

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012814.D
 Acq On : 09 Sep 2019 11:55
 Operator : SY/VA
 Sample : VW0909SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 09 13:21:20 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	231341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127155	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	117108	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
35) Dibromofluoromethane	7.88	113	100659	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	10.32	98	402960	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	134222	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	

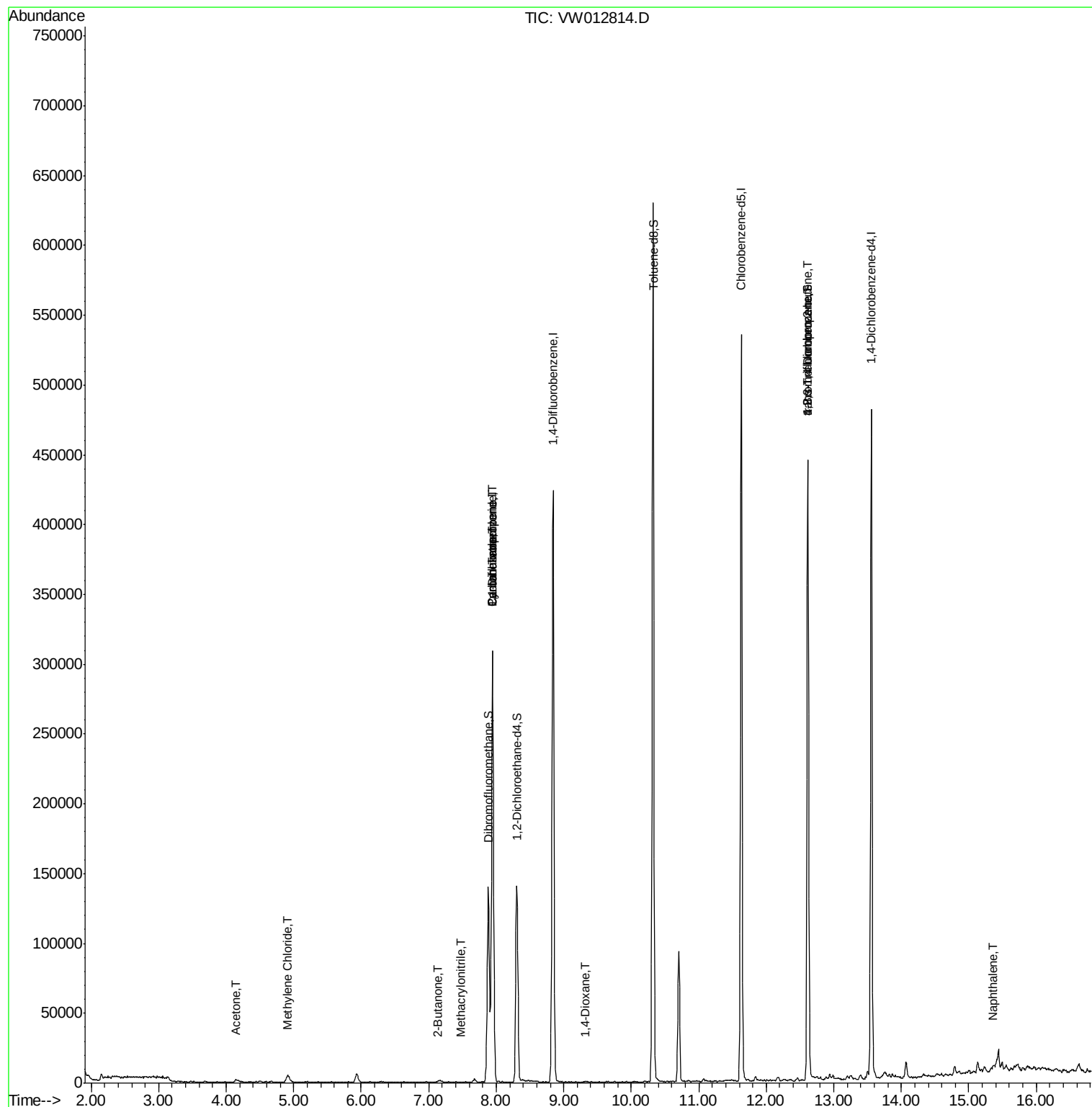
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3895	5.527	ug/l #	88
20) Methylene Chloride	4.91	84	4159	1.887	ug/l #	76
25) 2-Butanone	7.13	43	118	19.785	ug/l #	53
31) Cyclohexane	7.95	56	5291	1.393	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	16906	5.517	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22108	7.318	ug/l #	15
41) Methacrylonitrile	7.46	41	52	3.875	ug/l #	1
49) 1,4-Dioxane	9.32	88	46	2.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	69657	53.573	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69657	113.311	ug/l #	7
95) Naphthalene	15.36	128	3137	4.975	ug/l #	85

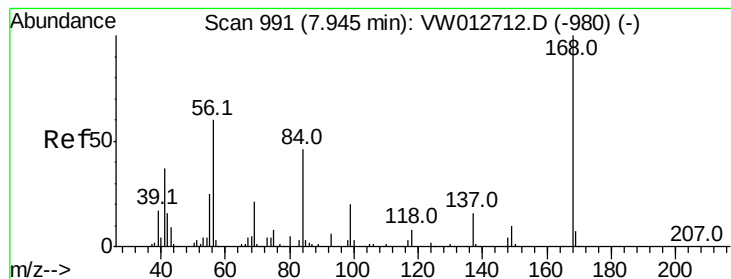
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012814.D

Acq: 09 Sep 2019 11:55

Instrument :

MSVOA_W

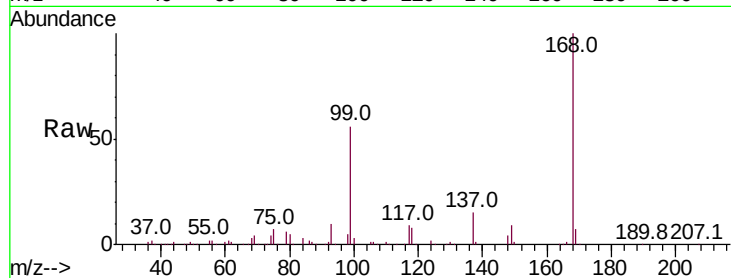
ClientSampled :

Tot Ion:168 Resp: 231341

Ion Ratio Lower Upper

168 100

99 55.6 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

120000

100000

80000

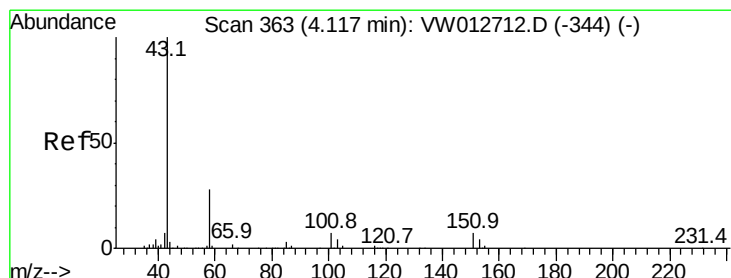
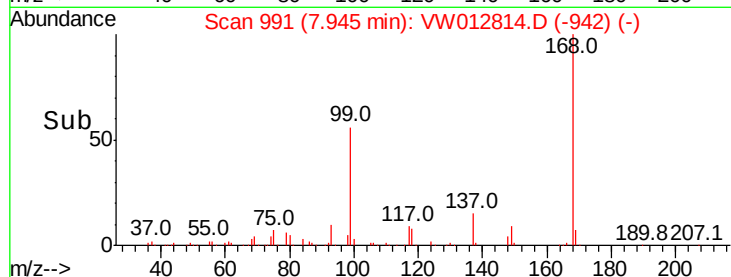
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.527 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012814.D

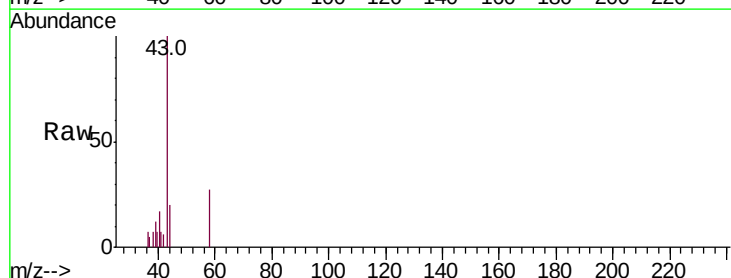
Acq: 09 Sep 2019 11:55

Tgt Ion: 43 Resp: 3895

Ion Ratio Lower Upper

43 100

58 21.8 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

1200

1000

800

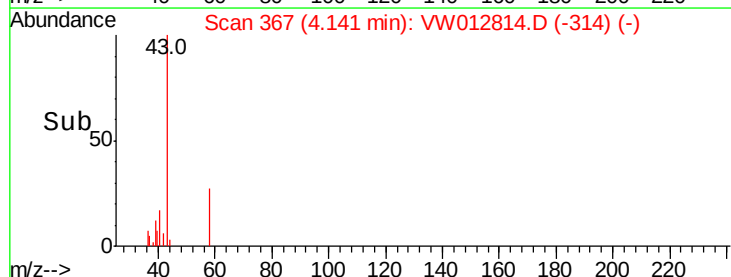
600

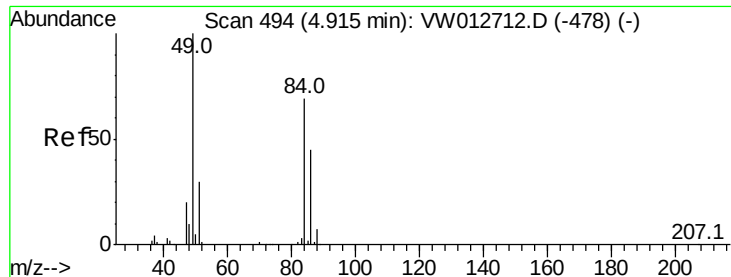
400

200

0

Time-->

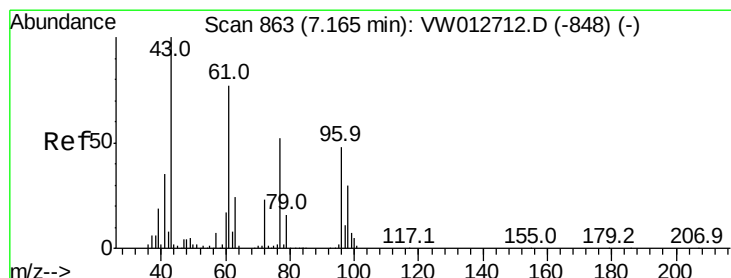
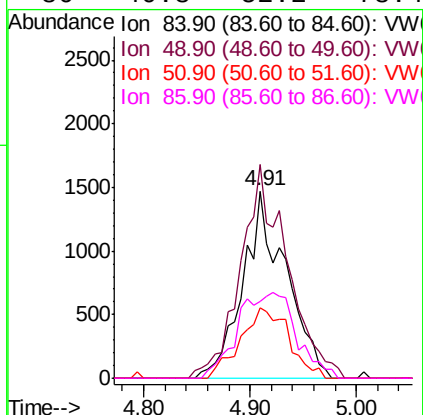
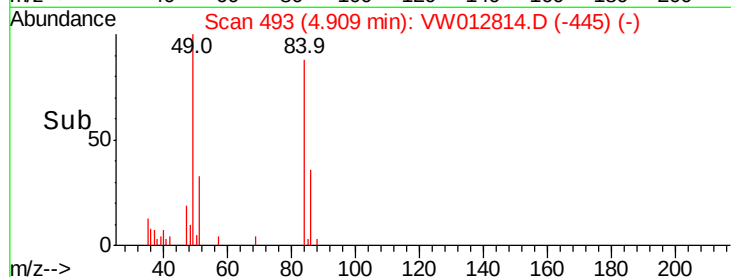
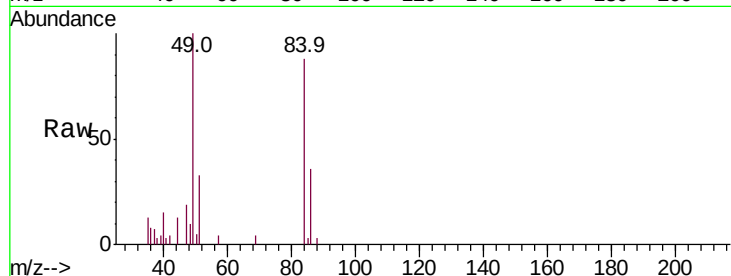




#20
Methylene Chloride
Concen: 1.887 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

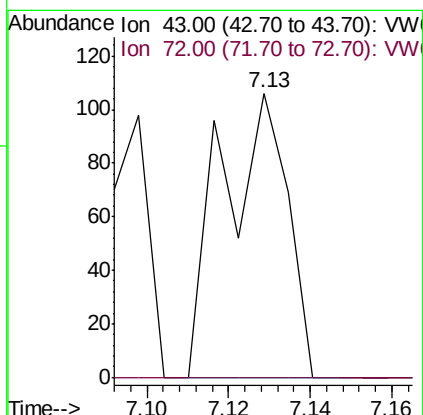
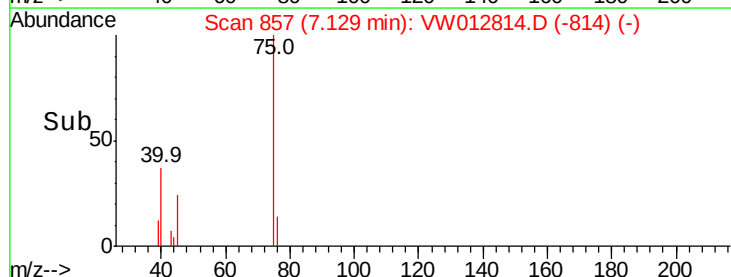
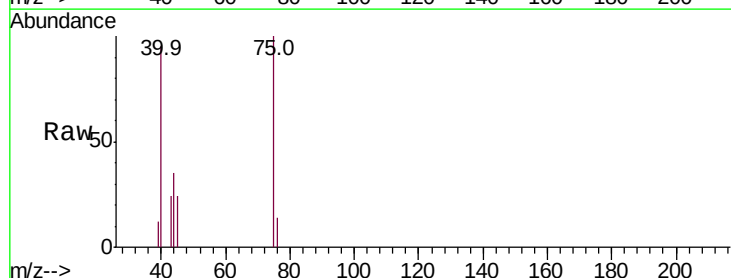
Instrument :
MSVOA_W
ClientSampled :

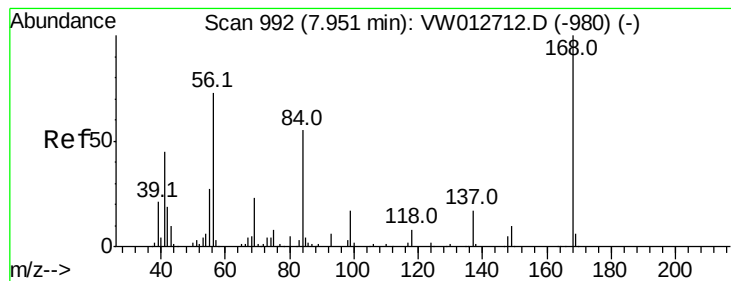
Tot Ion: 84 Resp: 4159
Ion Ratio Lower Upper
84 100
49 114.1 115.4 173.0#
51 37.3 34.9 52.3
86 40.8 52.2 78.4#



#25
2-Butanone
Concen: 19.785 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#





#31

Cyclohexane

Concen: 1.393 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

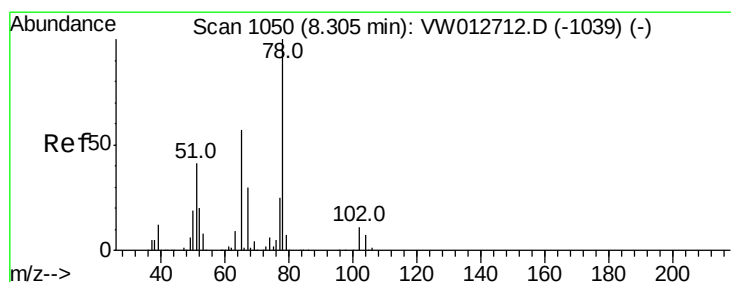
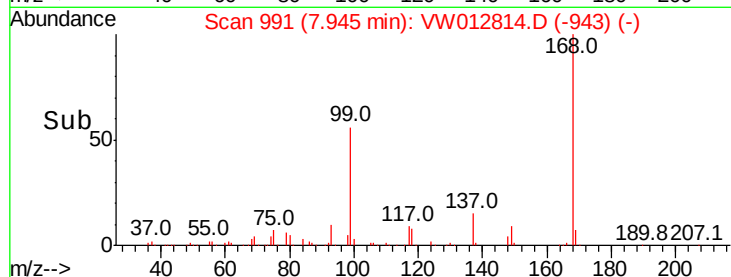
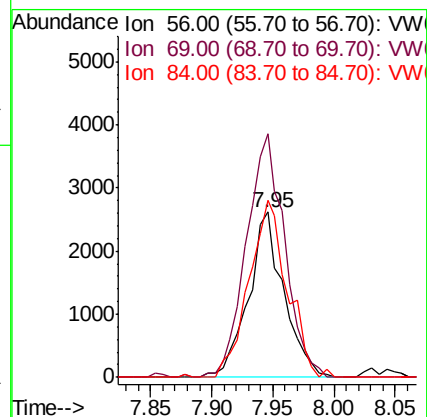
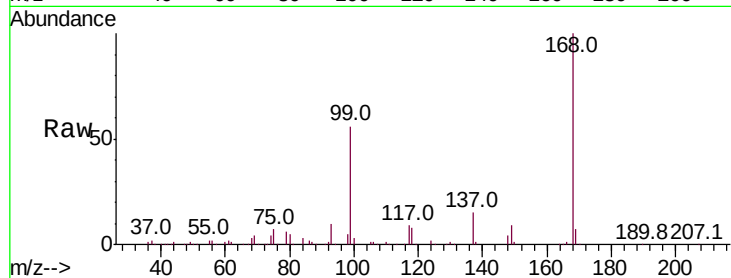
Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5291

Ion	Ratio	Lower	Upper
56	100		
69	147.2	25.7	38.5#
84	107.4	60.4	90.6#



#33

1,2-Dichloroethane-d4

Concen: 45.306 ug/l

RT: 8.31 min Scan# 1050

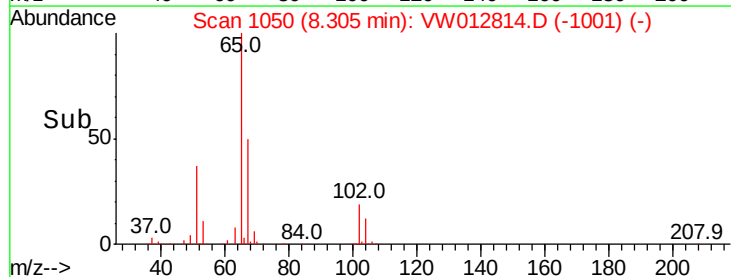
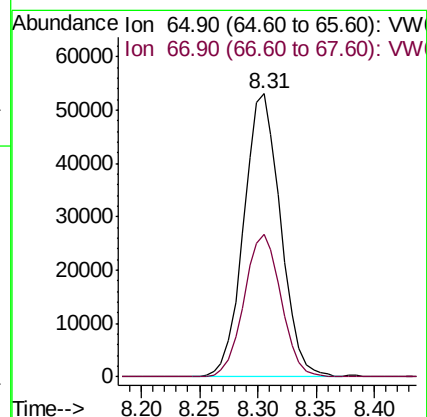
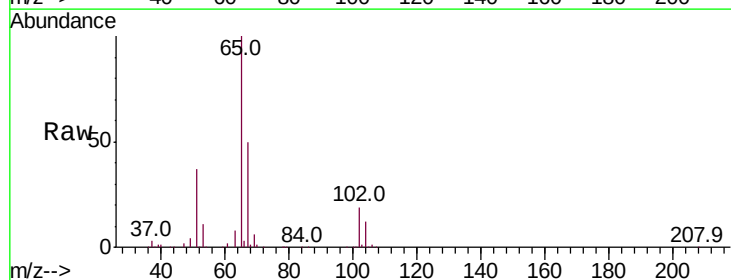
Delta R.T. 0.00 min

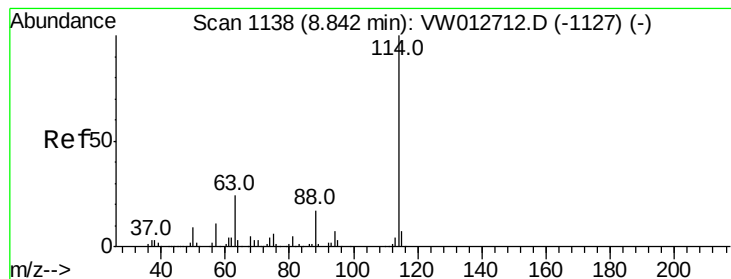
Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

Tgt Ion: 65 Resp: 117108

Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VW012814.D

Acq: 09 Sep 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

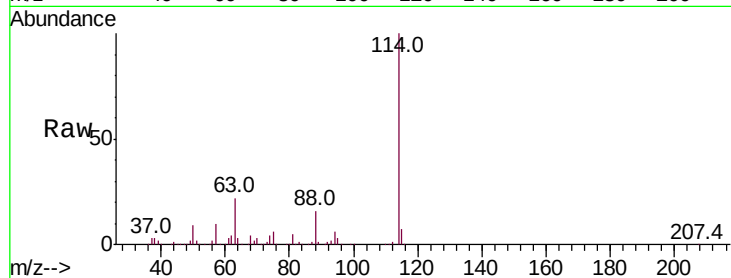
Tot Ion:114 Resp: 344898

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

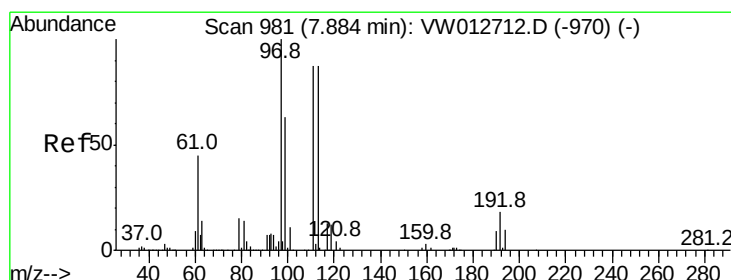
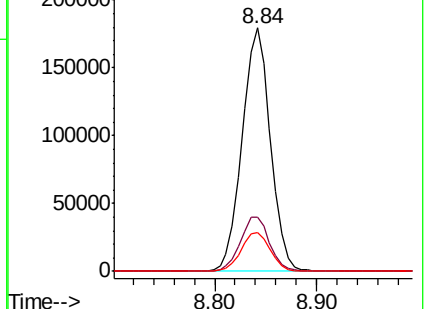
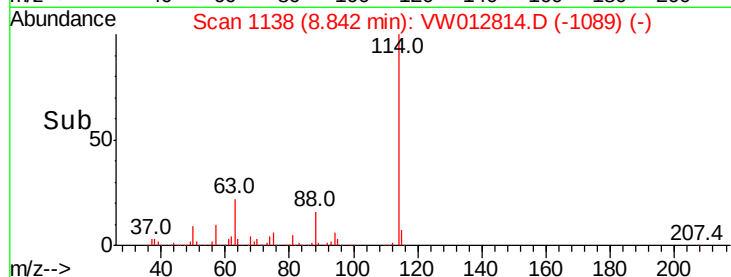
88 16.0 0.0 34.0



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: 49.090 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

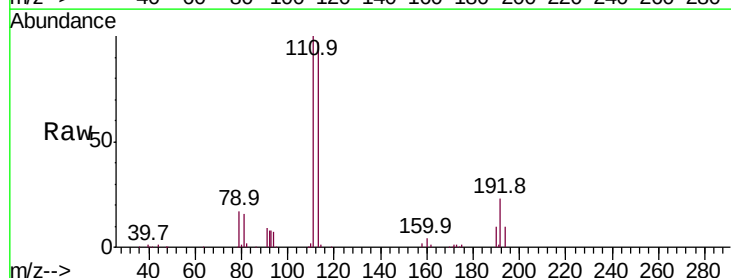
Tgt Ion:113 Resp: 100659

Ion Ratio Lower Upper

113 100

111 102.9 80.2 120.4

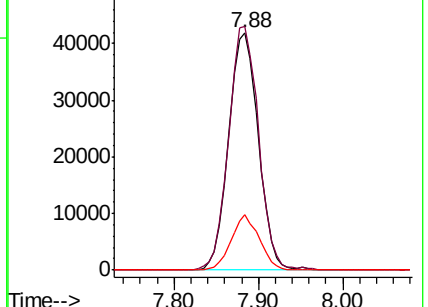
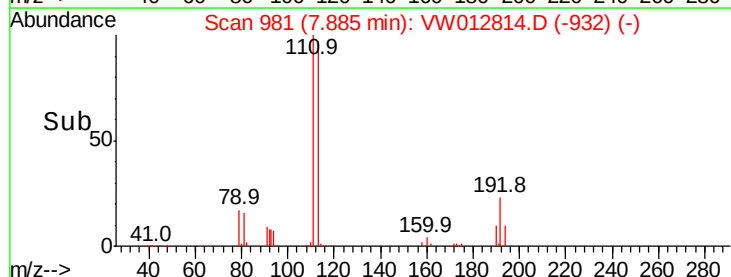
192 21.7 17.3 25.9

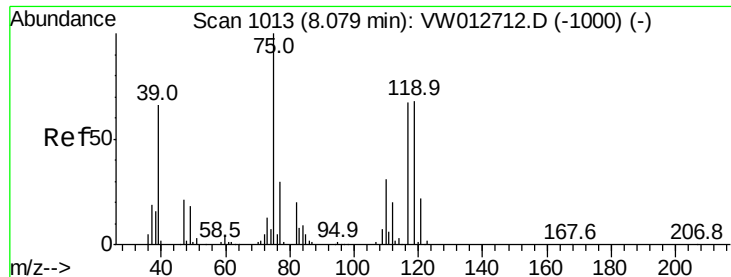


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.517 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

Instrument :

MSVOA_W

ClientSampled :

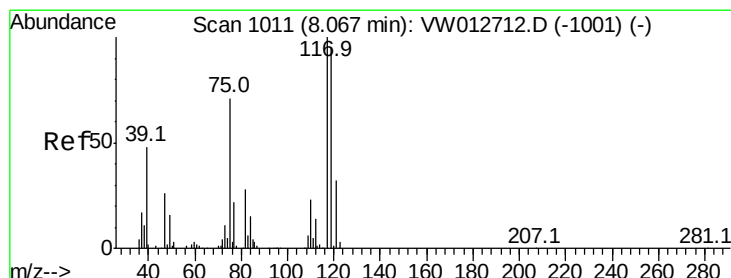
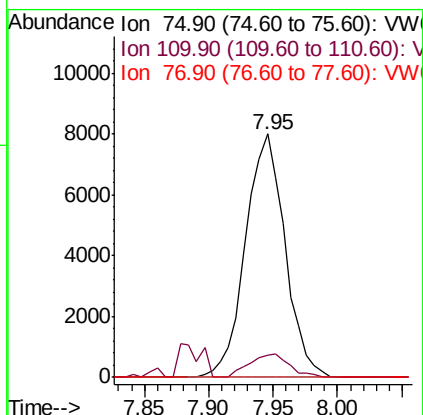
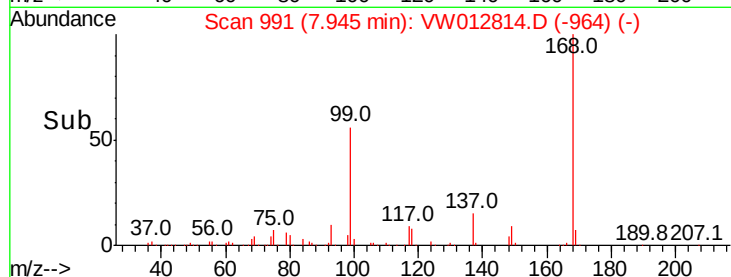
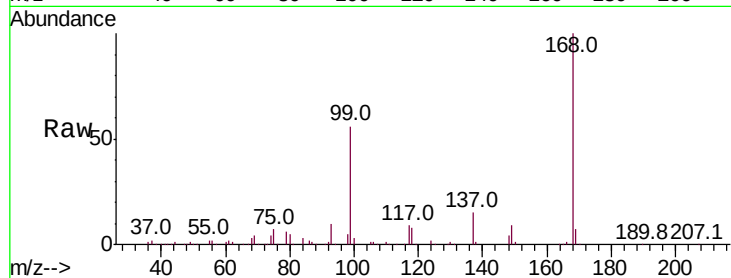
Tot Ion: 75 Resp: 16906

Ion Ratio Lower Upper

75 100

110 9.7 15.9 47.7#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 7.318 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

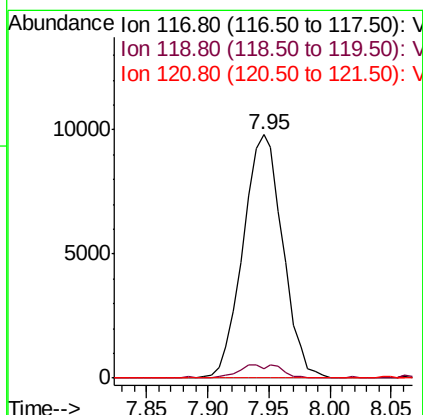
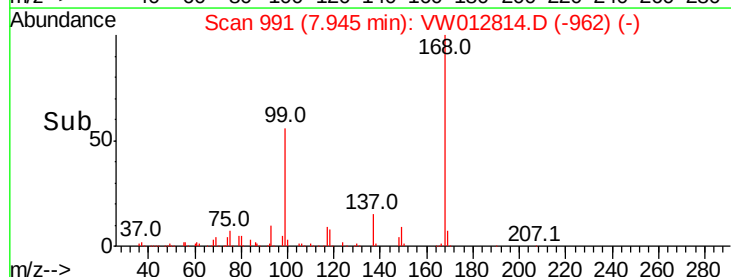
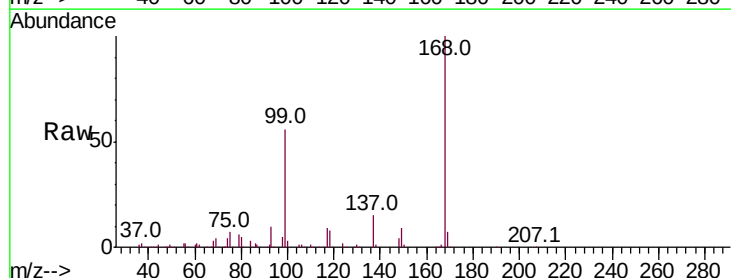
Tgt Ion: 117 Resp: 22108

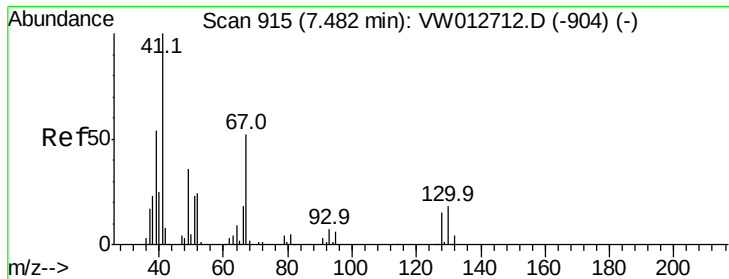
Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.2#

121 0.0 25.4 38.2#

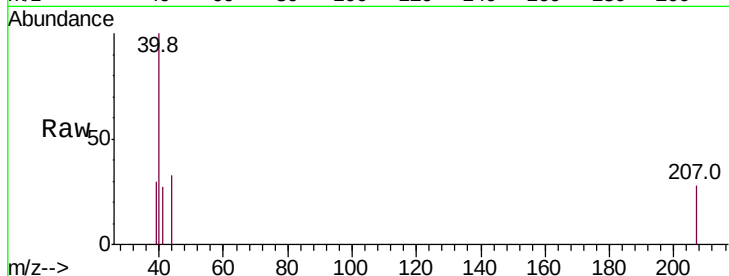




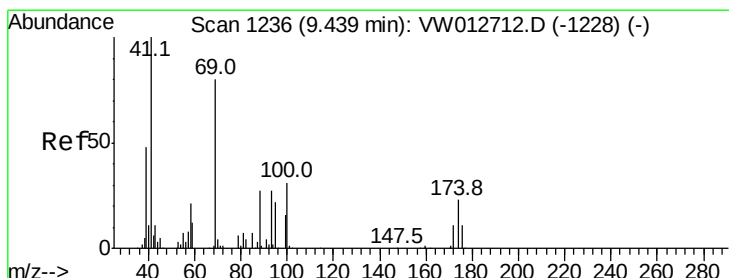
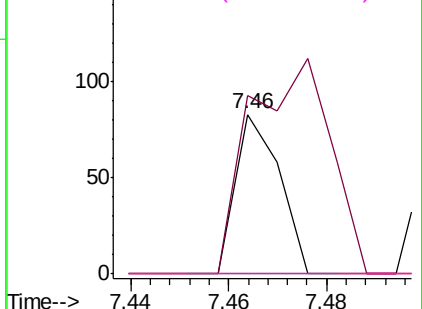
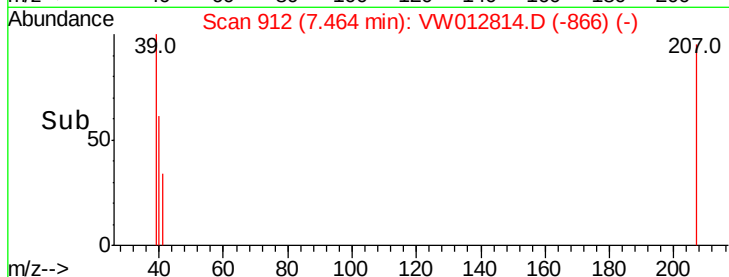
#41
Methacrylonitrile
Concen: 3.875 ug/l
RT: 7.46 min Scan# 912
Delta R.T. -0.02 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	52
Ion	Ratio	Lower	Upper
41	100		
39	244.2	47.5	71.3#
67	0.0	45.1	67.7#
52	0.0	20.2	30.2#

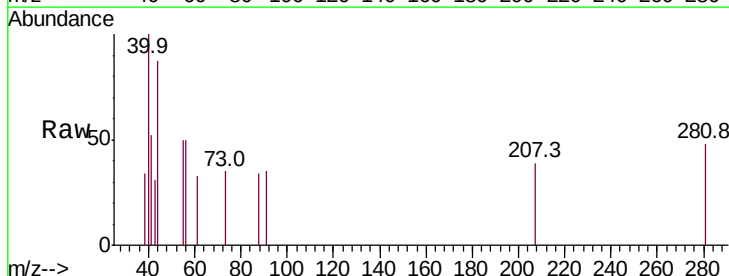


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

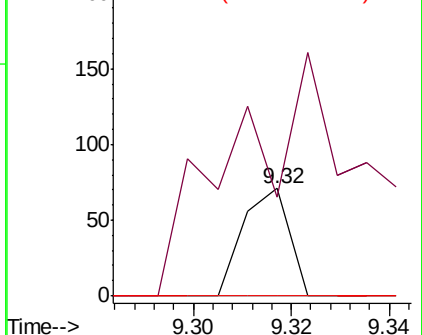
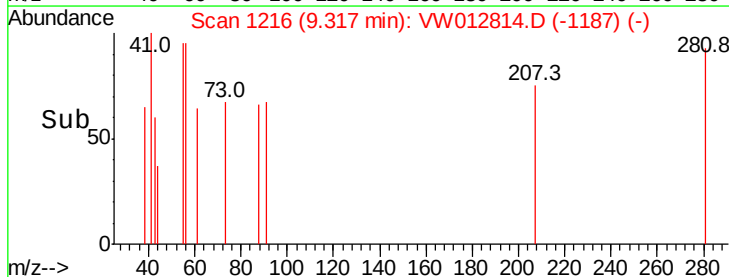


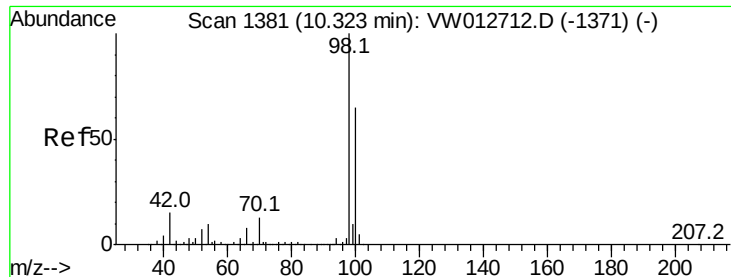
#49
1,4-Dioxane
Concen: 2.085 ug/l
RT: 9.32 min Scan# 1216
Delta R.T. -0.12 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

Tgt Ion:	88	Resp:	46
Ion	Ratio	Lower	Upper
88	100		
43	597.8	34.8	52.2#
58	0.0	64.1	96.1#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

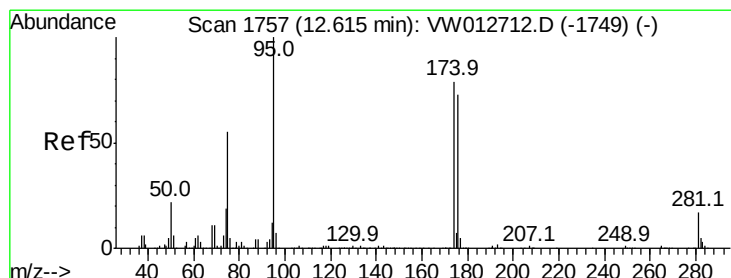
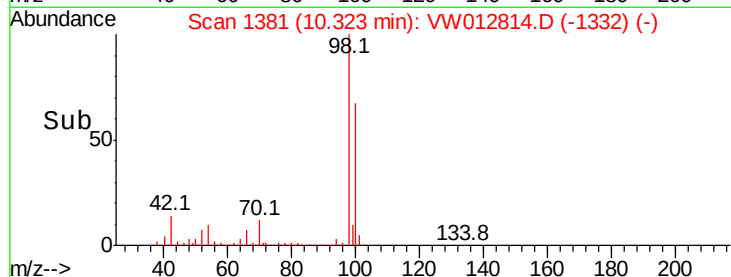
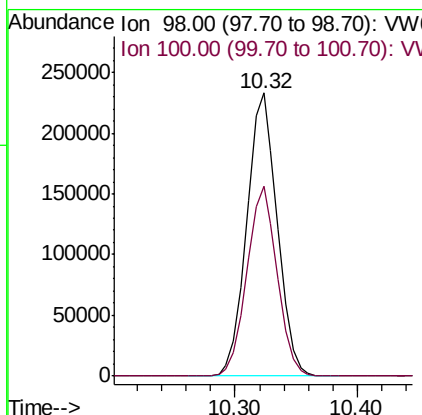
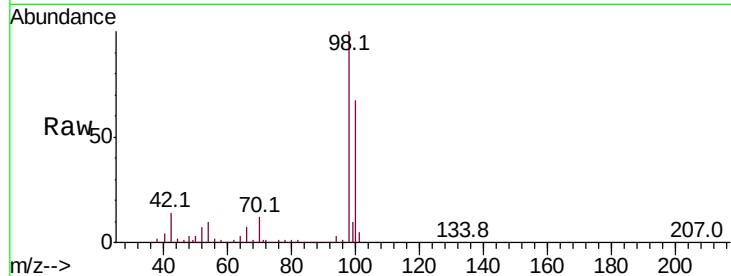




#50
Toluene-d8
Concen: 50.160 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

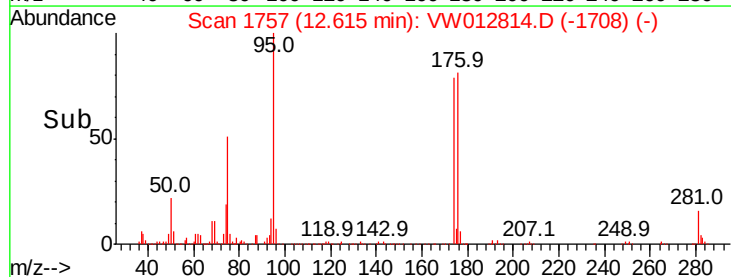
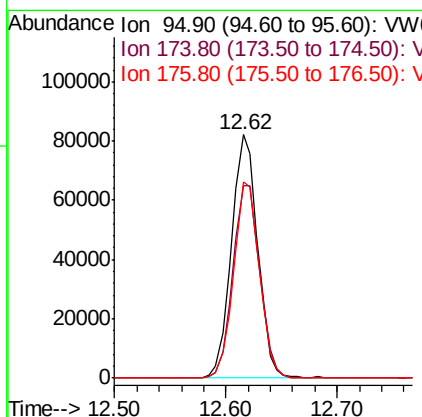
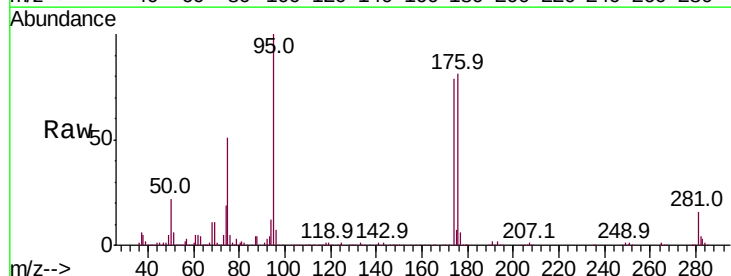
Instrument :
MSVOA_W
ClientSampleId :

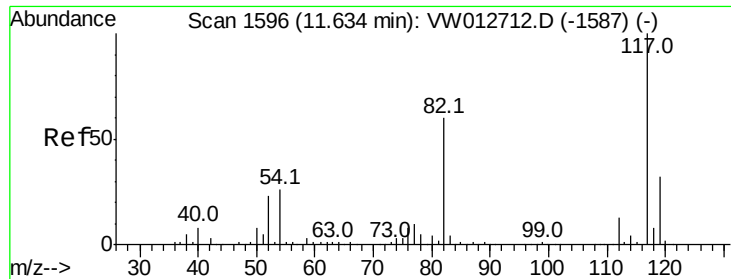
Tot Ion: 98 Resp: 402960
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.023 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

Tgt Ion: 95 Resp: 134222
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.0
176 78.9 0.0 156.4

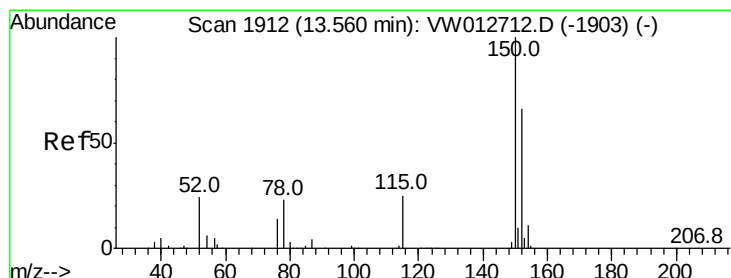
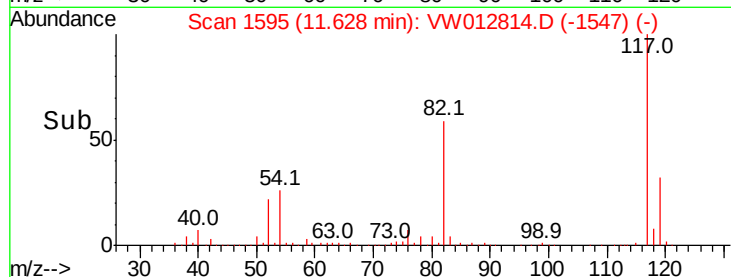
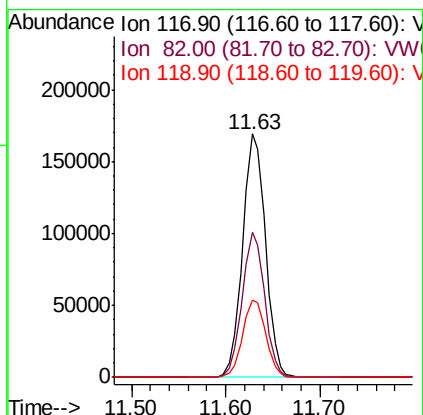
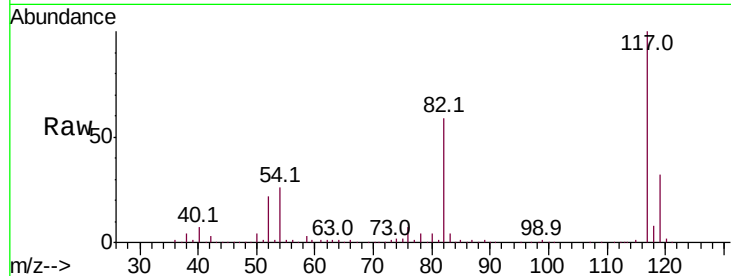




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

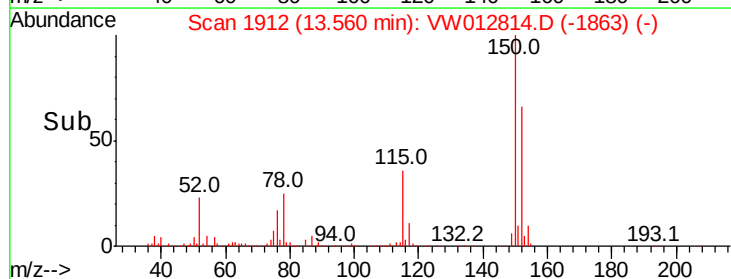
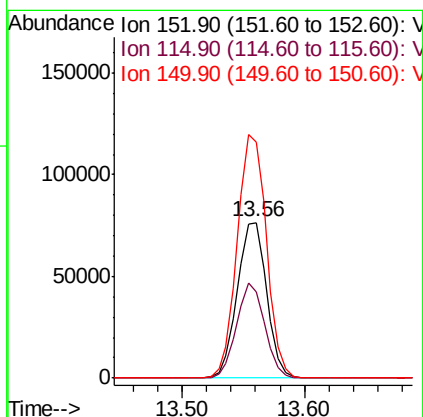
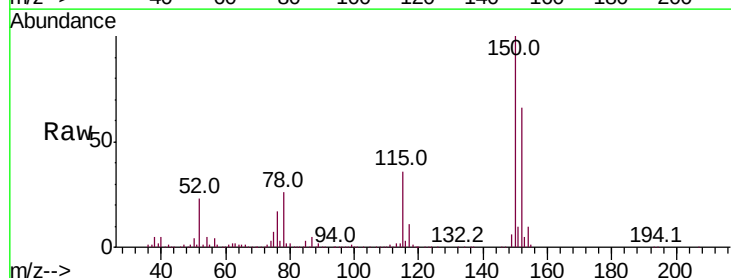
Instrument :
MSVOA_W
ClientSampled :

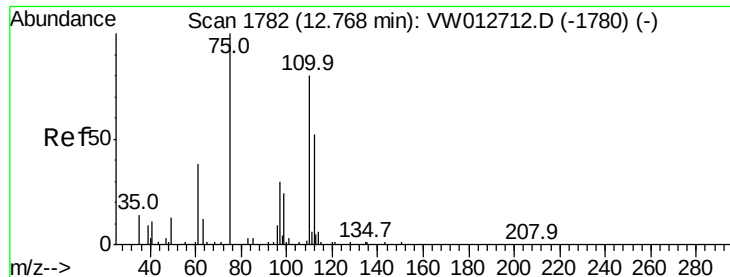
Tot Ion:117 Resp: 285387
Ion Ratio Lower Upper
117 100
82 59.5 48.2 72.4
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012814.D
Acq: 09 Sep 2019 11:55

Tgt Ion:152 Resp: 127155
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.1
150 155.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 53.573 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

Instrument :

MSVOA_W

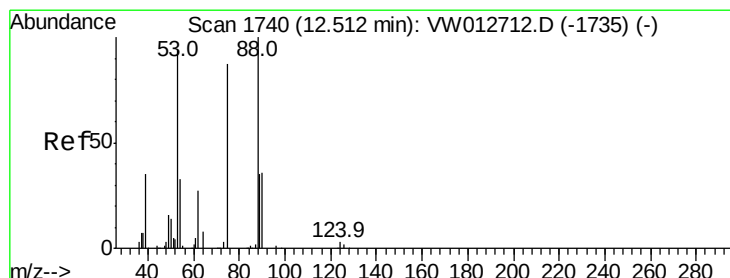
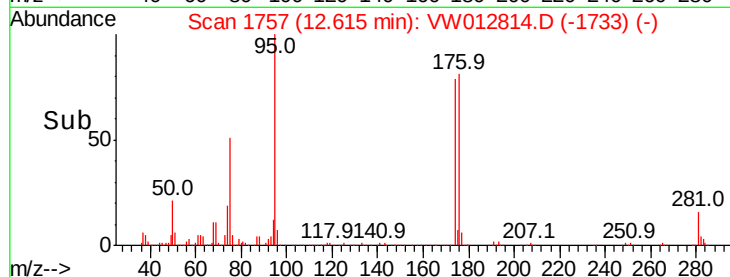
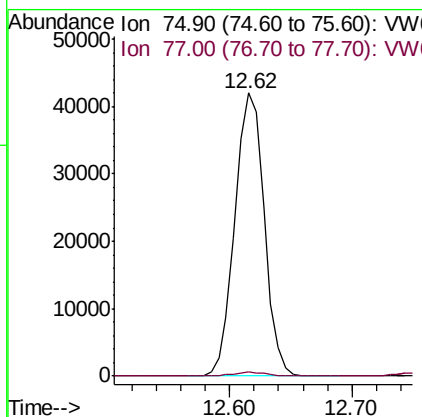
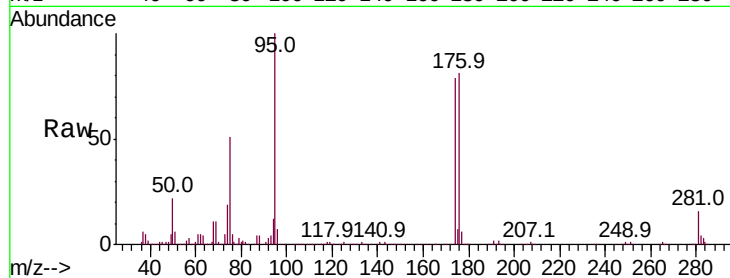
ClientSampleId :

Tot Ion: 75 Resp: 69657

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.311 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012814.D

Acq: 09 Sep 2019 11:55

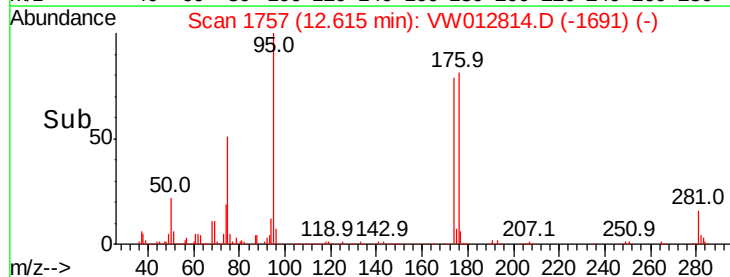
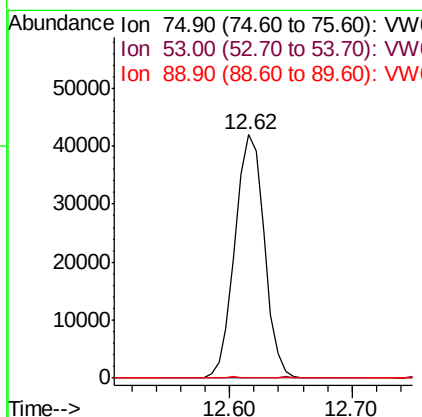
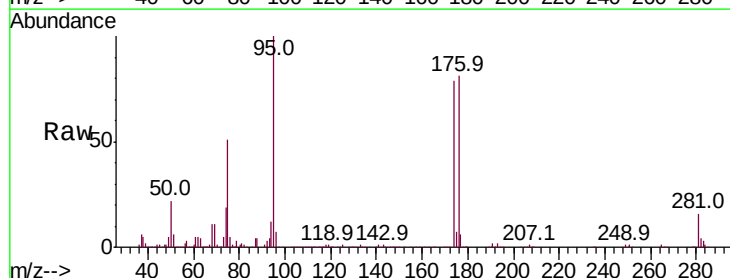
Tgt Ion: 75 Resp: 69657

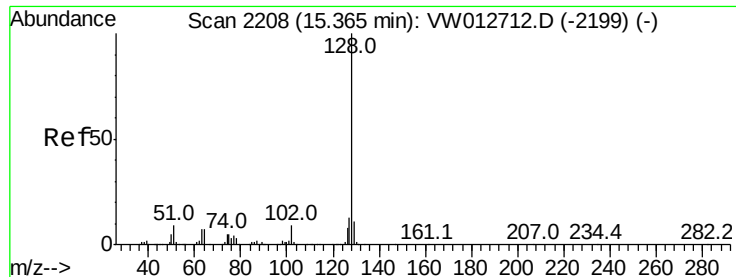
Ion Ratio Lower Upper

75 100

53 0.4 87.6 131.4#

89 0.4 35.5 53.3#

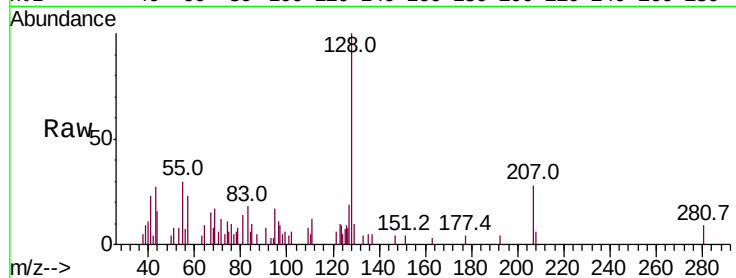




#95
 Naphthalene
 Concen: 4.975 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW012814.D
 Acq: 09 Sep 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	23.4	10.7	16.1#
129	9.6	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

