

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
 Data File : VW012672.D
 Acq On : 06 Sep 2019 05:39
 Operator : SY/VA
 Sample : K4579-17
 Misc : 5.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-C1-(0)

Quant Time: Sep 06 07:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	117235	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	169814	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
35) Dibromofluoromethane	7.88	113	130573	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
50) Toluene-d8	10.32	98	516724	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	151864	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	

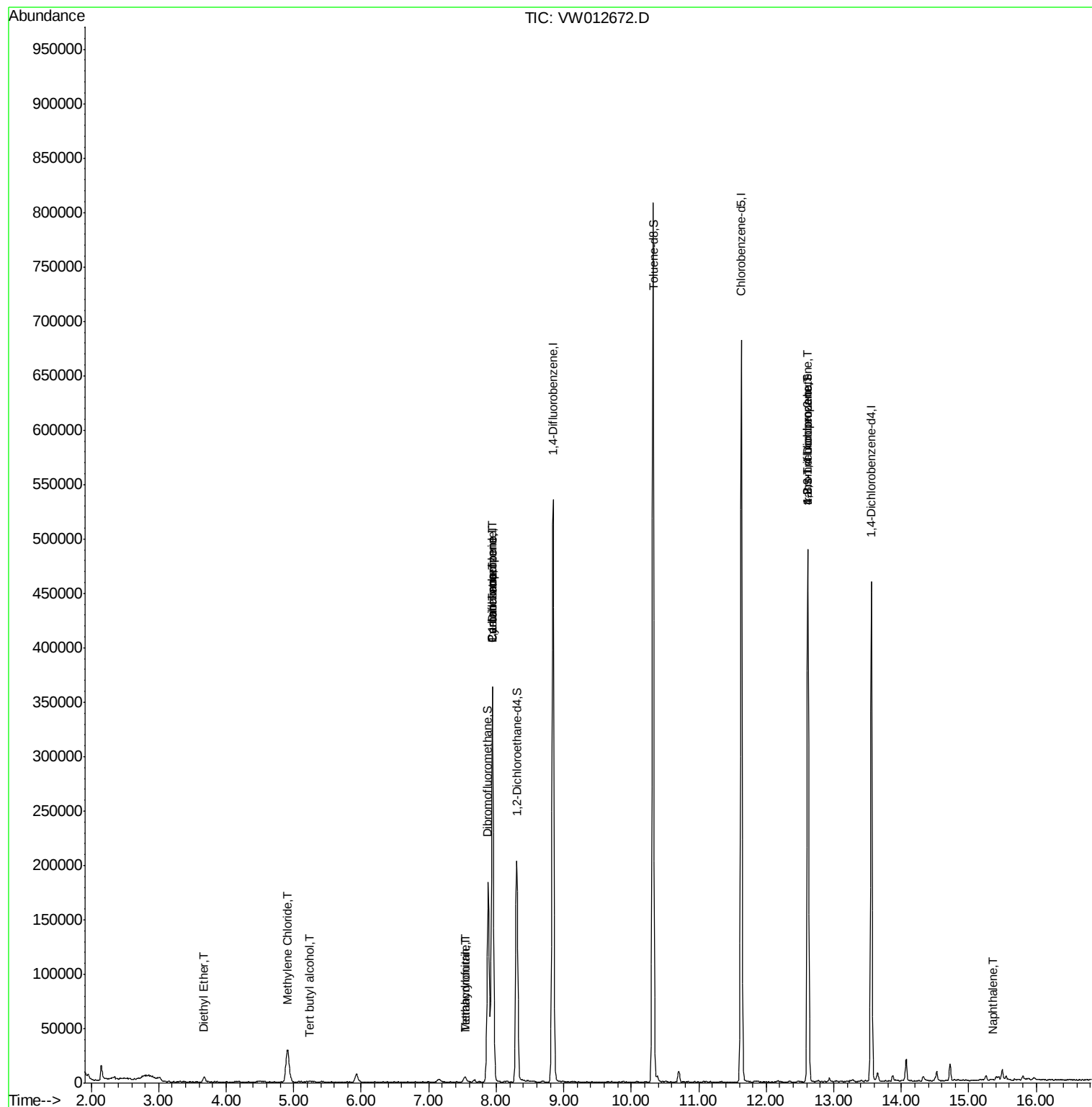
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2348	1.614	ug/l	91
11) Tert butyl alcohol	5.23	59	1108	5.926	ug/l #	71
20) Methylene Chloride	4.91	84	21674	7.219	ug/l	96
29) Tetrahydrofuran	7.54	42	4446	6.867	ug/l	100
31) Cyclohexane	7.94	56	6098	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	21216	4.930	ug/l #	53
38) Carbon Tetrachloride	7.95	117	25899	6.953	ug/l #	16
41) Methacrylonitrile	7.55	41	2921	2.107	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	82464	72.224	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82464	158.353	ug/l #	6
95) Naphthalene	15.36	128	194	4.361	ug/l #	85

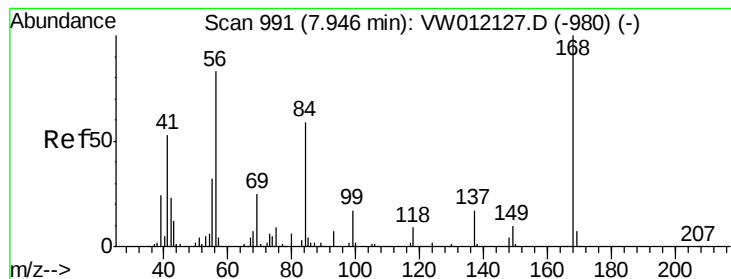
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
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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: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampled :

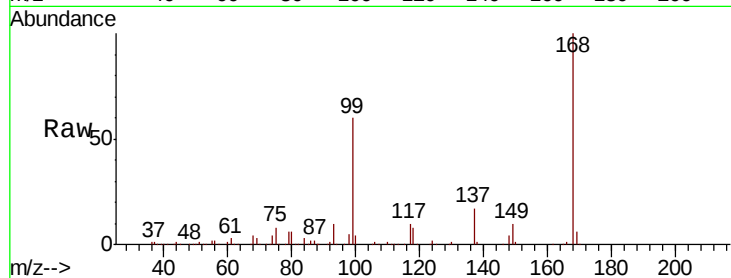
PAR-12-C1-(0)

Tgt Ion:168 Resp: 261340

Ion Ratio Lower Upper

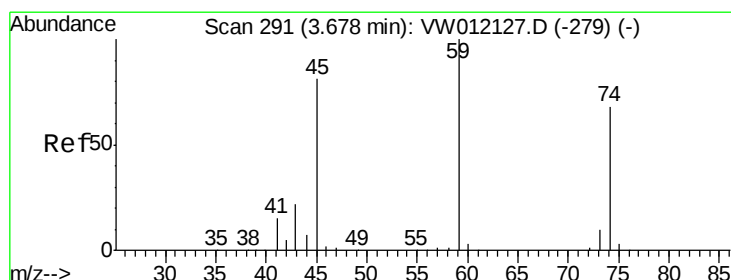
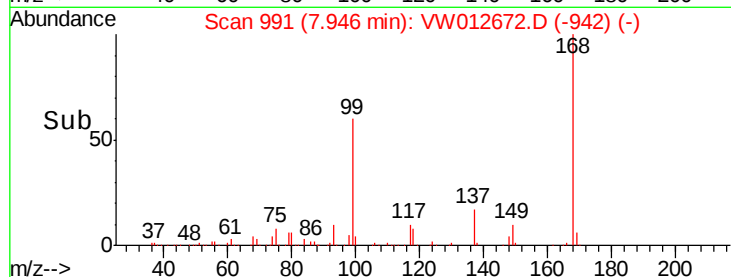
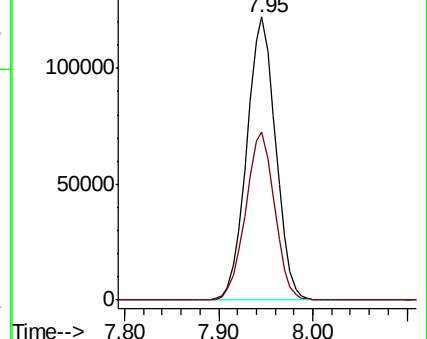
168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.614 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW012672.D

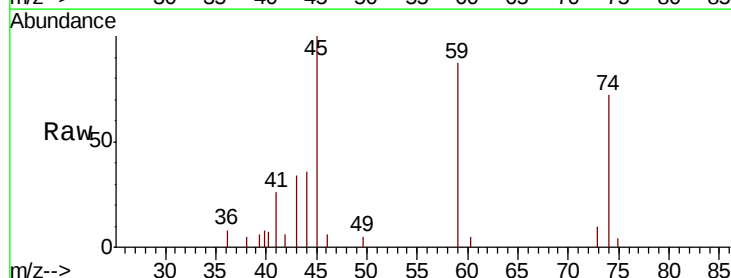
Acq: 06 Sep 2019 05:39

Tgt Ion: 74 Resp: 2348

Ion Ratio Lower Upper

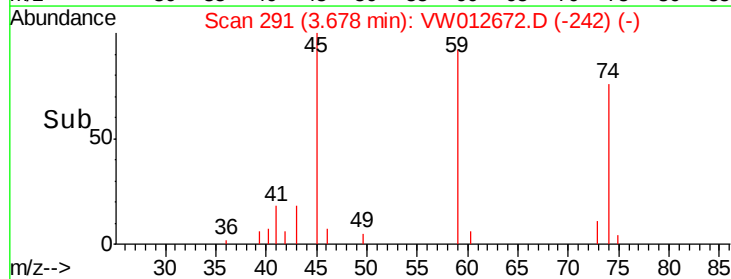
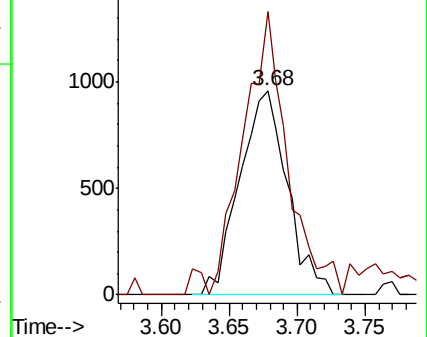
74 100

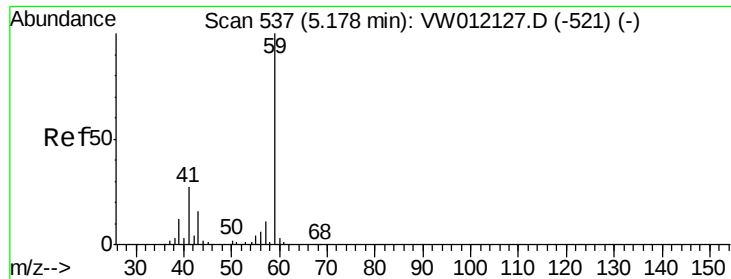
45 128.3 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

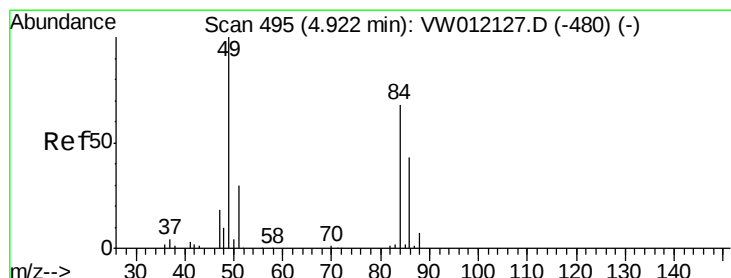
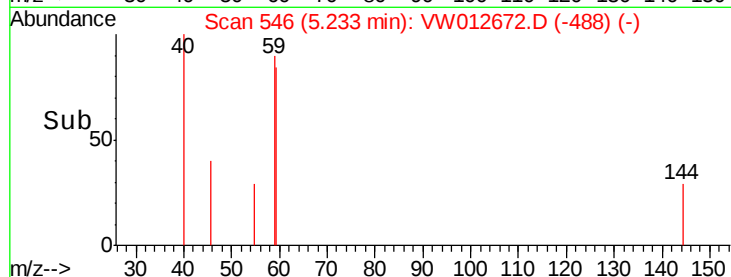
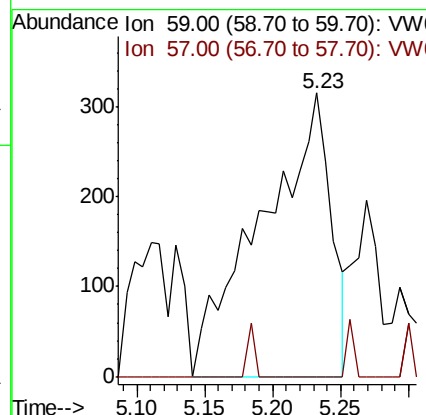
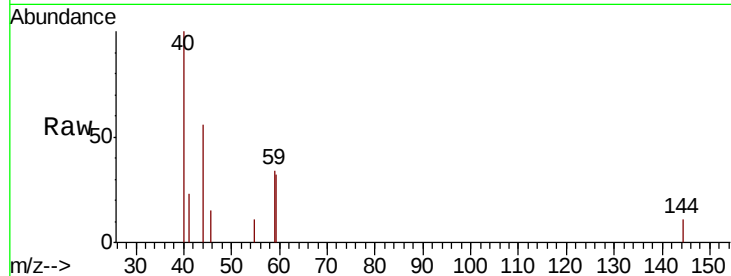




#11
Tert butyl alcohol
Concen: 5.926 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.05 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

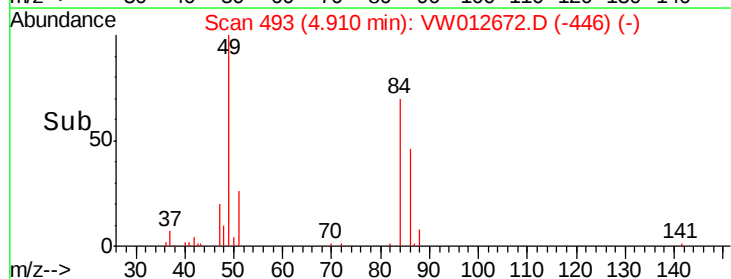
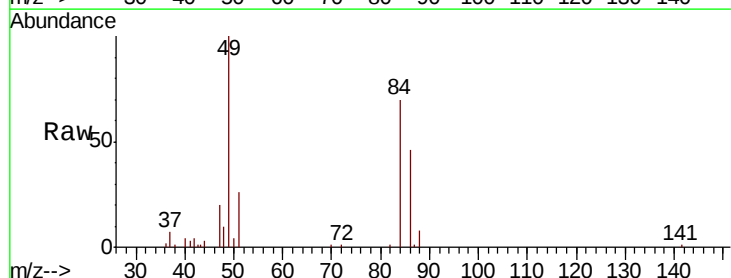
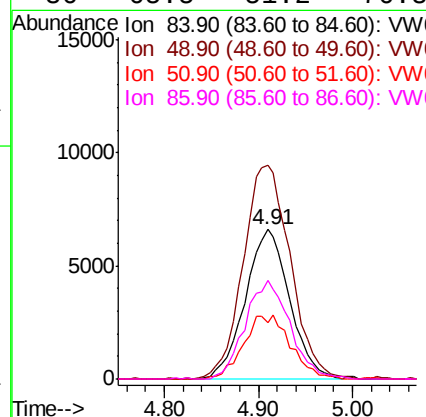
Instrument :
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ClientSampleId :
PAR-12-C1-(0)

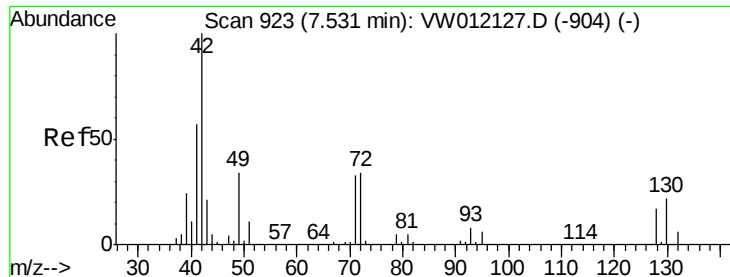
Tgt Ion: 59 Resp: 1108
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#20
Methylene Chloride
Concen: 7.219 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Tgt Ion: 84 Resp: 21674
Ion Ratio Lower Upper
84 100
49 142.6 117.8 176.8
51 37.6 35.6 53.4
86 65.5 51.2 76.8





#29

Tetrahydrofuran

Concen: 6.867 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-C1-(0)

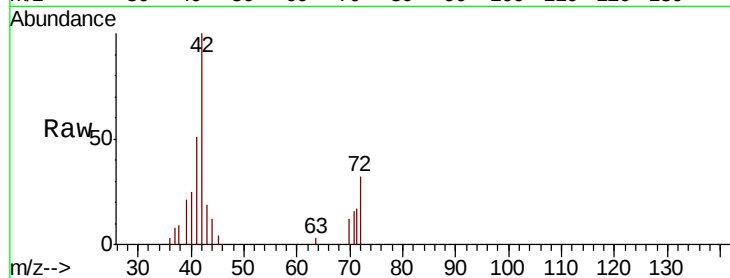
Tgt Ion: 42 Resp: 4446

Ion Ratio Lower Upper

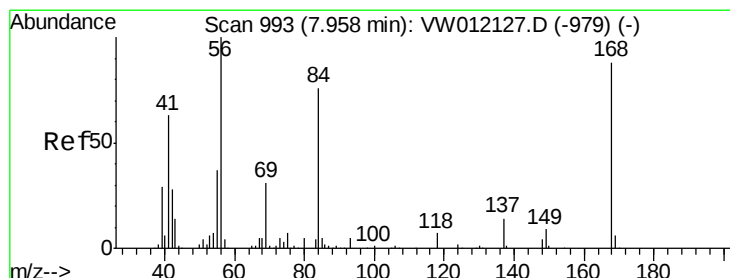
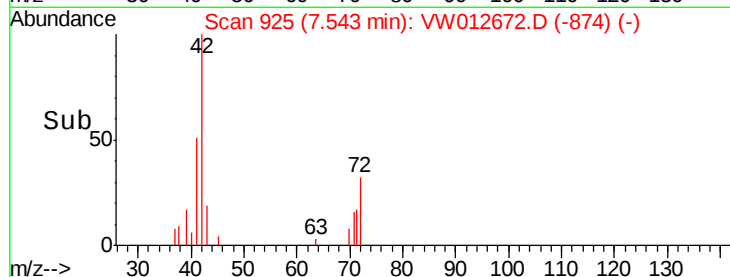
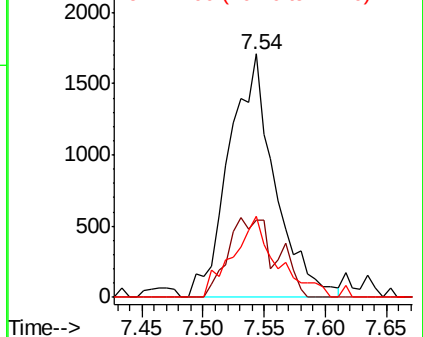
42 100

72 34.3 27.3 40.9

71 32.1 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.090 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

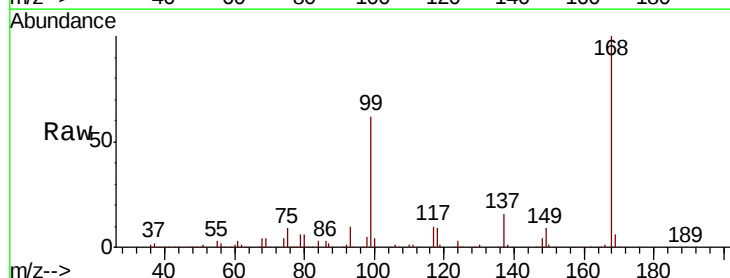
Tgt Ion: 56 Resp: 6098

Ion Ratio Lower Upper

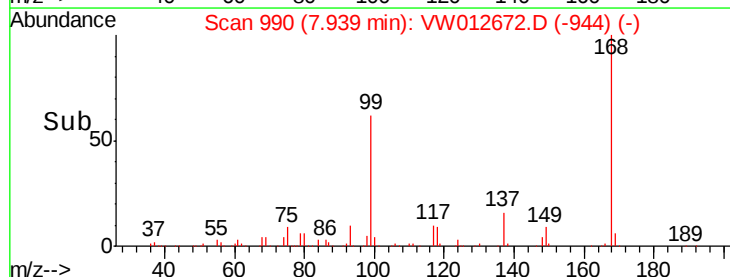
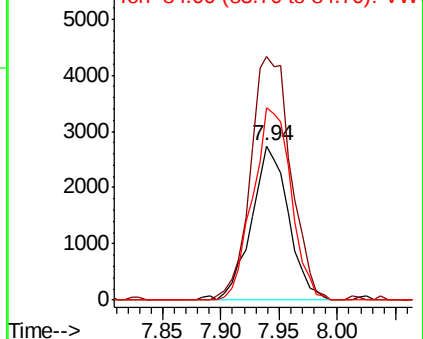
56 100

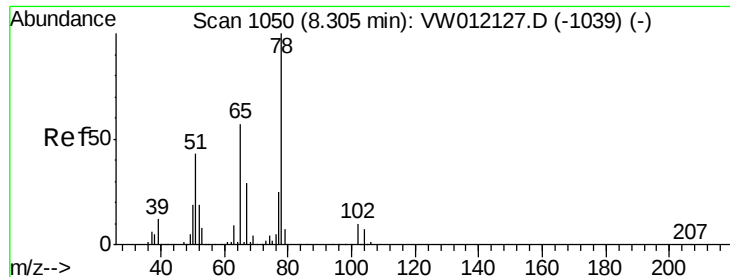
69 157.5 24.9 37.3#

84 124.9 60.6 90.8#



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

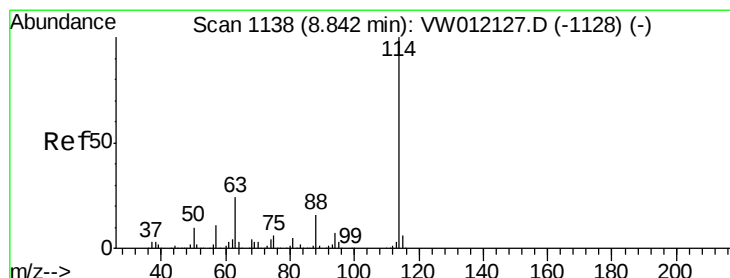
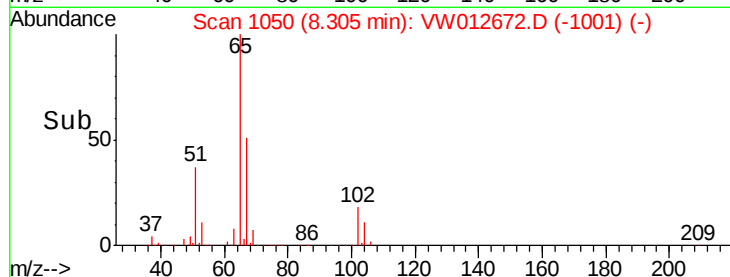
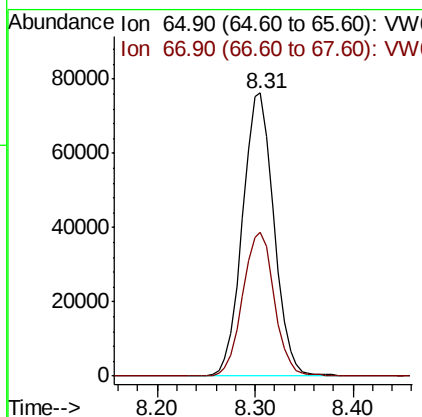
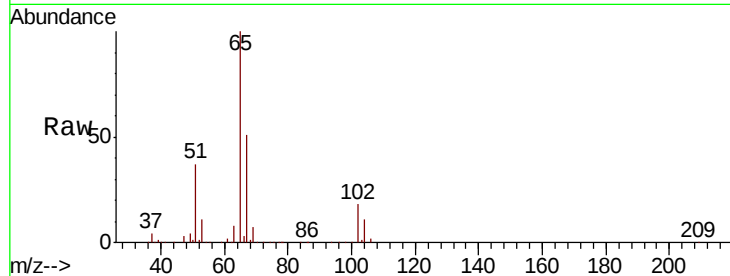




#33
 1,2-Dichloroethane-d4
 Concen: 54.661 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

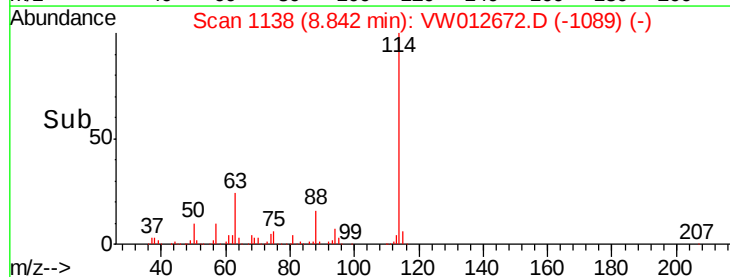
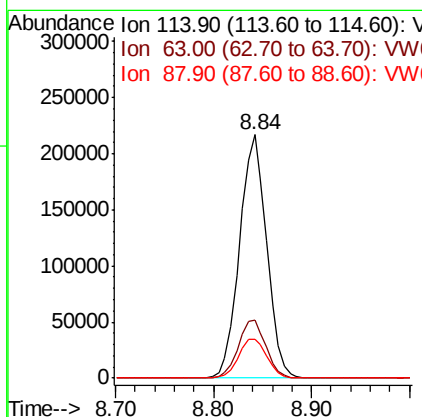
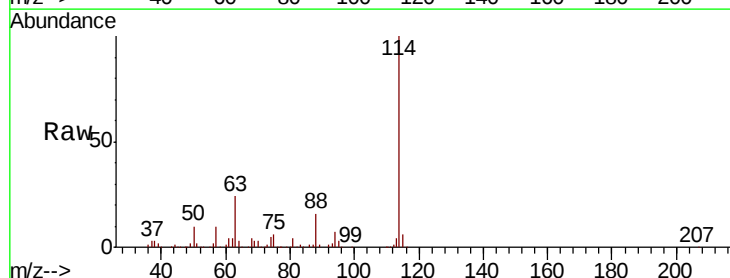
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-C1-(0)

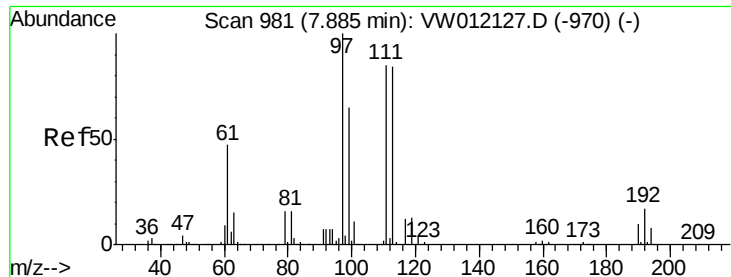
Tgt Ion: 65 Resp: 169814
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

Tgt Ion: 114 Resp: 416454
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.1 0.0 32.2

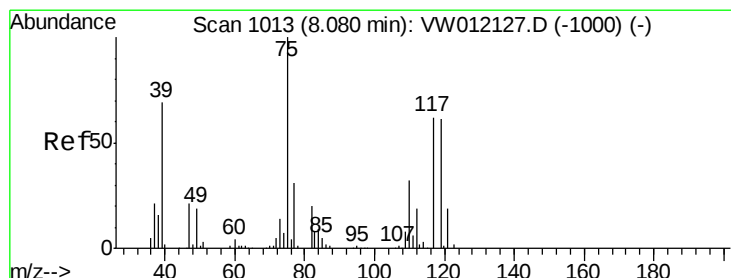
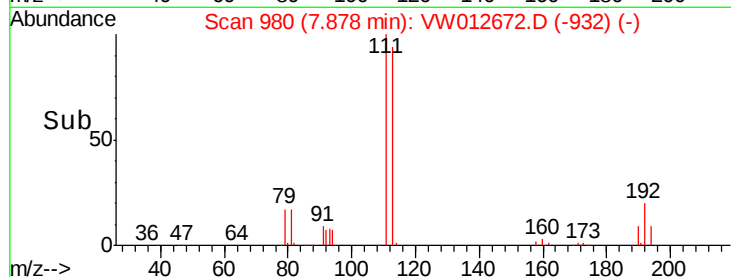
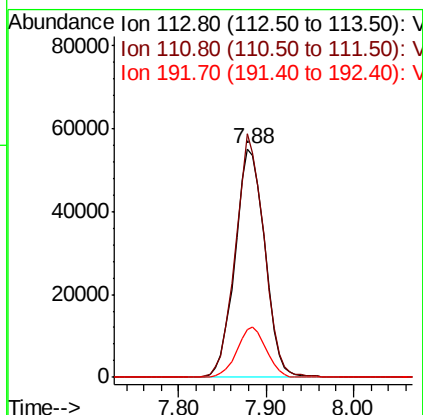
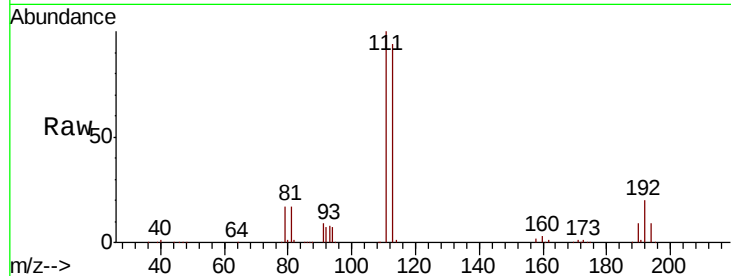




#35
 Dibromofluoromethane
 Concen: 52.527 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

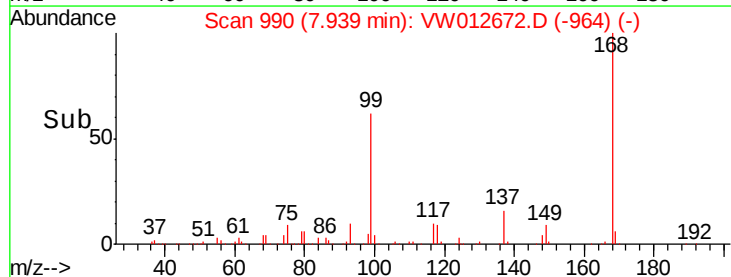
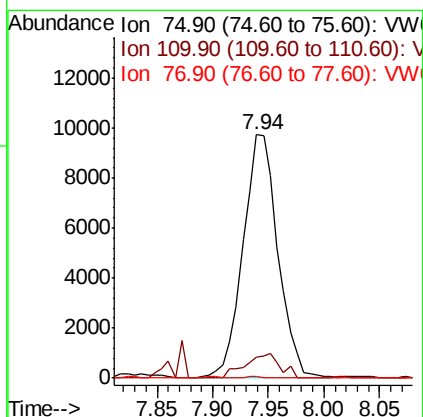
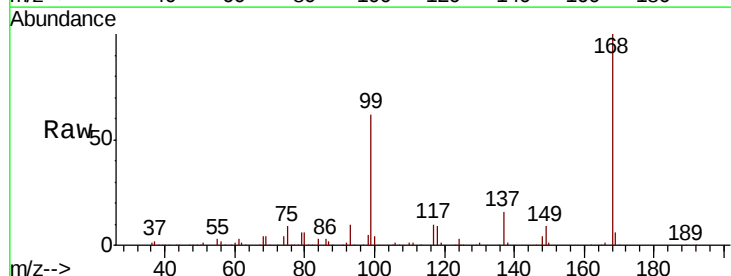
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-C1-(0)

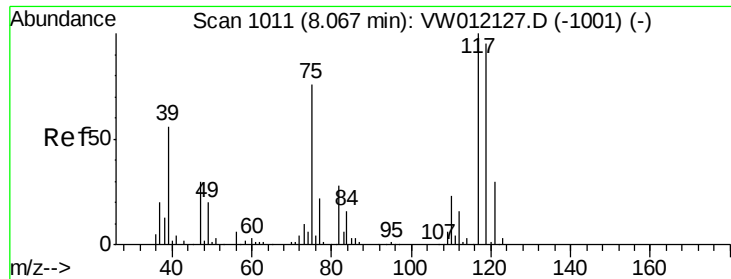
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	21.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	15.6	46.8#
77	0.2	24.6	36.8#

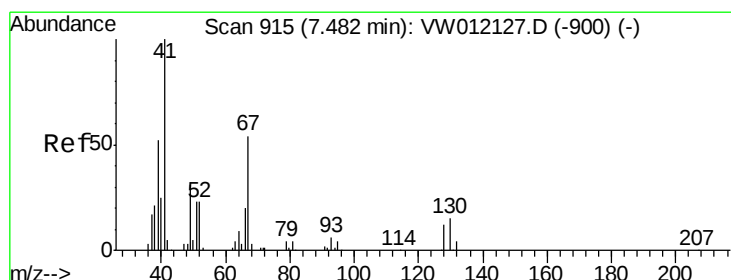
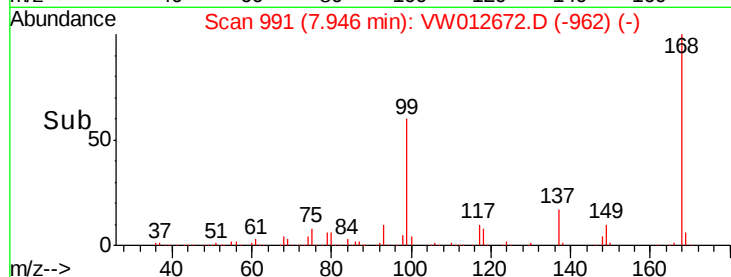
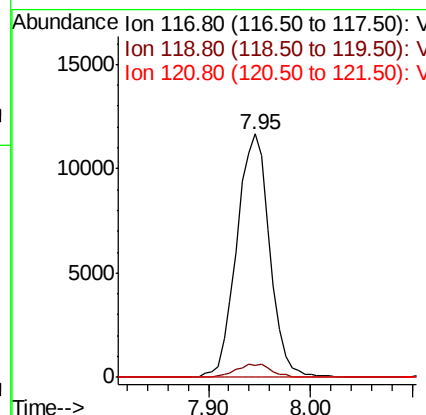
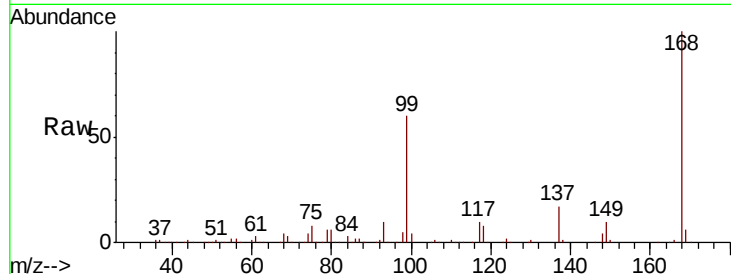




#38
Carbon Tetrachloride
Concen: 6.953 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

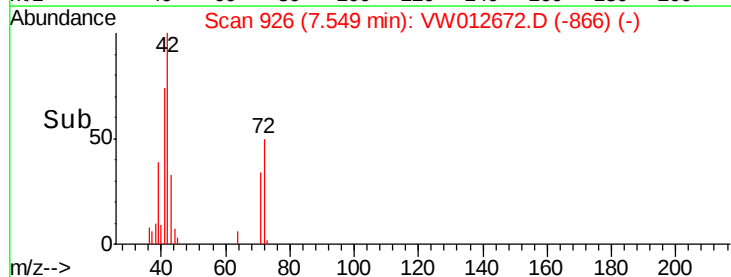
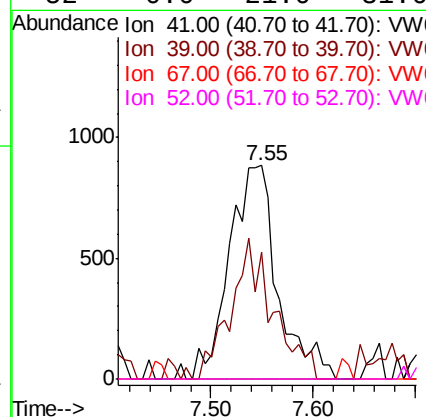
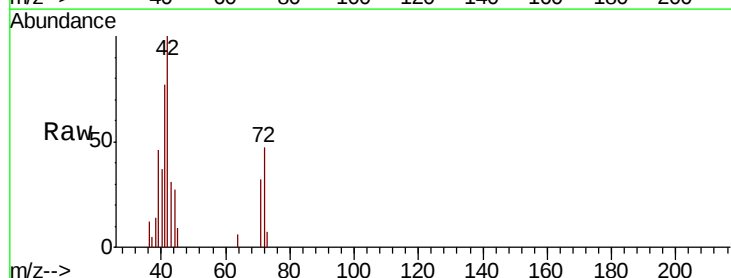
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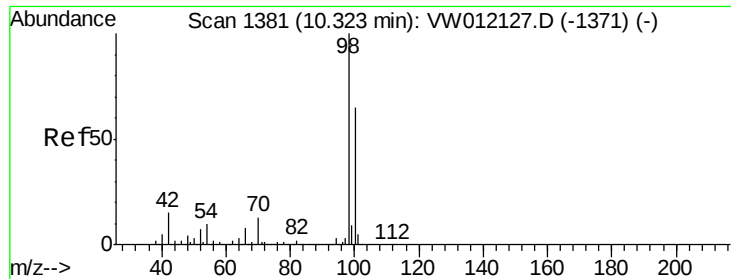
Tgt Ion: 117 Resp: 25899
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 2.107 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.07 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Tgt Ion: 41 Resp: 2921
Ion Ratio Lower Upper
41 100
39 56.8 45.8 68.8
67 0.0 46.2 69.4#
52 0.0 21.0 31.6#





#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

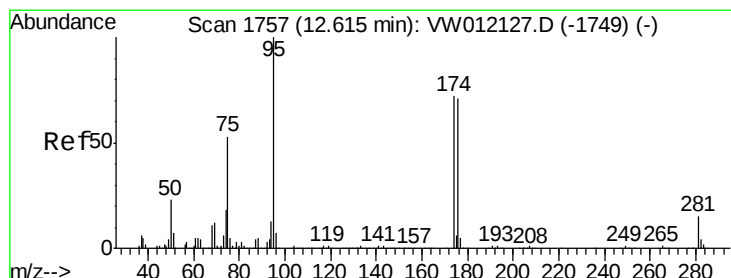
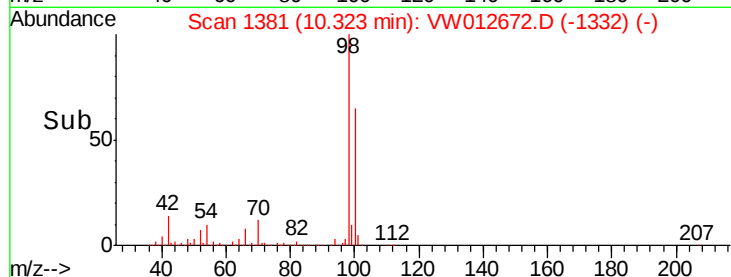
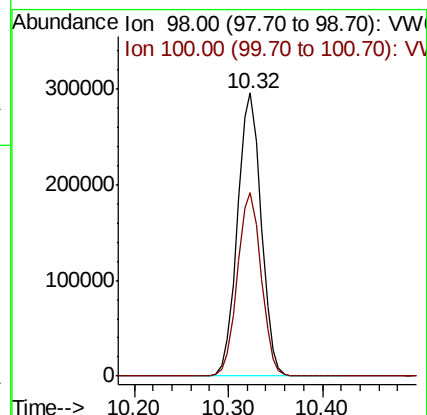
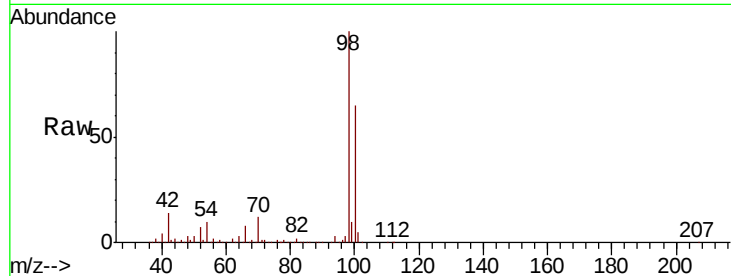
PAR-12-C1-(0)

Tgt Ion: 98 Resp: 516724

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.743 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012672.D

Acq: 06 Sep 2019 05:39

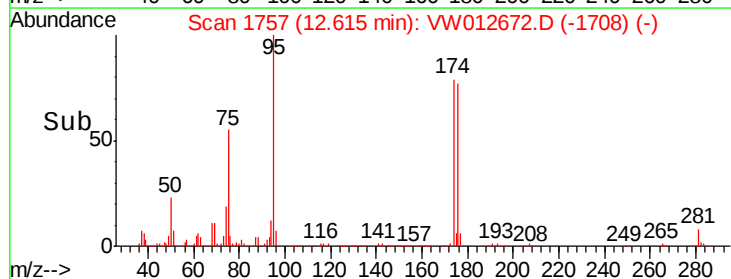
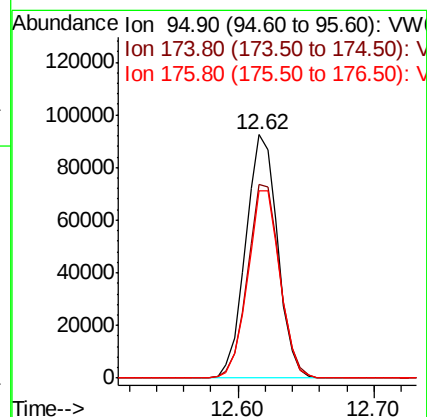
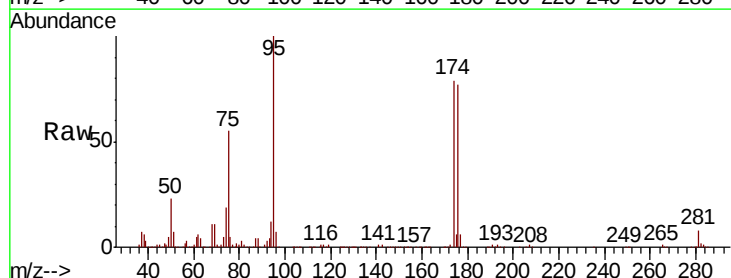
Tgt Ion: 95 Resp: 151864

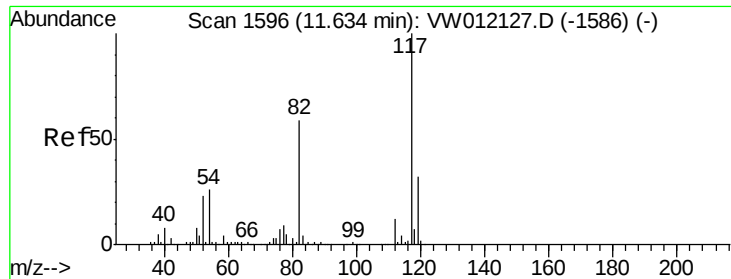
Ion Ratio Lower Upper

95 100

174 80.3 0.0 150.8

176 77.8 0.0 148.6

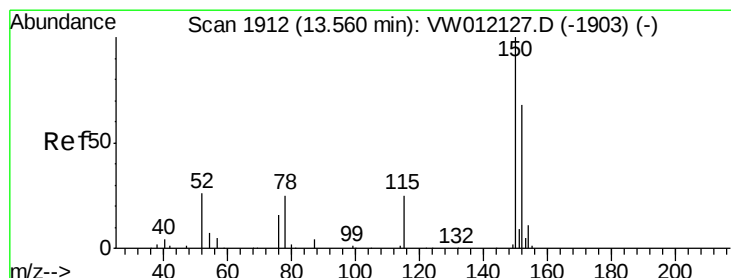
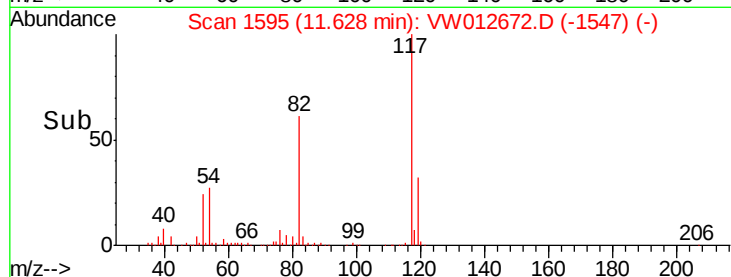
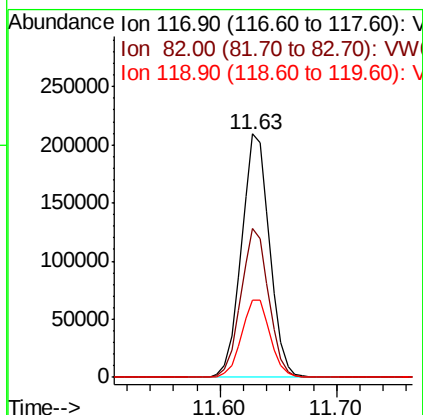
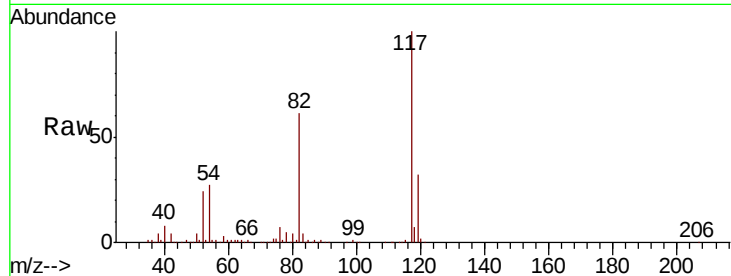




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

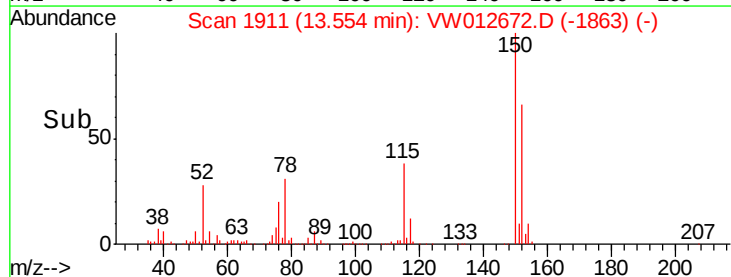
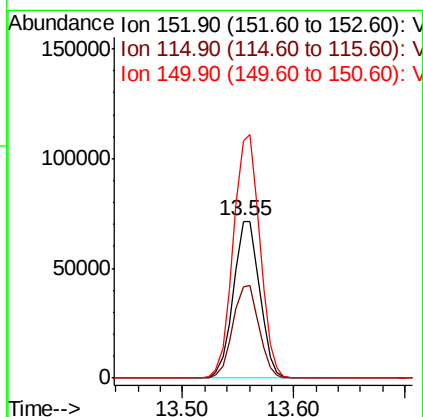
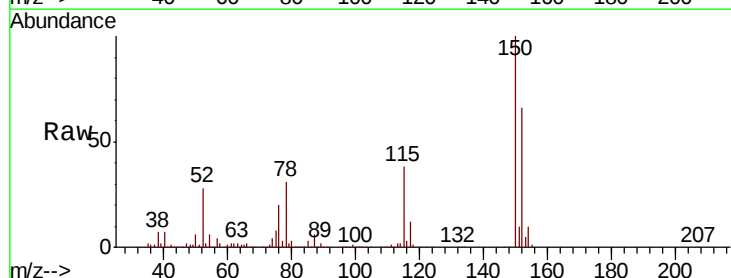
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-C1-(0)

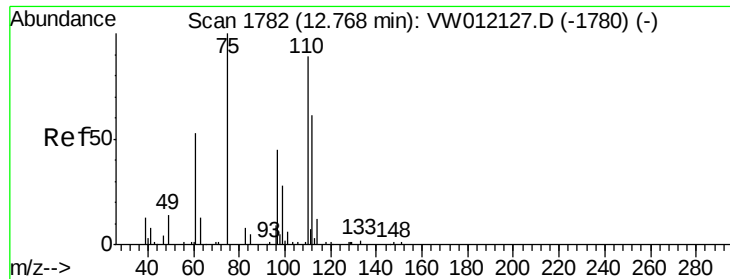
Tgt Ion:117 Resp: 351221
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Tgt Ion:152 Resp: 117235
Ion Ratio Lower Upper
152 100
115 58.6 30.1 90.3
150 156.2 0.0 345.8

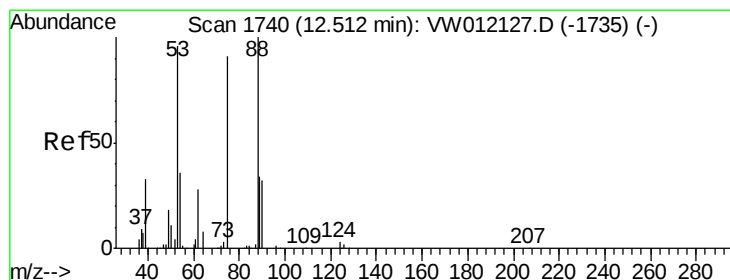
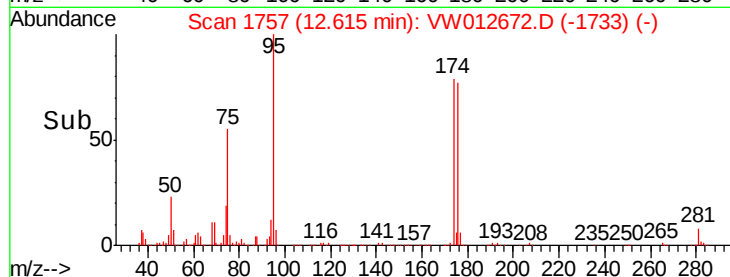
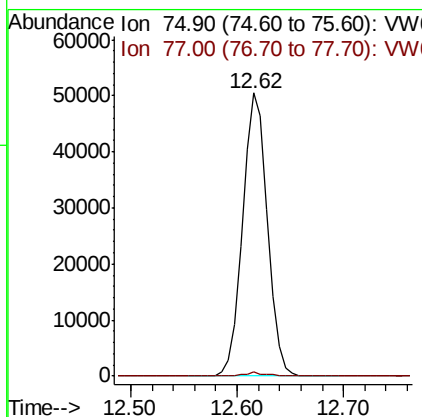
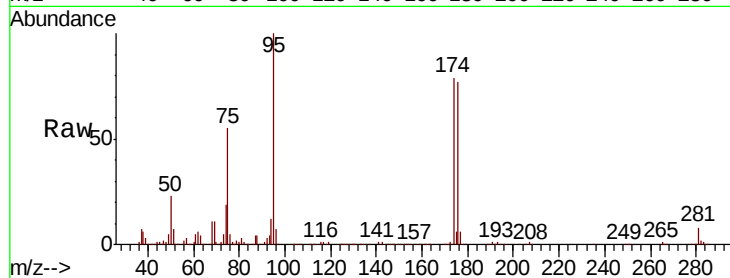




#76
 1,2,3-Trichloropropane
 Concen: 72.224 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

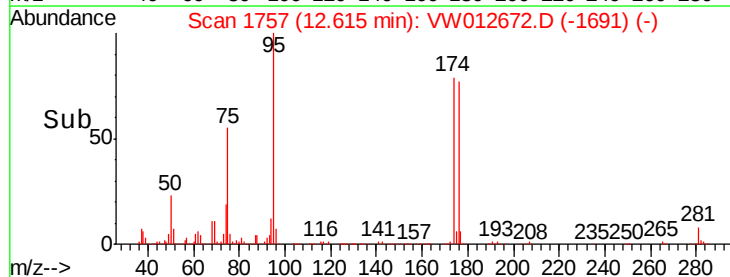
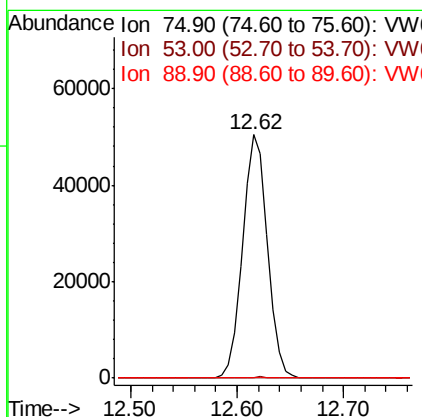
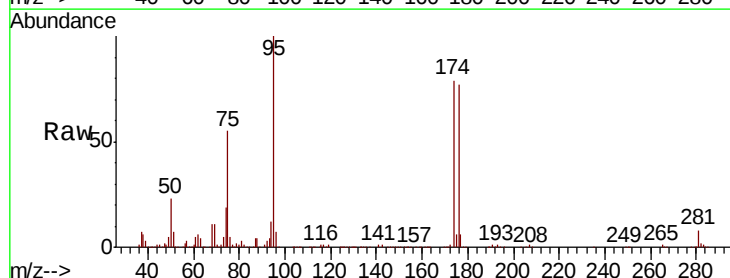
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-C1-(0)

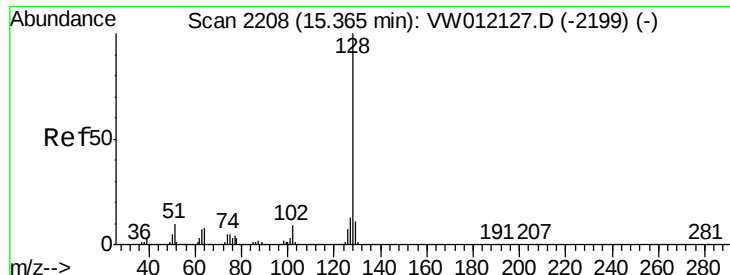
Tgt Ion: 75 Resp: 82464
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.353 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012672.D
 Acq: 06 Sep 2019 05:39

Tgt Ion: 75 Resp: 82464
 Ion Ratio Lower Upper
 75 100
 53 0.3 89.4 134.0#
 89 0.2 34.5 51.7#

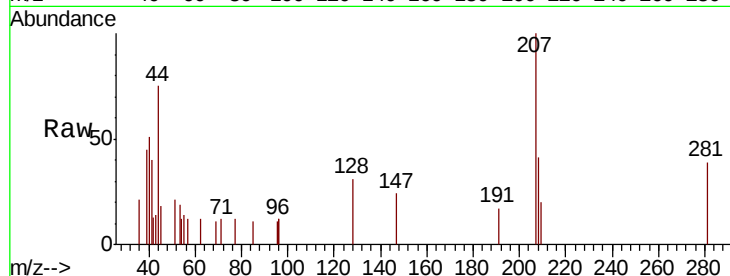




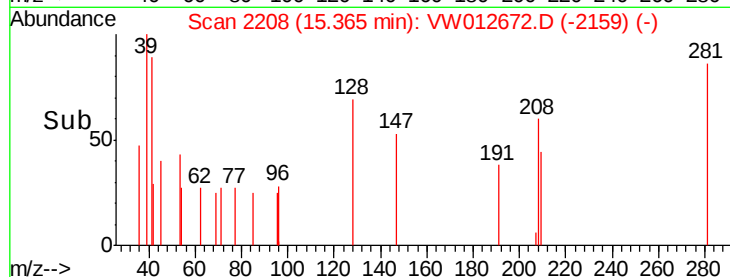
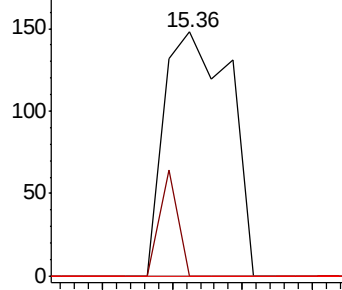
#95
Naphthalene
Concen: 4.361 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012672.D
Acq: 06 Sep 2019 05:39

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-C1-(0)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.7	16.1
129	0.0	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



Time-->