

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013353.D
 Acq On : 01 Oct 2019 01:40
 Operator : SY/VA
 Sample : K4946-04
 Misc : 4.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (1-3)

Quant Time: Oct 01 05:42:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

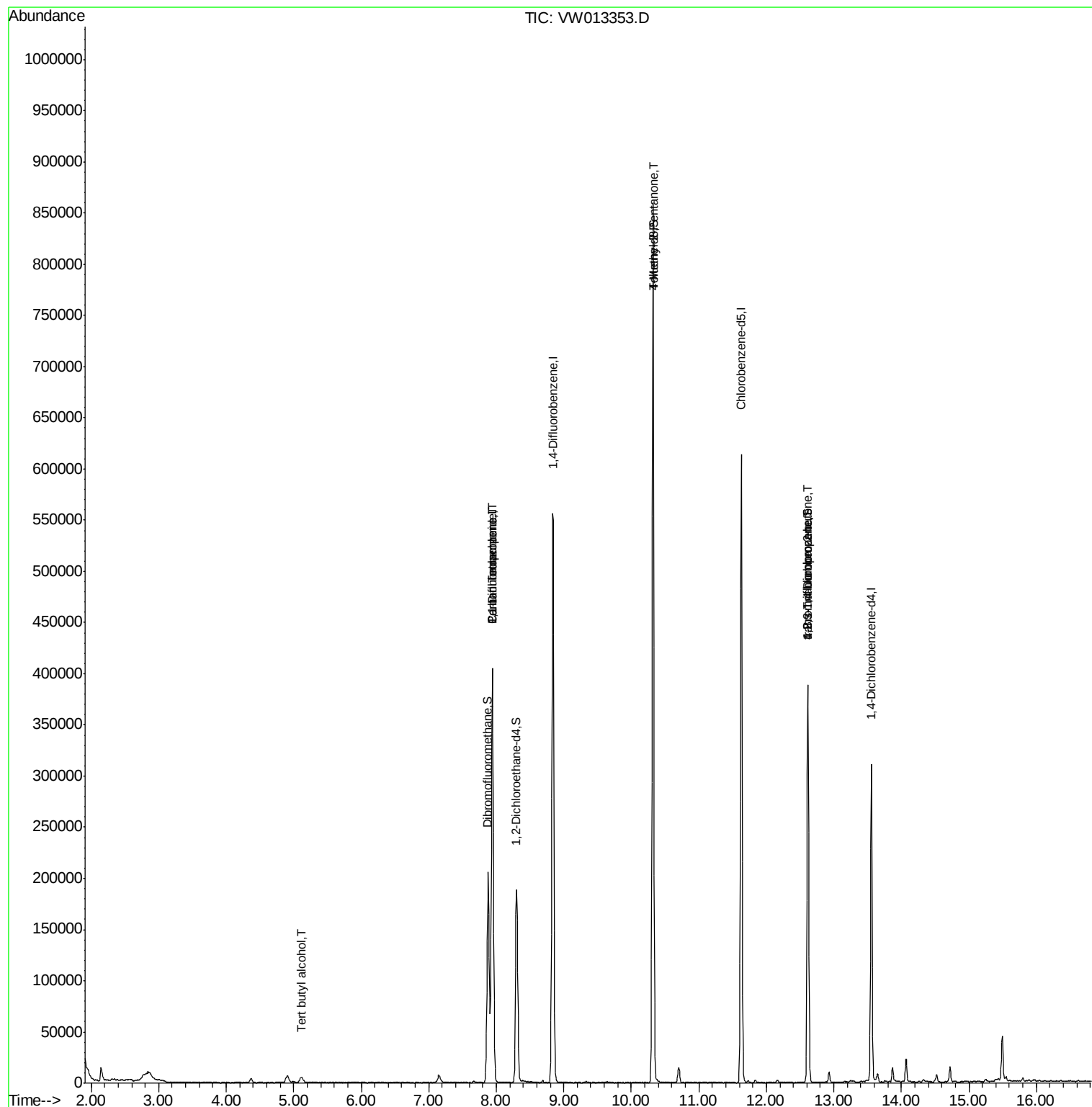
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153009	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
35) Dibromofluoromethane	7.88	113	149938	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
50) Toluene-d8	10.32	98	584234	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.62	95	123431	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.11	59	4976	15.629	ug/l #	73
20) Methylene Chloride	4.92	84	5194	Below Cal		95
26) 2,2-Dichloropropane	7.14	77	542	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	21486	4.429	ug/l #	49
38) Carbon Tetrachloride	7.95	117	29007	6.670	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2456	1.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	59034	74.734	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59034	167.698	ug/l #	12

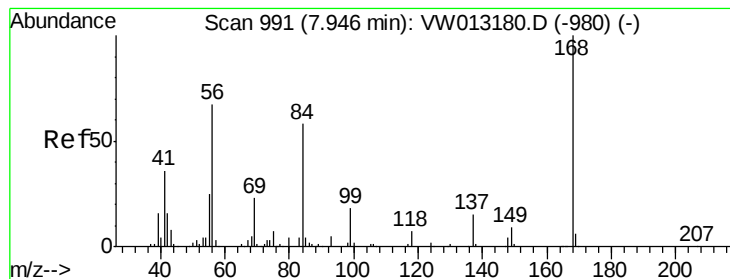
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GP-2 (1-3)

Quant Time: Oct 01 05:42:12 2019
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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013353.D

Acq: 01 Oct 2019 01:40

Instrument :

MSVOA_W

ClientSampleId :

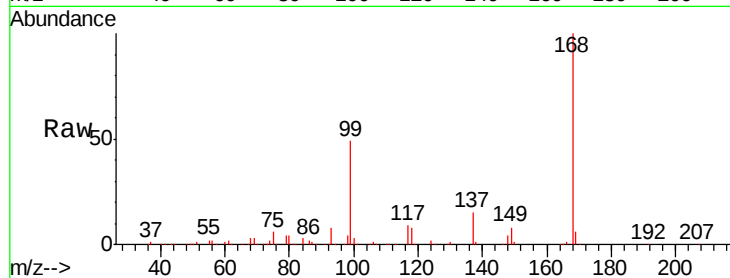
GP-2 (1-3)

Tgt Ion: 168 Resp: 337352

Ion Ratio Lower Upper

168 100

99 48.8 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

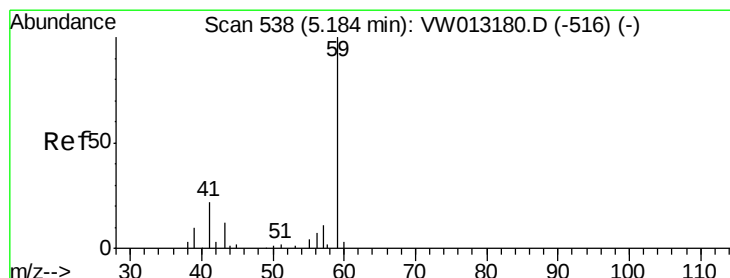
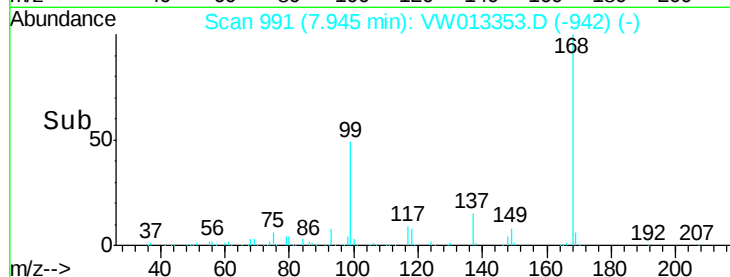
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 15.629 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW013353.D

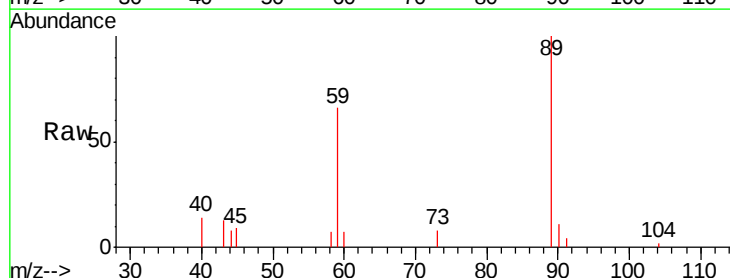
Acq: 01 Oct 2019 01:40

Tgt Ion: 59 Resp: 4976

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

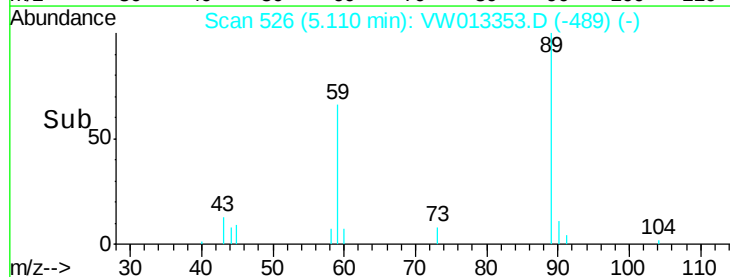
1500

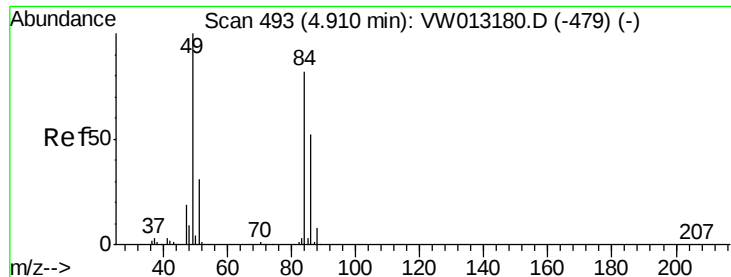
1000

500

0

Time--> 5.00 5.10 5.20

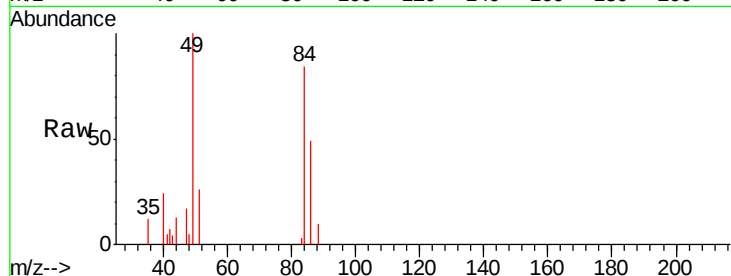




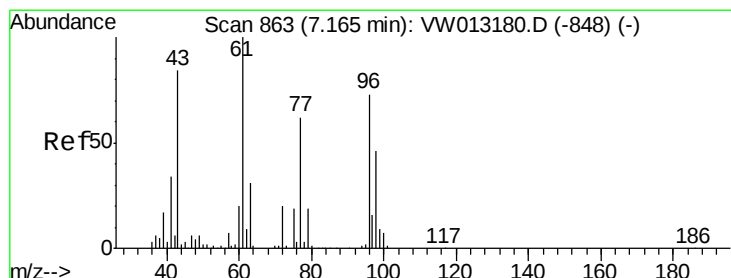
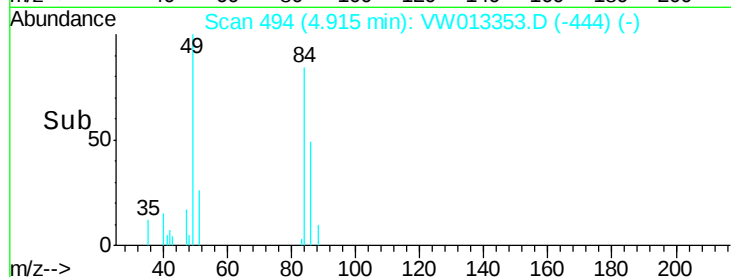
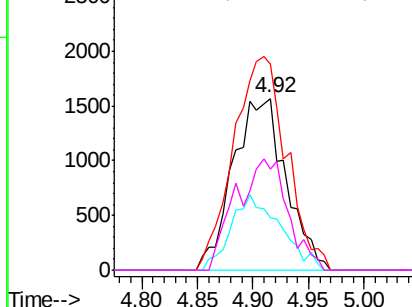
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Instrument :
MSVOA_W
ClientSampleId :
GP-2 (1-3)

Tgt Ion: 84 Resp: 5194
Ion Ratio Lower Upper
84 100
49 119.7 97.6 146.4
51 30.6 30.2 45.2
86 58.4 50.6 76.0

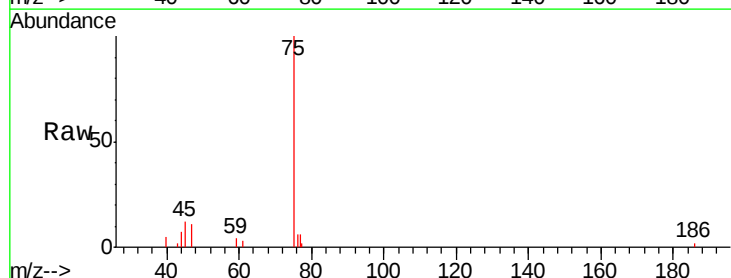


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

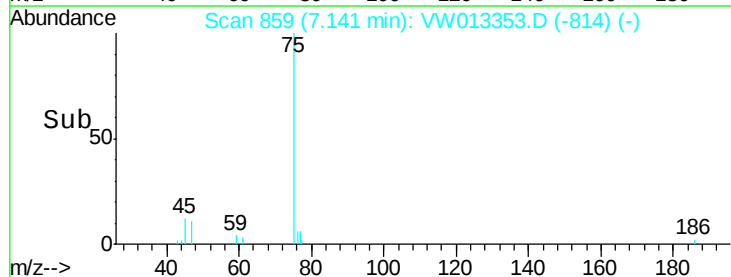
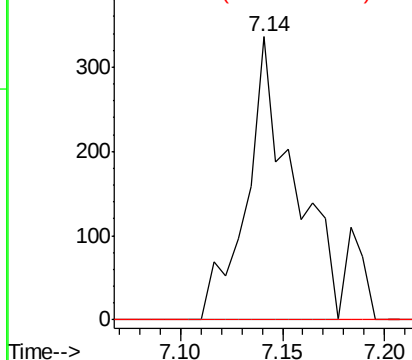


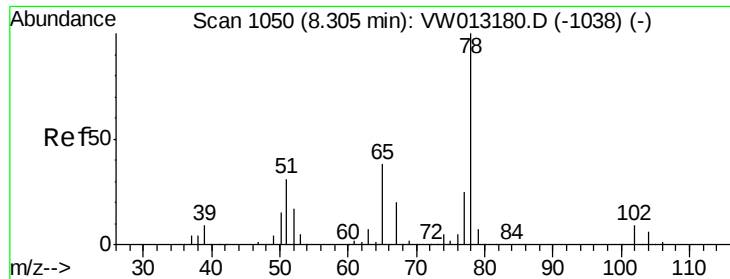
#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Tgt Ion: 77 Resp: 542
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

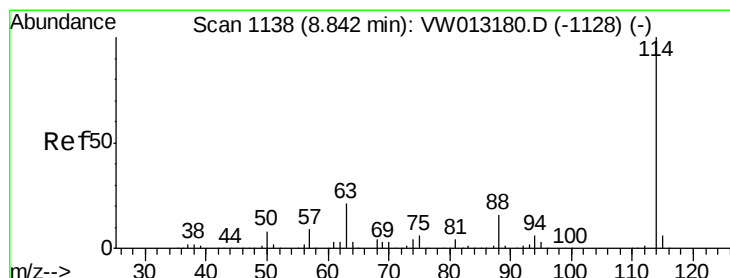
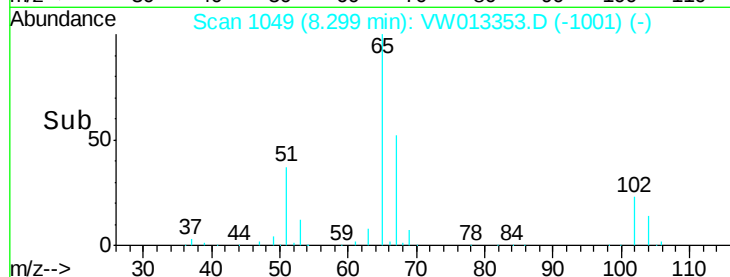
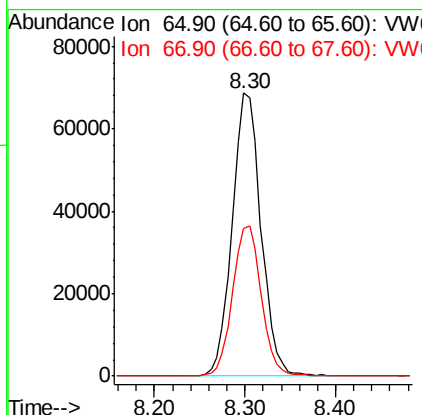
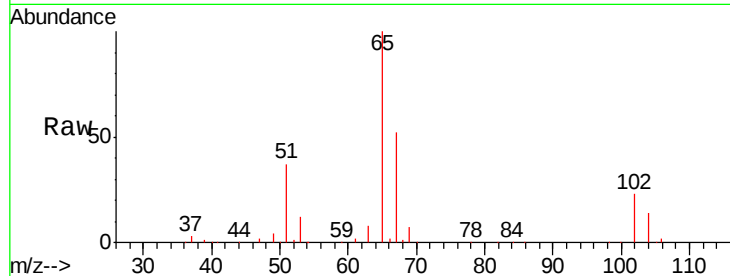




#33
 1,2-Dichloroethane-d4
 Concen: 55.573 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

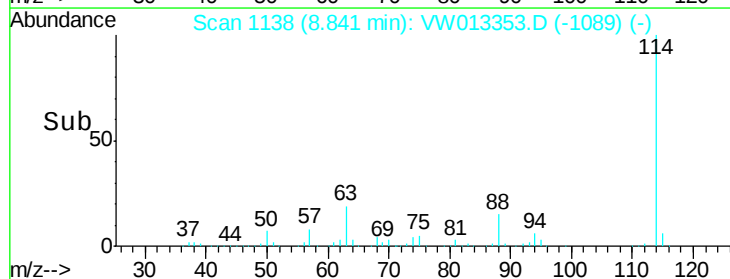
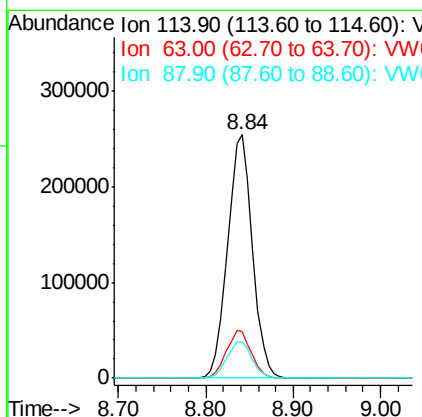
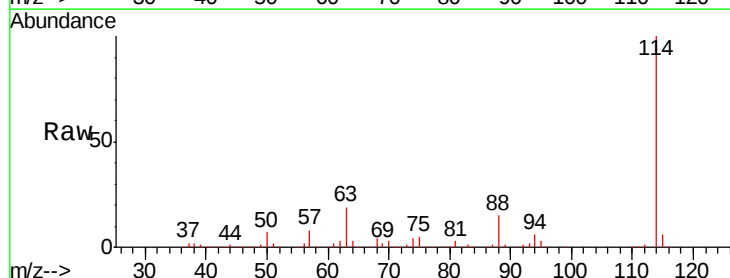
Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (1-3)

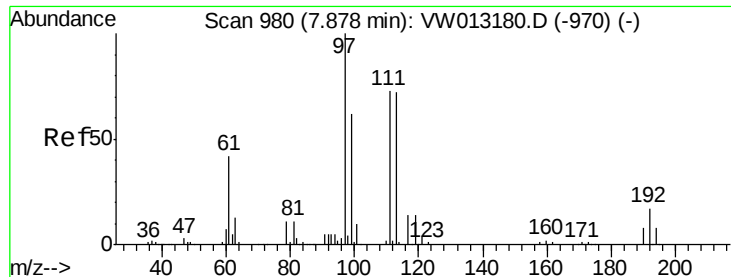
Tgt Ion: 65 Resp: 153009
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

Tgt Ion: 114 Resp: 500885
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.427 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013353.D

Acq: 01 Oct 2019 01:40

Instrument :

MSVOA_W

ClientSampleId :

GP-2 (1-3)

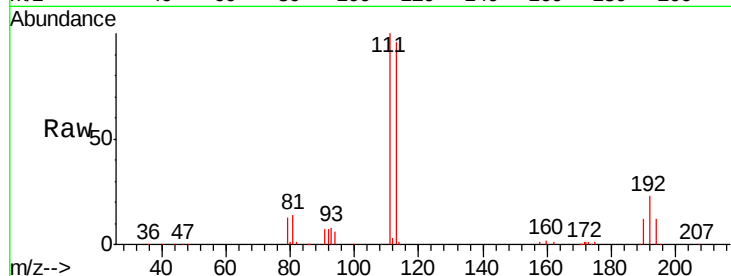
Tgt Ion: 113 Resp: 149938

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

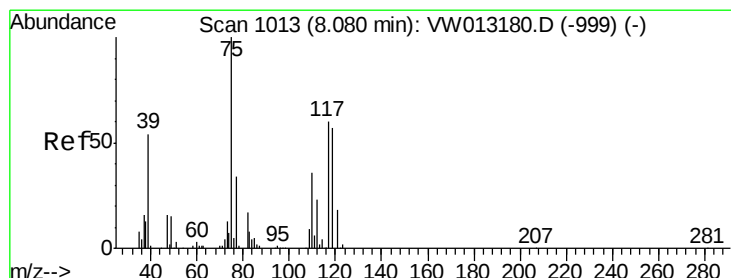
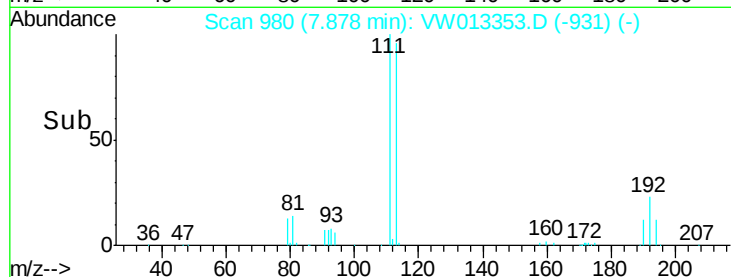
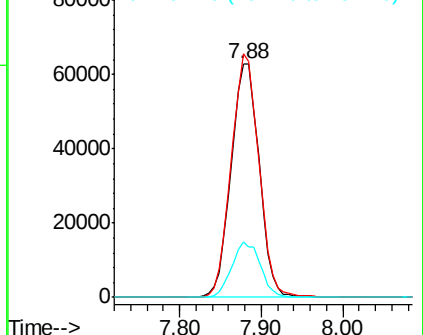
192 23.8 19.1 28.7



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: 4.429 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013353.D

Acq: 01 Oct 2019 01:40

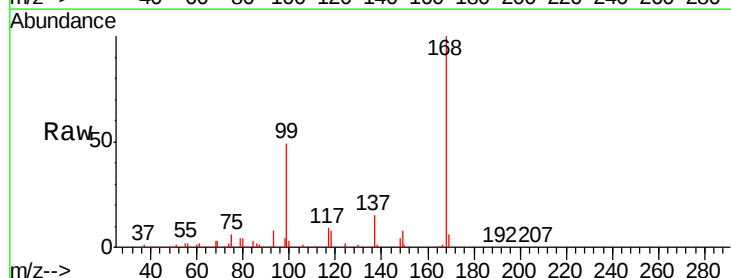
Tgt Ion: 75 Resp: 21486

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

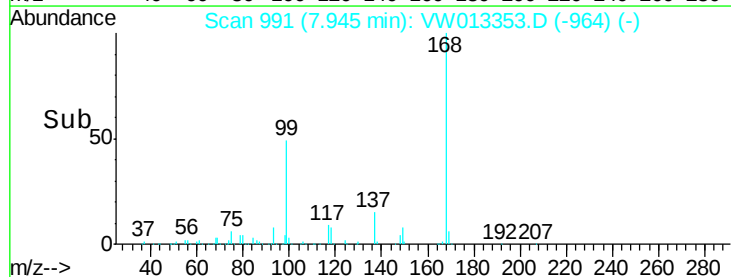
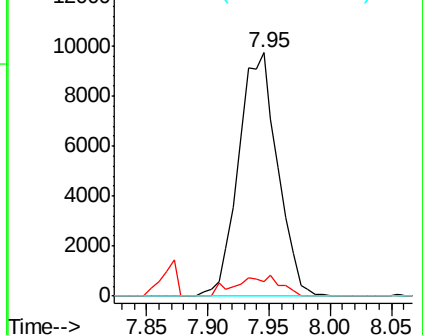
77 0.0 25.8 38.6#

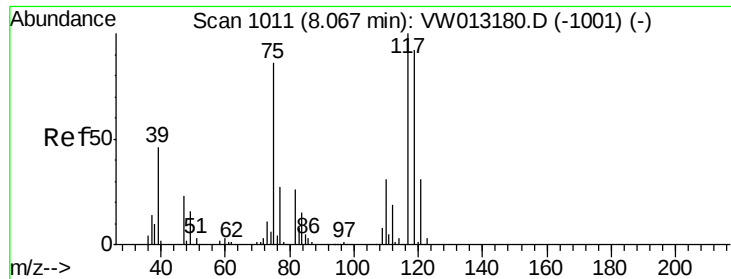


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

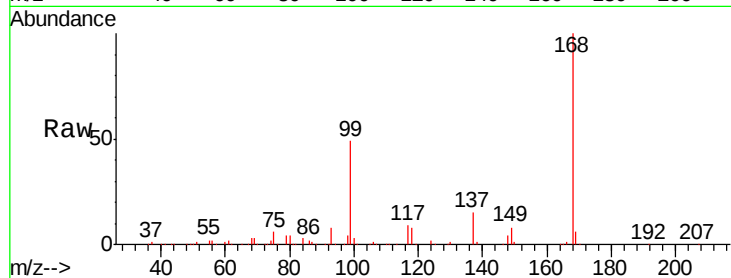




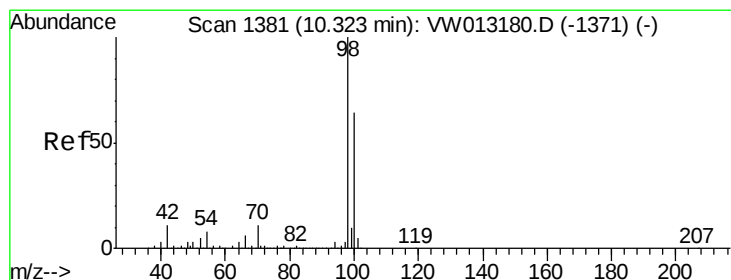
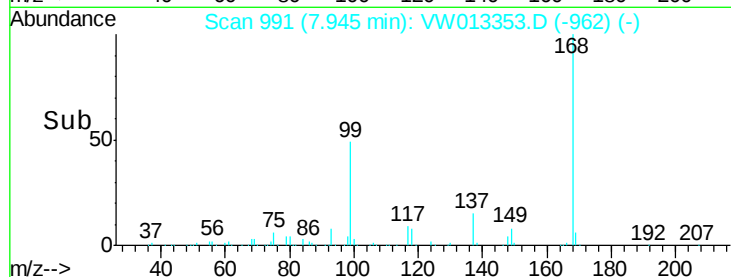
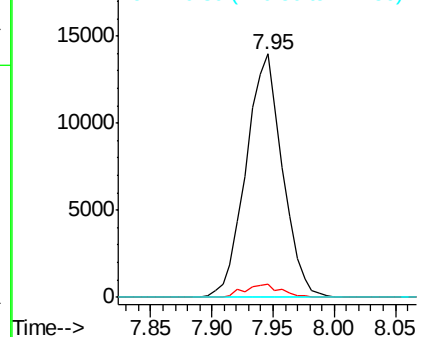
#38
Carbon Tetrachloride
Concen: 6.670 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Instrument :
MSVOA_W
ClientSampled :
GP-2 (1-3)

Tgt Ion:117 Resp: 29007
Ion Ratio Lower Upper
117 100
119 5.2 73.5 110.3#
121 0.0 25.0 37.6#

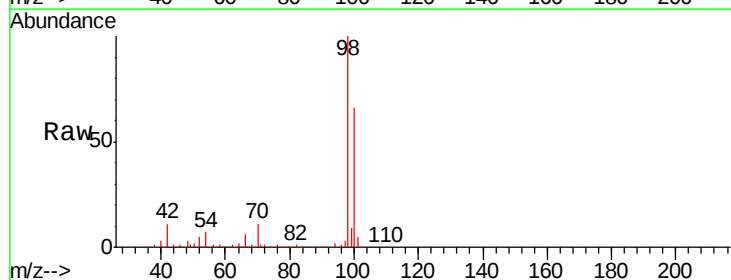


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

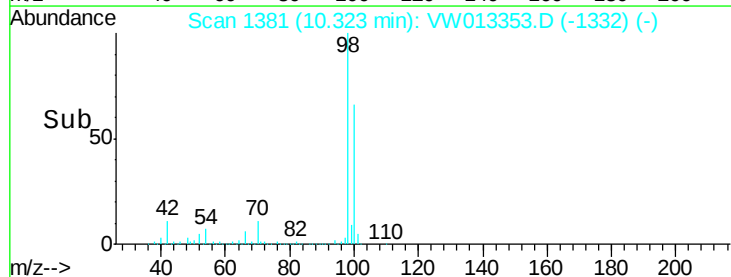
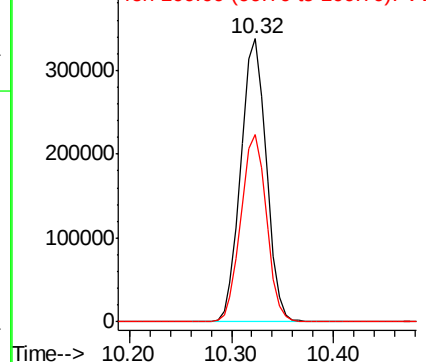


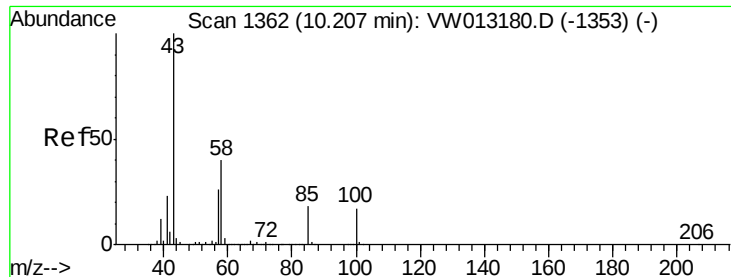
#50
Toluene-d8
Concen: 50.673 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Tgt Ion: 98 Resp: 584234
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

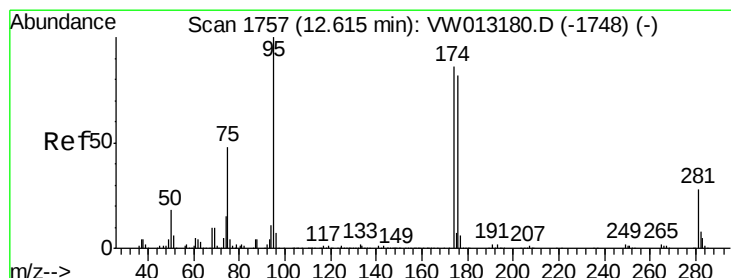
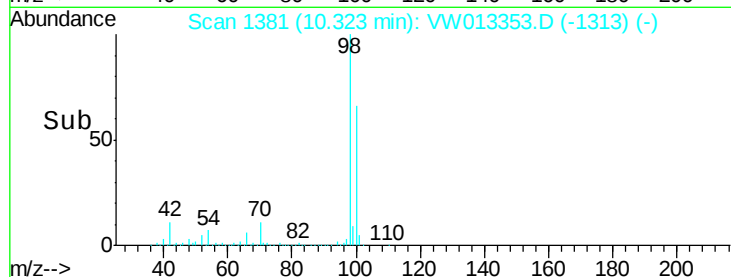
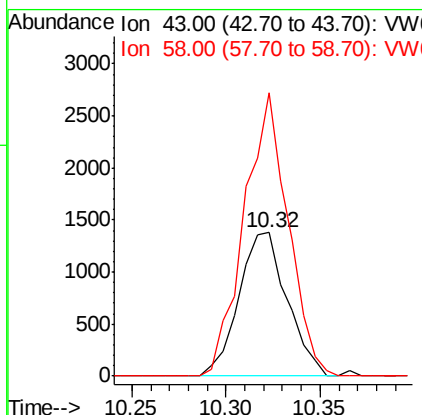
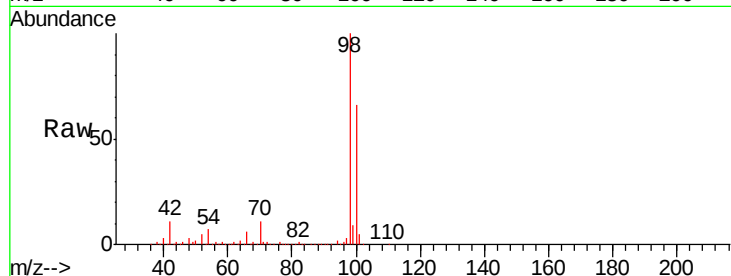




#51
 4-Methyl-2-Pentanone
 Concen: 1.240 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.12 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

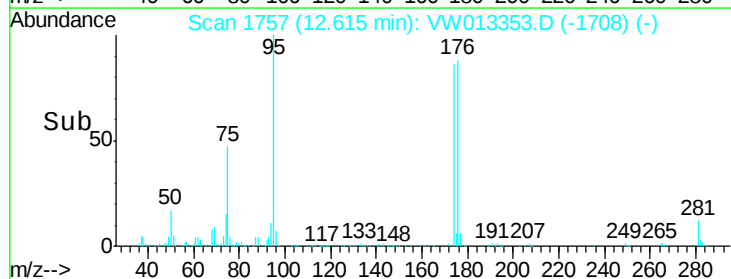
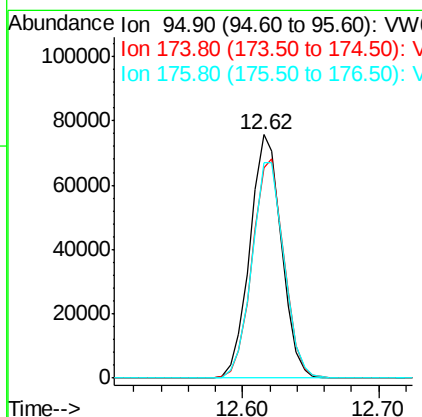
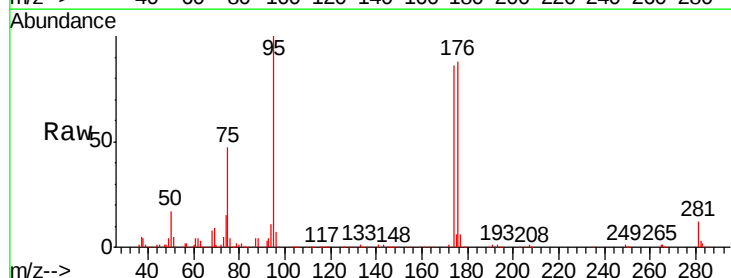
Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (1-3)

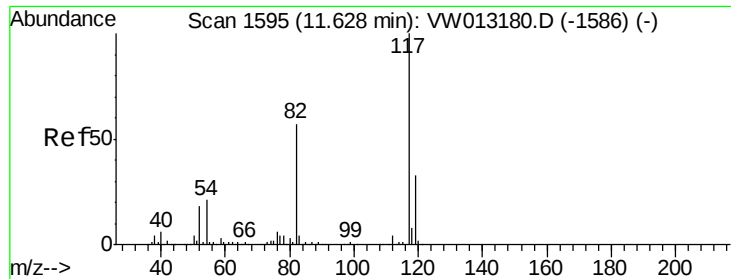
Tgt Ion: 43 Resp: 2456
 Ion Ratio Lower Upper
 43 100
 58 178.8 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 31.341 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

Tgt Ion: 95 Resp: 123431
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 178.4
 176 90.5 0.0 172.2

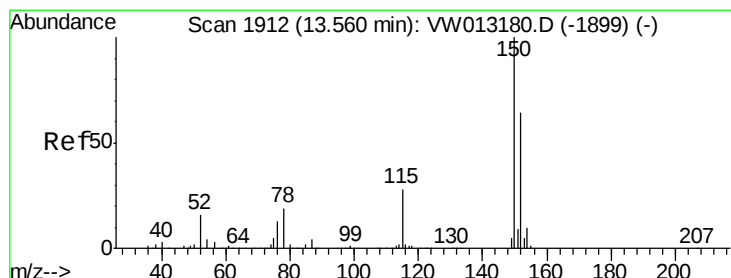
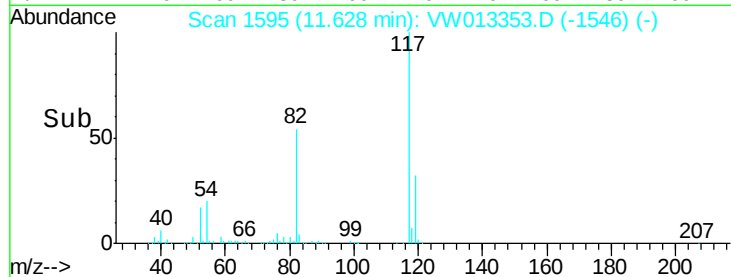
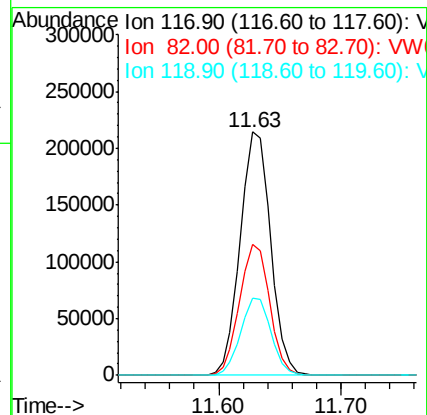
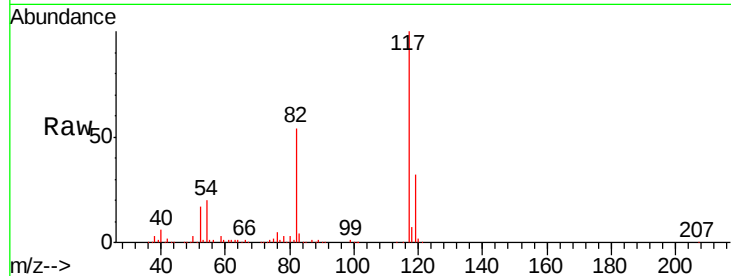




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

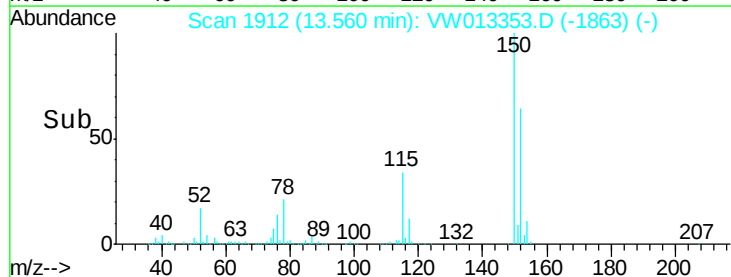
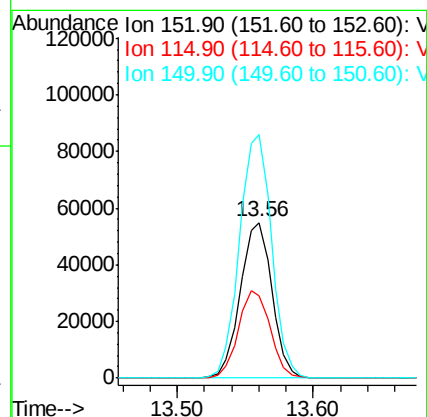
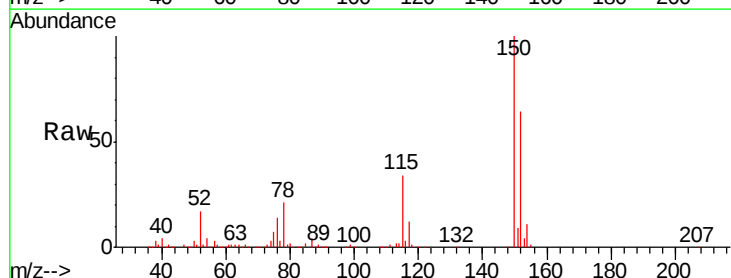
Instrument :
MSVOA_W
ClientSampleId :
GP-2 (1-3)

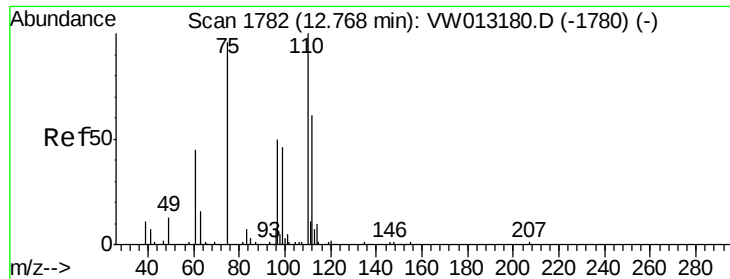
Tgt Ion:117 Resp: 370022
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Tgt Ion:152 Resp: 89445
Ion Ratio Lower Upper
152 100
115 56.2 27.3 81.9
150 158.7 0.0 349.0

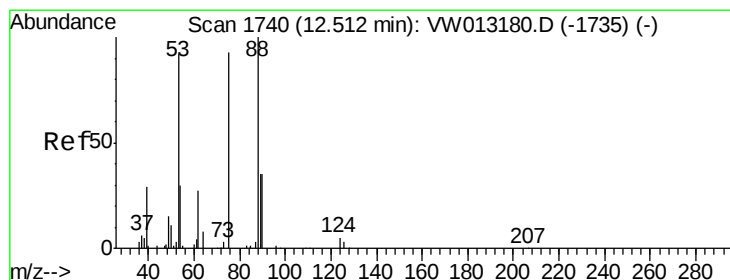
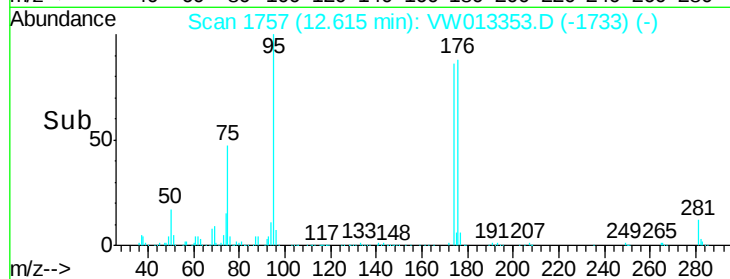
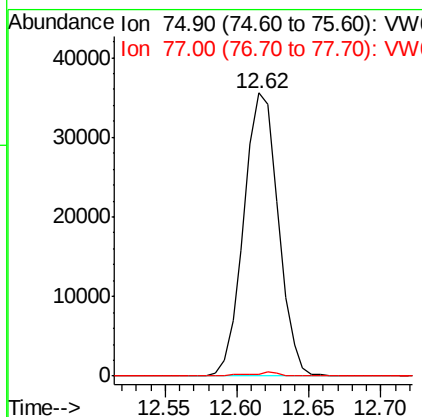
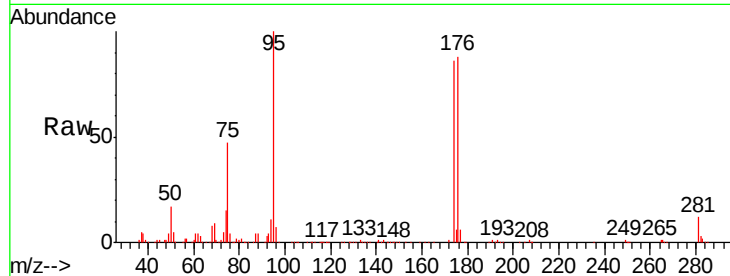




#76
 1,2,3-Trichloropropane
 Concen: 74.734 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (1-3)

Tgt Ion: 75 Resp: 59034
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.698 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013353.D
 Acq: 01 Oct 2019 01:40

Tgt Ion: 75 Resp: 59034
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.6 114.8#
 89 0.2 33.5 50.3#

