

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011684.D
 Acq On : 04 Aug 2019 01:13
 Operator : SY/VA
 Sample : K4135-12
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B1-(0-1)

Quant Time: Aug 05 01:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102427	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	115092	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
35) Dibromofluoromethane	7.88	113	90828	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	10.32	98	340659	44.14	ug/l	0.00
Spiked Amount			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	12.62	95	104060	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	

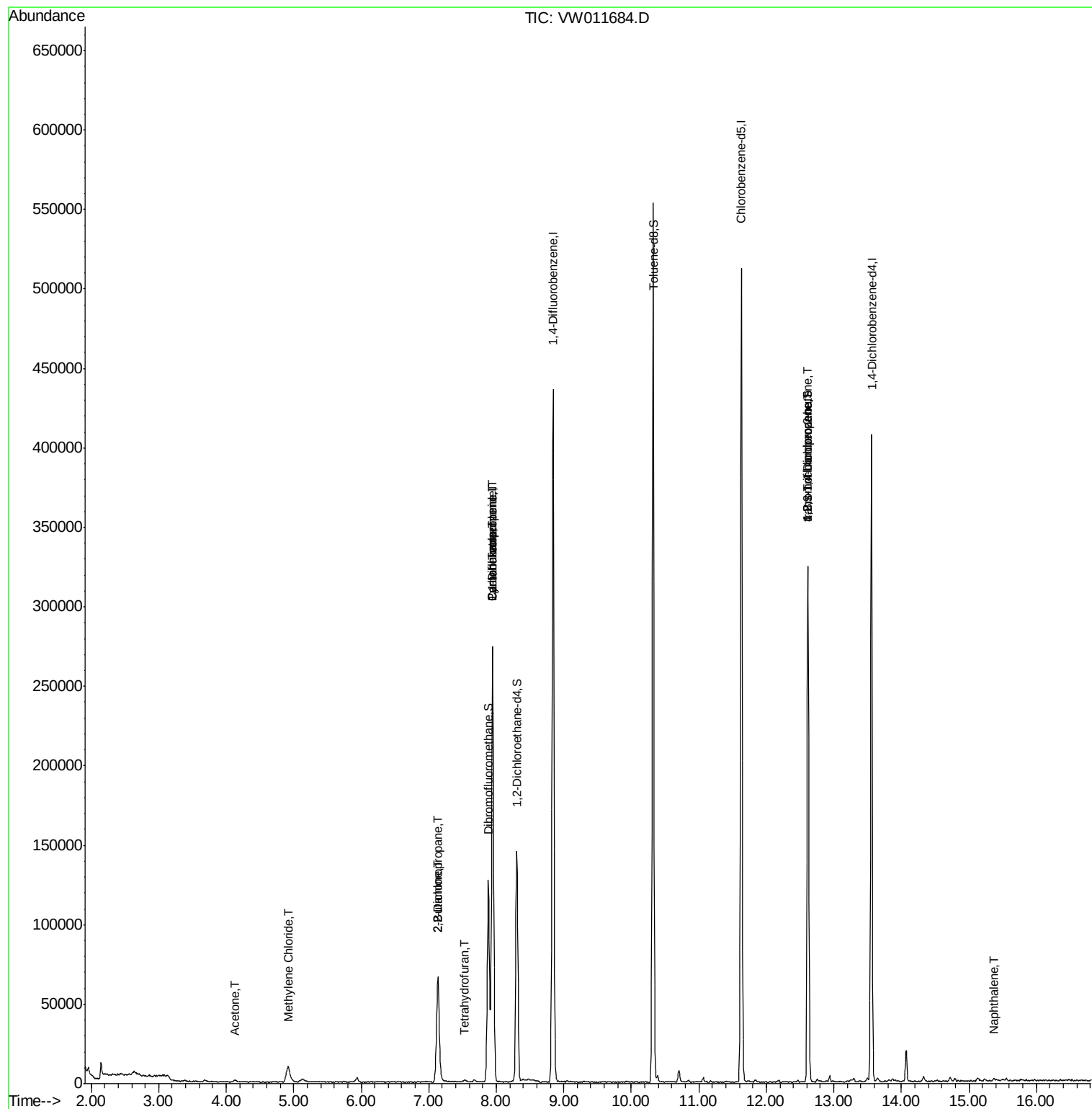
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2870	3.999	ug/l	94
20) Methylene Chloride	4.92	84	7768	3.138	ug/l #	83
25) 2-Butanone	7.13	43	4300	4.578	ug/l #	80
26) 2,2-Dichloropropane	7.14	77	4466	1.652	ug/l #	54
29) Tetrahydrofuran	7.54	42	1388	2.585	ug/l #	88
31) Cyclohexane	7.95	56	5014	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17526	5.017	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19589	6.550	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	55618	51.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55618	118.270	ug/l #	6
95) Naphthalene	15.37	128	1037	2.312	ug/l #	79

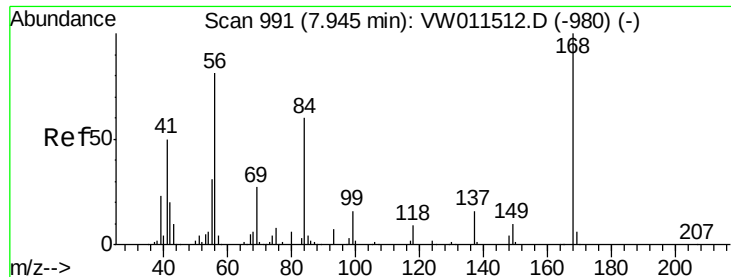
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011684.D

Acq: 04 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampleId :

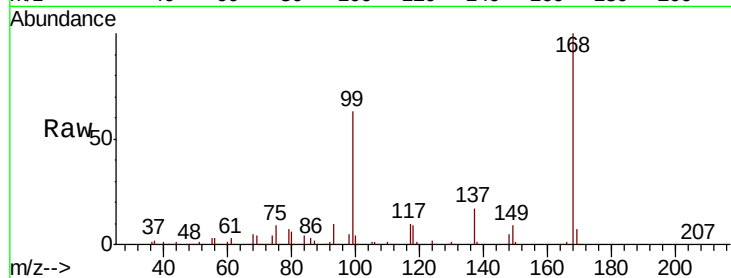
1S-B1-(0-1)

Tot Ion:168 Resp: 196498

Ion Ratio Lower Upper

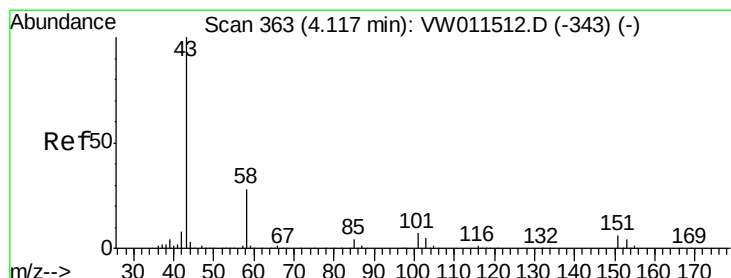
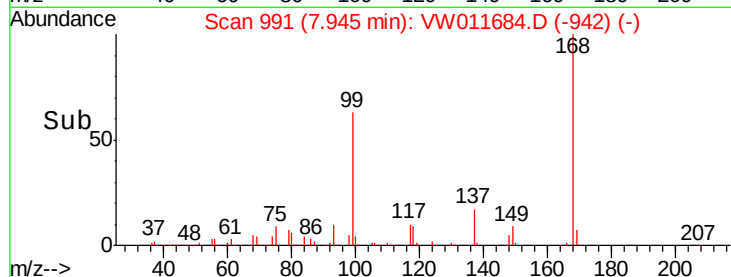
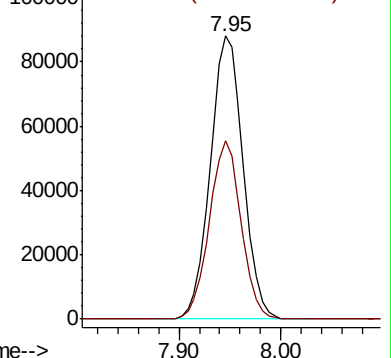
168 100

99 63.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.999 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011684.D

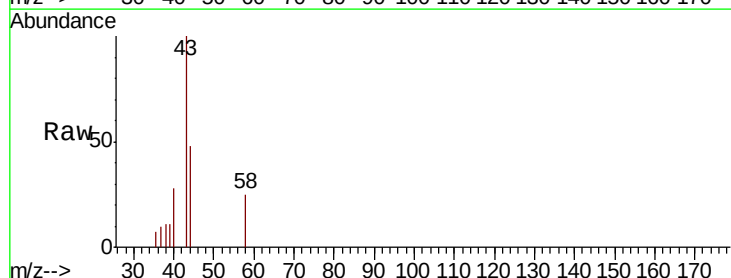
Acq: 04 Aug 2019 01:13

Tgt Ion: 43 Resp: 2870

Ion Ratio Lower Upper

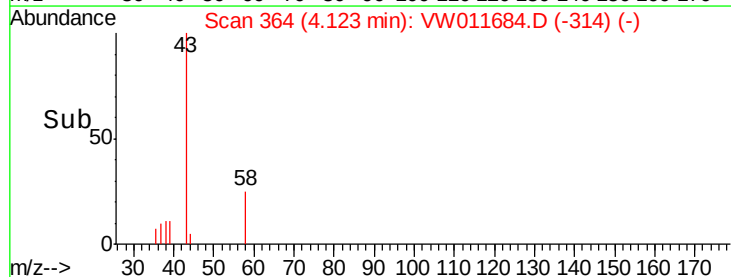
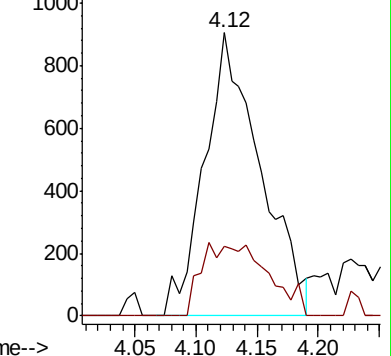
43 100

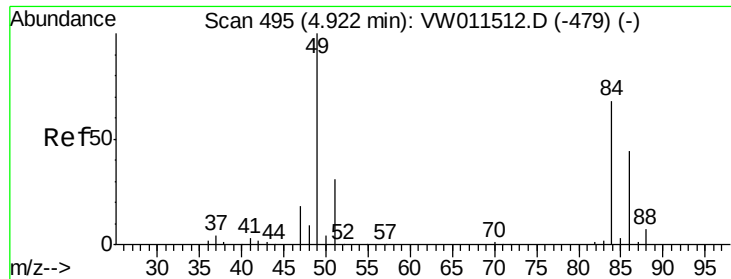
58 24.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

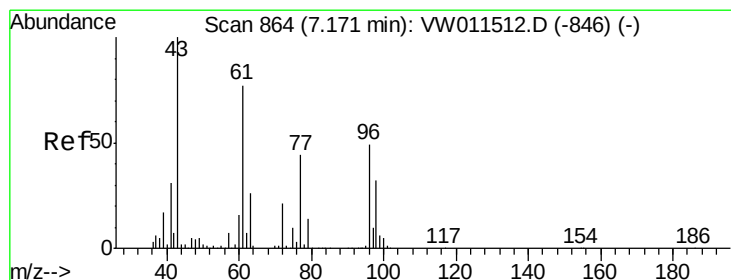
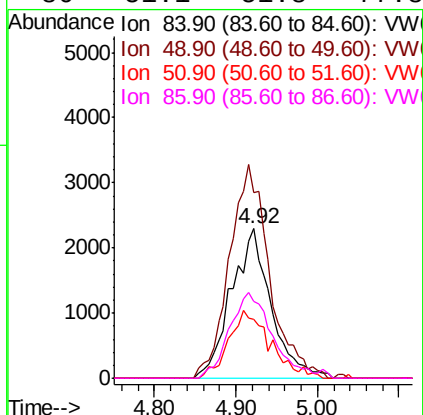
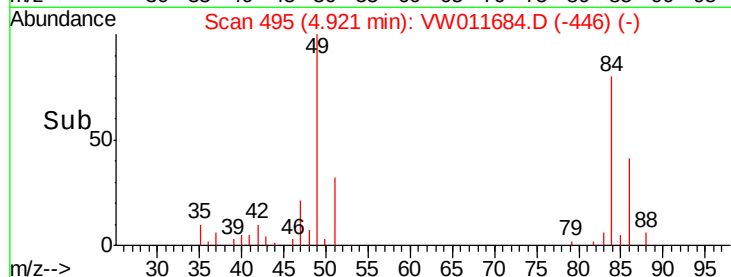
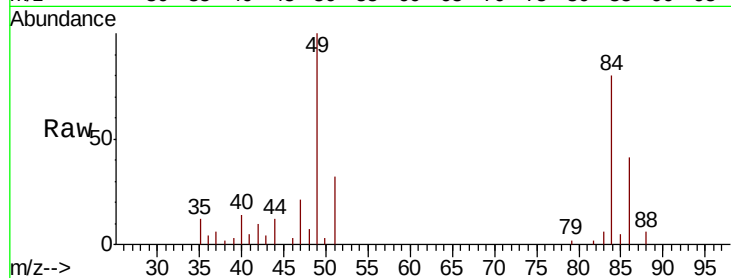




#20
Methylene Chloride
Concen: 3.138 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

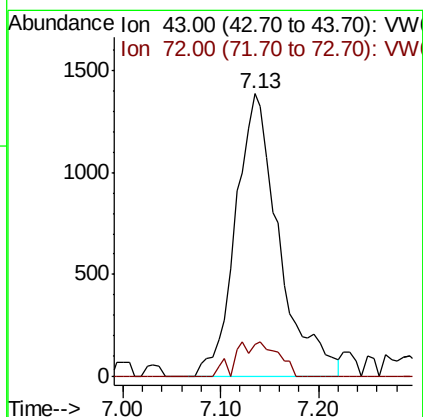
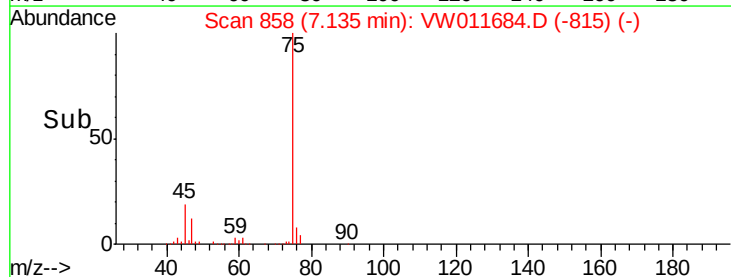
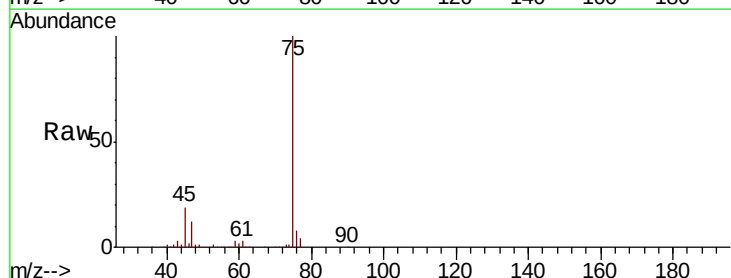
Instrument :
MSVOA_W
ClientSampleId :
1S-B1-(0-1)

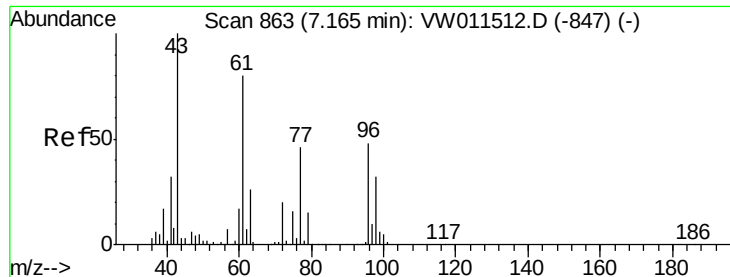
Tot Ion: 84 Resp: 7768
Ion Ratio Lower Upper
84 100
49 124.3 117.8 176.6
51 39.2 37.0 55.4
86 51.1 51.8 77.8#



#25
2-Butanone
Concen: 4.578 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

Tgt Ion: 43 Resp: 4300
Ion Ratio Lower Upper
43 100
72 11.3 16.6 24.8#

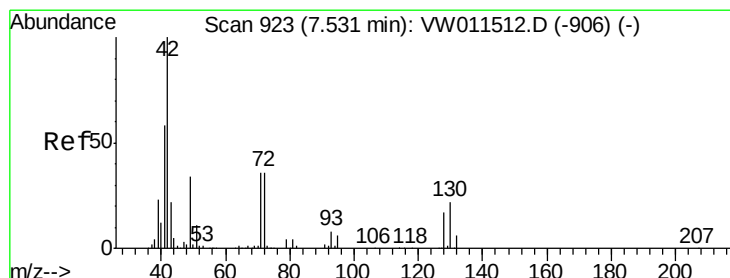
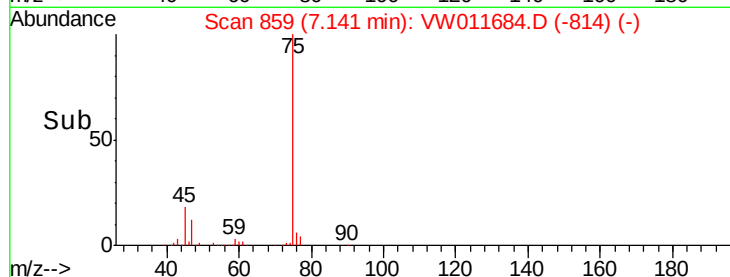
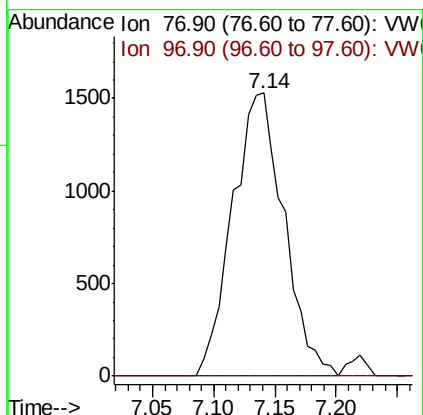
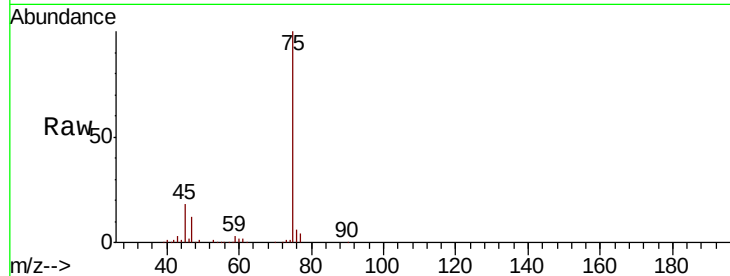




#26
 2,2-Dichloropropane
 Concen: 1.652 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

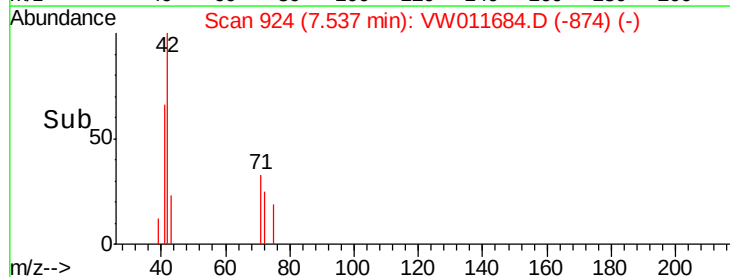
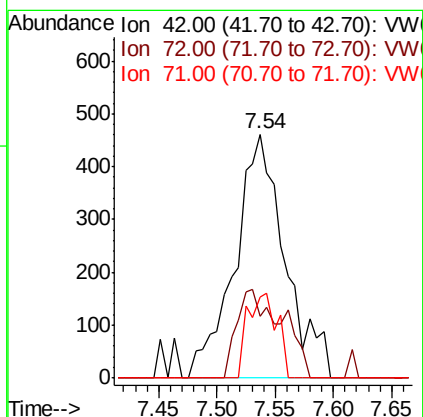
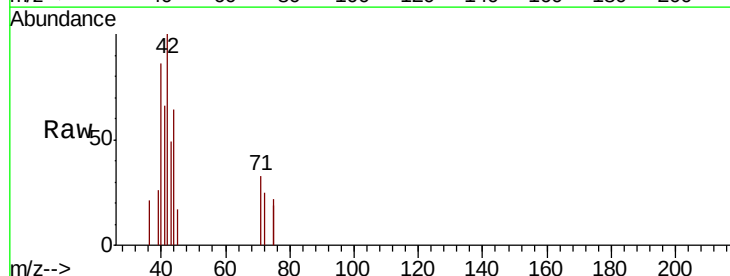
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B1-(0-1)

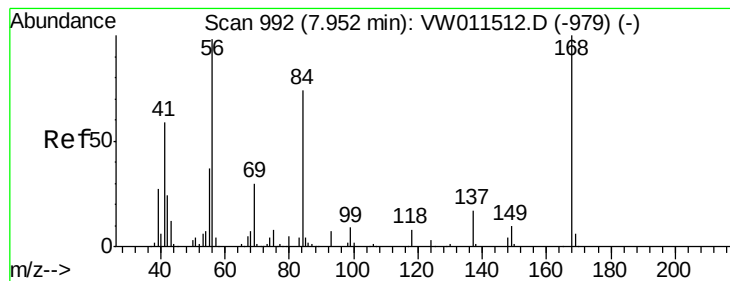
Tot Ion: 77 Resp: 4466
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.8 32.4#



#29
 Tetrahydrofuran
 Concen: 2.585 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

Tgt Ion: 42 Resp: 1388
 Ion Ratio Lower Upper
 42 100
 72 32.6 27.1 40.7
 71 20.4 26.2 39.4#





#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011684.D

Acq: 04 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampled :

1S-B1-(0-1)

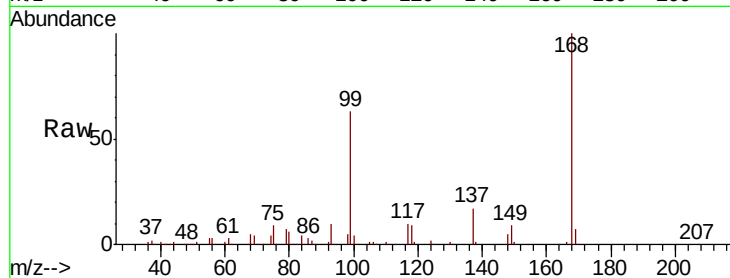
Tot Ion: 56 Resp: 5014

Ion Ratio Lower Upper

56 100

69 174.6 24.3 36.5#

84 143.2 60.4 90.6#

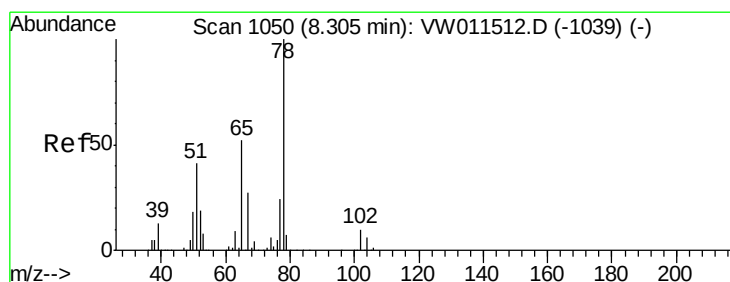
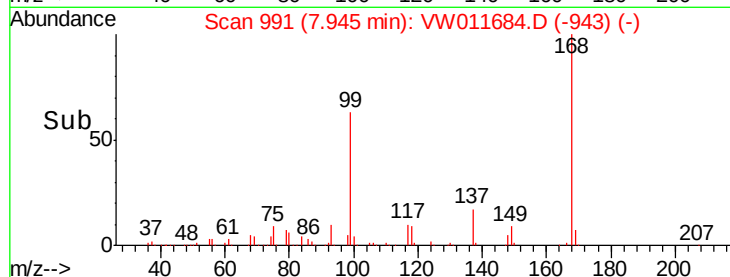
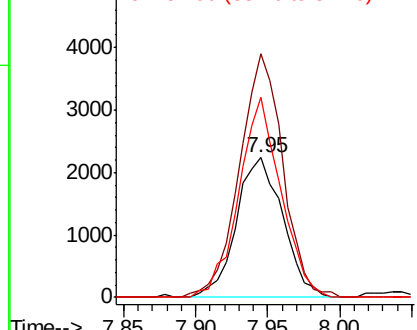


Abundance

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: 51.008 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011684.D

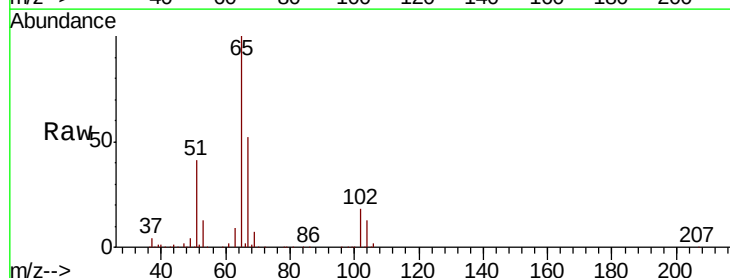
Acq: 04 Aug 2019 01:13

Tgt Ion: 65 Resp: 115092

Ion Ratio Lower Upper

65 100

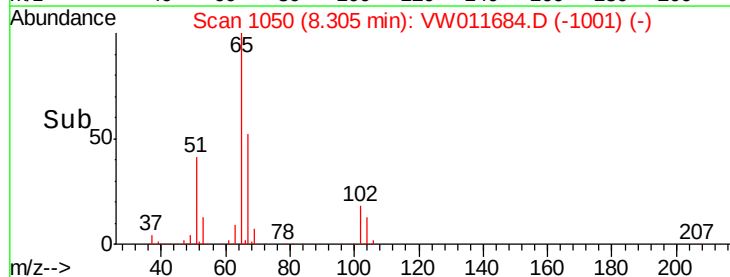
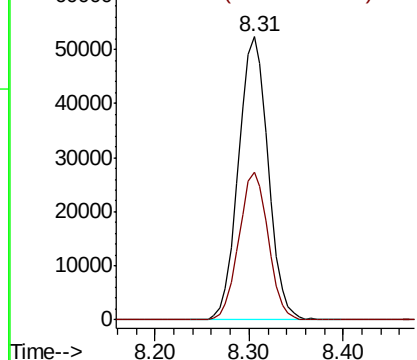
67 51.7 0.0 105.2

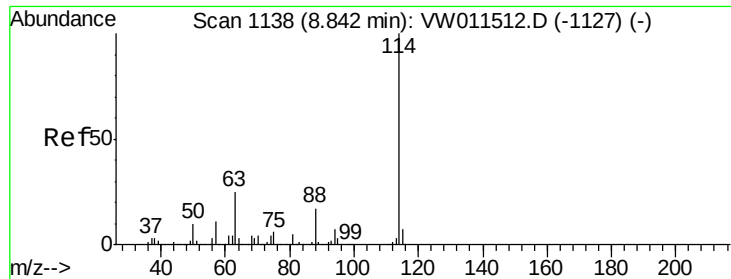


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

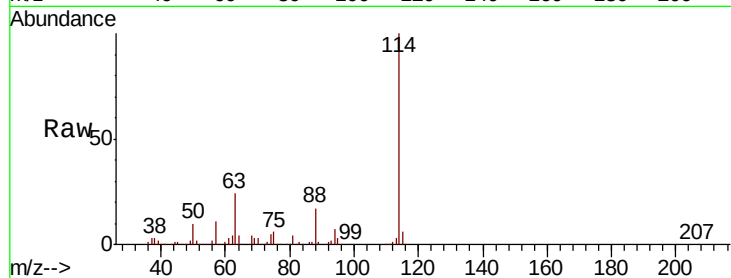




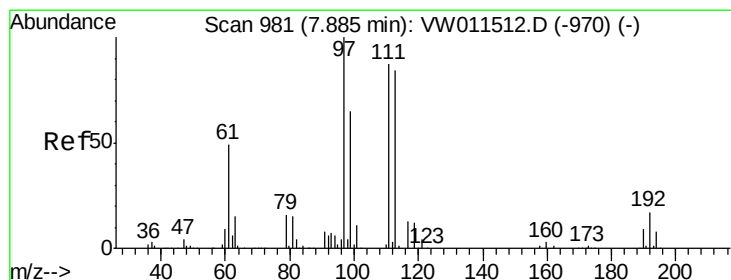
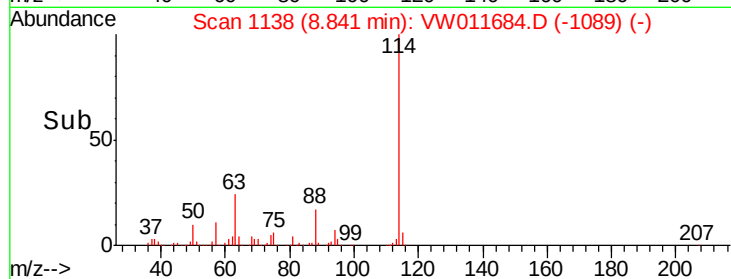
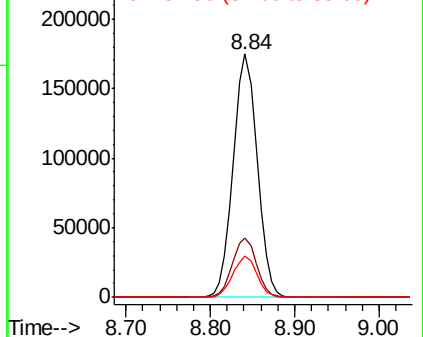
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B1-(0-1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	16.8	0.0	33.8

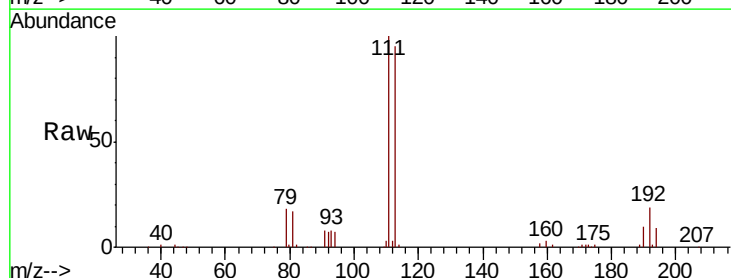


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

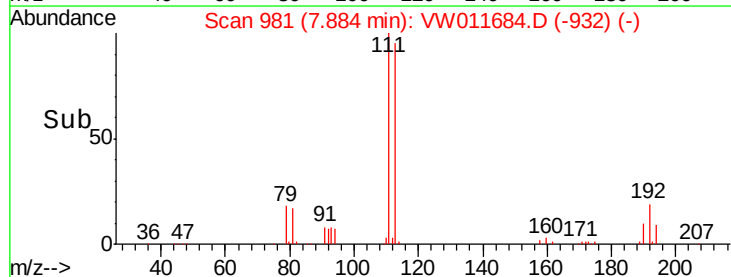
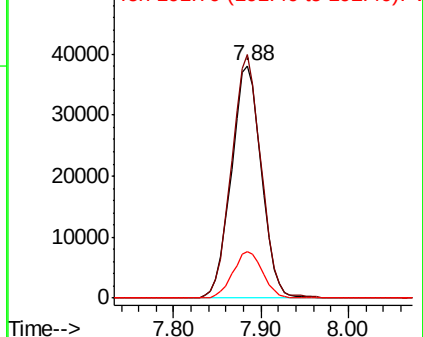


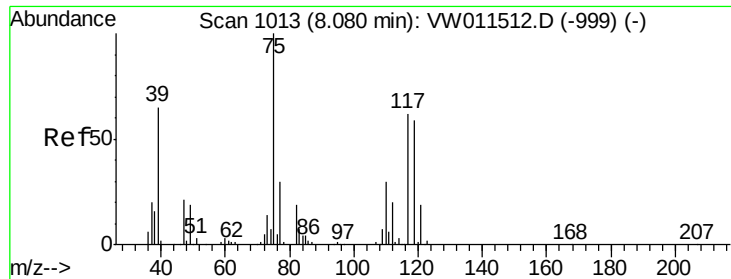
#35
 Dibromofluoromethane
 Concen: 48.186 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	19.8	16.1	24.1



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

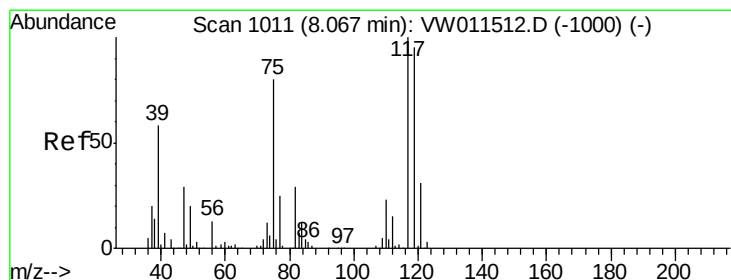
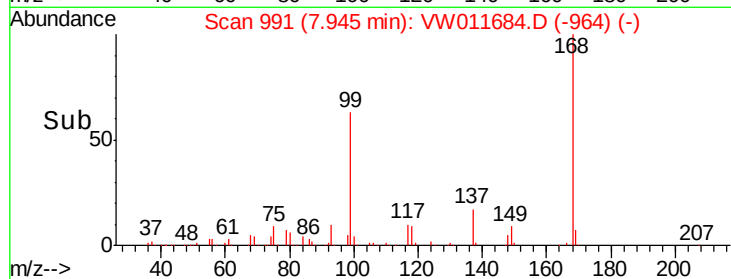
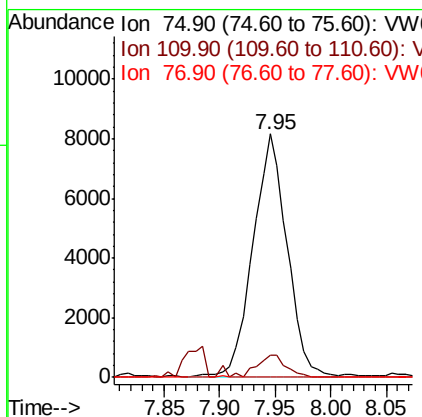
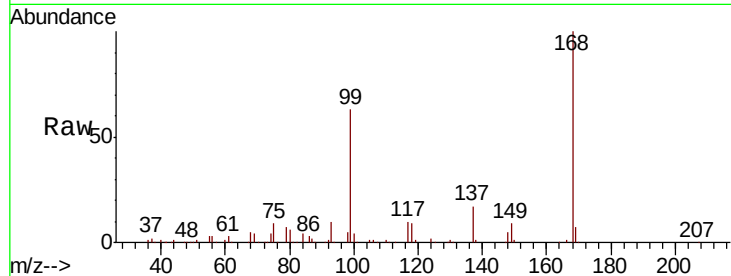




#36
 1,1-Dichloropropene
 Concen: 5.017 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

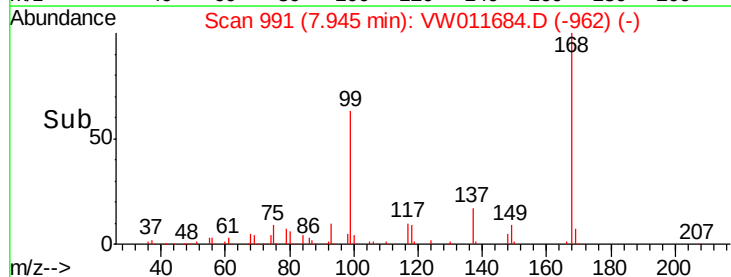
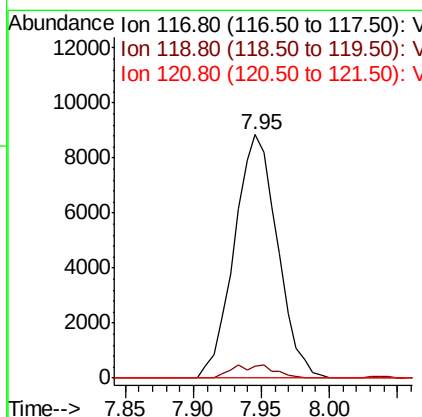
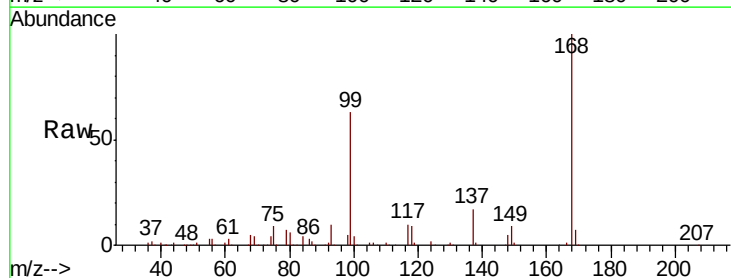
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 1S-B1-(0-1)

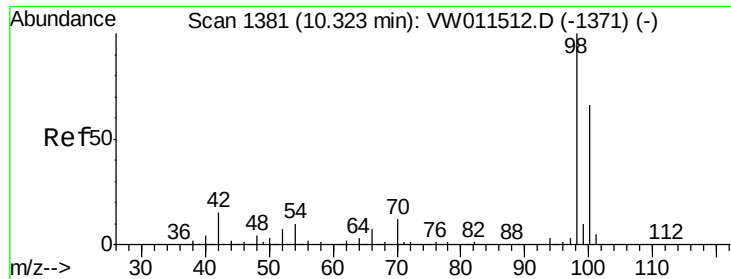
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.550 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011684.D
 Acq: 04 Aug 2019 01:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.6#
121	0.0	24.7	37.1#

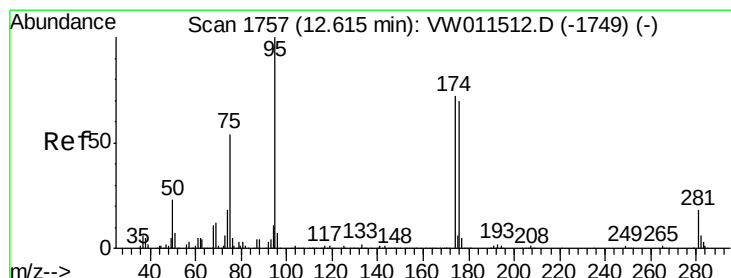
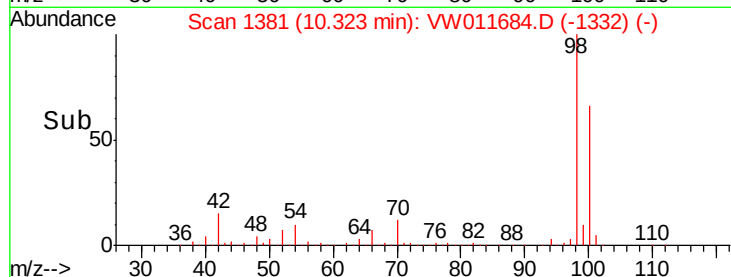
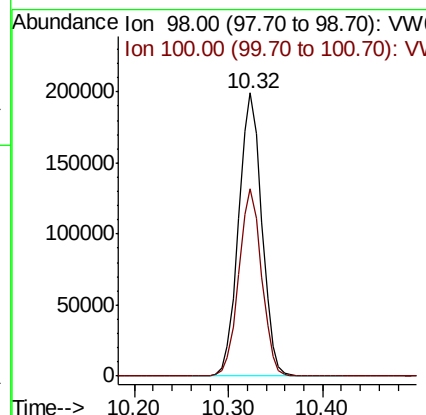
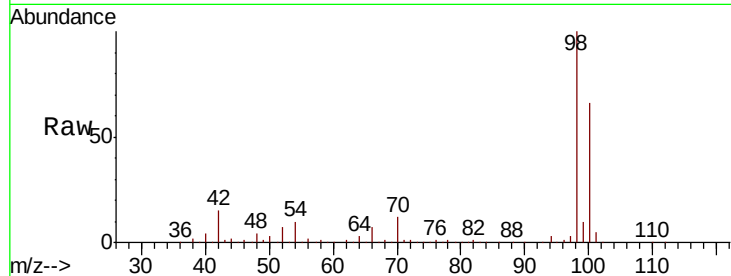




#50
Toluene-d8
Concen: 44.141 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

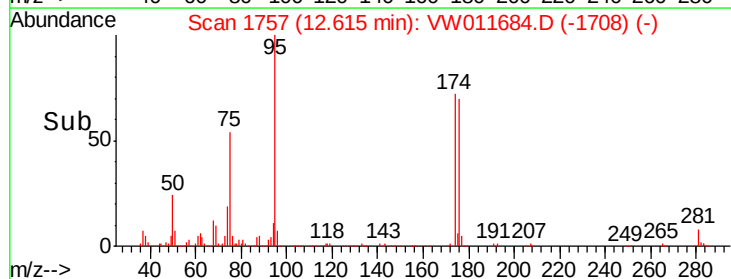
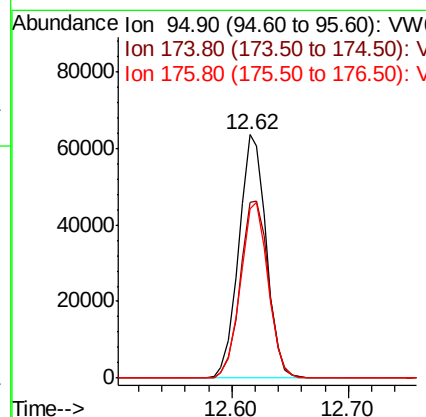
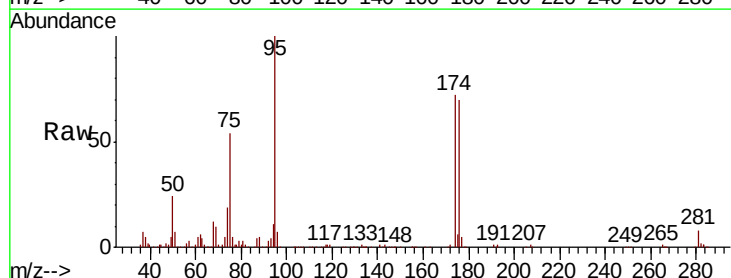
Instrument :
MSVOA_W
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1S-B1-(0-1)

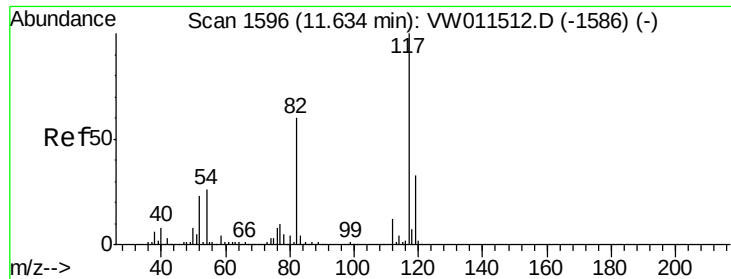
Tot Ion: 98 Resp: 340659
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 37.820 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

Tgt Ion: 95 Resp: 104060
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 72.7 0.0 144.4

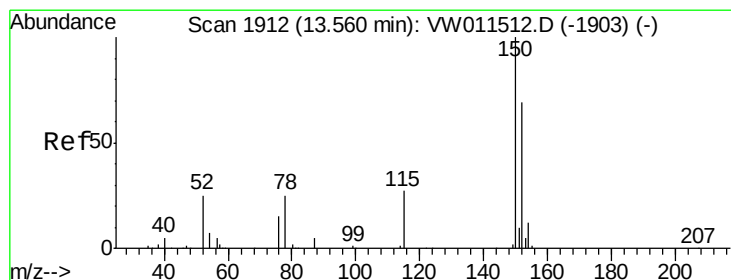
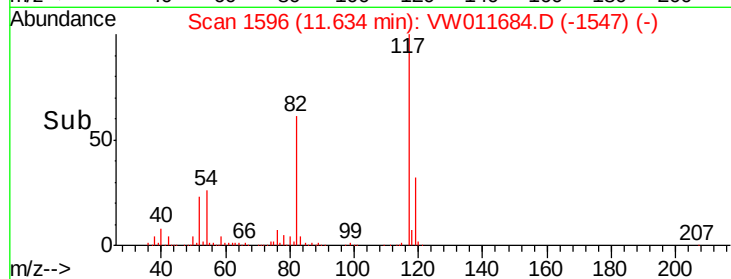
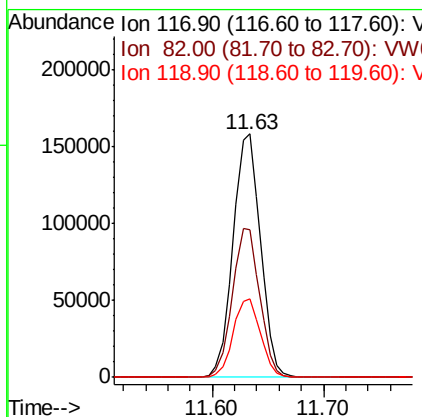
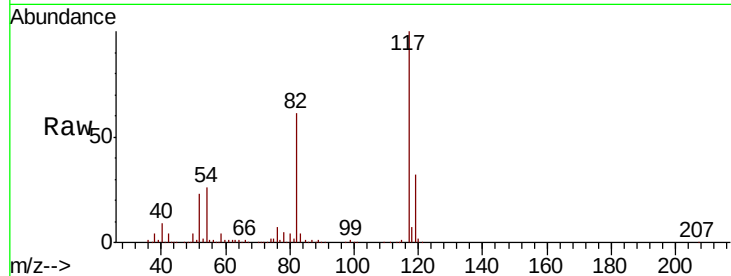




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

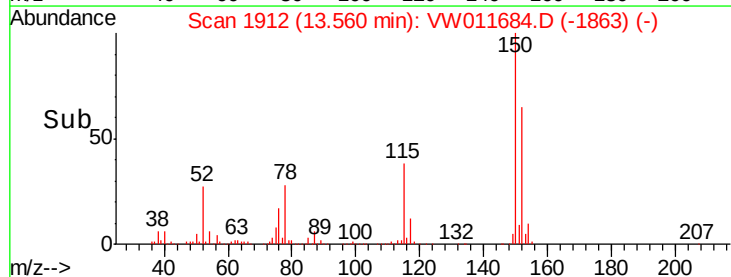
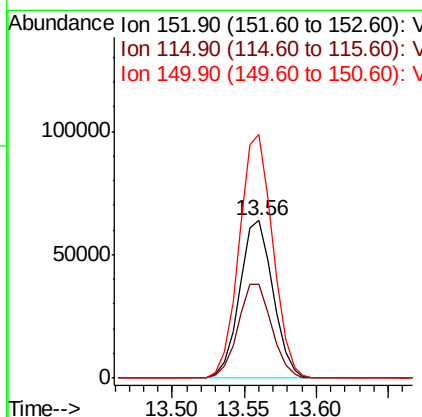
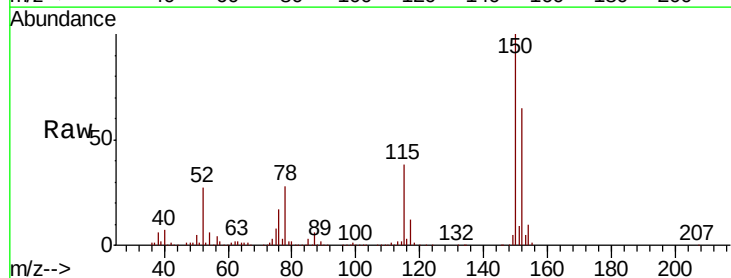
Instrument :
MSVOA_W
ClientSampleId :
1S-B1-(0-1)

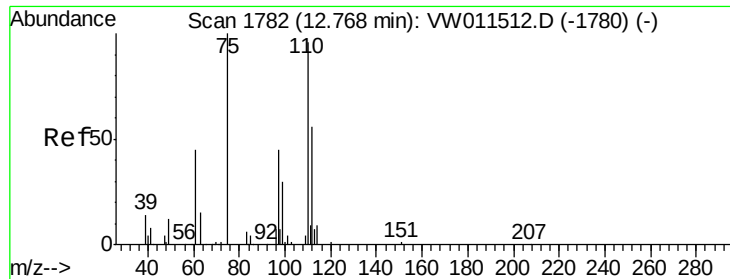
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.9	71.9
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011684.D
Acq: 04 Aug 2019 01:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.5	91.5
150	155.4	0.0	352.6





#76

1,2,3-Trichloropropane

Concen: 51.318 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011684.D

Acq: 04 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampled :

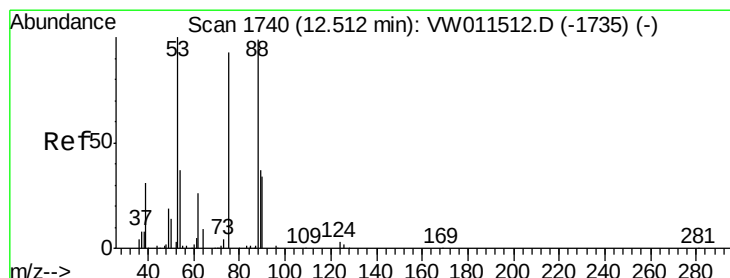
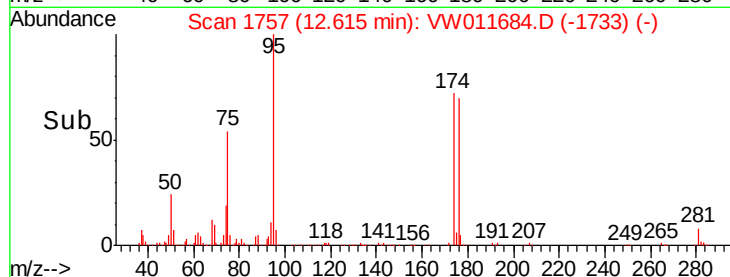
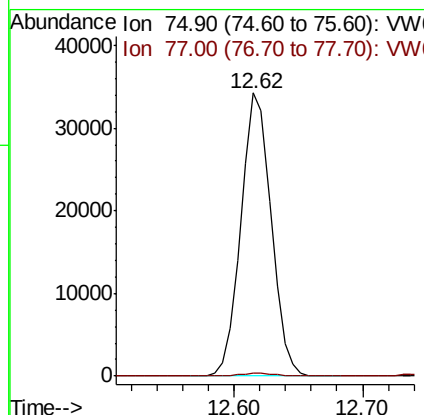
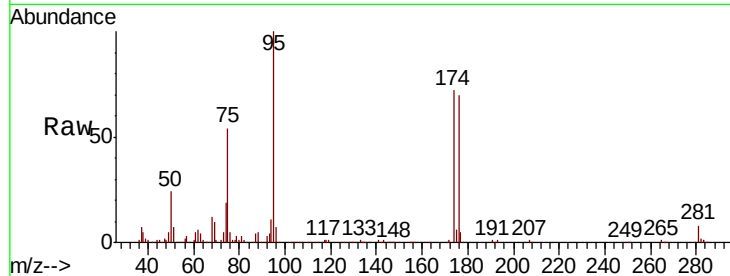
1S-B1-(0-1)

Tot Ion: 75 Resp: 55618

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.270 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011684.D

Acq: 04 Aug 2019 01:13

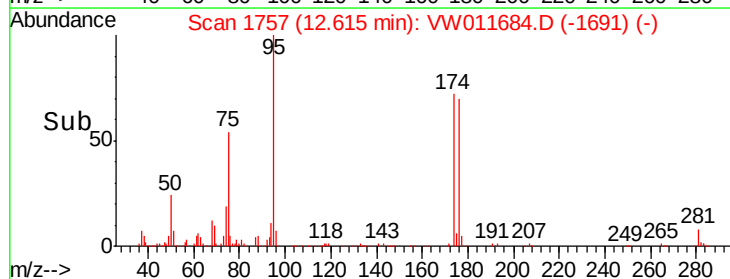
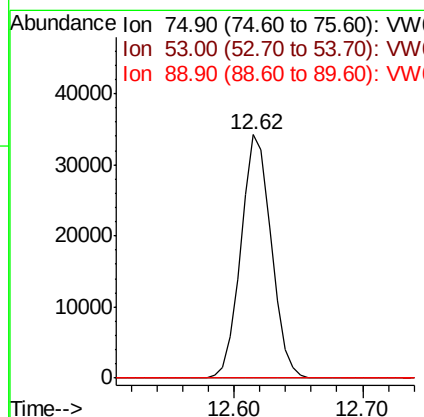
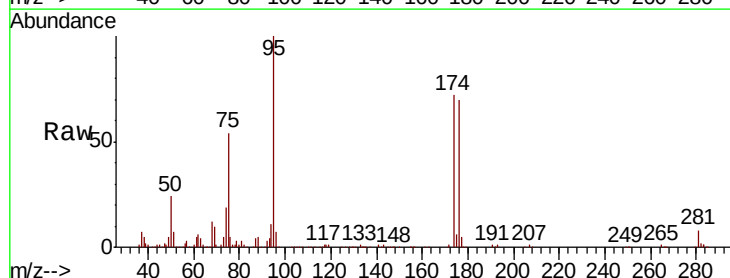
Tgt Ion: 75 Resp: 55618

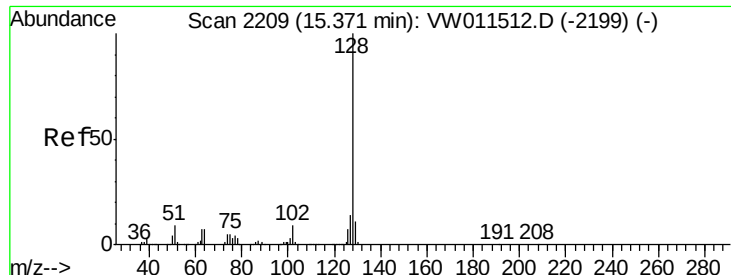
Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.312 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011684.D

Acq: 04 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampleId :

1S-B1-(0-1)

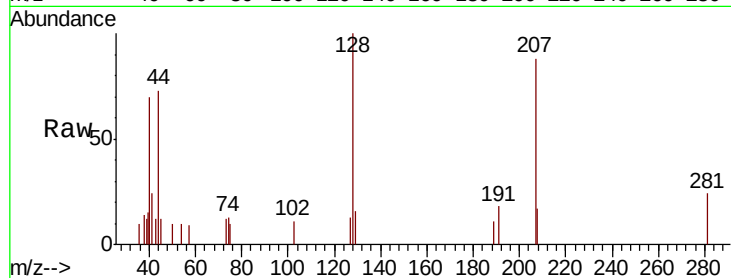
Tot Ion:128 Resp: 1037

Ion Ratio Lower Upper

128 100

127 2.6 10.6 16.0#

129 5.5 8.6 13.0#



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

