

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013356.D
 Acq On : 01 Oct 2019 02:57
 Operator : SY/VA
 Sample : K4946-07
 Misc : 6.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-3 (10-12)

Quant Time: Oct 01 05:42:58 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	354567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192324	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	147167	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	150842	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.32	98	610299	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	186256	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	

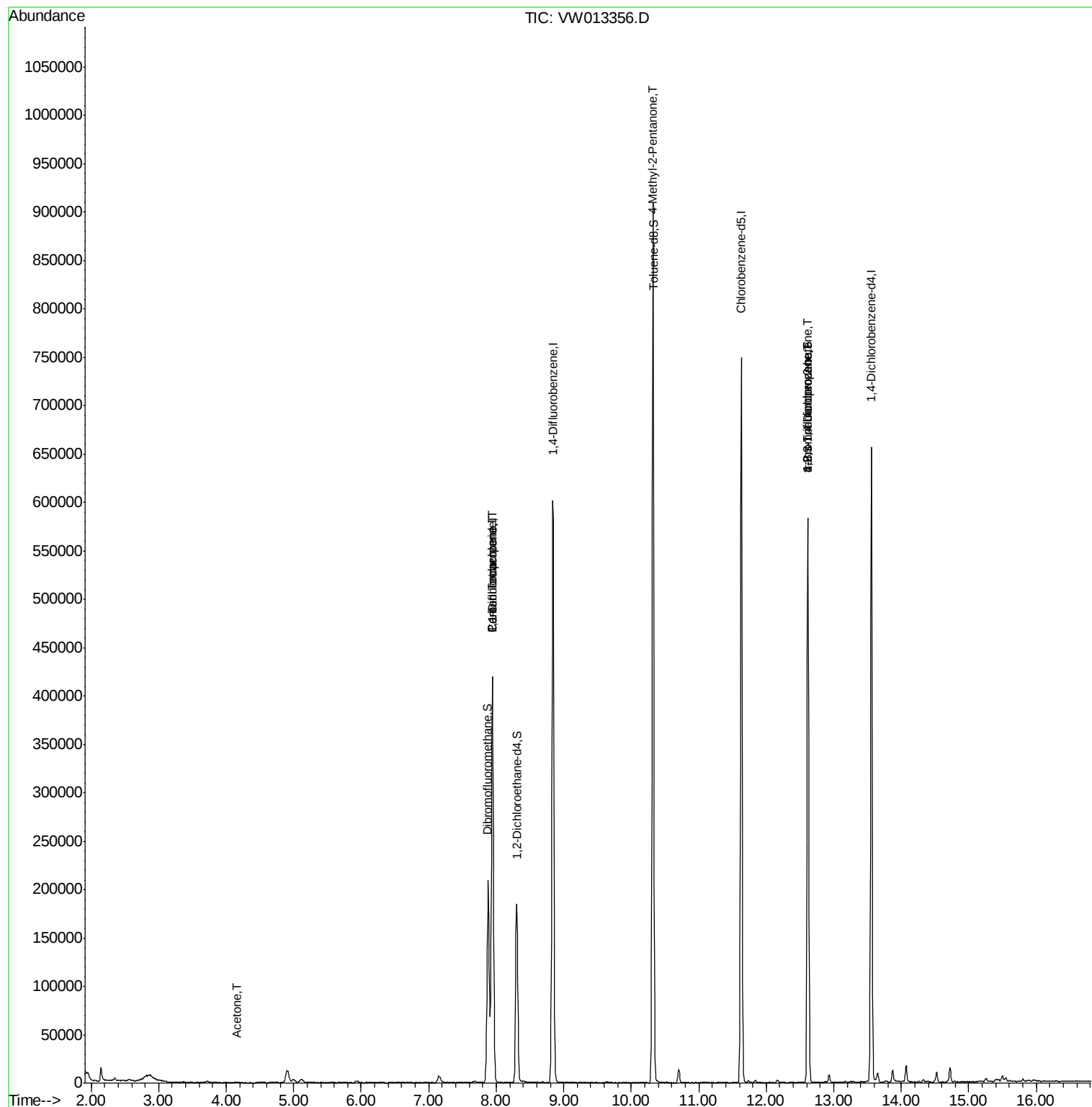
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	200	Below Cal	#	73
16) Acetone	4.16	43	758	1.162	ug/l #	45
26) 2,2-Dichloropropane	7.14	77	367	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	21938	4.234	ug/l #	49
38) Carbon Tetrachloride	7.95	117	30345	6.534	ug/l #	18
51) 4-Methyl-2-Pentanone	10.31	43	2401	1.135	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	87559	51.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87559	115.677	ug/l #	12

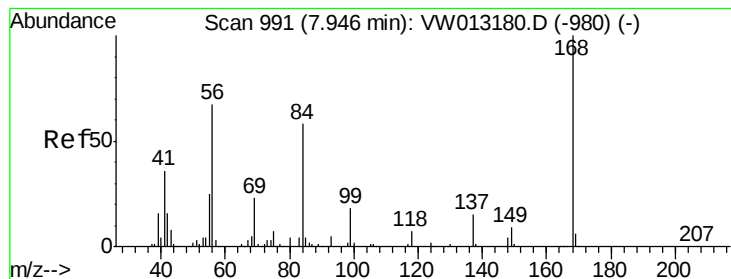
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
Data File : VW013356.D
Acq On : 01 Oct 2019 02:57
Operator : SY/VA
Sample : K4946-07
Misc : 6.80G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GP-3_(10-12)

Quant Time: Oct 01 05:42:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
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: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

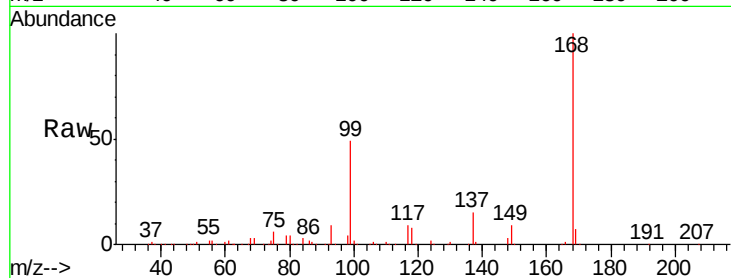
GP-3 (10-12)

Tgt Ion: 168 Resp: 354567

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

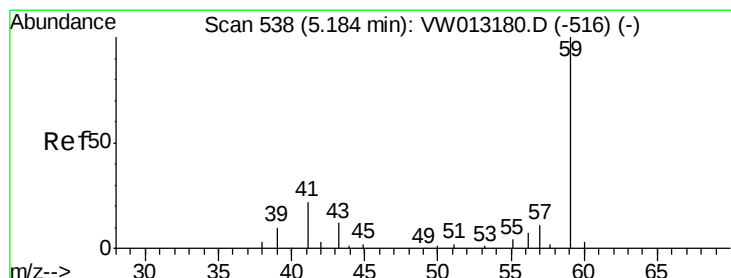
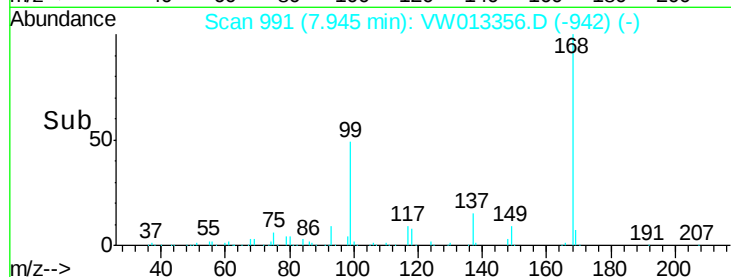
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW013356.D

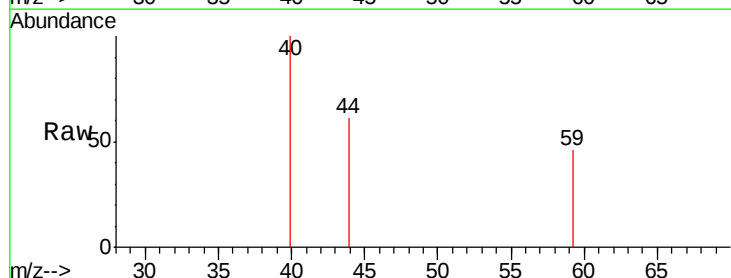
Acq: 01 Oct 2019 02:57

Tgt Ion: 59 Resp: 200

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

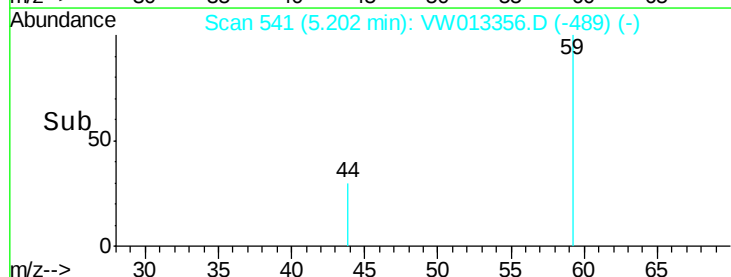
150

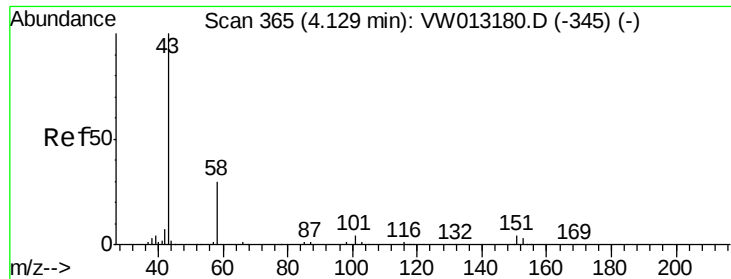
100

50

0

Time-->





#16

Acetone

Concen: 1.162 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampled :

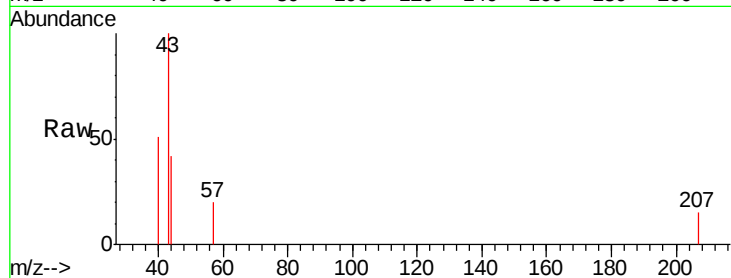
GP-3 (10-12)

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

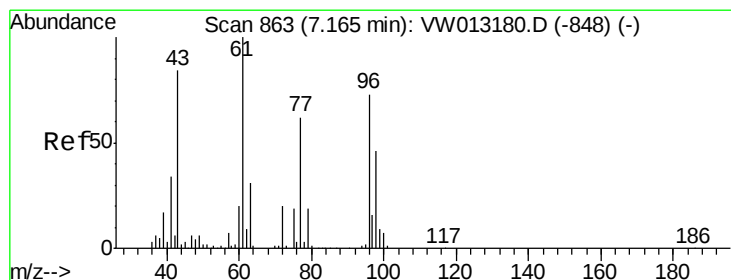
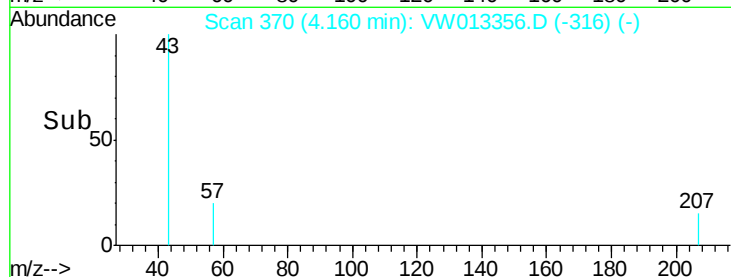
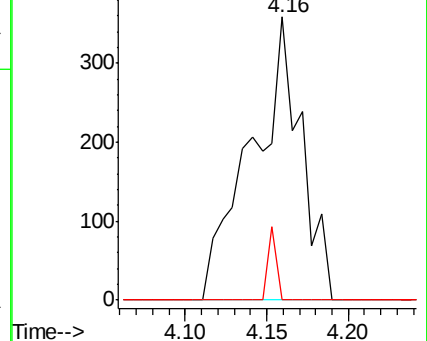
43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013356.D

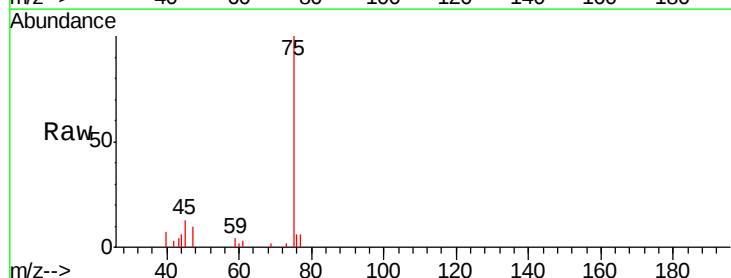
Acq: 01 Oct 2019 02:57

Tgt Ion: 77 Resp: 367

Ion Ratio Lower Upper

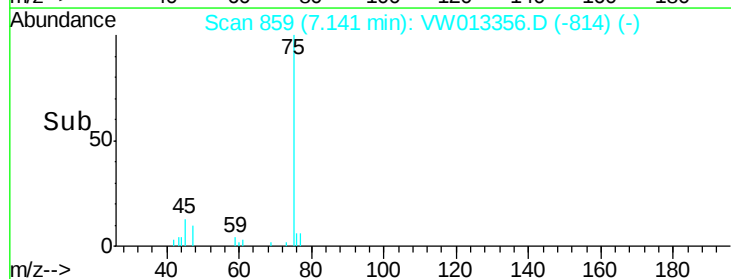
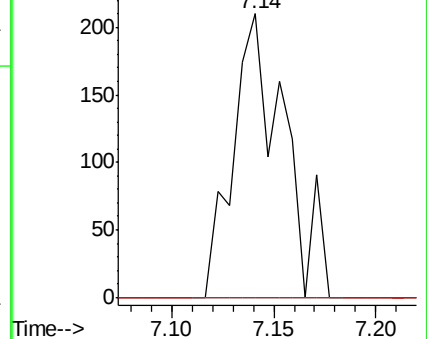
77 100

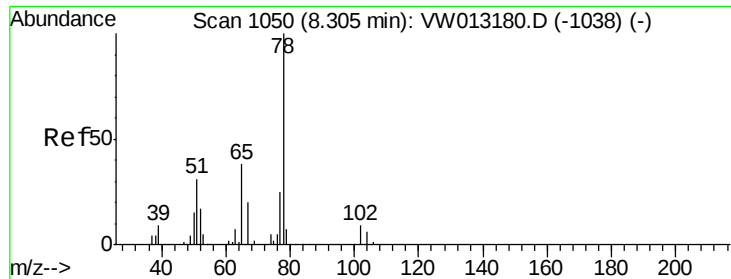
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

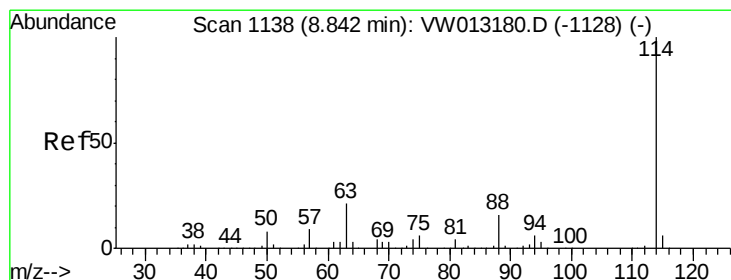
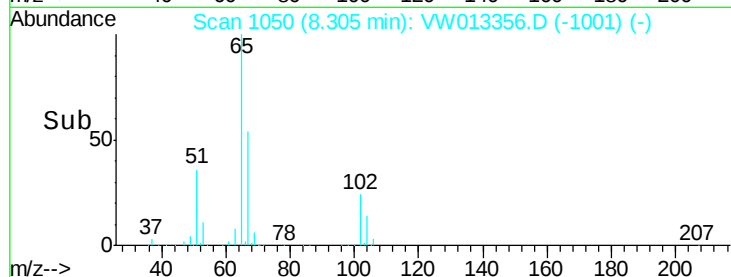
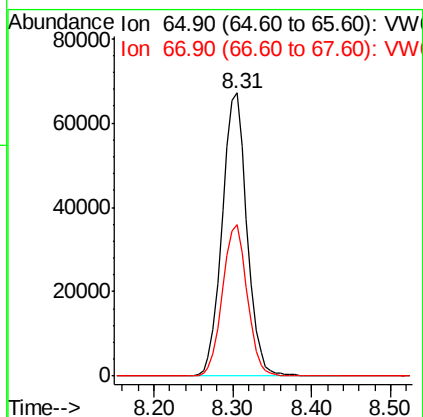
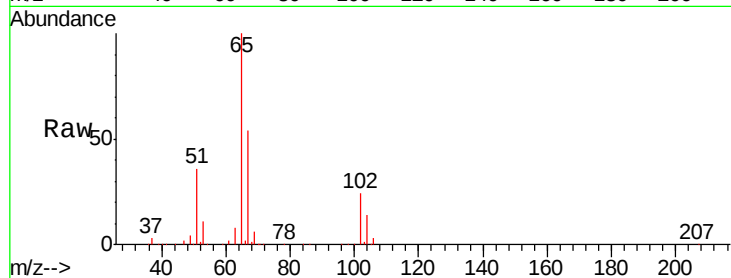




#33
 1,2-Dichloroethane-d4
 Concen: 50.856 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

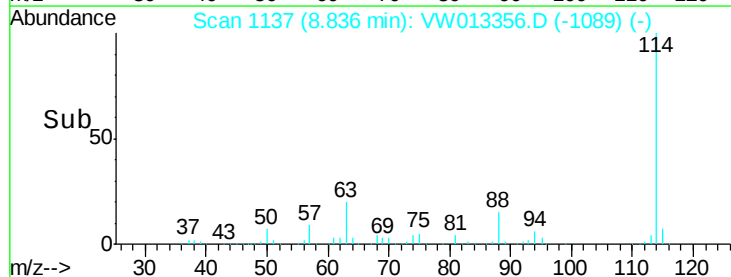
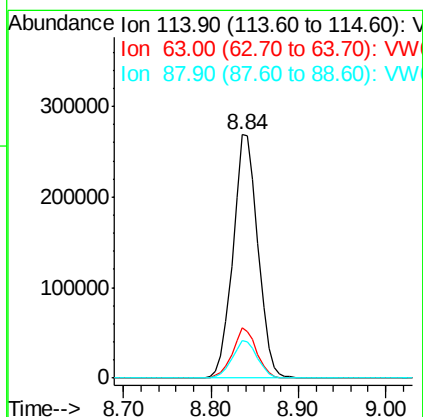
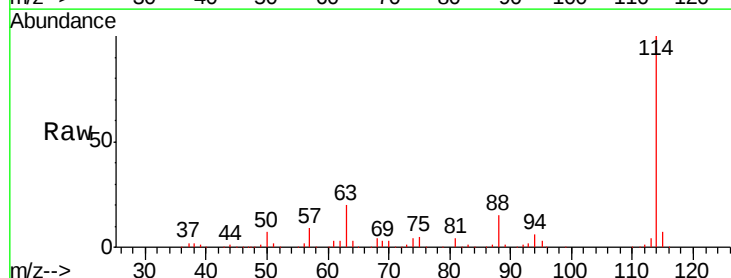
Instrument :
 MSVOA_W
 ClientSampleId :
 GP-3_(10-12)

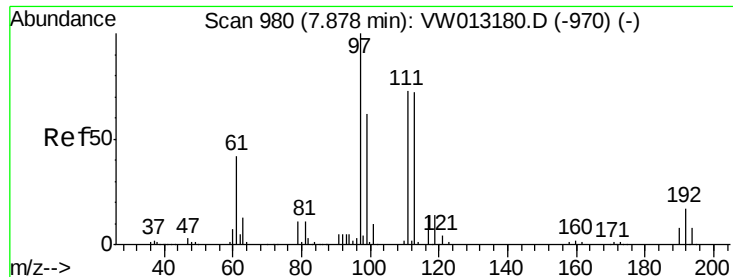
Tgt Ion: 65 Resp: 147167
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

Tgt Ion: 114 Resp: 534906
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.2 0.0 32.0

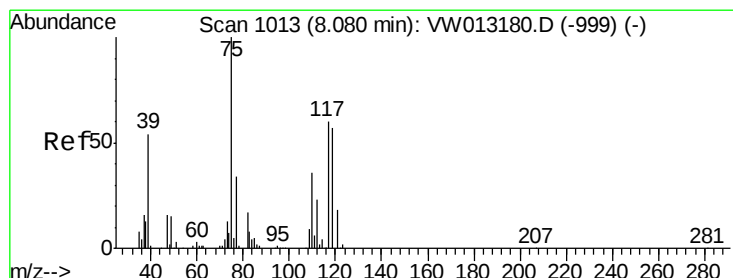
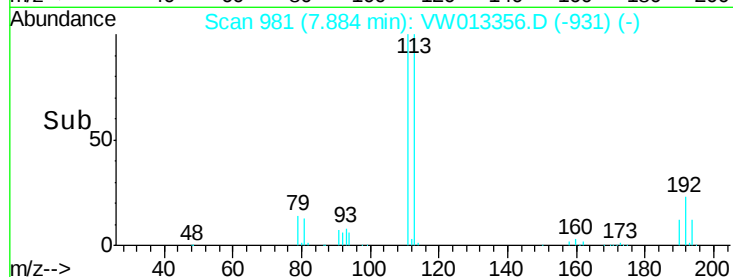
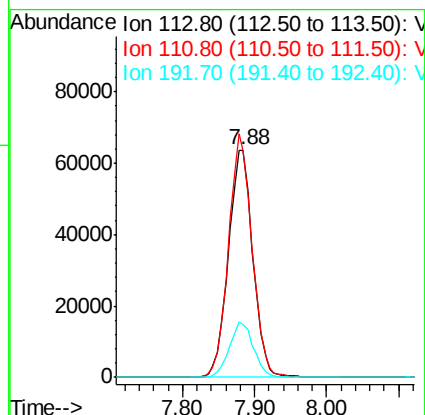
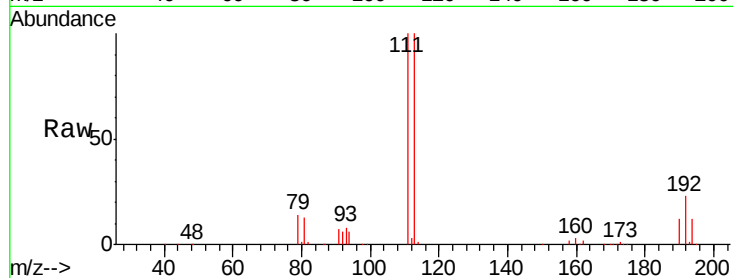




#35
 Dibromofluoromethane
 Concen: 51.272 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

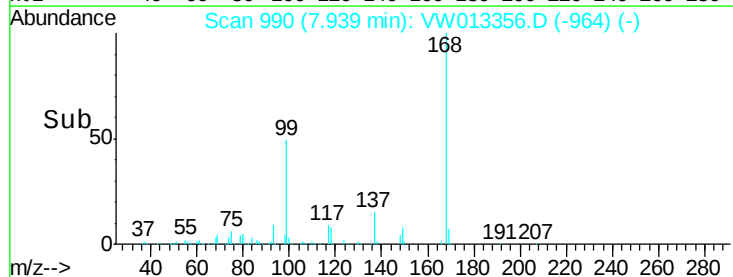
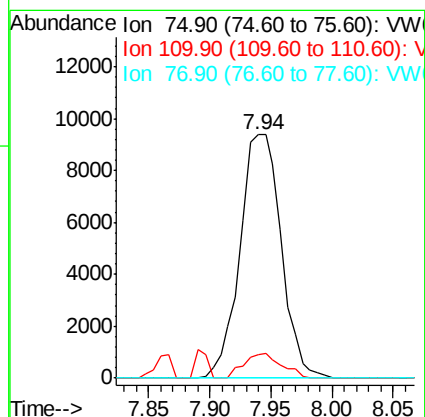
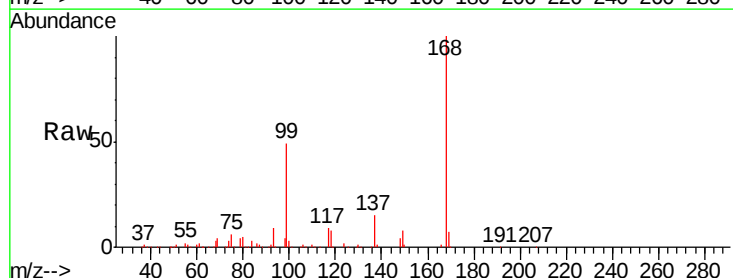
Instrument :
 MSVOA_W
 ClientSampleId :
 GP-3 (10-12)

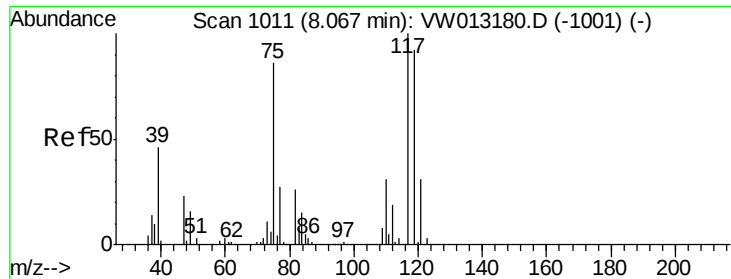
Tgt Ion: 113 Resp: 150842
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.234 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

Tgt Ion: 75 Resp: 21938
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.3#
 77 0.0 25.8 38.6#

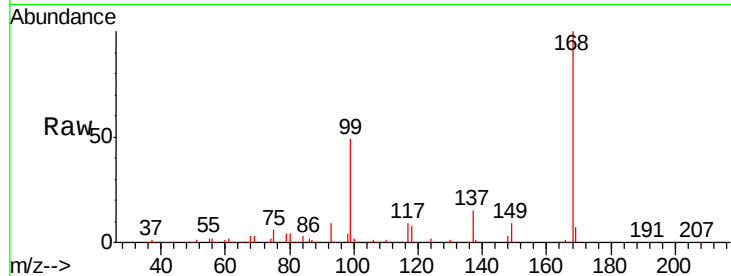




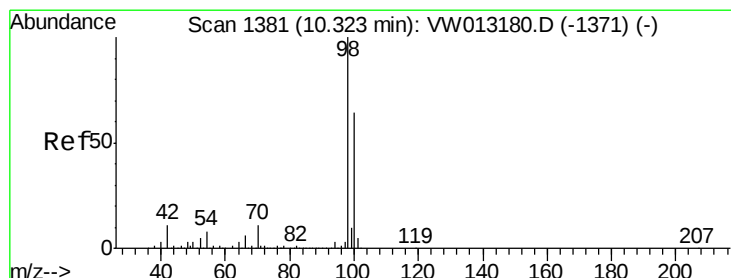
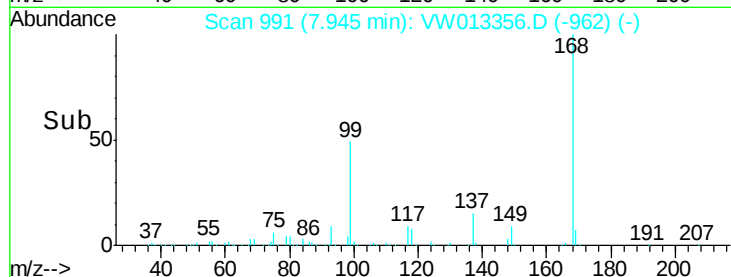
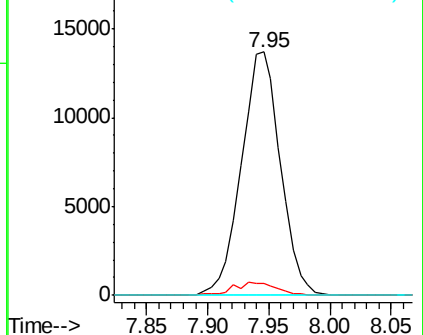
#38
Carbon Tetrachloride
Concen: 6.534 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013356.D
Acq: 01 Oct 2019 02:57

Instrument :
MSVOA_W
ClientSampled :
GP-3 (10-12)

Tgt Ion:117 Resp: 30345
Ion Ratio Lower Upper
117 100
119 4.9 73.5 110.3#
121 0.0 25.0 37.6#

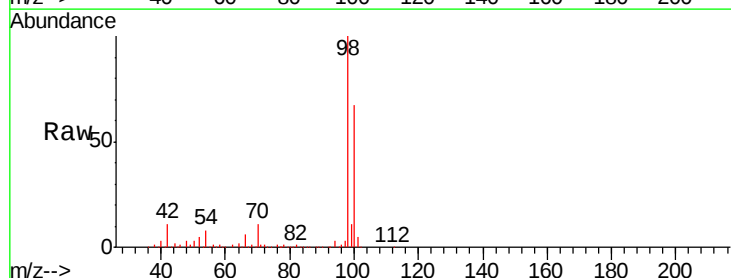


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

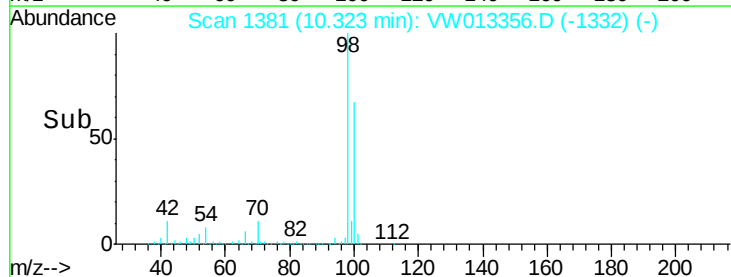
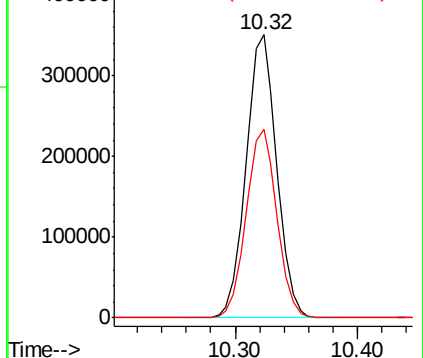


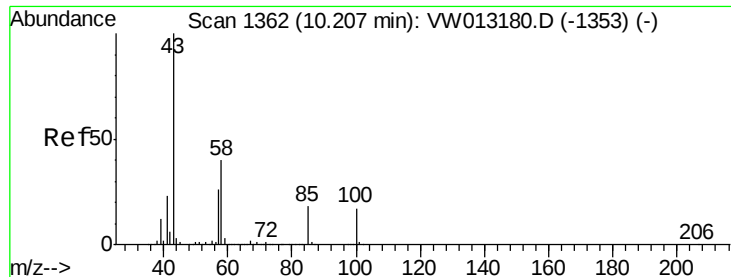
#50
Toluene-d8
Concen: 49.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013356.D
Acq: 01 Oct 2019 02:57

Tgt Ion: 98 Resp: 610299
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



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

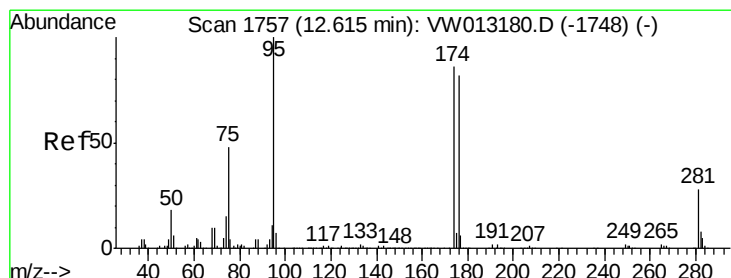
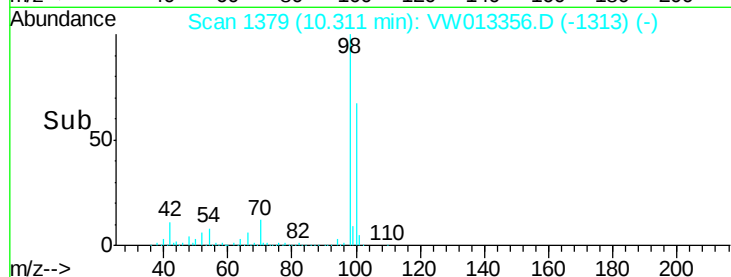
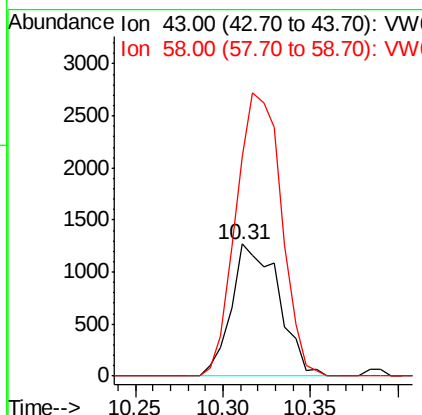
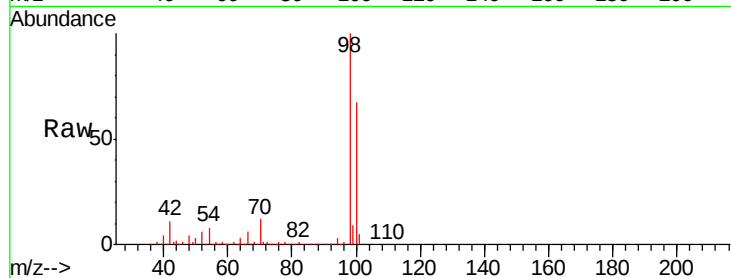




#51
 4-Methyl-2-Pentanone
 Concen: 1.135 ug/l
 RT: 10.31 min Scan# 1379
 Delta R.T. 0.10 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

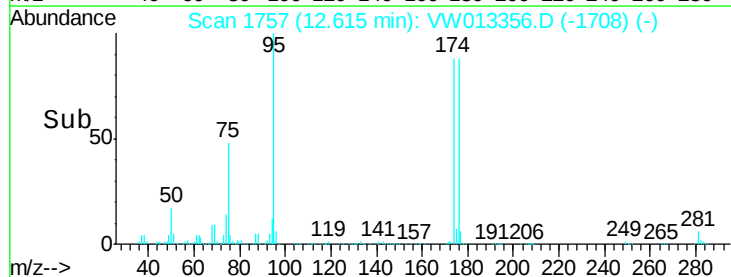
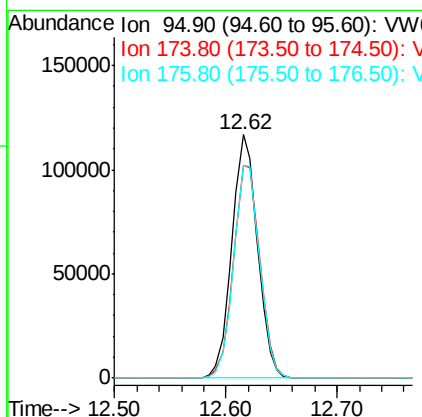
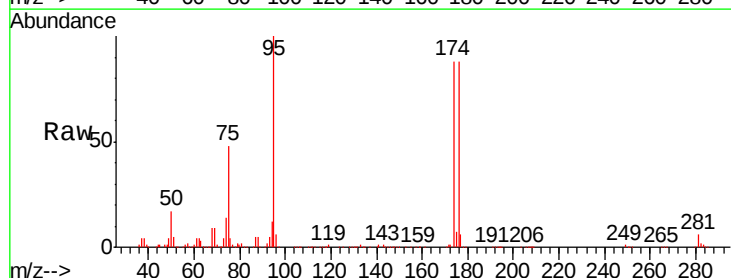
Instrument :
 MSVOA_W
 ClientSampled :
 GP-3 (10-12)

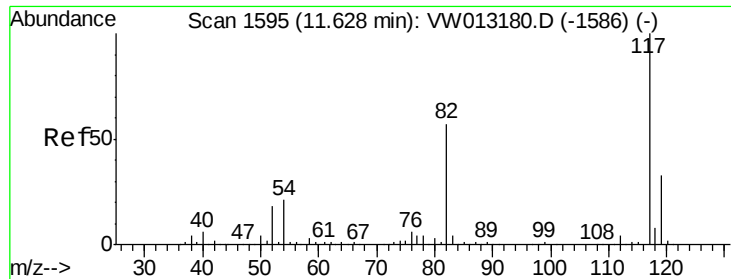
Tgt Ion: 43 Resp: 2401
 Ion Ratio Lower Upper
 43 100
 58 205.2 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 44.285 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

Tgt Ion: 95 Resp: 186256
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 178.4
 176 88.8 0.0 172.2

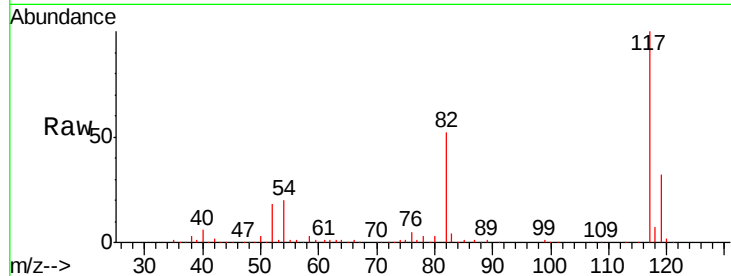




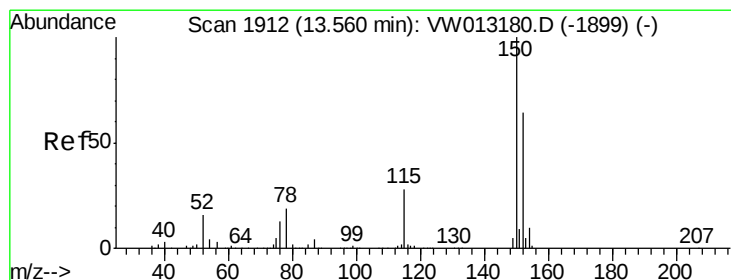
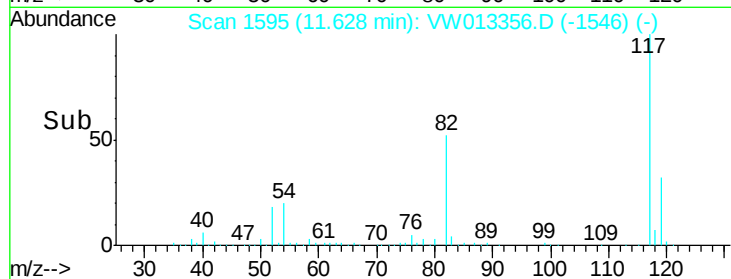
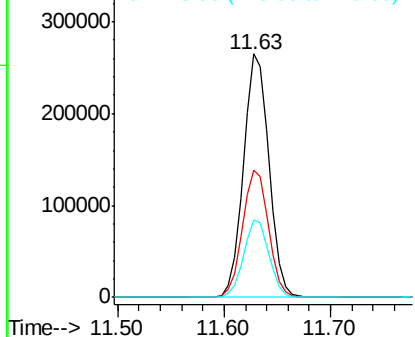
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013356.D
Acq: 01 Oct 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
GP-3_(10-12)

Tgt Ion:117 Resp: 445744
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 31.5 26.2 39.2

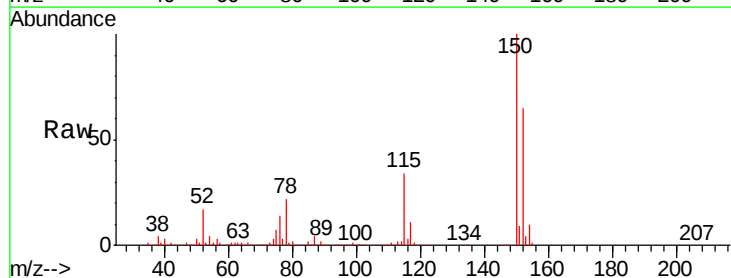


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

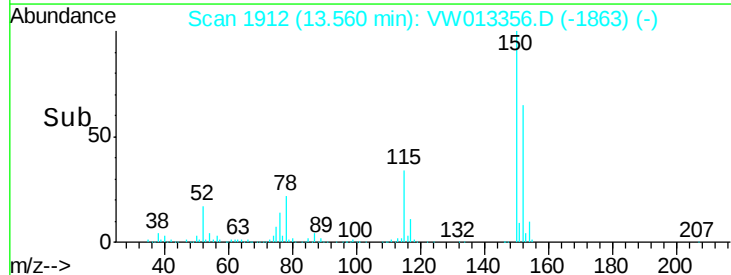
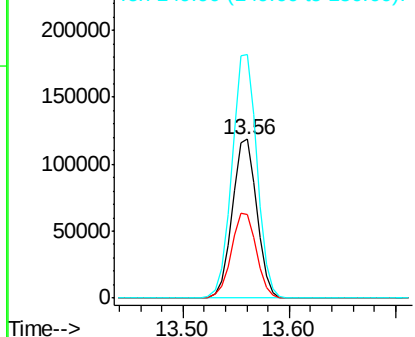


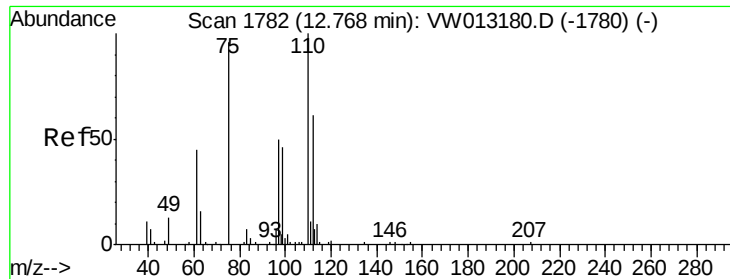
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013356.D
Acq: 01 Oct 2019 02:57

Tgt Ion:152 Resp: 192324
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 155.9 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: 51.552 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

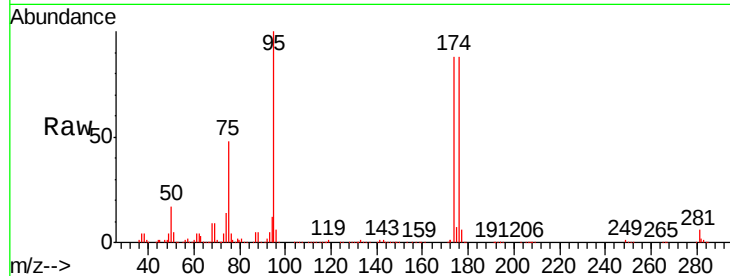
GP-3 (10-12)

Tgt Ion: 75 Resp: 87559

Ion Ratio Lower Upper

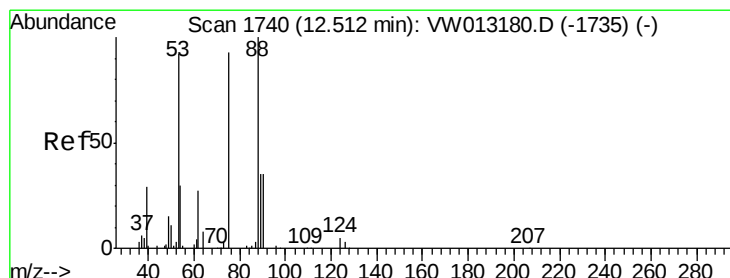
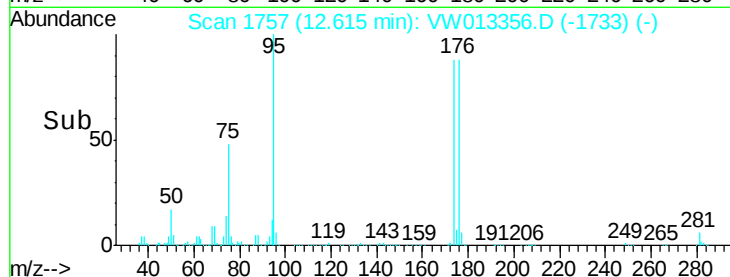
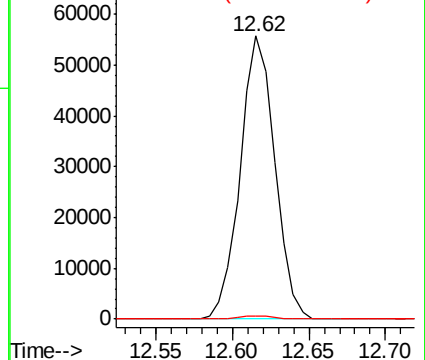
75 100

77 1.3 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: 115.677 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

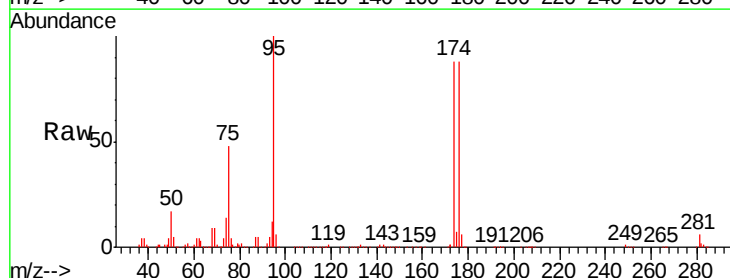
Tgt Ion: 75 Resp: 87559

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 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

