

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005161.D
 Acq On : 06 Sep 2018 14:08
 Operator : SY/AP
 Sample : J4764-01RE
 Misc : 5.82G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SPRE

Quant Time: Sep 06 15:02:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	245438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	420469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191721	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	154044	75.71	ug/l	0.00
Spiked Amount			Recovery	=	151.42%	
35) Dibromofluoromethane	7.89	113	140	0.06	ug/l	0.00
Spiked Amount			Recovery	=	0.12%	
50) Toluene-d8	10.33	98	550228	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	182297	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	

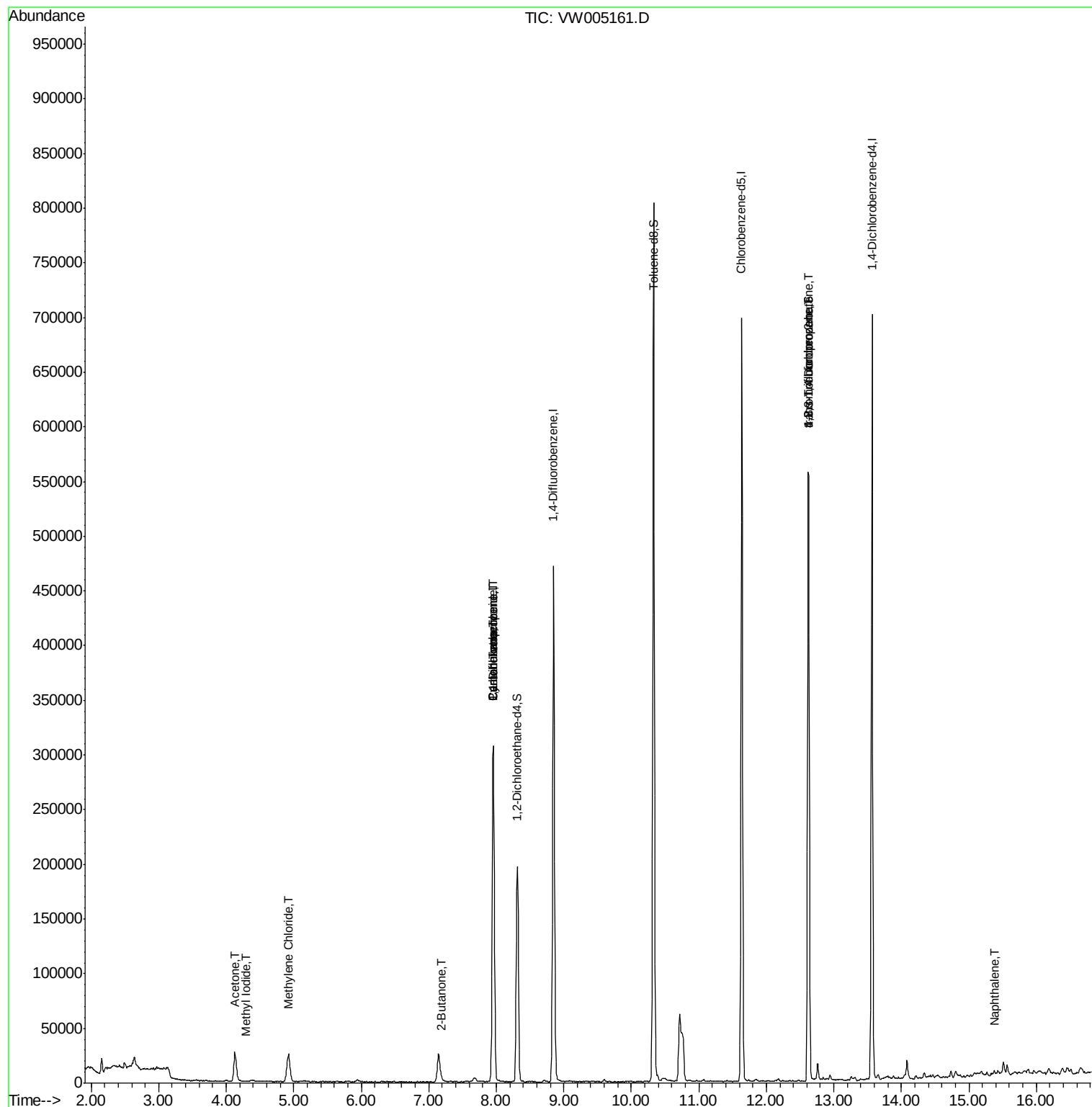
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	658	Below Cal	#	26
10) Methyl Iodide	4.29	142	384	3.929	ug/l #	67
11) Tert butyl alcohol	5.15	59	823	Below Cal	#	72
16) Acetone	4.13	43	46938	115.036	ug/l	100
20) Methylene Chloride	4.93	84	21702	4.316	ug/l	95
25) 2-Butanone	7.19	43	5056	7.144	ug/l #	80
31) Cyclohexane	7.95	56	4445	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17479	4.546	ug/l #	46
38) Carbon Tetrachloride	7.96	117	22143	6.057	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	85811	59.628	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85811	143.518	ug/l #	15
95) Naphthalene	15.38	128	3705	4.473	ug/l #	91

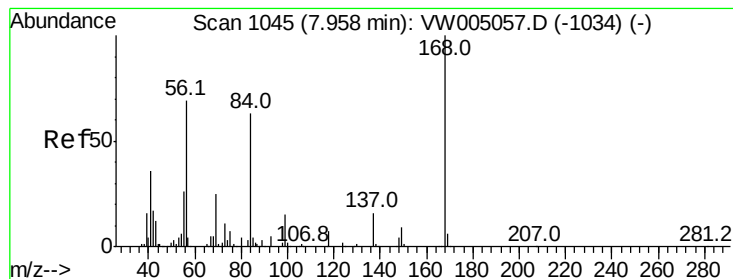
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

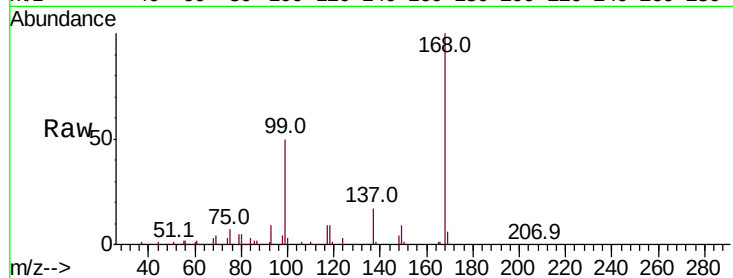
SPRE

Tot Ion:168 Resp: 245438

Ion Ratio Lower Upper

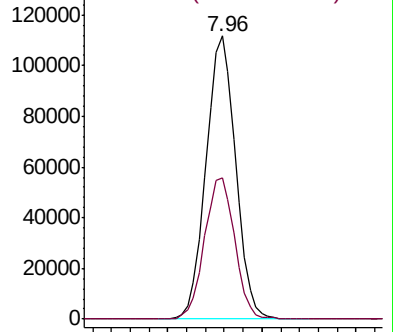
168 100

99 49.9 39.4 59.0

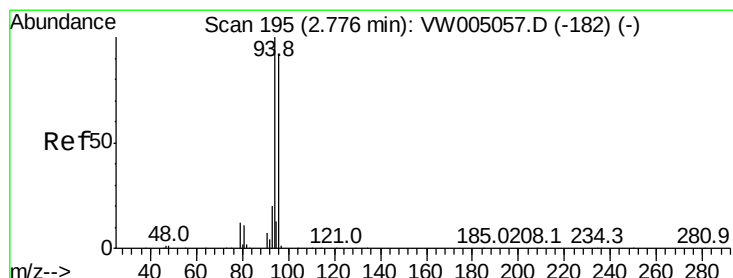
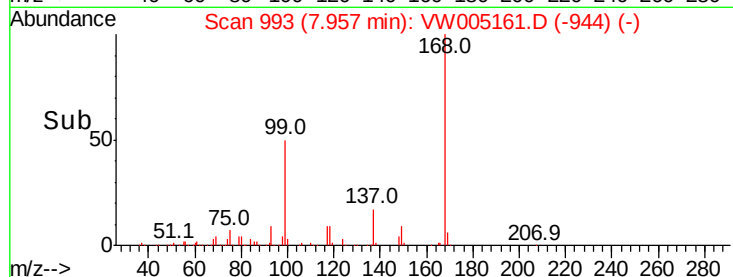


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005161.D

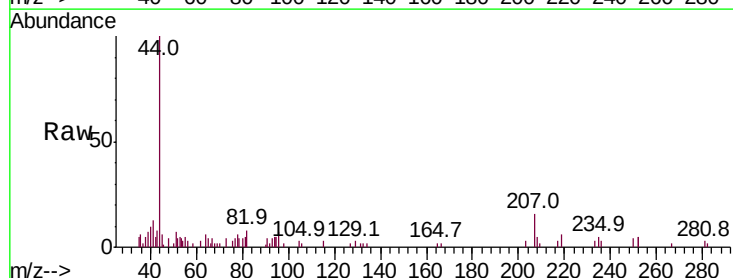
Acq: 06 Sep 2018 14:08

Tgt Ion: 94 Resp: 658

Ion Ratio Lower Upper

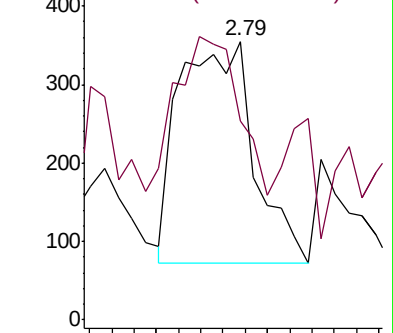
94 100

96 21.2 73.2 109.8#

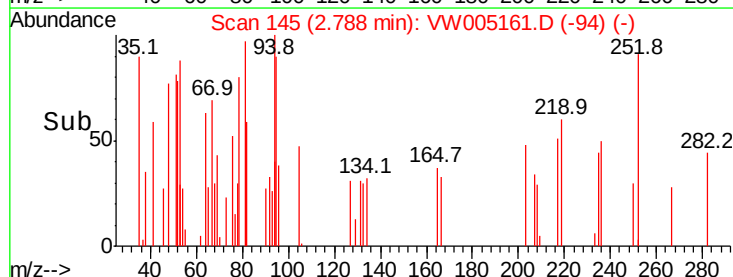


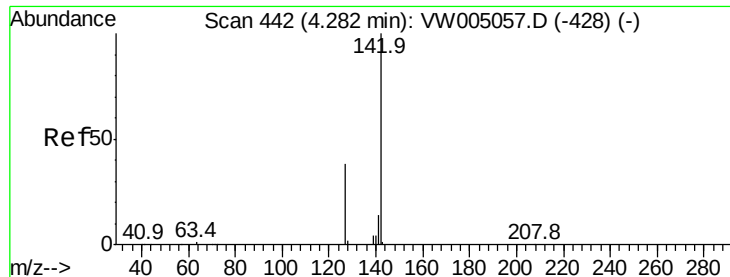
Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->





#10

Methvl Iodide

Concen: 3.929 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.01 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

SPRE

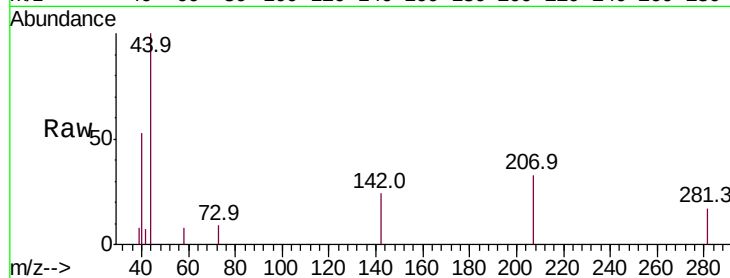
Tot Ion:142 Resp: 384

Ion Ratio Lower Upper

142 100

127 18.8 30.8 46.2#

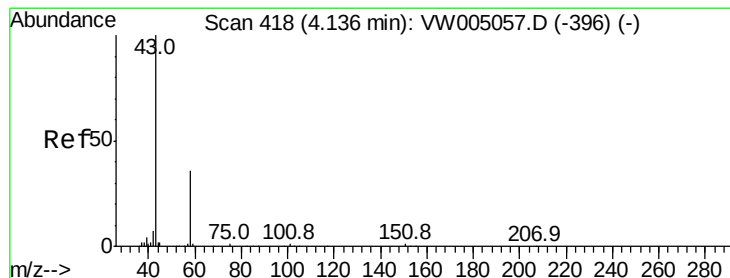
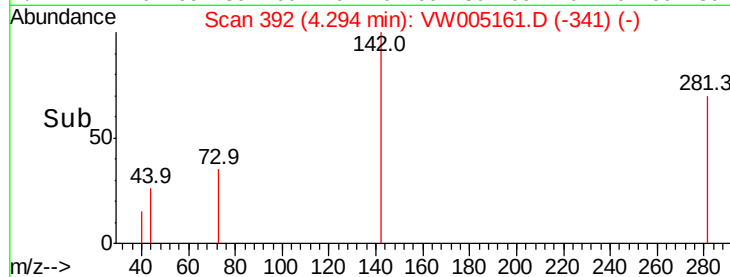
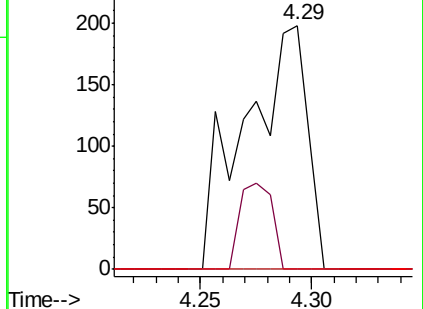
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 115.036 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005161.D

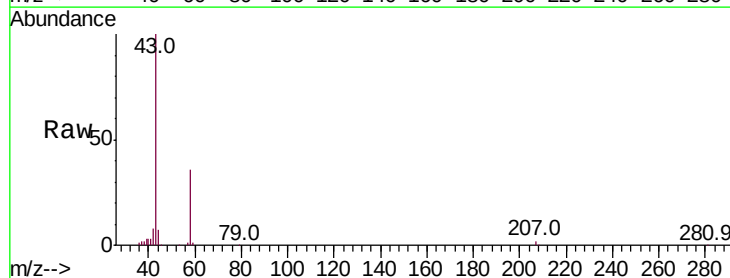
Acq: 06 Sep 2018 14:08

Tgt Ion: 43 Resp: 46938

Ion Ratio Lower Upper

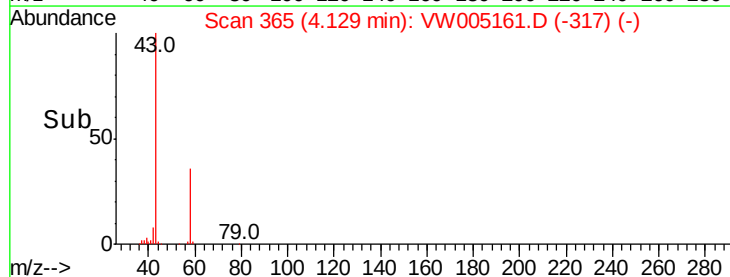
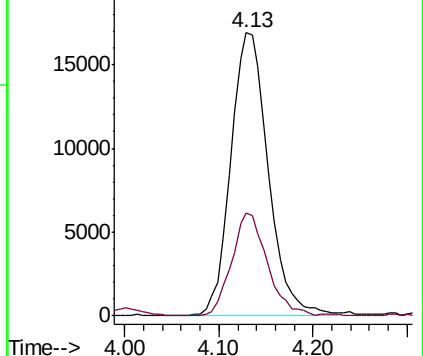
43 100

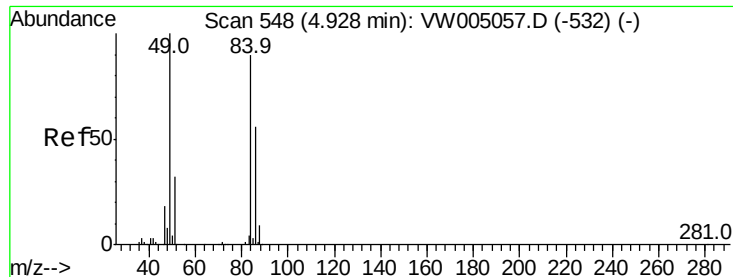
58 36.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

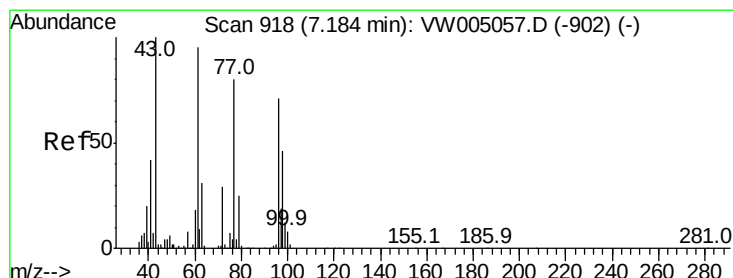
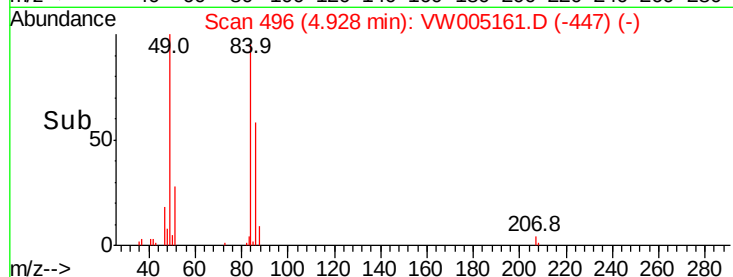
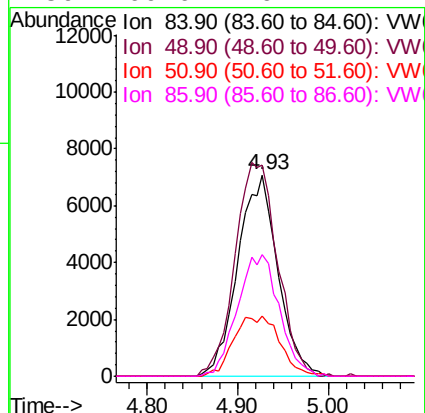
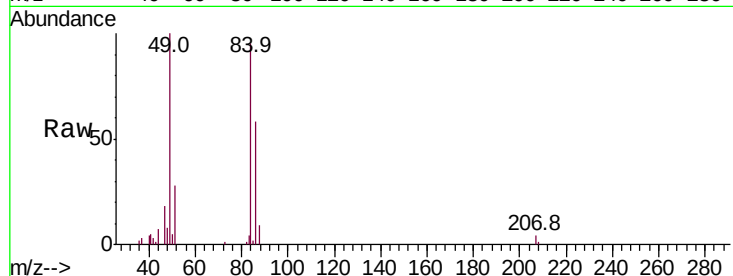




#20
Methvlene Chloride
Concen: 4.316 ug/l
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

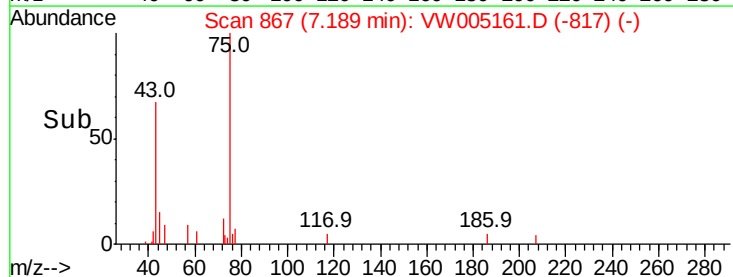
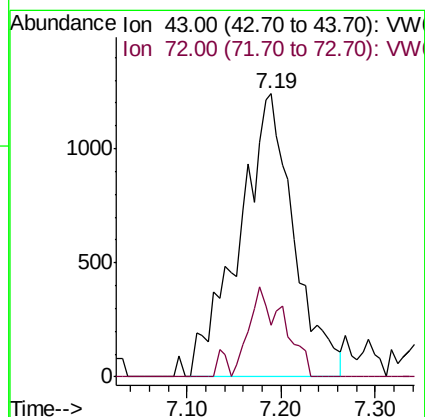
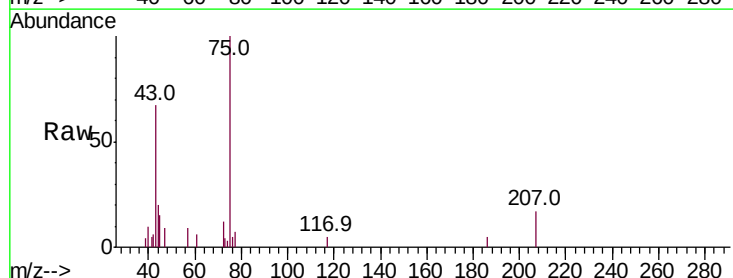
Instrument :
MSVOA_W
ClientSampled :
SPRE

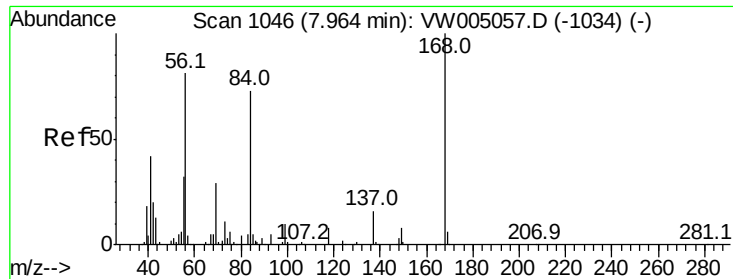
Tot Ion:	84	Resp:	21702
Ion	Ratio	Lower	Upper
84	100		
49	105.2	88.7	133.1
51	29.6	28.6	42.8
86	60.6	49.4	74.2



#25
2-Butanone
Concen: 7.144 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

Tgt Ion:	43	Resp:	5056
Ion	Ratio	Lower	Upper
43	100		
72	18.5	23.1	34.7#

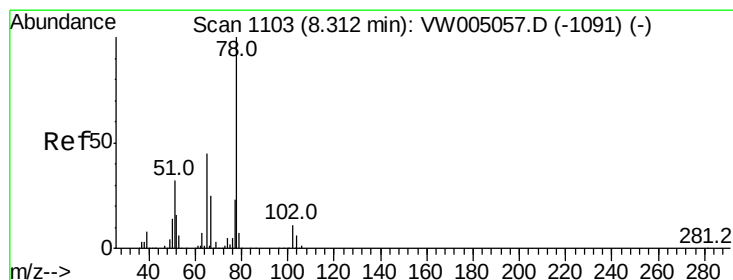
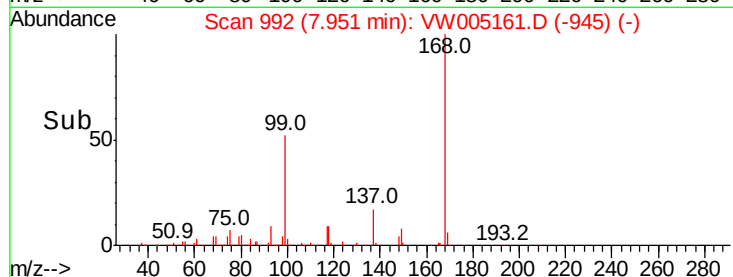
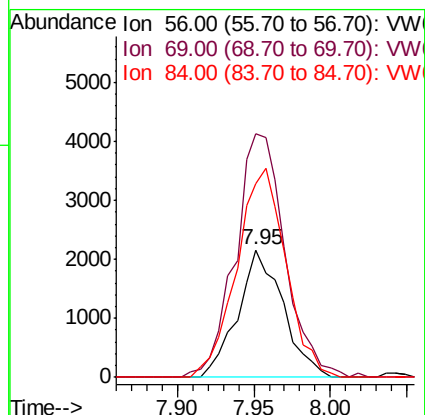
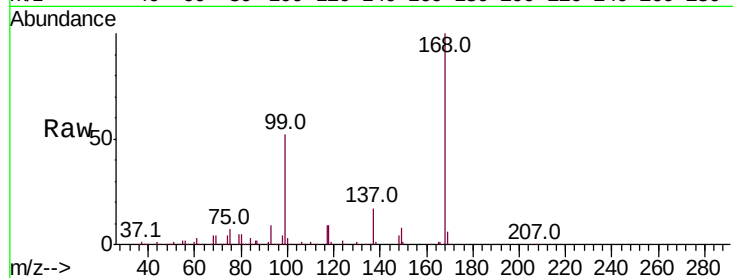




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

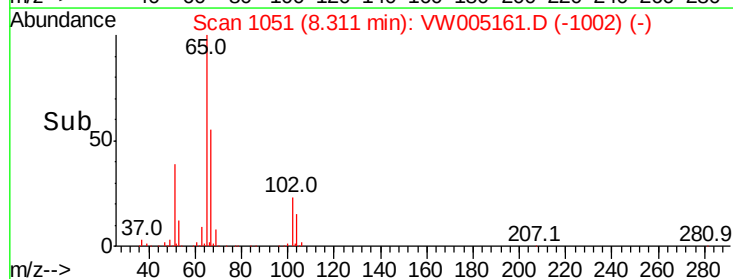
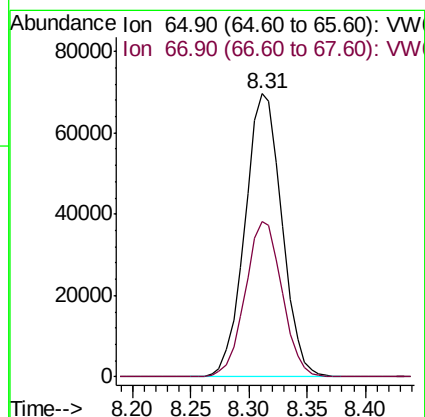
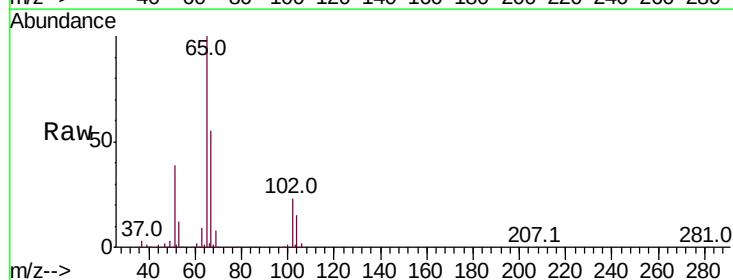
Instrument :
MSVOA_W
ClientSampled :
SPRE

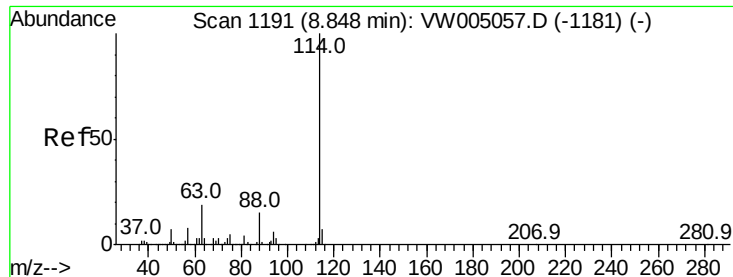
Tot Ion: 56 Resp: 4445
Ion Ratio Lower Upper
56 100
69 187.4 28.2 42.2#
84 152.1 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 75.713 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

Tgt Ion: 65 Resp: 154044
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

SPRE

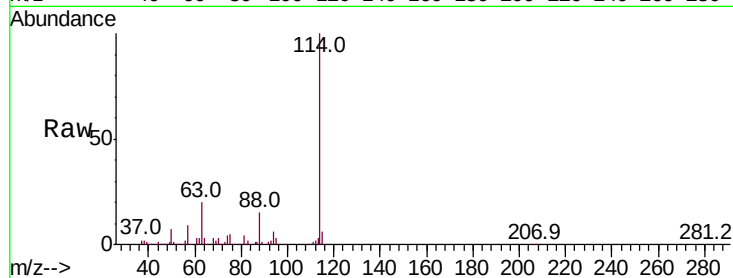
Tot Ion:114 Resp: 403713

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

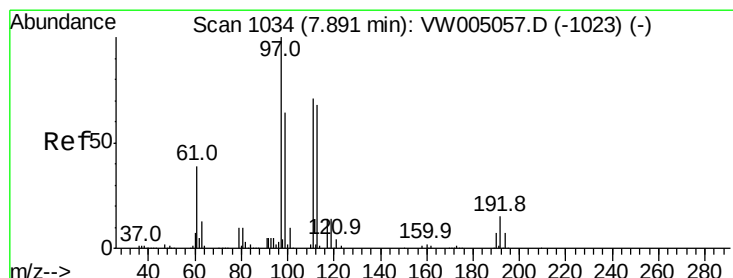
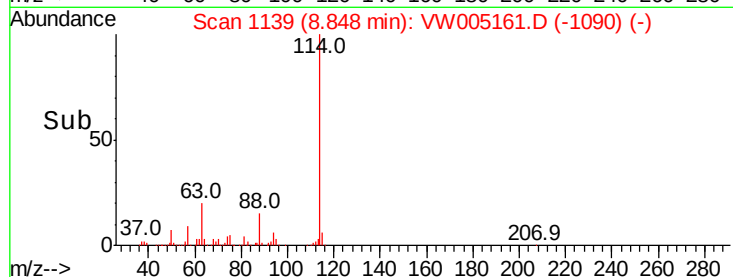
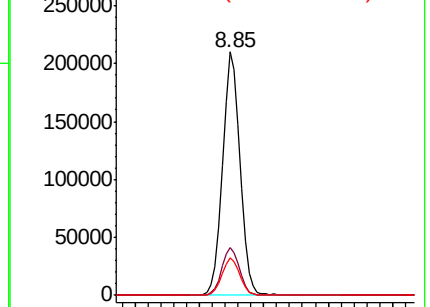
88 15.5 0.0 30.2



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: 0.060 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

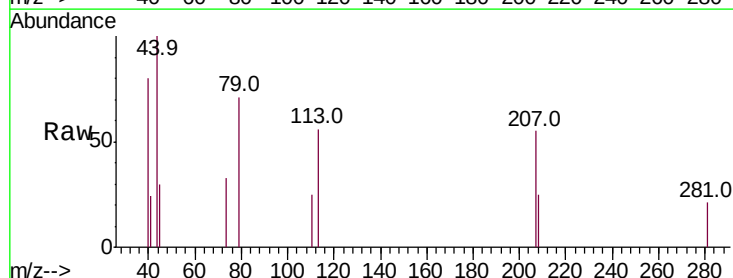
Tgt Ion:113 Resp: 140

Ion Ratio Lower Upper

113 100

111 95.0 82.2 123.2

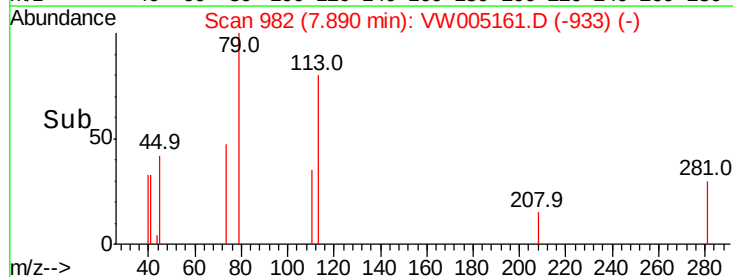
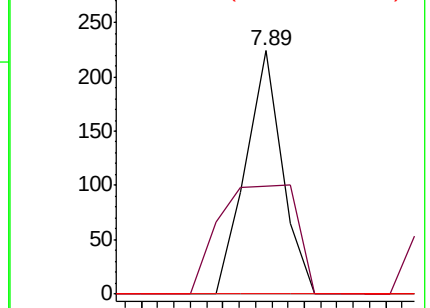
192 0.0 18.1 27.1#

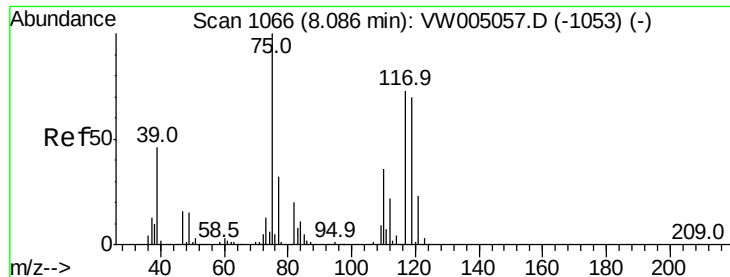


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.546 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

SPRE

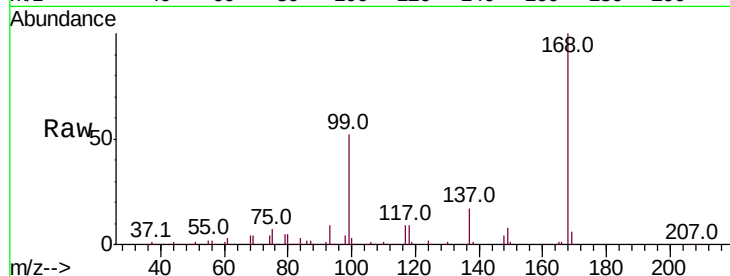
Tot Ion: 75 Resp: 17479

Ion Ratio Lower Upper

75 100

110 7.5 18.9 56.7#

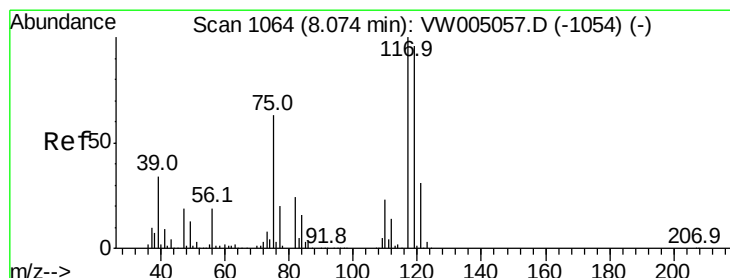
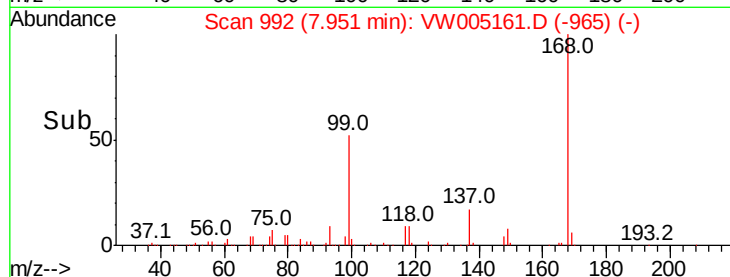
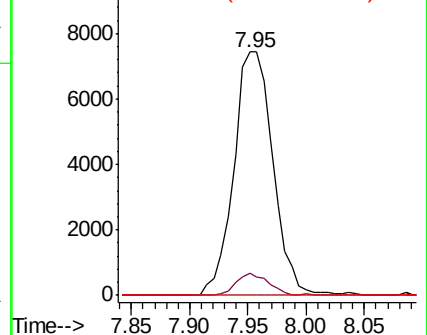
77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

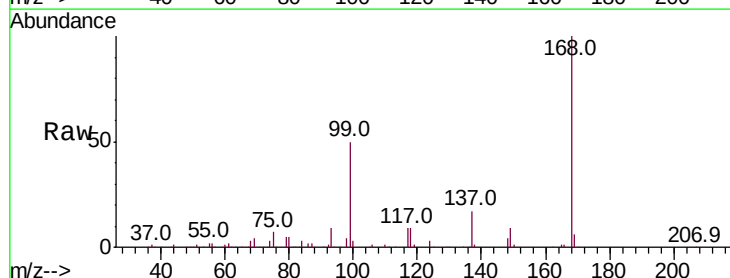
Tgt Ion: 117 Resp: 22143

Ion Ratio Lower Upper

117 100

119 5.9 76.6 115.0#

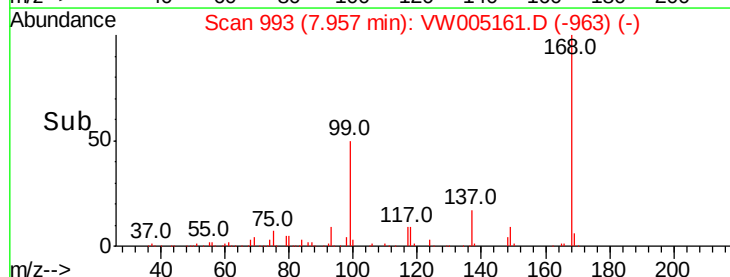
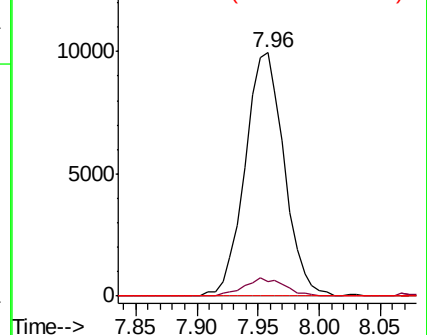
121 0.0 24.8 37.2#

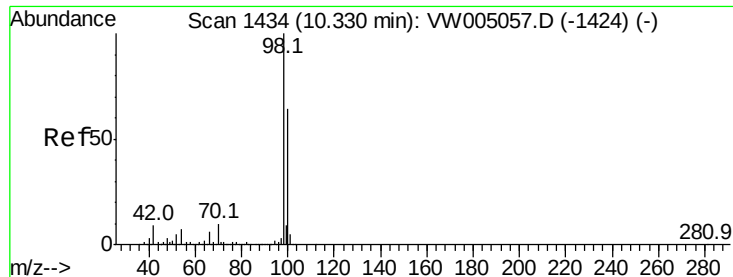


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

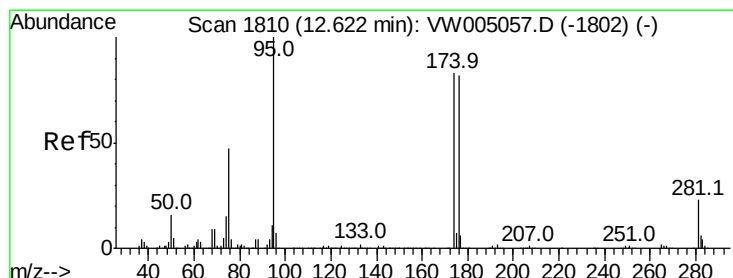
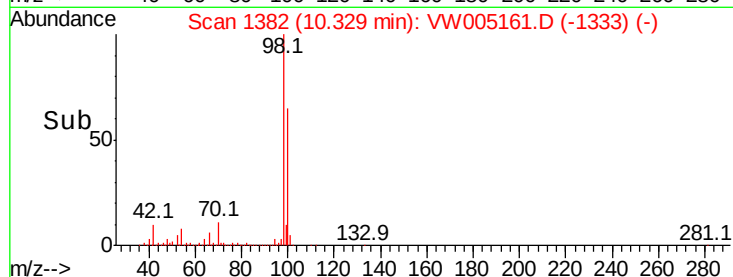
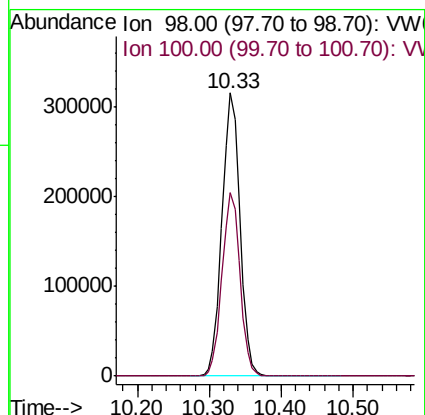
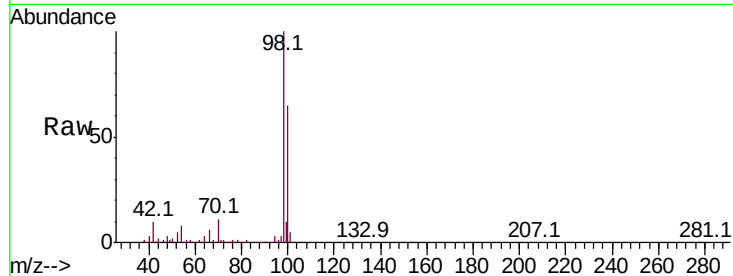




#50
Toluene-d8
Concen: 51.184 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

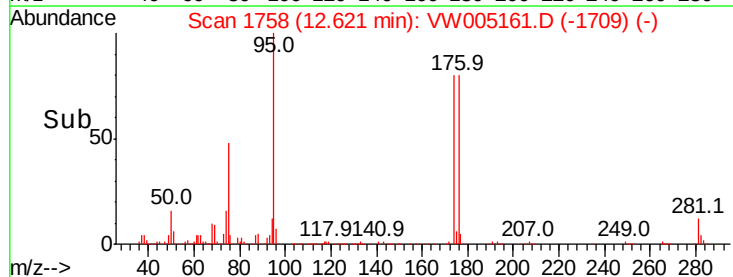
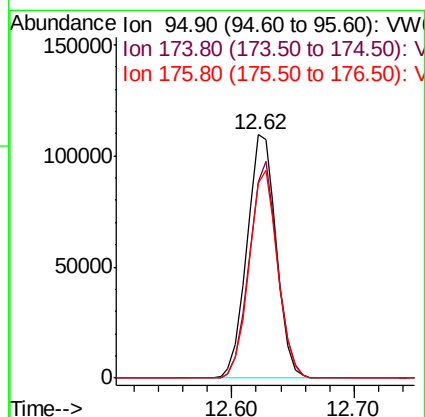
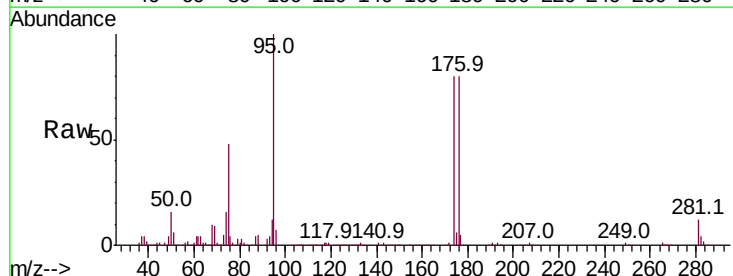
Instrument :
MSVOA_W
ClientSampleId :
SPRE

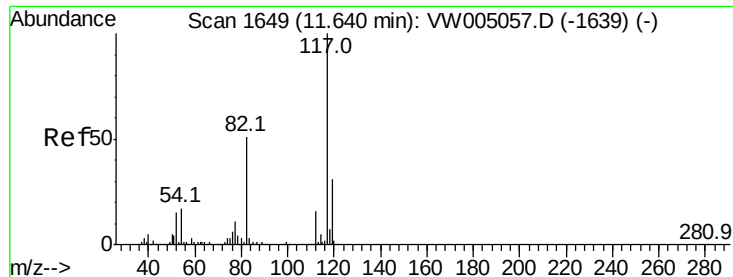
Tot Ion: 98 Resp: 550228
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.092 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

Tgt Ion: 95 Resp: 182297
Ion Ratio Lower Upper
95 100
174 85.9 0.0 173.4
176 83.1 0.0 167.4

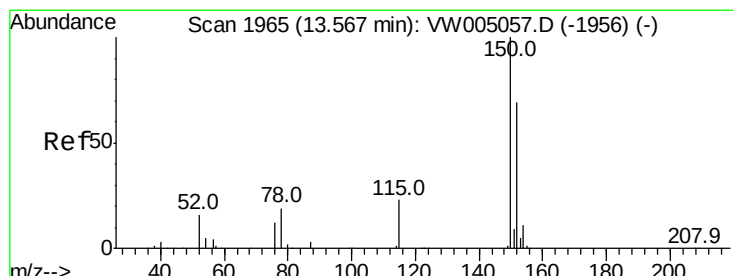
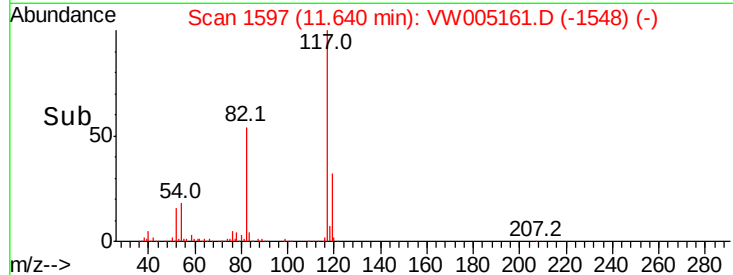
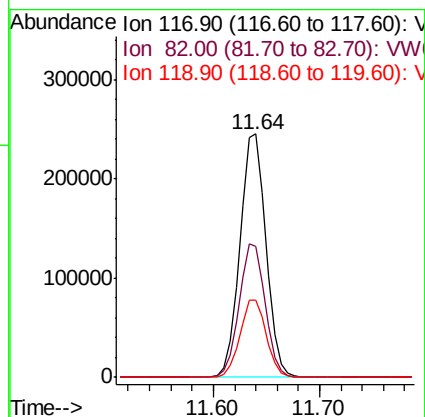
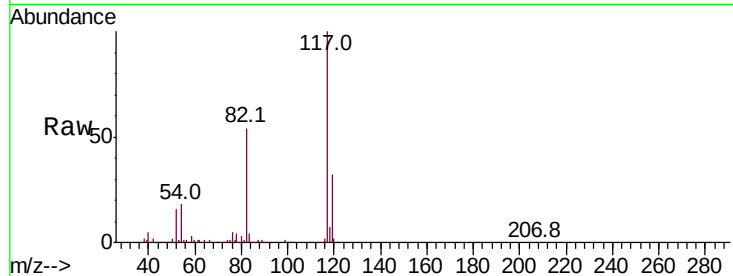




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

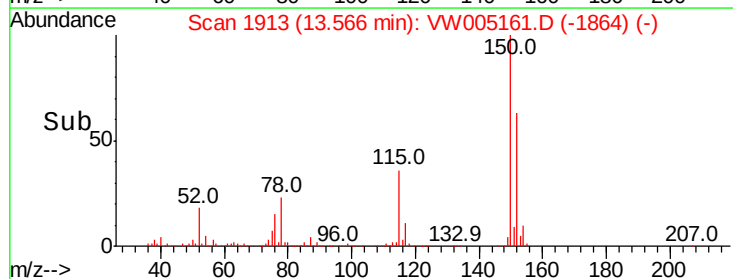
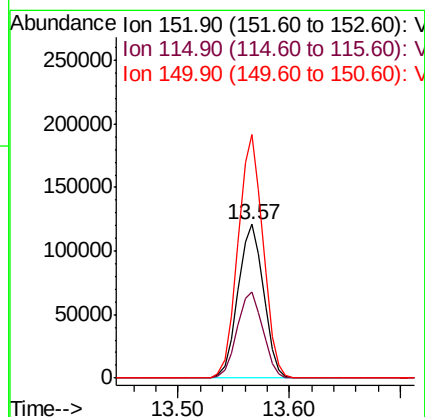
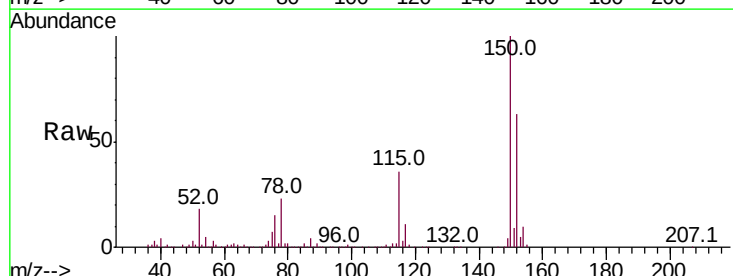
Instrument :
MSVOA_W
ClientSampleId :
SPRE

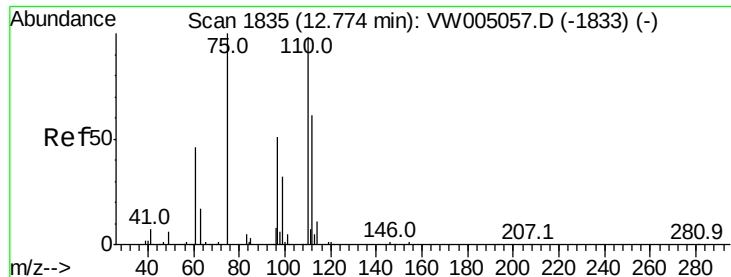
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	40.9	61.3
119	31.7	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005161.D
Acq: 06 Sep 2018 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.8	83.4
150	155.4	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 59.628 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

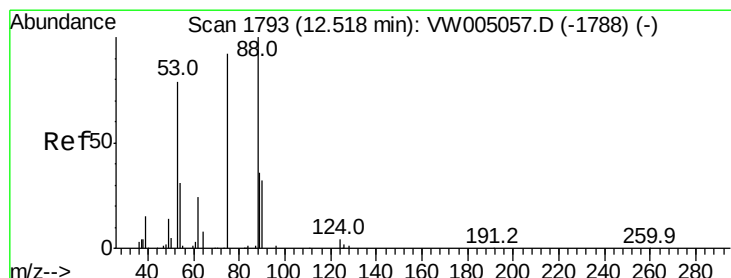
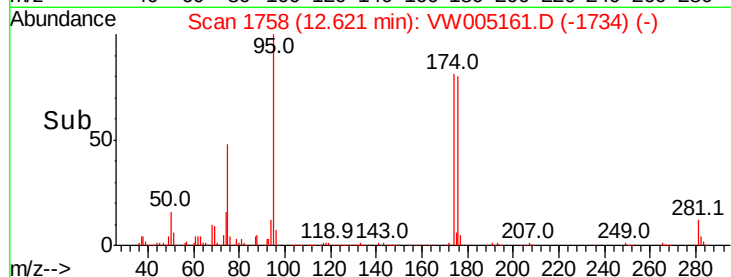
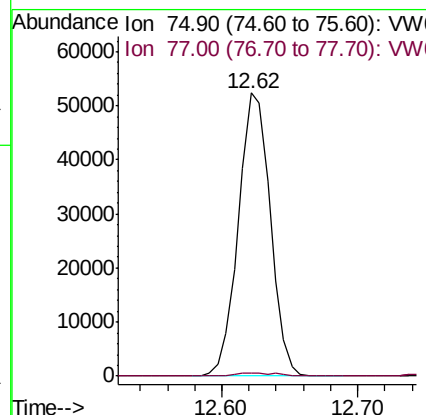
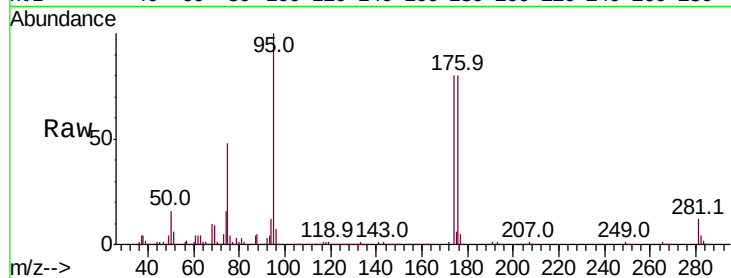
SPRE

Tot Ion: 75 Resp: 85811

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.518 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005161.D

Acq: 06 Sep 2018 14:08

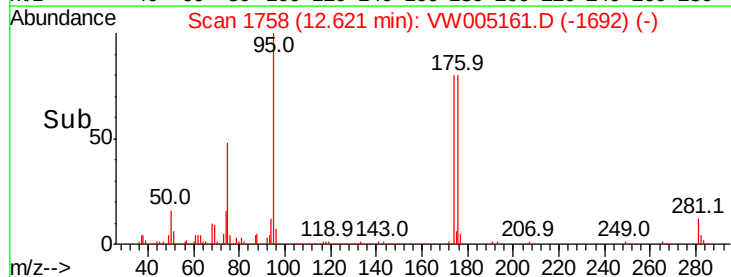
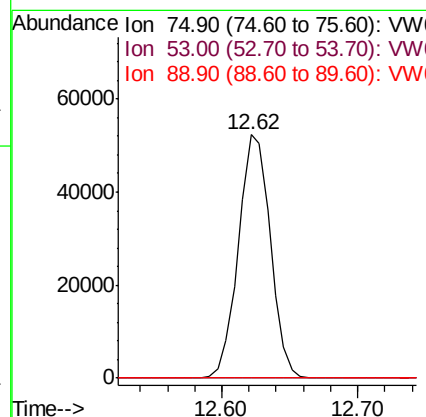
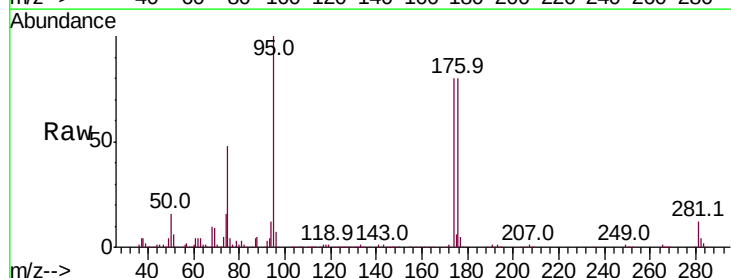
Tgt Ion: 75 Resp: 85811

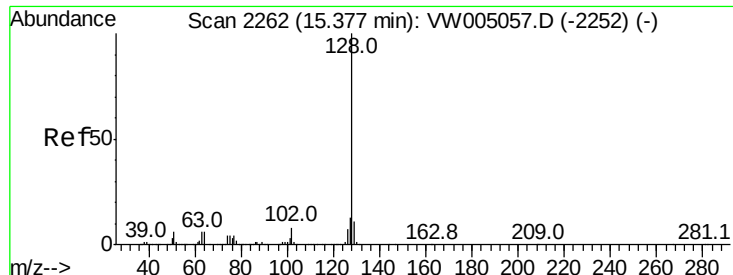
Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

89 0.1 36.0 54.0#

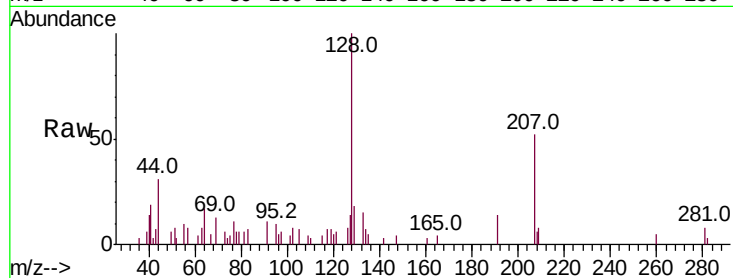




#95
 Naphthalene
 Concen: 4.473 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005161.D
 Acq: 06 Sep 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 SPRE

Tot Ion:128 Resp: 3705
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.4 15.6
 129 16.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

