

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013380.D
 Acq On : 02 Oct 2019 16:04
 Operator : SY/VA
 Sample : K5083-05RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 16:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158187	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	118627	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
35) Dibromofluoromethane	7.88	113	120096	54.80	ug/l	0.00
Spiked Amount			Recovery	=	109.60%	
50) Toluene-d8	10.32	98	476830	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	152014	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	

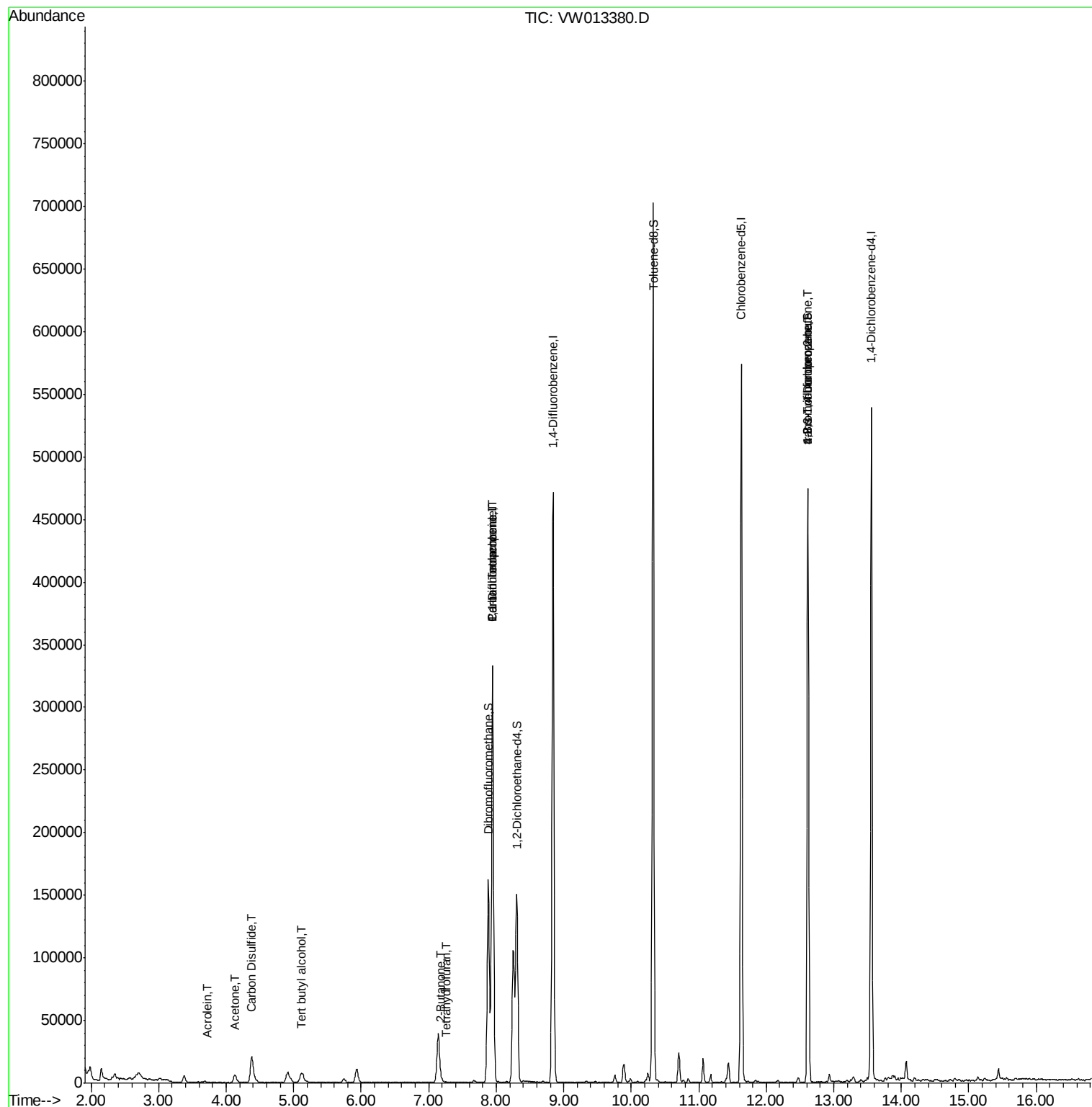
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	9283	27.037	ug/l #	73
13) Acrolein	3.72	56	19	10.664	ug/l #	1
16) Acetone	4.13	43	12307	19.231	ug/l	95
17) Carbon Disulfide	4.38	76	46792	6.516	ug/l	97
25) 2-Butanone	7.18	43	1194	1.458	ug/l	100
26) 2,2-Dichloropropane	7.15	77	2854	Below Cal	#	52
29) Tetrahydrofuran	7.26	42	23	9.740	ug/l #	8
36) 1,1-Dichloropropene	7.94	75	17715	4.566	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24289	7.228	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	70098	49.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70098	101.319	ug/l #	12

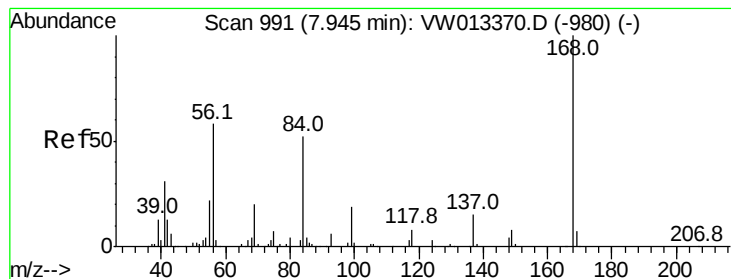
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100219\
Data File : VW013380.D
Acq On : 02 Oct 2019 16:04
Operator : SY/VA
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Quant Time: Oct 02 16:26:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

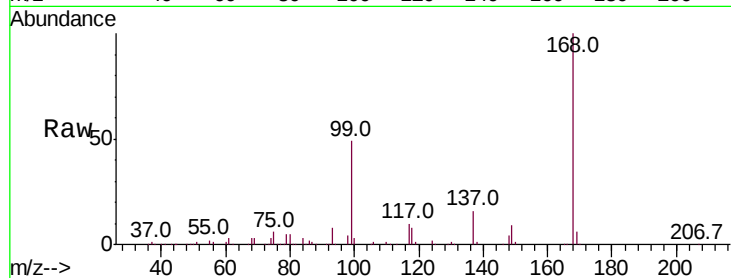
ClientSampled :

Tot Ion:168 Resp: 279619

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

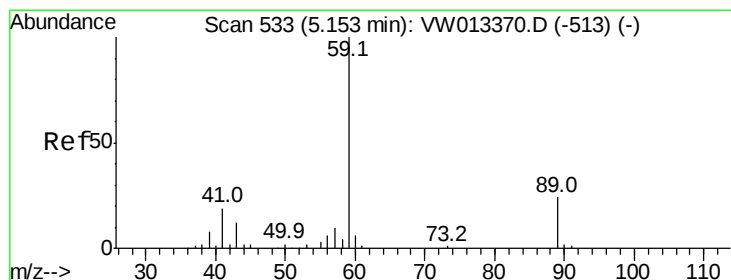
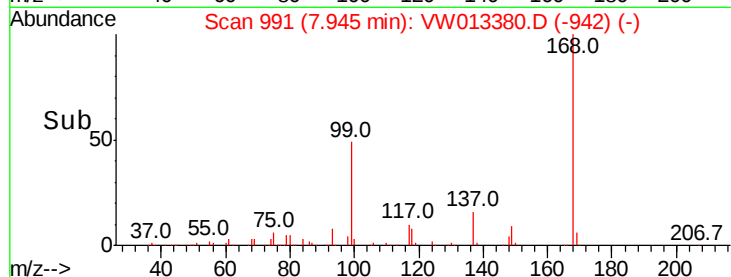
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 27.037 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: VW013380.D

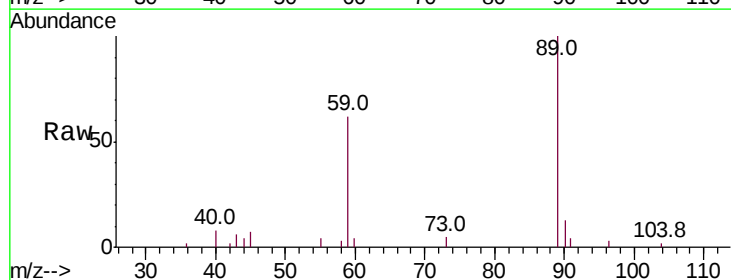
Acq: 02 Oct 2019 16:04

Tgt Ion: 59 Resp: 9283

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2500

2000

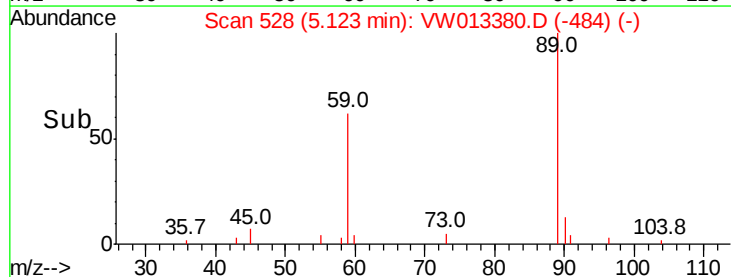
1500

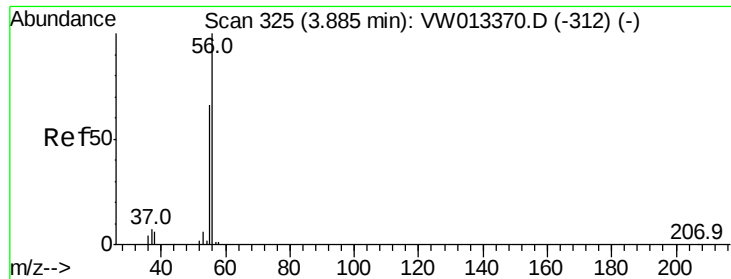
1000

500

0

Time-->





#13

Acrolein

Concen: 10.664 ug/l

RT: 3.72 min Scan# 298

Delta R.T. -0.16 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

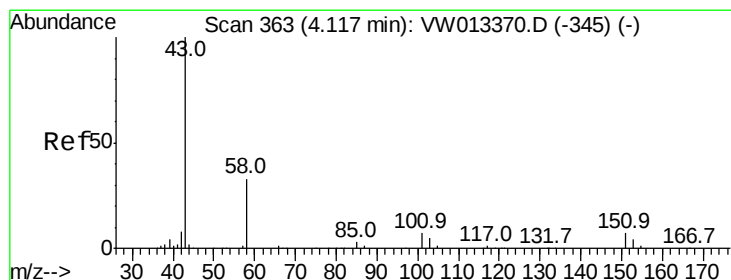
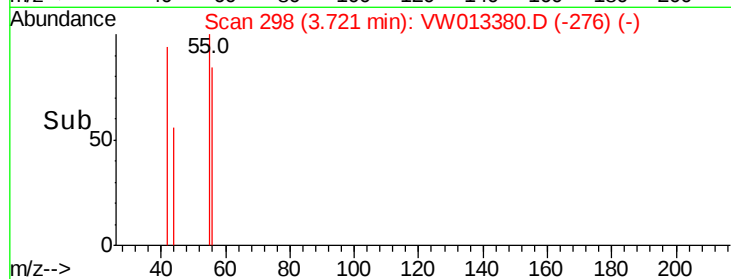
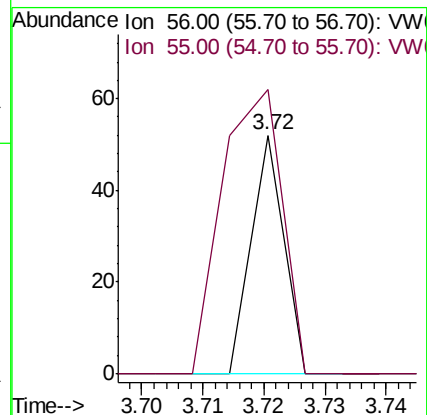
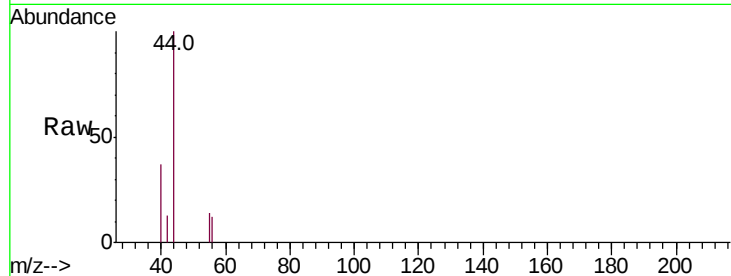
ClientSampleId :

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 221.1 55.4 83.0#



#16

Acetone

Concen: 19.231 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013380.D

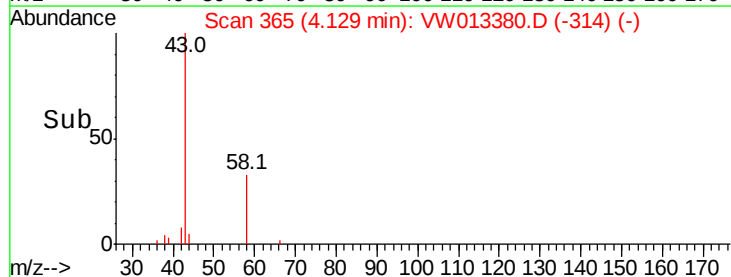
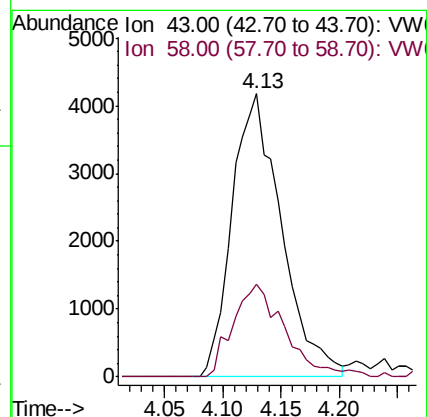
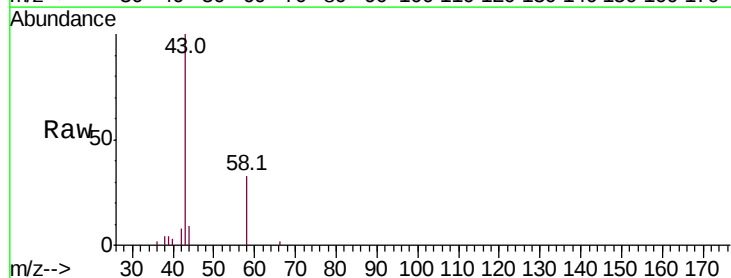
Acq: 02 Oct 2019 16:04

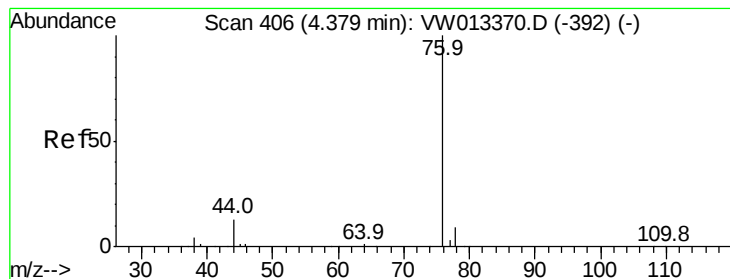
Tgt Ion: 43 Resp: 12307

Ion Ratio Lower Upper

43 100

58 32.7 24.1 36.1





#17

Carbon Disulfide

Concen: 6.516 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

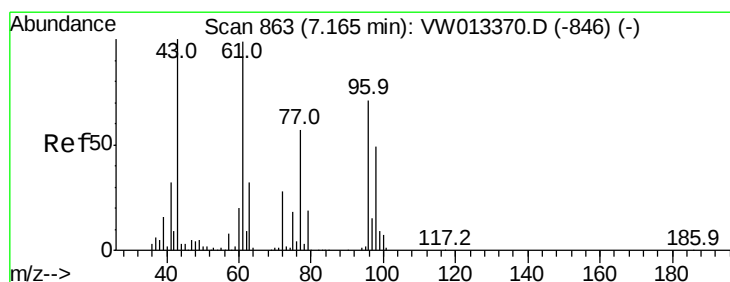
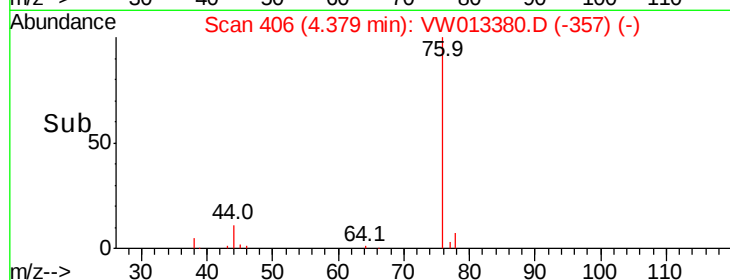
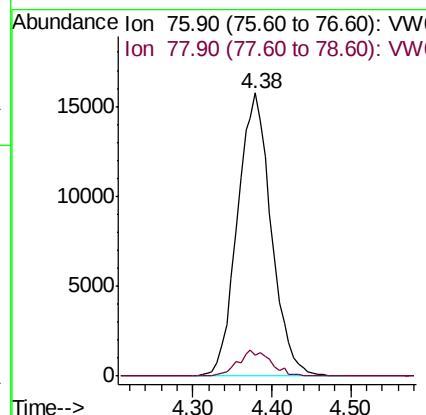
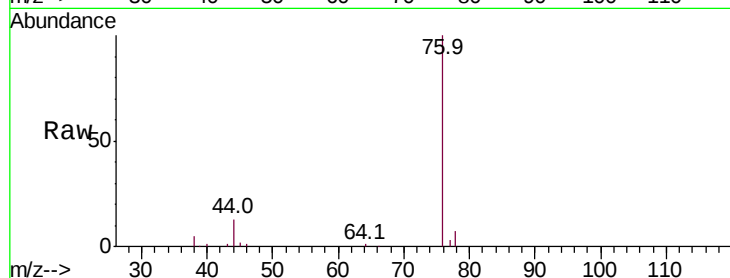
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 76 Resp: 46792

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.4



#25

2-Butanone

Concen: 1.458 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013380.D

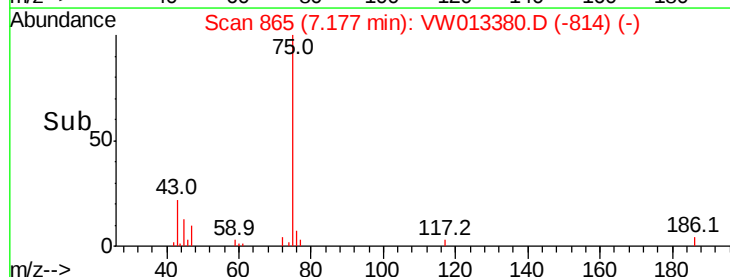
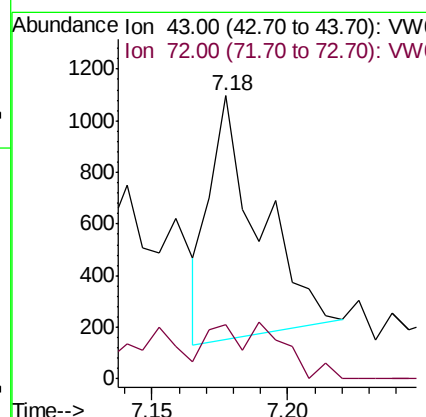
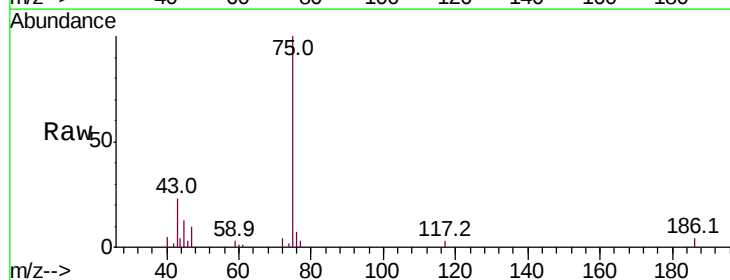
Acq: 02 Oct 2019 16:04

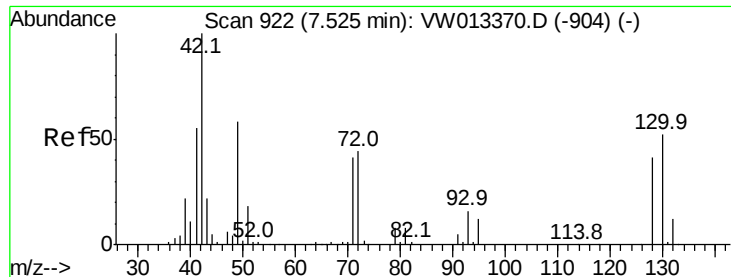
Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

72 24.2 19.4 29.0

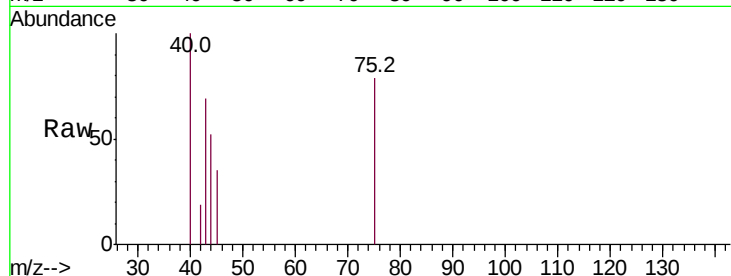




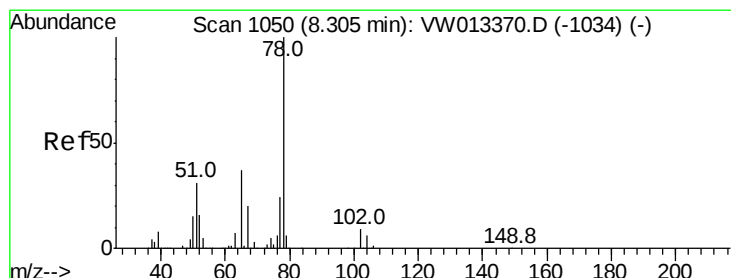
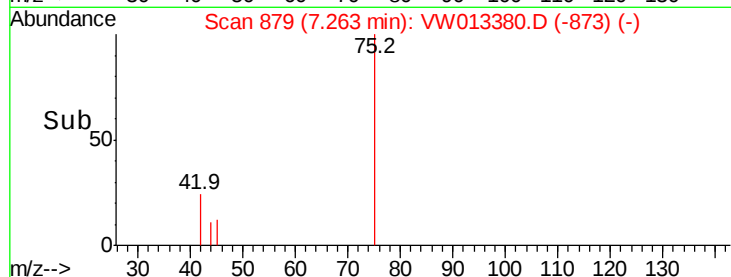
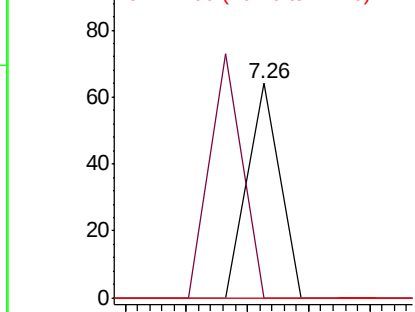
#29
Tetrahydrofuran
Concen: 9.740 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
72 117.4 33.9 50.9#
71 0.0 31.9 47.9#

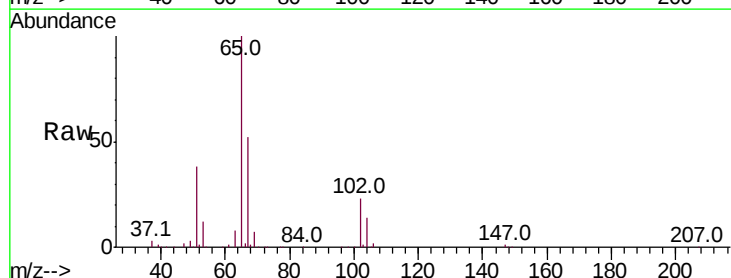


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

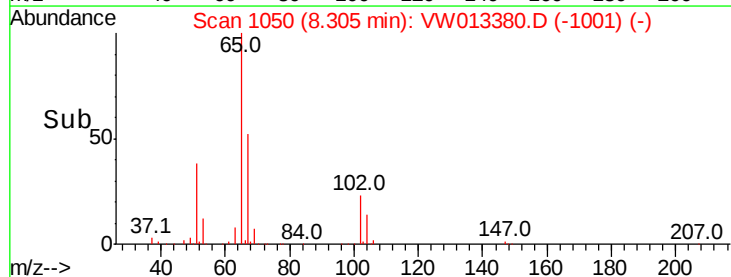
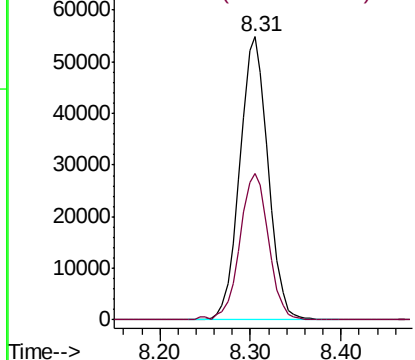


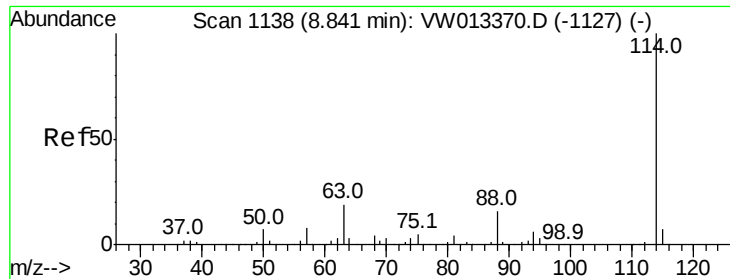
#33
1,2-Dichloroethane-d4
Concen: 56.818 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion: 65 Resp: 118627
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2



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

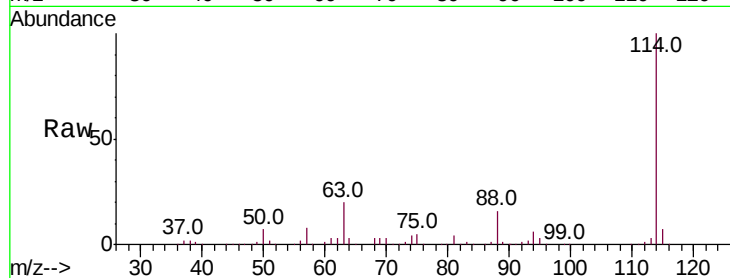




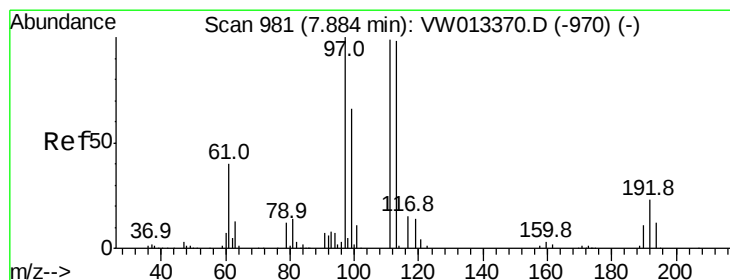
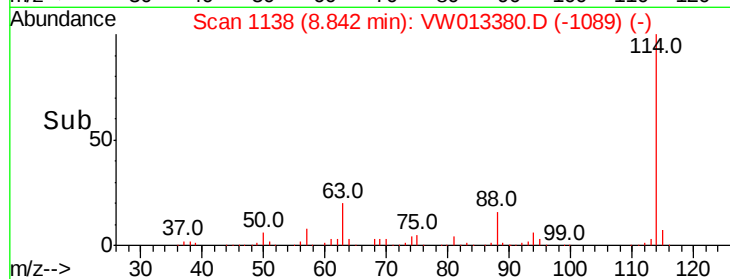
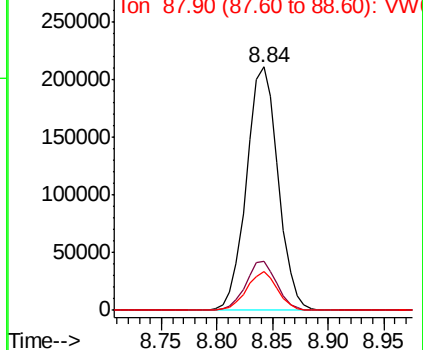
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 417670
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.8 0.0 32.0

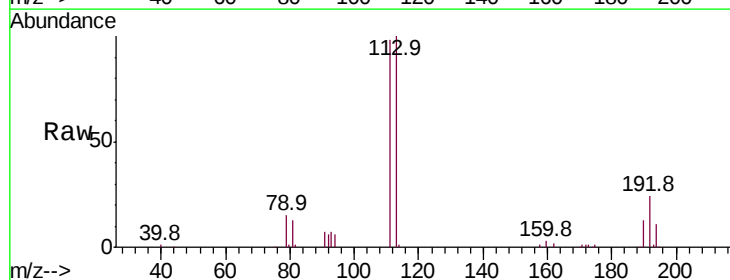


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

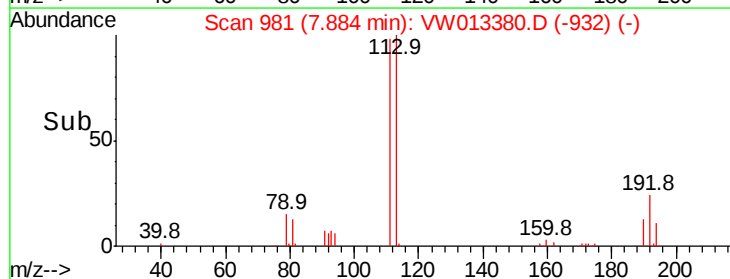
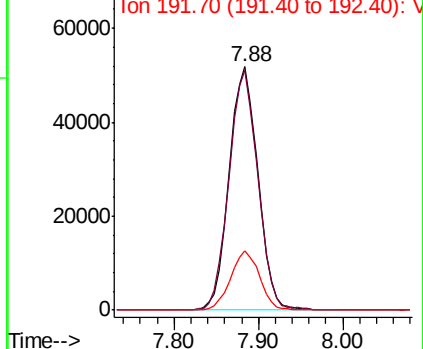


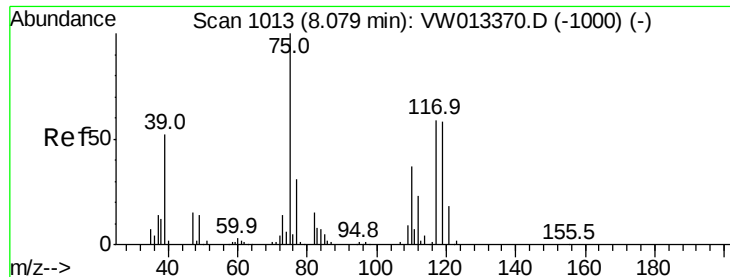
#35
 Dibromofluoromethane
 Concen: 54.798 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Tgt Ion:113 Resp: 120096
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.9 122.9
 192 24.1 19.1 28.7



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

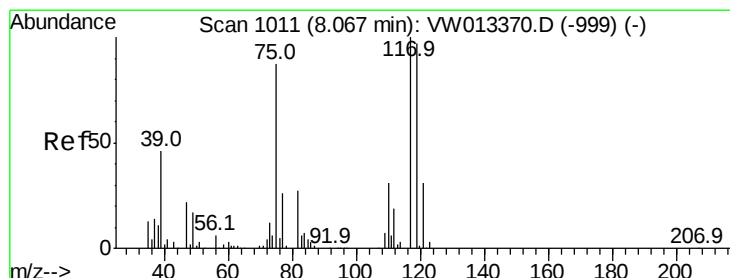
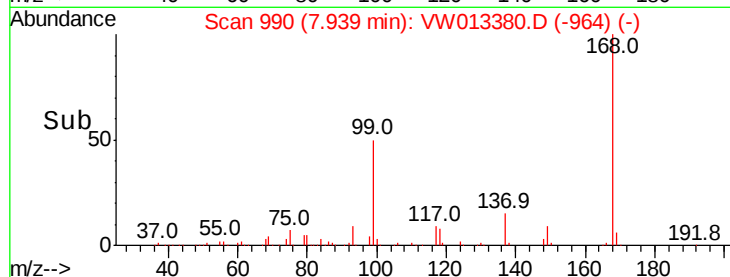
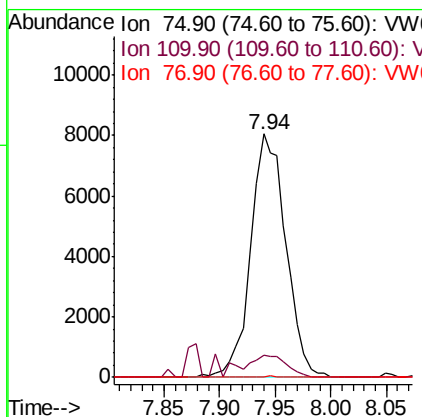
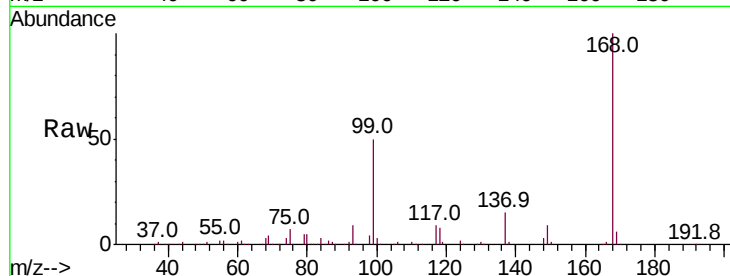




#36
 1,1-Dichloropropene
 Concen: 4.566 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

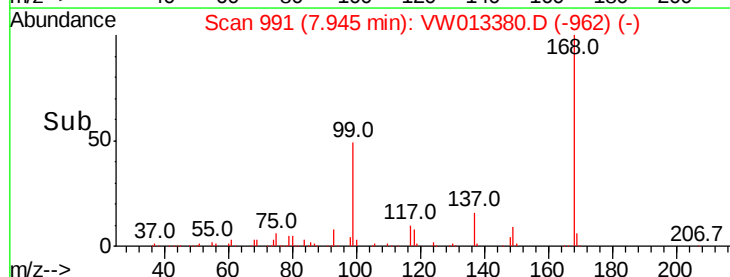
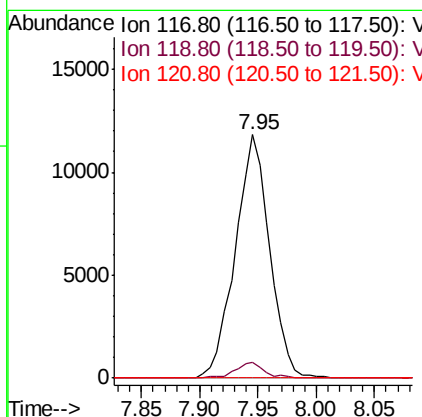
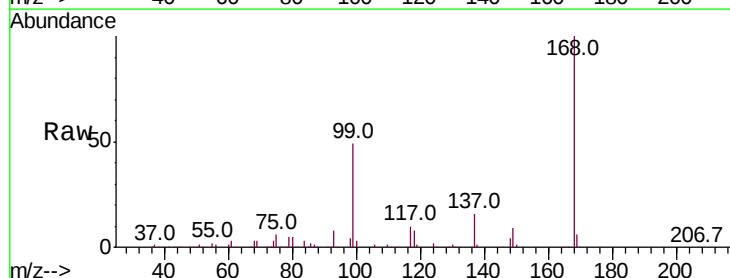
Instrument :
 MSVOA_W
 ClientSampled :

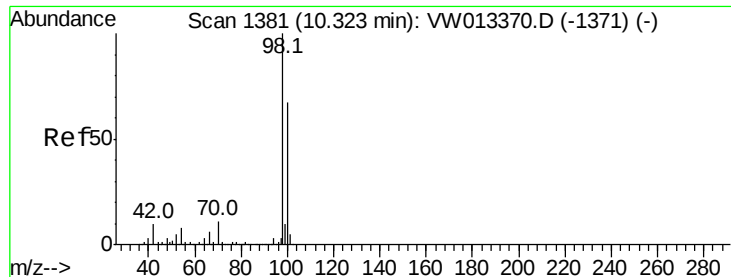
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.3#
77	0.1	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 7.228 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	73.5	110.3#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 52.429 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

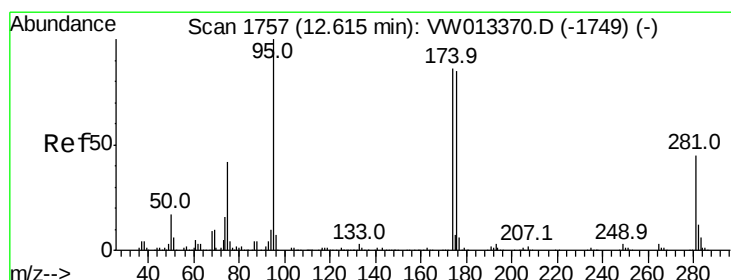
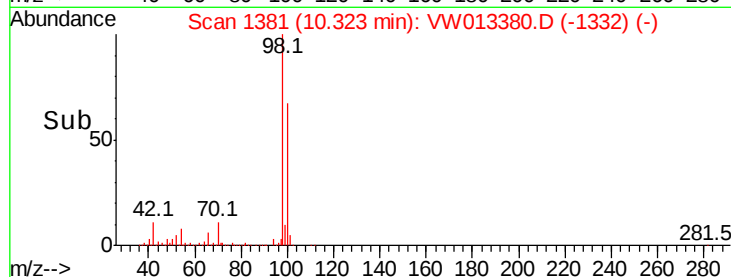
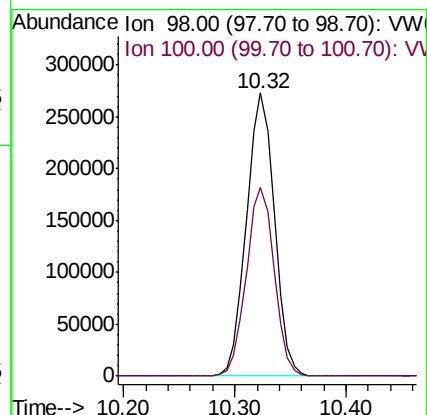
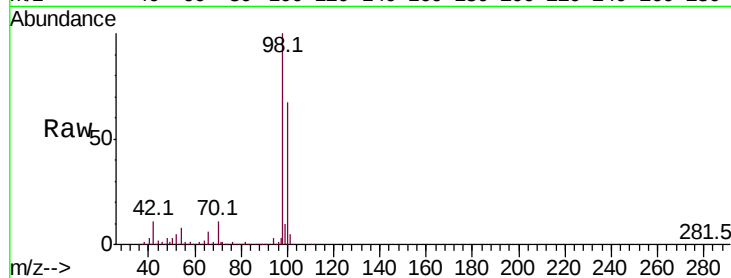
ClientSampleId :

Tot Ion: 98 Resp: 476830

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.053 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

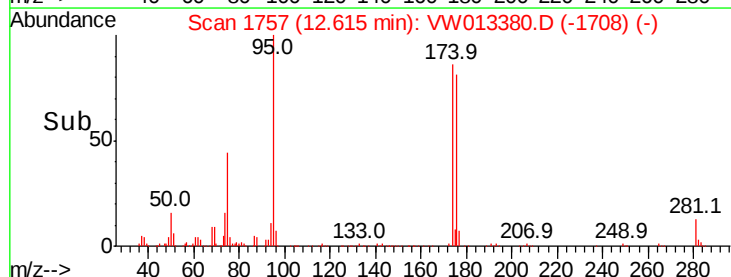
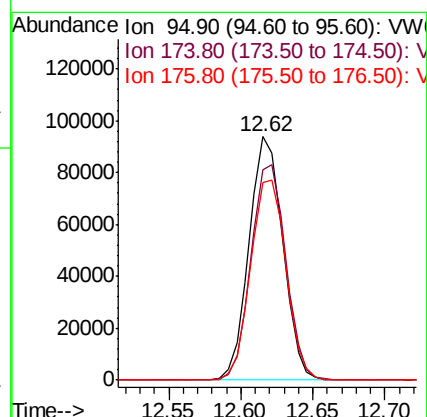
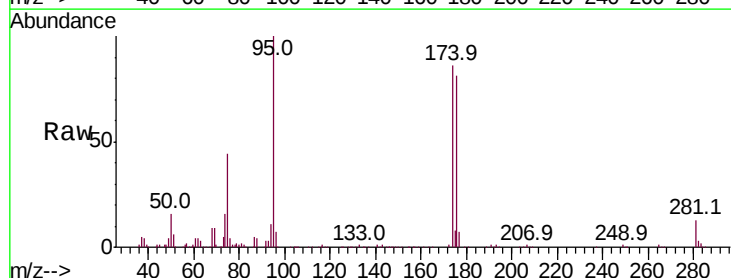
Tgt Ion: 95 Resp: 152014

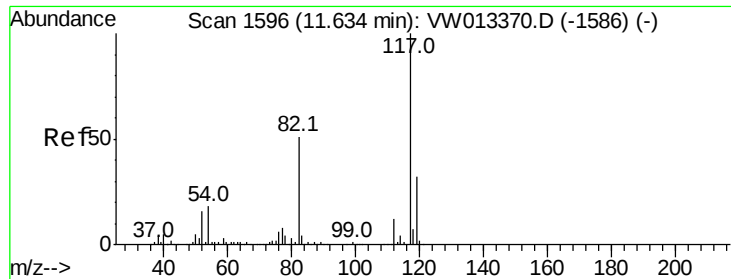
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.4

176 86.1 0.0 172.2

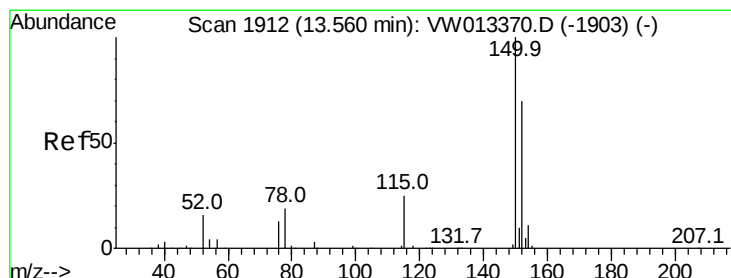
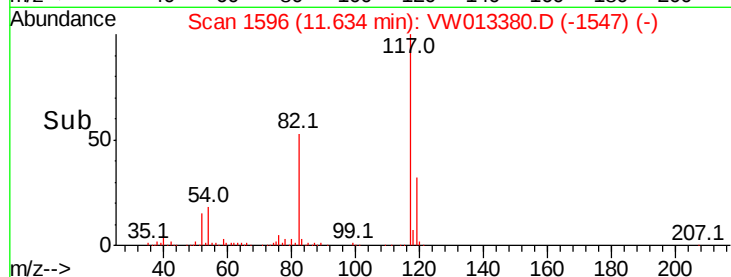
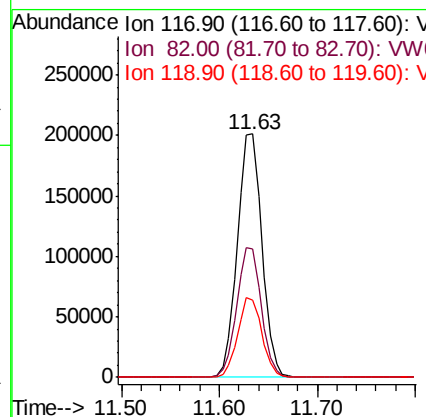
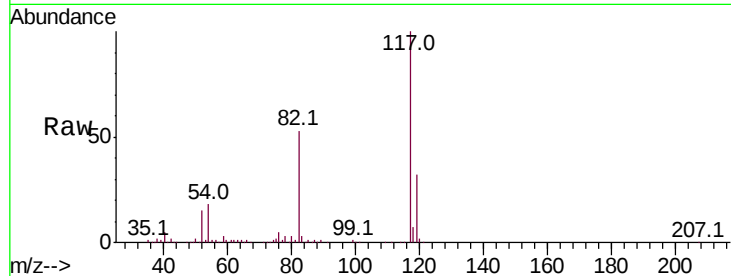




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

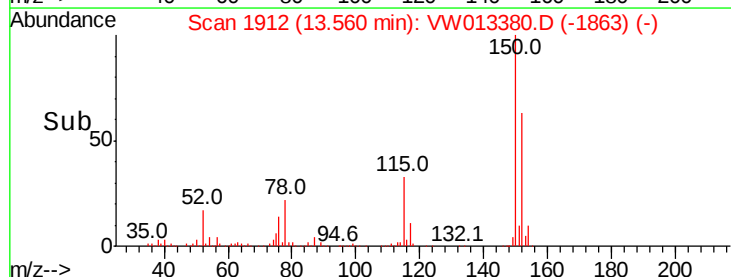
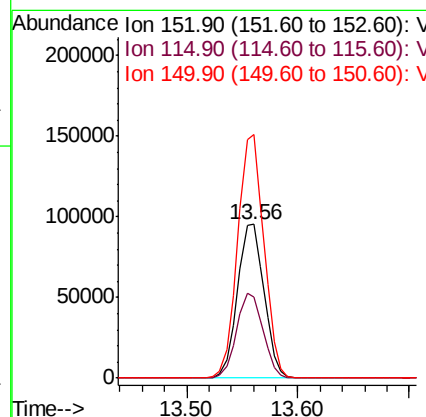
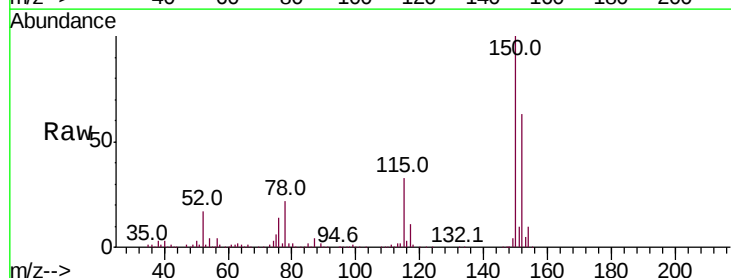
Instrument :
MSVOA_W
ClientSampleId :

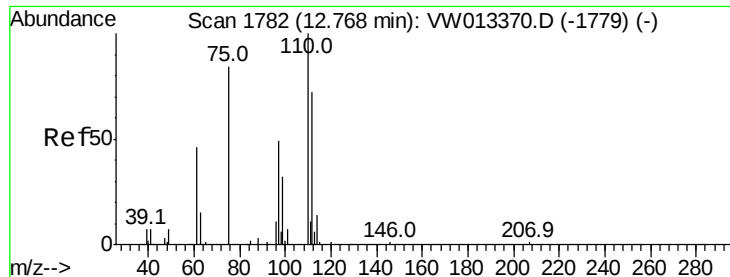
Tot Ion:117 Resp: 352057
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion:152 Resp: 158187
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 155.8 0.0 349.0

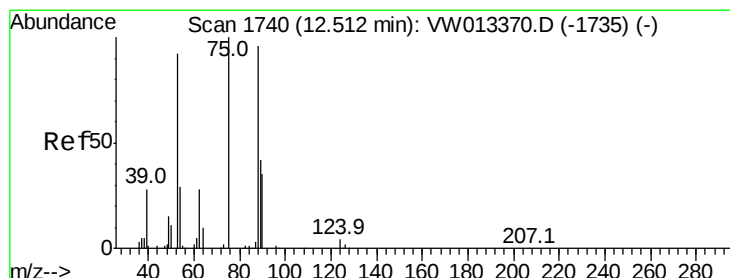
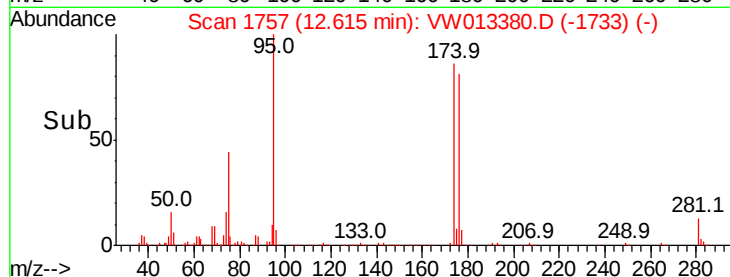
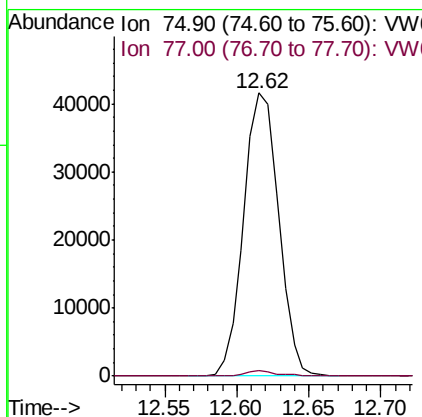
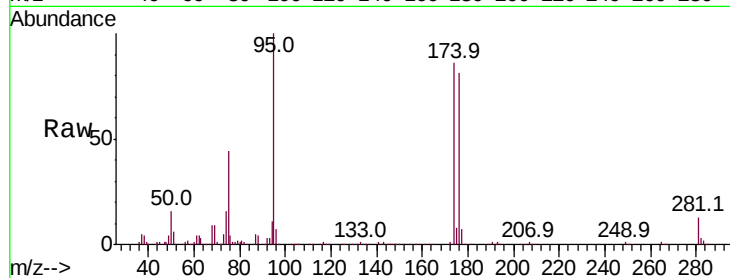




#76
 1,2,3-Trichloropropane
 Concen: 49.859 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 70098
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.319 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013380.D
 Acq: 02 Oct 2019 16:04

Tgt Ion: 75 Resp: 70098
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.0 33.5 50.3#

