

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
 Data File : VW012803.D
 Acq On : 09 Sep 2019 06:25
 Operator : SY/VA
 Sample : K4623-15
 Misc : 4.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(4)

Quant Time: Sep 09 07:54:59 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	256374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92477	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	146249	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	115210	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
50) Toluene-d8	10.32	98	453672	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	118447	36.34	ug/l	0.00
Spiked Amount			Recovery	=	72.68%	

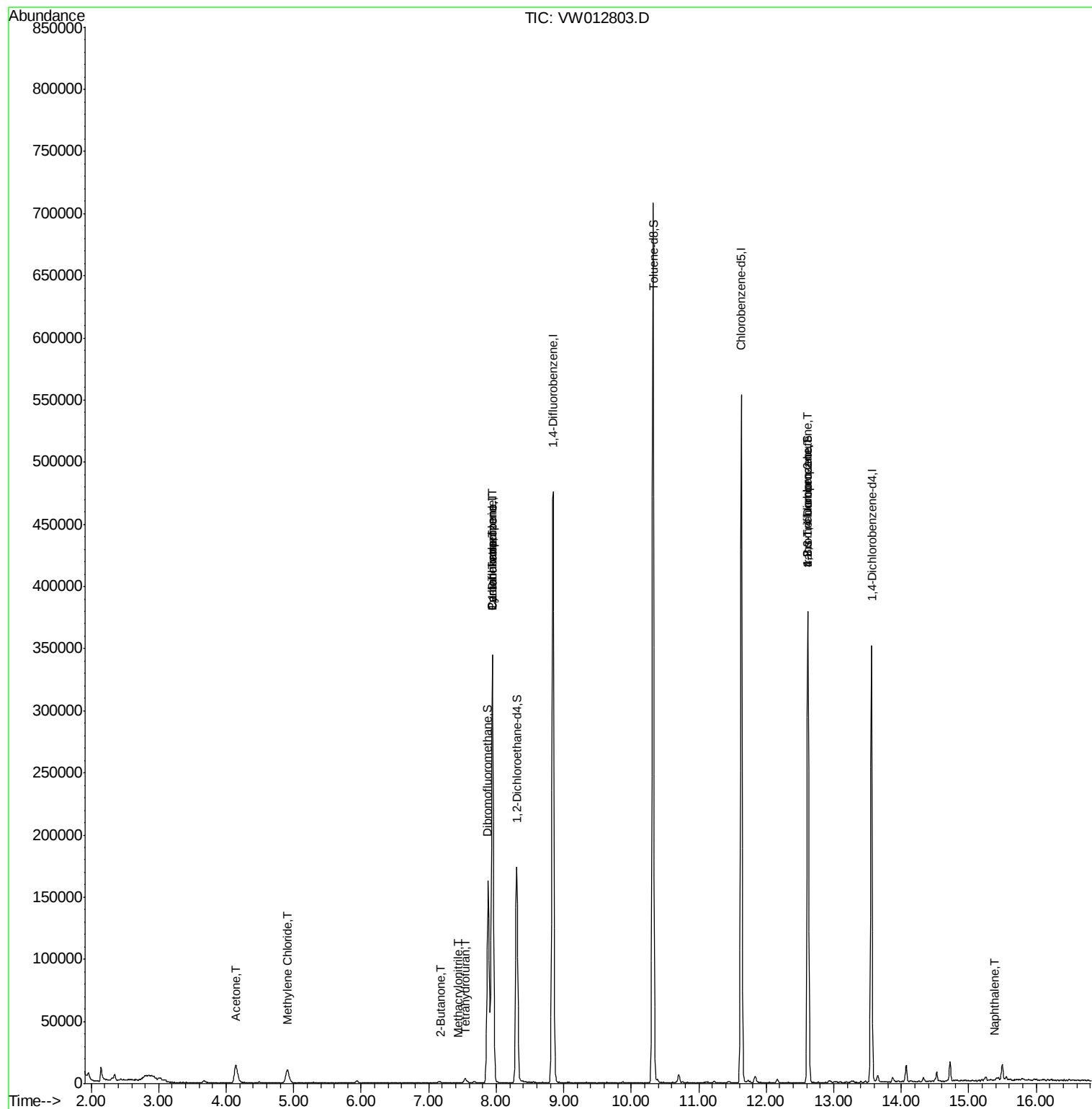
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	32423	41.518	ug/l	91
20) Methylene Chloride	4.91	84	7565	3.096	ug/l	94
25) 2-Butanone	7.17	43	71	19.737	ug/l #	53
29) Tetrahydrofuran	7.54	42	2970	4.710	ug/l	93
31) Cyclohexane	7.95	56	6050	1.437	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	20538	5.996	ug/l #	52
38) Carbon Tetrachloride	7.94	117	25368	7.513	ug/l #	16
41) Methacrylonitrile	7.44	41	77	3.887	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	64412	68.116	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64412	144.071	ug/l #	6
95) Naphthalene	15.38	128	25	4.445	ug/l #	69

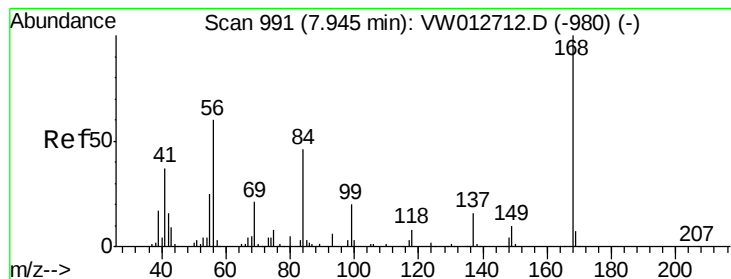
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
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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: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampled :

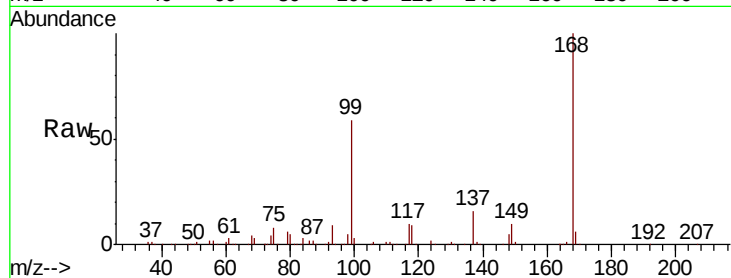
PAR-11-D3-(4)

Tgt Ion:168 Resp: 256374

Ion Ratio Lower Upper

168 100

99 58.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

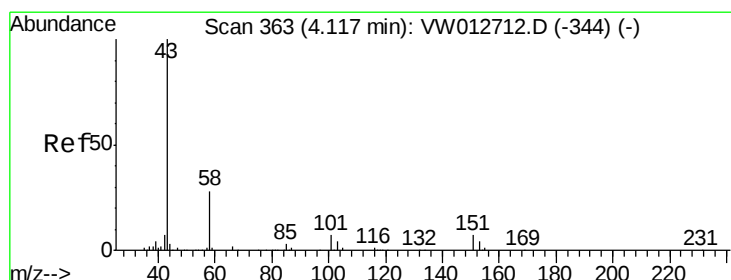
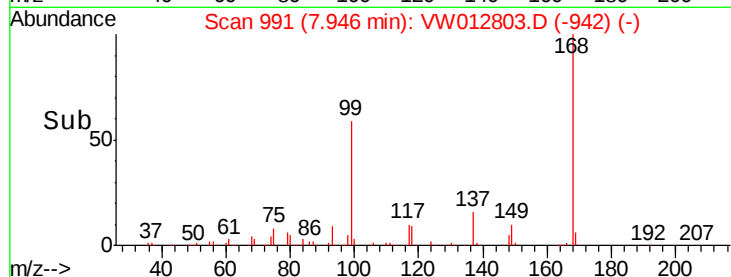
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 41.518 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012803.D

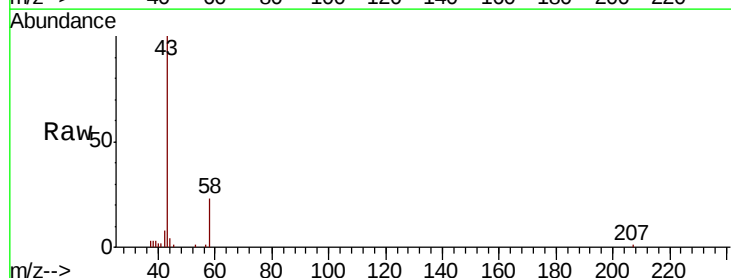
Acq: 09 Sep 2019 06:25

Tgt Ion: 43 Resp: 32423

Ion Ratio Lower Upper

43 100

58 23.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

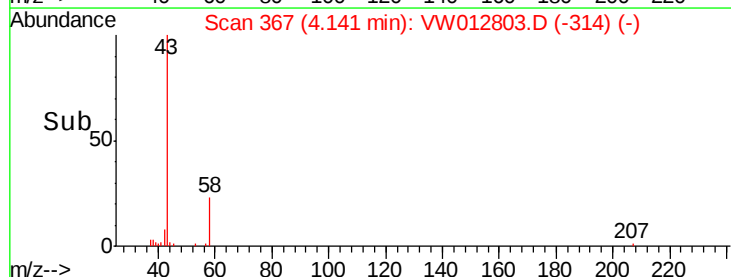
6000

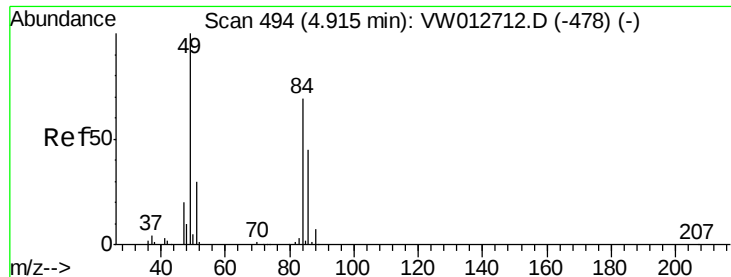
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

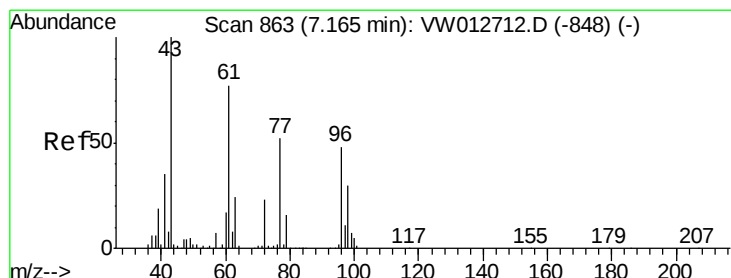
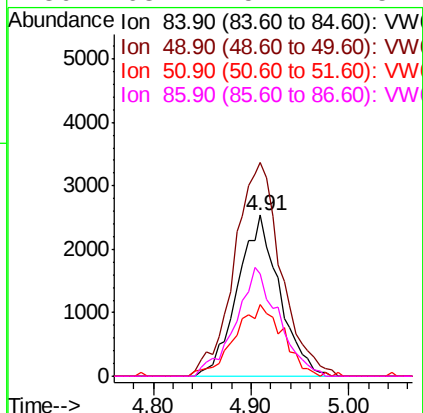
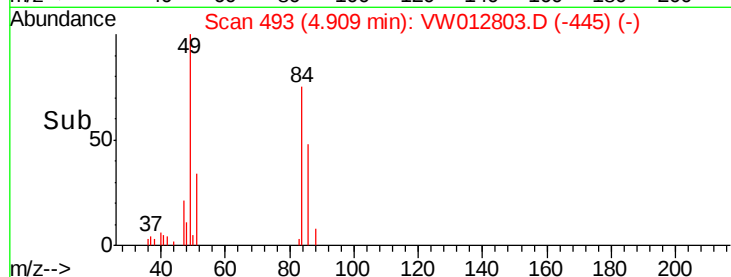
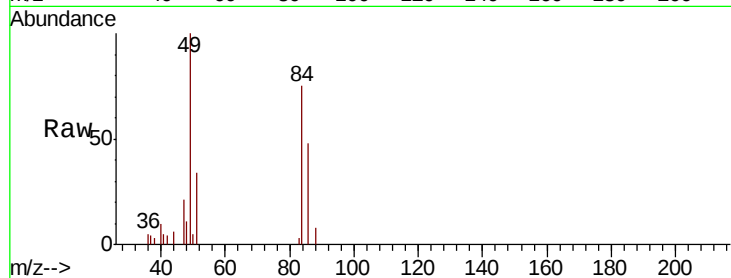




#20
Methylene Chloride
Concen: 3.096 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

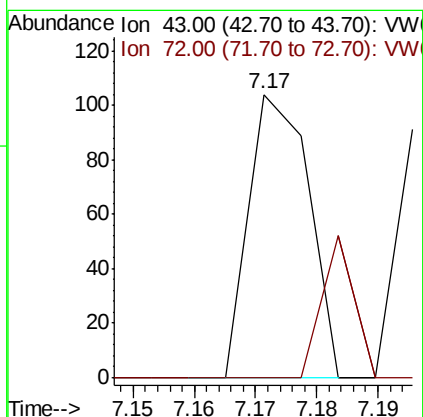
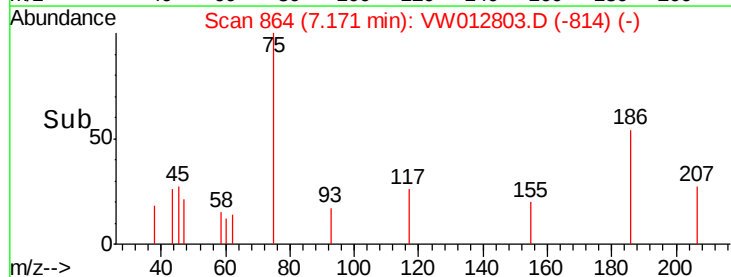
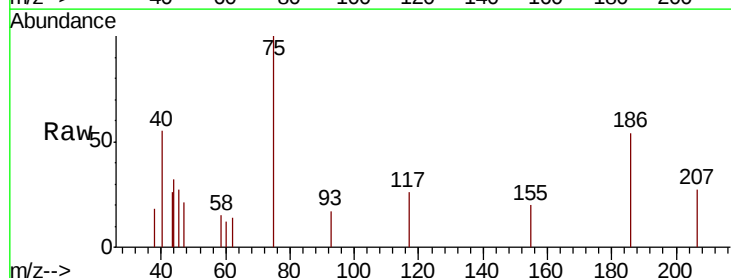
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(4)

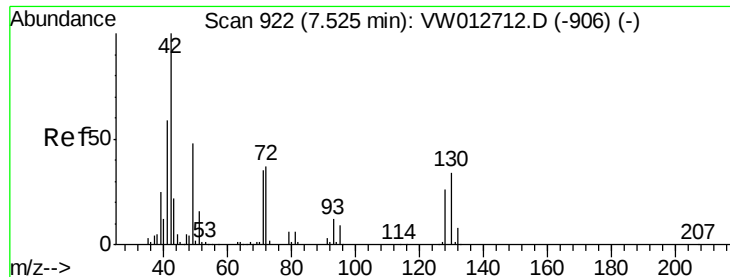
Tgt Ion: 84 Resp: 7565
Ion Ratio Lower Upper
84 100
49 132.7 115.4 173.0
51 44.7 34.9 52.3
86 63.4 52.2 78.4



#25
2-Butanone
Concen: 19.737 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#

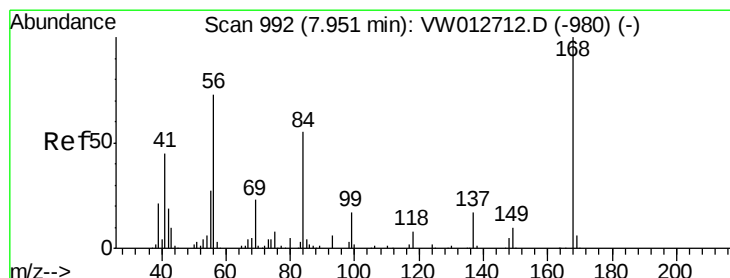
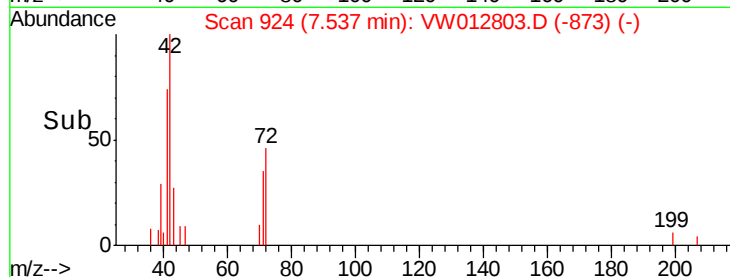
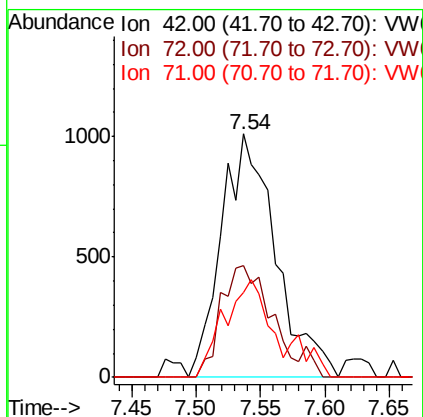
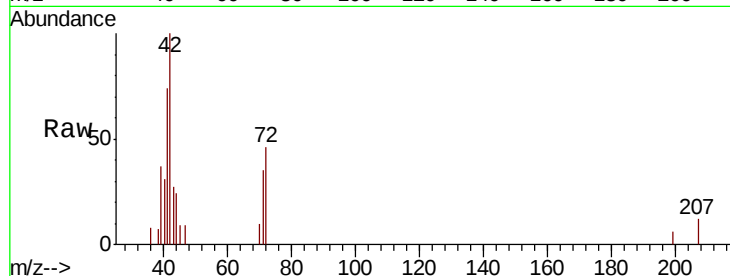




#29
Tetrahydrofuran
Concen: 4.710 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

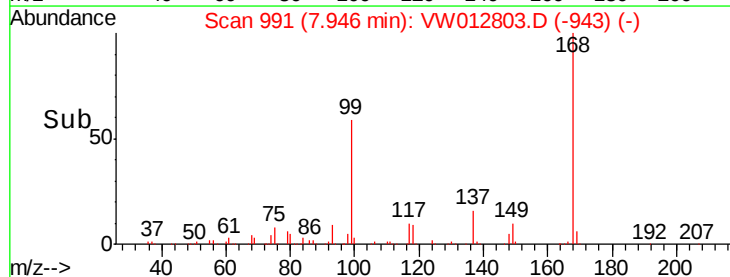
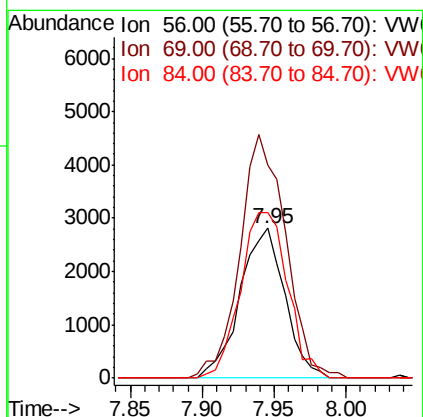
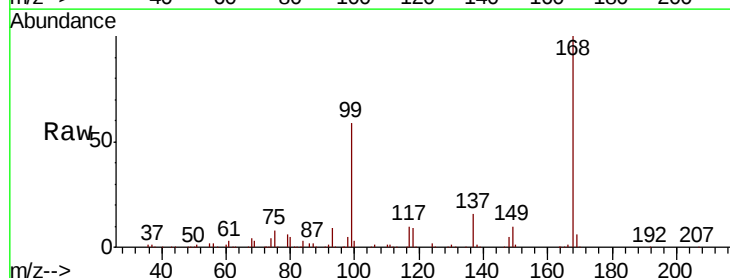
Instrument :
MSVOA_W
ClientSampled :
PAR-11-D3-(4)

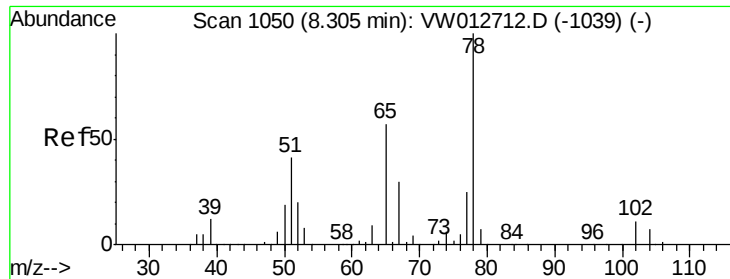
Tgt Ion: 42 Resp: 2970
Ion Ratio Lower Upper
42 100
72 41.8 28.4 42.6
71 32.5 27.1 40.7



#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion: 56 Resp: 6050
Ion Ratio Lower Upper
56 100
69 142.4 25.7 38.5#
84 110.1 60.4 90.6#

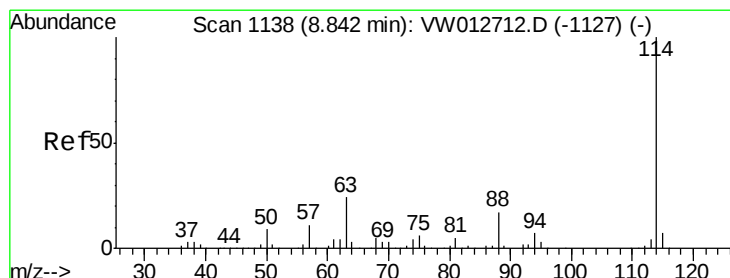
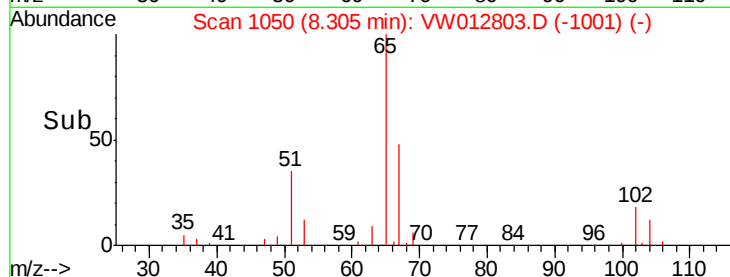
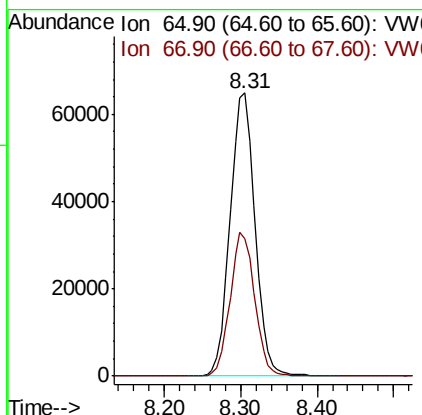
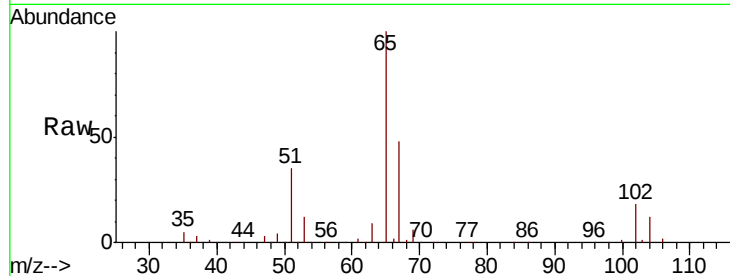




#33
 1,2-Dichloroethane-d4
 Concen: 51.055 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012803.D
 Acq: 09 Sep 2019 06:25

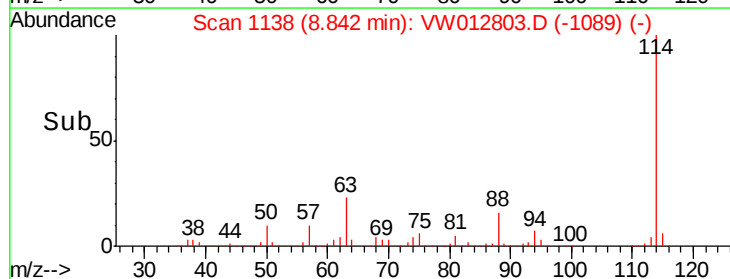
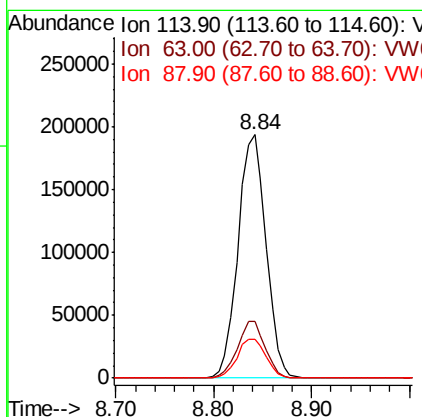
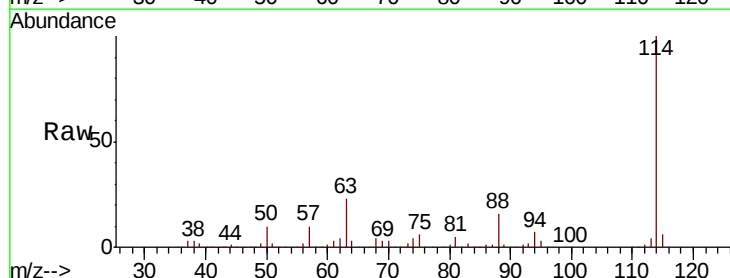
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(4)

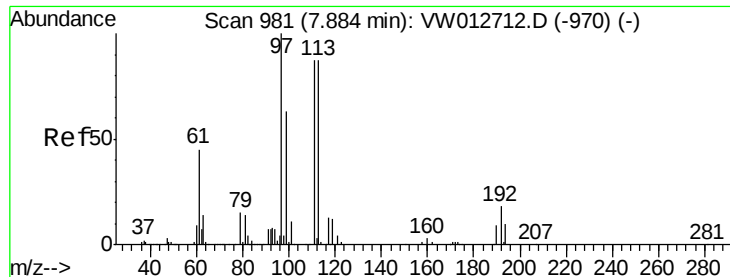
Tgt Ion: 65 Resp: 146249
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012803.D
 Acq: 09 Sep 2019 06:25

Tgt Ion: 114 Resp: 385502
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.0 0.0 34.0

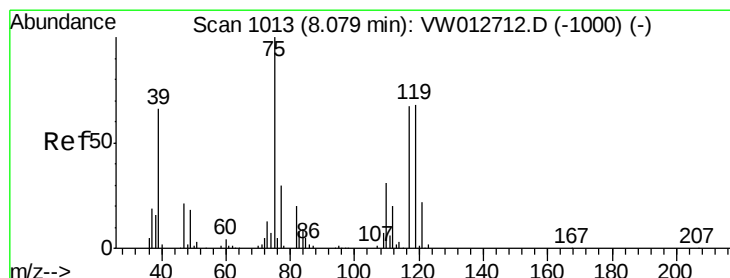
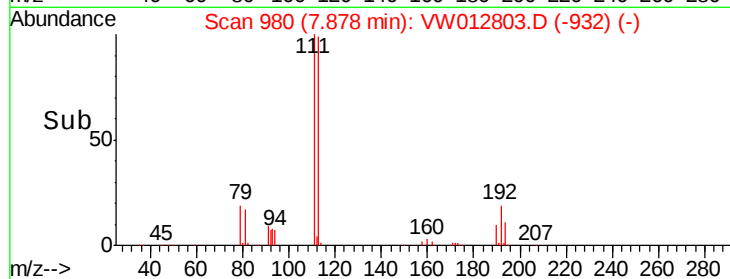
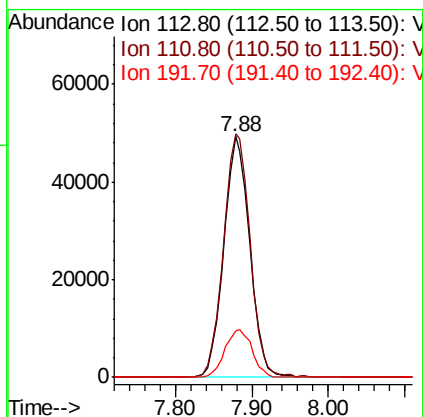
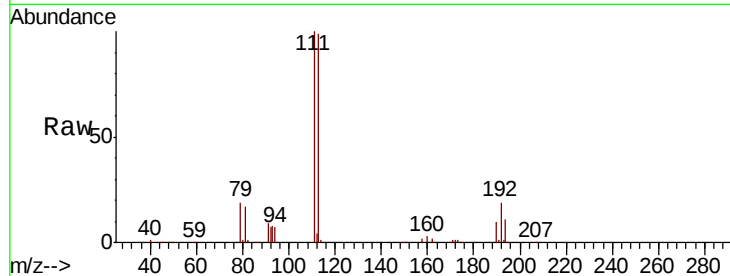




#35
 Dibromofluoromethane
 Concen: 50.268 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012803.D
 Acq: 09 Sep 2019 06:25

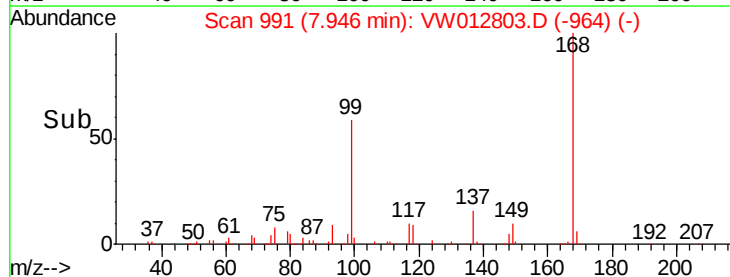
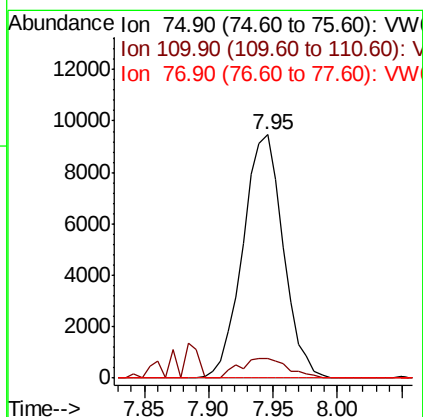
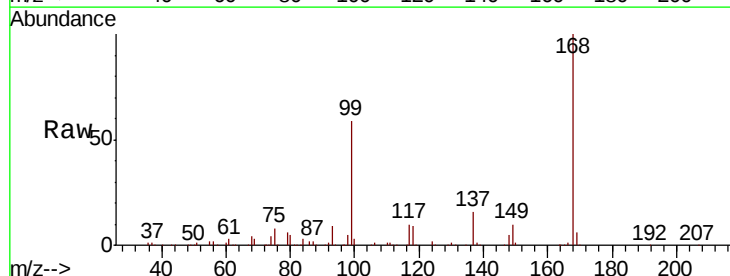
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(4)

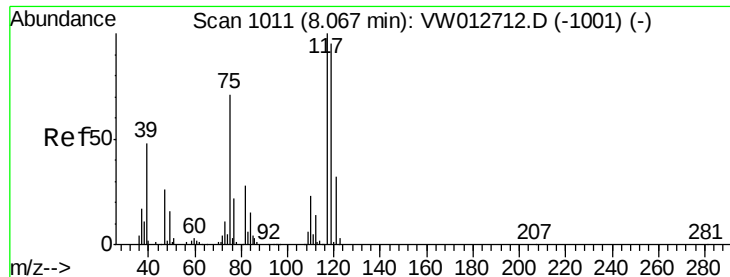
Tgt Ion: 113 Resp: 115210
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.2 120.4
 192 20.9 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 5.996 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012803.D
 Acq: 09 Sep 2019 06:25

Tgt Ion: 75 Resp: 20538
 Ion Ratio Lower Upper
 75 100
 110 9.8 15.9 47.7#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.513 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D3-(4)

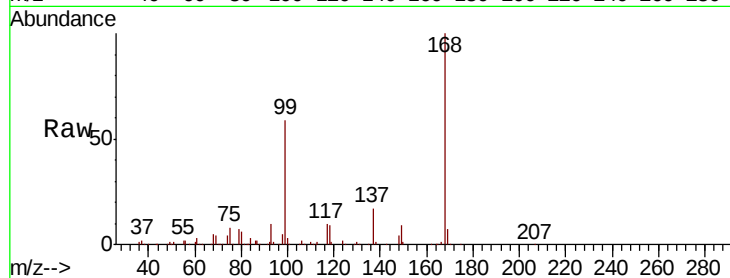
Tgt Ion:117 Resp: 25368

Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

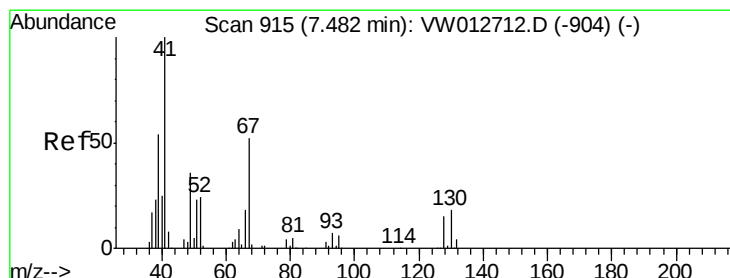
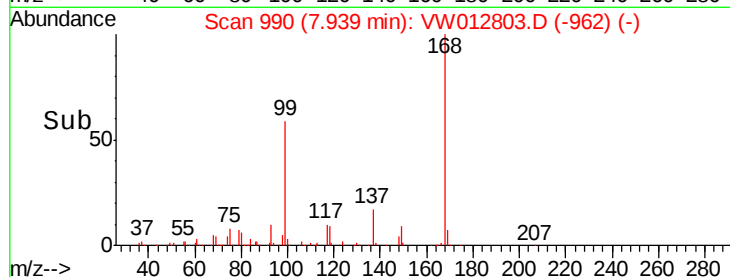
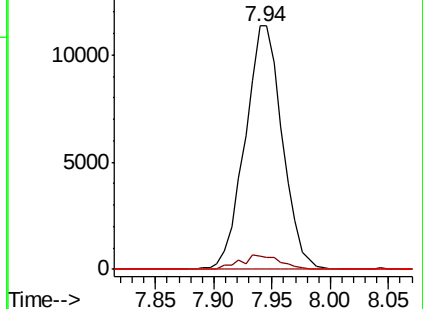
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.887 ug/l

RT: 7.44 min Scan# 908

Delta R.T. -0.04 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Tgt Ion: 41 Resp: 77

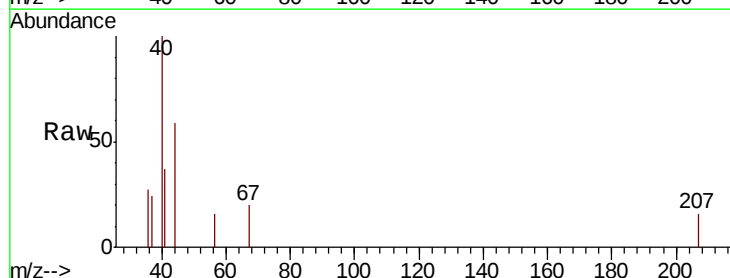
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 35.1 45.1 67.7#

52 0.0 20.2 30.2#

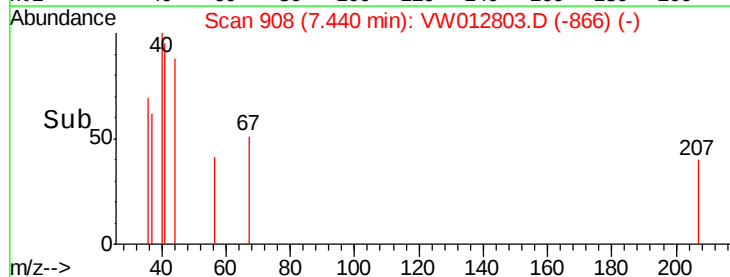
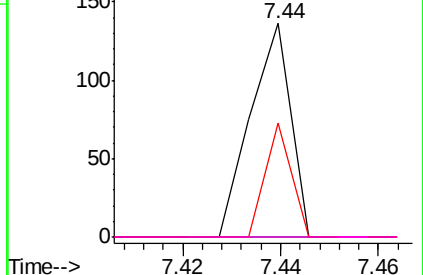


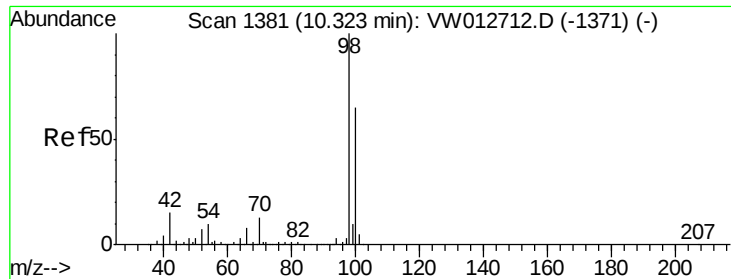
Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.525 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampleId :

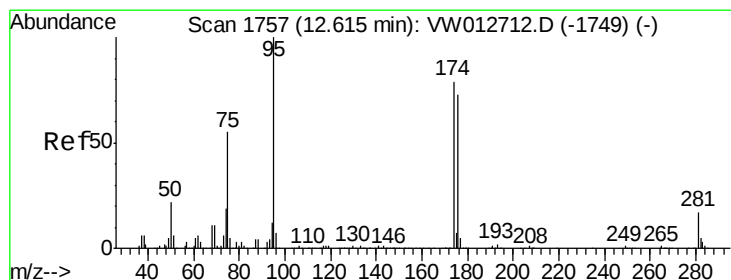
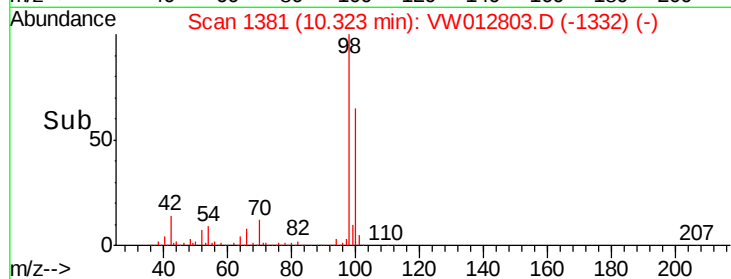
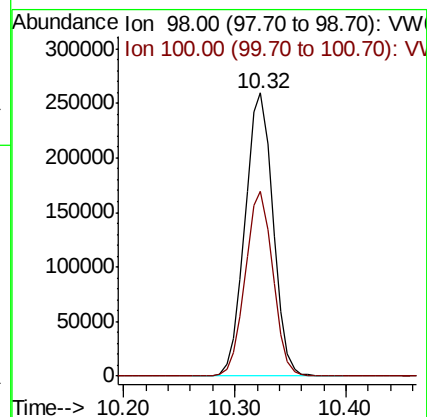
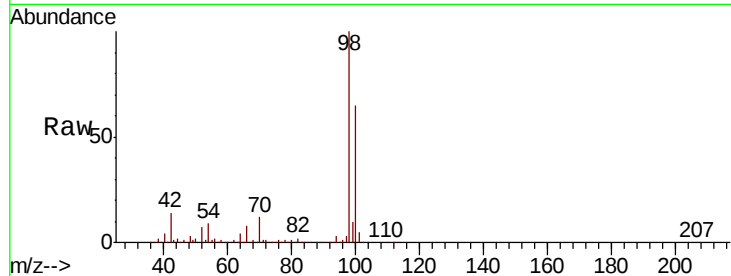
PAR-11-D3-(4)

Tgt Ion: 98 Resp: 453672

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 36.337 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

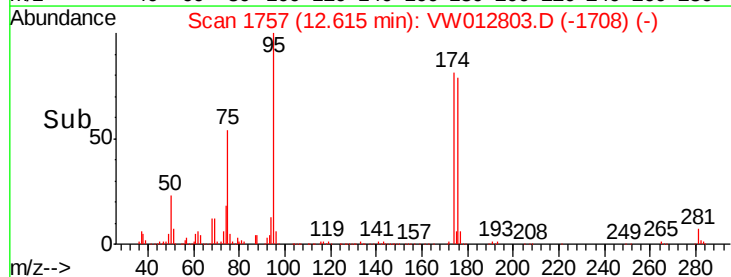
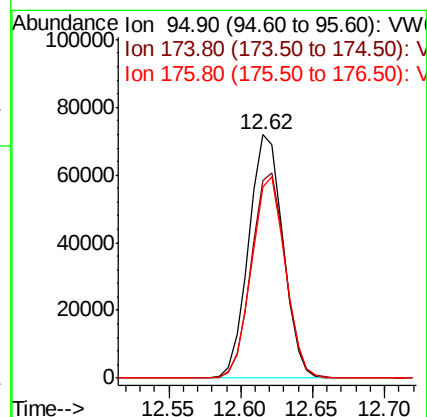
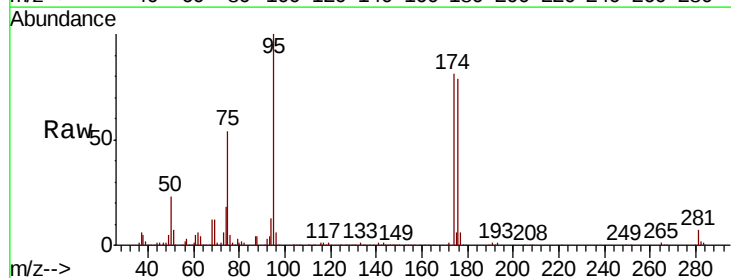
Tgt Ion: 95 Resp: 118447

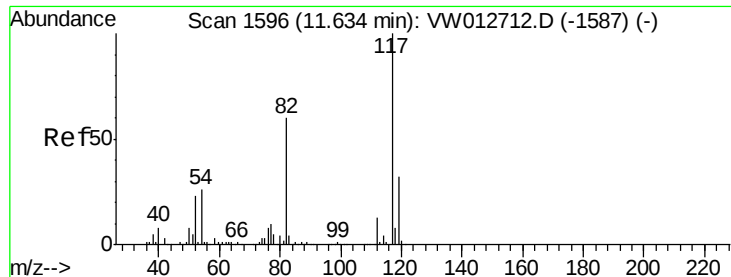
Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.0

176 81.4 0.0 156.4

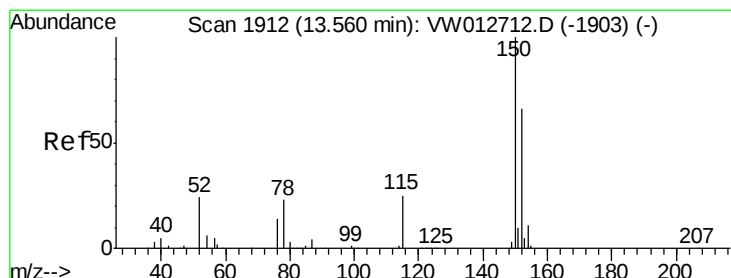
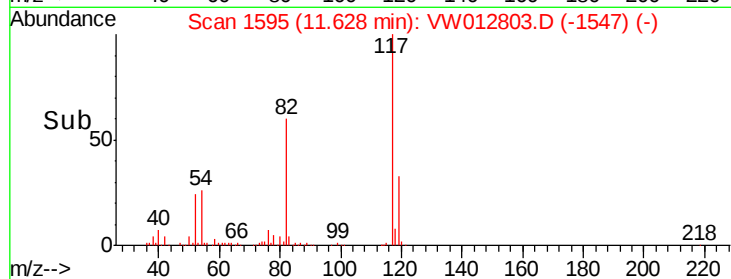
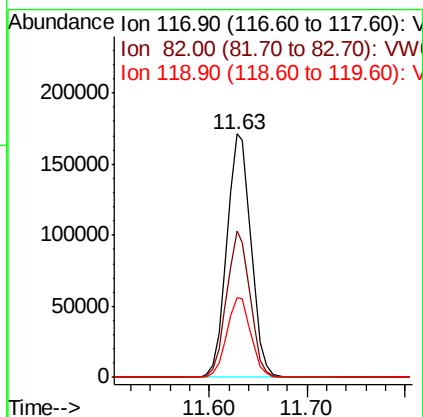
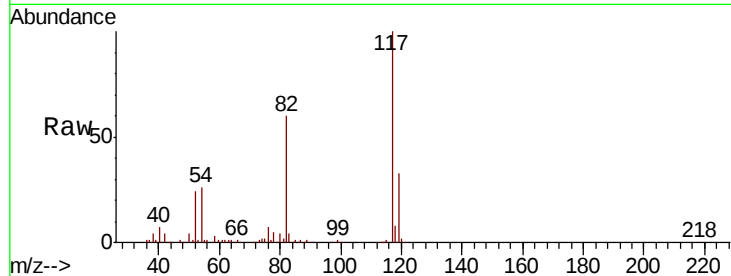




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

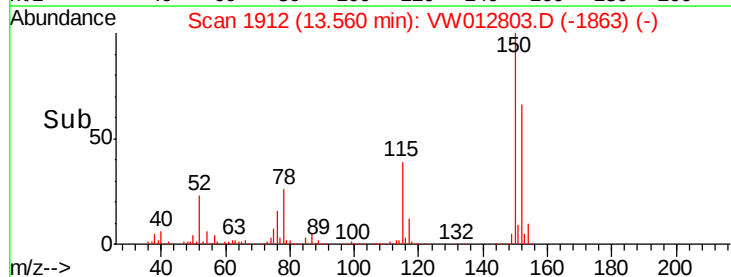
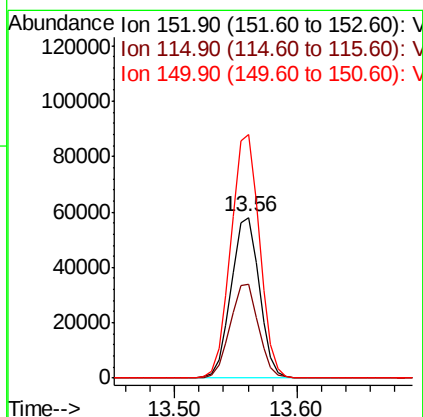
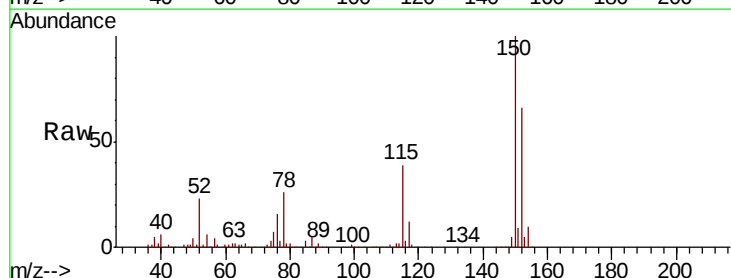
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(4)

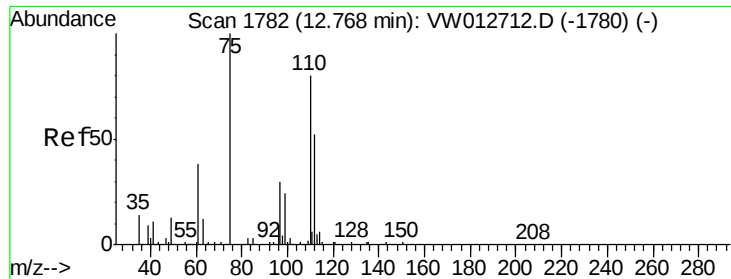
Tgt Ion:117 Resp: 292733
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion:152 Resp: 92477
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.1
150 153.3 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 68.116 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampleId :

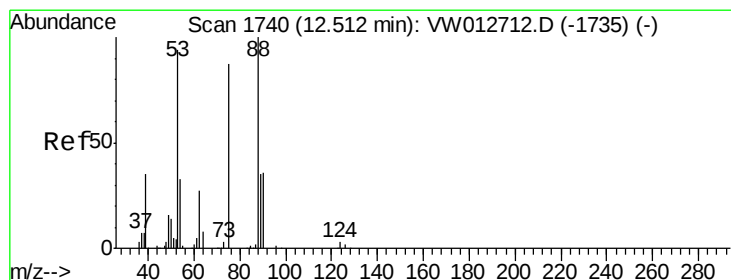
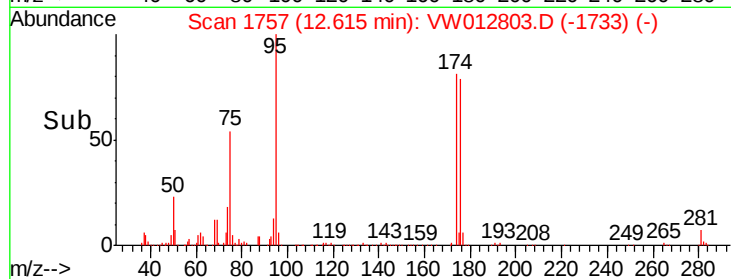
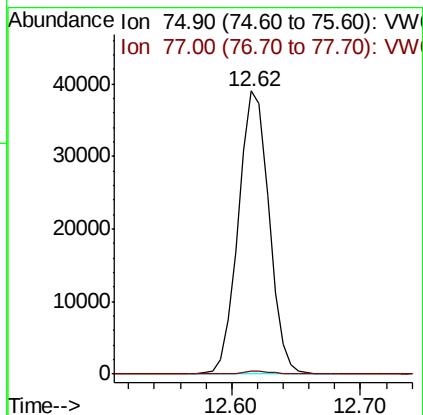
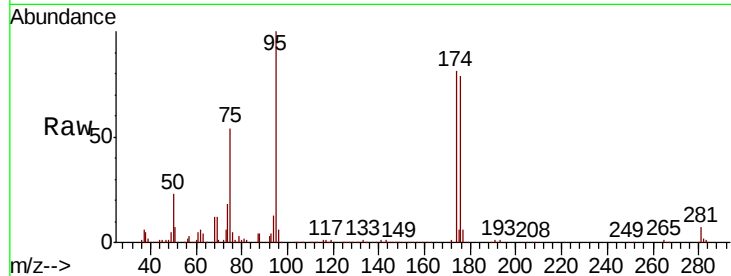
PAR-11-D3-(4)

Tgt Ion: 75 Resp: 64412

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.071 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

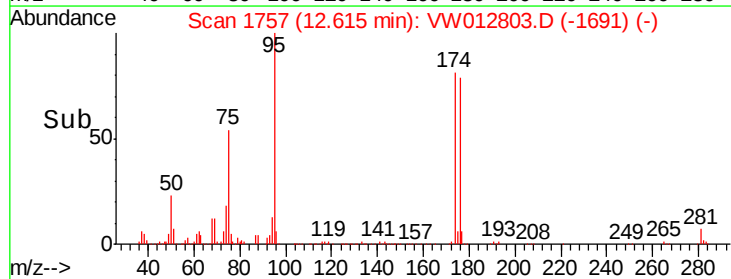
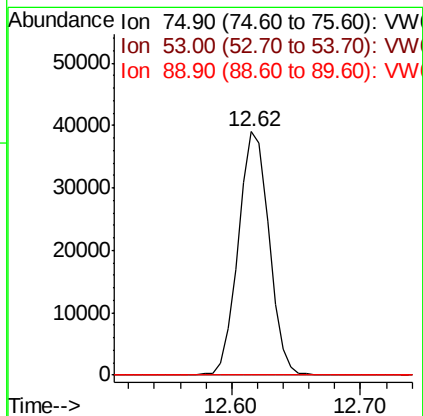
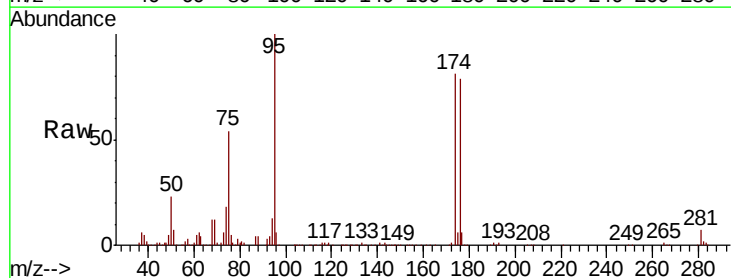
Tgt Ion: 75 Resp: 64412

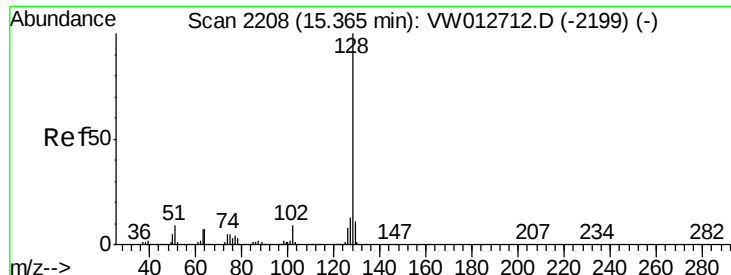
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 35.5 53.3#

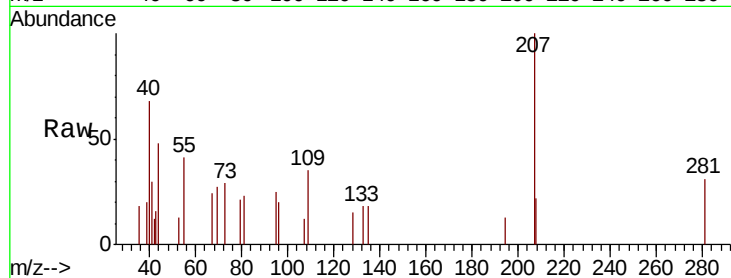




#95
Naphthalene
Concen: 4.445 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(4)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	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

