

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011978.D
 Acq On : 19 Aug 2019 09:21
 Operator : SY/VA
 Sample : VW0819SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 11:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134292	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	135565	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	115140	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
50) Toluene-d8	10.32	98	472016	53.07	ug/l	0.00
Spiked Amount			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	153996	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

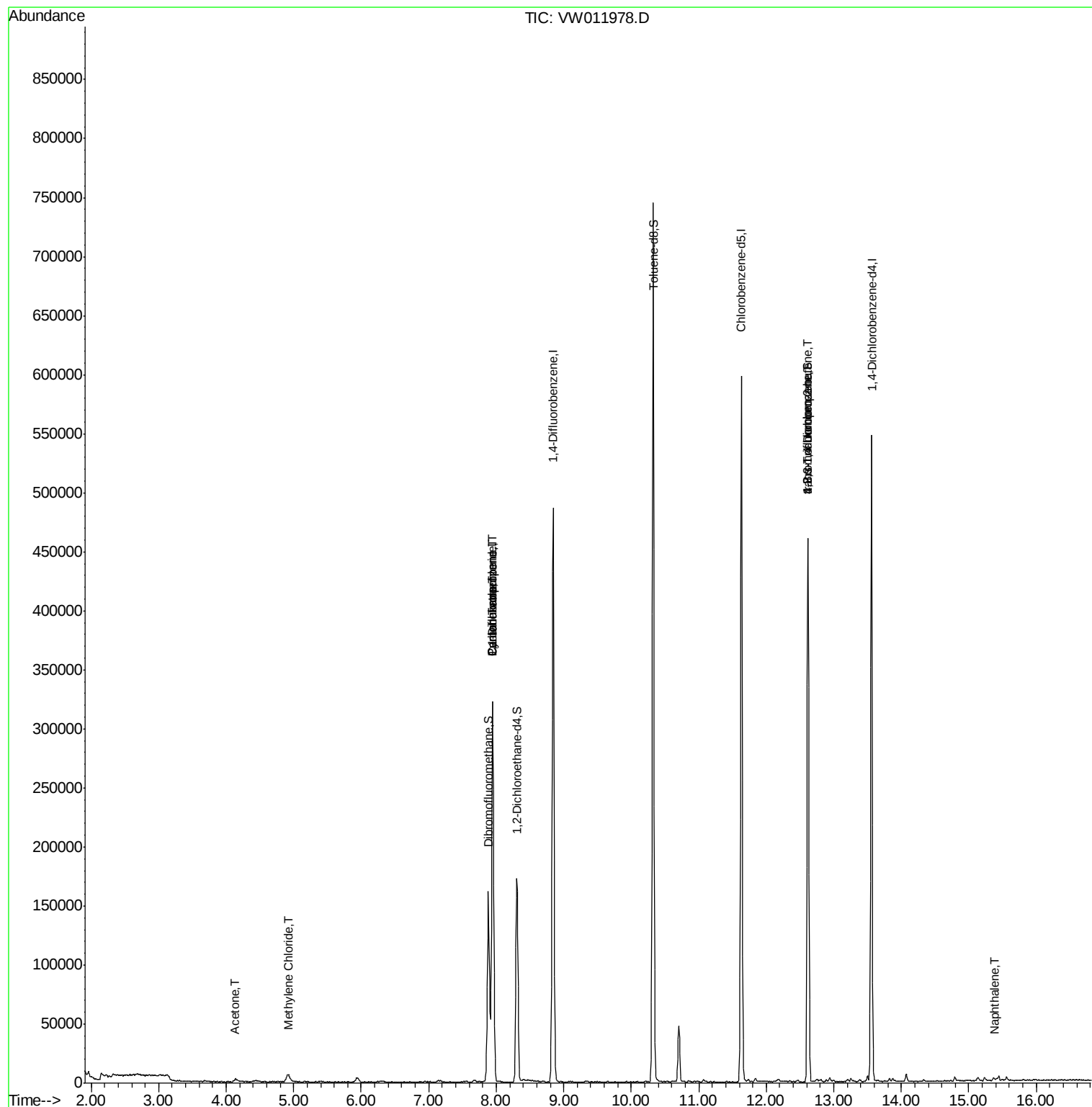
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	476	Below Cal	#	72
16) Acetone	4.14	43	6232	7.249	ug/l	91
20) Methylene Chloride	4.92	84	4842	1.633	ug/l	93
31) Cyclohexane	7.94	56	5452	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19151	4.756	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23514	6.822	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	81135	57.099	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81135	131.592	ug/l #	6
95) Naphthalene	15.38	128	1740	2.381	ug/l	97

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

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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: VW011978.D

Acq: 19 Aug 2019 09:21

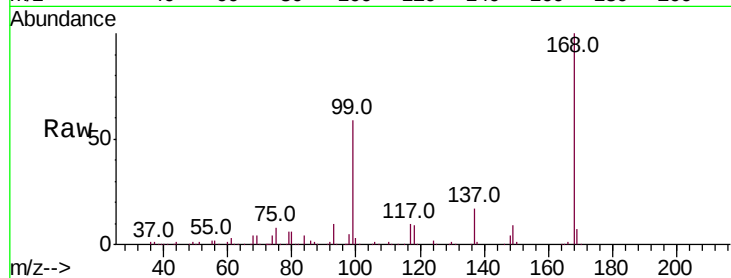
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 235370

Ion Ratio Lower Upper

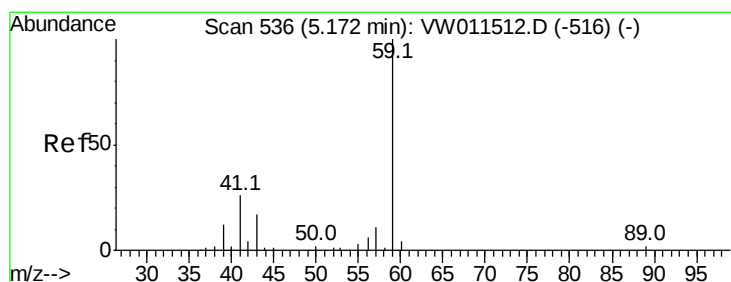
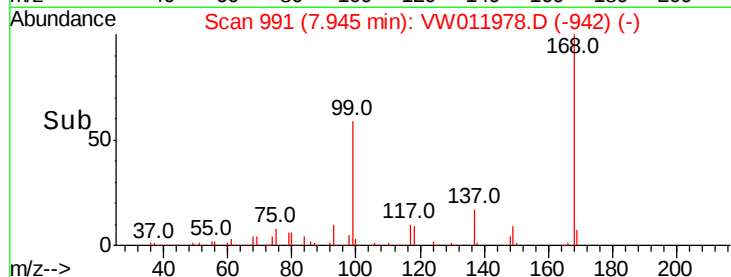
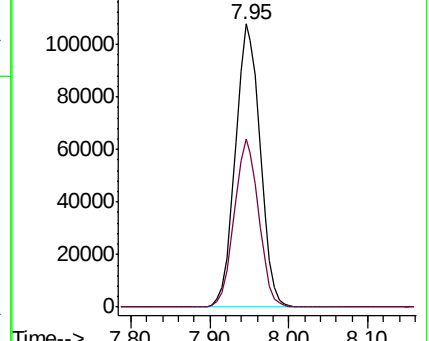
168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW011978.D

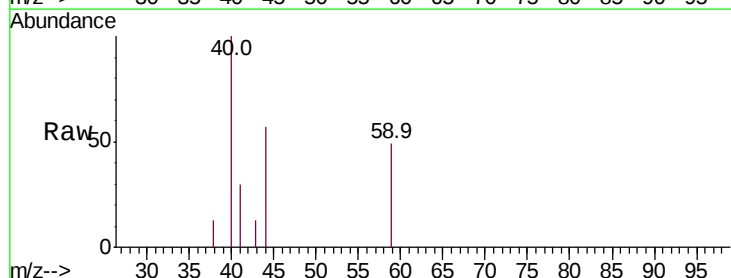
Acq: 19 Aug 2019 09:21

Tgt Ion: 59 Resp: 476

Ion Ratio Lower Upper

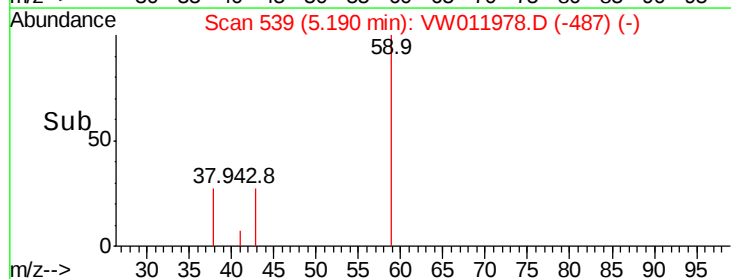
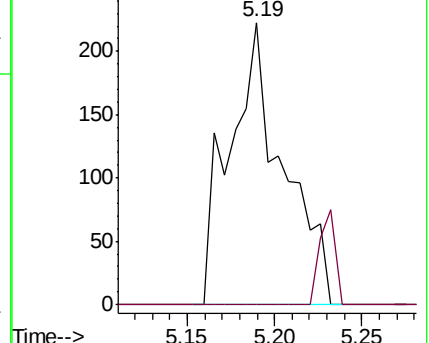
59 100

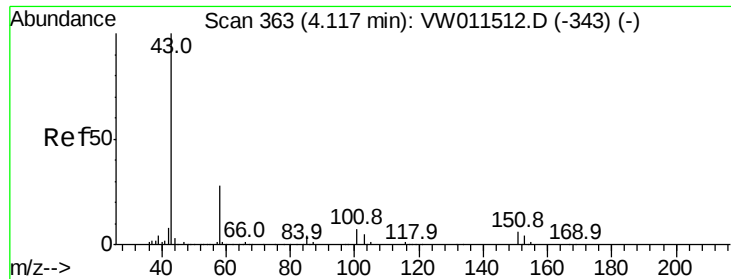
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.249 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011978.D

Acq: 19 Aug 2019 09:21

Instrument :

MSVOA_W

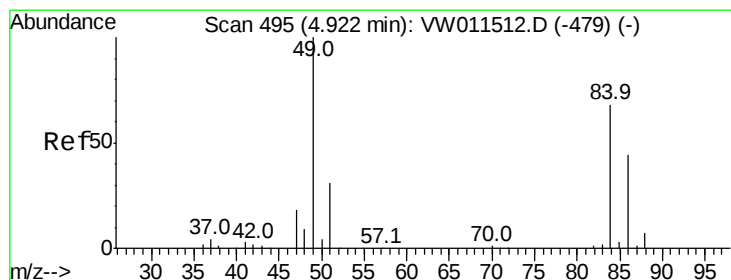
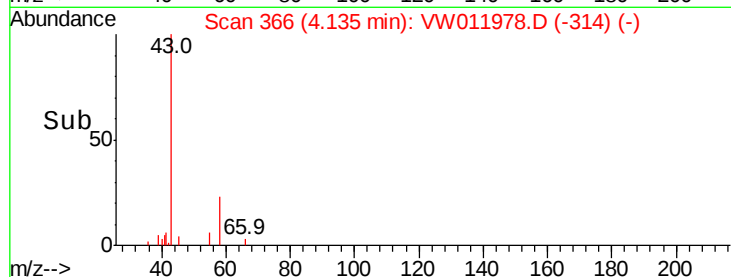
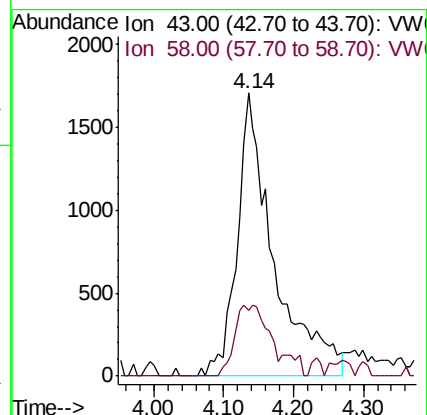
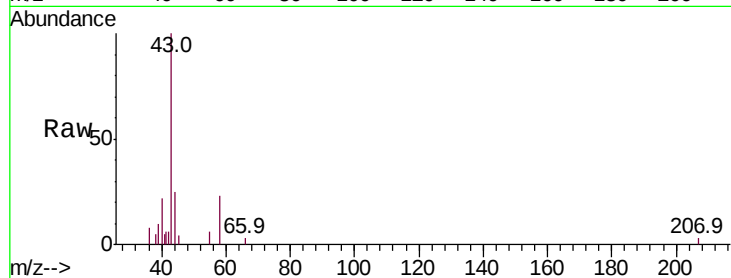
ClientSampleId :

Tot Ion: 43 Resp: 6232

Ion Ratio Lower Upper

43 100

58 23.2 22.3 33.5



#20

Methylene Chloride

Concen: 1.633 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW011978.D

Acq: 19 Aug 2019 09:21

Tgt Ion: 84 Resp: 4842

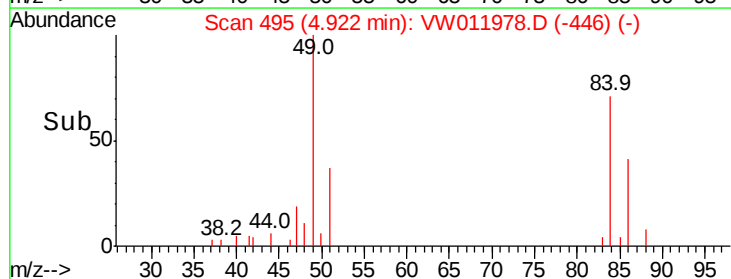
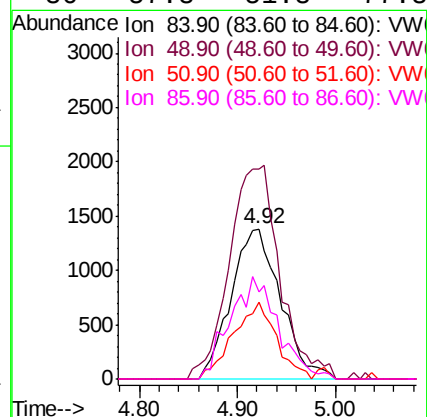
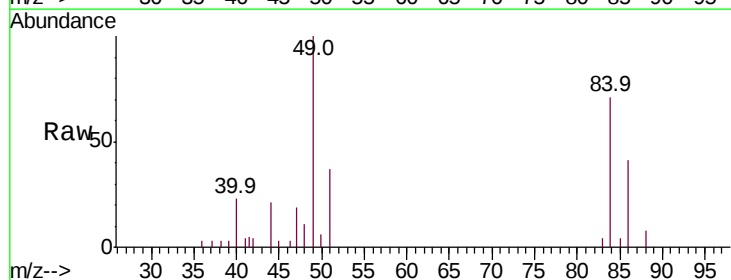
Ion Ratio Lower Upper

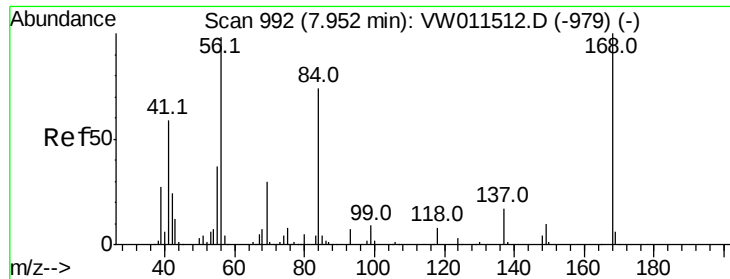
84 100

49 140.3 117.8 176.6

51 51.6 37.0 55.4

86 57.8 51.8 77.8

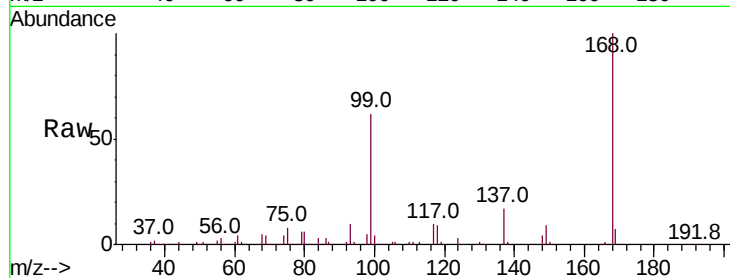




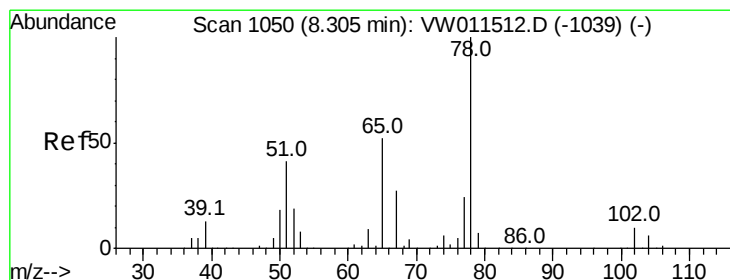
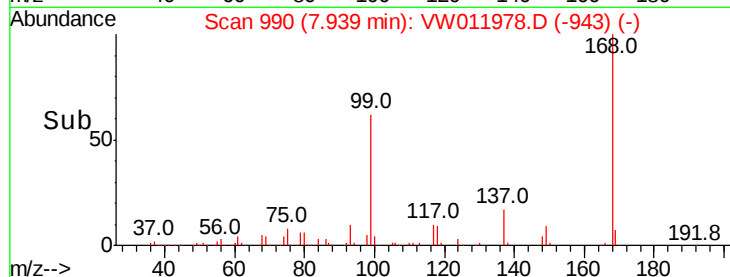
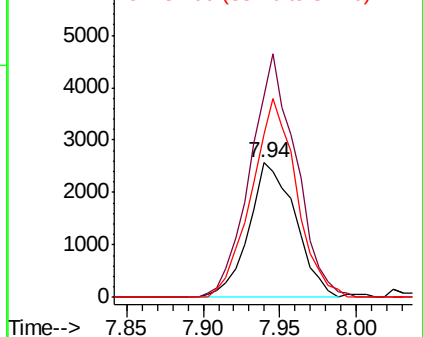
#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011978.D
Acq: 19 Aug 2019 09:21

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 5452
Ion Ratio Lower Upper
56 100
69 149.8 24.3 36.5#
84 120.6 60.4 90.6#

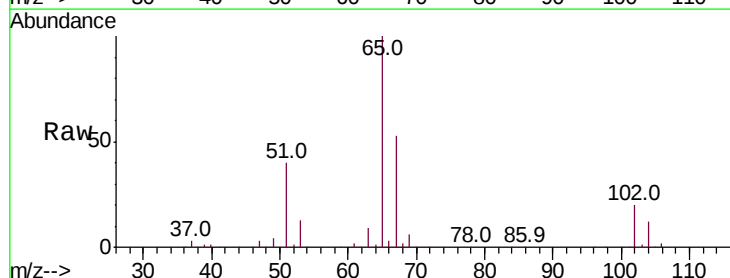


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

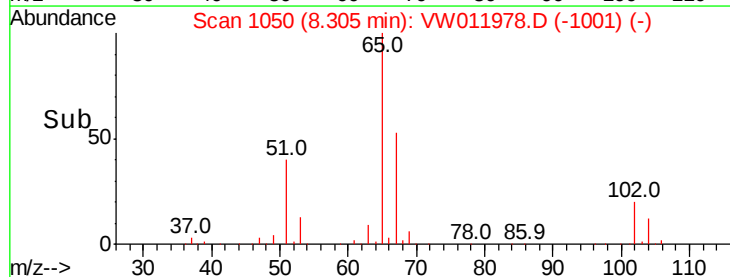
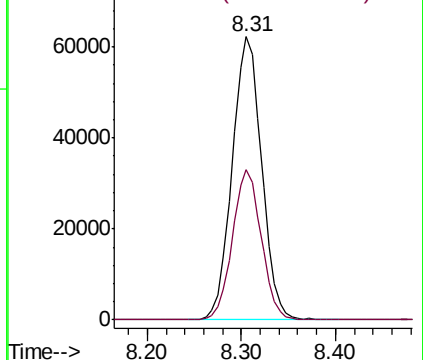


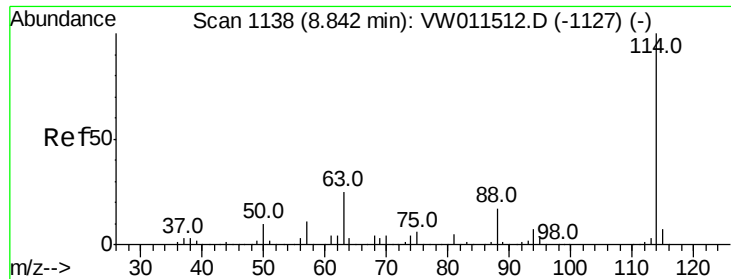
#33
1,2-Dichloroethane-d4
Concen: 50.159 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011978.D
Acq: 19 Aug 2019 09:21

Tgt Ion: 65 Resp: 135565
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

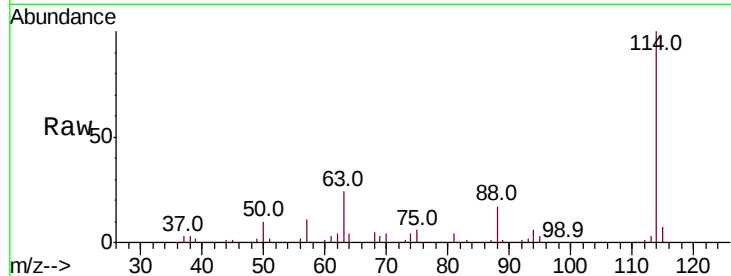




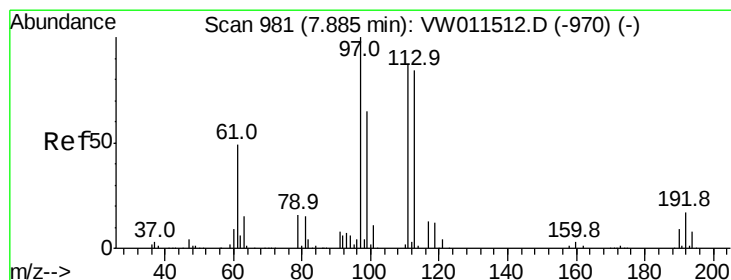
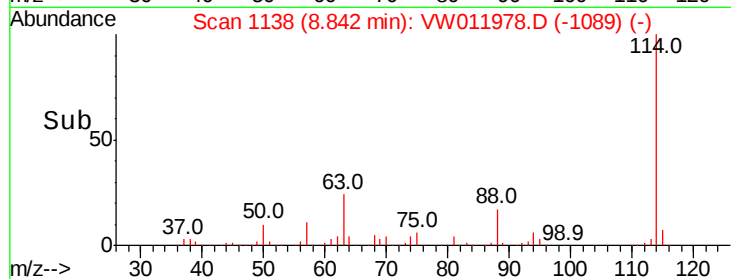
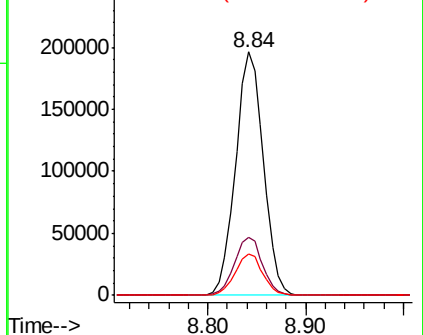
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	16.8	0.0	33.8

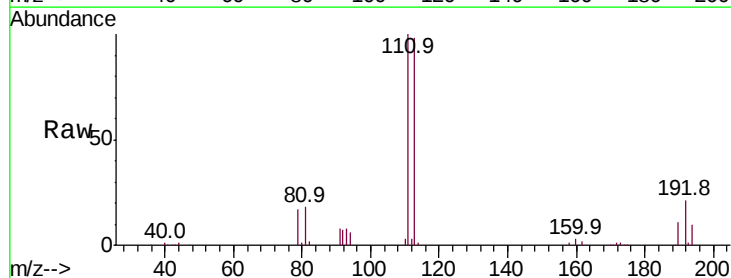


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

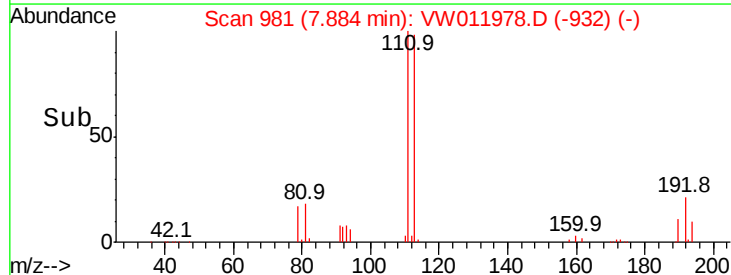
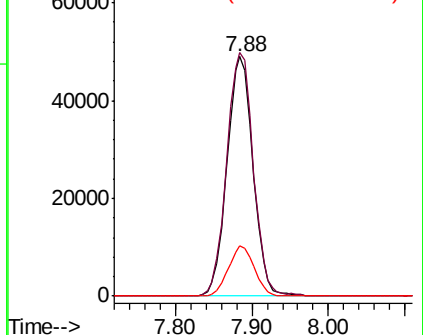


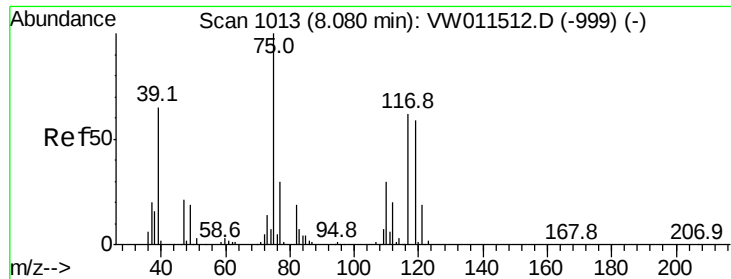
#35
 Dibromofluoromethane
 Concen: 53.003 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.8	16.1	24.1



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

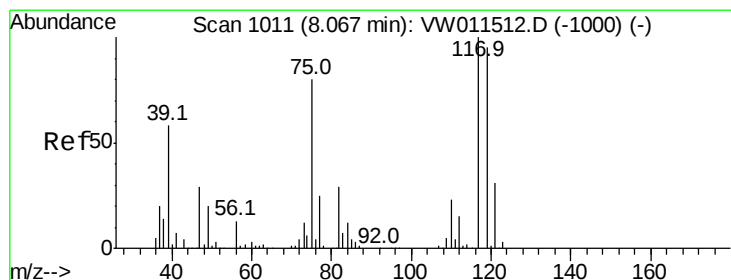
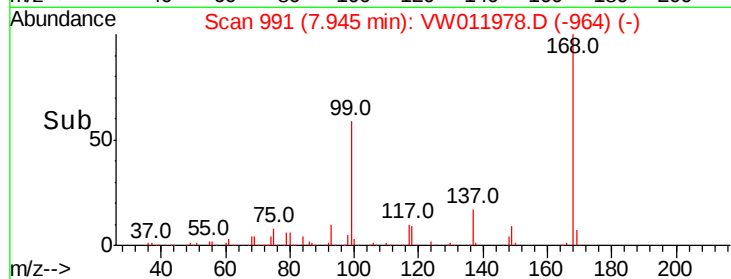
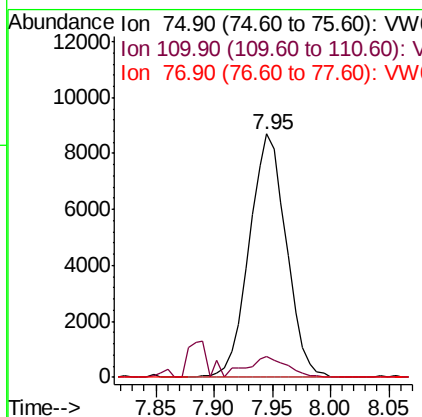
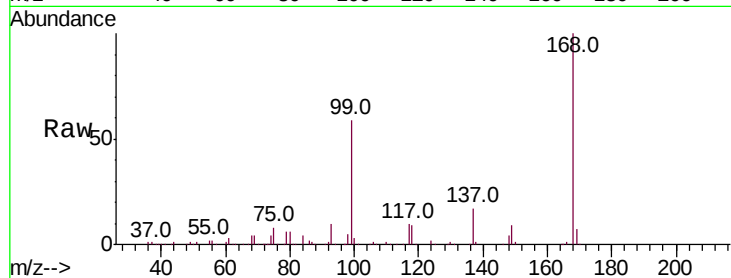




#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

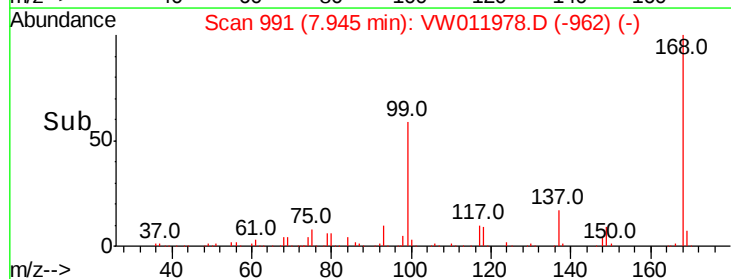
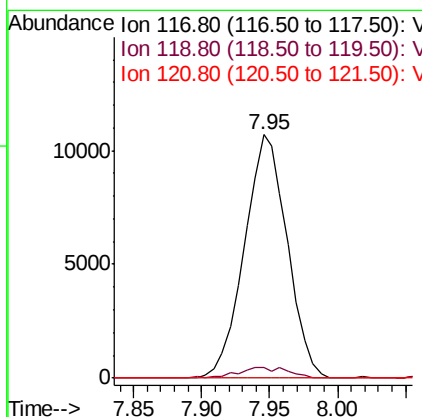
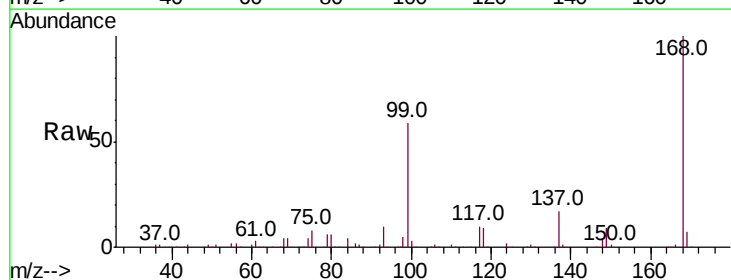
Instrument :
 MSVOA_W
 ClientSampled :

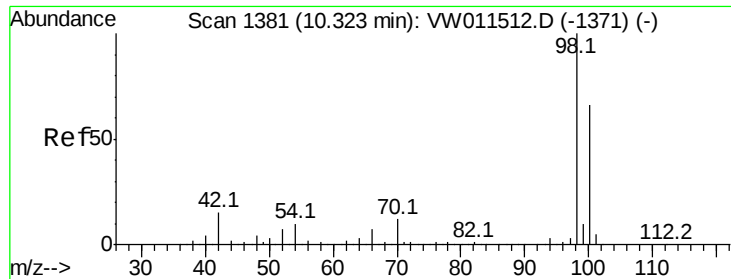
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.822 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.071 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011978.D

Acq: 19 Aug 2019 09:21

Instrument :

MSVOA_W

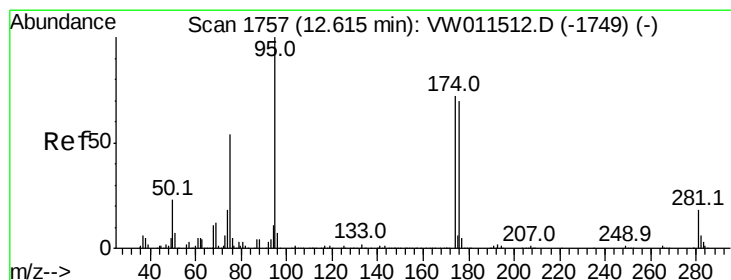
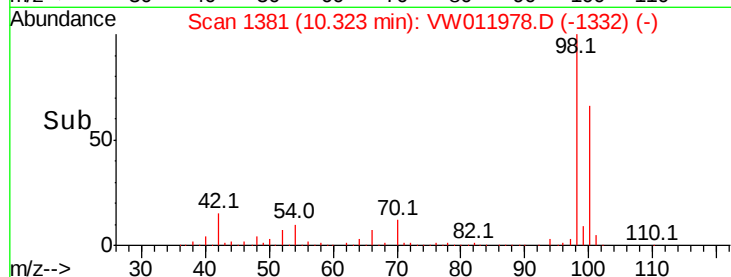
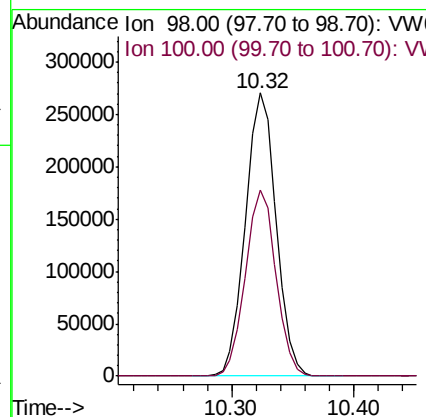
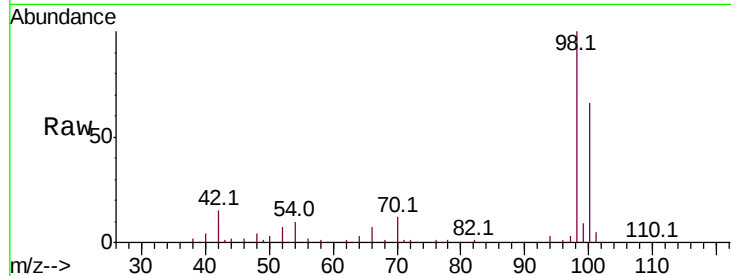
ClientSampled :

Tot Ion: 98 Resp: 472016

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.565 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011978.D

Acq: 19 Aug 2019 09:21

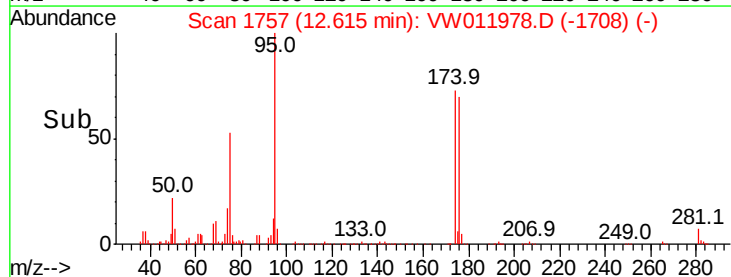
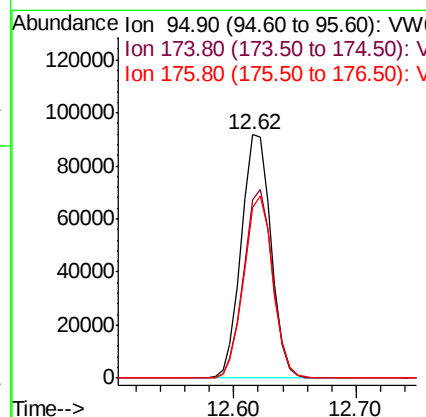
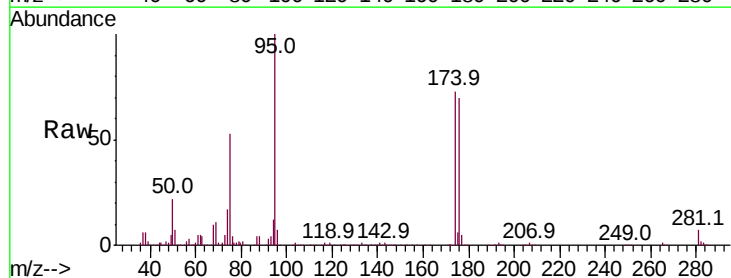
Tgt Ion: 95 Resp: 153996

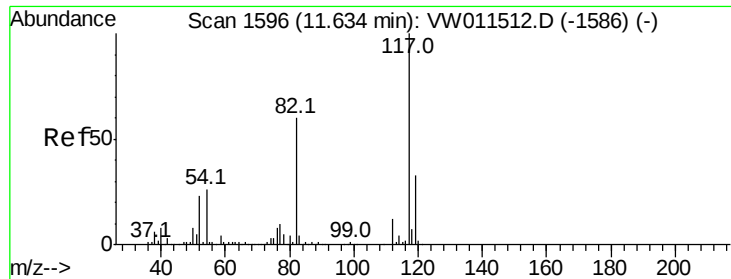
Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

176 73.4 0.0 144.4

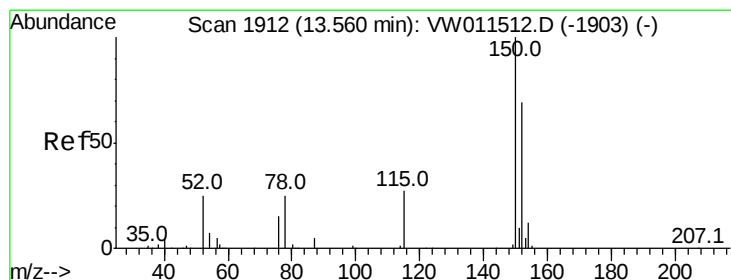
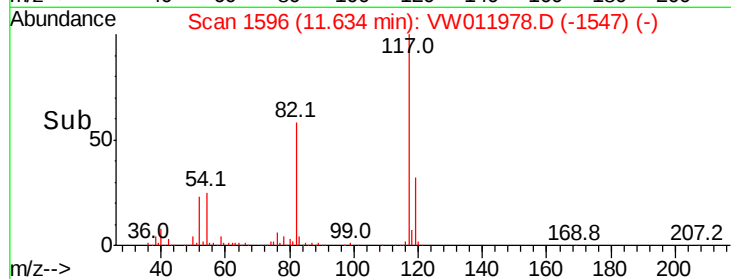
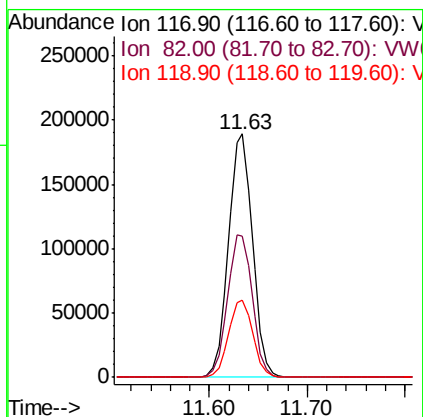
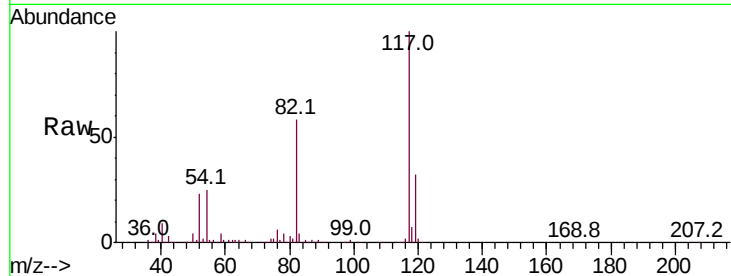




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011978.D
Acq: 19 Aug 2019 09:21

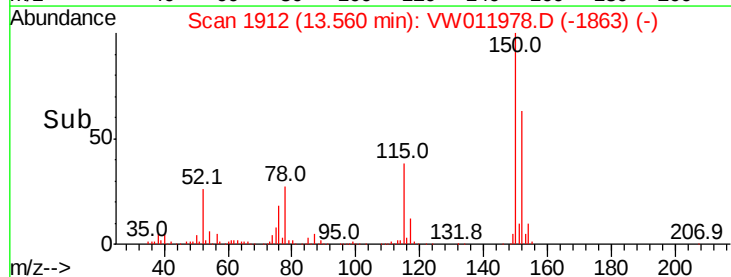
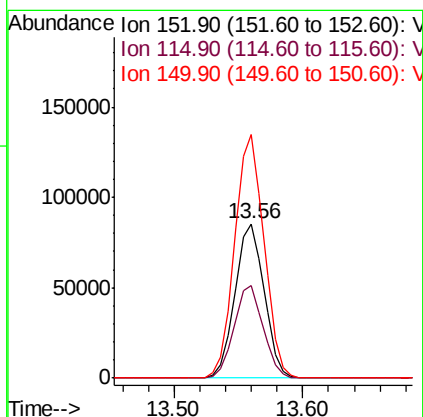
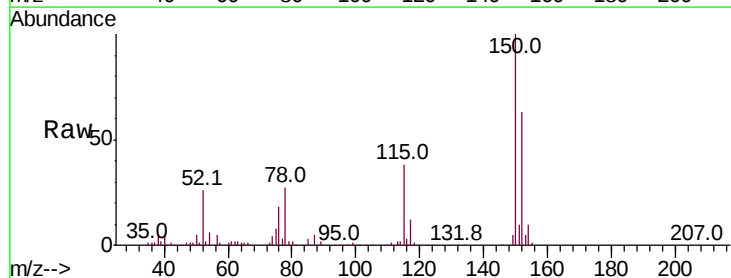
Instrument :
MSVOA_W
ClientSampleId :

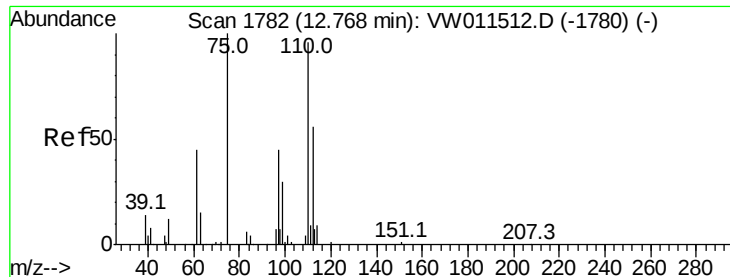
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.9	71.9
119	31.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011978.D
Acq: 19 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	158.4	0.0	352.6

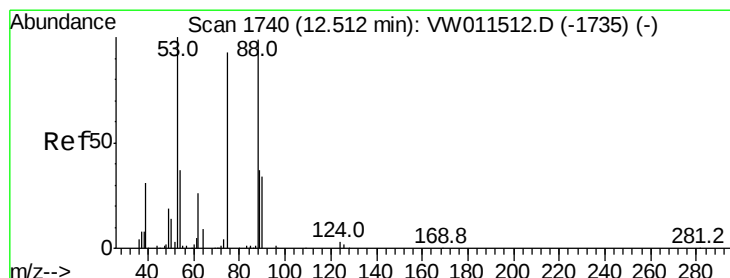
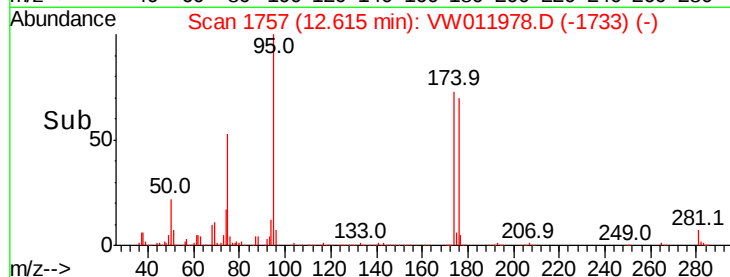
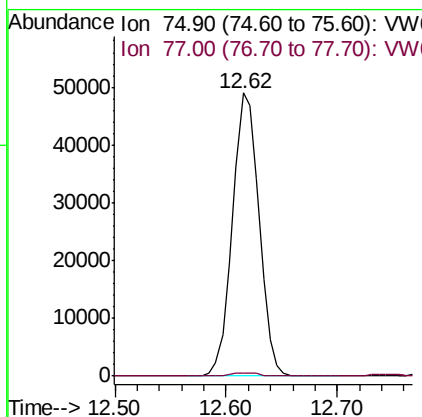
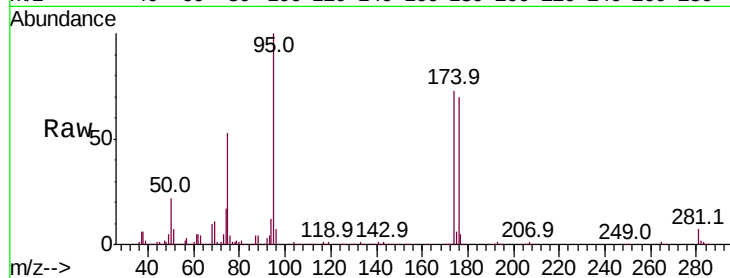




#76
 1,2,3-Trichloropropane
 Concen: 57.099 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

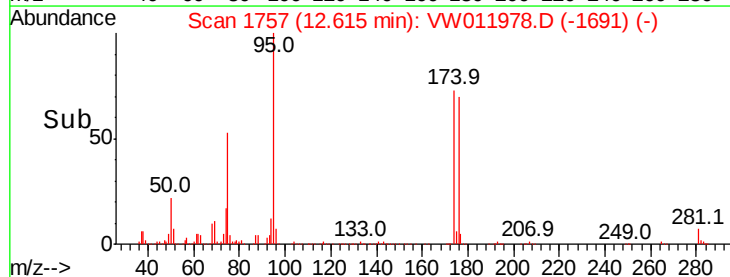
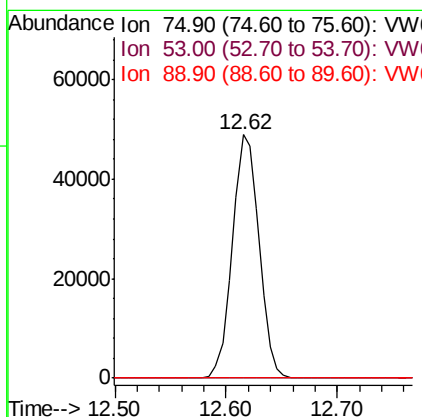
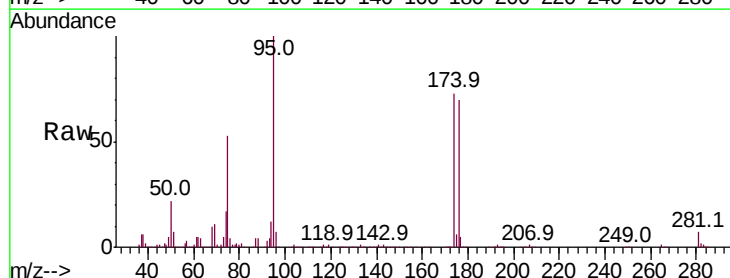
Instrument :
 MSVOA_W
 ClientSampleId :

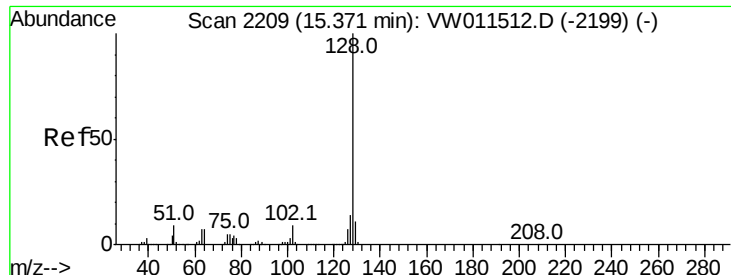
Tot Ion: 75 Resp: 81135
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.592 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011978.D
 Acq: 19 Aug 2019 09:21

Tgt Ion: 75 Resp: 81135
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.0 132.0#
 89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.381 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW011978.D

Acq: 19 Aug 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

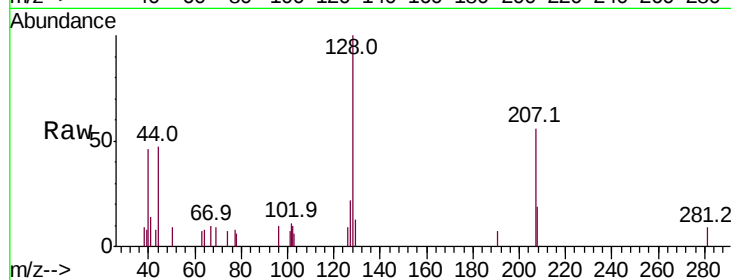
Tot Ion:128 Resp: 1740

Ion Ratio Lower Upper

128 100

127 12.0 10.6 16.0

129 12.1 8.6 13.0



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

