

Data File : VW012799.D
Acq On : 09 Sep 2019 04:42
Operator : SY/VA
Sample : K4623-11
Misc : 4.55G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

Quant Time: Sep 09 06:08:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	147694	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.88	113	113896	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.32	98	451440	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	127405	38.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.64%	

Target Compounds

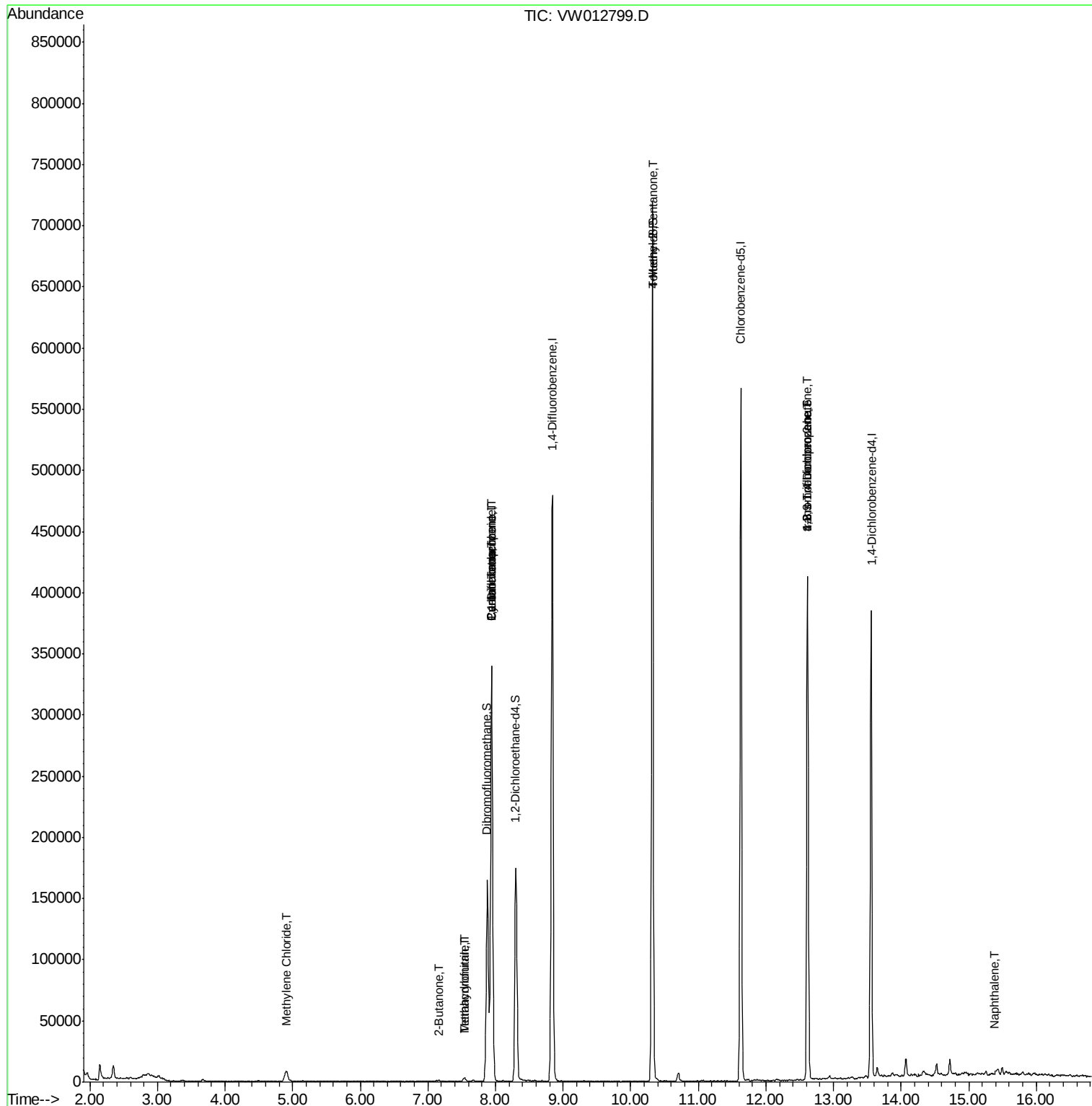
						Qvalue
20) Methylene Chloride	4.90	84	6254	2.564	ug/l	95
25) 2-Butanone	7.17	43	24	19.699	ug/l #	53
29) Tetrahydrofuran	7.54	42	2292	3.640	ug/l	94
31) Cyclohexane	7.94	56	5846	1.391	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	20866	6.051	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25977	7.641	ug/l #	16
41) Methacrylonitrile	7.54	41	1683	4.879	ug/l #	28
51) 4-Methyl-2-Pentanone	10.32	43	2532	1.159	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	67718	65.270	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67718	138.051	ug/l #	6
95) Naphthalene	15.37	128	419	4.529	ug/l #	69

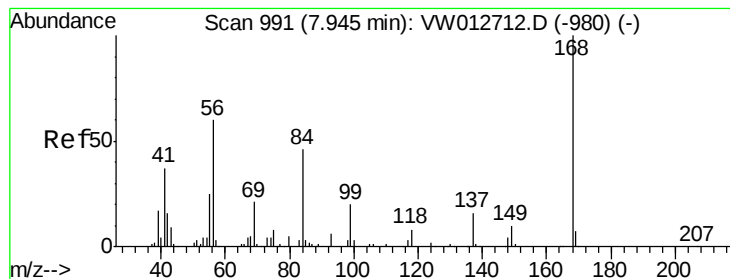
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012799.D
Acq On : 09 Sep 2019 04:42
Operator : SY/VA
Sample : K4623-11
Misc : 4.55G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

Quant Time: Sep 09 06:08:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

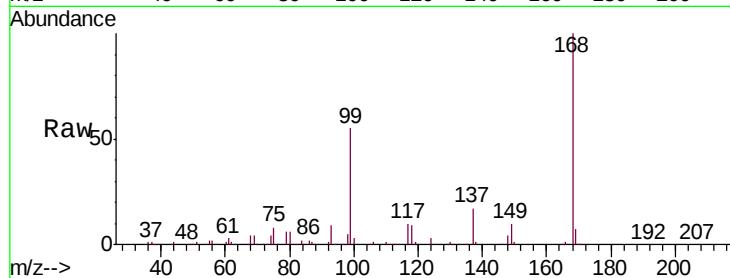
PAR-11-D3-(0)

Tgt Ion:168 Resp: 255950

Ion Ratio Lower Upper

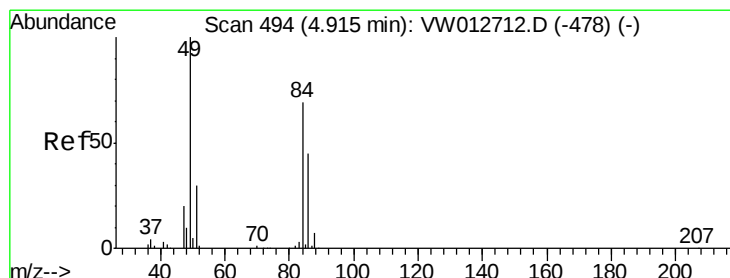
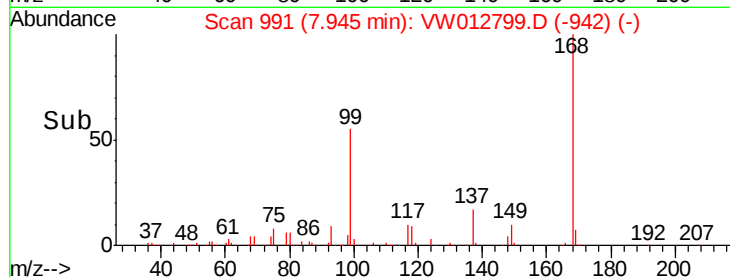
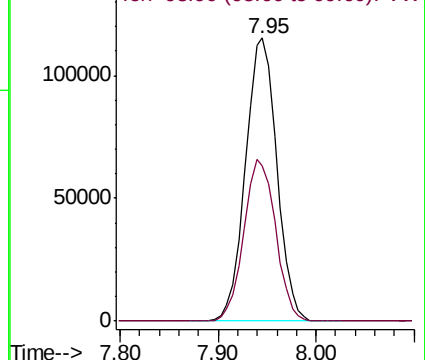
168 100

99 55.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 2.564 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Tgt Ion: 84 Resp: 6254

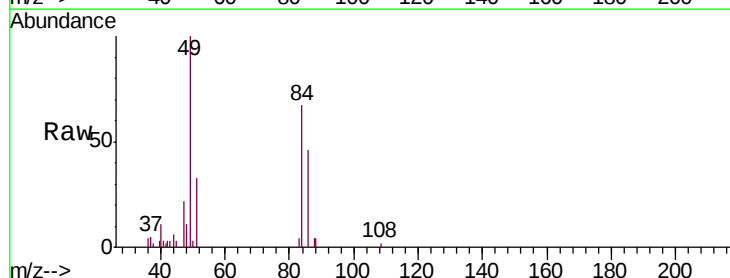
Ion Ratio Lower Upper

84 100

49 149.5 115.4 173.0

51 49.5 34.9 52.3

86 68.9 52.2 78.4

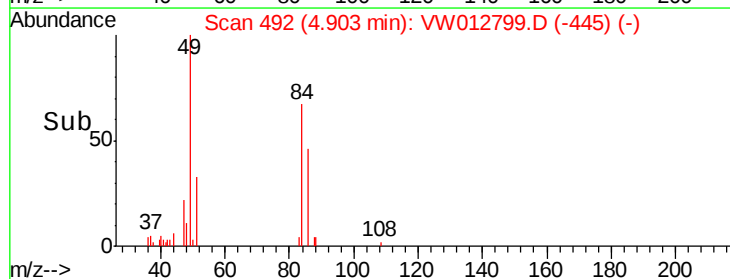
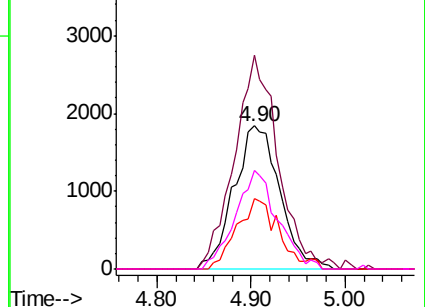


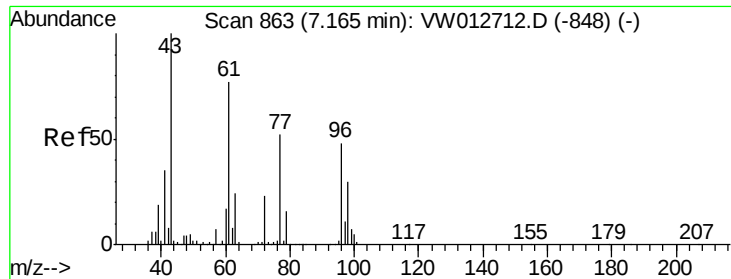
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 19.699 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

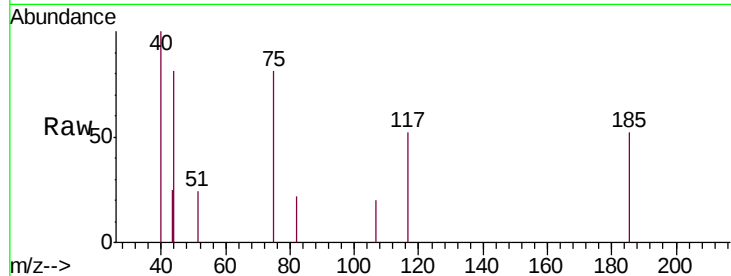
PAR-11-D3-(0)

Tgt Ion: 43 Resp: 24

Ion Ratio Lower Upper

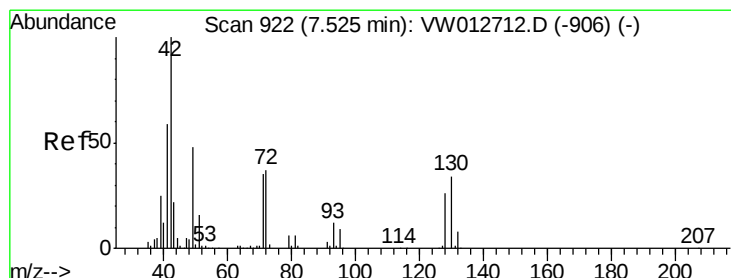
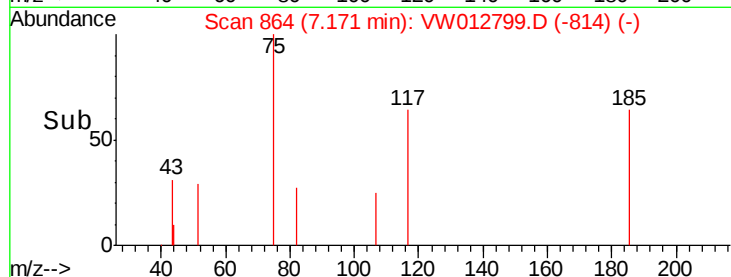
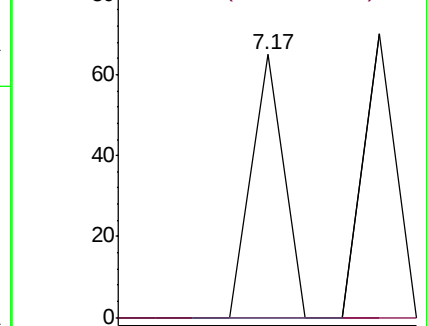
43 100

72 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 3.640 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

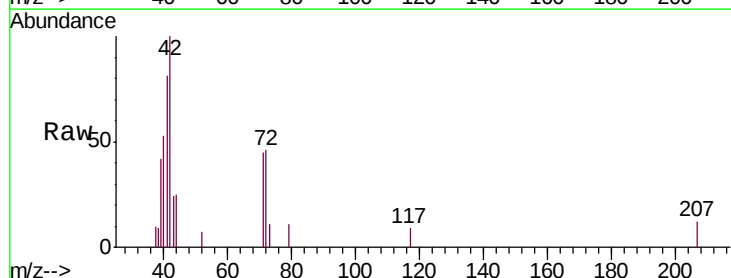
Tgt Ion: 42 Resp: 2292

Ion Ratio Lower Upper

42 100

72 38.2 28.4 42.6

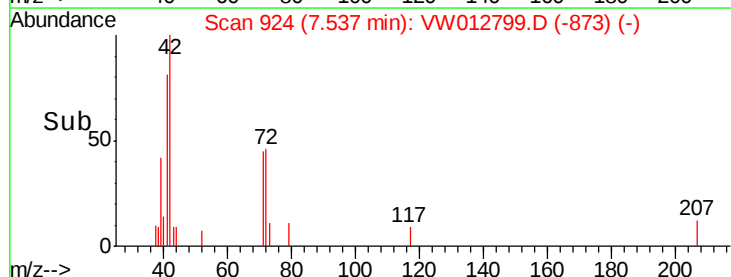
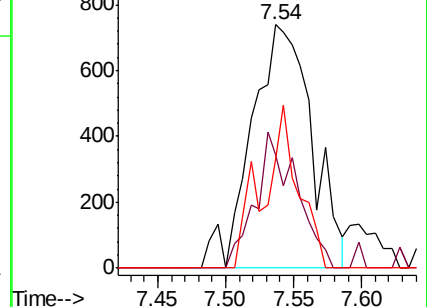
71 29.1 27.1 40.7

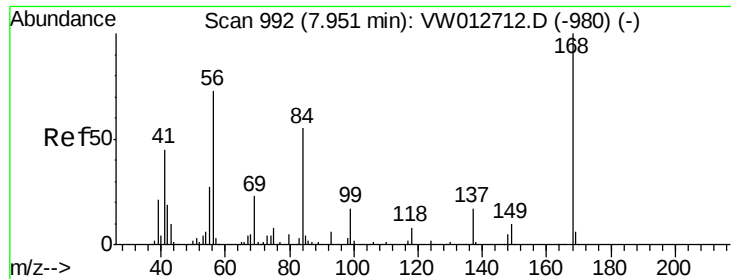


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

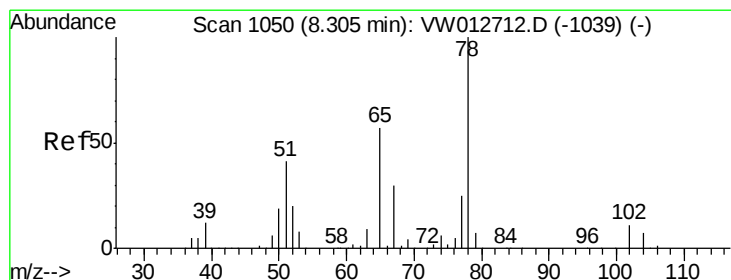
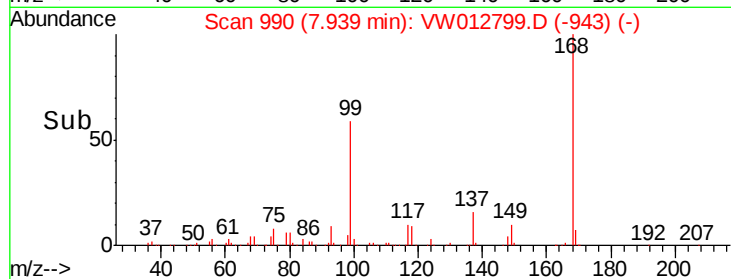
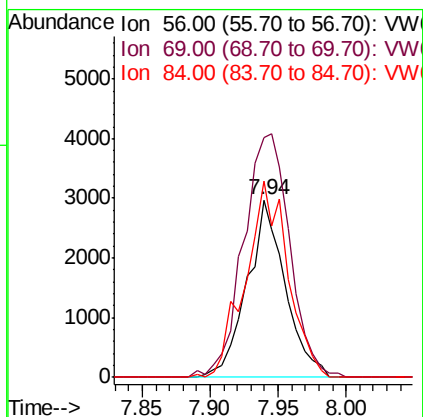
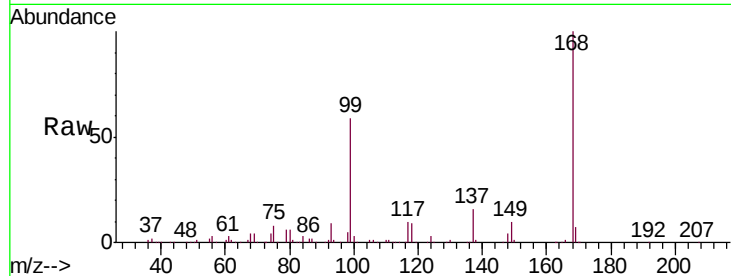




#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

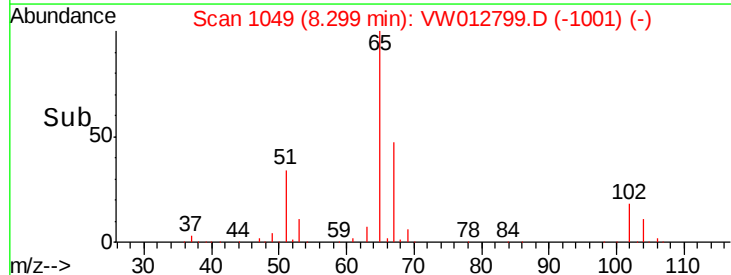
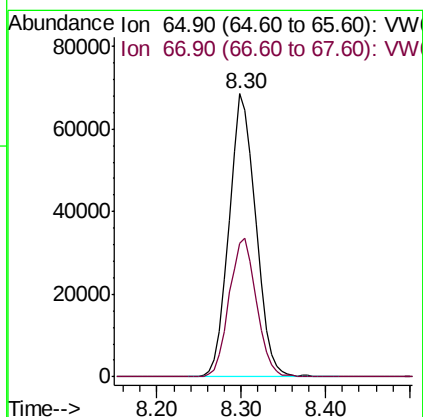
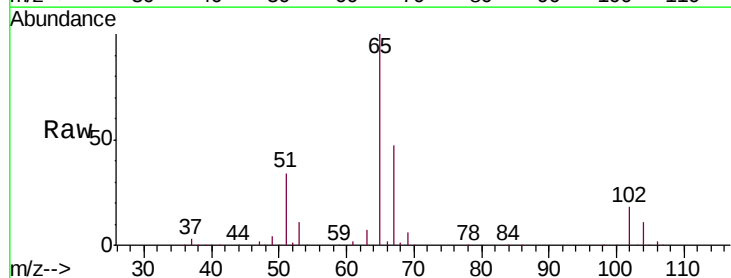
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

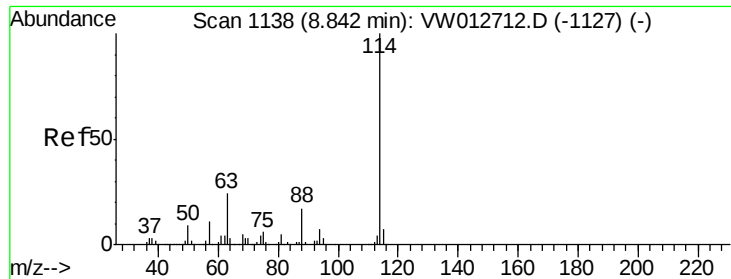
Tgt Ion: 56 Resp: 5846
Ion Ratio Lower Upper
56 100
69 135.5 25.7 38.5#
84 110.5 60.4 90.6#



#33
1,2-Dichloroethane-d4
Concen: 51.645 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

Tgt Ion: 65 Resp: 147694
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

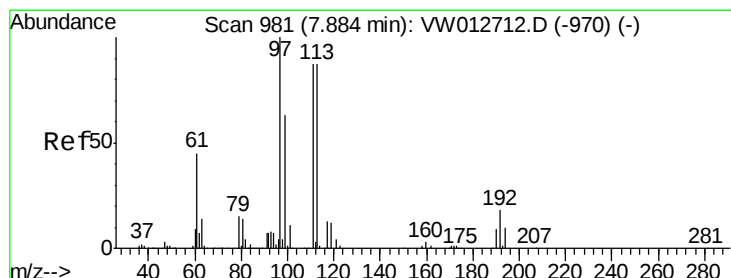
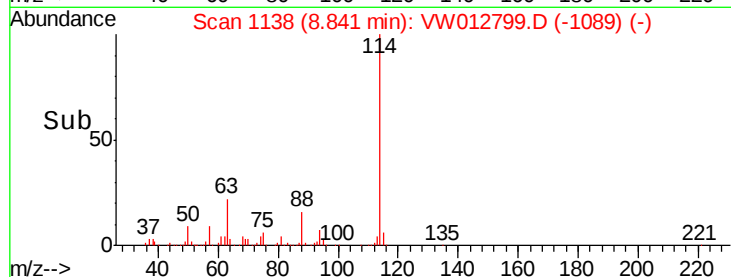
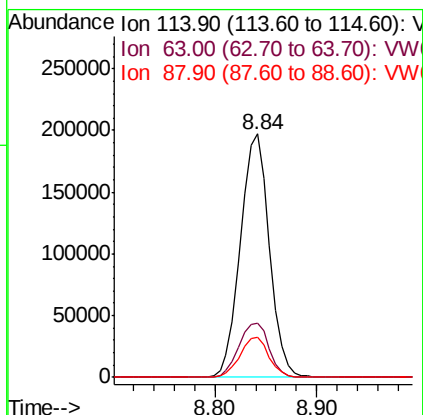
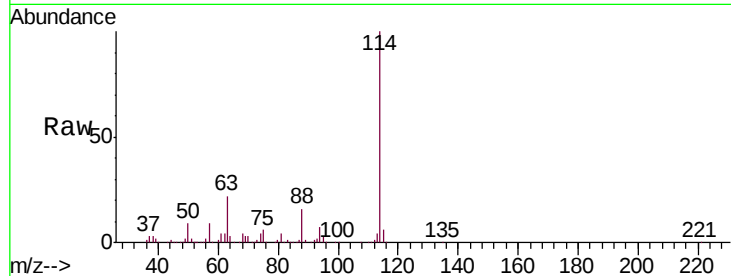




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012799.D
 Acq: 09 Sep 2019 04:42

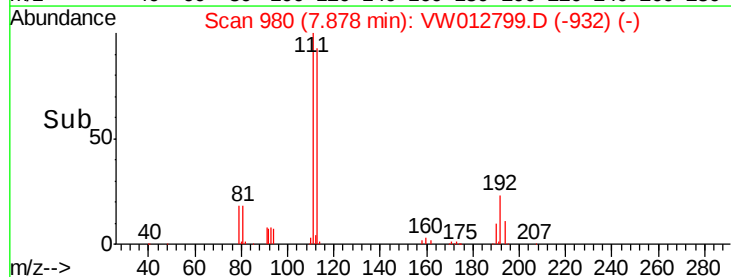
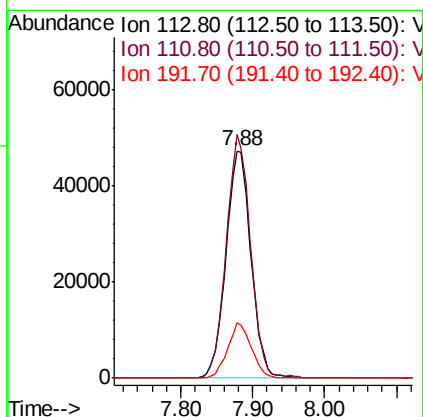
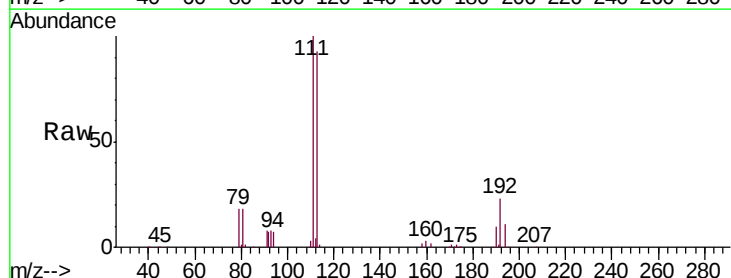
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(0)

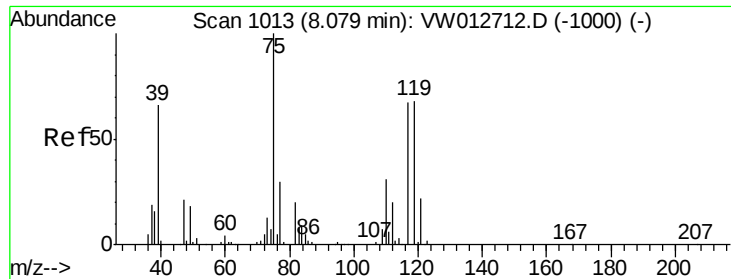
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	16.5	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 49.359 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012799.D
 Acq: 09 Sep 2019 04:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.2	120.4
192	23.2	17.3	25.9





#36

1,1-Dichloropropene

Concen: 6.051 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D3-(0)

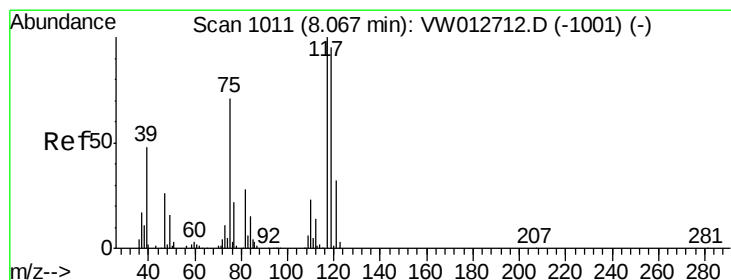
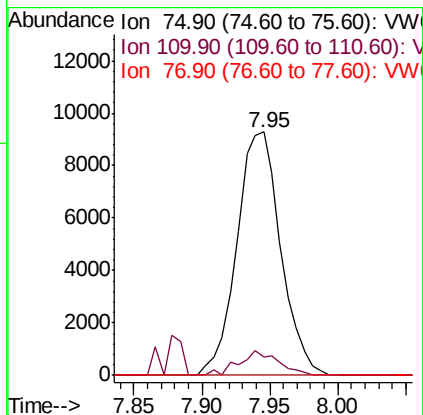
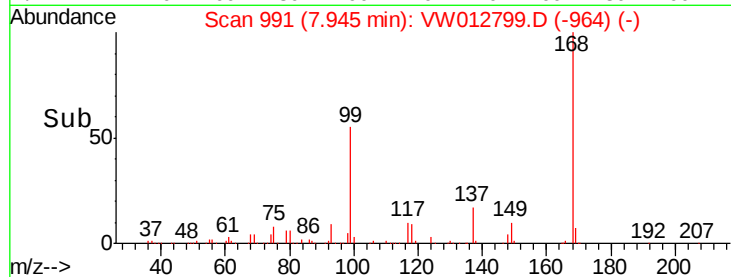
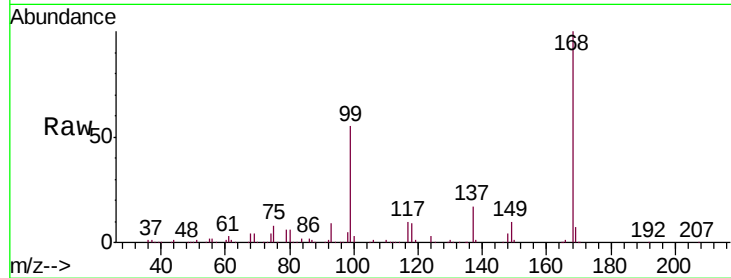
Tgt Ion: 75 Resp: 20866

Ion Ratio Lower Upper

75 100

110 9.1 15.9 47.7#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 7.641 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

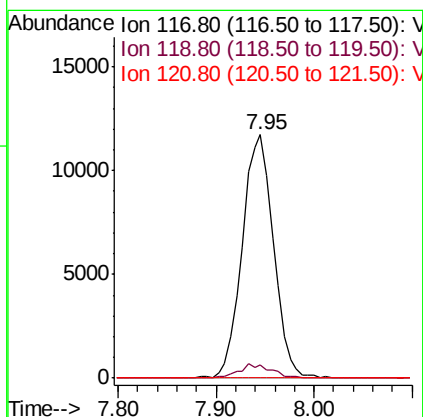
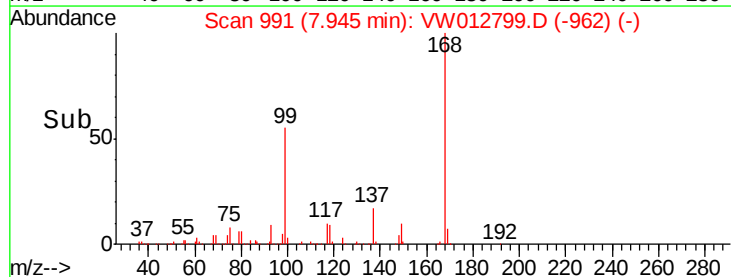
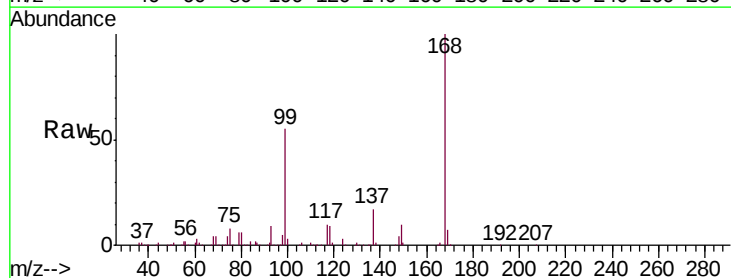
Tgt Ion: 117 Resp: 25977

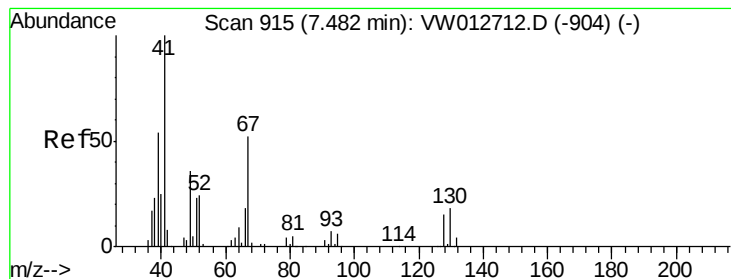
Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

121 0.0 25.4 38.2#





#41

Methacrylonitrile

Concen: 4.879 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D3-(0)

Tgt Ion: 41 Resp: 1683

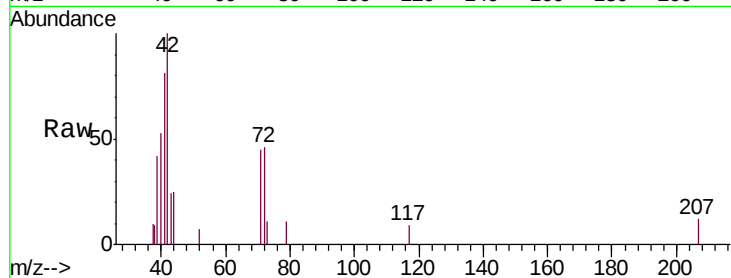
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 45.1 67.7#

52 2.6 20.2 30.2#

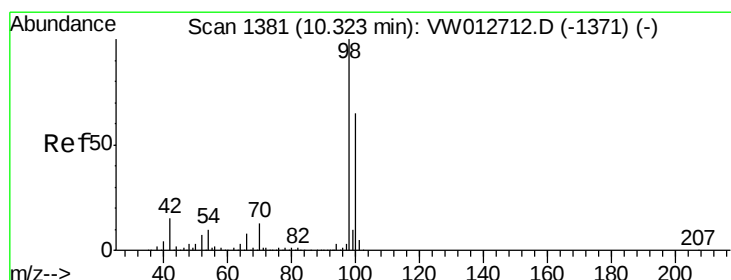
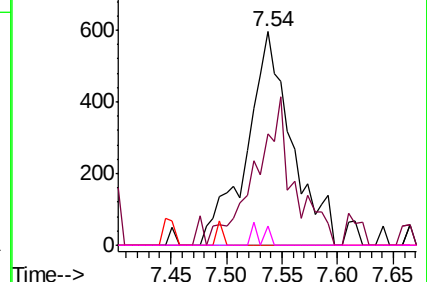
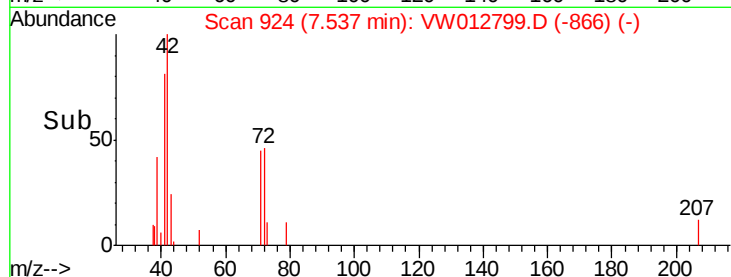


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#50

Toluene-d8

Concen: 49.936 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012799.D

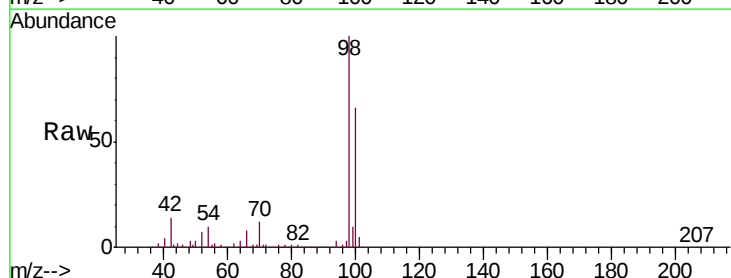
Acq: 09 Sep 2019 04:42

Tgt Ion: 98 Resp: 451440

Ion Ratio Lower Upper

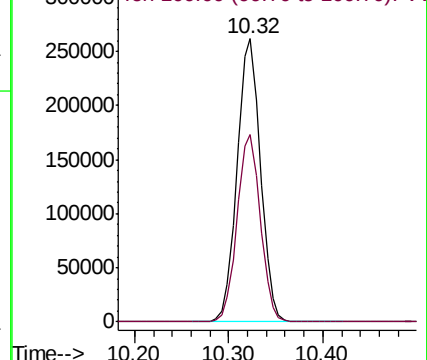
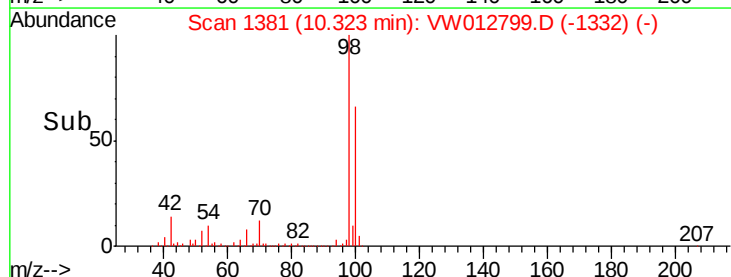
98 100

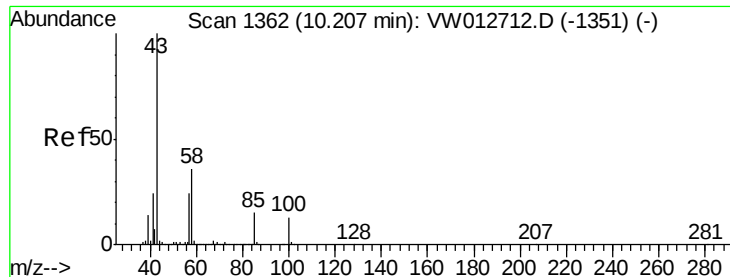
100 65.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.159 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

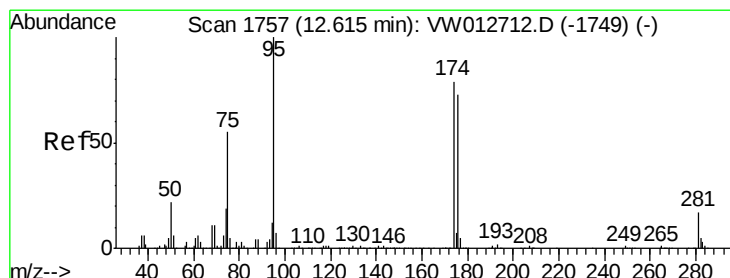
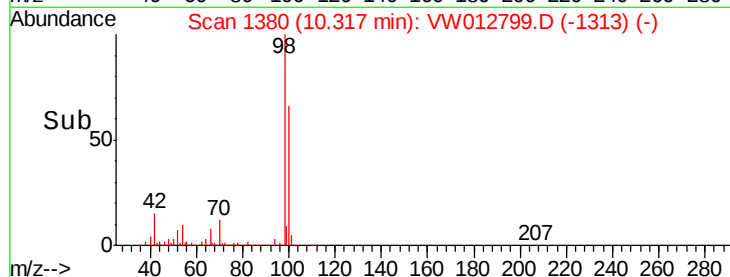
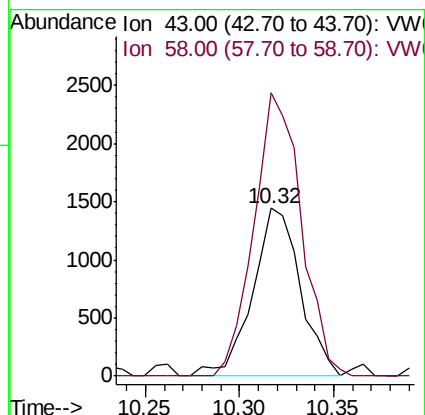
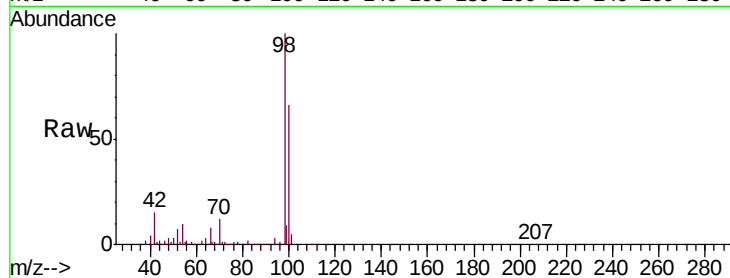
PAR-11-D3-(0)

Tgt Ion: 43 Resp: 2532

Ion Ratio Lower Upper

43 100

58 167.4 28.4 42.6#



#62

4-Bromofluorobenzene

Concen: 38.820 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

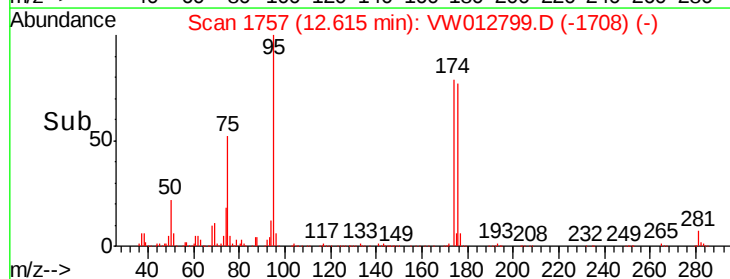
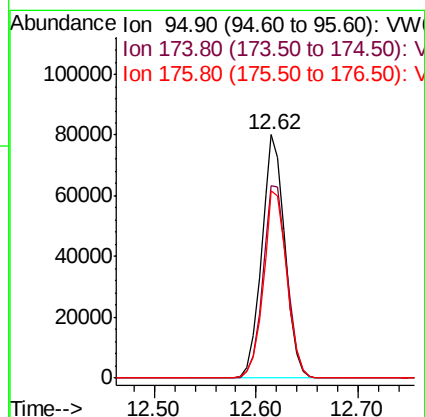
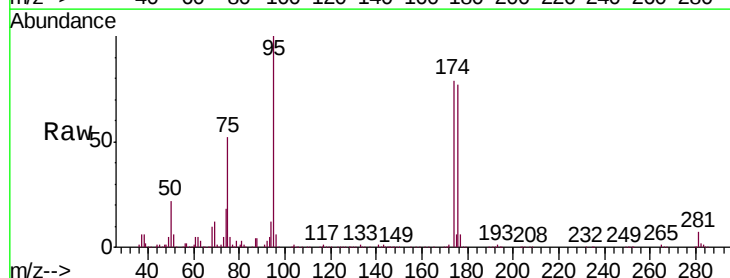
Tgt Ion: 95 Resp: 127405

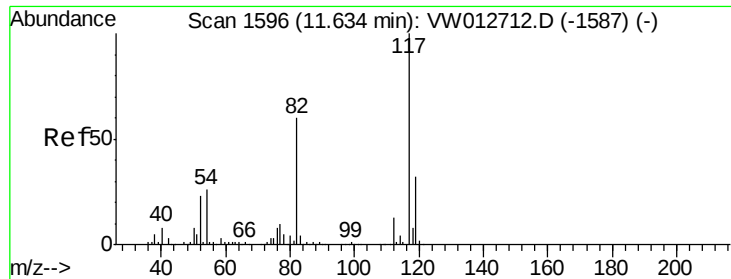
Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.0

176 77.5 0.0 156.4

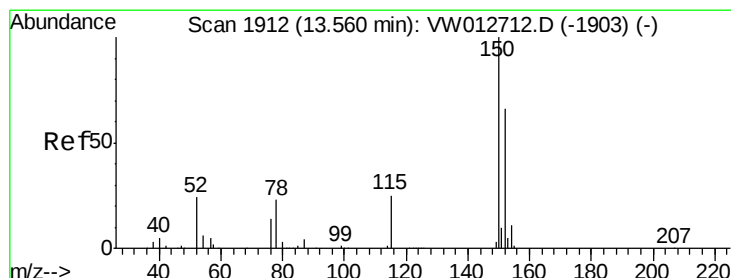
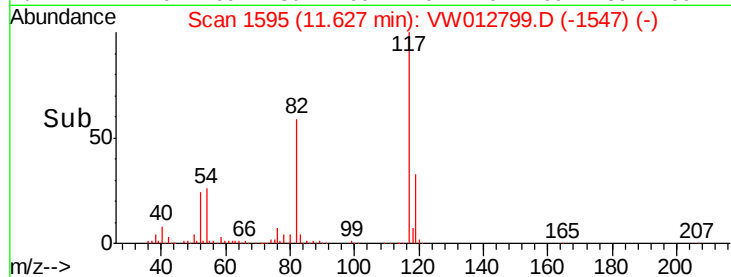
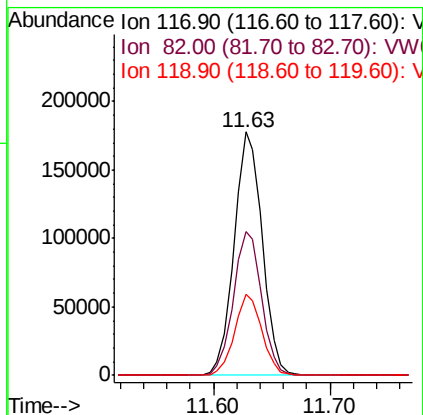
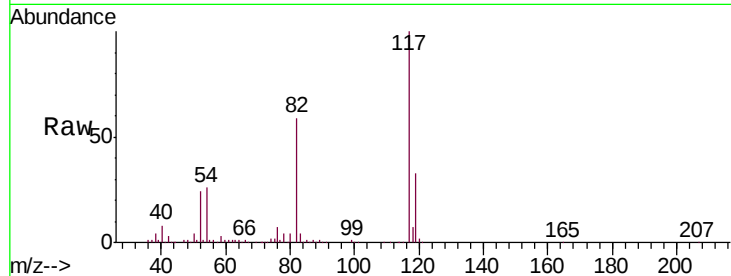




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

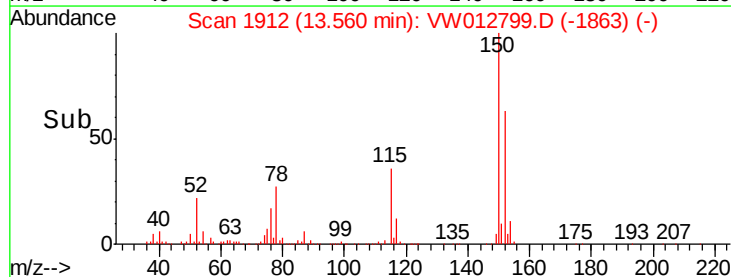
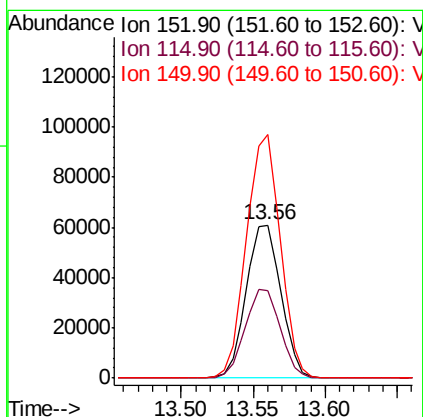
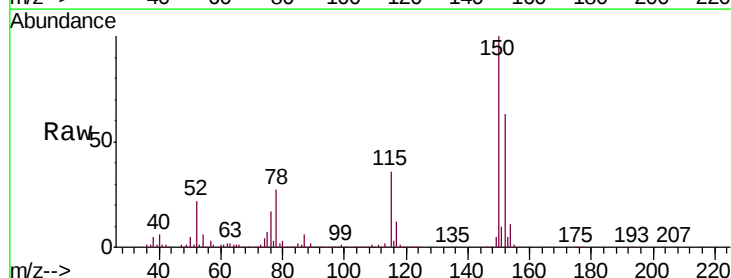
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

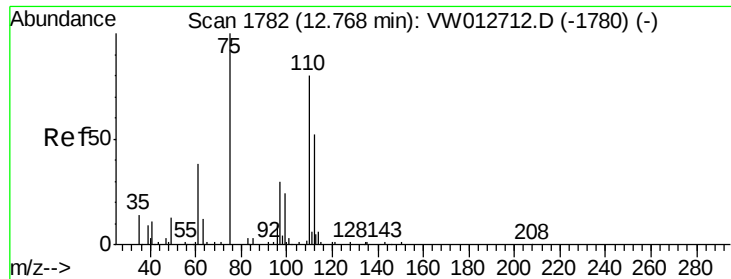
Tgt Ion:117 Resp: 299265
Ion Ratio Lower Upper
117 100
82 59.1 48.2 72.4
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

Tgt Ion:152 Resp: 101463
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.1
150 156.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 65.270 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

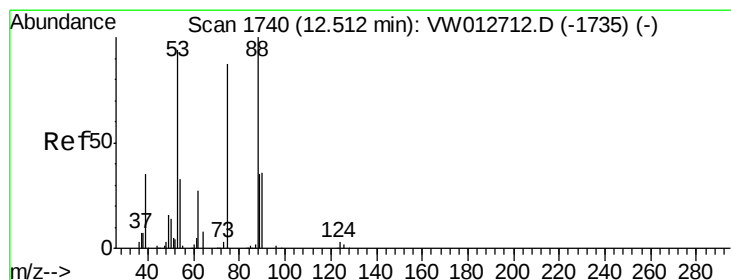
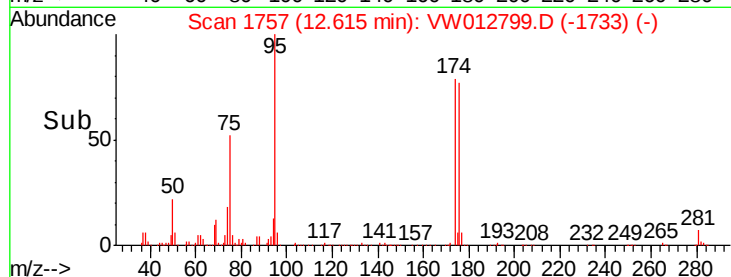
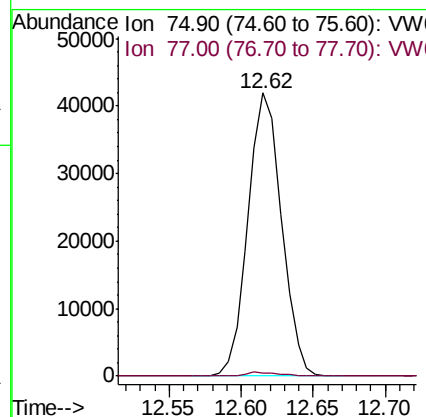
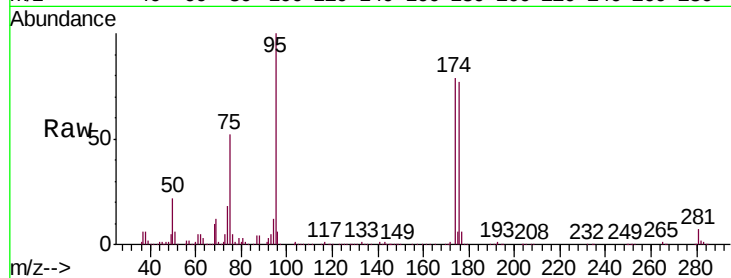
PAR-11-D3-(0)

Tgt Ion: 75 Resp: 67718

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.051 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

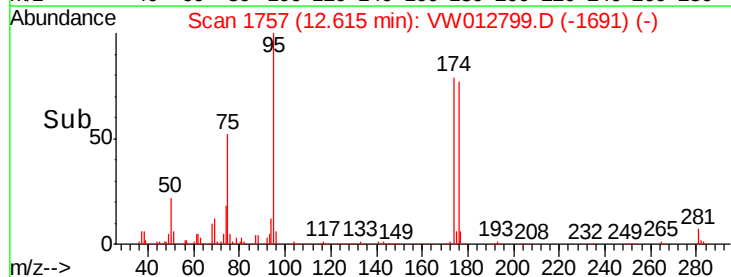
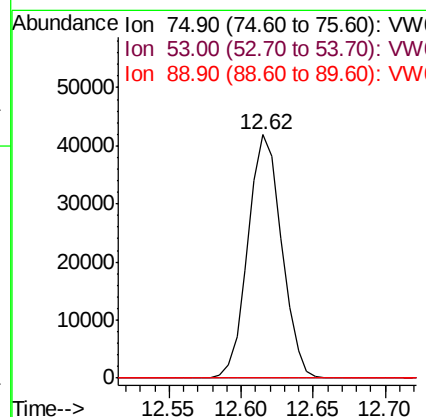
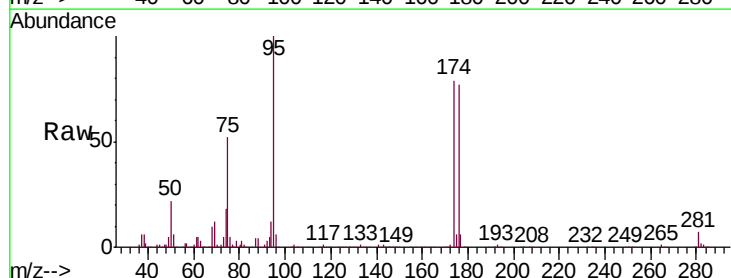
Tgt Ion: 75 Resp: 67718

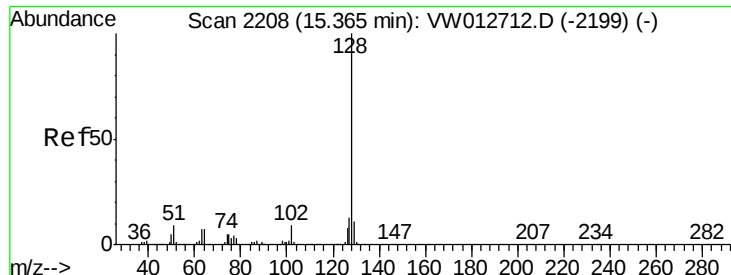
Ion Ratio Lower Upper

75 100

53 0.1 87.6 131.4#

89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 4.529 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

