

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006530.D
 Acq On : 31 Oct 2018 17:02
 Operator : SY/AP
 Sample : J5711-05RE
 Misc : 6.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

Quant Time: Oct 31 17:27:07 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	382726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	548783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224088	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	129987	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	
35) Dibromofluoromethane	7.88	113	132503	40.86	ug/l	0.00
Spiked Amount			Recovery	=	81.72%	
50) Toluene-d8	10.33	98	506471	41.05	ug/l	0.00
Spiked Amount			Recovery	=	82.10%	
62) 4-Bromofluorobenzene	12.62	95	165353	35.69	ug/l	0.00
Spiked Amount			Recovery	=	71.38%	

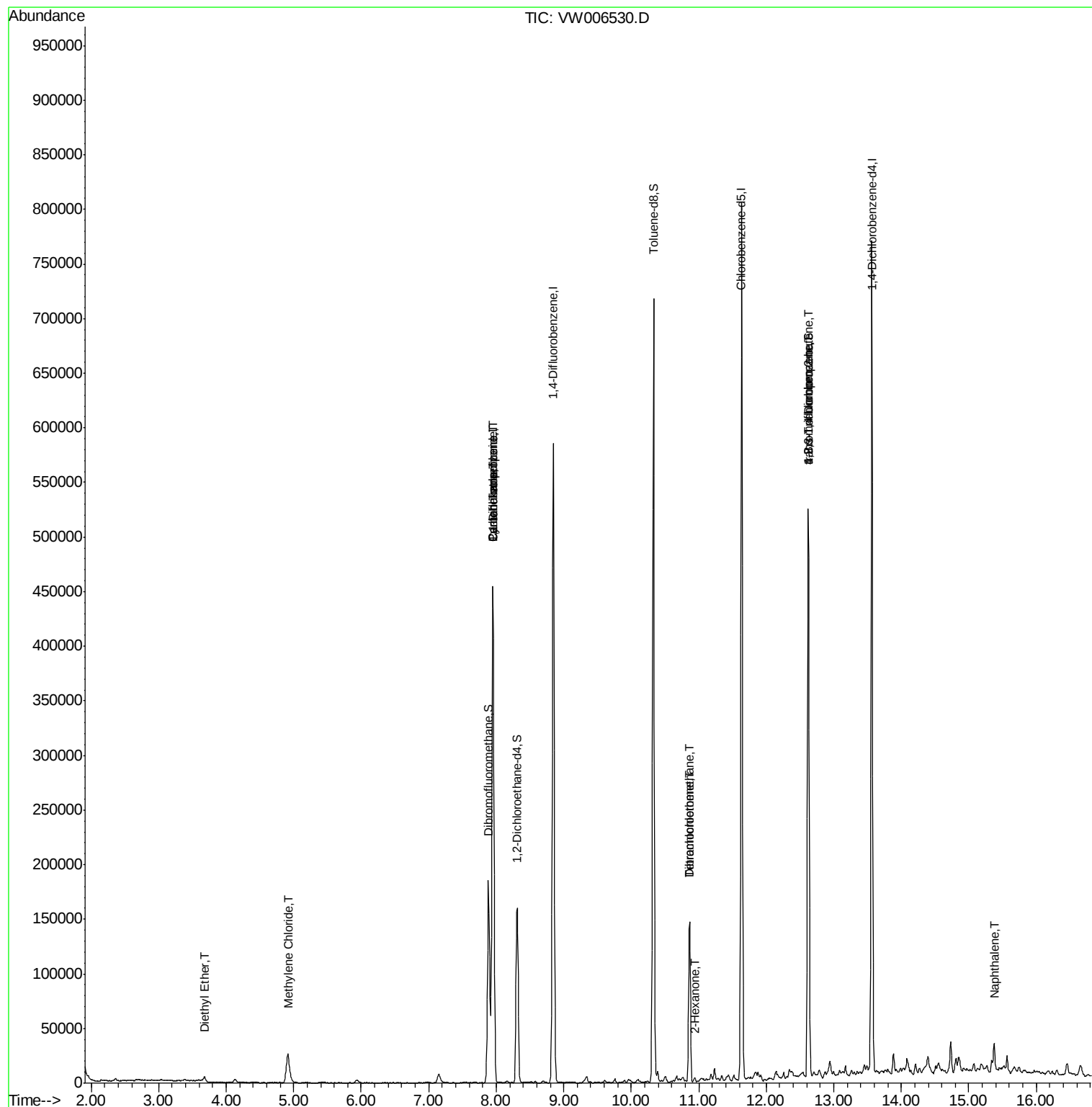
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3007	1.74	ug/l	95
16) Acetone	4.13	43	5774	Below Cal		97
20) Methylene Chloride	4.91	84	24427	5.84	ug/l	90
31) Cyclohexane	7.95	56	5942	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22816	4.51	ug/l #	48
38) Carbon Tetrachloride	7.95	117	33241	5.99	ug/l #	16
59) 2-Hexanone	10.94	43	1778	1.29	ug/l #	25
60) Dibromochloromethane	10.87	129	29515	8.95	ug/l #	11
64) Tetrachloroethene	10.87	164	36781	9.80	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	78678	45.97	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78678	109.88	ug/l #	10
95) Naphthalene	15.38	128	25363	2.88	ug/l #	96

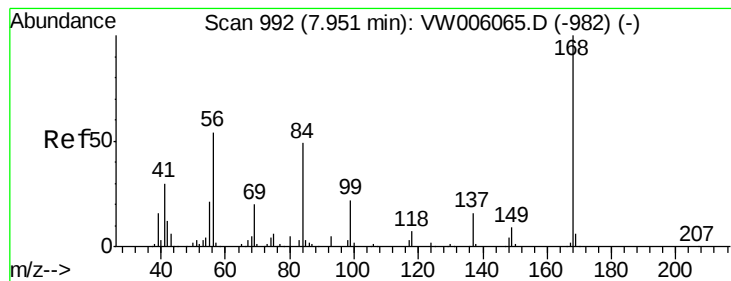
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006530.D
Acq On : 31 Oct 2018 17:02
Operator : SY/AP
Sample : J5711-05RE
Misc : 6.02G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-6

Quant Time: Oct 31 17:27:07 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: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006530.D

Acq: 31 Oct 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

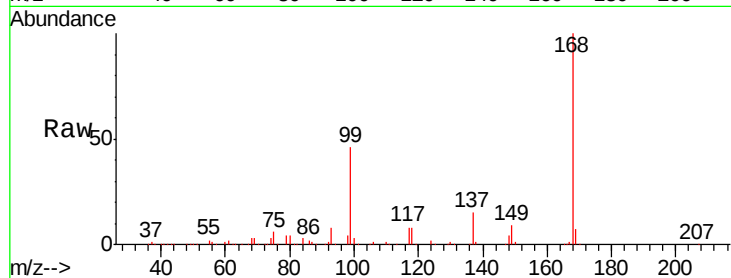
SB-6

Tgt Ion:168 Resp: 382726

Ion Ratio Lower Upper

168 100

99 46.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

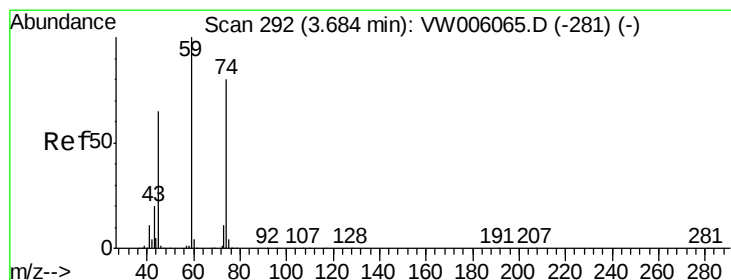
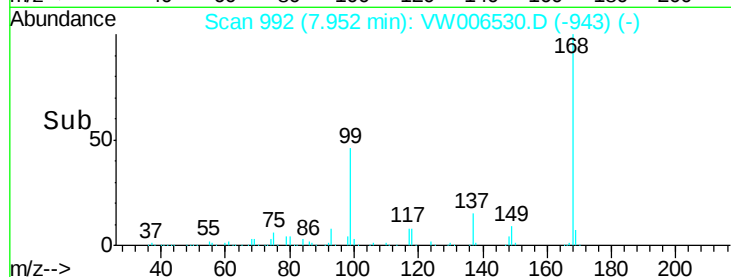
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.74 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006530.D

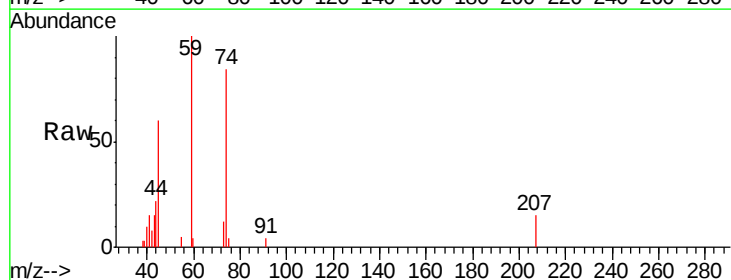
Acq: 31 Oct 2018 17:02

Tgt Ion: 74 Resp: 3007

Ion Ratio Lower Upper

74 100

45 81.2 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

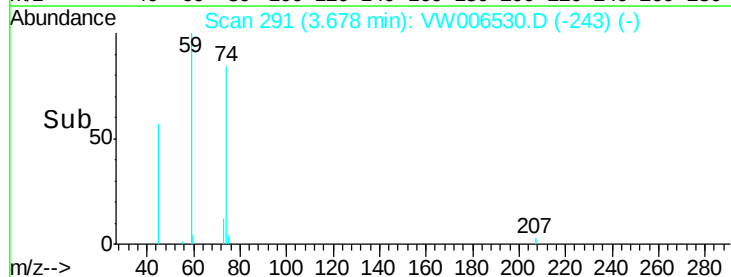
1500

1000

500

0

Time--> 3.60 3.65 3.70 3.75

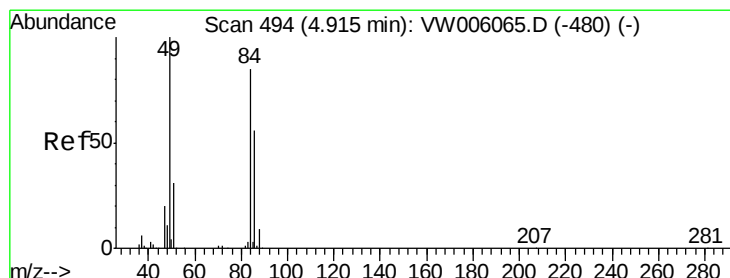
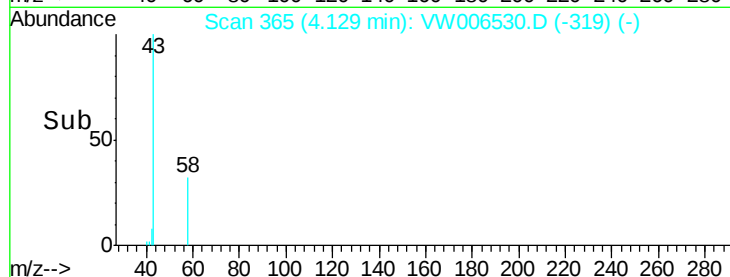
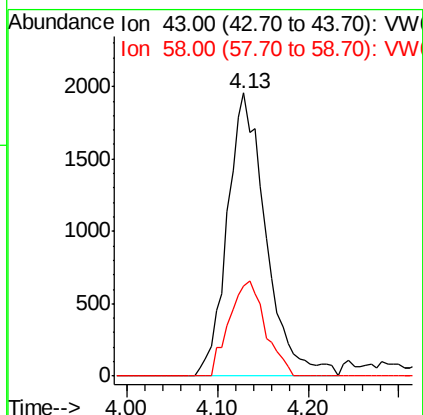
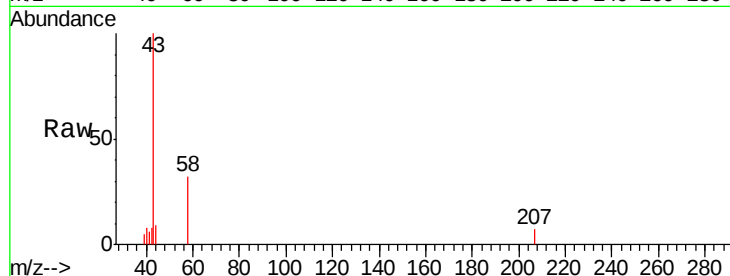




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

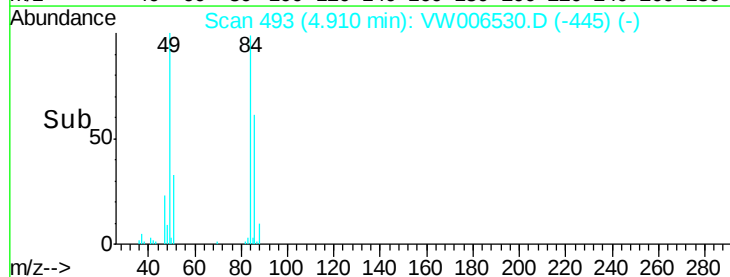
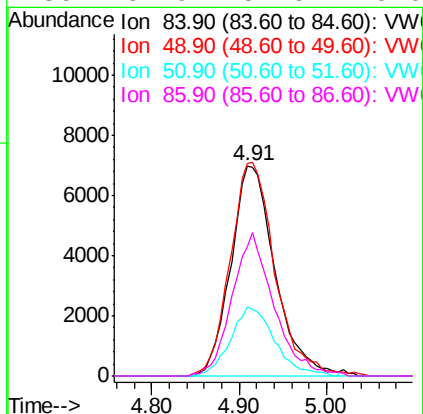
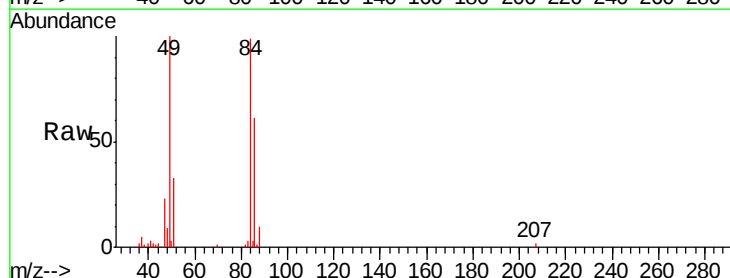
Instrument :
MSVOA_W
ClientSampled :
SB-6

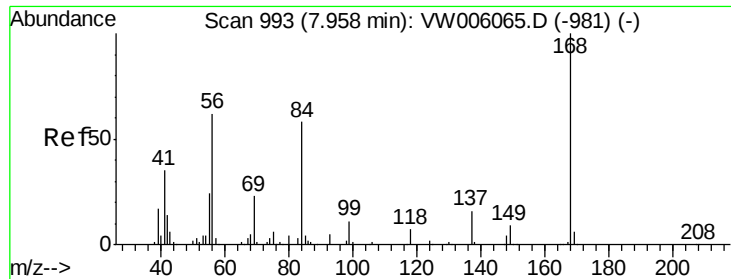
Tgt Ion: 43 Resp: 5774
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0



#20
Methylene Chloride
Concen: 5.84 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Tgt Ion: 84 Resp: 24427
Ion Ratio Lower Upper
84 100
49 101.0 93.6 140.4
51 32.8 29.0 43.4
86 61.9 52.6 79.0

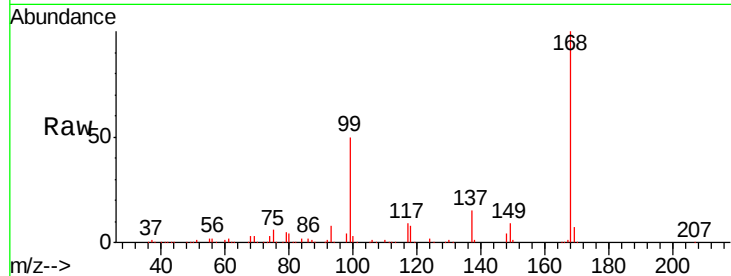




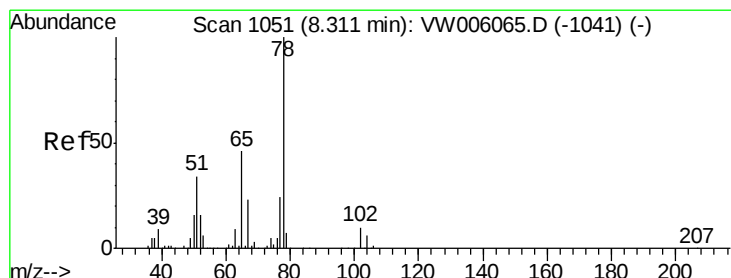
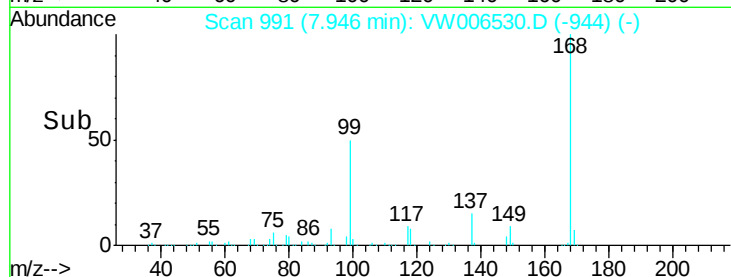
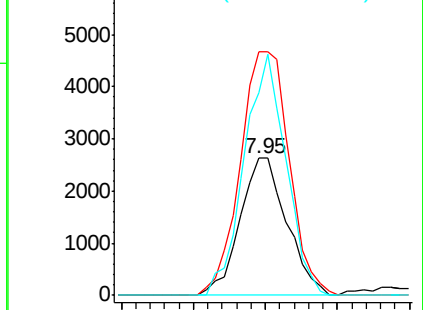
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Instrument :
MSVOA_W
ClientSampleId :
SB-6

Tgt Ion: 56 Resp: 5942
Ion Ratio Lower Upper
56 100
69 177.5 29.4 44.0#
84 147.8 74.0 111.0#

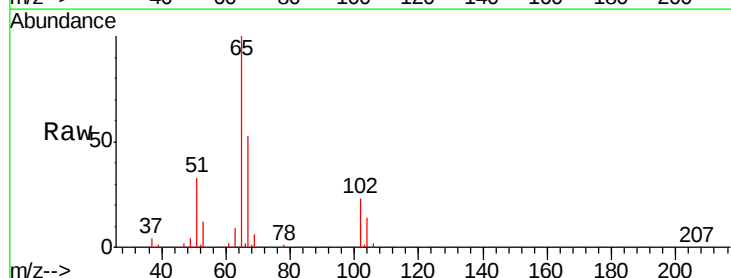


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

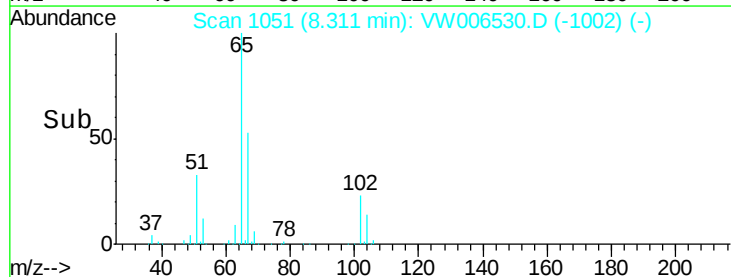
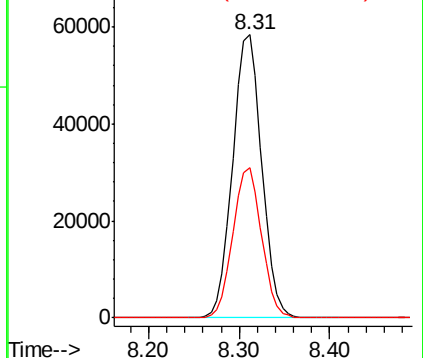


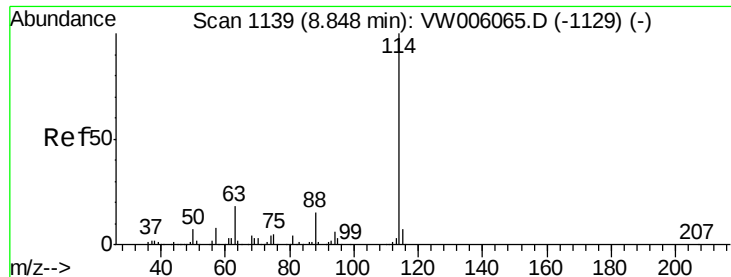
#33
1,2-Dichloroethane-d4
Concen: 40.97 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Tgt Ion: 65 Resp: 129987
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.0



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

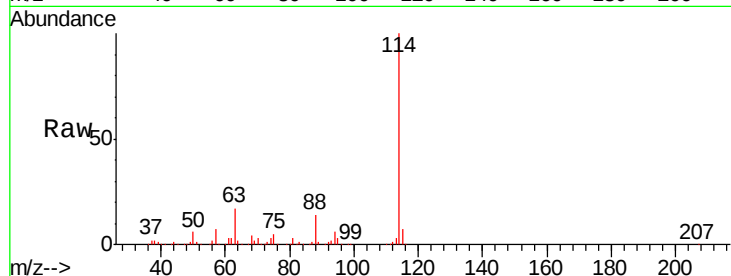




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

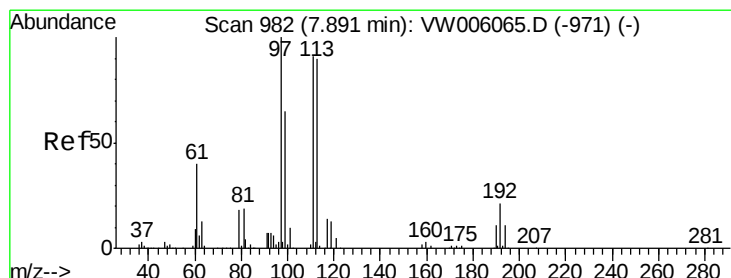
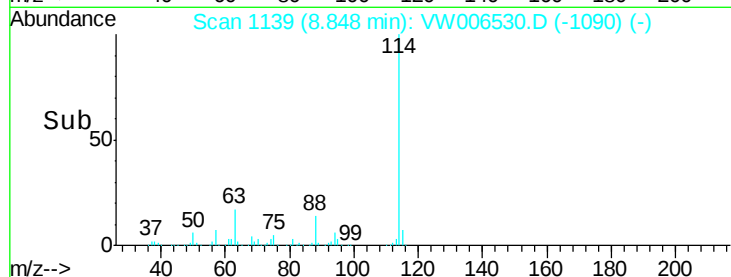
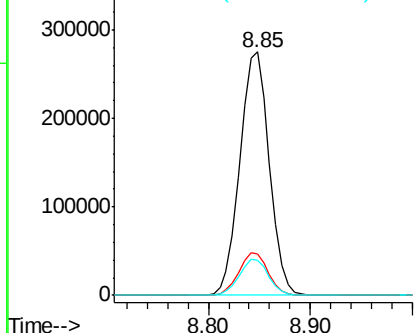
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.8
88	14.3	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

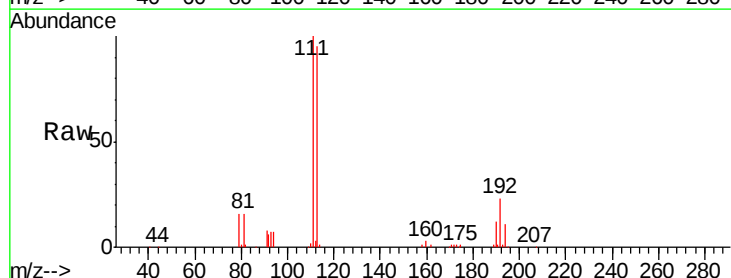
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 40.86 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

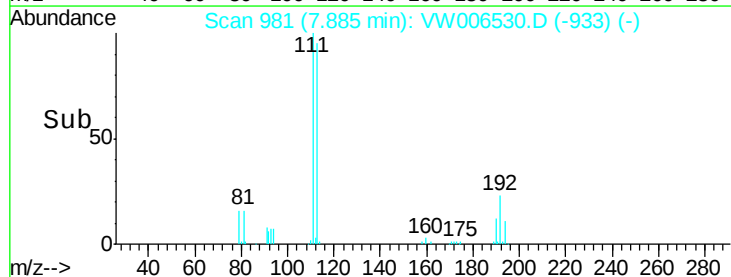
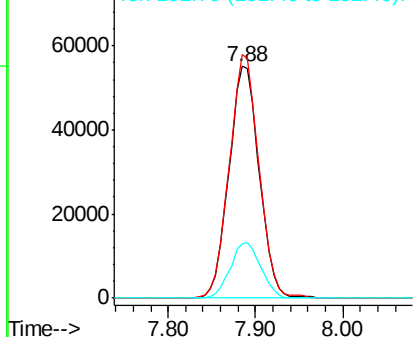
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.1	18.7	28.1

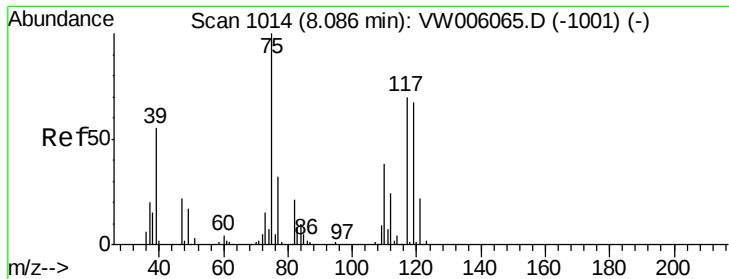


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

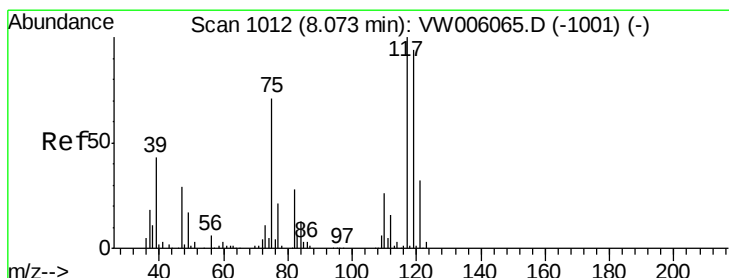
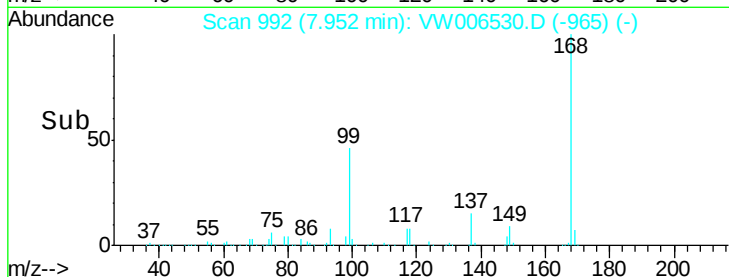
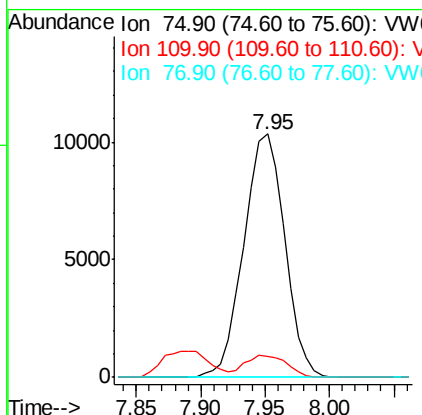
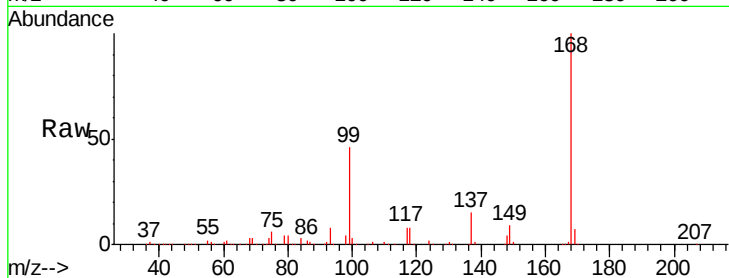




#36
 1,1-Dichloropropene
 Concen: 4.51 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

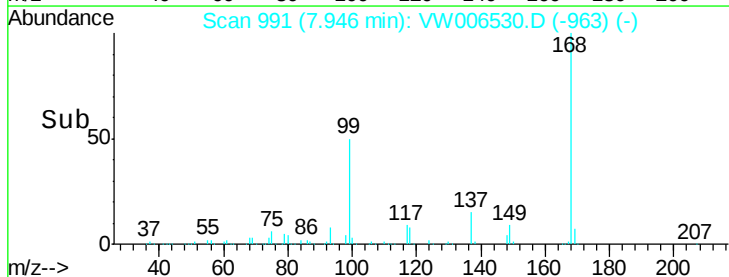
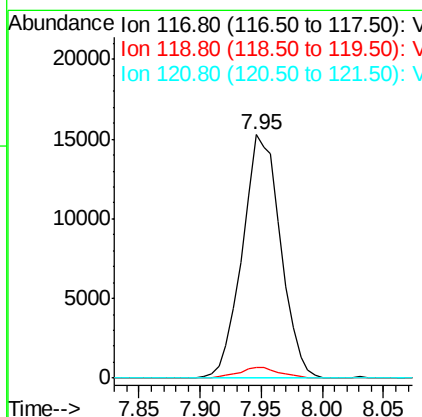
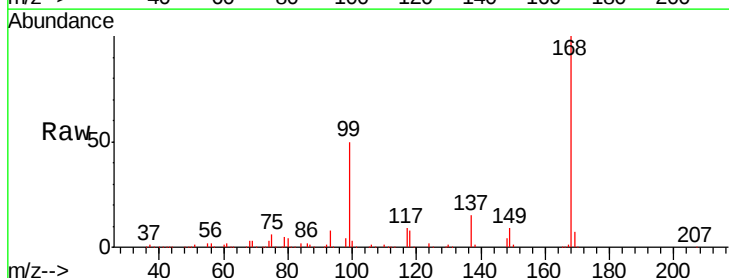
Instrument :
 MSVOA_W
 ClientSampled :
 SB-6

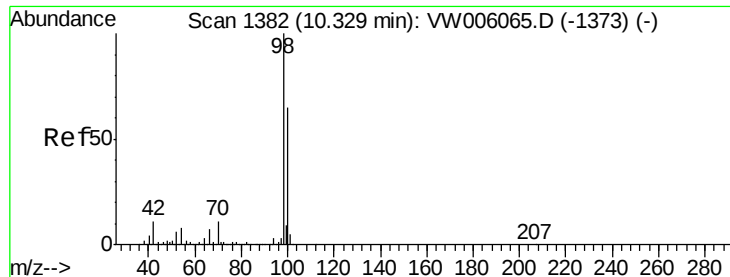
Tgt Ion: 75 Resp: 22816
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.99 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Tgt Ion: 117 Resp: 33241
 Ion Ratio Lower Upper
 117 100
 119 4.5 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 41.05 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006530.D

Acq: 31 Oct 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

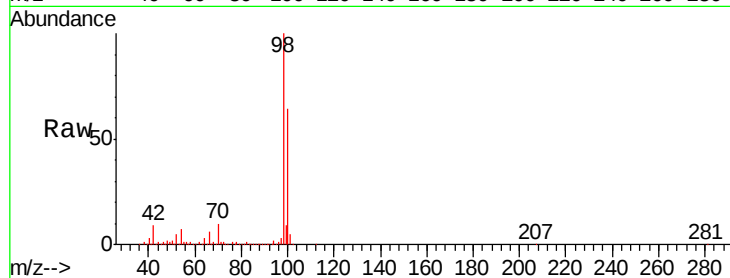
SB-6

Tgt Ion: 98 Resp: 506471

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

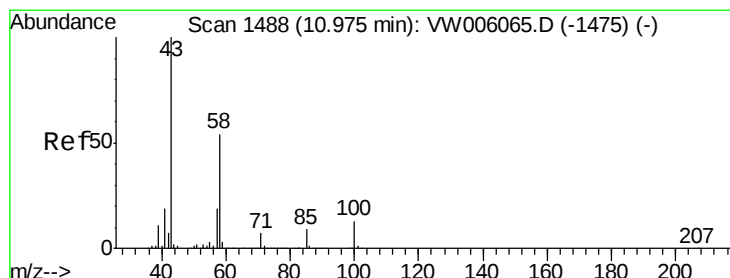
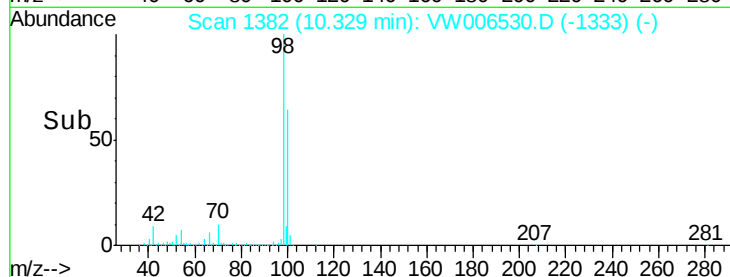
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 1.29 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW006530.D

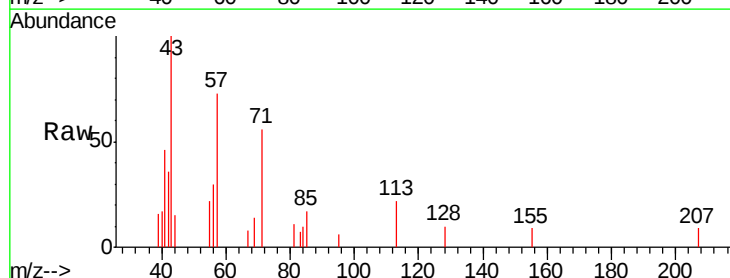
Acq: 31 Oct 2018 17:02

Tgt Ion: 43 Resp: 1778

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.94

1000

800

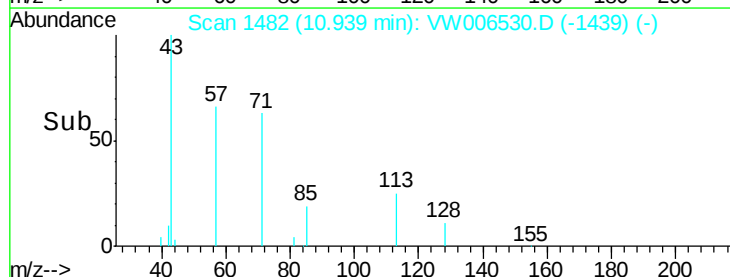
600

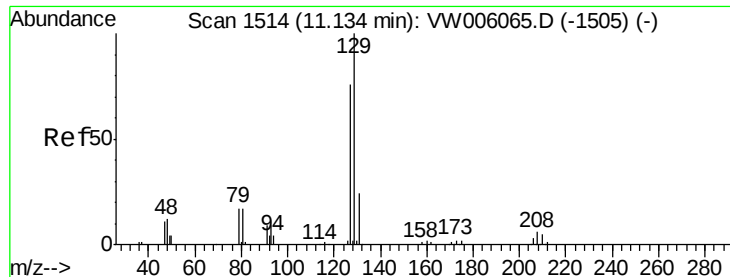
400

200

0

Time-->

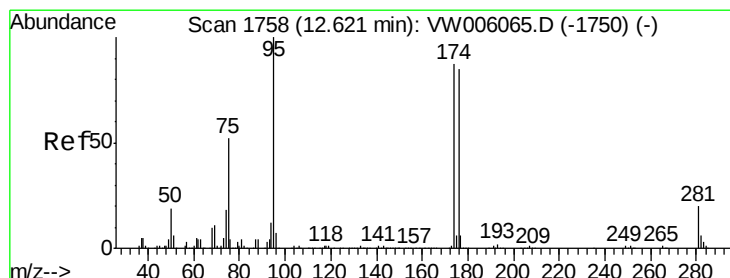
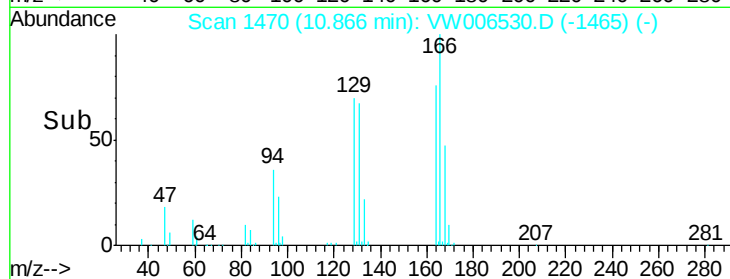
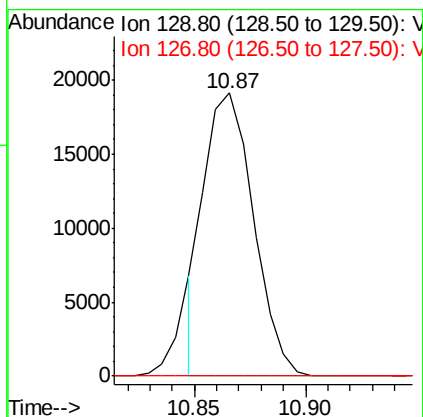
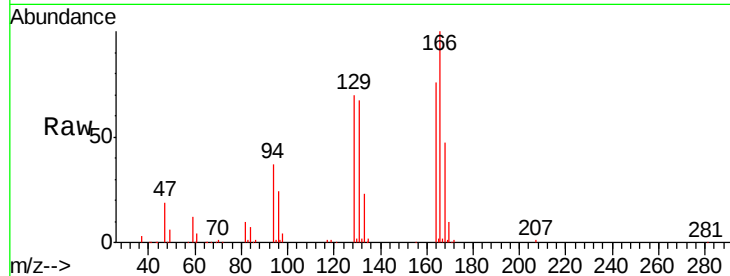




#60
 Dibromochloromethane
 Concen: 8.95 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

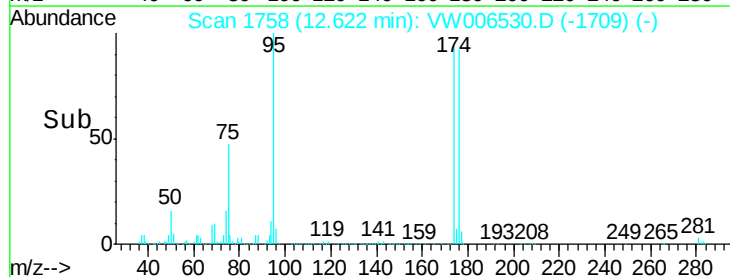
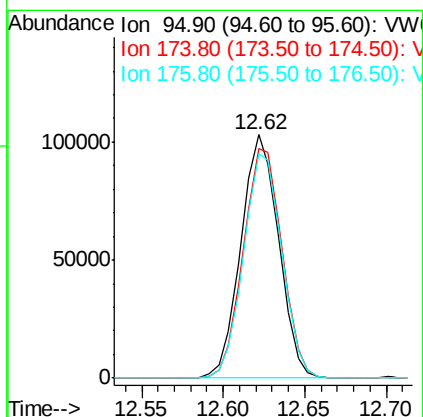
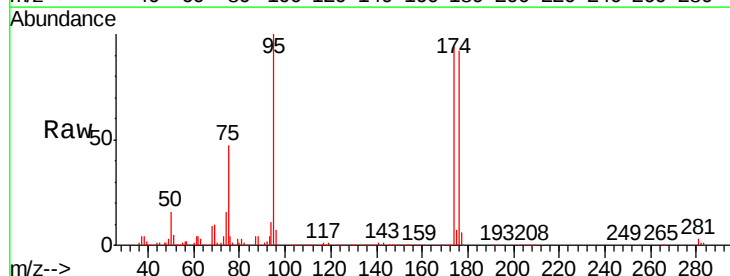
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

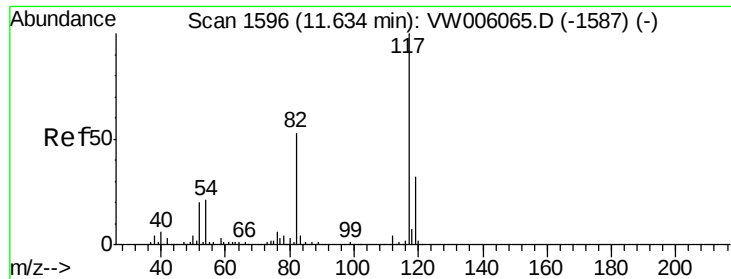
Tgt Ion: 129 Resp: 29515
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.7#



#62
 4-Bromofluorobenzene
 Concen: 35.69 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Tgt Ion: 95 Resp: 165353
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 186.0
 176 94.2 0.0 181.6

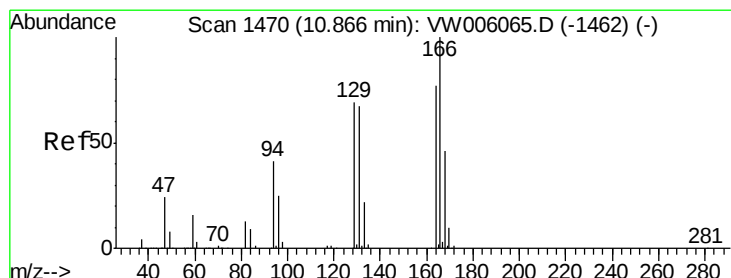
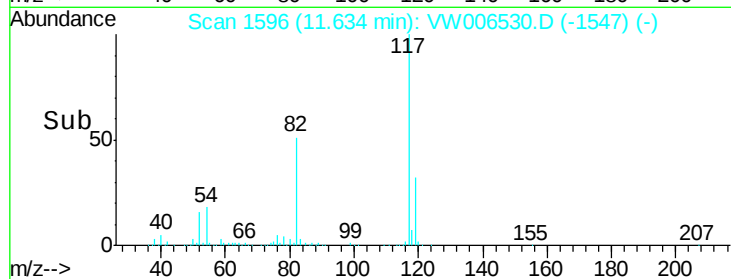
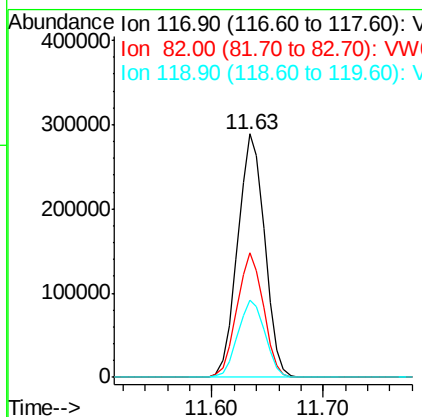
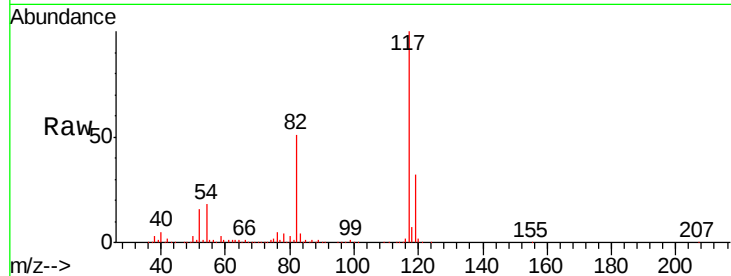




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

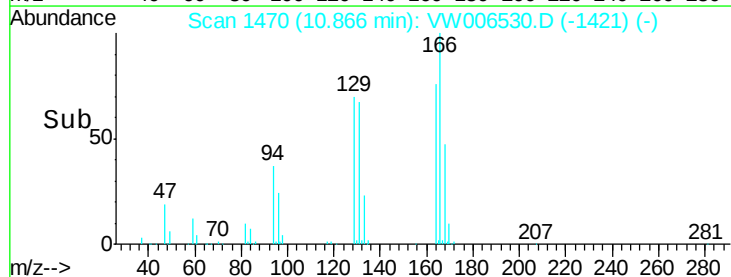
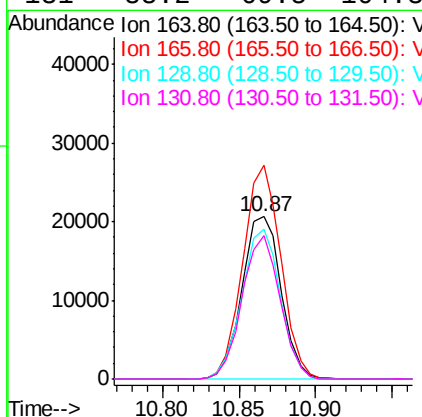
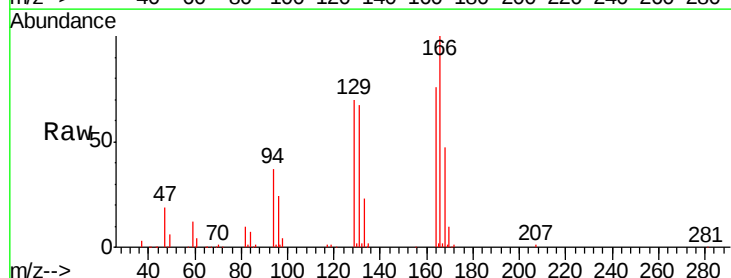
Instrument :
MSVOA_W
ClientSampleId :
SB-6

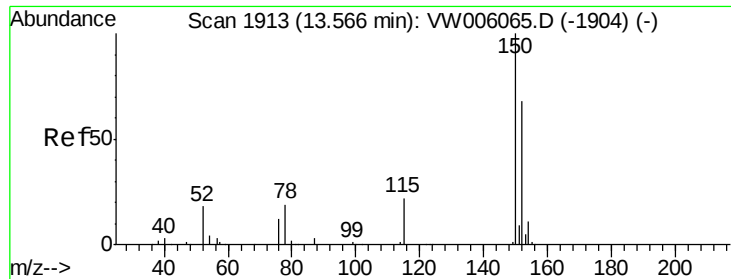
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.1	63.1
119	31.5	25.8	38.6



#64
Tetrachloroethene
Concen: 9.80 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	103.4	155.0
129	92.8	71.8	107.8
131	88.2	69.5	104.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006530.D

Acq: 31 Oct 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

SB-6

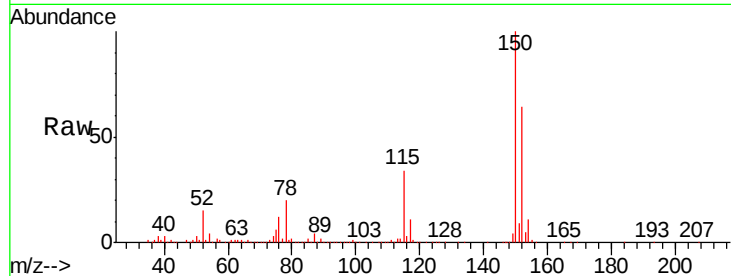
Tgt Ion:152 Resp: 224088

Ion Ratio Lower Upper

152 100

115 53.9 27.8 83.3

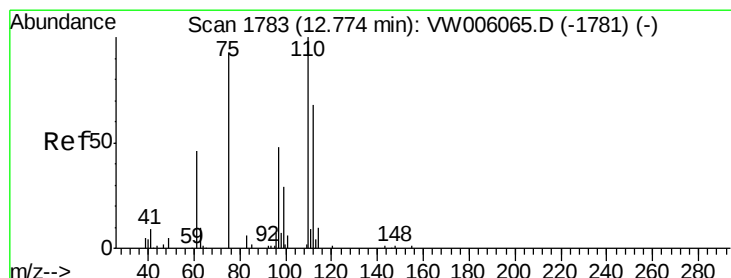
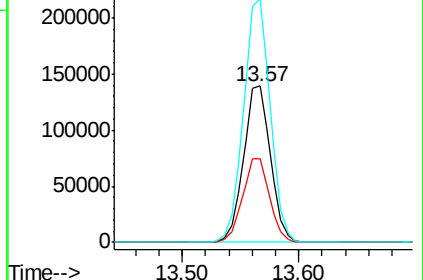
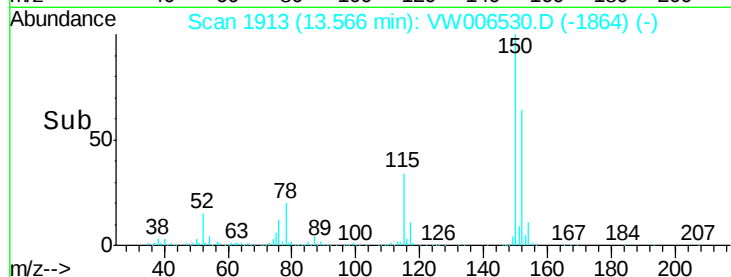
150 155.0 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 45.97 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006530.D

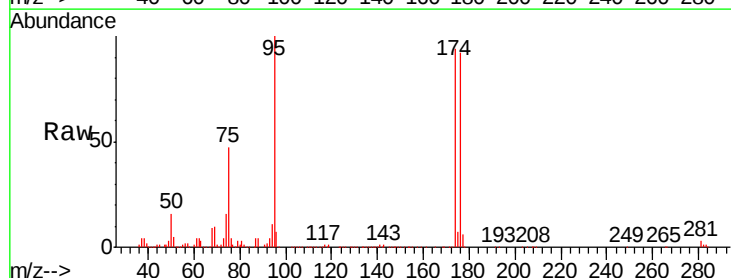
Acq: 31 Oct 2018 17:02

Tgt Ion: 75 Resp: 78678

Ion Ratio Lower Upper

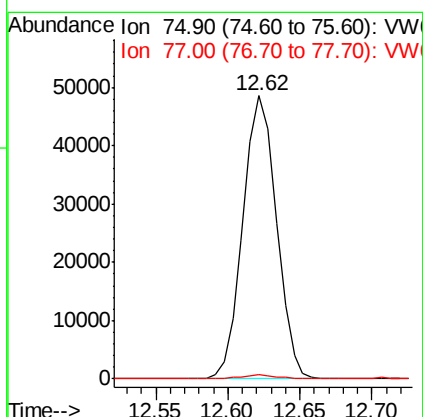
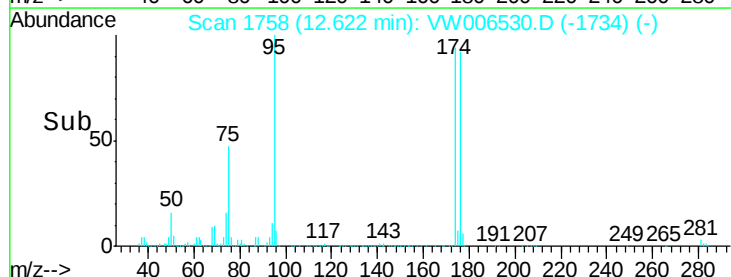
75 100

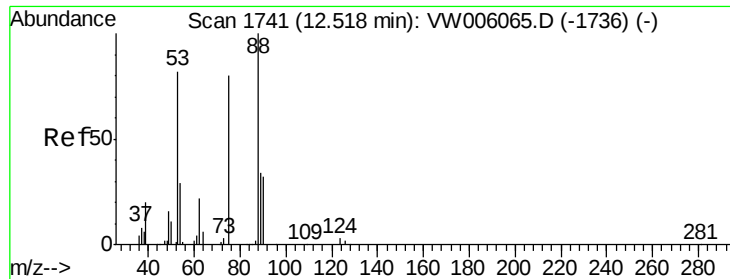
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

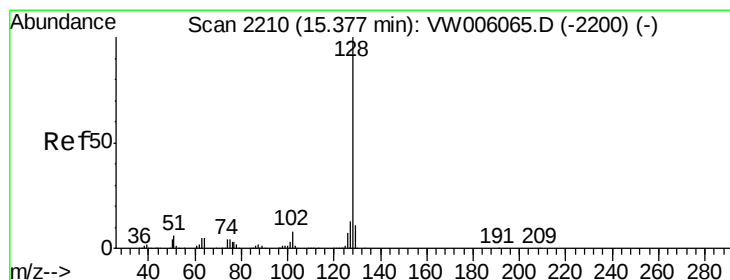
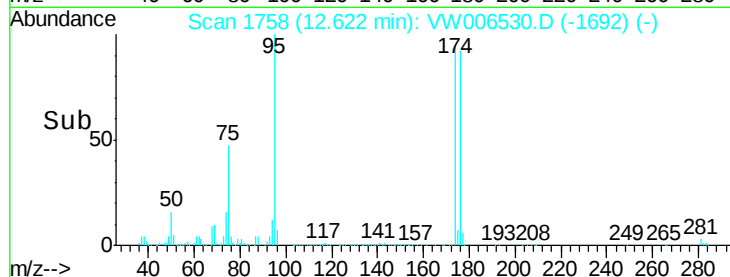
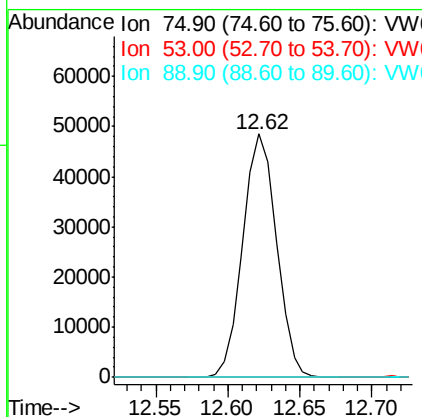
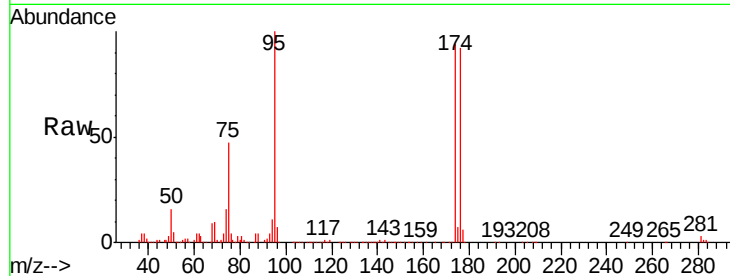




#81
trans-1,4-Dichloro-2-butene
Concen: 109.88 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Instrument :
MSVOA_W
ClientSampled :
SB-6

Tgt Ion: 75 Resp: 78678
Ion Ratio Lower Upper
75 100
53 0.1 79.8 119.6#
89 0.0 37.5 56.3#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Tgt Ion: 128 Resp: 25363
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 13.2 8.7 13.1#

