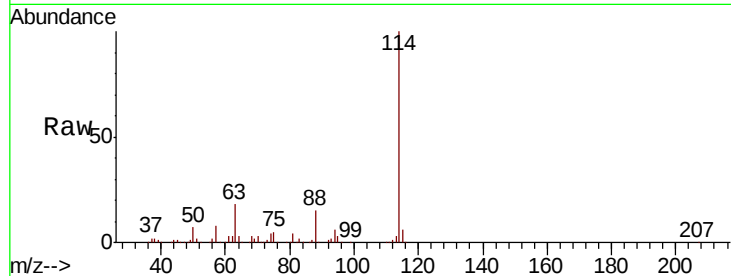




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006472.D
 Acq: 30 Oct 2018 01:00

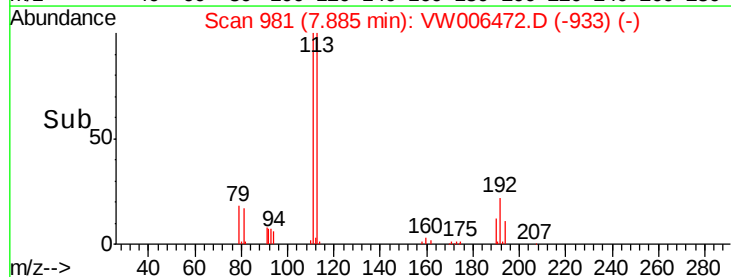
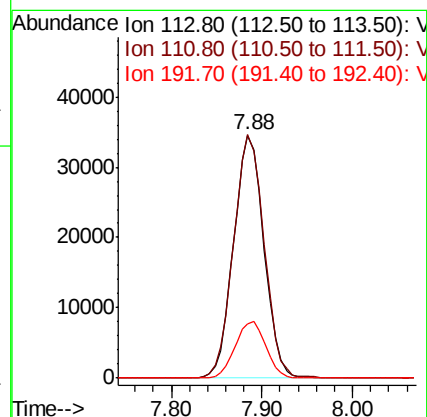
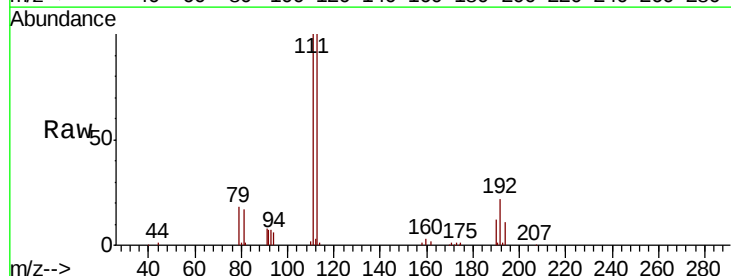
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-02BRE

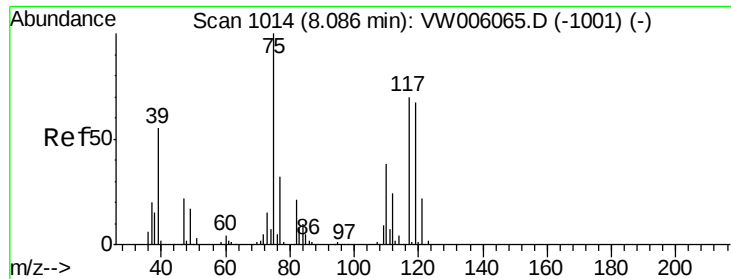
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.8
88	14.8	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 62.740 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006472.D
 Acq: 30 Oct 2018 01:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.7	18.7	28.1

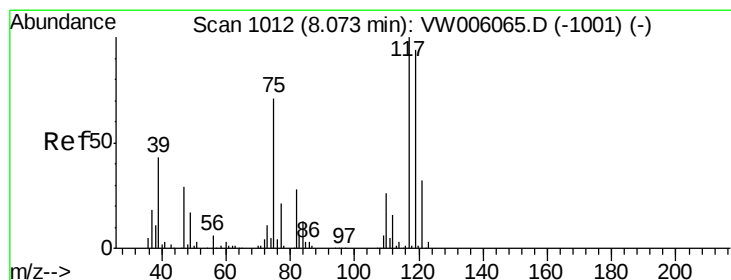
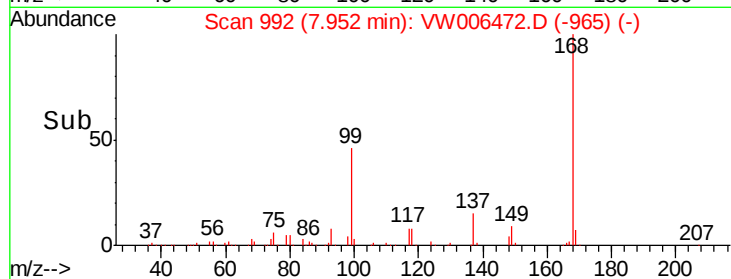
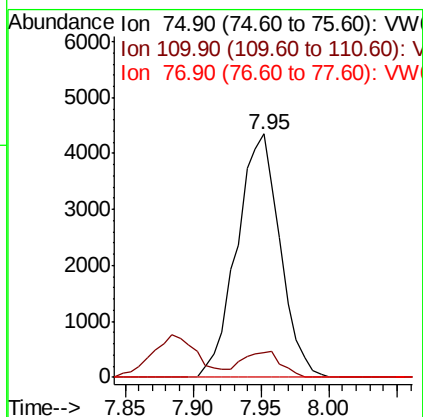
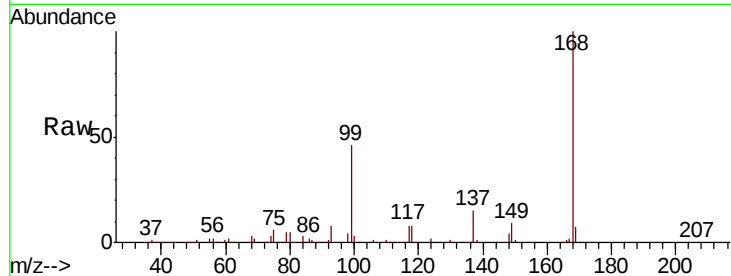




#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006472.D
 Acq: 30 Oct 2018 01:00

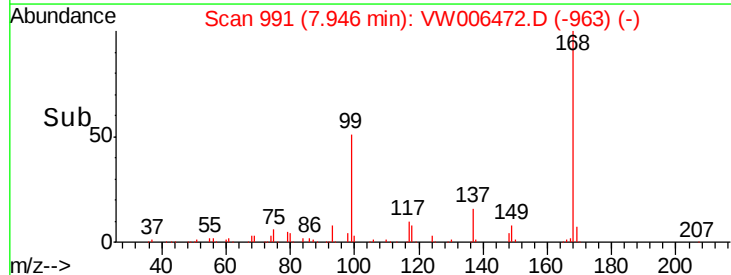
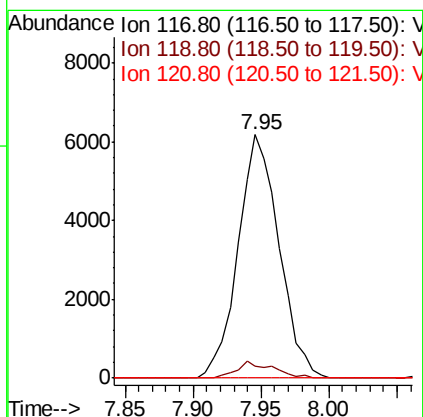
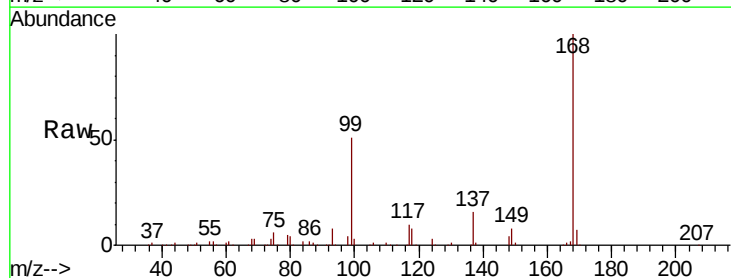
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-02BRE

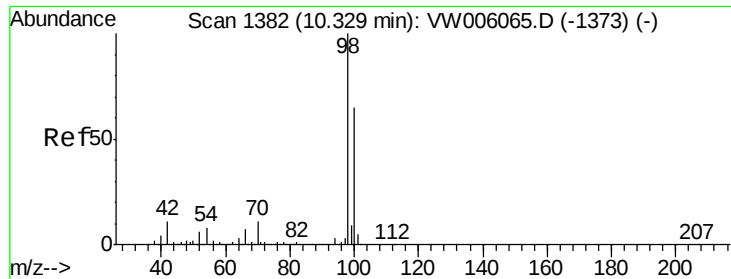
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.950 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006472.D
 Acq: 30 Oct 2018 01:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 44.037 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

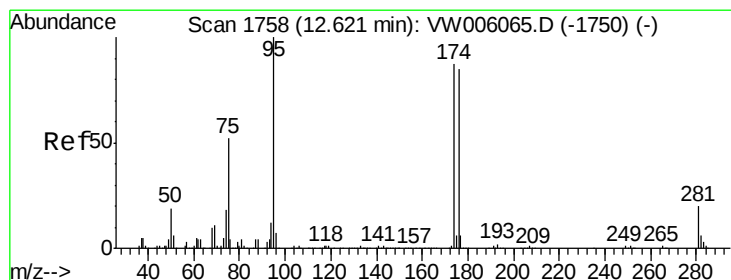
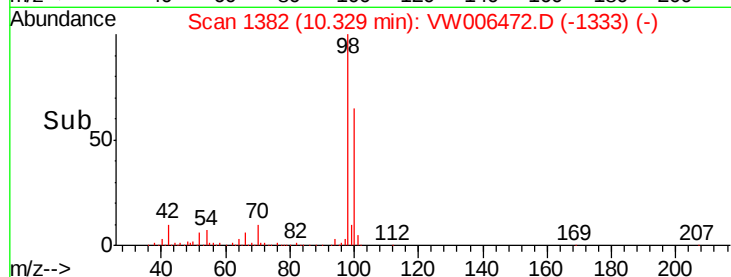
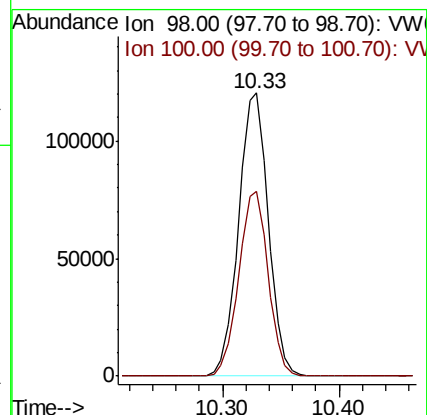
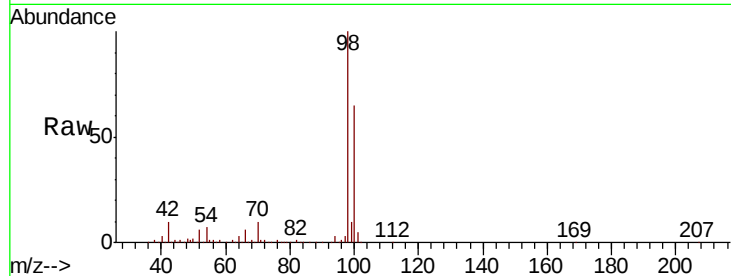
PA-SB-02BRE

Tot Ion: 98 Resp: 214270

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 19.538 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

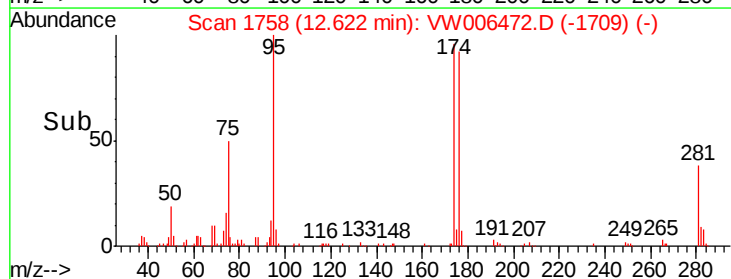
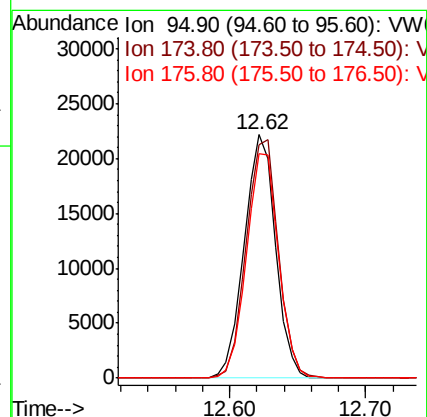
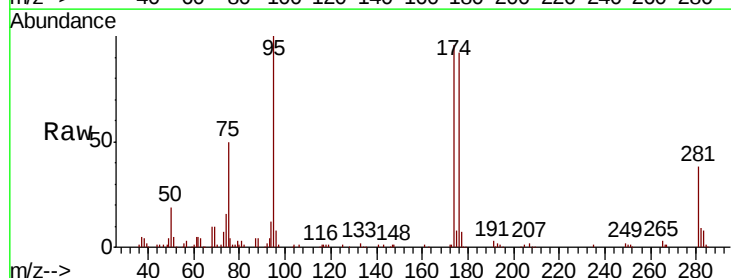
Tgt Ion: 95 Resp: 35706

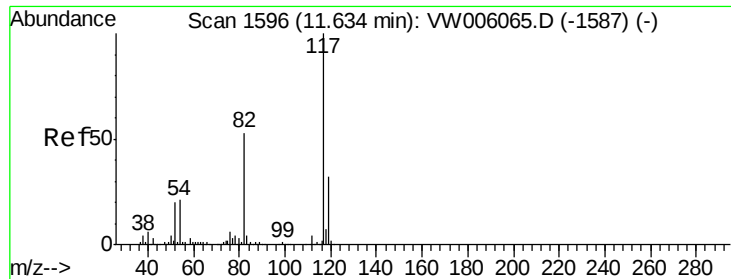
Ion Ratio Lower Upper

95 100

174 100.4 0.0 186.0

176 94.8 0.0 181.6

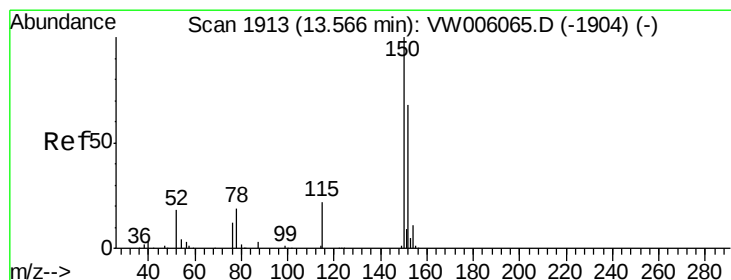
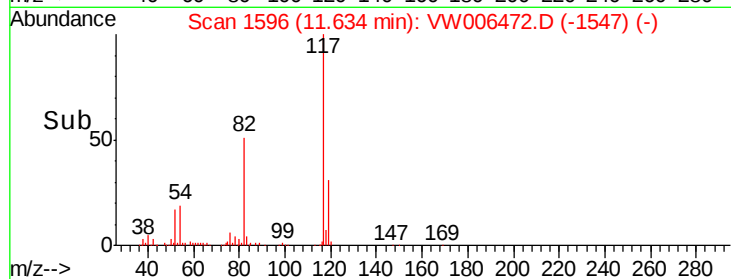
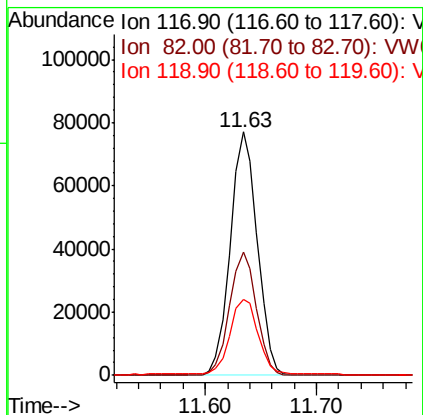
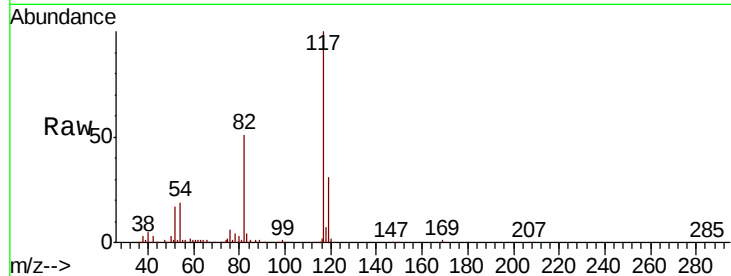




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

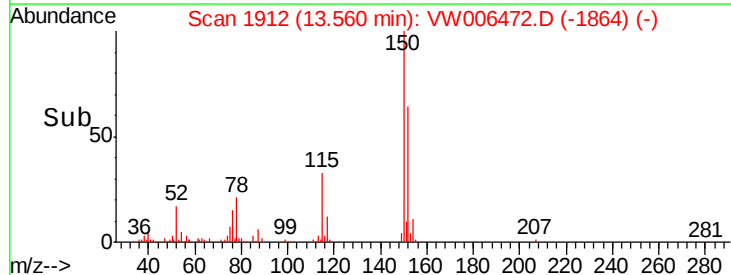
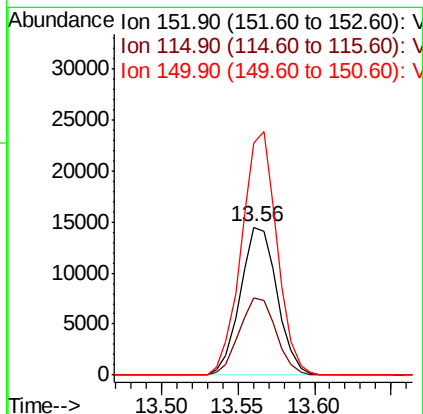
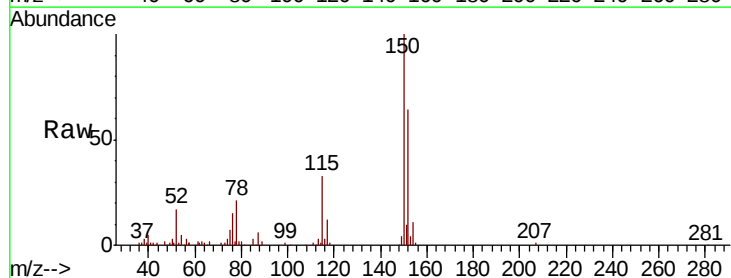
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-02BRE

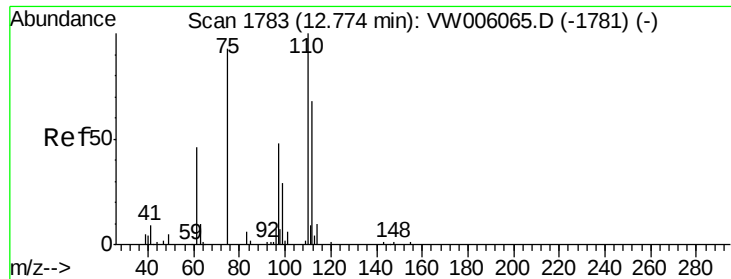
Tot Ion:117 Resp: 128688
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 30.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006472.D
Acq: 30 Oct 2018 01:00

Tgt Ion:152 Resp: 24192
Ion Ratio Lower Upper
152 100
115 52.1 27.8 83.3
150 157.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 98.637 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

Instrument :

MSVOA_W

ClientSampled :

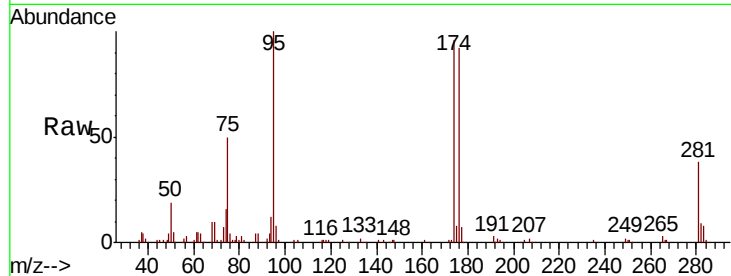
PA-SB-02BRE

Tot Ion: 75 Resp: 18226

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12000

10000

8000

6000

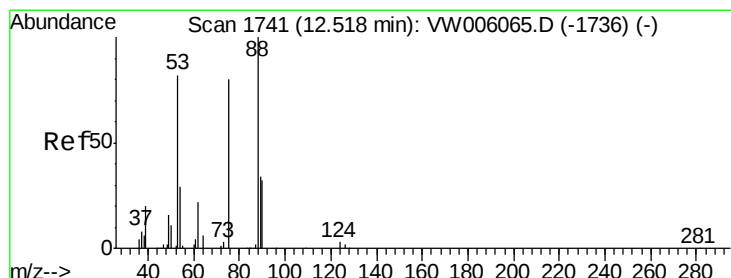
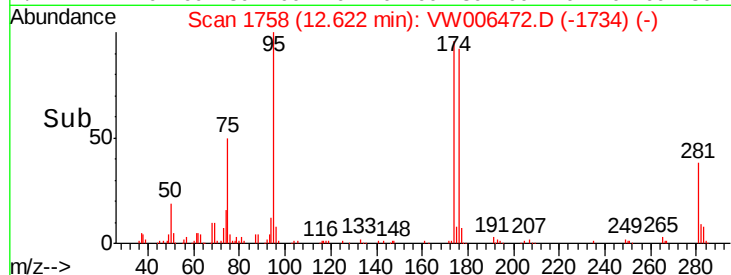
4000

2000

0

Time-->

12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 235.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006472.D

Acq: 30 Oct 2018 01:00

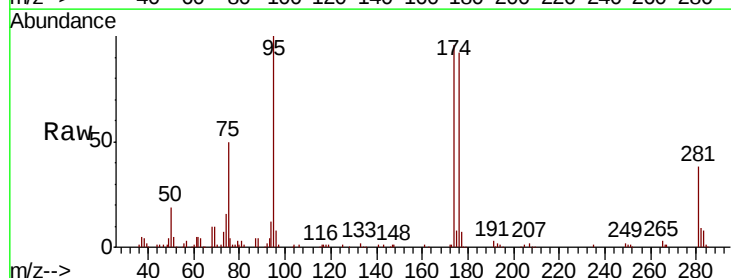
Tgt Ion: 75 Resp: 18226

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

15000

10000

5000

0

Time-->

12.55 12.60 12.65 12.70

