

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013376.D
 Acq On : 02 Oct 2019 14:09
 Operator : SY/VA
 Sample : VW1002SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 16:09:33 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	358654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	442805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	148231	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	150587	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
50) Toluene-d8	10.32	98	634649	56.67	ug/l	0.00
Spiked Amount			Recovery	=	113.34%	
62) 4-Bromofluorobenzene	12.62	95	211794	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	

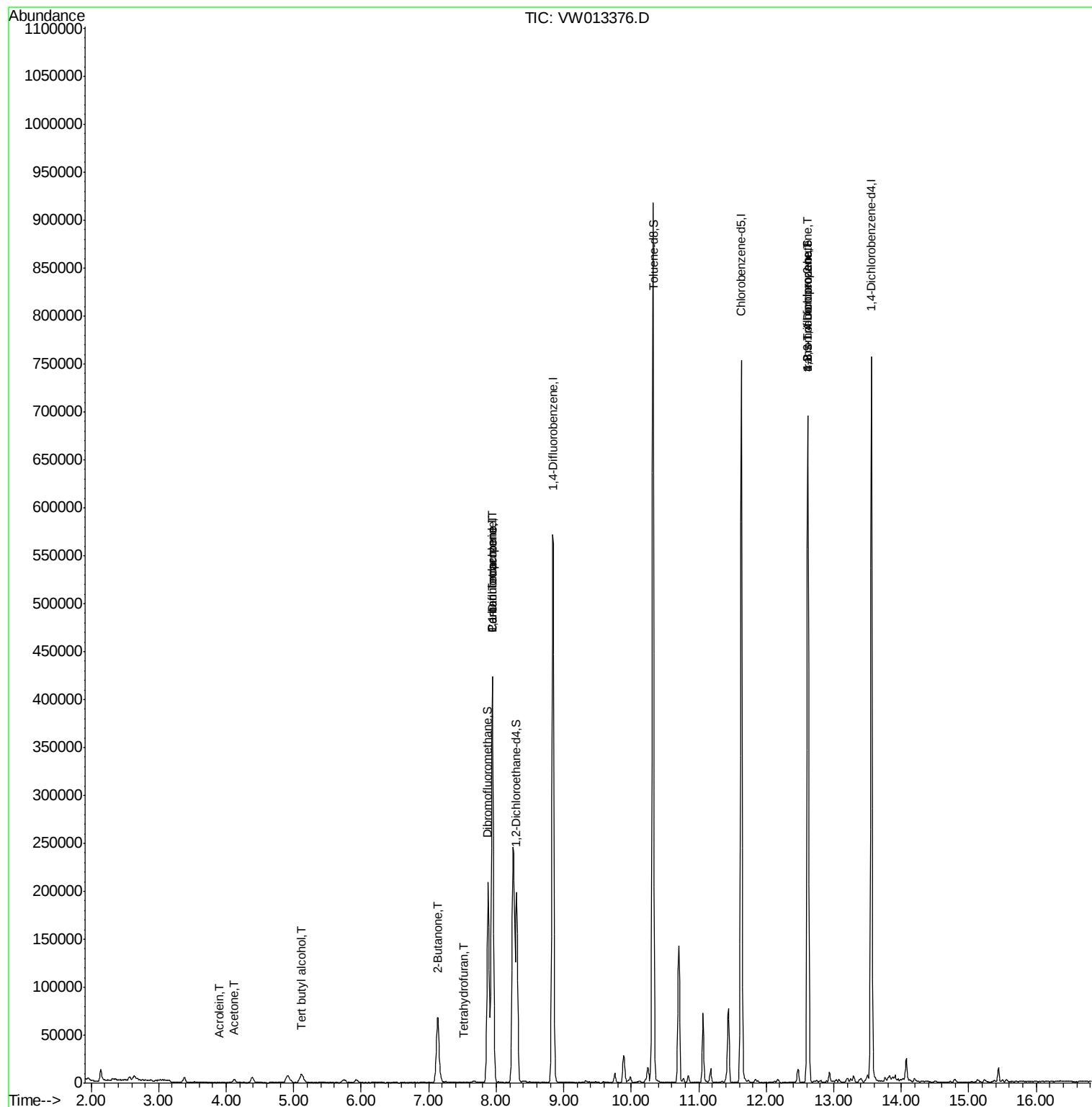
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	10233	17.662	ug/l #	73
13) Acrolein	3.90	56	19	10.645	ug/l #	1
16) Acetone	4.12	43	6936	8.450	ug/l #	68
20) Methylene Chloride	4.90	84	5820	Below Cal		94
25) 2-Butanone	7.13	43	3459	3.293	ug/l #	74
26) 2,2-Dichloropropane	7.12	77	4792	Below Cal	#	52
29) Tetrahydrofuran	7.52	42	379	10.290	ug/l #	34
36) 1,1-Dichloropropene	7.94	75	23067	4.829	ug/l #	48
38) Carbon Tetrachloride	7.95	117	30712	7.423	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	98550	50.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	98550	102.254	ug/l #	12

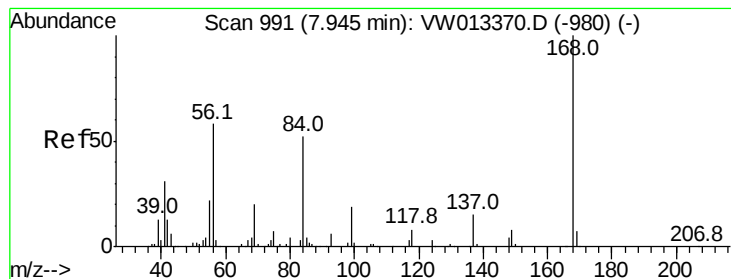
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100219\
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Operator : SY/VA
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Quant Time: Oct 02 16:09:33 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: VW013376.D

Acq: 02 Oct 2019 14:09

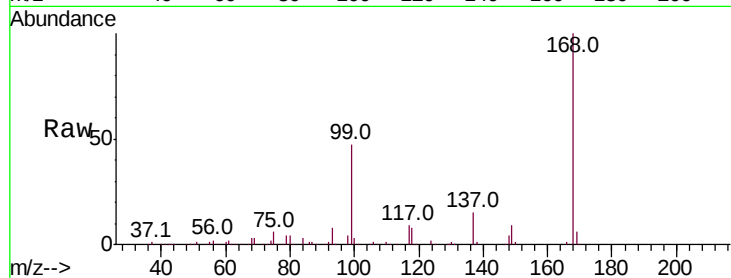
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 358654

Ion Ratio Lower Upper

168 100

99 46.8 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

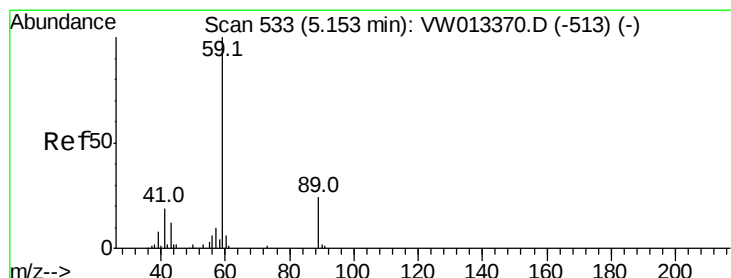
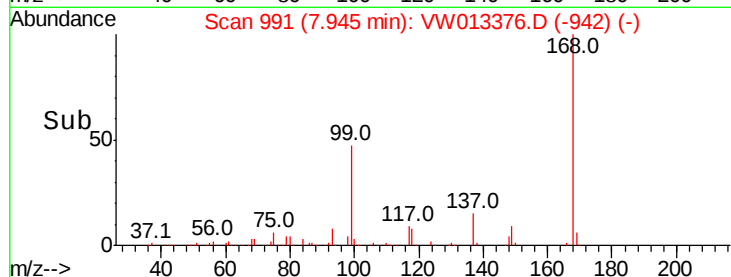
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 17.662 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.04 min

Lab File: VW013376.D

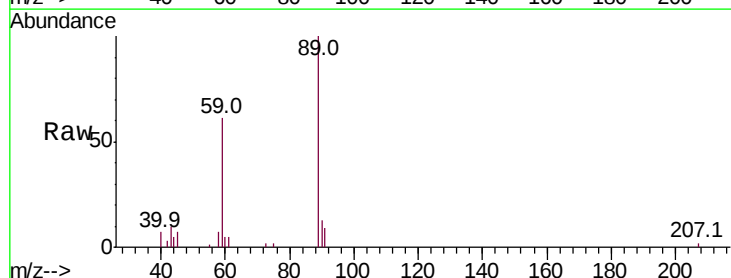
Acq: 02 Oct 2019 14:09

Tgt Ion: 59 Resp: 10233

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

5.11

2500

2000

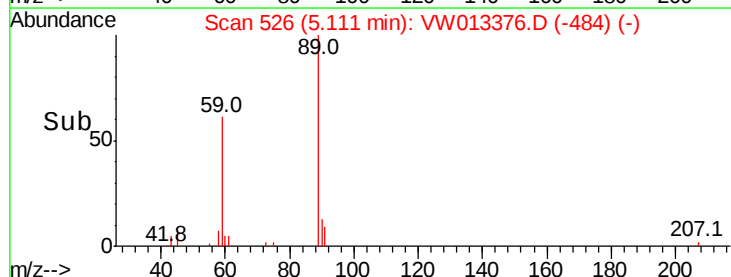
1500

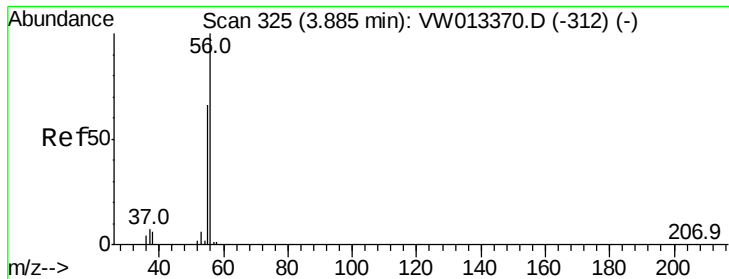
1000

500

0

Time-->





#13

Acrolein

Concen: 10.645 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW013376.D

Acq: 02 Oct 2019 14:09

Instrument :

MSVOA_W

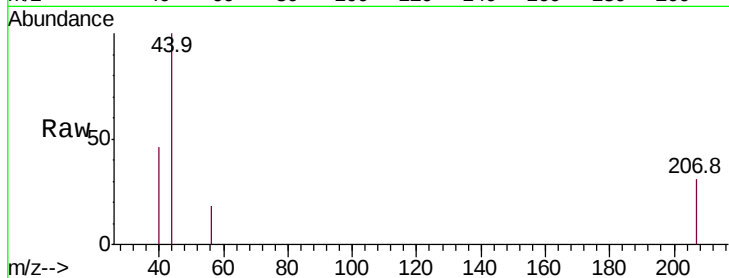
ClientSampled :

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

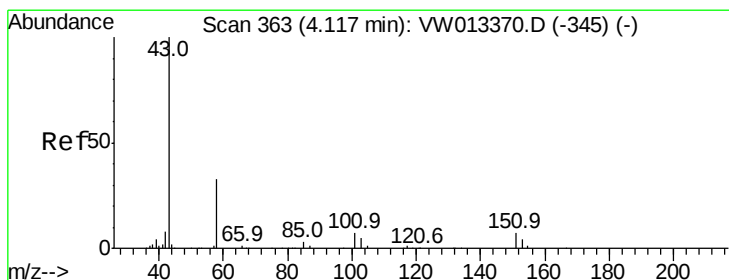
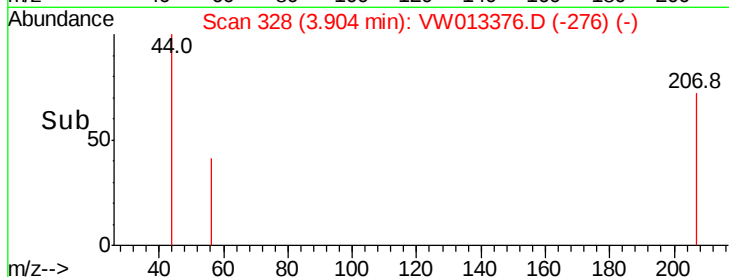
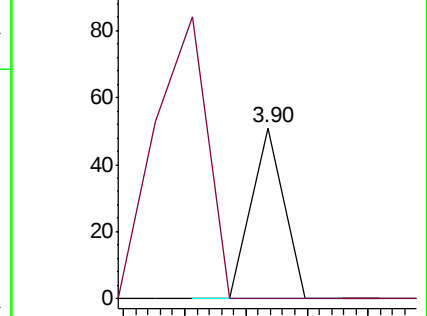
56 100

55 373.7 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 8.450 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013376.D

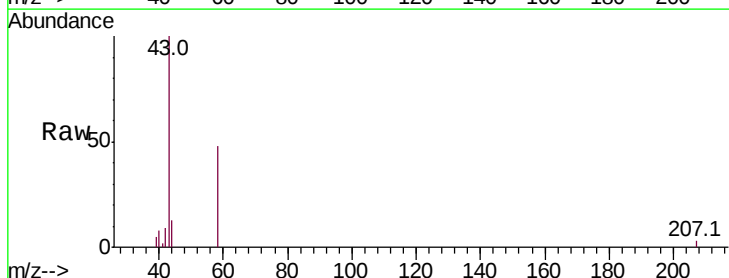
Acq: 02 Oct 2019 14:09

Tgt Ion: 43 Resp: 6936

Ion Ratio Lower Upper

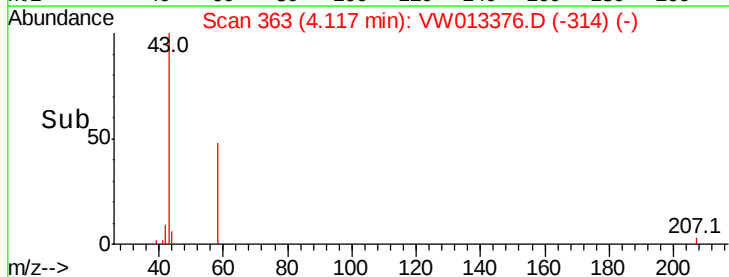
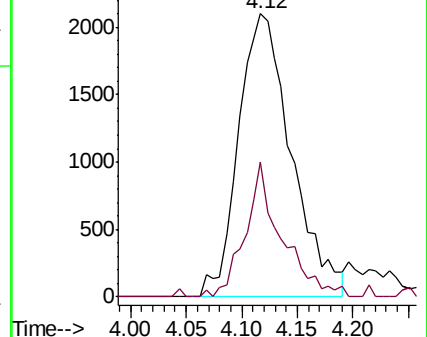
43 100

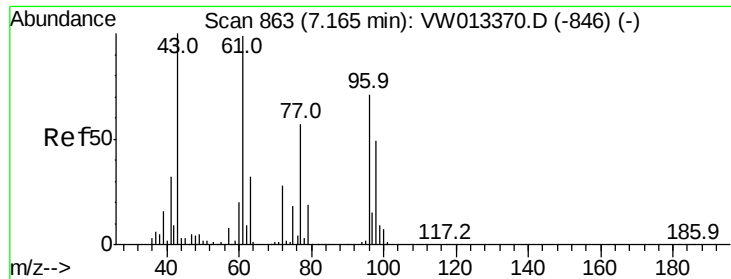
58 47.6 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 3.293 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013376.D

Acq: 02 Oct 2019 14:09

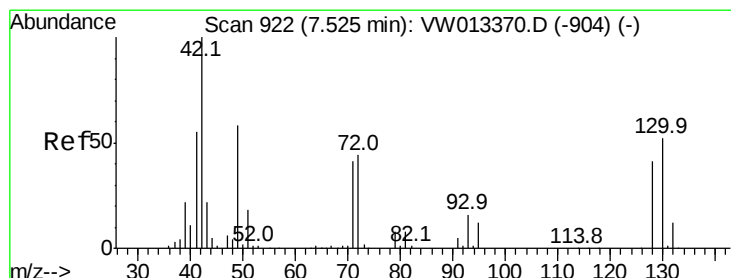
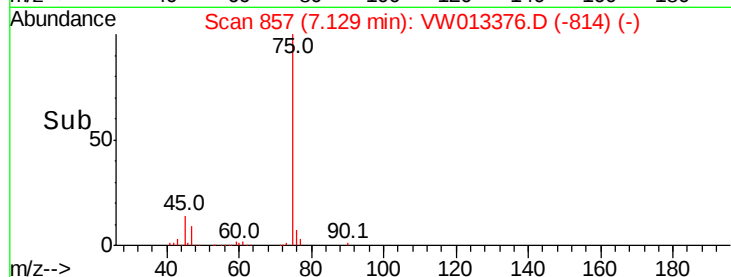
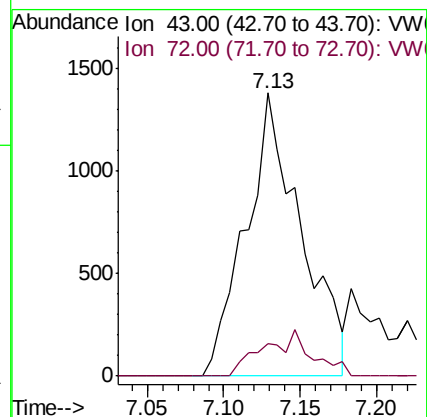
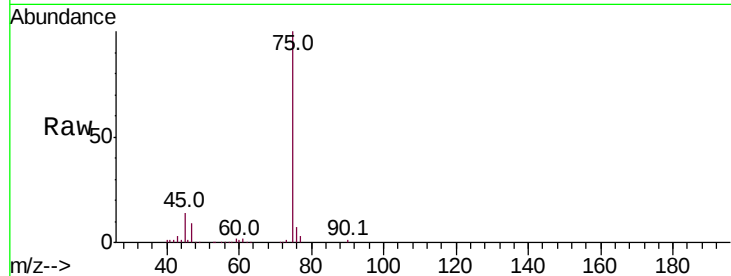
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

72 11.5 19.4 29.0#



#29

Tetrahydrofuran

Concen: 10.290 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW013376.D

Acq: 02 Oct 2019 14:09

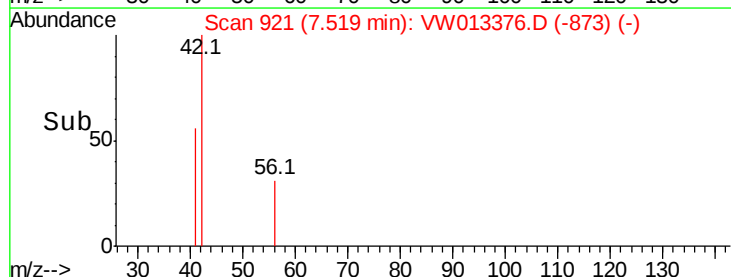
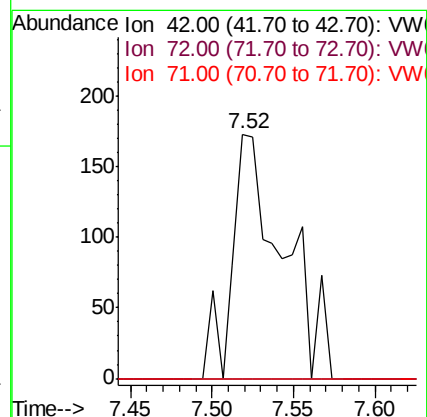
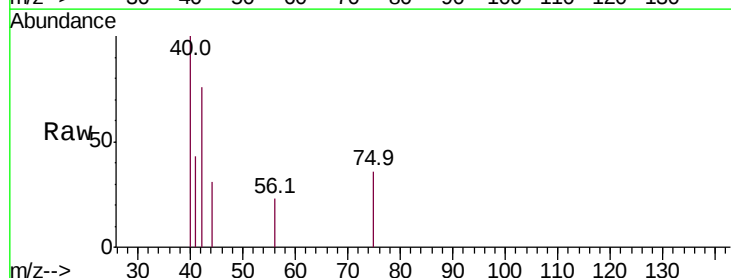
Tgt Ion: 42 Resp: 379

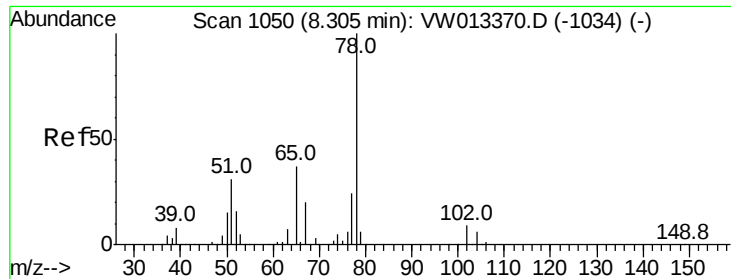
Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

71 0.0 31.9 47.9#

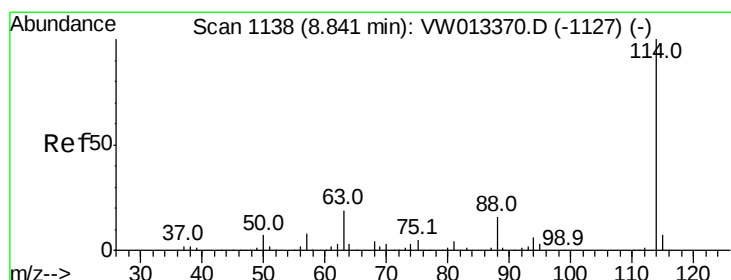
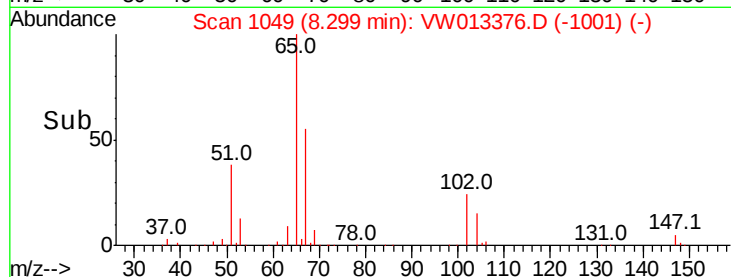
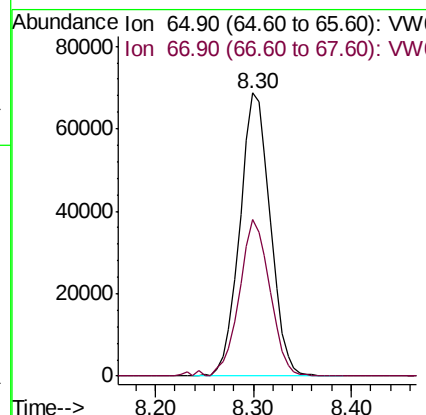
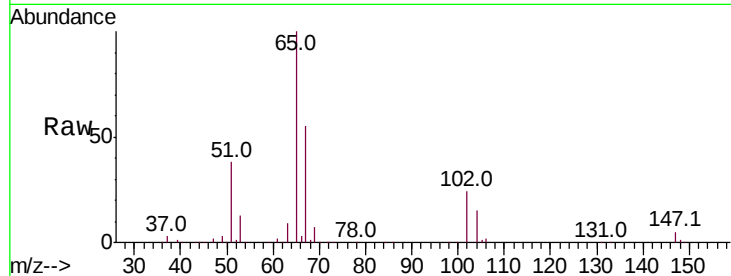




#33
 1,2-Dichloroethane-d4
 Concen: 55.352 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013376.D
 Acq: 02 Oct 2019 14:09

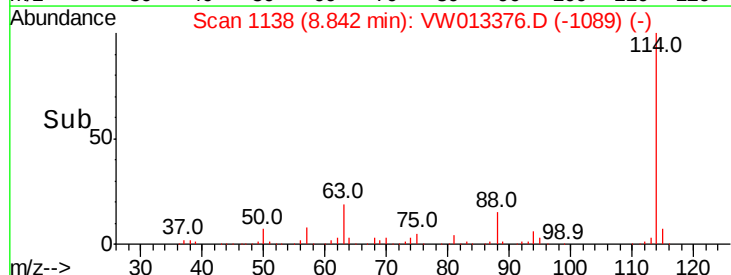
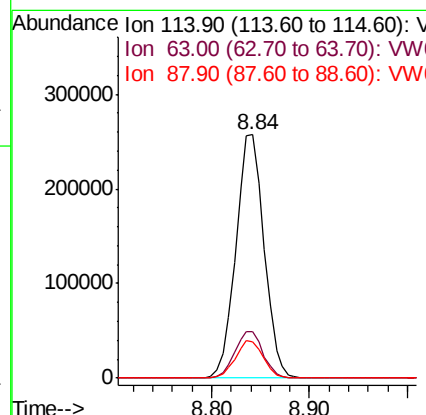
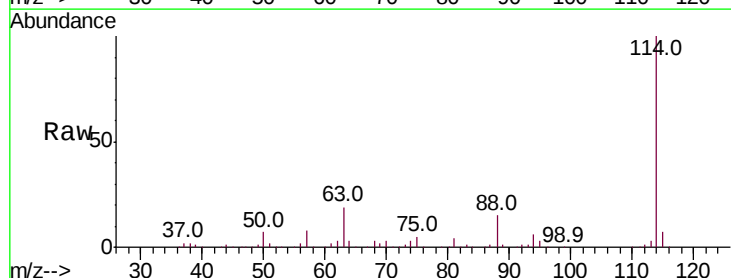
Instrument :
 MSVOA_W
 ClientSampleId :

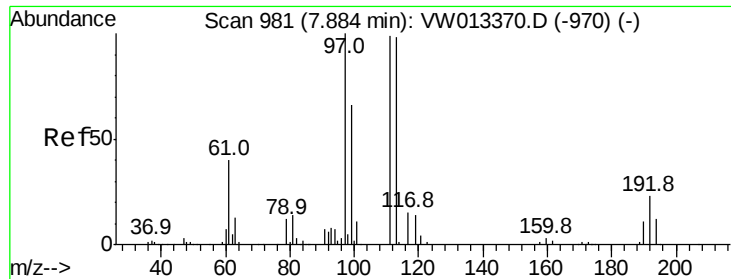
Tot Ion: 65 Resp: 148231
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013376.D
 Acq: 02 Oct 2019 14:09

Tgt Ion: 114 Resp: 514265
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 15.0 0.0 32.0

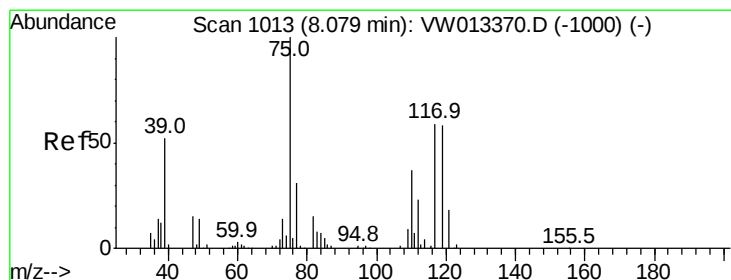
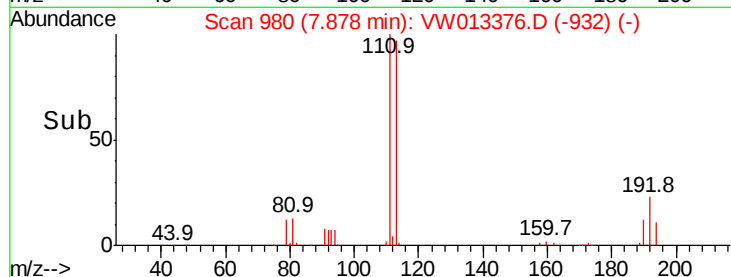
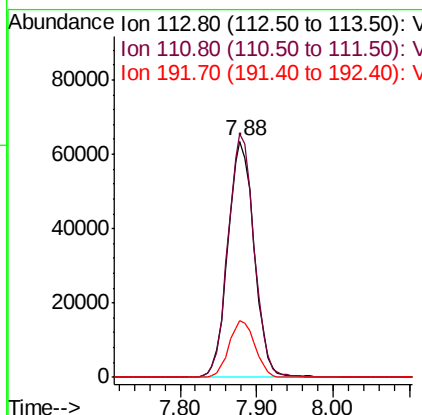
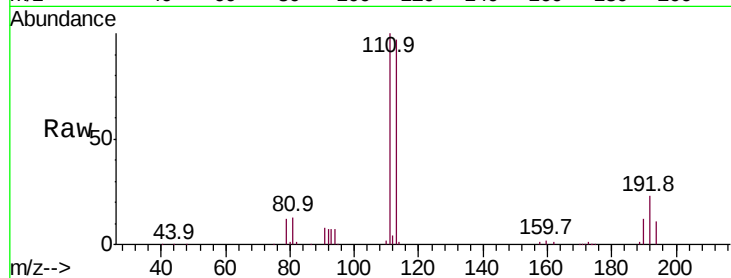




#35
 Dibromofluoromethane
 Concen: 55.805 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013376.D
 Acq: 02 Oct 2019 14:09

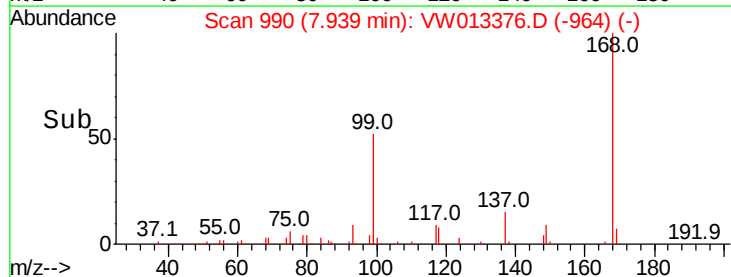
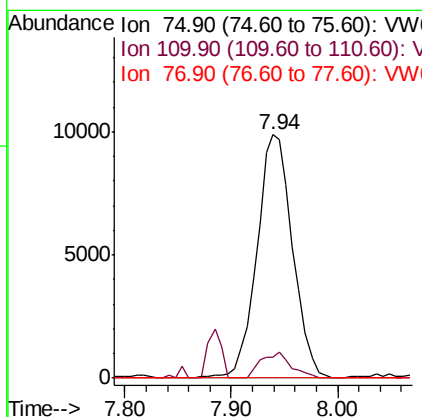
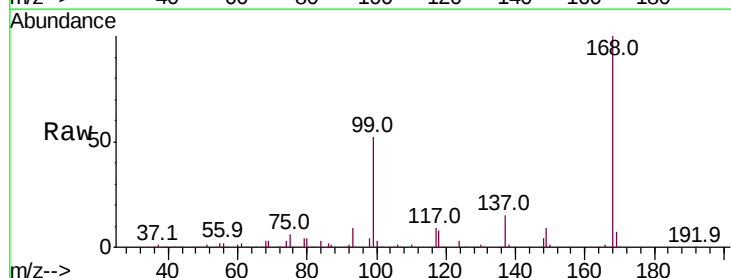
Instrument :
 MSVOA_W
 ClientSampleId :

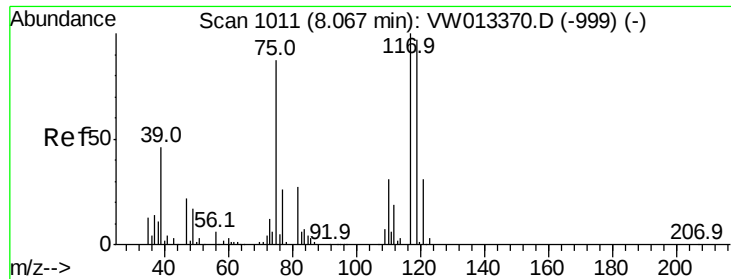
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	23.8	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013376.D
 Acq: 02 Oct 2019 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	25.8	38.6#

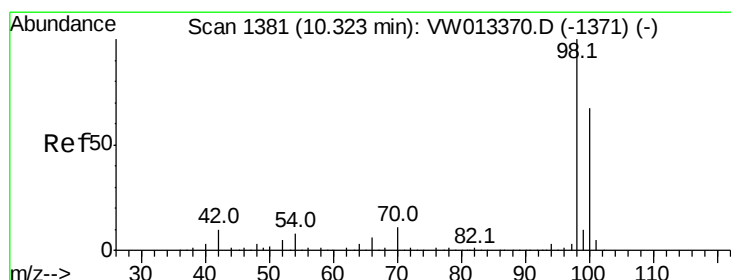
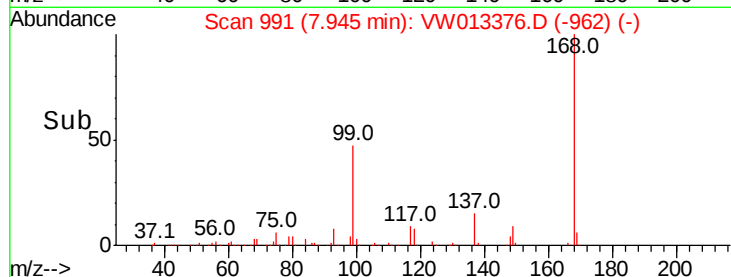
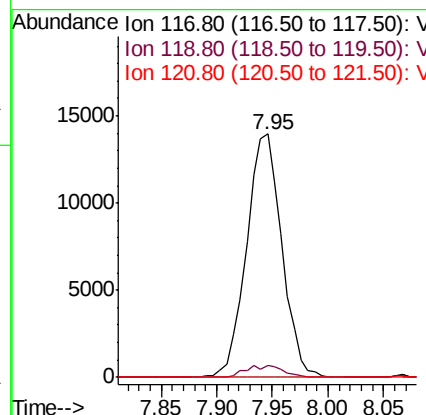
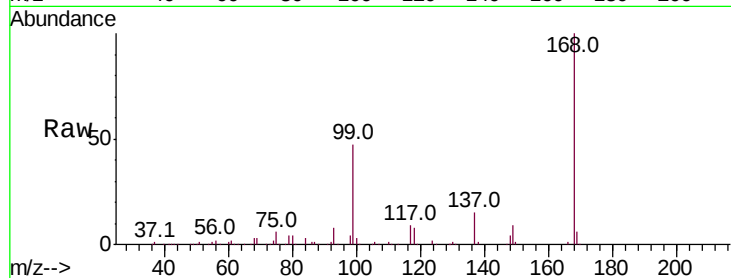




#38
Carbon Tetrachloride
Concen: 7.423 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013376.D
Acq: 02 Oct 2019 14:09

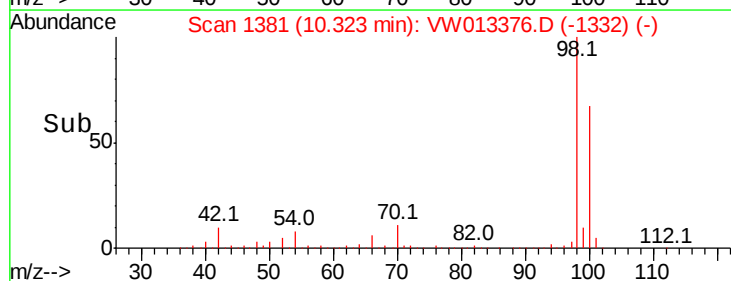
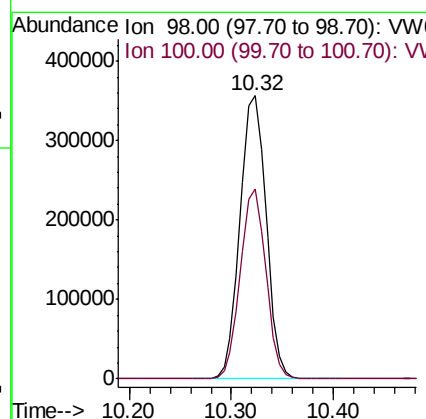
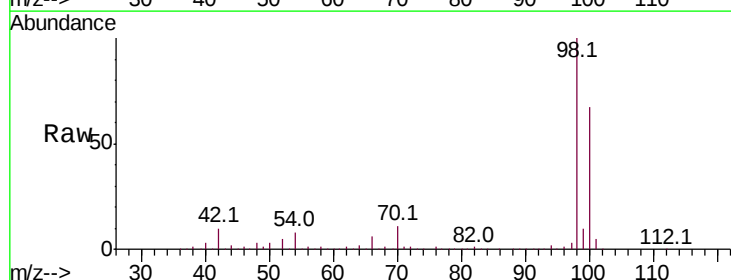
Instrument :
MSVOA_W
ClientSampled :

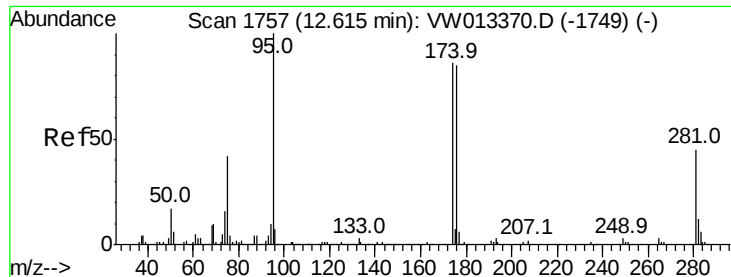
Tot Ion:117 Resp: 30712
Ion Ratio Lower Upper
117 100
119 5.1 73.5 110.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 56.674 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013376.D
Acq: 02 Oct 2019 14:09

Tgt Ion: 98 Resp: 634649
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

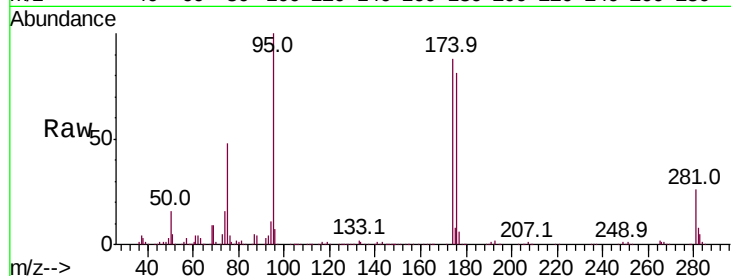




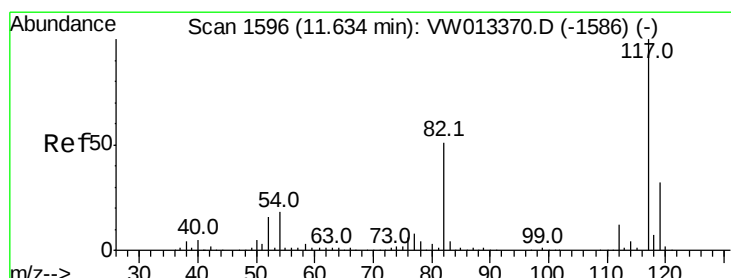
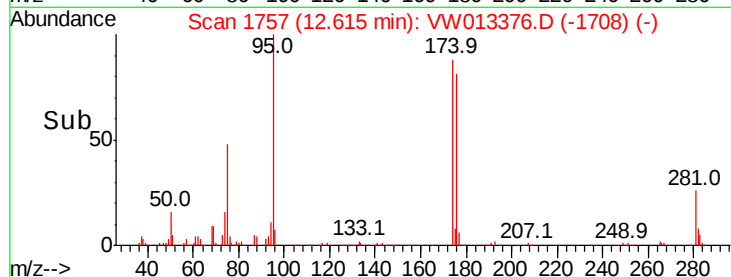
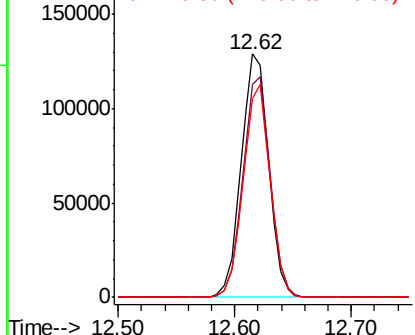
#62
4-Bromofluorobenzene
Concen: 56.637 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013376.D
Acq: 02 Oct 2019 14:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 211794
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.4
176 86.1 0.0 172.2

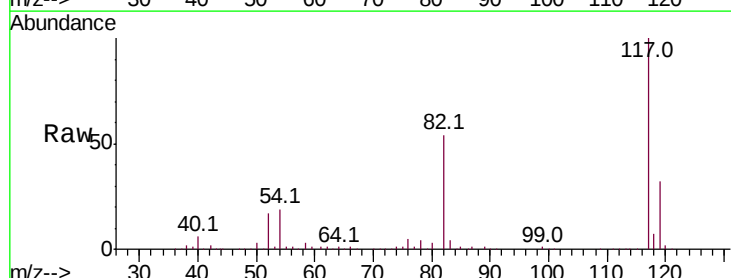


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

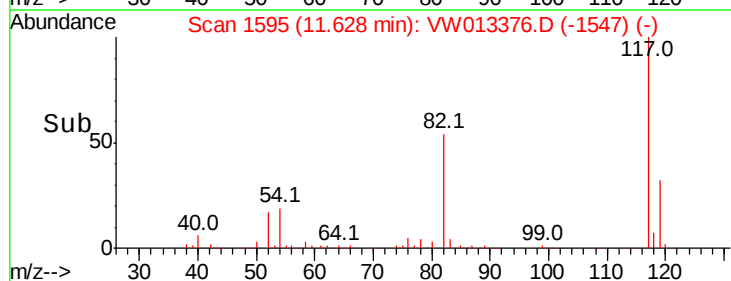
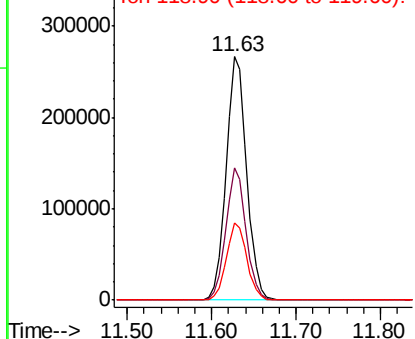


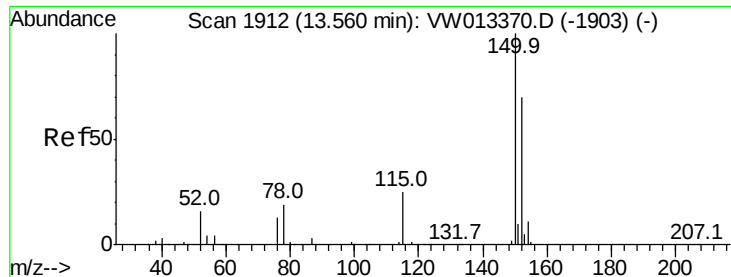
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013376.D
Acq: 02 Oct 2019 14:09

Tgt Ion: 117 Resp: 442805
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 31.7 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013376.D

Acq: 02 Oct 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

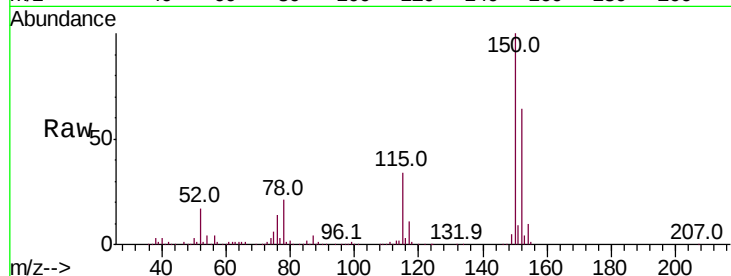
Tot Ion:152 Resp: 220272

Ion Ratio Lower Upper

152 100

115 54.8 27.3 81.9

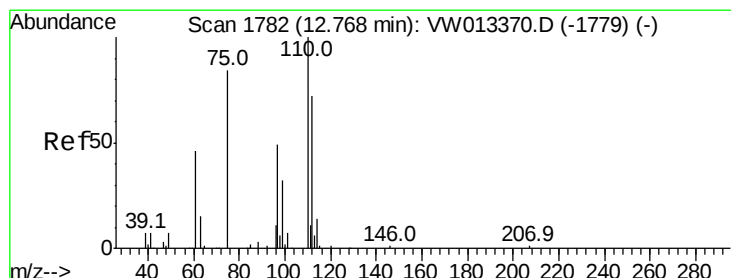
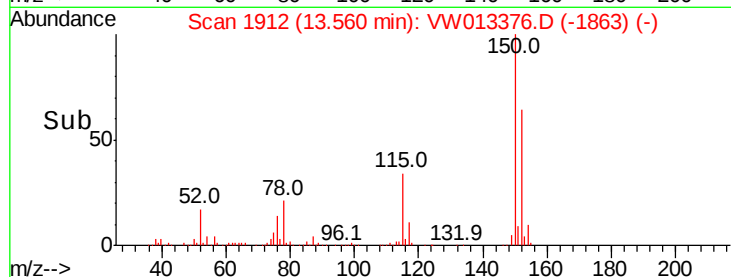
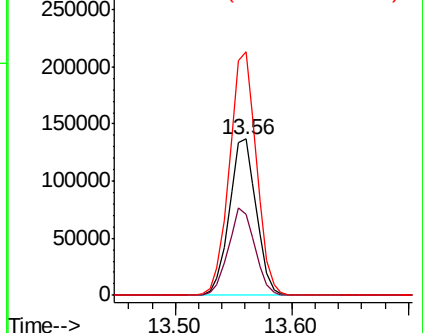
150 155.6 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 50.339 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013376.D

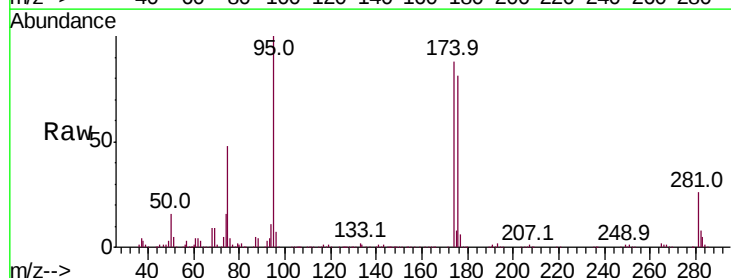
Acq: 02 Oct 2019 14:09

Tgt Ion: 75 Resp: 98550

Ion Ratio Lower Upper

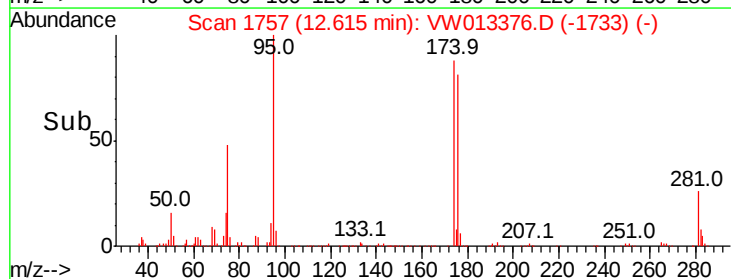
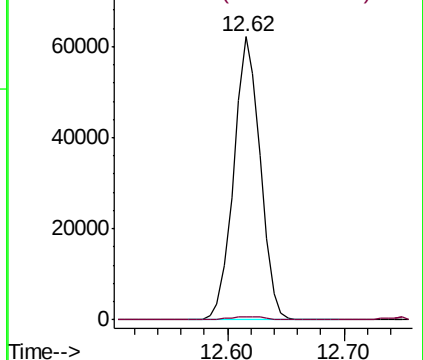
75 100

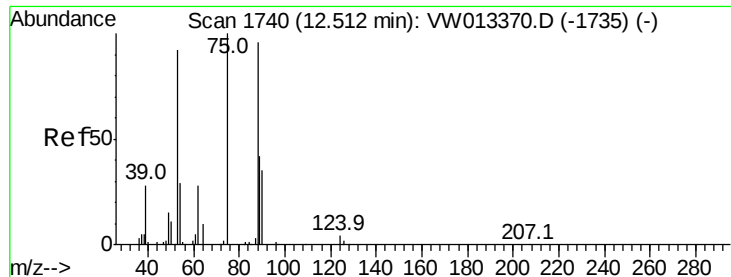
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 102.254 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013376.D

Acq: 02 Oct 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

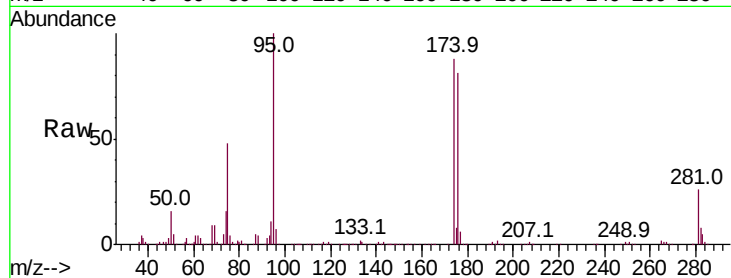
Tot Ion: 75 Resp: 98550

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.3 33.5 50.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

