

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012998.D
 Acq On : 14 Sep 2019 17:13
 Operator : SY/VA
 Sample : K4852-11
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	289195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176107	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	157052	58.80	ug/l	0.00
Spiked Amount			Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	129760	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
50) Toluene-d8	10.32	98	527092	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.62	95	222695	65.04	ug/l	0.00
Spiked Amount			Recovery	=	130.08%	

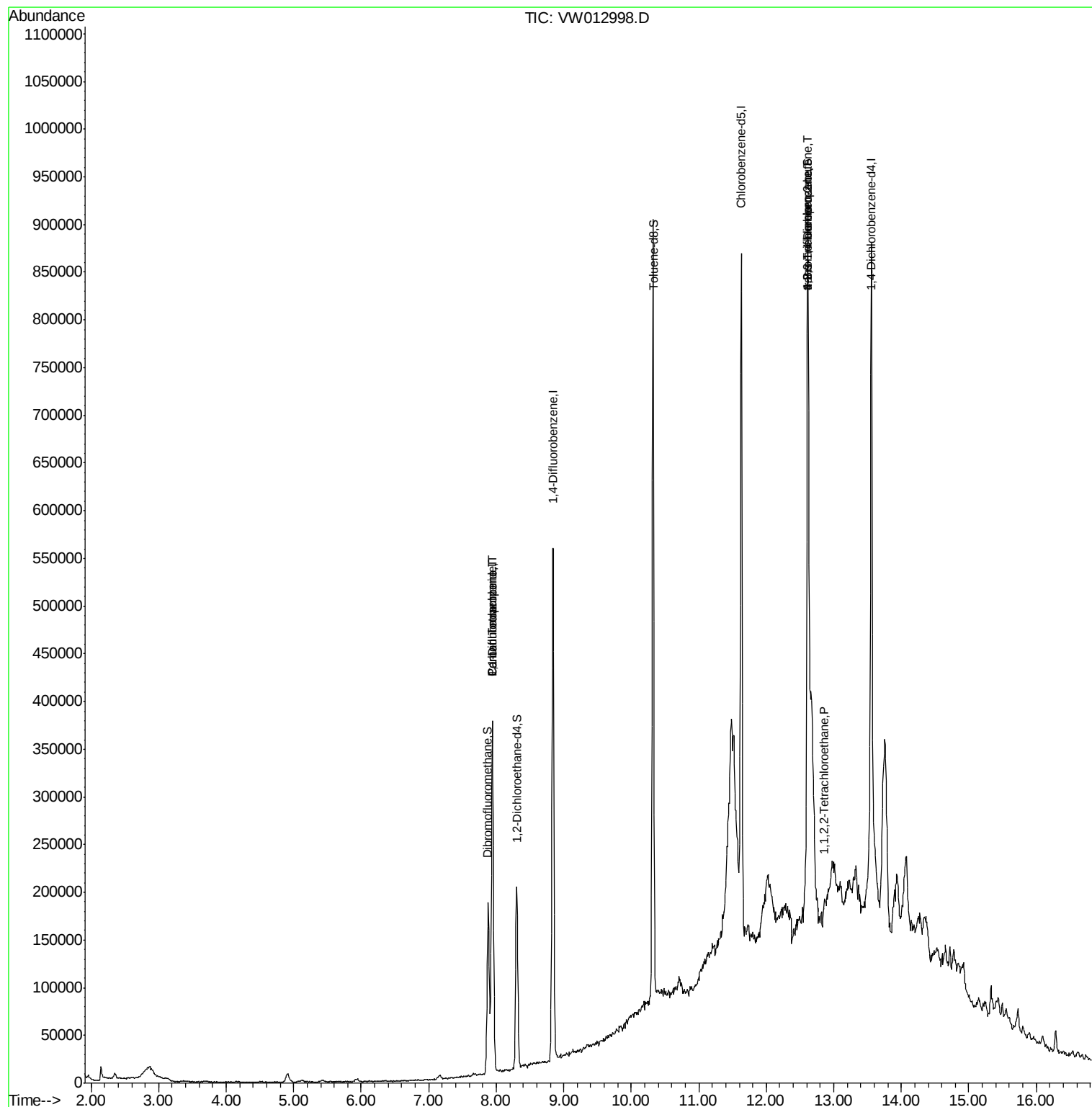
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	317	Below Cal	#	1
11) Tert butyl alcohol	5.18	59	168	Below Cal	#	11
13) Acrolein	3.85	56	22	Below Cal	#	1
16) Acetone	4.10	43	109	Below Cal	#	47
20) Methylene Chloride	4.91	84	6497	Below Cal		96
26) 2,2-Dichloropropane	7.15	77	381	Below Cal		85
31) Cyclohexane	7.94	56	6622	Below Cal	#	5
36) 1,1-Dichloropropene	7.94	75	21468	5.990	ug/l #	53
38) Carbon Tetrachloride	7.94	117	27640	7.526	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.87	83	3279	1.599	ug/l	73
76) 1,2,3-Trichloropropane	12.62	75	90797	58.861	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90797	133.526	ug/l #	7

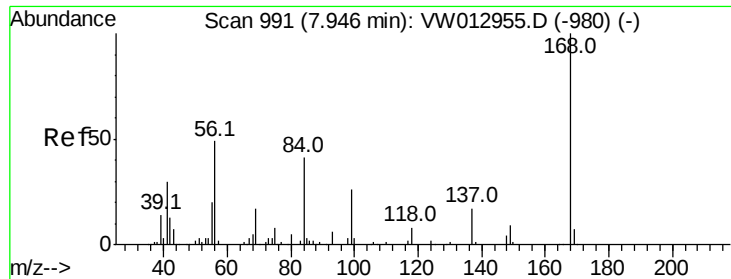
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW012998.D
Acq On : 14 Sep 2019 17:13
Operator : SY/VA
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MSVOA_W
ClientSampleId :

Quant Time: Sep 16 06:53:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

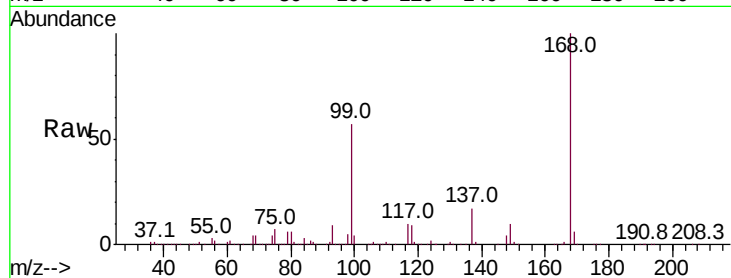
ClientSampled :

Tot Ion:168 Resp: 289195

Ion Ratio Lower Upper

168 100

99 56.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

150000

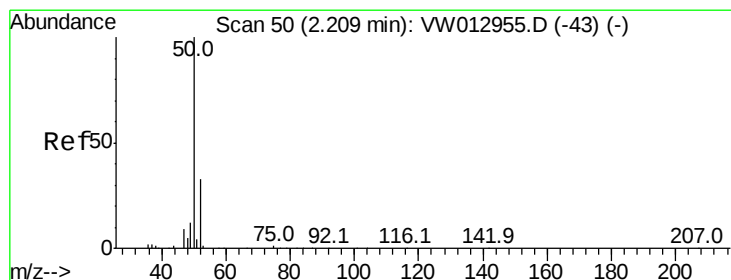
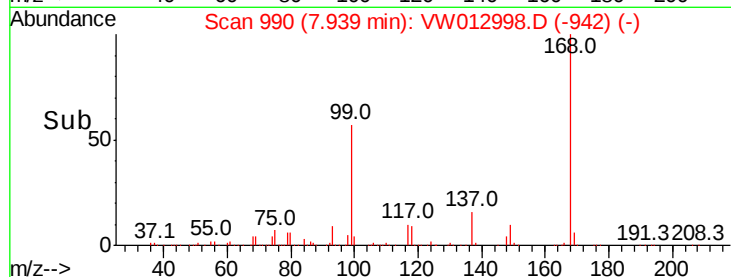
100000

50000

0

7.90 8.00

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012998.D

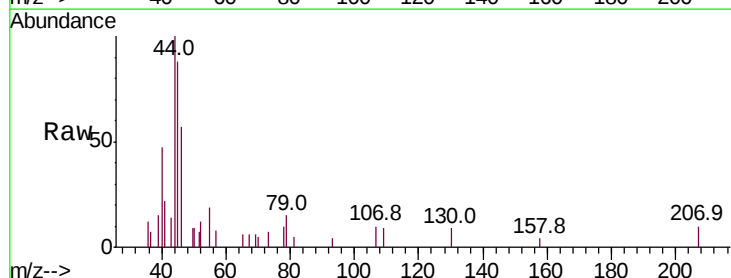
Acq: 14 Sep 2019 17:13

Tgt Ion: 50 Resp: 317

Ion Ratio Lower Upper

50 100

52 104.8 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

250

200

150

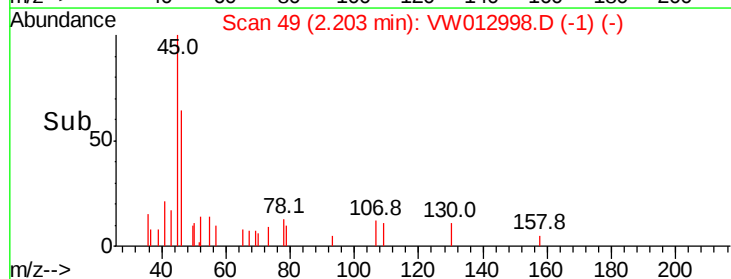
100

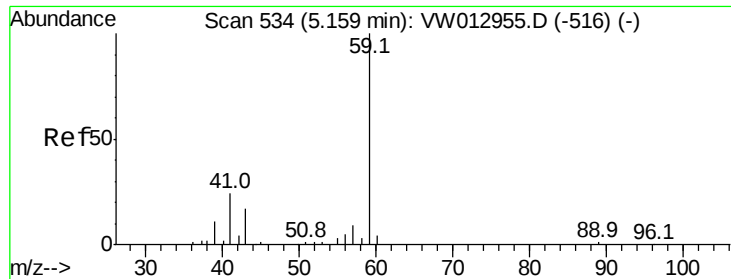
50

0

2.16 2.18 2.20 2.22

Time-->

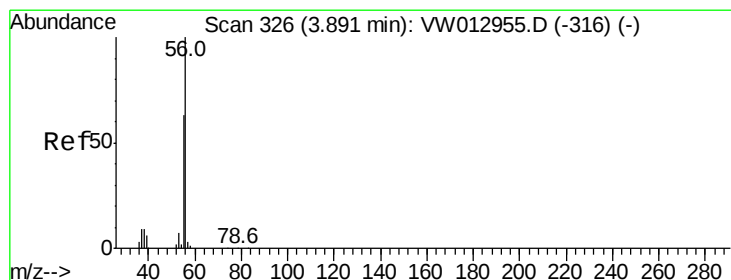
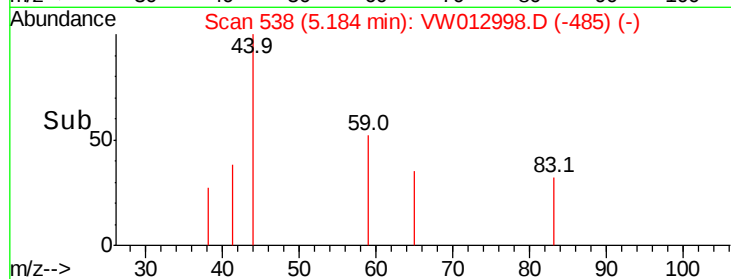
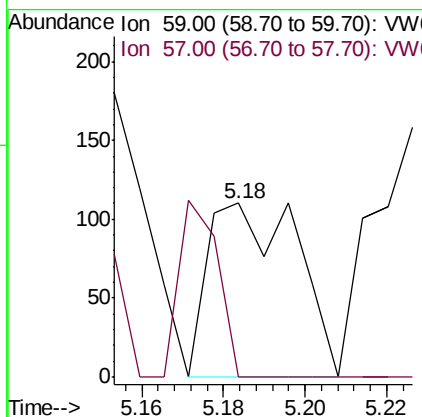
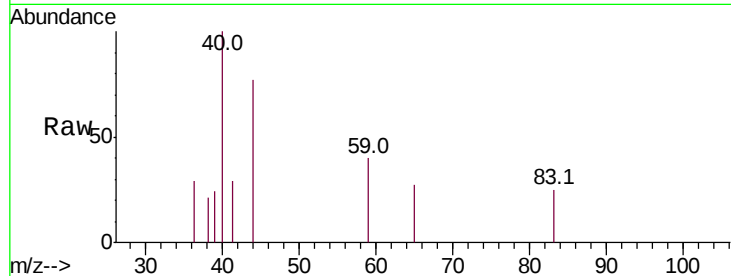




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

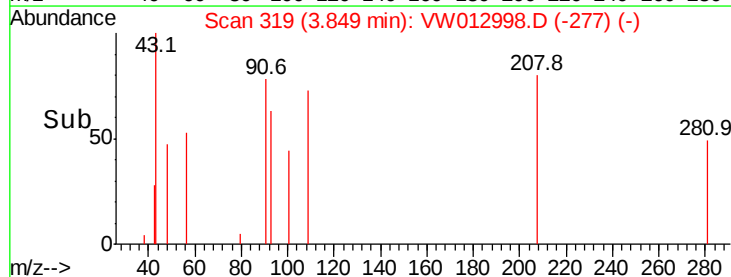
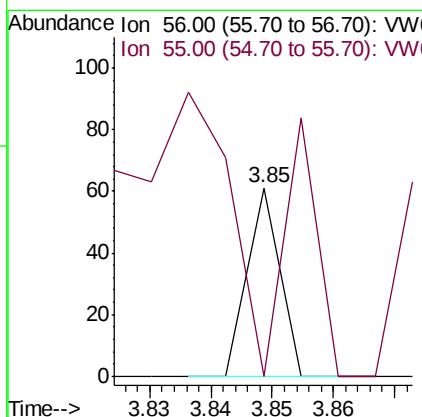
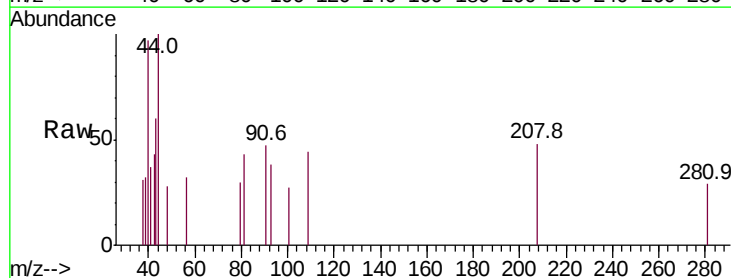
Instrument :
MSVOA_W
ClientSampled :

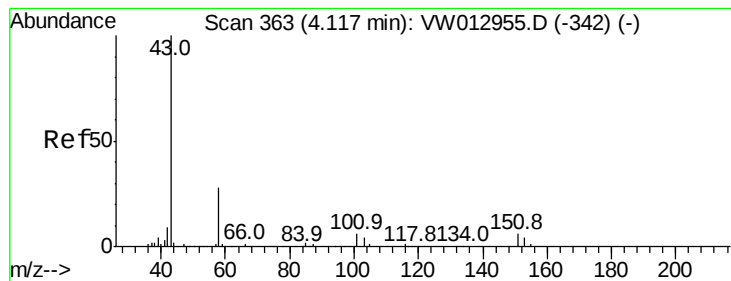
Tot Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 44.0 8.5 12.7#



#13
Acrolein
Concen: Below Cal
RT: 3.85 min Scan# 319
Delta R.T. -0.04 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 1036.4 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 4.10 min Scan# 361

Delta R.T. -0.01 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

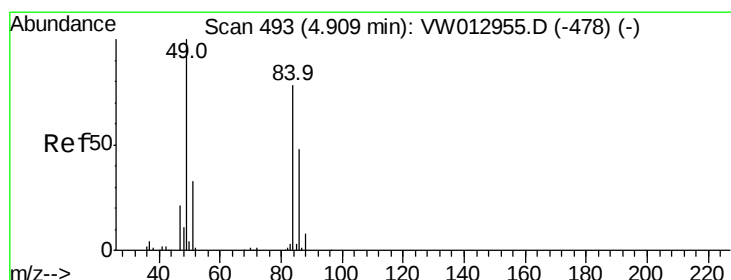
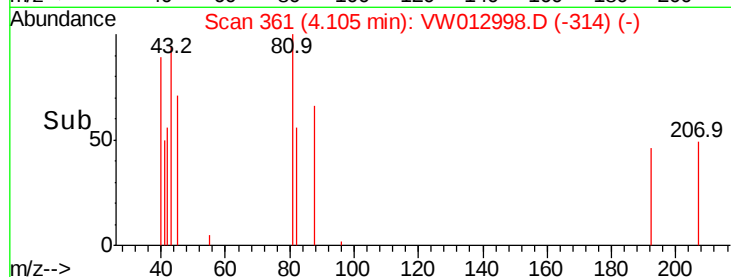
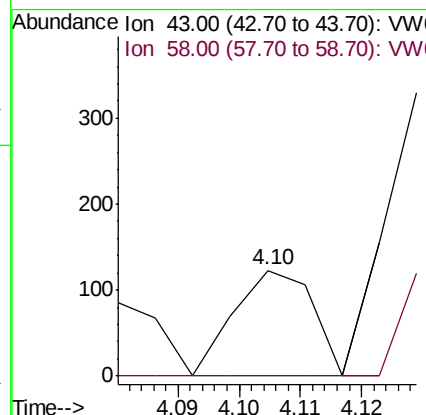
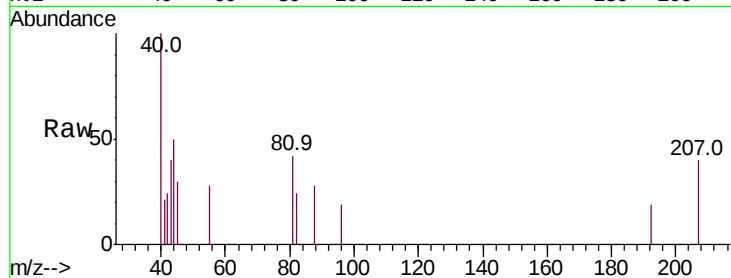
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Tgt Ion: 84 Resp: 6497

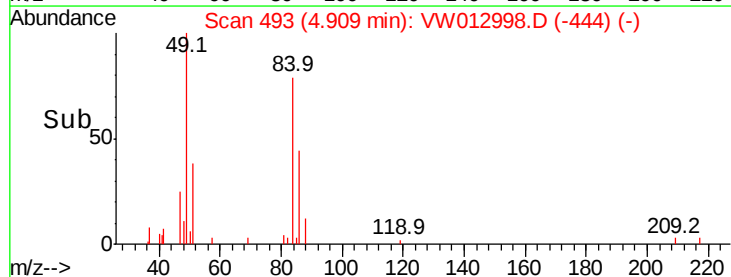
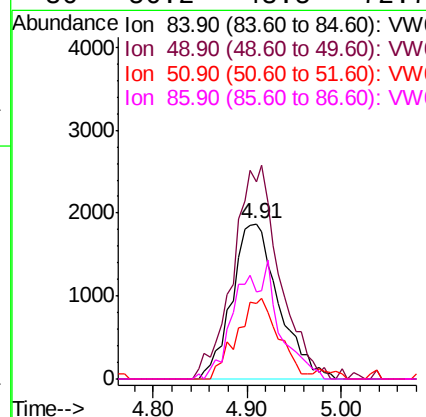
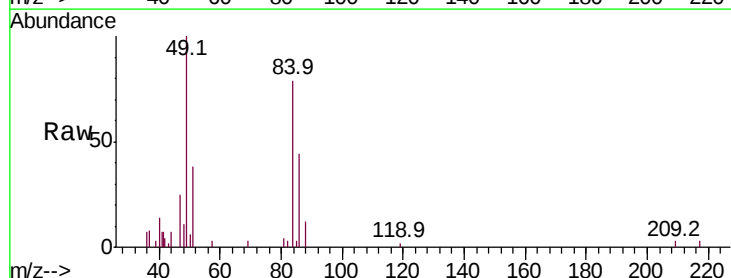
Ion Ratio Lower Upper

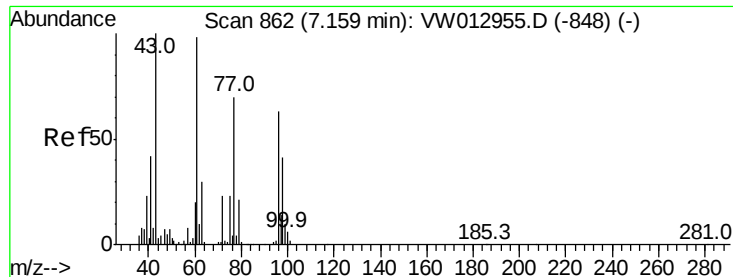
84 100

49 126.9 102.0 153.0

51 48.8 34.0 51.0

86 56.2 48.5 72.7

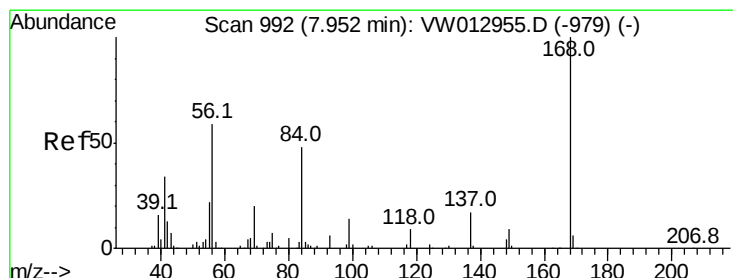
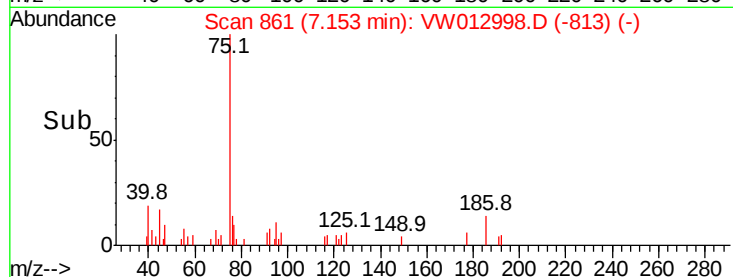
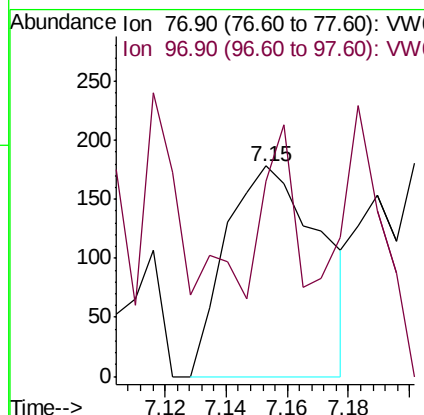
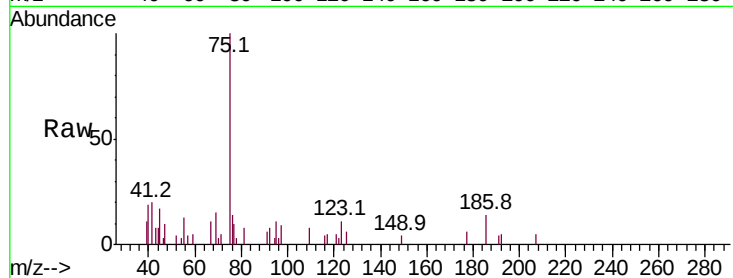




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

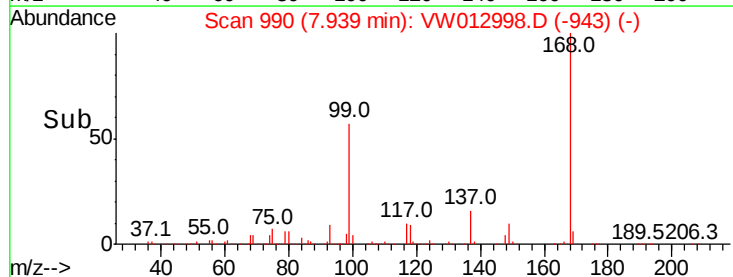
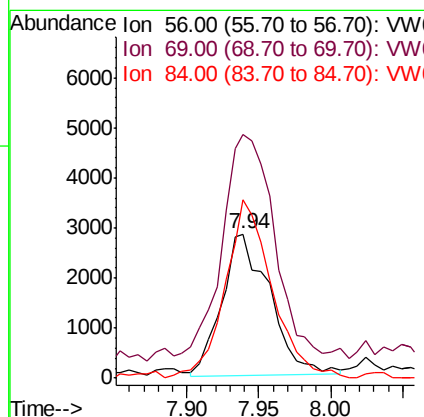
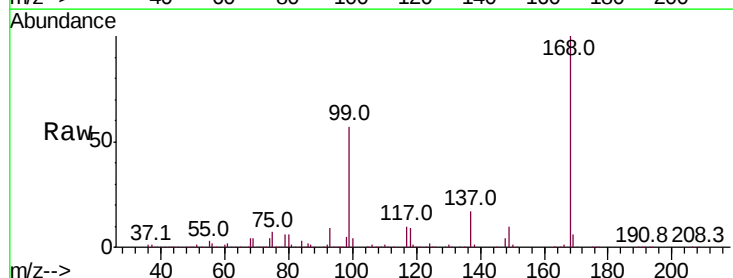
Instrument :
MSVOA_W
ClientSampled :

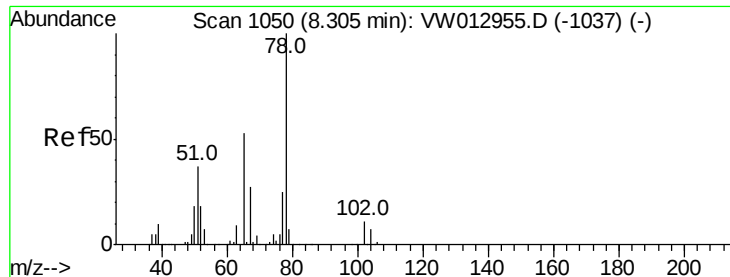
Tot Ion: 77 Resp: 381
Ion Ratio Lower Upper
77 100
97 28.6 10.7 32.1



#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion: 56 Resp: 6622
Ion Ratio Lower Upper
56 100
69 154.1 27.0 40.6#
84 125.9 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 58.801 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

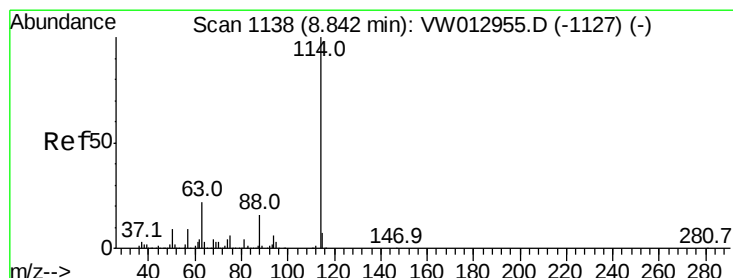
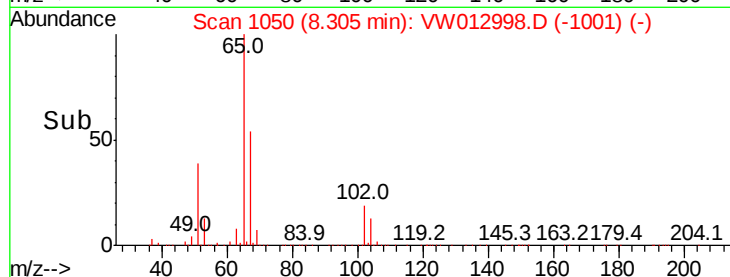
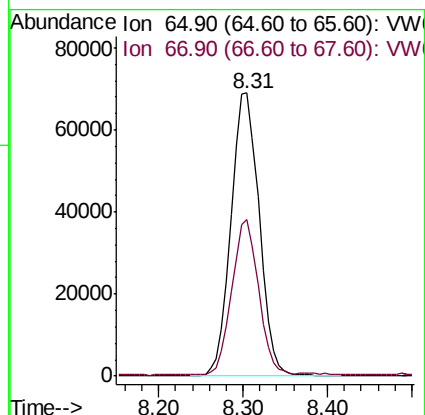
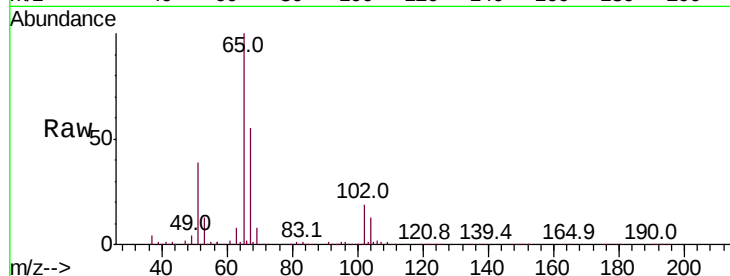
ClientSampleId :

Tot Ion: 65 Resp: 157052

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

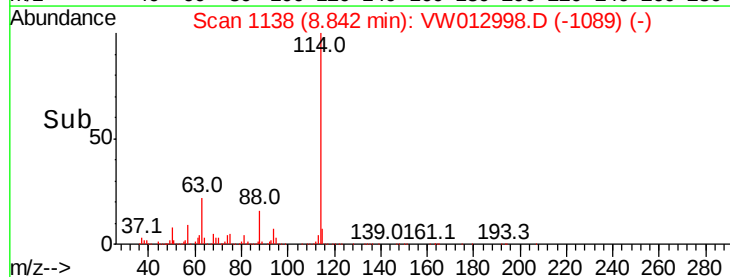
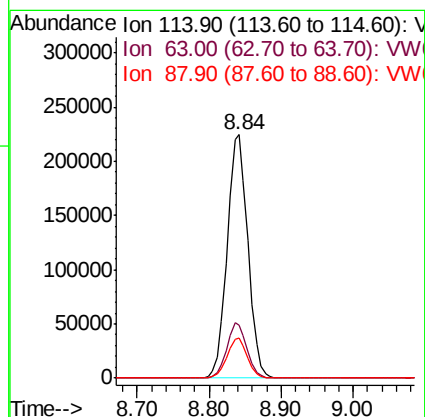
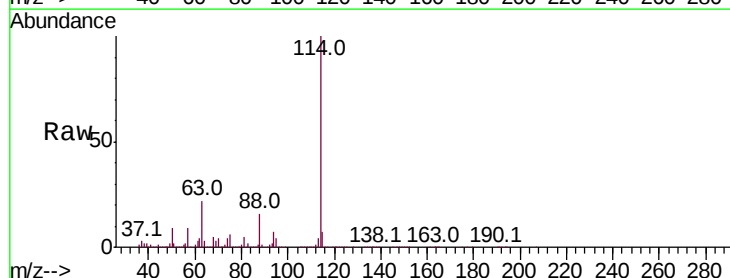
Tgt Ion: 114 Resp: 448477

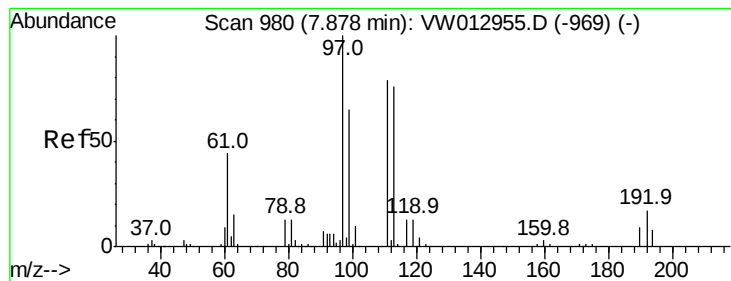
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.323 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

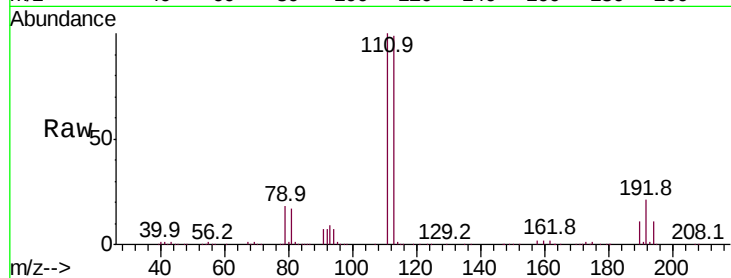
Tot Ion:113 Resp: 129760

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

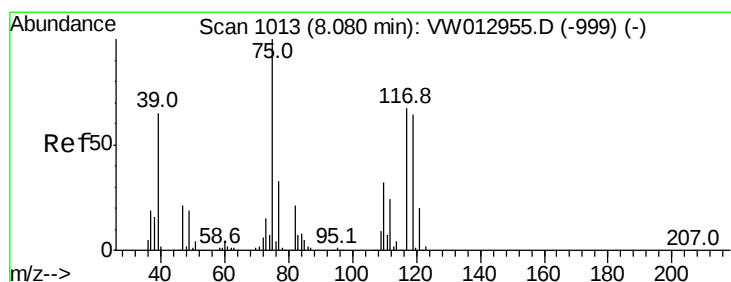
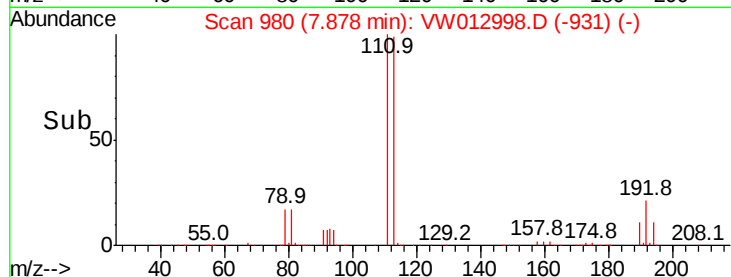
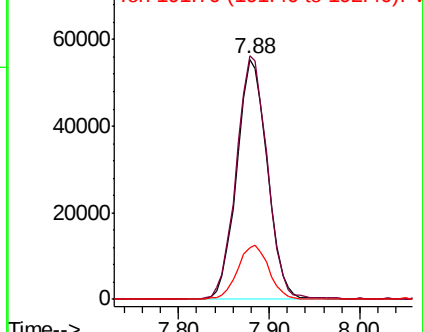
192 22.7 17.8 26.8



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: 5.990 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

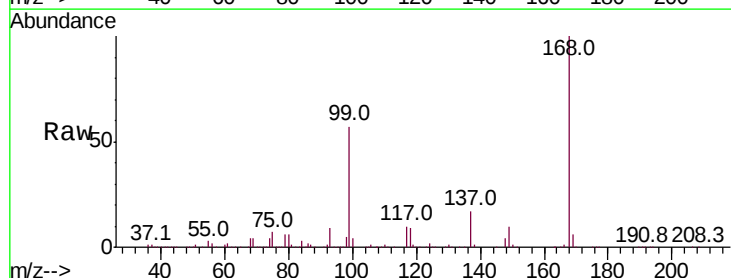
Tgt Ion: 75 Resp: 21468

Ion Ratio Lower Upper

75 100

110 11.3 16.4 49.1#

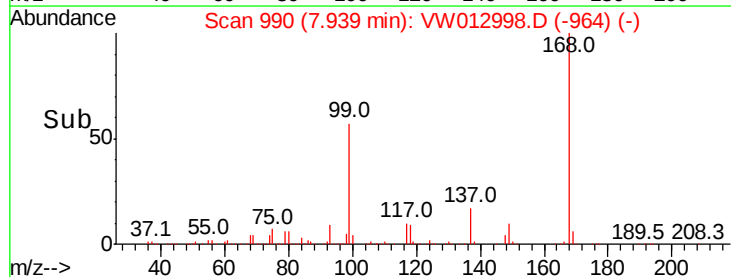
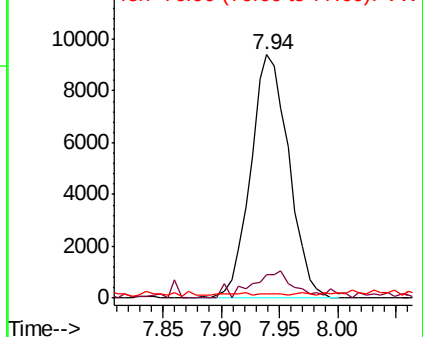
77 0.0 25.1 37.7#

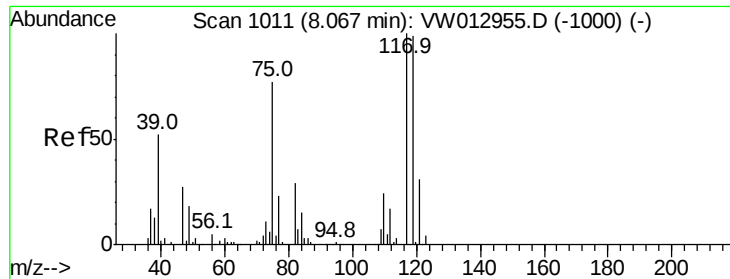


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.526 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

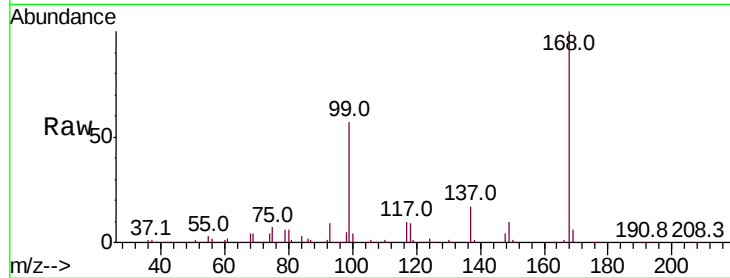
Tot Ion:117 Resp: 27640

Ion Ratio Lower Upper

117 100

119 5.7 79.4 119.0#

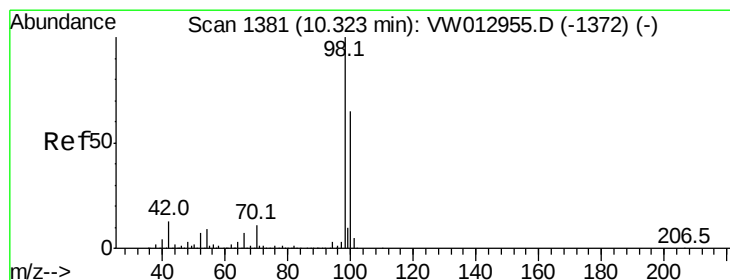
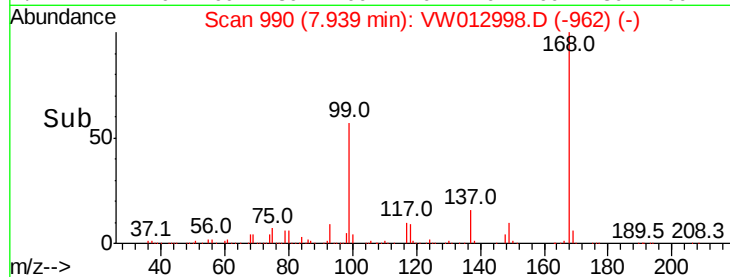
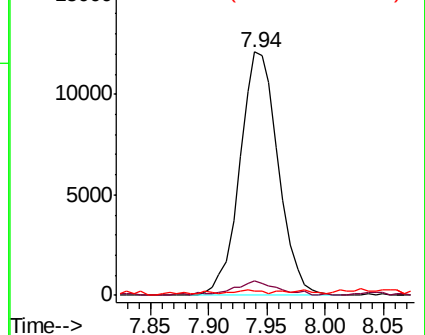
121 1.2 24.6 36.8#



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



#50

Toluene-d8

Concen: 55.352 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012998.D

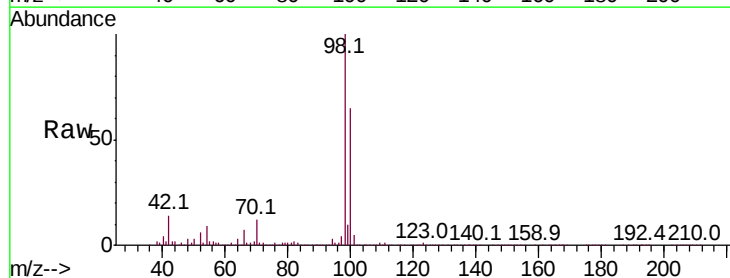
Acq: 14 Sep 2019 17:13

Tgt Ion: 98 Resp: 527092

Ion Ratio Lower Upper

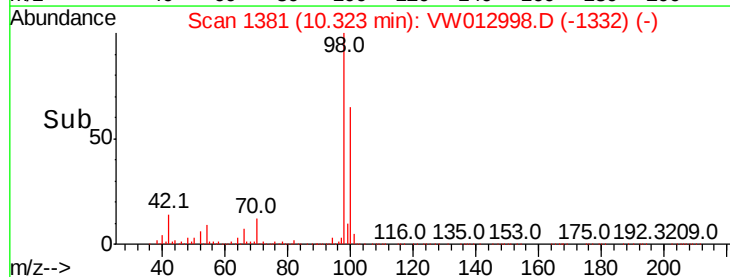
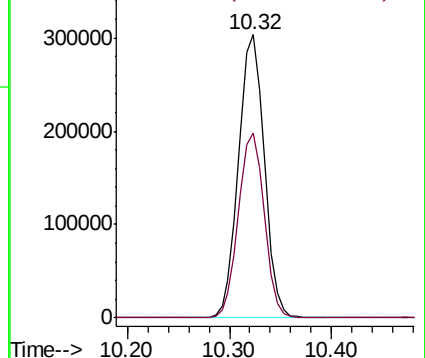
98 100

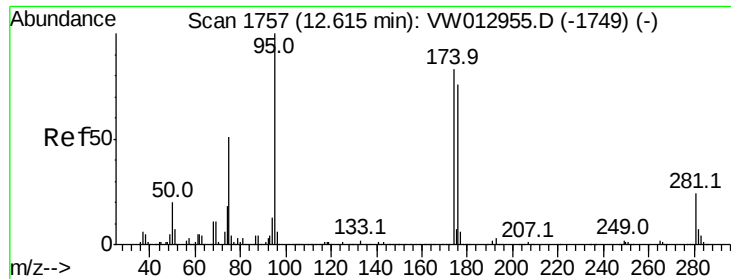
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

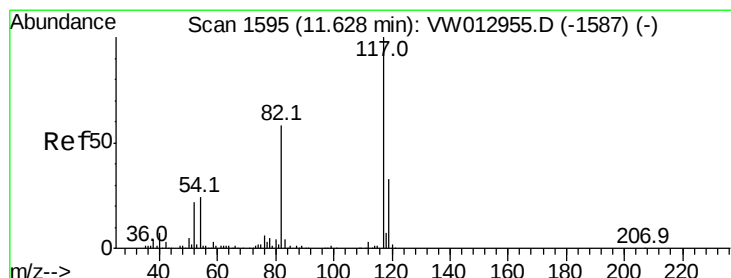
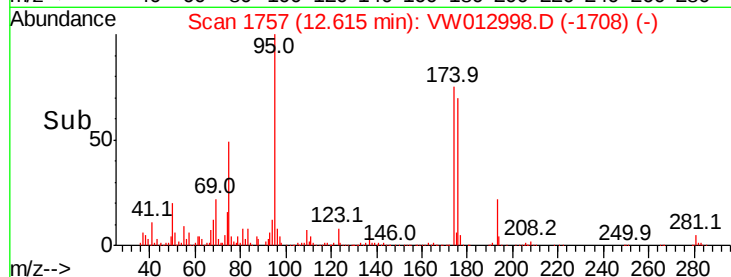
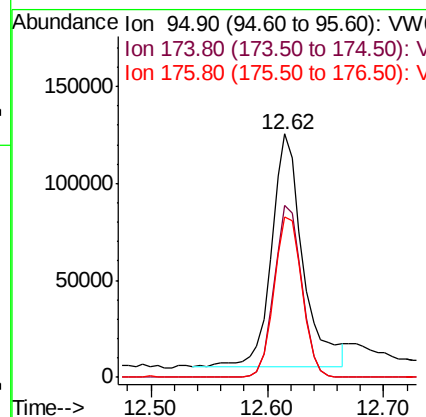
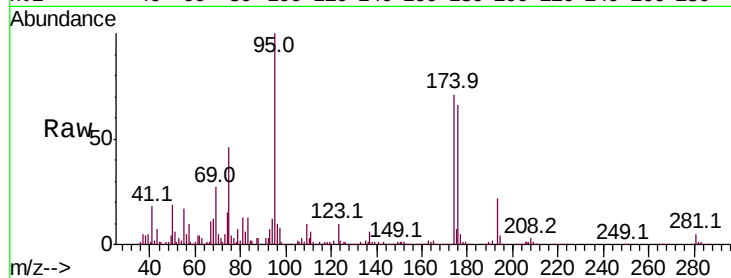




#62
4-Bromofluorobenzene
Concen: 65.038 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

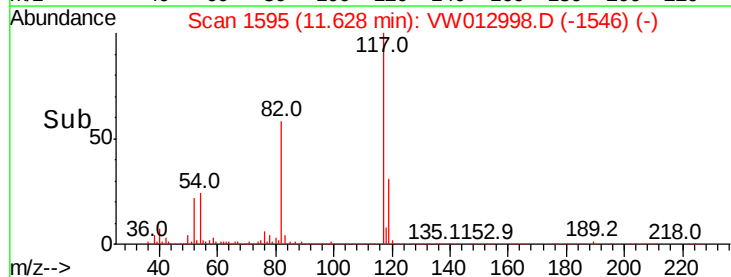
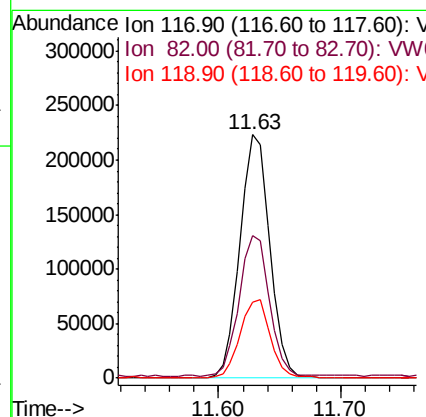
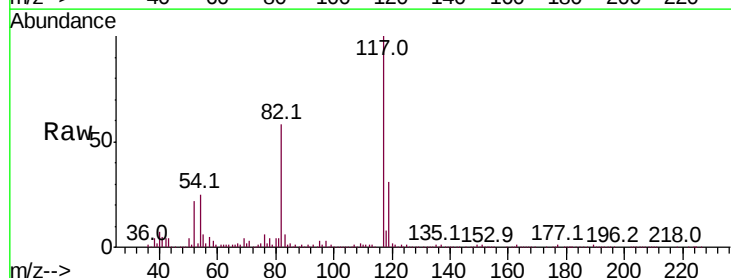
Instrument :
MSVOA_W
ClientSampleId :

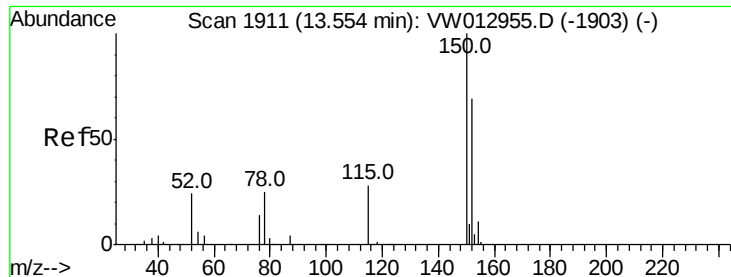
Tot Ion	Ratio	Lower	Upper
95	100		
174	65.2	0.0	170.4
176	61.8	0.0	164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.3	69.5
119	31.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

Instrument :

MSVOA_W

ClientSampled :

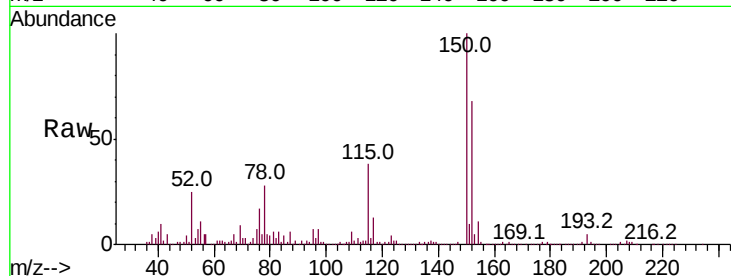
Tot Ion:152 Resp: 176107

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.4

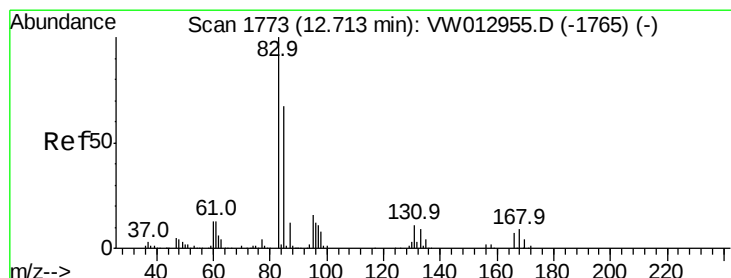
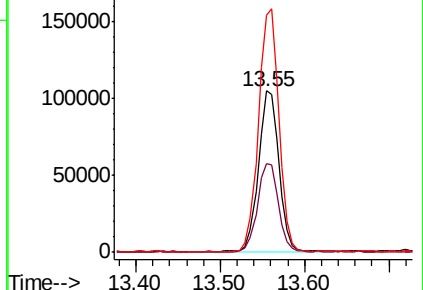
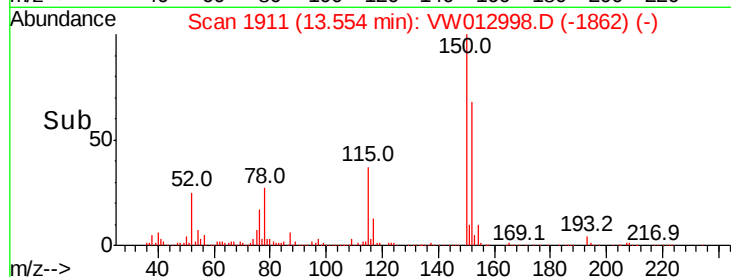
150 148.0 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: 1.599 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.15 min

Lab File: VW012998.D

Acq: 14 Sep 2019 17:13

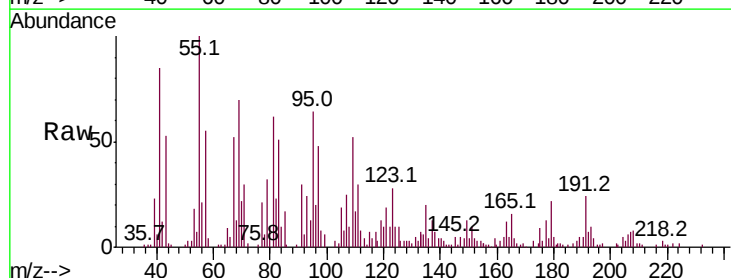
Tgt Ion: 83 Resp: 3279

Ion Ratio Lower Upper

83 100

131 7.2 5.7 17.1

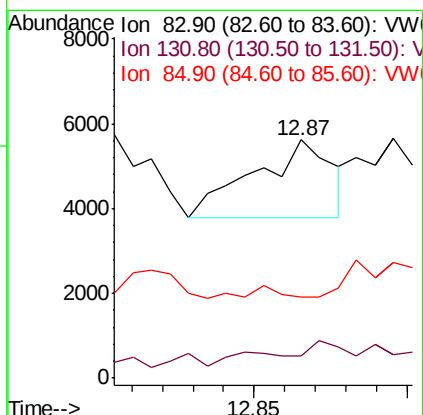
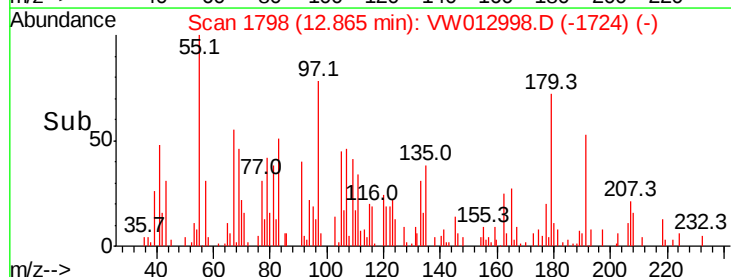
85 40.2 31.4 94.3

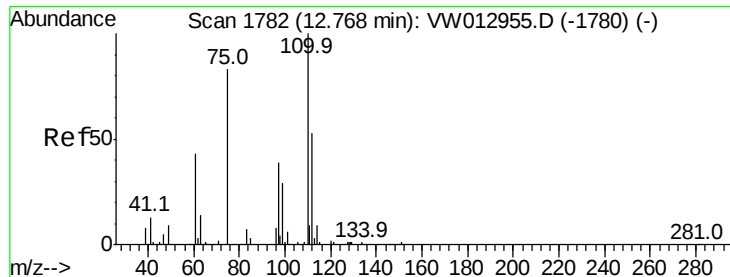


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



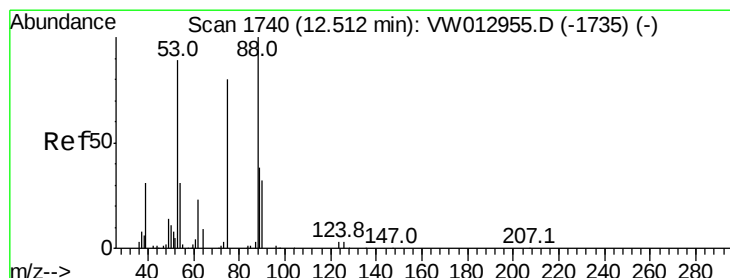
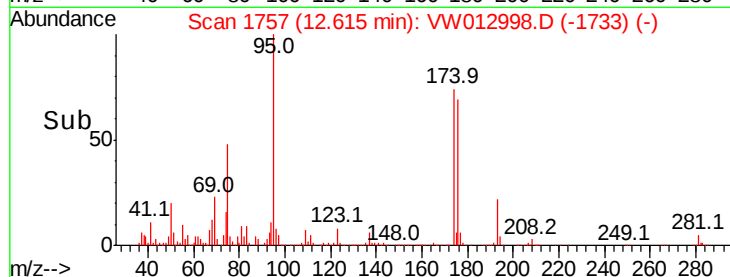
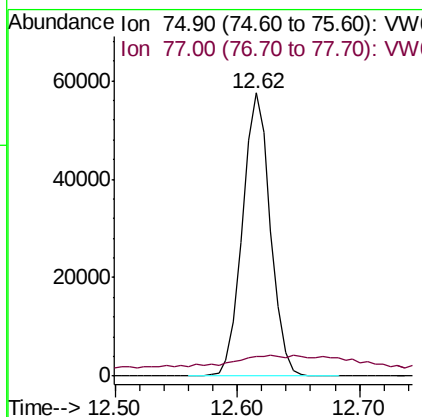
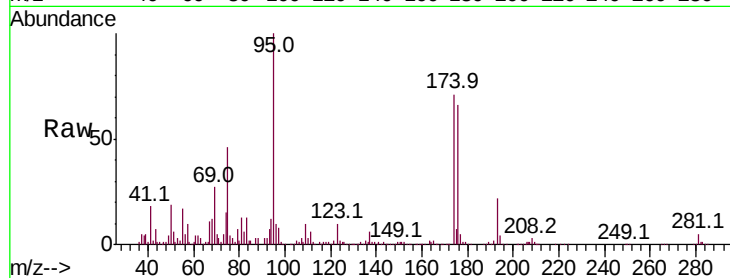


#76

1,2,3-Trichloropropane
Concen: 58.861 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 90797
Ion Ratio Lower Upper
75 100
77 5.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 133.526 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012998.D
Acq: 14 Sep 2019 17:13

Tgt Ion: 75 Resp: 90797
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.2 37.2 55.8#

