

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005639.D
 Acq On : 26 Sep 2018 05:30
 Operator : VA/AP
 Sample : J4770-15RE
 Misc : 6.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-HRE

Quant Time: Sep 26 05:54:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	22041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	31379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	20951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6502	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	8587	33.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.14%	
35) Dibromofluoromethane	7.88	113	6617	33.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.06%	
50) Toluene-d8	10.33	98	13790	17.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.32%	
62) 4-Bromofluorobenzene	12.62	95	4988	16.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	33.56%	

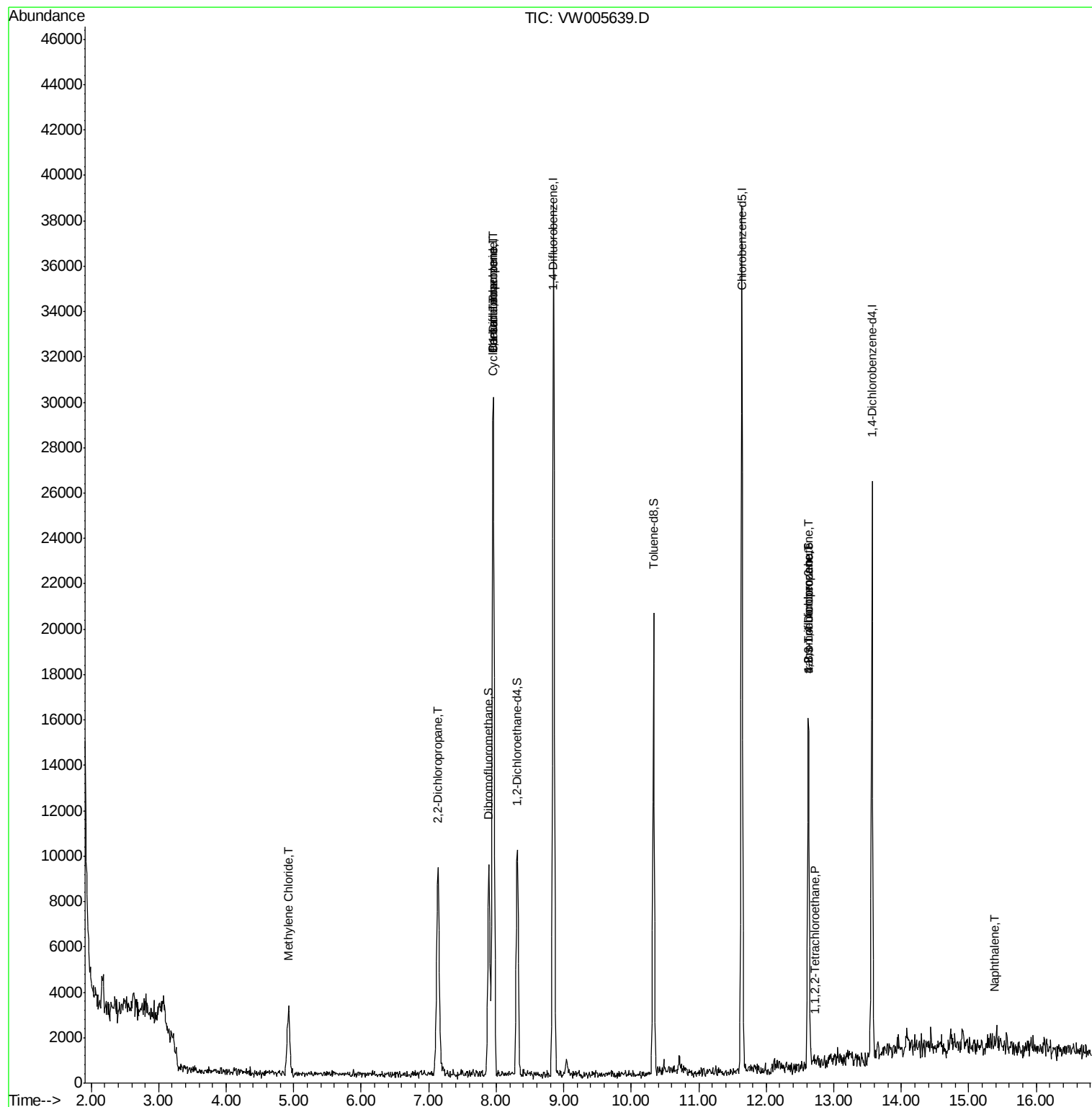
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	243	Below Cal	#	48
20) Methylene Chloride	4.92	84	2101	5.873	ug/l #	97
26) 2,2-Dichloropropane	7.14	77	585	1.994	ug/l #	54
31) Cyclohexane	7.95	56	431	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	1906	6.034	ug/l #	48
38) Carbon Tetrachloride	7.95	117	2261	6.680	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.72	83	88	1.175	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	2384	43.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	2384	96.878	ug/l #	8
95) Naphthalene	15.38	128	310	1.354	ug/l #	69

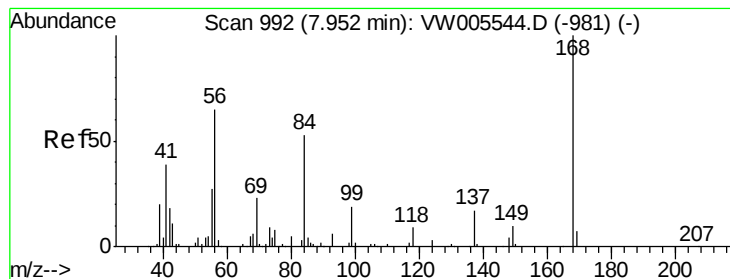
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

Instrument :

MSVOA_W

ClientSampleId :

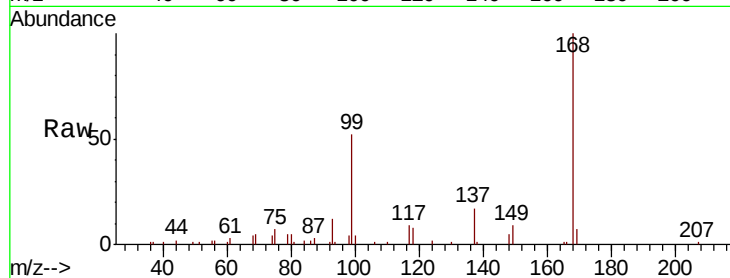
JC-02-092118-HRE

Tgt Ion:168 Resp: 22041

Ion Ratio Lower Upper

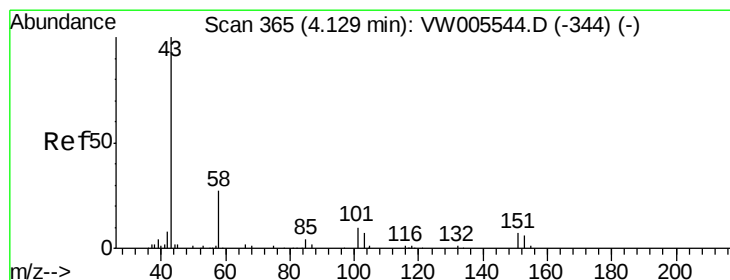
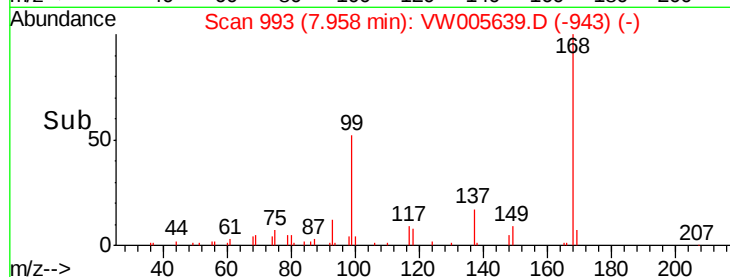
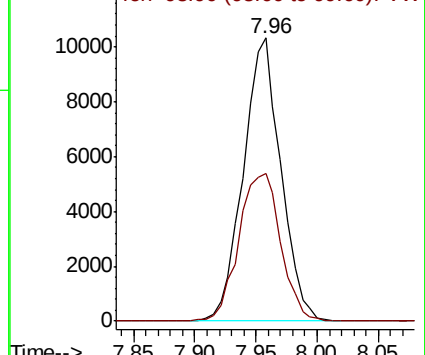
168 100

99 52.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005639.D

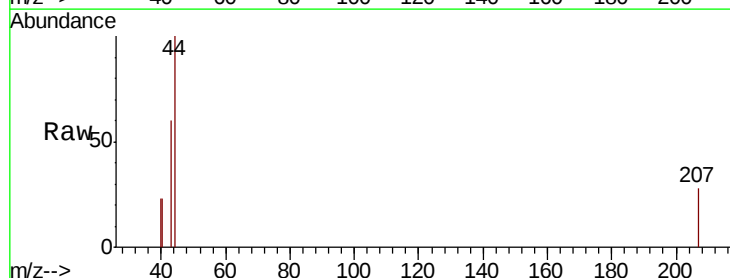
Acq: 26 Sep 2018 05:30

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

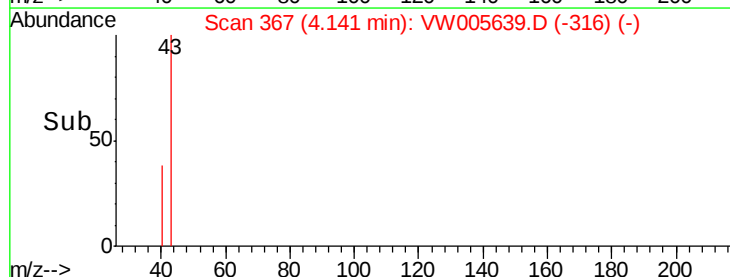
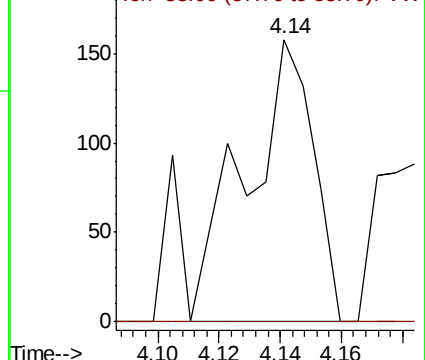
43 100

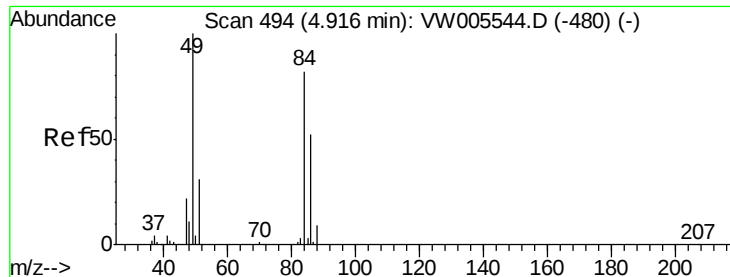
58 0.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 5.873 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-HRE

Tgt Ion: 84 Resp: 2101

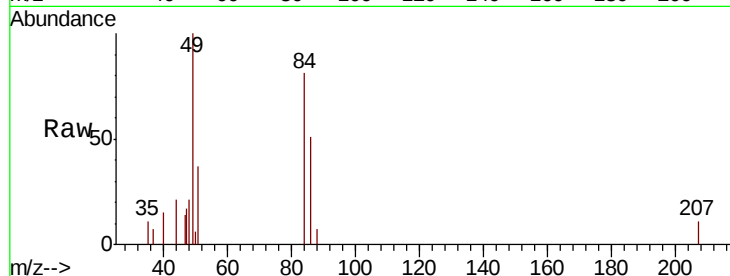
Ion Ratio Lower Upper

84 100

49 123.2 97.0 145.6

51 45.8 30.2 45.2#

86 62.4 50.2 75.4



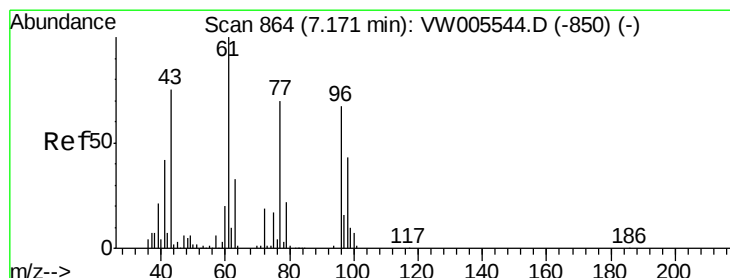
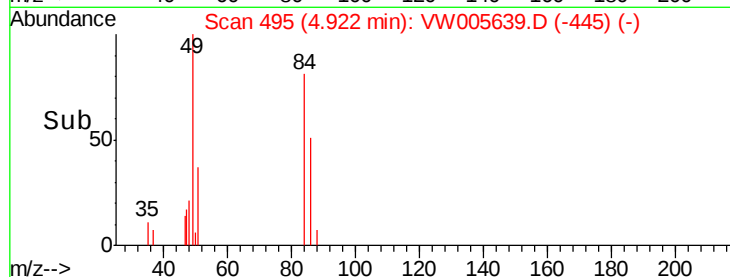
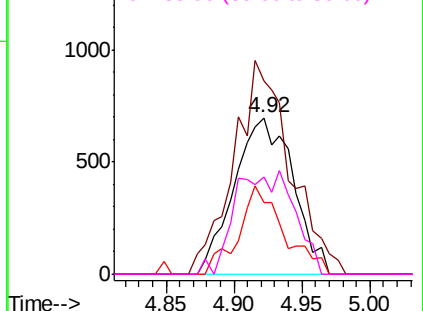
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#26

2,2-Dichloropropane

Concen: 1.994 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW005639.D

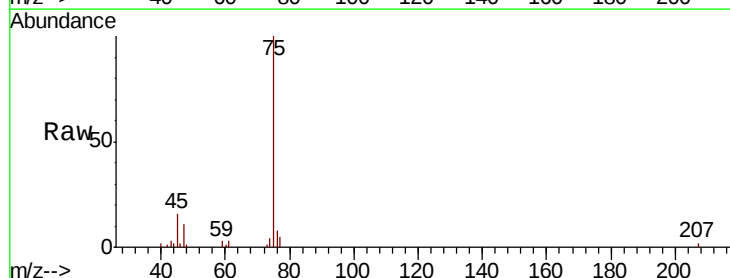
Acq: 26 Sep 2018 05:30

Tgt Ion: 77 Resp: 585

Ion Ratio Lower Upper

77 100

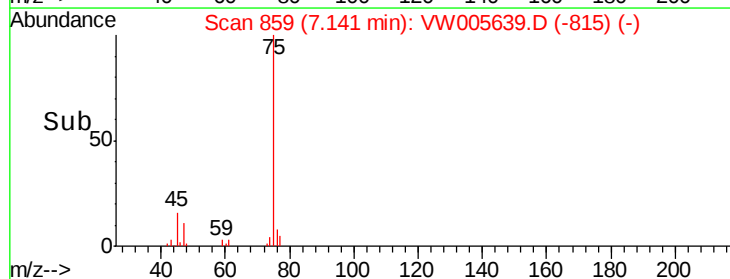
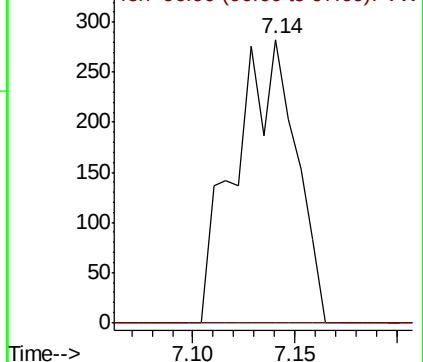
97 0.0 11.0 33.0#

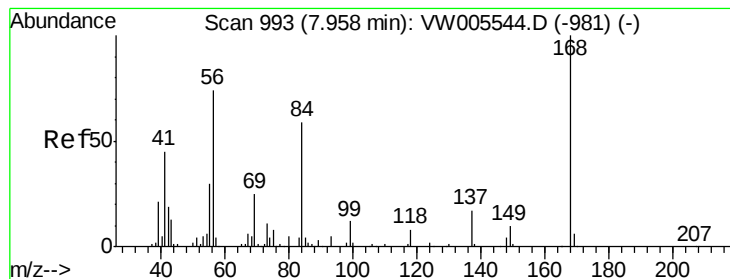


Abundance

Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: 1.071 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

Instrument :

MSVOA_W

ClientSampleId :

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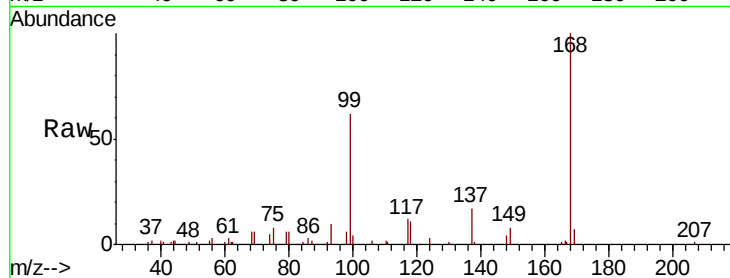
Tgt Ion: 56 Resp: 431

Ion Ratio Lower Upper

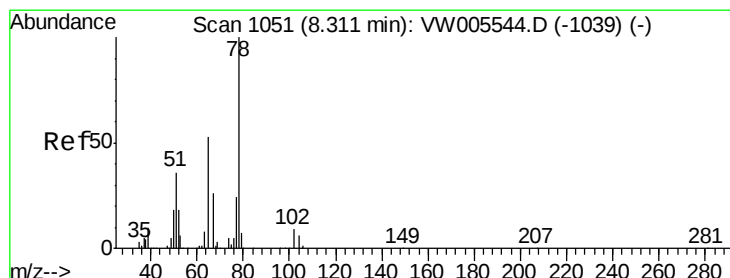
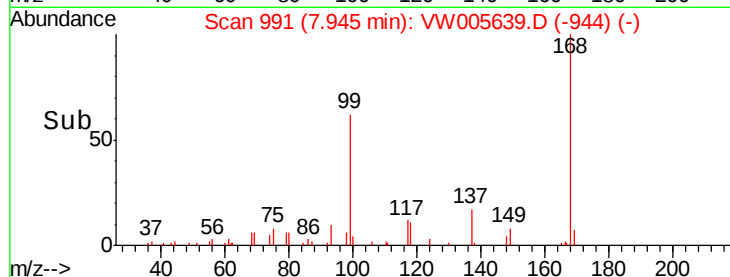
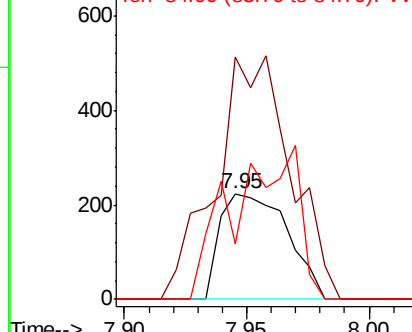
56 100

69 229.0 27.0 40.4#

84 53.1 64.2 96.4#



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: 33.070 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005639.D

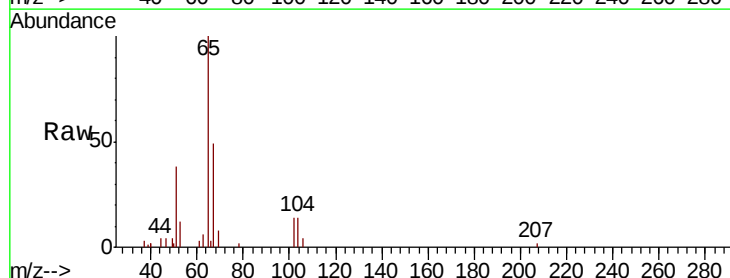
Acq: 26 Sep 2018 05:30

Tgt Ion: 65 Resp: 8587

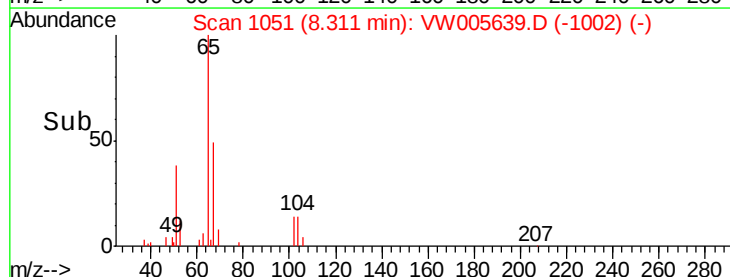
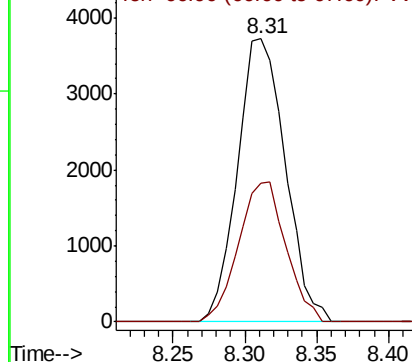
Ion Ratio Lower Upper

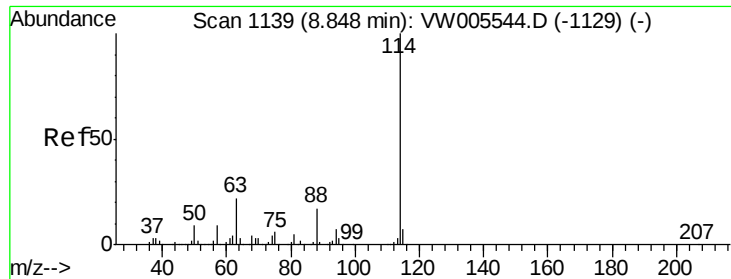
65 100

67 48.9 0.0 100.6



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-HRE

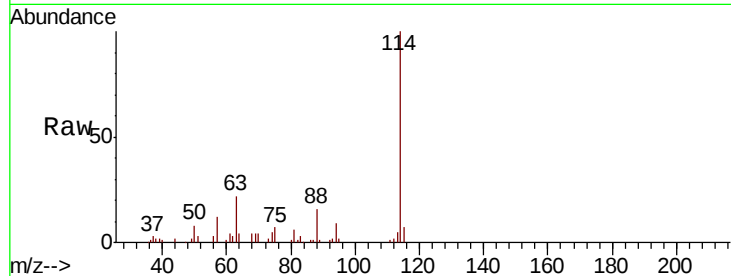
Tgt Ion:114 Resp: 31379

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

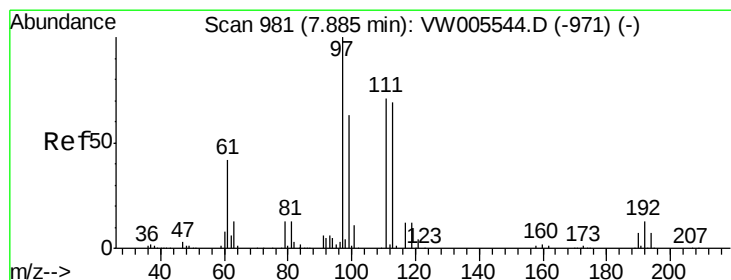
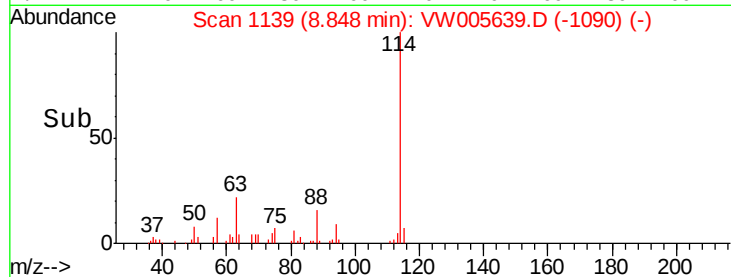
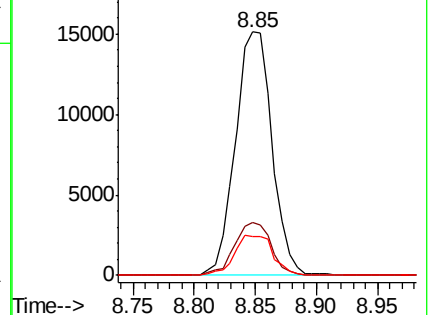
88 16.1 0.0 33.0



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: 33.533 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

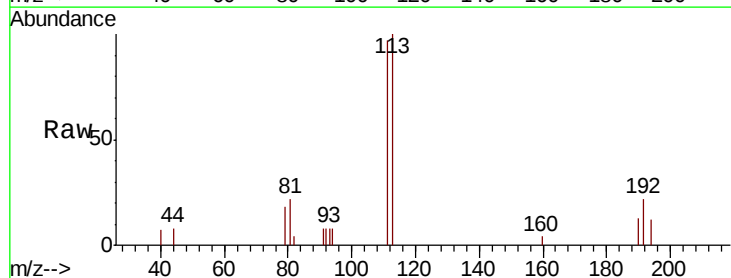
Tgt Ion:113 Resp: 6617

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

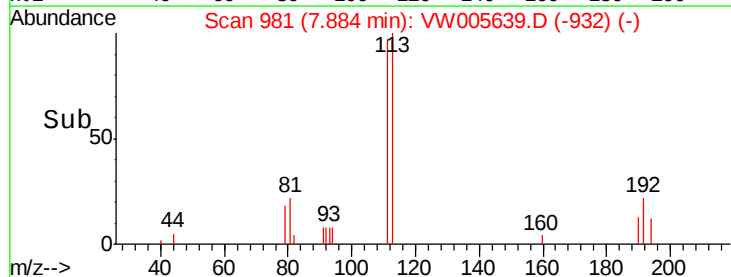
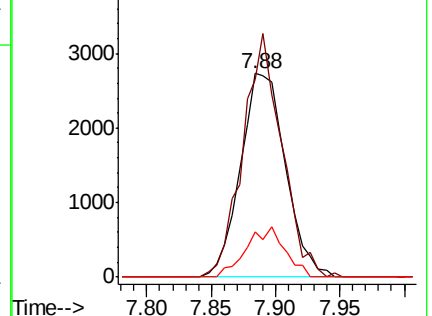
192 21.1 17.0 25.4

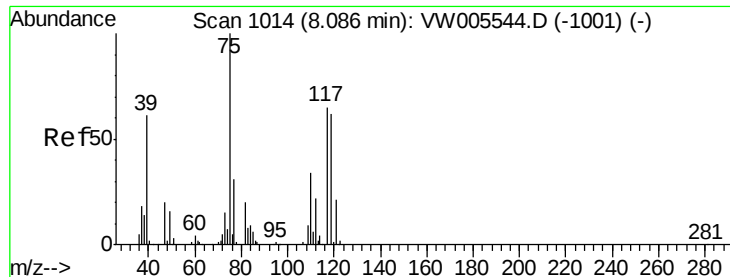


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

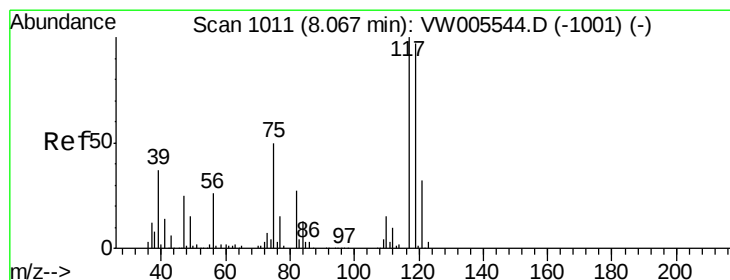
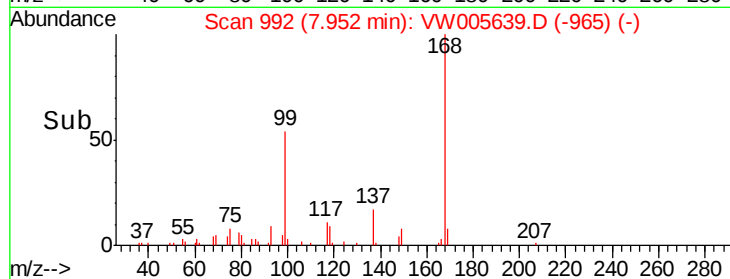
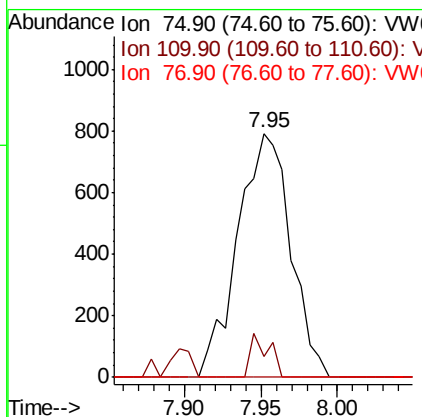
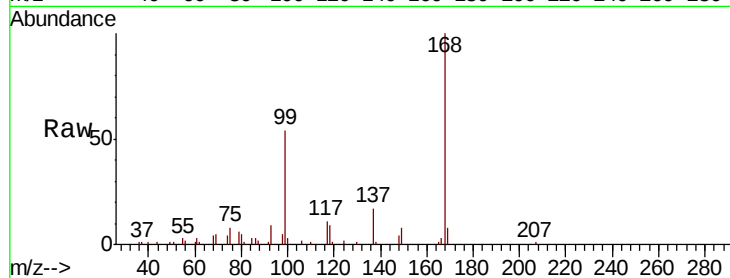




#36
 1,1-Dichloropropene
 Concen: 6.034 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

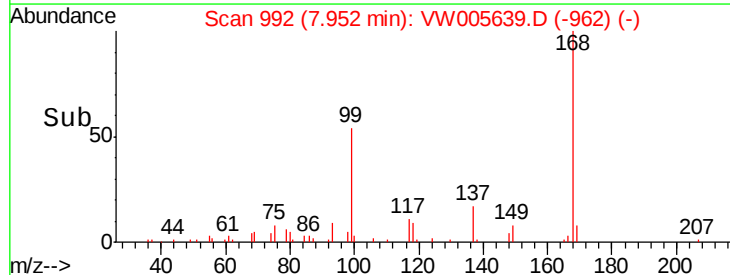
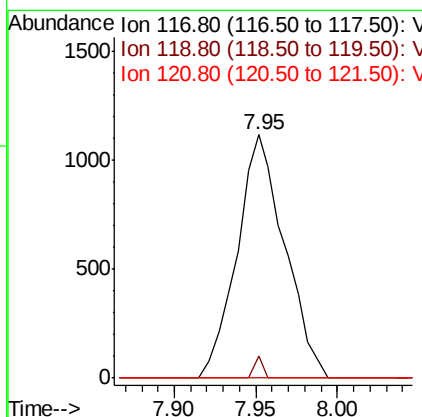
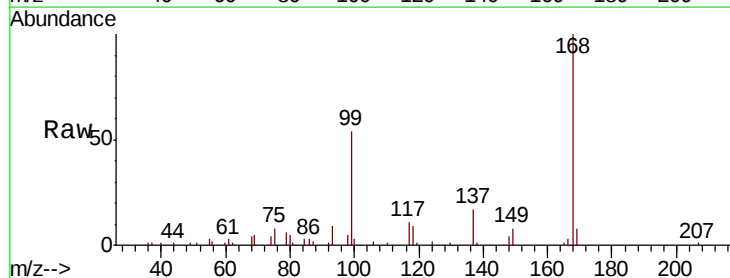
Instrument :
 MSVOA_W
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 JC-02-092118-HRE

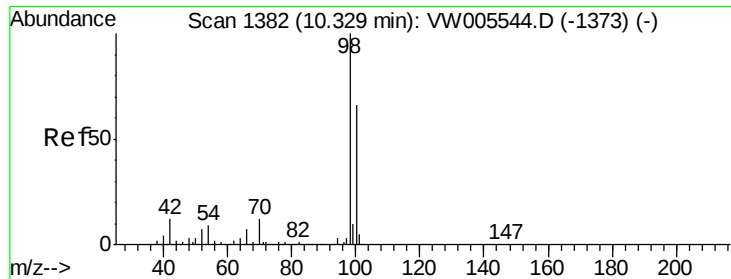
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	17.0	50.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.680 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	9.0	77.6	116.4#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 17.163 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

Instrument :

MSVOA_W

ClientSampleId :

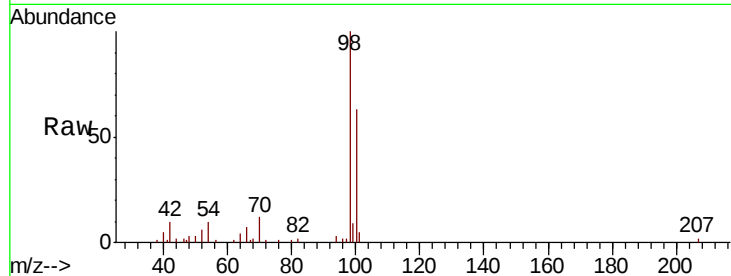
JC-02-092118-HRE

Tgt Ion: 98 Resp: 13790

Ion Ratio Lower Upper

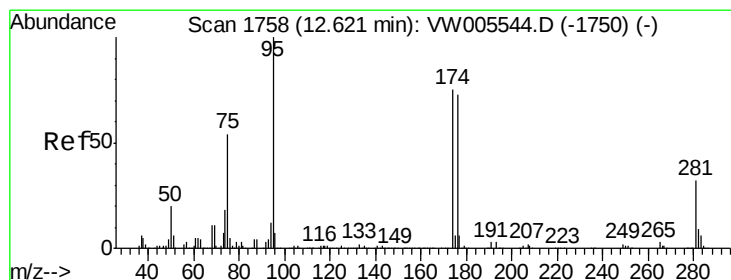
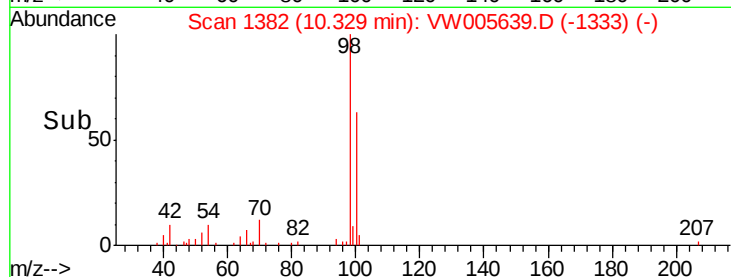
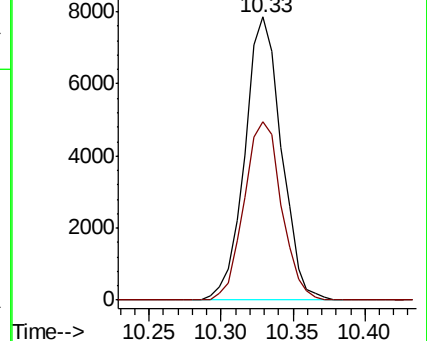
98 100

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



#62

4-Bromofluorobenzene

Concen: 16.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

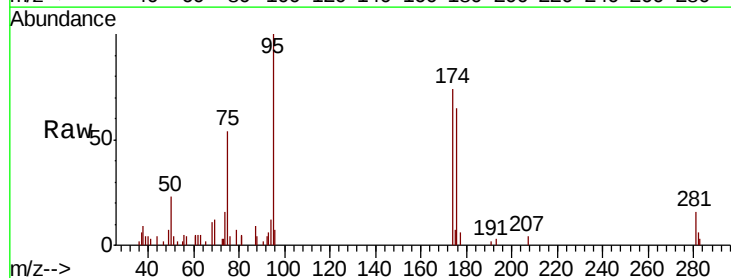
Tgt Ion: 95 Resp: 4988

Ion Ratio Lower Upper

95 100

174 79.5 0.0 163.8

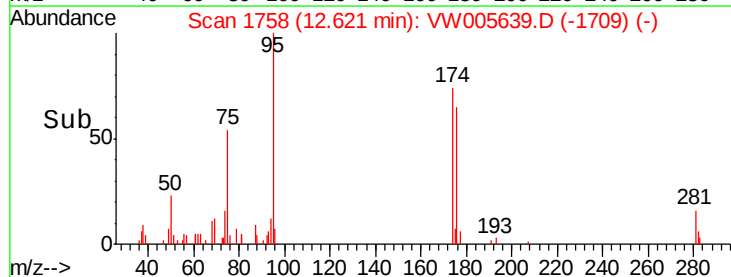
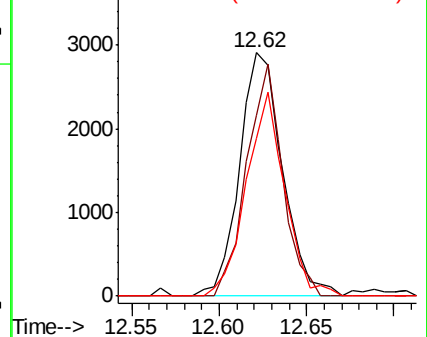
176 75.0 0.0 158.0

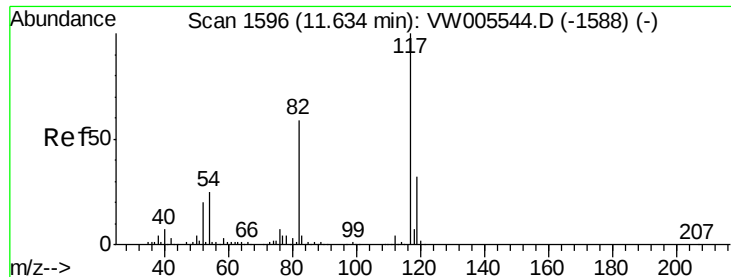


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

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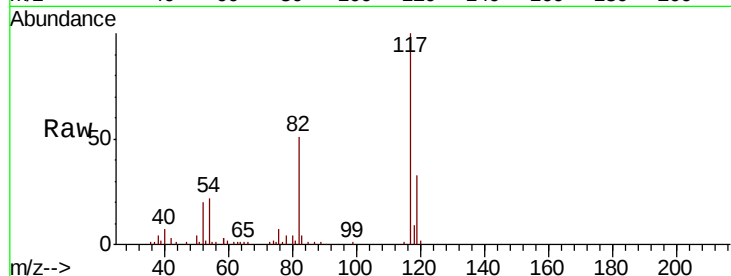
Tgt Ion:117 Resp: 20951

Ion Ratio Lower Upper

117 100

82 51.5 46.9 70.3

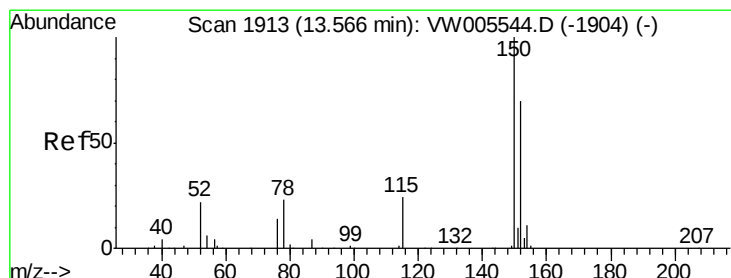
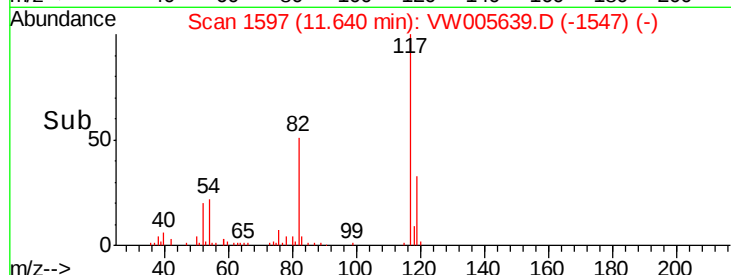
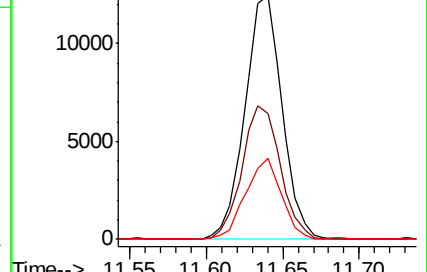
119 33.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005639.D

Acq: 26 Sep 2018 05:30

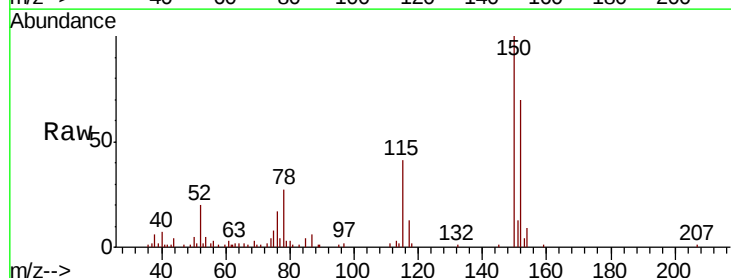
Tgt Ion:152 Resp: 6502

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

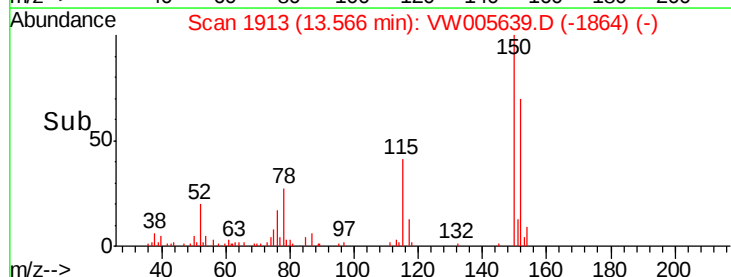
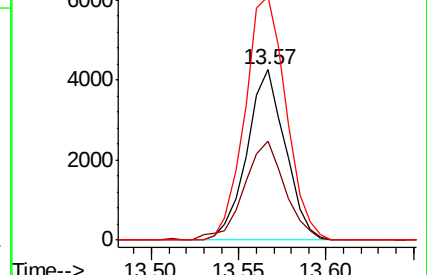
150 153.1 0.0 348.6

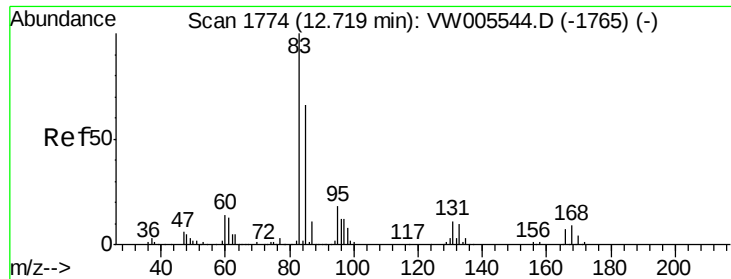


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

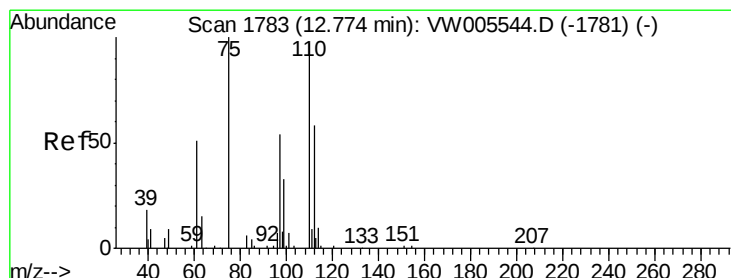
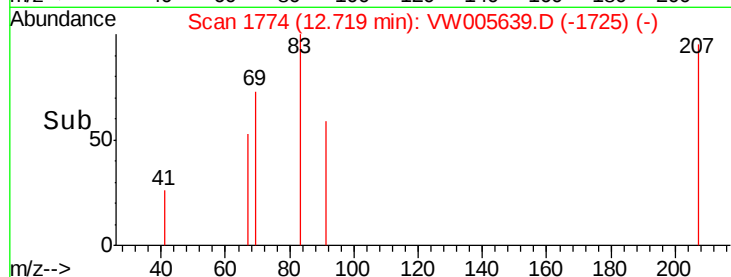
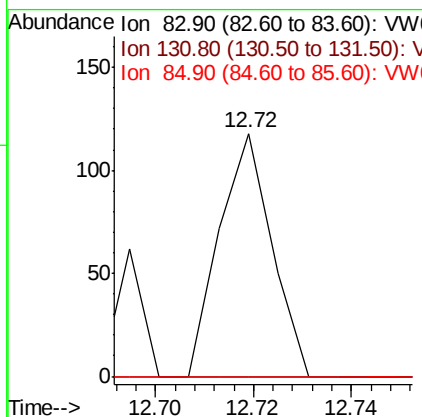
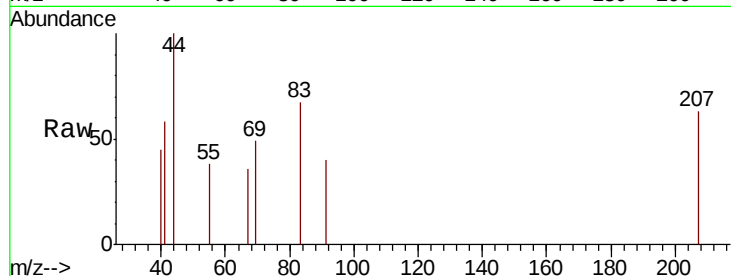




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.175 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

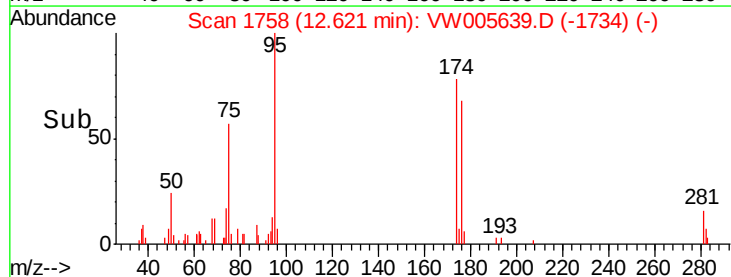
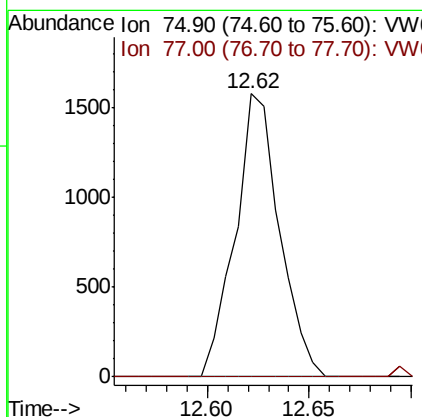
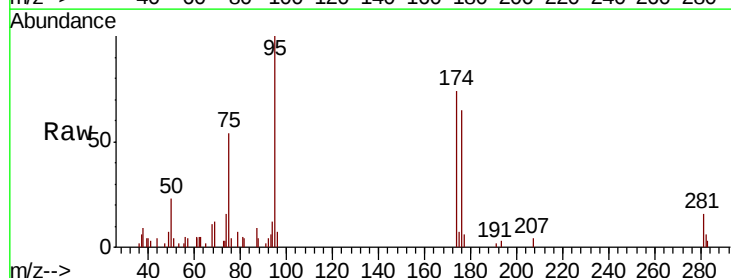
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-HRE

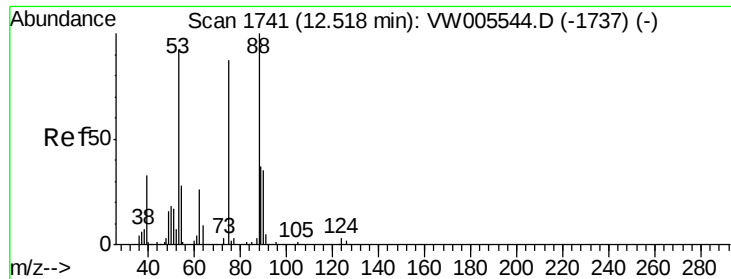
Tgt Ion: 83 Resp: 88
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.7#
 85 0.0 32.4 97.0#



#76
 1,2,3-Trichloropropane
 Concen: 43.013 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

Tgt Ion: 75 Resp: 2384
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

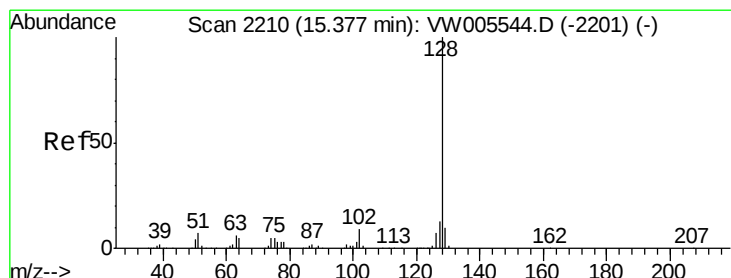
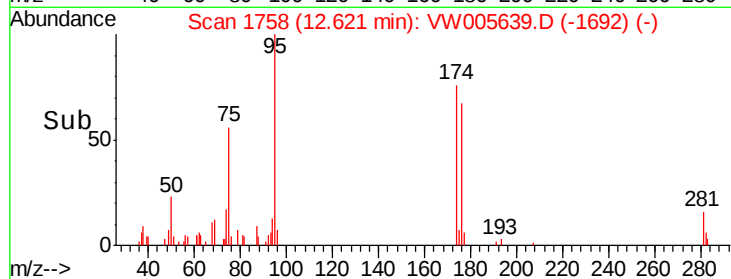
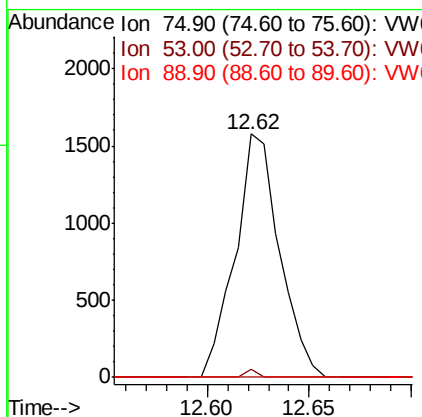
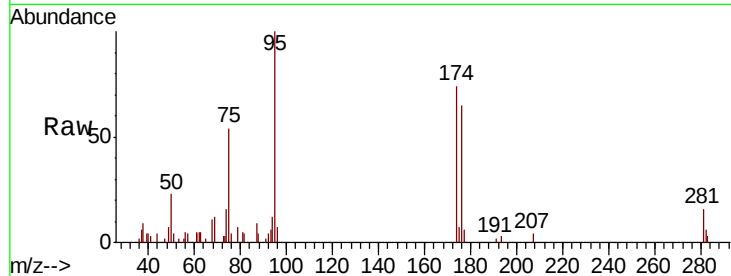




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.878 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-HRE

Tgt Ion: 75 Resp: 2384
 Ion Ratio Lower Upper
 75 100
 53 0.8 85.8 128.6#
 89 0.0 37.3 55.9#



#95
 Naphthalene
 Concen: 1.354 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005639.D
 Acq: 26 Sep 2018 05:30

Tgt Ion: 128 Resp: 310
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.6 13.0#

