

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080419\
 Data File : VW011665.D
 Acq On : 03 Aug 2019 14:56
 Operator : SY/VA
 Sample : K4152-04
 Misc : 6.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H3-(0-1)

Quant Time: Aug 04 01:44:30 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	212864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108631	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	142696	58.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.76%	
35) Dibromofluoromethane	7.88	113	110956	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	10.32	98	441249	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	135195	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	

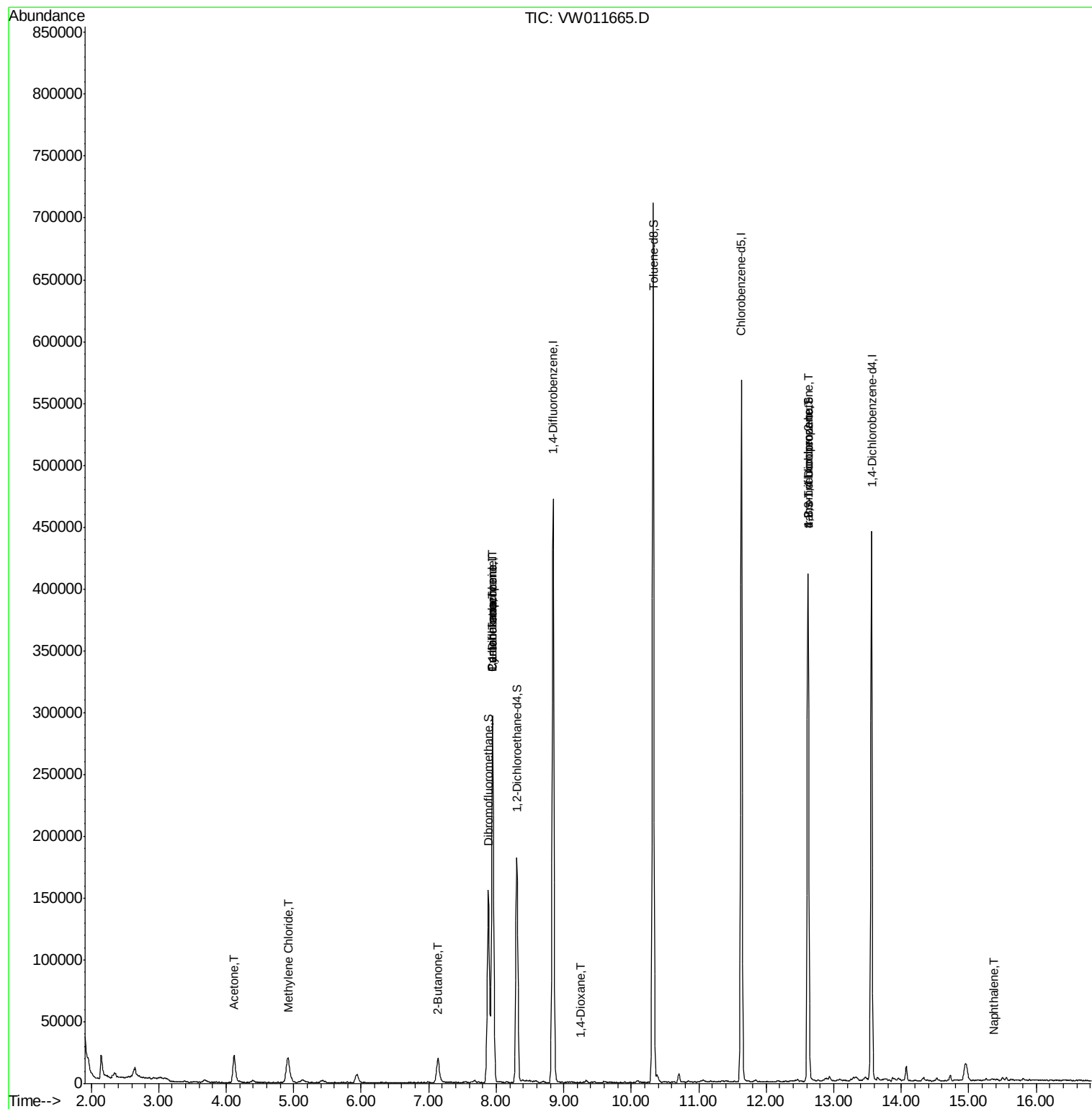
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	39855	51.259	ug/l	100
20) Methylene Chloride	4.92	84	15650	5.836	ug/l	94
25) 2-Butanone	7.15	43	1222	1.201	ug/l #	85
31) Cyclohexane	7.95	56	5366	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19110	5.091	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22062	6.866	ug/l #	17
49) 1,4-Dioxane	9.26	88	21	1.130	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	72619	63.178	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72619	145.603	ug/l #	6
95) Naphthalene	15.36	128	707	2.224	ug/l #	80

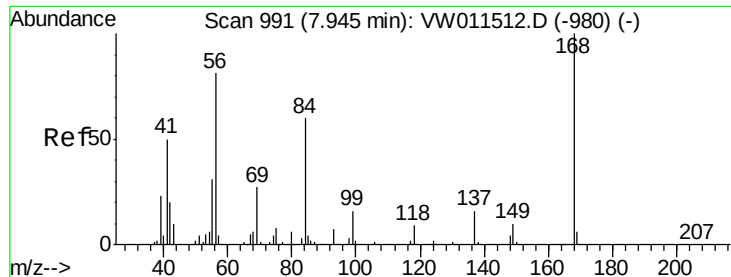
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011665.D

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Instrument :

MSVOA_W

ClientSampleId :

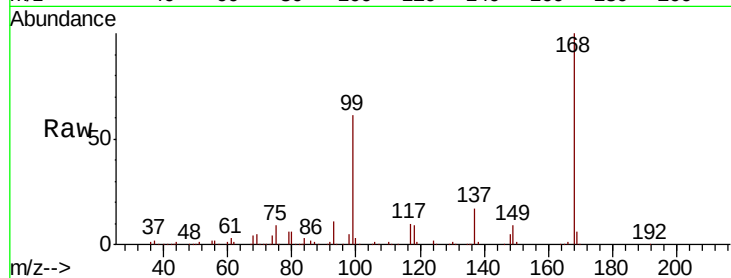
2S-H3-(0-1)

Tgt Ion: 168 Resp: 212864

Ion Ratio Lower Upper

168 100

99 61.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

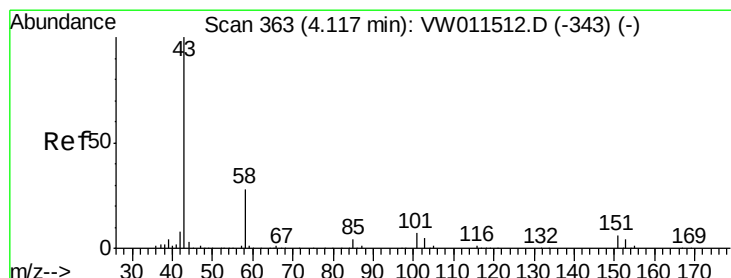
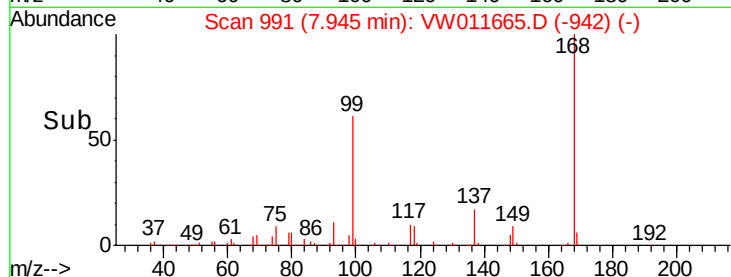
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 51.259 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011665.D

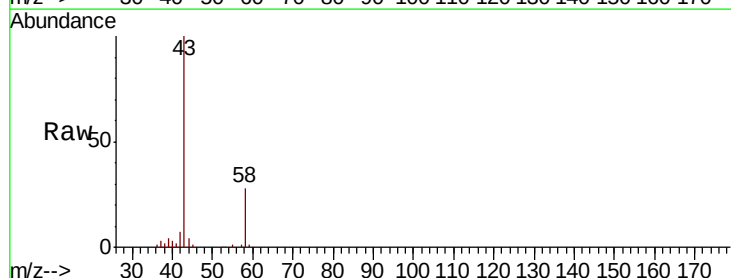
Acq: 03 Aug 2019 14:56

Tgt Ion: 43 Resp: 39855

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

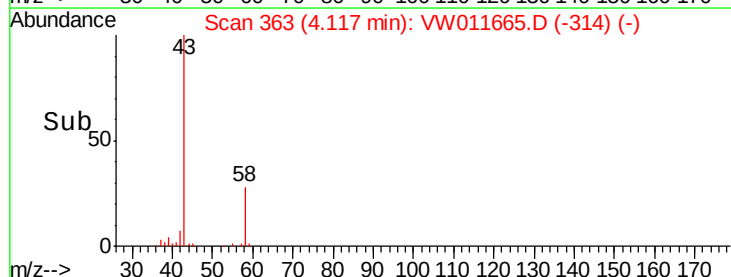
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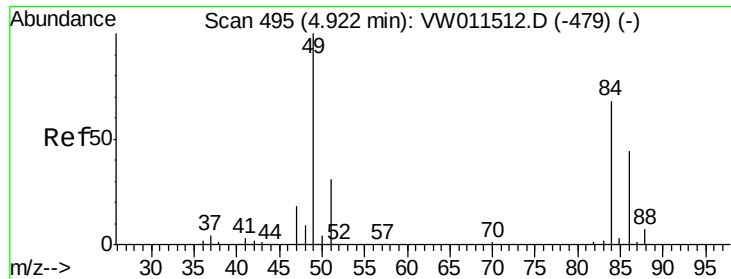
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5000

0

Time-->

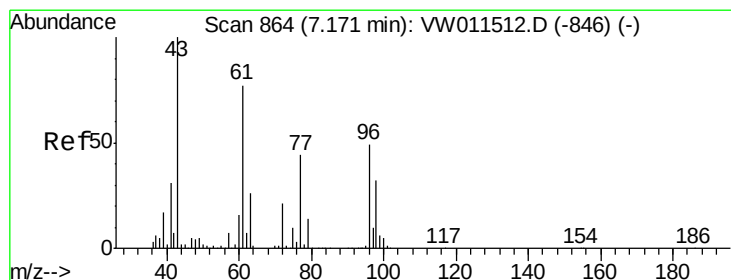
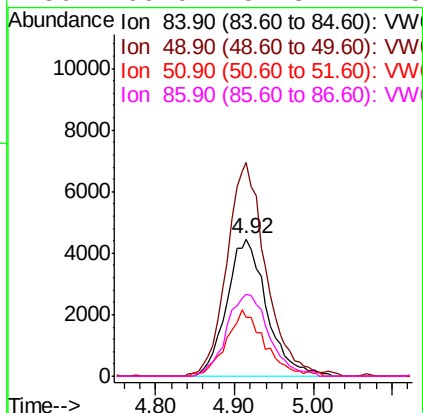
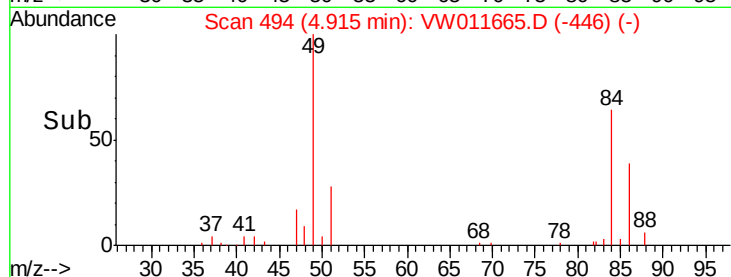
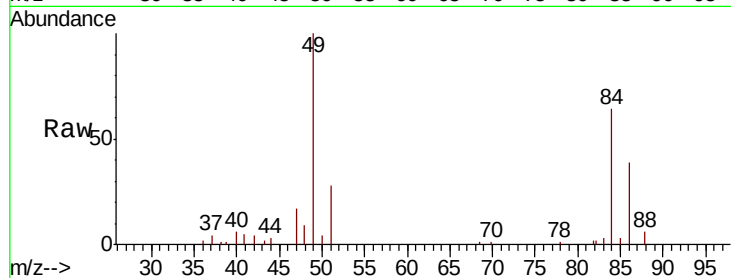




#20
Methylene Chloride
Concen: 5.836 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

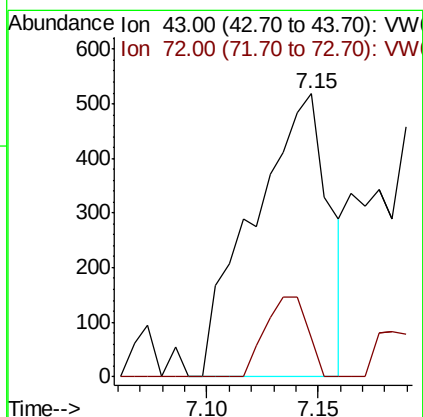
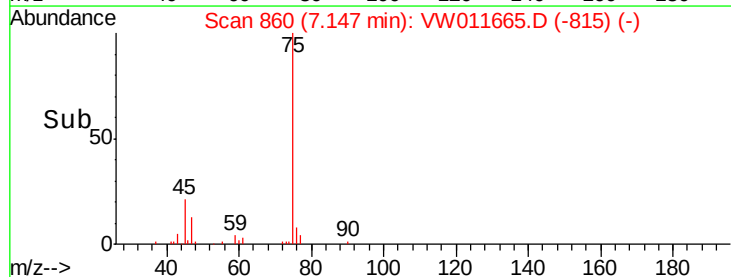
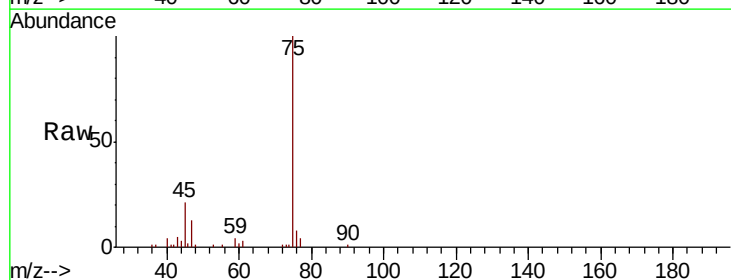
Instrument :
MSVOA_W
ClientSampleId :
2S-H3-(0-1)

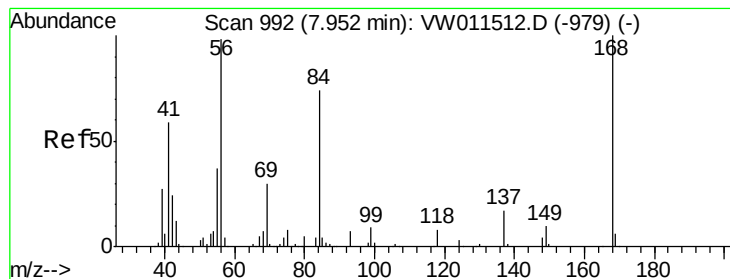
Tgt Ion:	84	Resp:	15650
Ion	Ratio	Lower	Upper
84	100		
49	154.1	117.8	176.6
51	43.1	37.0	55.4
86	60.0	51.8	77.8



#25
2-Butanone
Concen: 1.201 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

Tgt Ion:	43	Resp:	1222
Ion	Ratio	Lower	Upper
43	100		
72	13.5	16.6	24.8#





#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011665.D

Acq: 03 Aug 2019 14:56

Instrument :

MSVOA_W

ClientSampleId :

2S-H3-(0-1)

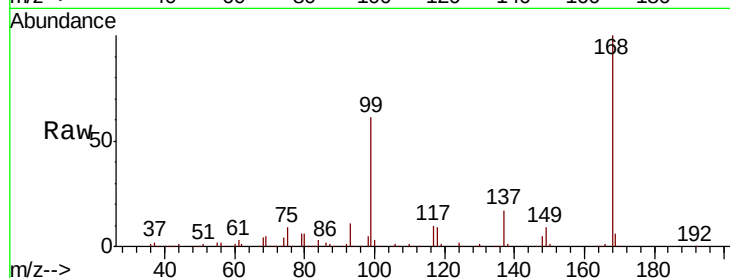
Tgt Ion: 56 Resp: 5366

Ion Ratio Lower Upper

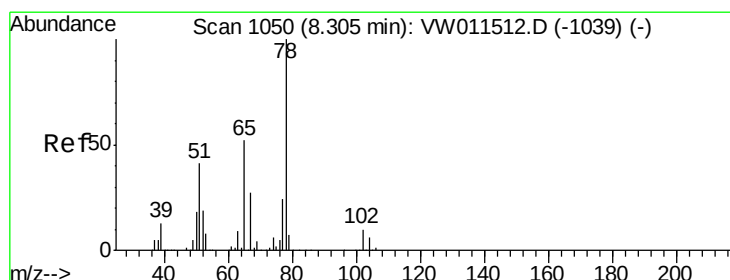
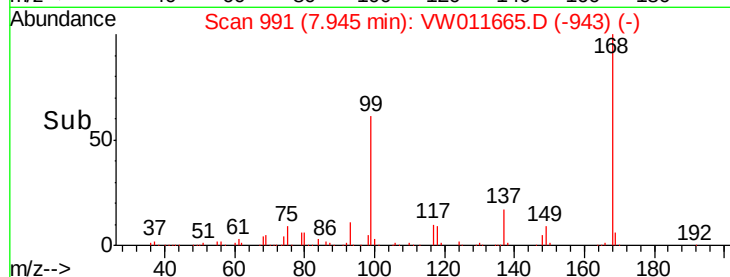
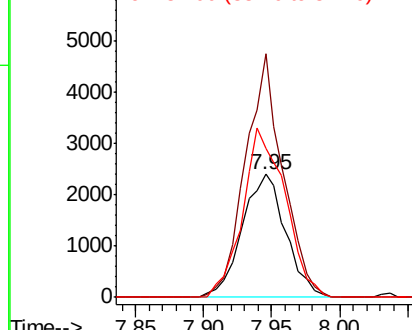
56 100

69 198.3 24.3 36.5#

84 120.9 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: 58.380 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011665.D

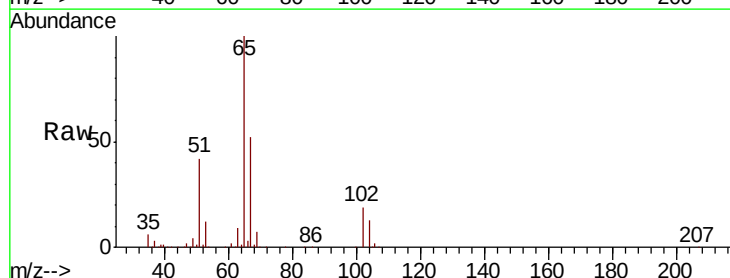
Acq: 03 Aug 2019 14:56

Tgt Ion: 65 Resp: 142696

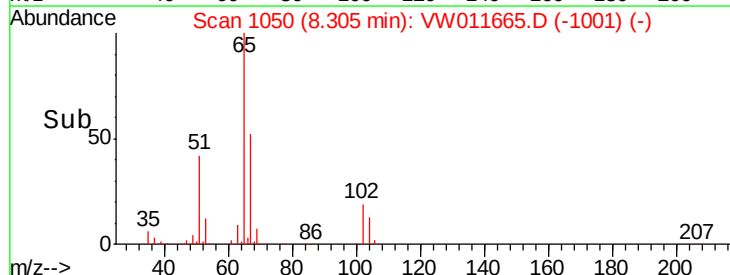
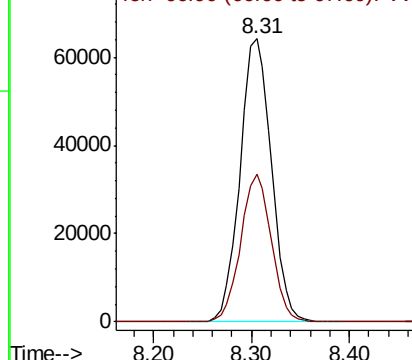
Ion Ratio Lower Upper

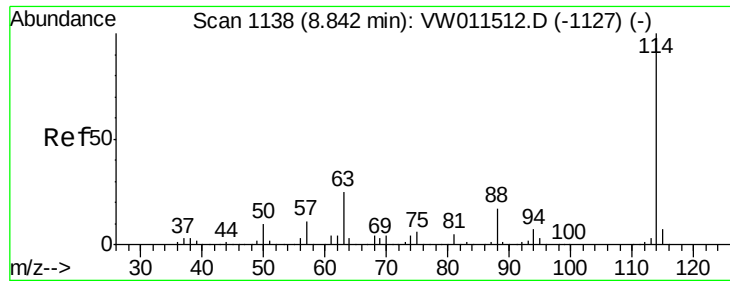
65 100

67 51.1 0.0 105.2



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

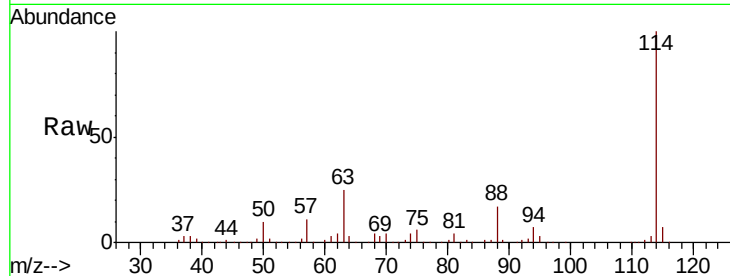




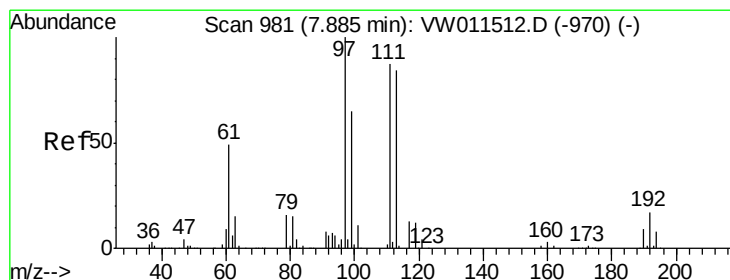
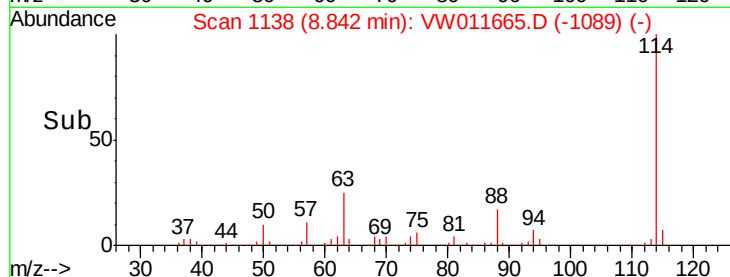
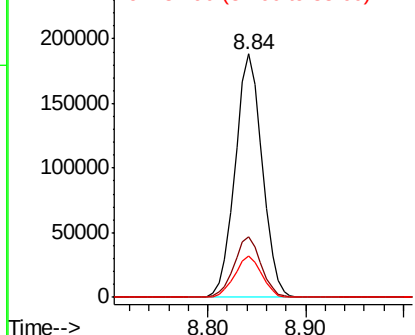
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H3-(0-1)

Tgt Ion:114 Resp: 360984
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.8 0.0 33.8

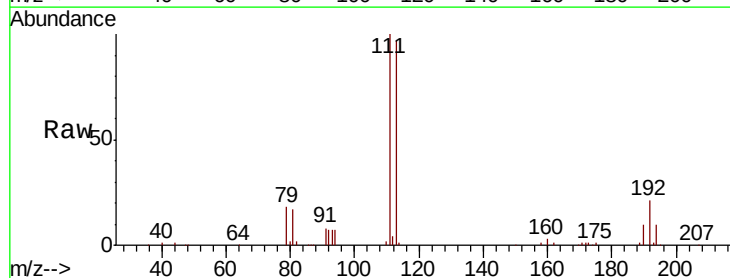


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

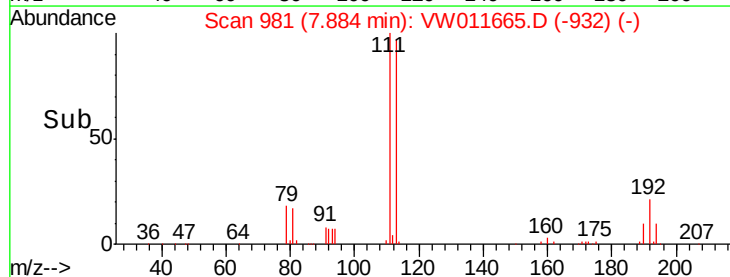
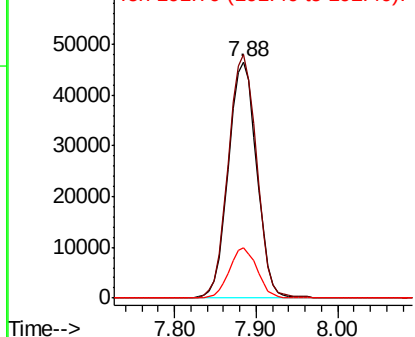


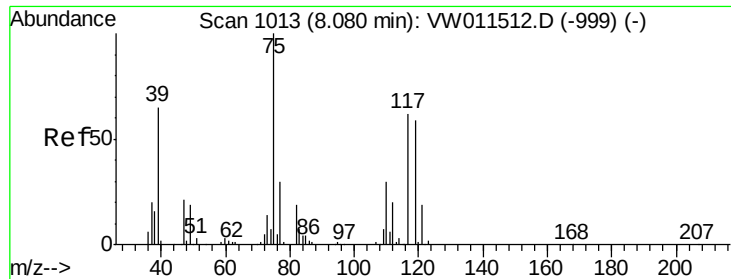
#35
 Dibromofluoromethane
 Concen: 54.788 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

Tgt Ion:113 Resp: 110956
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 21.0 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: 5.091 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011665.D

Acq: 03 Aug 2019 14:56

Instrument :

MSVOA_W

ClientSampleId :

2S-H3-(0-1)

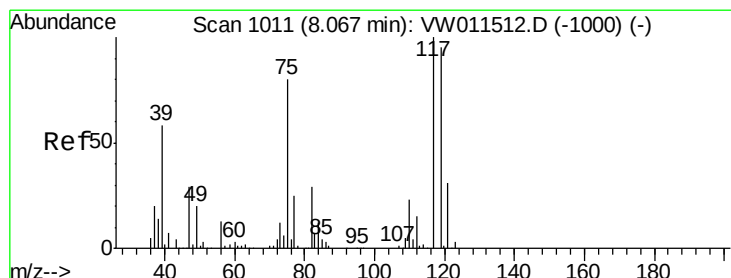
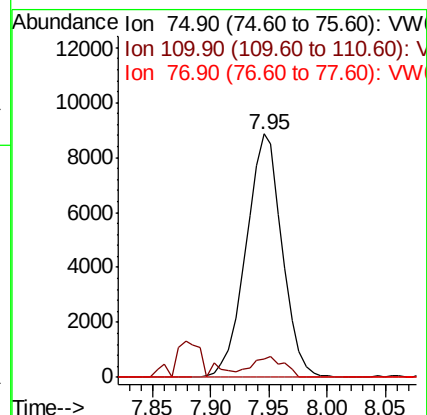
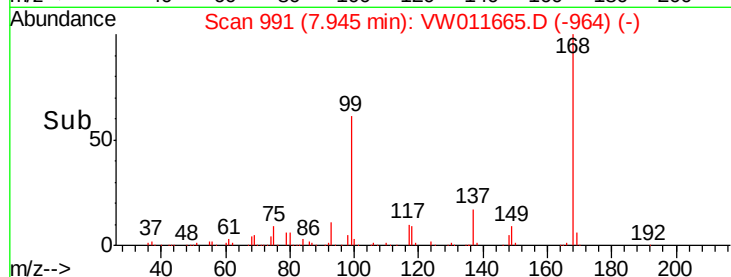
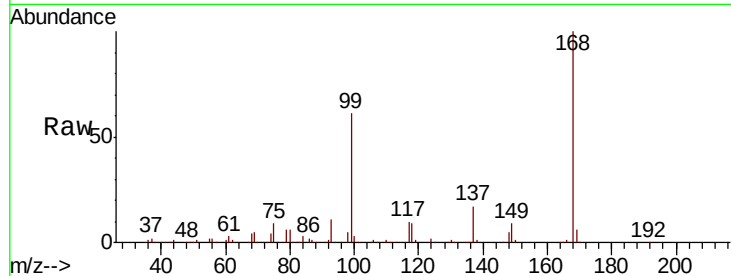
Tgt Ion: 75 Resp: 19110

Ion Ratio Lower Upper

75 100

110 7.6 15.6 46.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.866 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011665.D

Acq: 03 Aug 2019 14:56

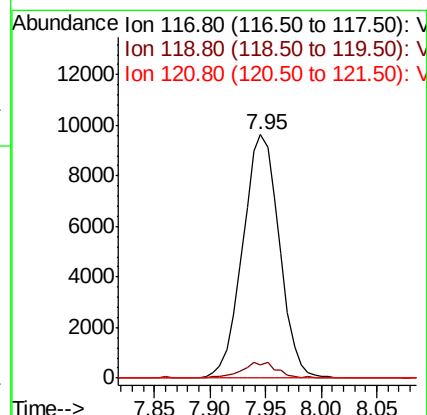
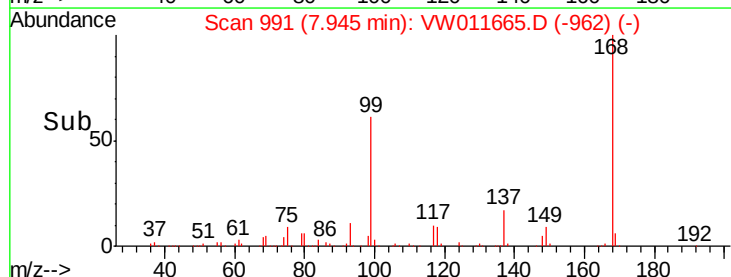
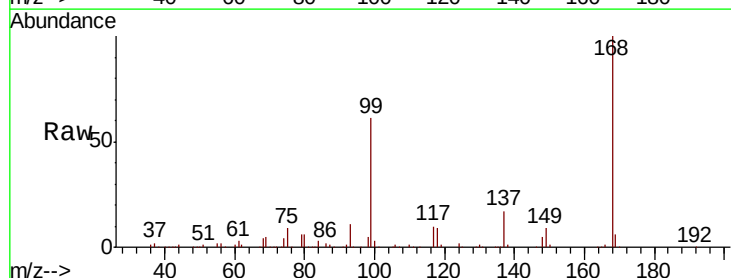
Tgt Ion: 117 Resp: 22062

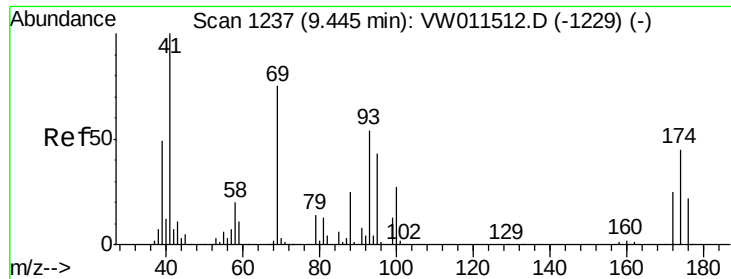
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.7 37.1#

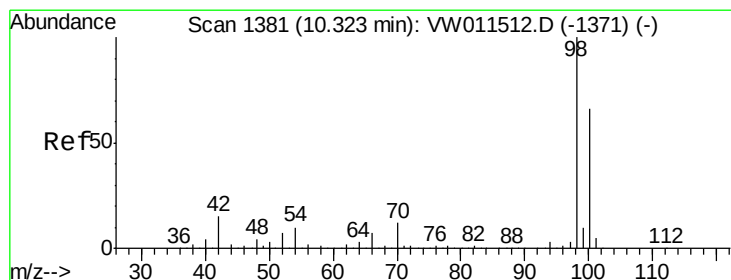
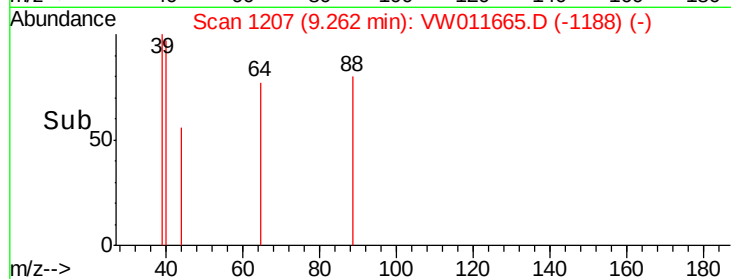
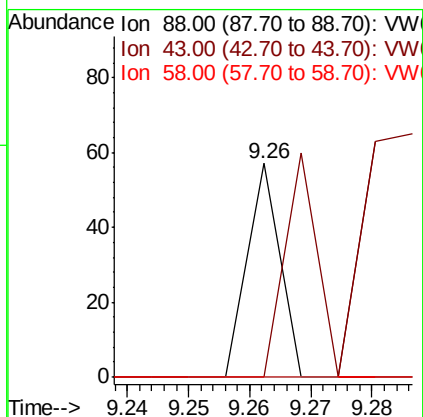
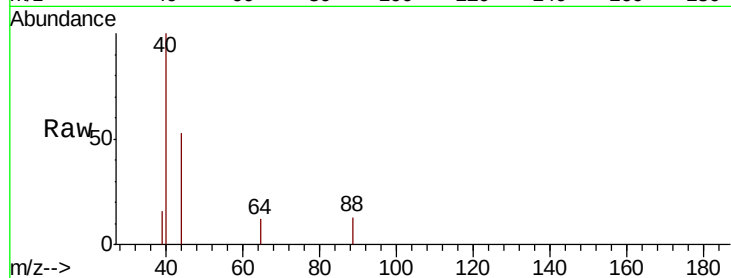




#49
 1,4-Dioxane
 Concen: 1.130 ug/l
 RT: 9.26 min Scan# 1207
 Delta R.T. -0.18 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

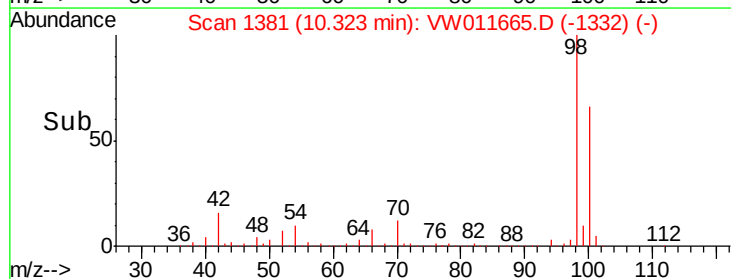
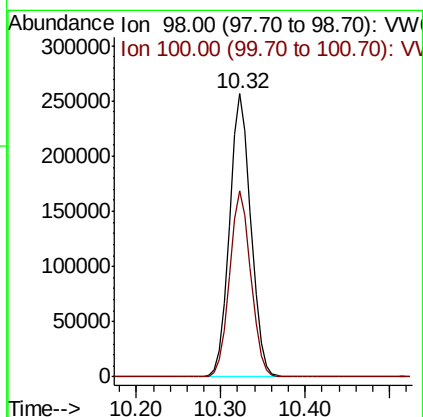
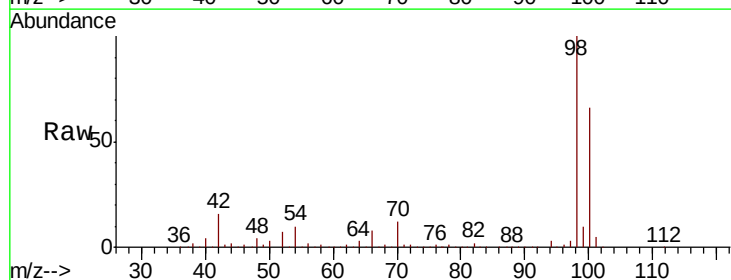
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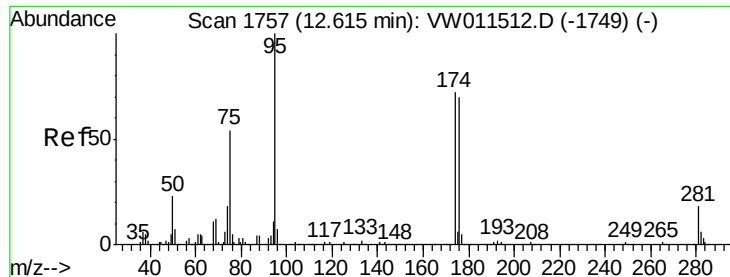
Tgt Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 43 0.0 34.0 51.0#
 58 0.0 69.7 104.5#



#50
 Toluene-d8
 Concen: 53.216 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

Tgt Ion: 98 Resp: 441249
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.7 79.1

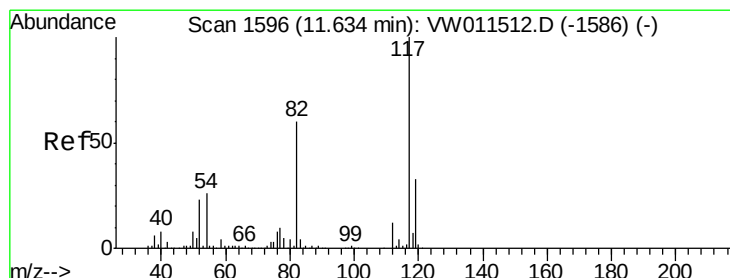
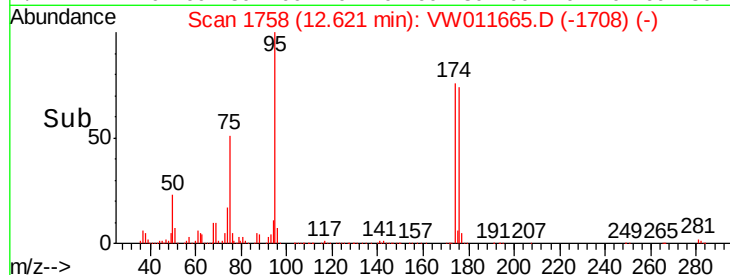
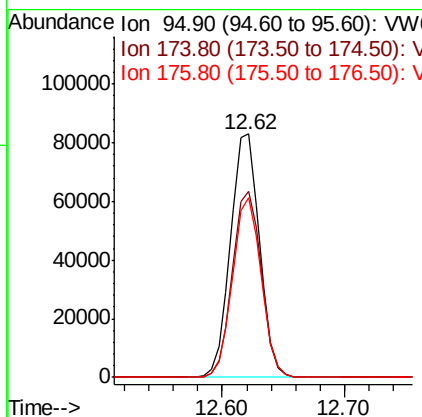
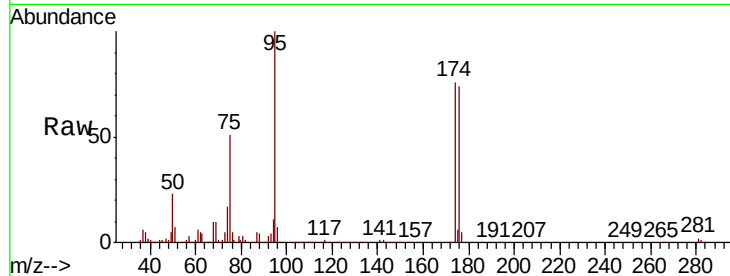




#62
4-Bromofluorobenzene
Concen: 45.733 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

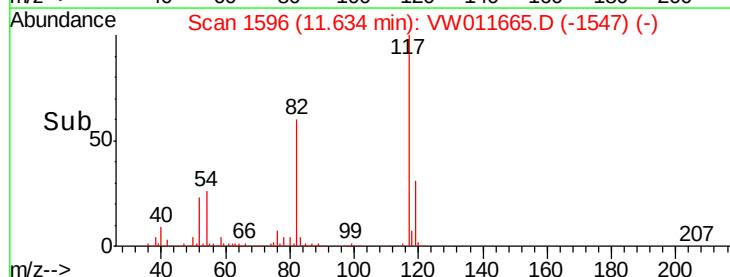
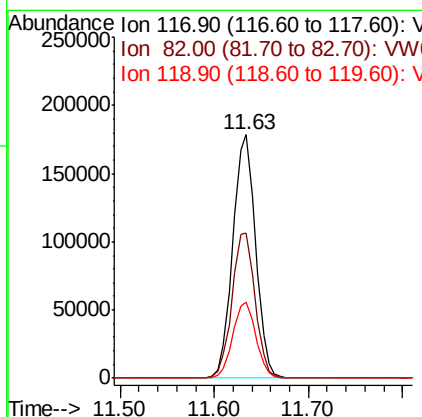
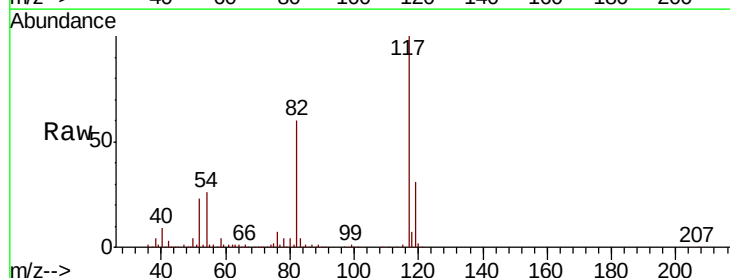
Instrument :
MSVOA_W
ClientSampled :
2S-H3-(0-1)

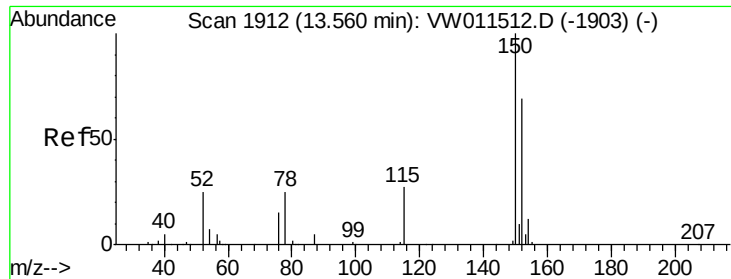
Tgt Ion: 95 Resp: 135195
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.2
176 73.1 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

Tgt Ion: 117 Resp: 299233
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 31.1 26.2 39.2

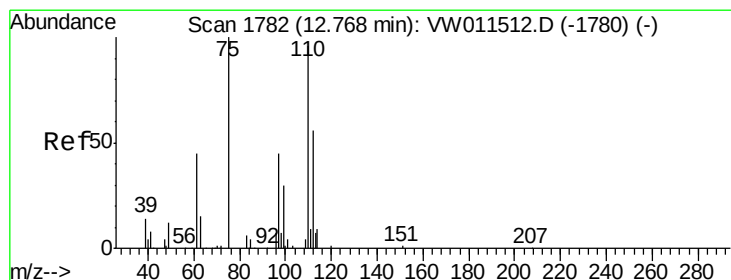
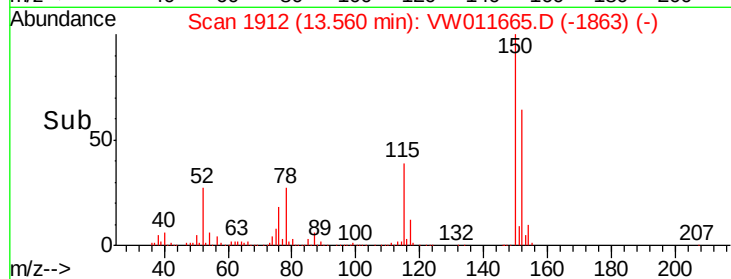
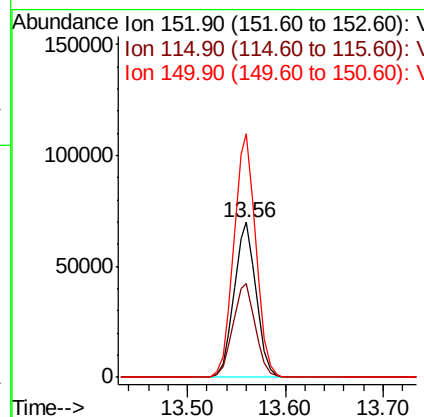
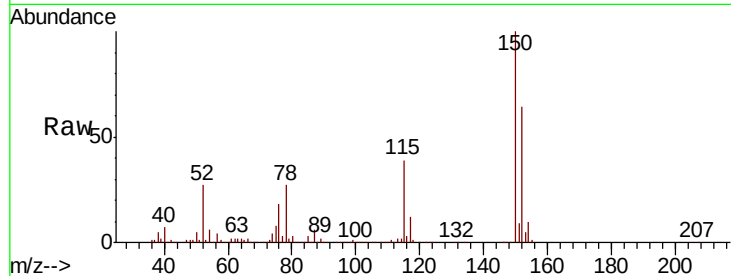




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

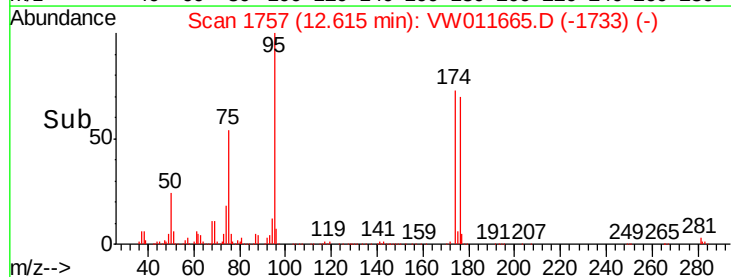
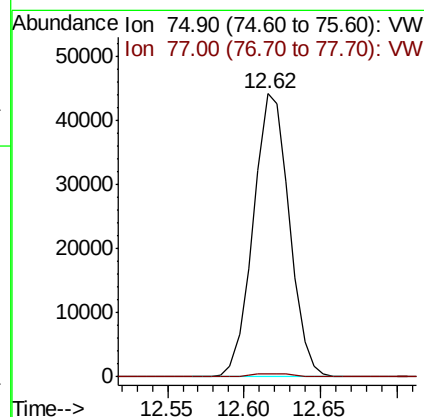
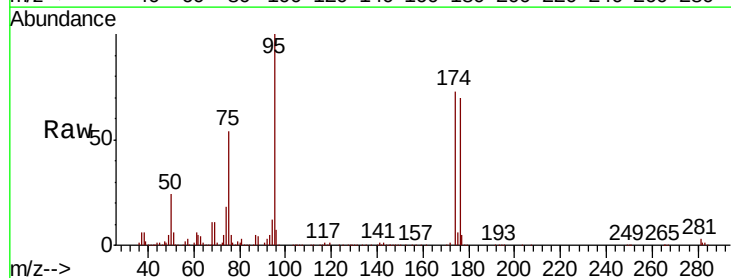
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H3-(0-1)

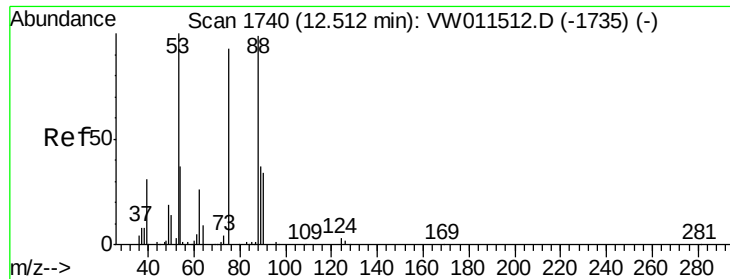
Tgt Ion:152 Resp: 108631
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.5 91.5
 150 156.8 0.0 352.6



#76
 1,2,3-Trichloropropane
 Concen: 63.178 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011665.D
 Acq: 03 Aug 2019 14:56

Tgt Ion: 75 Resp: 72619
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

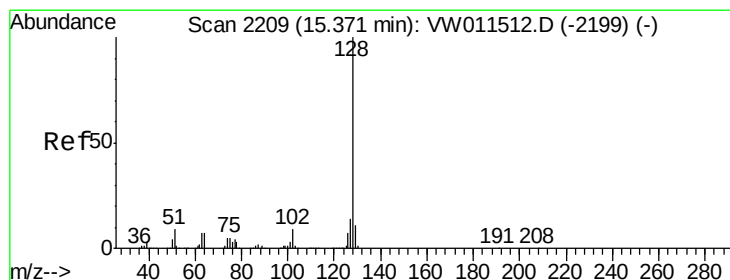
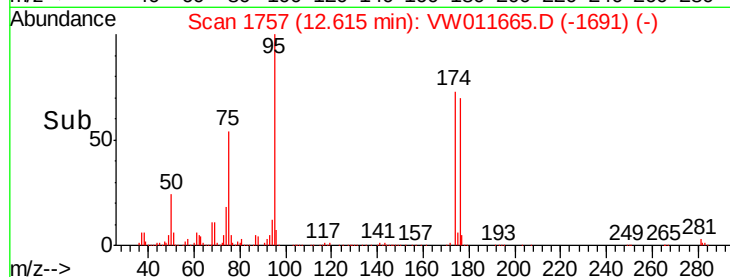
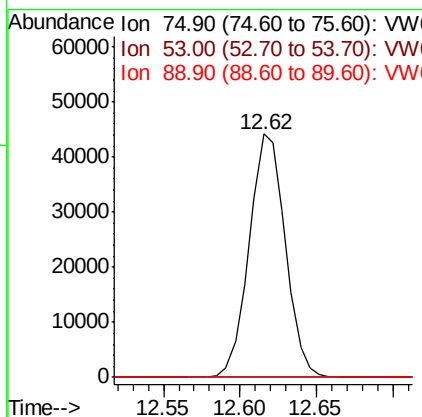
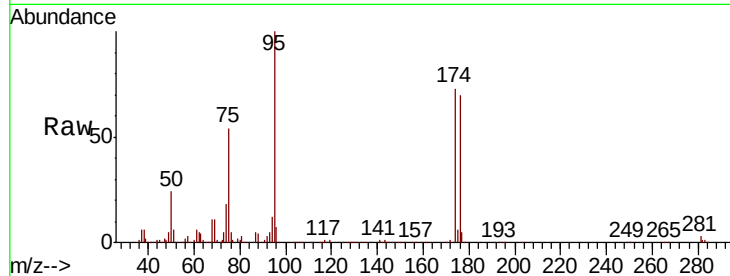




#81
trans-1,4-Dichloro-2-butene
Concen: 145.603 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

Instrument :
MSVOA_W
ClientSampleId :
2S-H3-(0-1)

Tgt Ion: 75 Resp: 72619
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.224 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011665.D
Acq: 03 Aug 2019 14:56

Tgt Ion: 128 Resp: 707
Ion Ratio Lower Upper
128 100
127 7.9 10.6 16.0#
129 0.0 8.6 13.0#

