

Data File : VW012780.D
Acq On : 08 Sep 2019 19:53
Operator : SY/VA
Sample : K4603-18
Misc : 4.62G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F3-(3.11)

Quant Time: Sep 09 06:01:17 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	203507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	96035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119755	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.88	113	91352	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.32	98	359550	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.62	95	109151	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	

Target Compounds

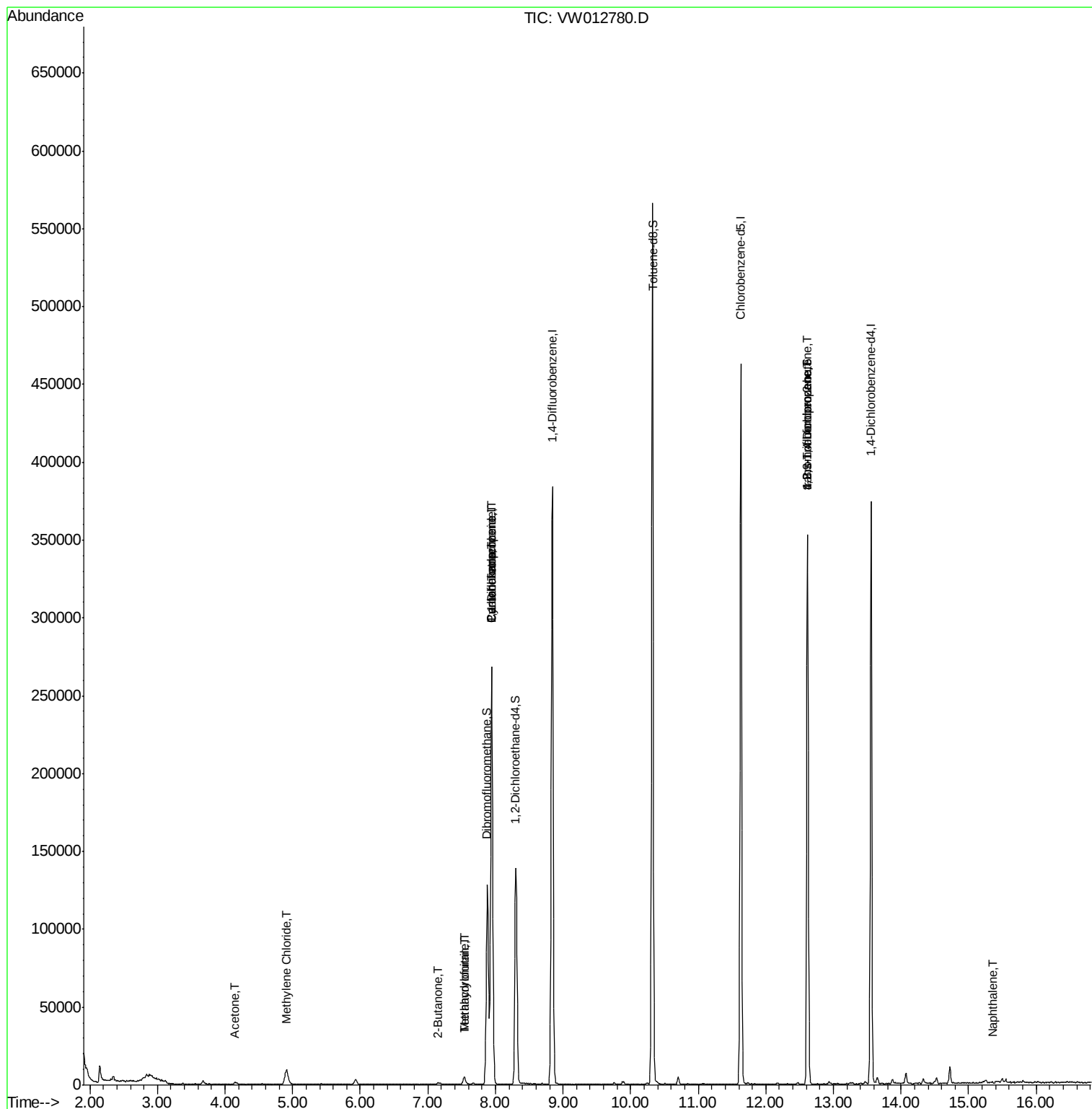
						Qvalue
16) Acetone	4.14	43	3231	5.212	ug/l	96
20) Methylene Chloride	4.91	84	6765	3.488	ug/l	84
25) 2-Butanone	7.15	43	34	19.715	ug/l #	53
29) Tetrahydrofuran	7.55	42	4356	8.702	ug/l	98
31) Cyclohexane	7.95	56	4771	1.427	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	16336	6.032	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19752	7.399	ug/l #	17
41) Methacrylonitrile	7.54	41	2752	6.004	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	59011	60.093	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59011	127.100	ug/l #	6
95) Naphthalene	15.36	128	251	4.496	ug/l #	80

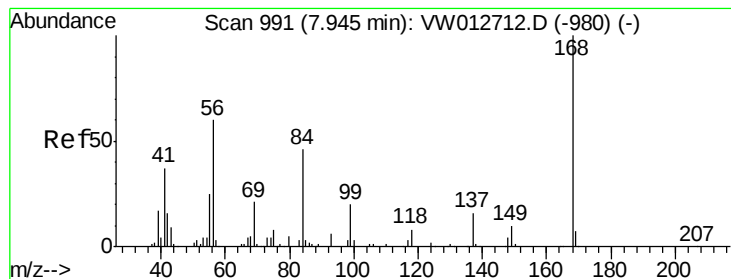
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012780.D

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Instrument :

MSVOA_W

ClientSampleId :

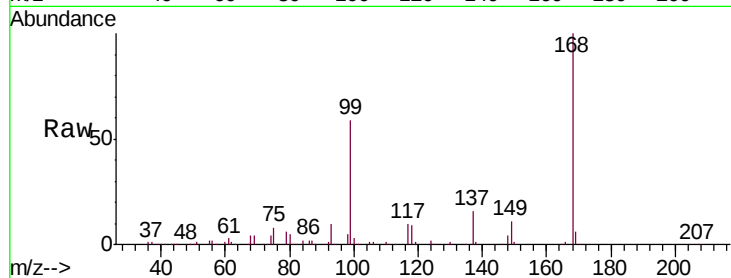
PAR-12-F3-(3.11)

Tgt Ion:168 Resp: 203507

Ion Ratio Lower Upper

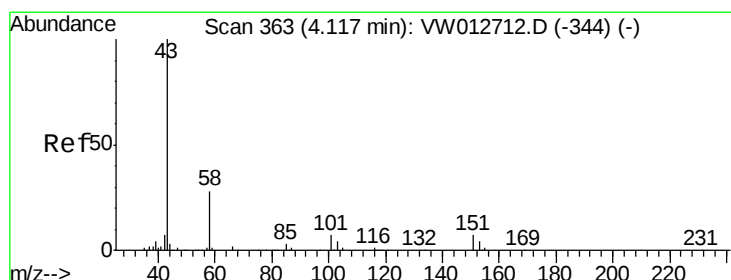
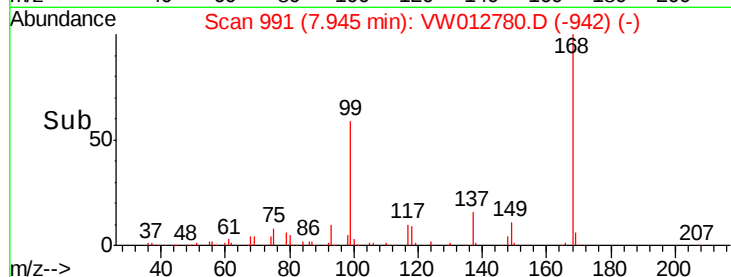
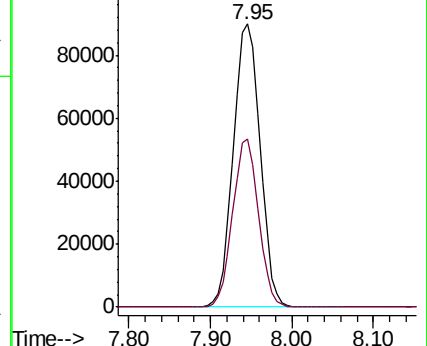
168 100

99 59.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.212 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012780.D

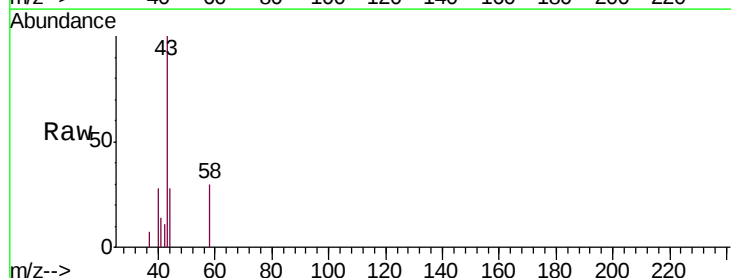
Acq: 08 Sep 2019 19:53

Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

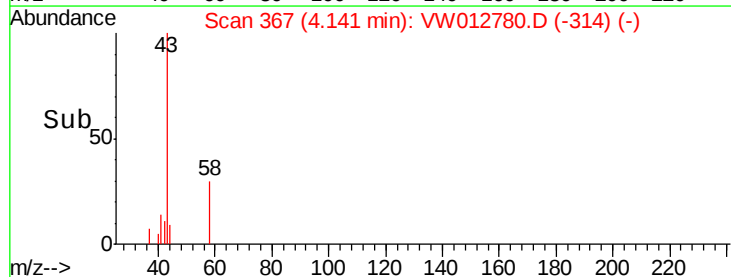
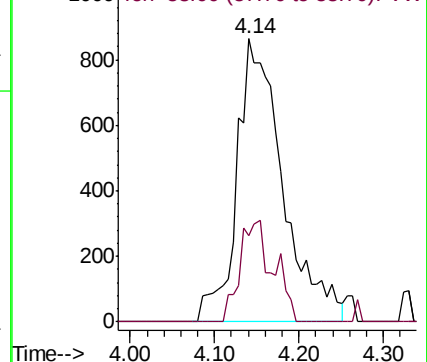
43 100

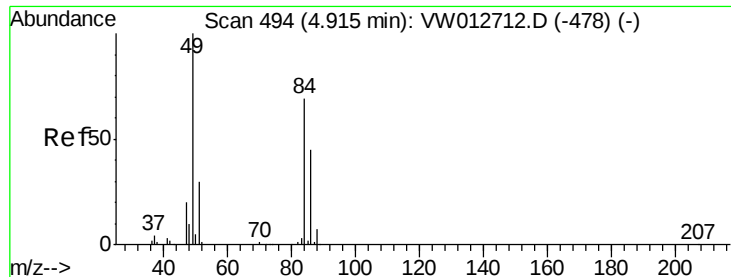
58 30.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

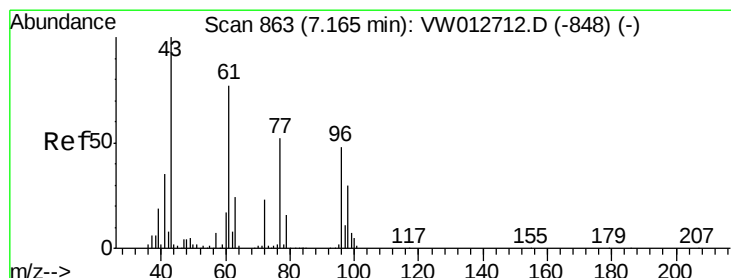
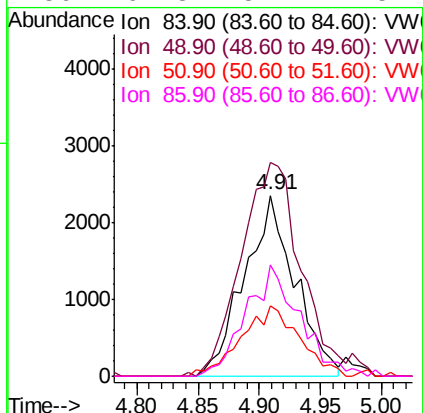
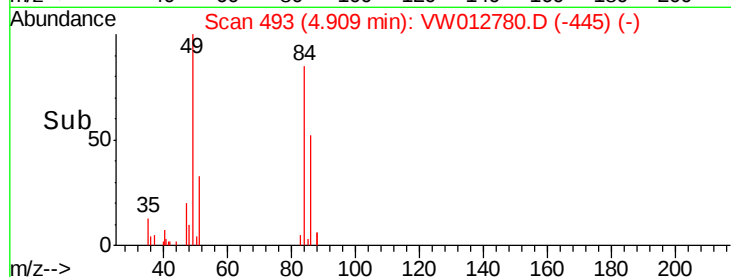
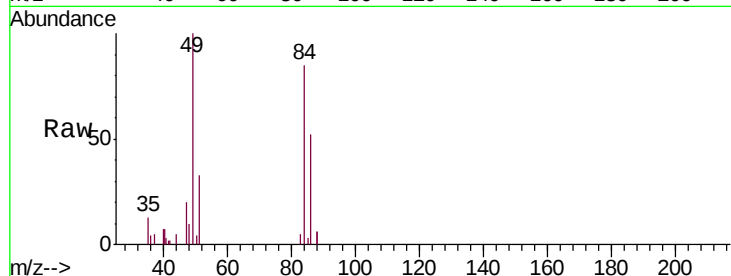




#20
Methylene Chloride
Concen: 3.488 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

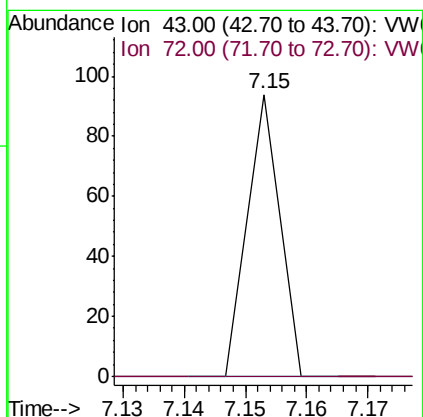
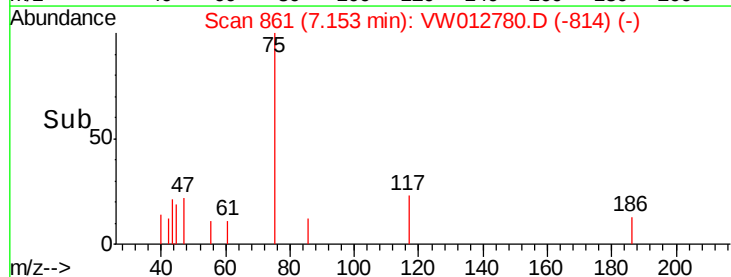
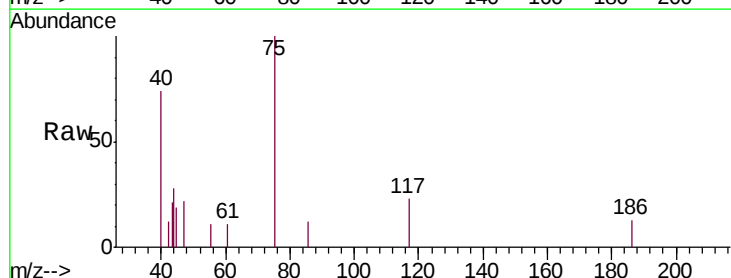
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F3-(3.11)

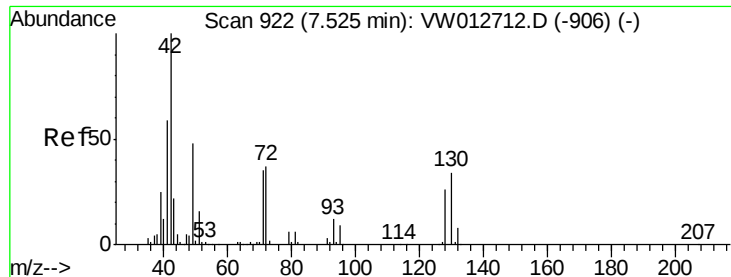
Tgt Ion: 84 Resp: 6765
Ion Ratio Lower Upper
84 100
49 115.6 115.4 173.0
51 38.8 34.9 52.3
86 61.8 52.2 78.4



#25
2-Butanone
Concen: 19.715 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#

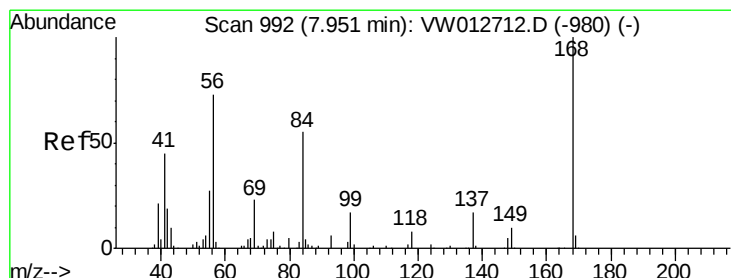
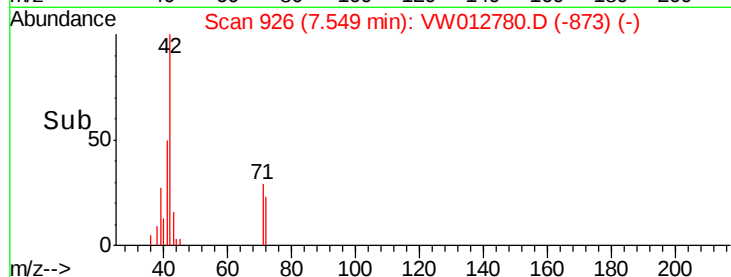
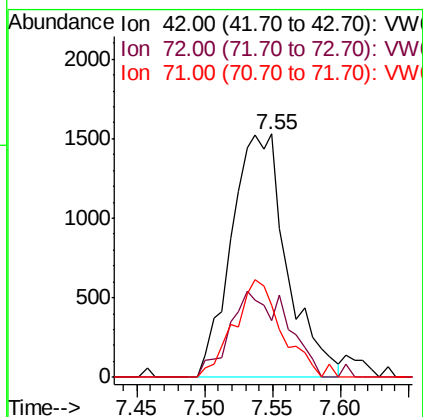
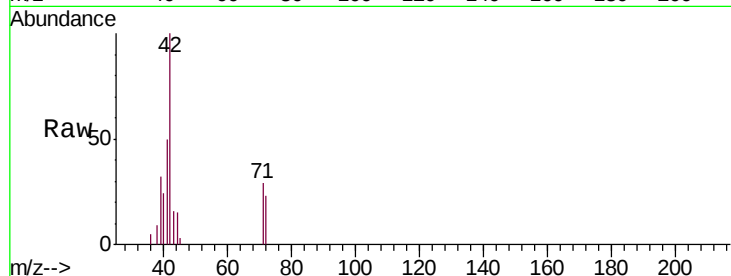




#29
Tetrahydrofuran
Concen: 8.702 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

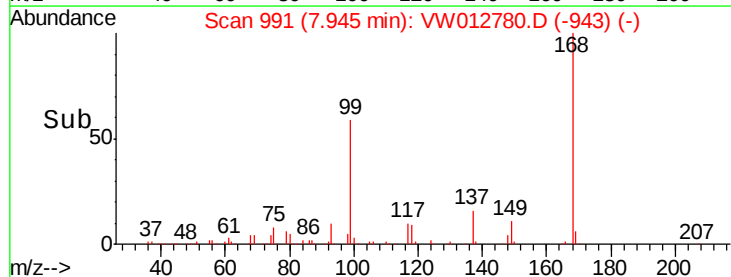
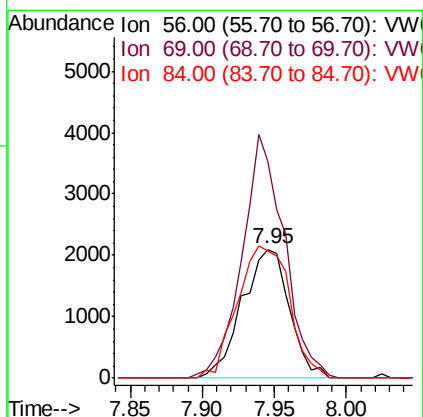
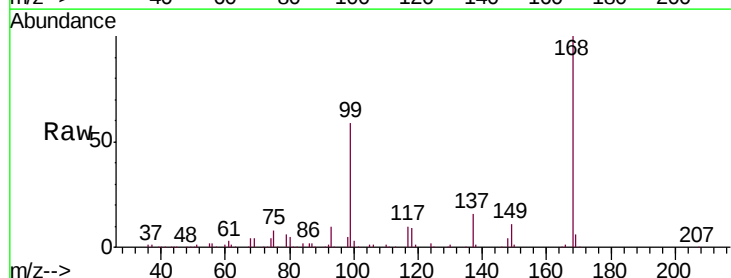
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F3-(3.11)

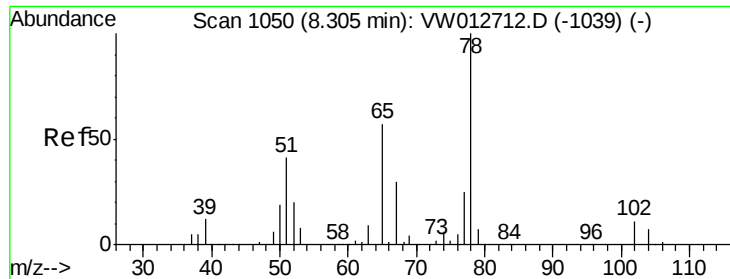
Tgt Ion: 42 Resp: 4356
Ion Ratio Lower Upper
42 100
72 36.5 28.4 42.6
71 34.7 27.1 40.7



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

Tgt Ion: 56 Resp: 4771
Ion Ratio Lower Upper
56 100
69 168.8 25.7 38.5#
84 98.7 60.4 90.6#

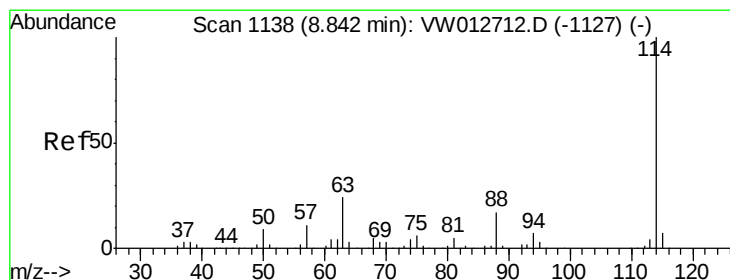
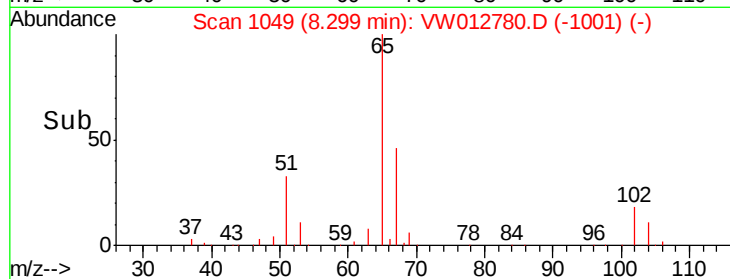
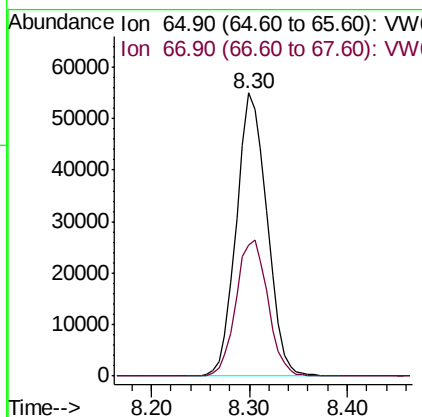
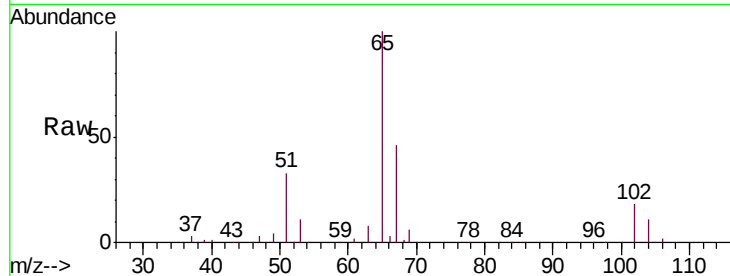




#33
 1,2-Dichloroethane-d4
 Concen: 52.666 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012780.D
 Acq: 08 Sep 2019 19:53

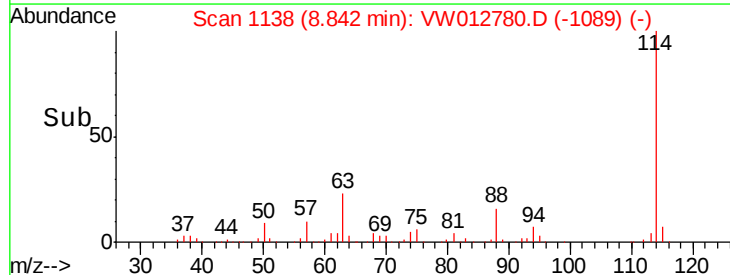
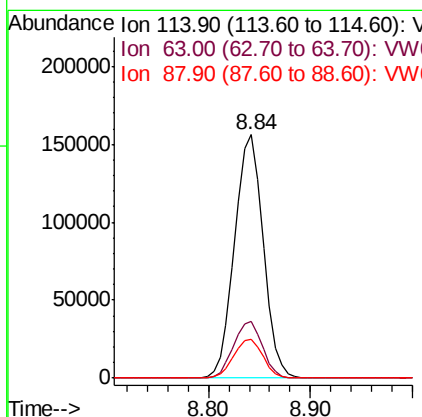
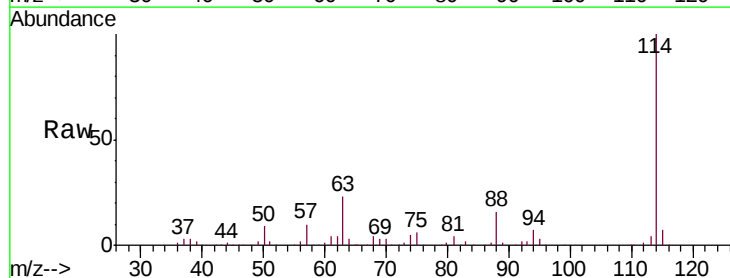
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F3-(3.11)

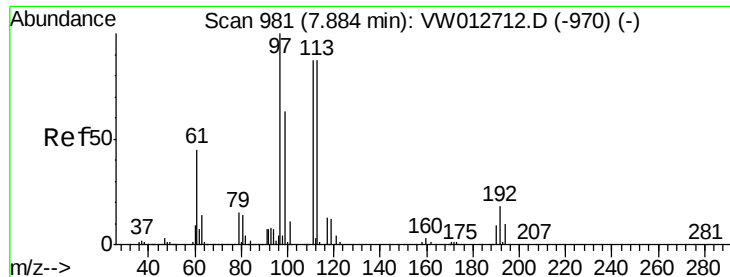
Tgt Ion: 65 Resp: 119755
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012780.D
 Acq: 08 Sep 2019 19:53

Tgt Ion: 114 Resp: 304805
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 15.8 0.0 34.0

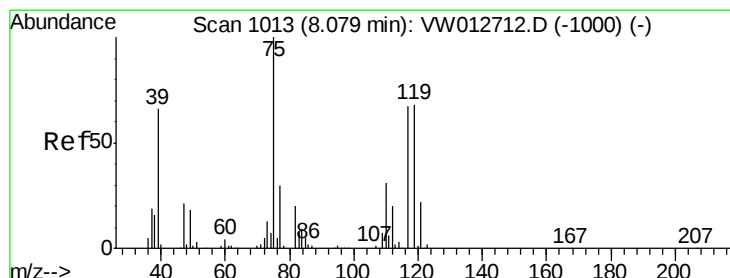
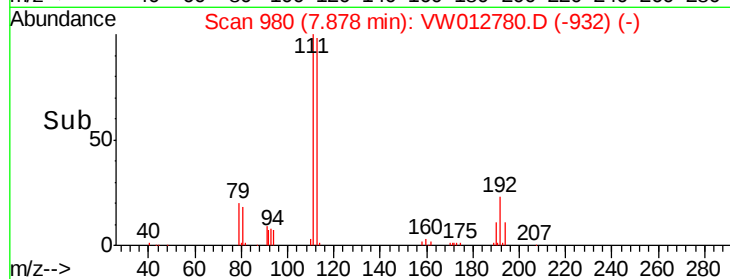
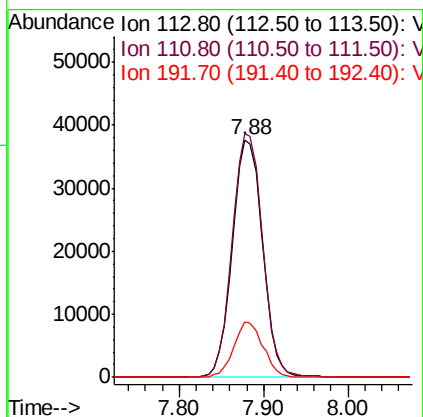
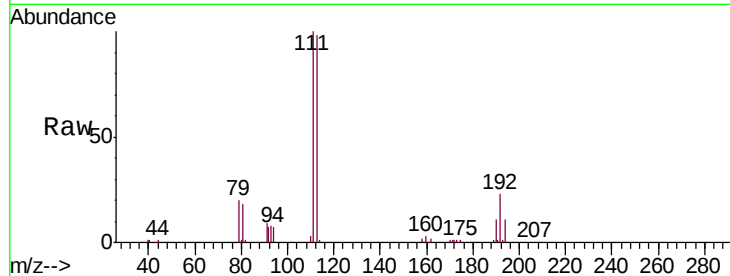




#35
 Dibromofluoromethane
 Concen: 50.411 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012780.D
 Acq: 08 Sep 2019 19:53

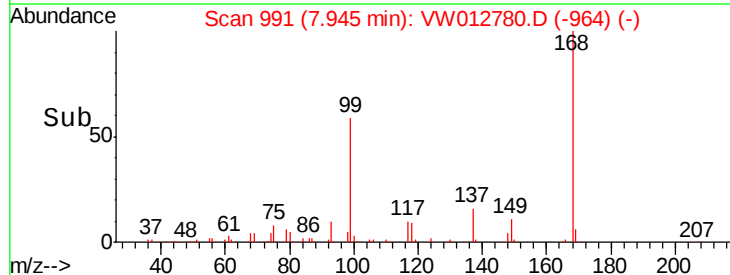
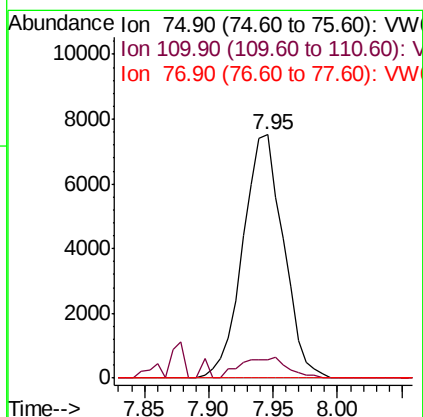
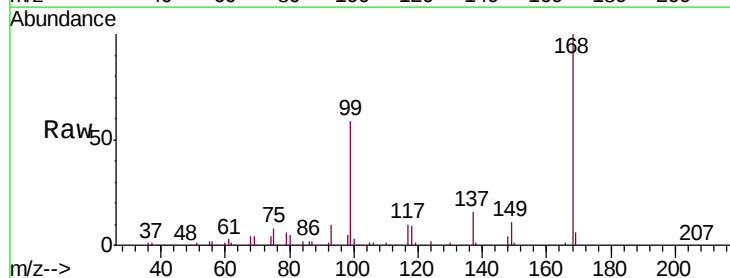
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F3-(3.11)

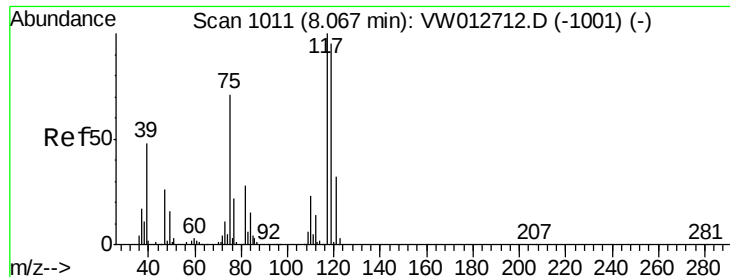
Tgt Ion: 113 Resp: 91352
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.2 120.4
 192 22.5 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 6.032 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012780.D
 Acq: 08 Sep 2019 19:53

Tgt Ion: 75 Resp: 16336
 Ion Ratio Lower Upper
 75 100
 110 9.9 15.9 47.7#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.399 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F3-(3.11)

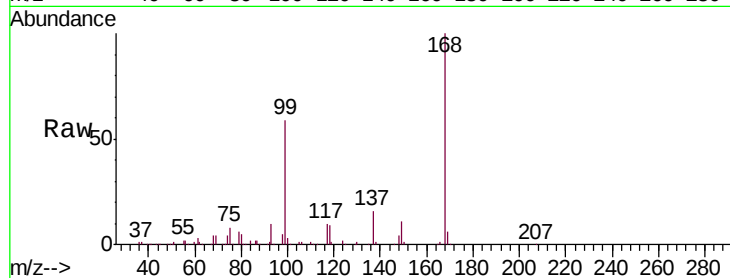
Tgt Ion:117 Resp: 19752

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

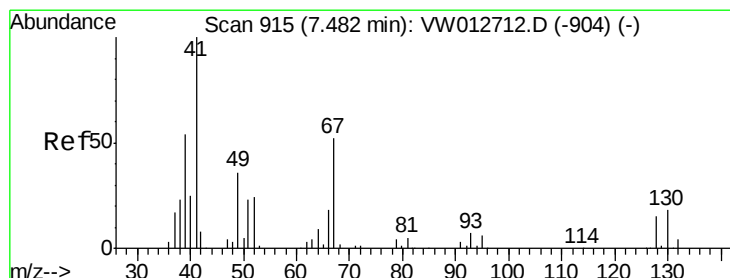
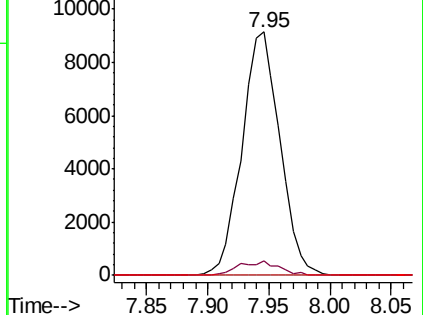
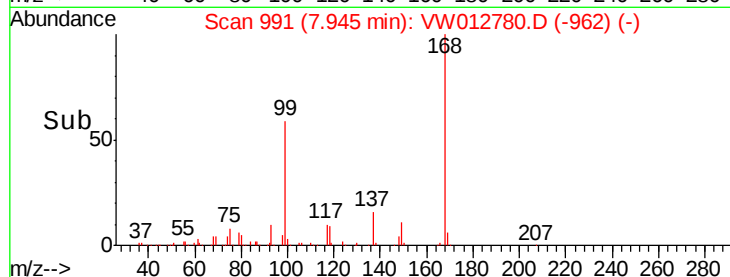
121 0.0 25.4 38.2#



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: 6.004 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.06 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

Tgt Ion: 41 Resp: 2752

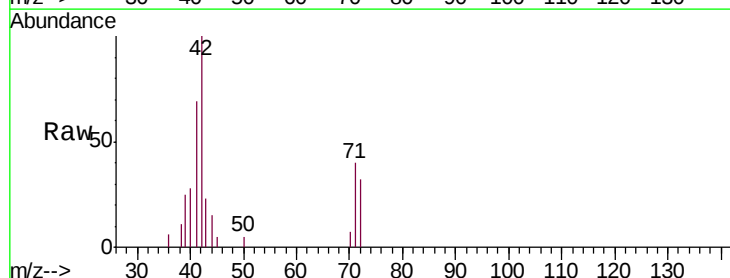
Ion Ratio Lower Upper

41 100

39 56.1 47.5 71.3

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

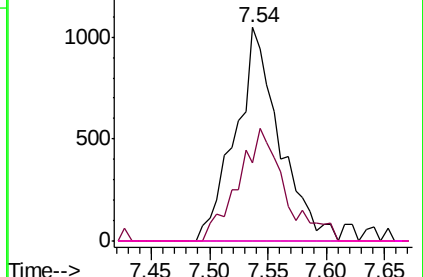
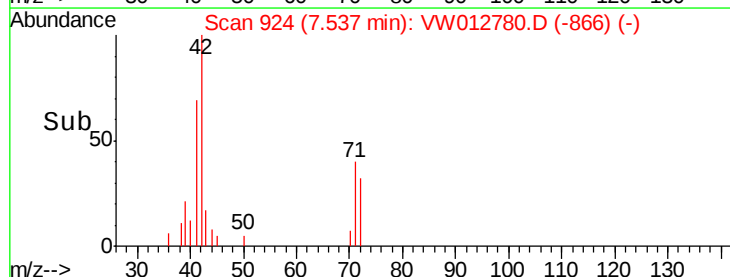


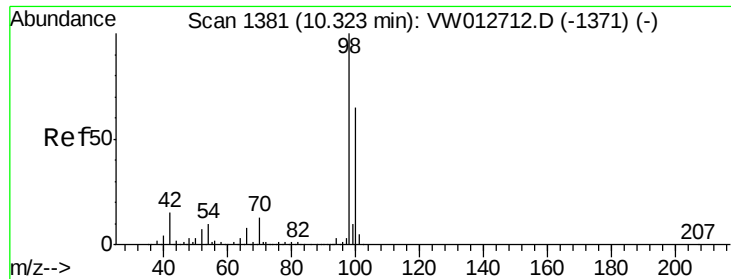
Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.644 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

Instrument :

MSVOA_W

ClientSampleId :

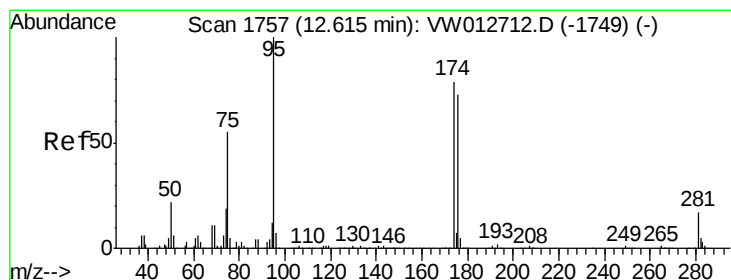
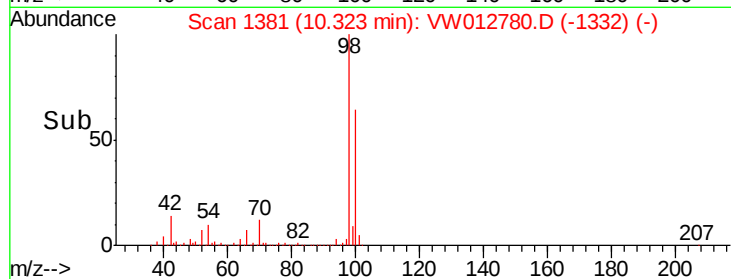
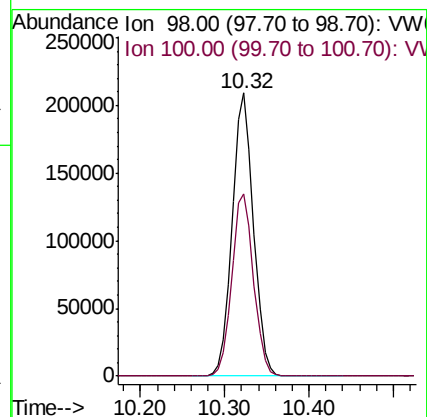
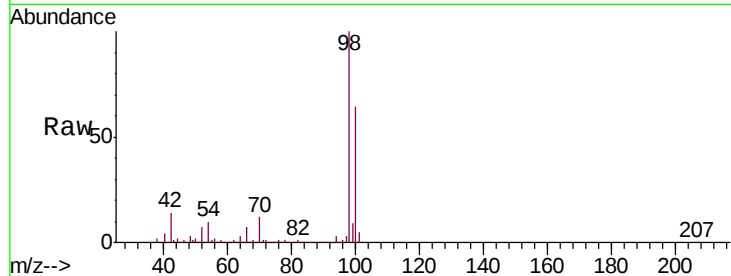
PAR-12-F3-(3.11)

Tgt Ion: 98 Resp: 359550

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.350 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

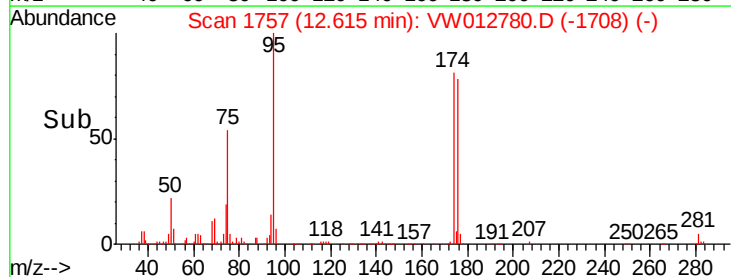
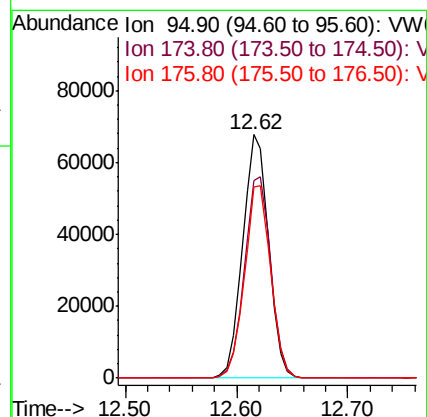
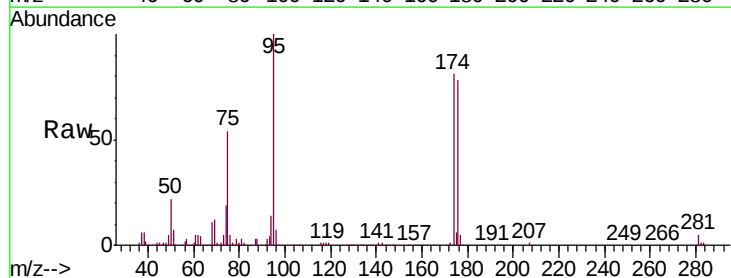
Tgt Ion: 95 Resp: 109151

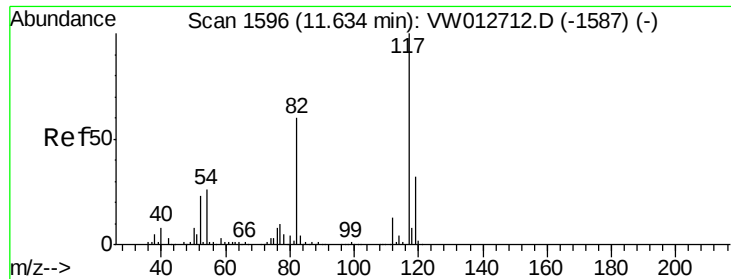
Ion Ratio Lower Upper

95 100

174 84.3 0.0 161.0

176 79.7 0.0 156.4

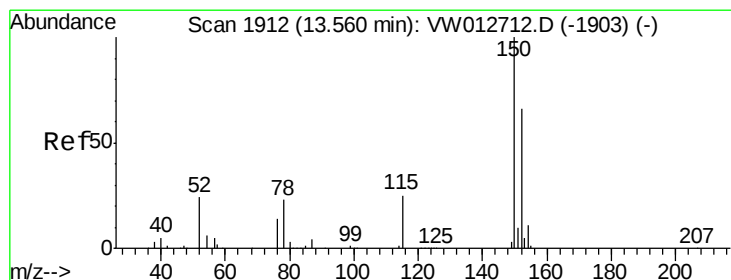
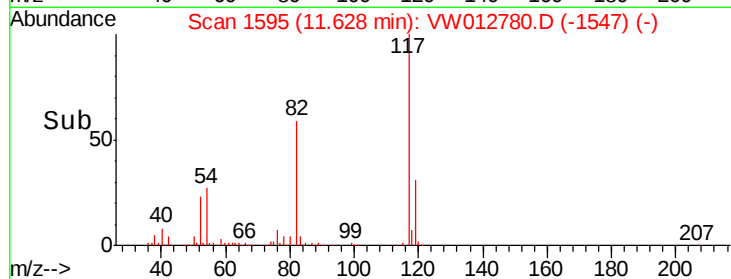
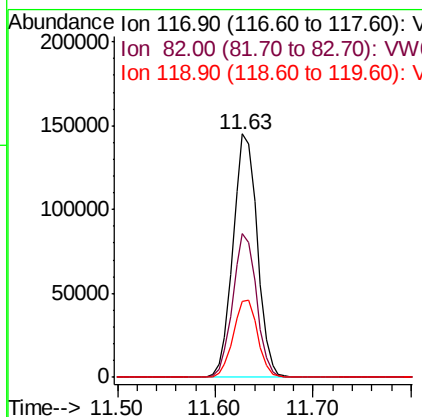
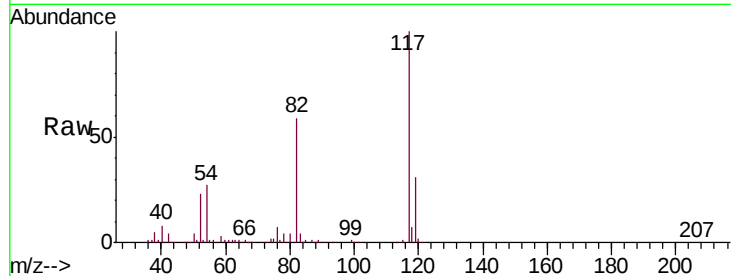




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

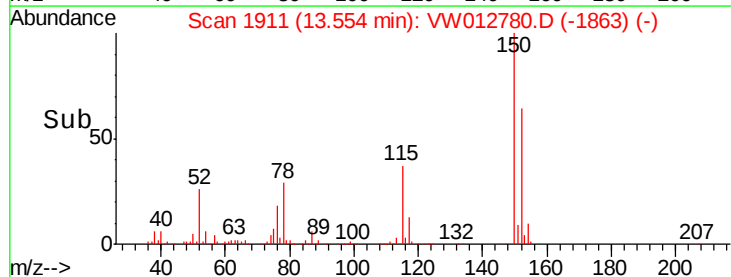
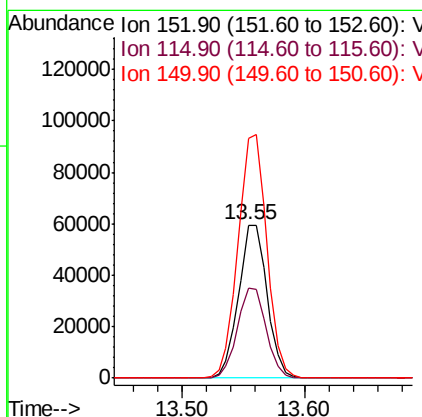
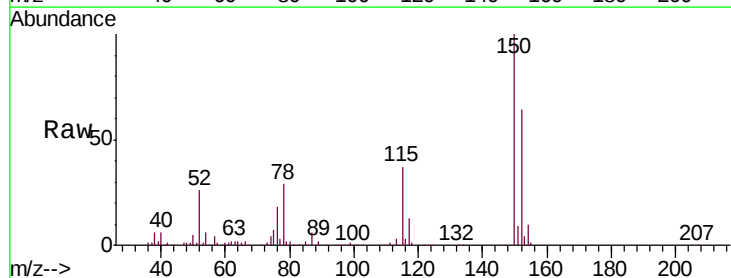
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F3-(3.11)

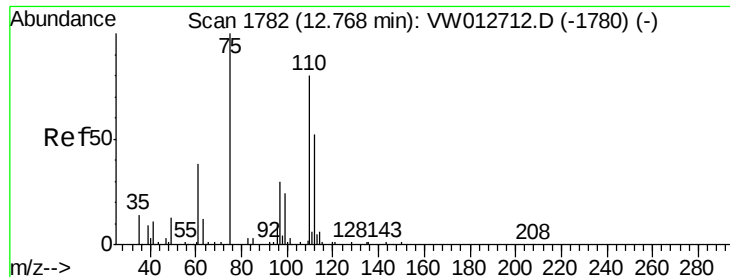
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.2	72.4
119	31.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012780.D
Acq: 08 Sep 2019 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.0	90.1
150	160.2	0.0	349.0





#76

1,2,3-Trichloropropane

Concen: 60.093 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

Instrument :

MSVOA_W

ClientSampleId :

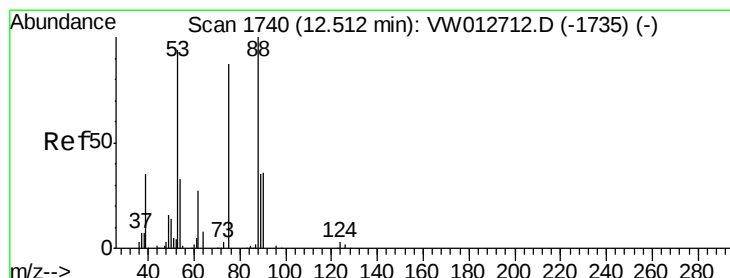
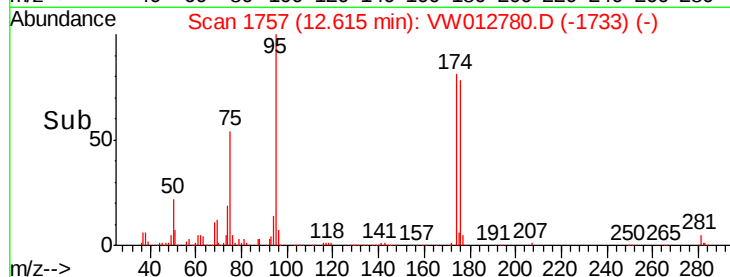
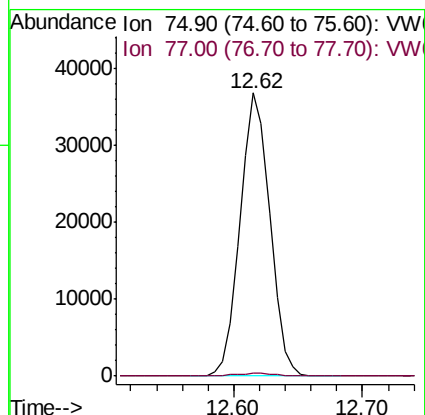
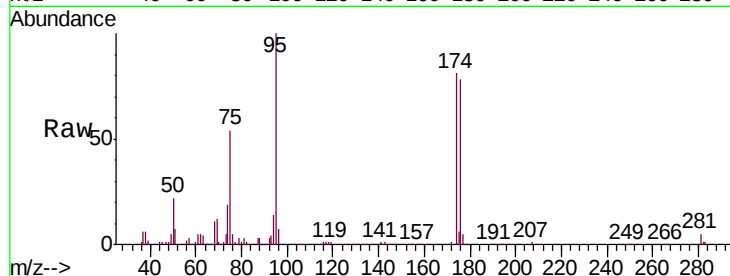
PAR-12-F3-(3.11)

Tgt Ion: 75 Resp: 59011

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.100 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012780.D

Acq: 08 Sep 2019 19:53

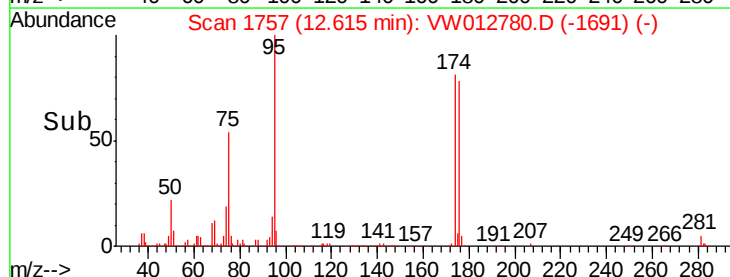
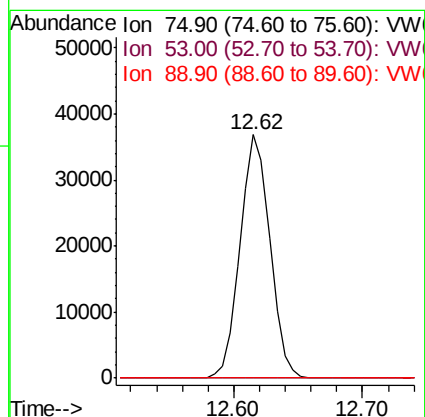
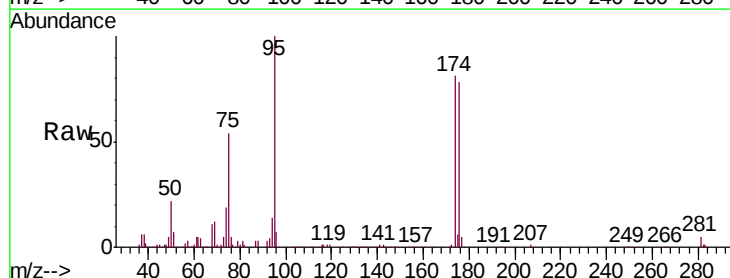
Tgt Ion: 75 Resp: 59011

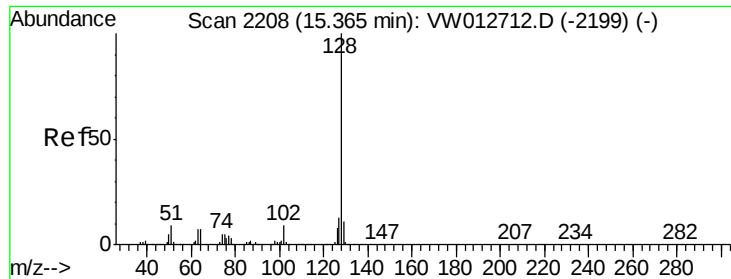
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 35.5 53.3#





#95

Naphthalene

Concen: 4.496 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012780.D

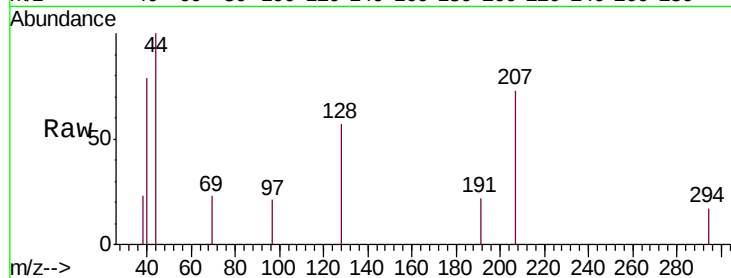
Acq: 08 Sep 2019 19:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F3-(3.11)



Tgt Ion:	128	Resp:	251
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	10.0	8.7	13.1

