

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
 Data File : VW013504.D
 Acq On : 09 Oct 2019 15:19
 Operator : SY/VA
 Sample : K5285-01
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S1

Quant Time: Oct 10 02:40:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188588	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	131015	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	136395	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.32	98	585304	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.62	95	191996	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	

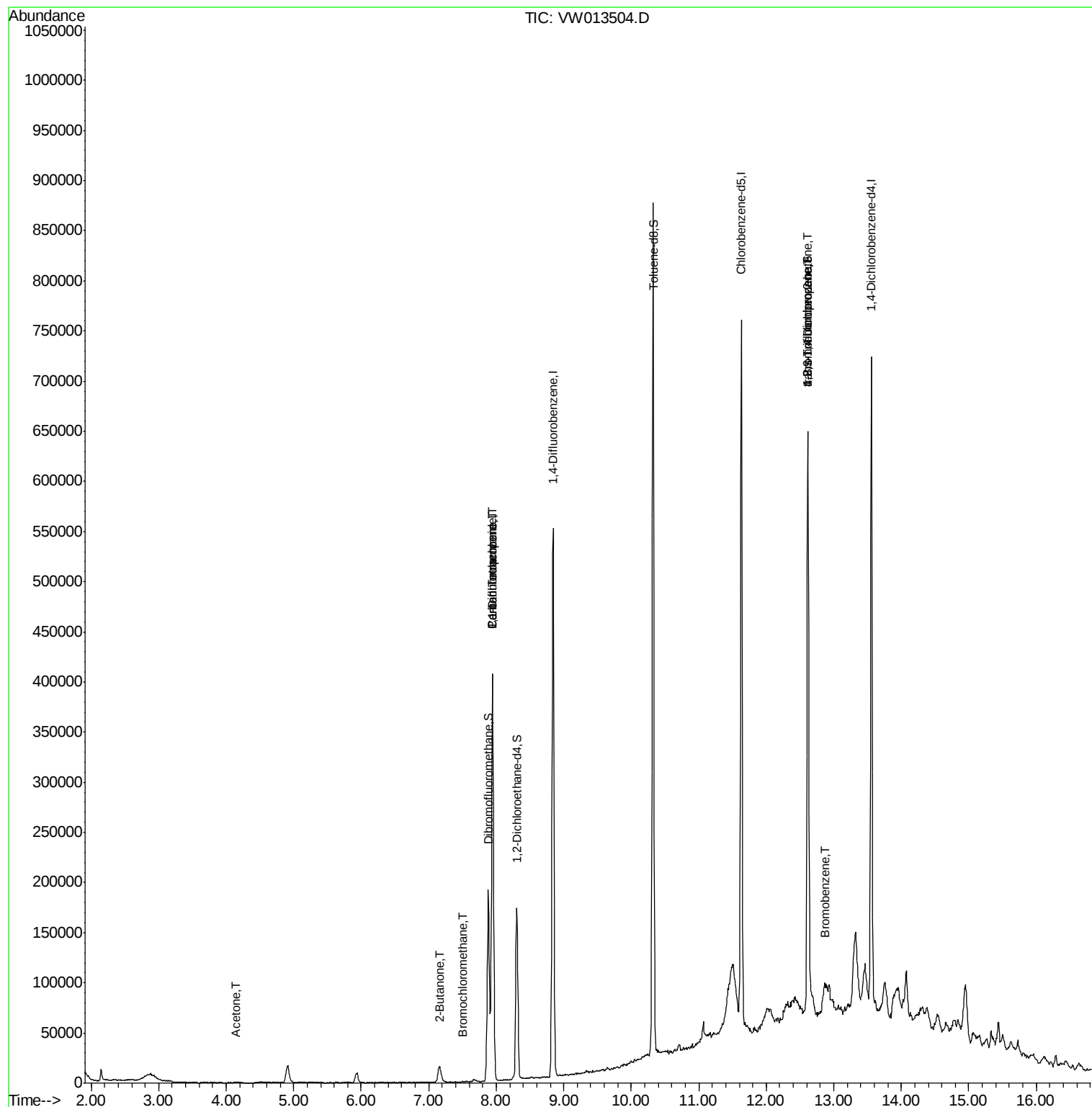
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	171	Below Cal	#	72
16) Acetone	4.15	43	1944	3.193	ug/l #	72
25) 2-Butanone	7.17	43	1133	1.263	ug/l #	47
28) Bromochloromethane	7.51	49	19	2.369	ug/l #	98
36) 1,1-Dichloropropene	7.94	75	20712	4.620	ug/l #	51
38) Carbon Tetrachloride	7.94	117	28822	7.251	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	86095	54.814	ug/l #	100
77) Bromobenzene	12.86	156	19223	6.003	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	86095	112.049	ug/l #	14

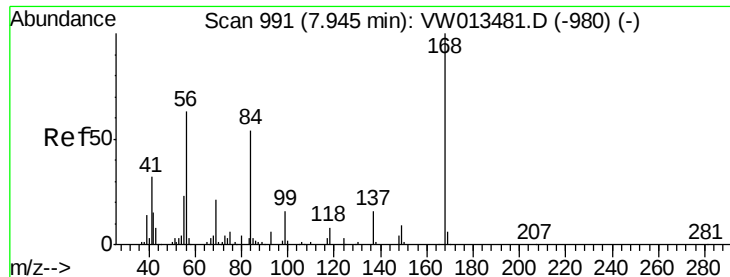
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
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Quant Time: Oct 10 02:40:05 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 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: VW013504.D

Acq: 09 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

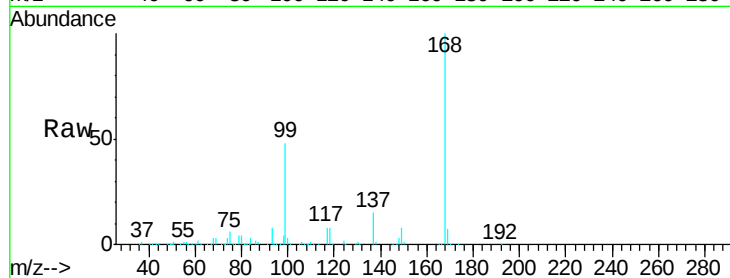
TP-1-S1

Tgt Ion:168 Resp: 338613

Ion Ratio Lower Upper

168 100

99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

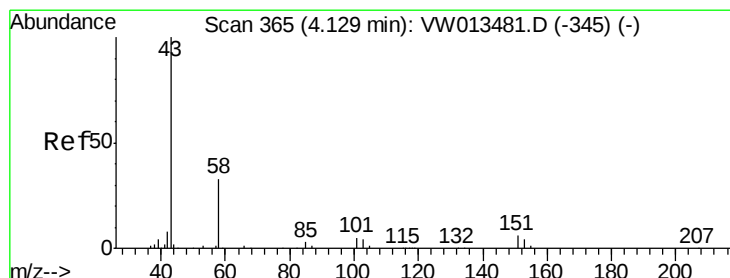
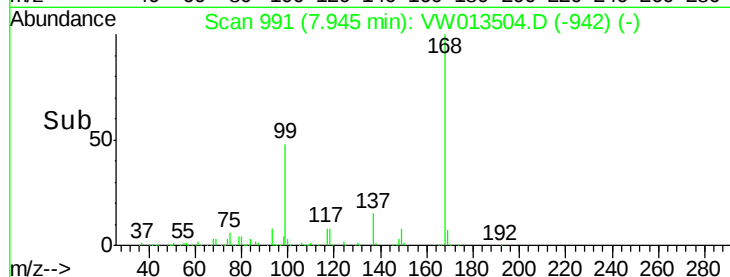
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.193 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013504.D

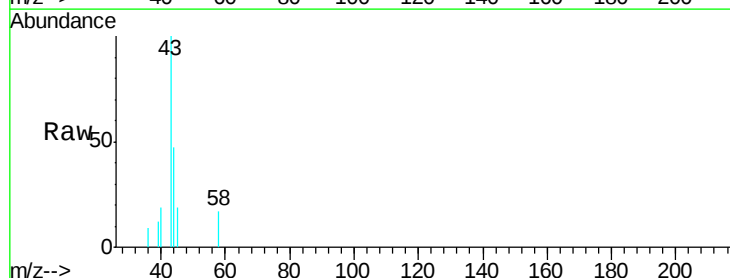
Acq: 09 Oct 2019 15:19

Tgt Ion: 43 Resp: 1944

Ion Ratio Lower Upper

43 100

58 16.8 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

500

400

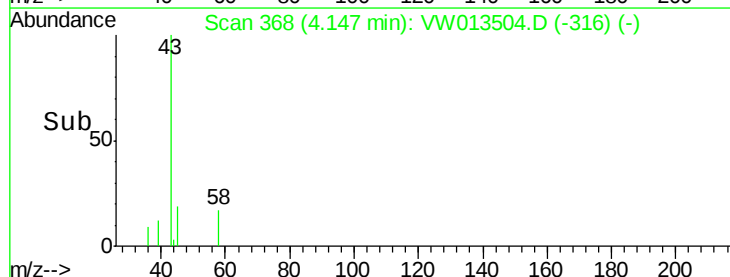
300

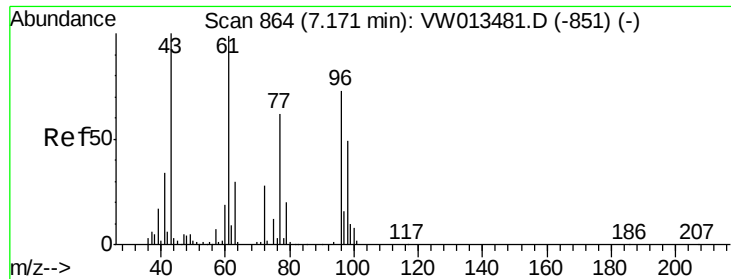
200

100

0

Time-->





#25

2-Butanone

Concen: 1.263 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013504.D

Acq: 09 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

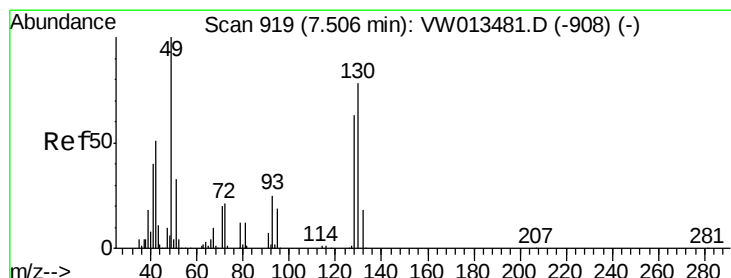
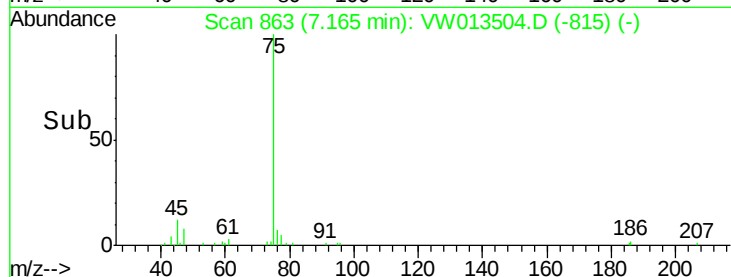
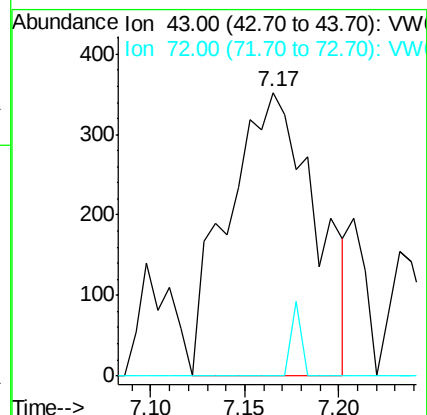
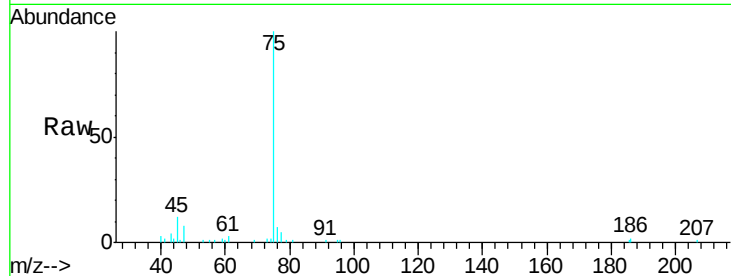
TP-1-S1

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

72 0.0 22.1 33.1#



#28

Bromochloromethane

Concen: 2.369 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW013504.D

Acq: 09 Oct 2019 15:19

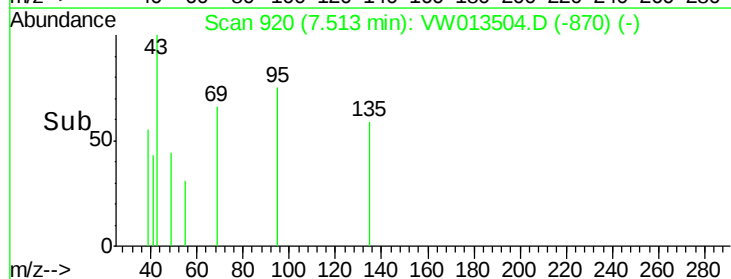
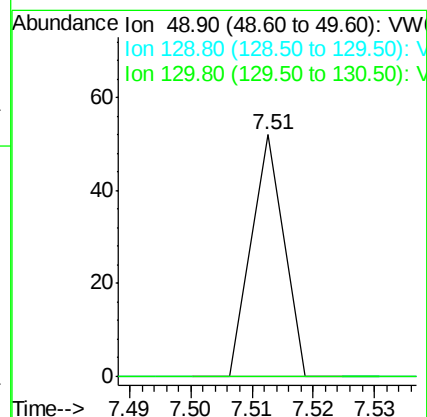
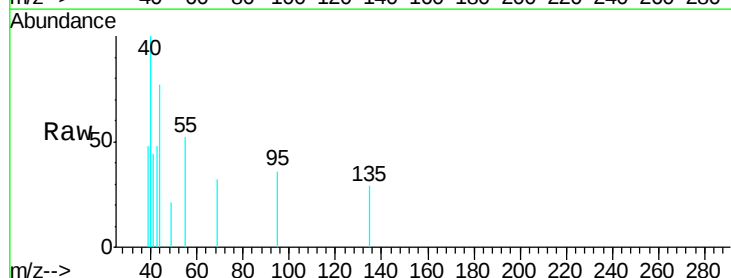
Tgt Ion: 49 Resp: 19

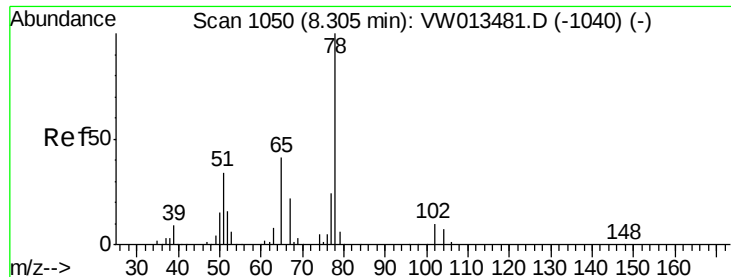
Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.6

130 0.0 0.0 0.0





#33

1,2-Dichloroethane-d4

Concen: 50.080 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013504.D

Acq: 09 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

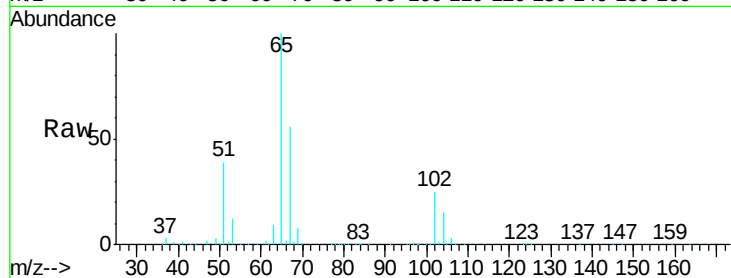
TP-1-S1

Tgt Ion: 65 Resp: 131015

Ion Ratio Lower Upper

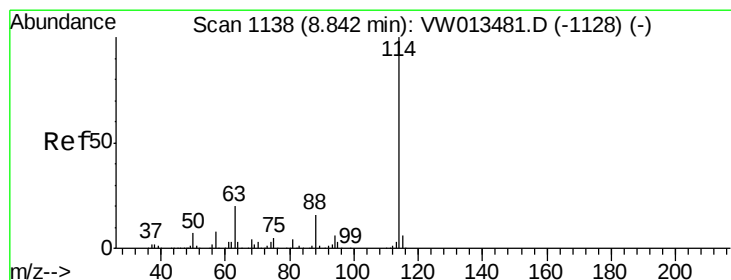
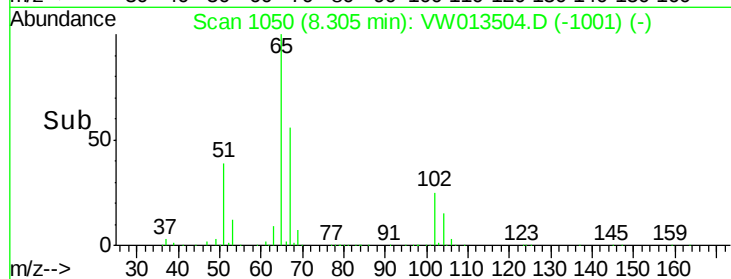
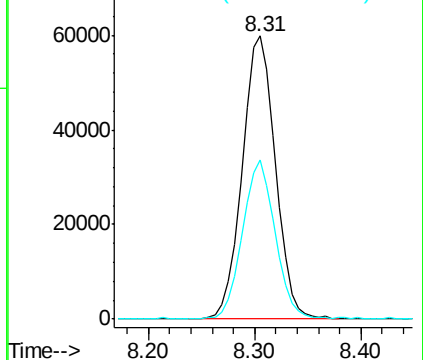
65 100

67 54.7 0.0 109.4



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: VW013504.D

Acq: 09 Oct 2019 15:19

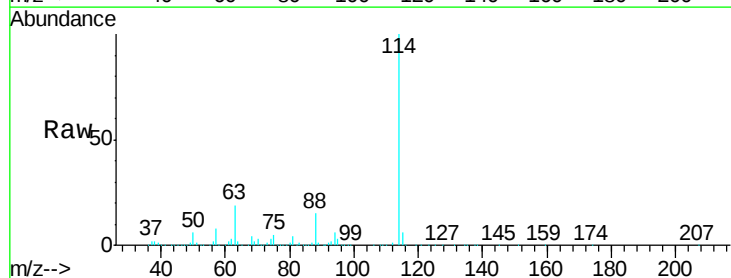
Tgt Ion: 114 Resp: 495630

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.4

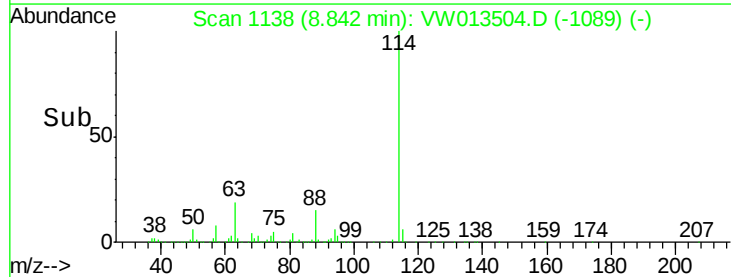
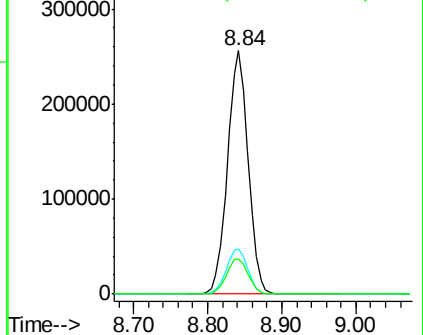
88 14.6 0.0 31.4

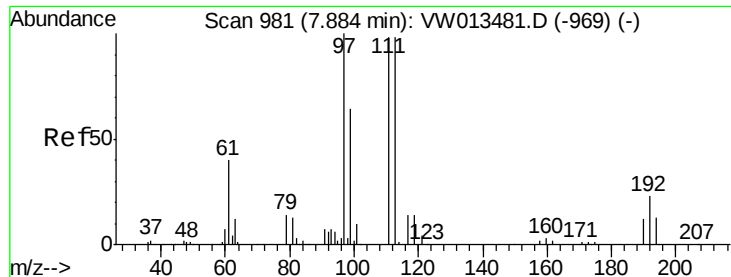


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

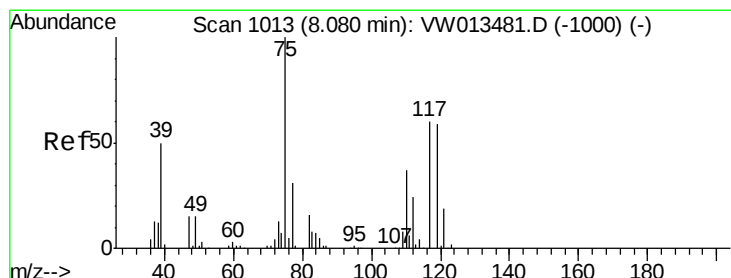
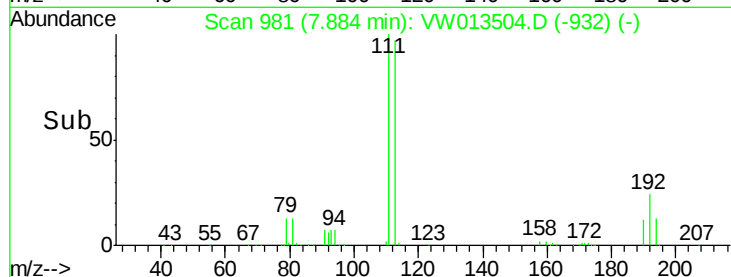
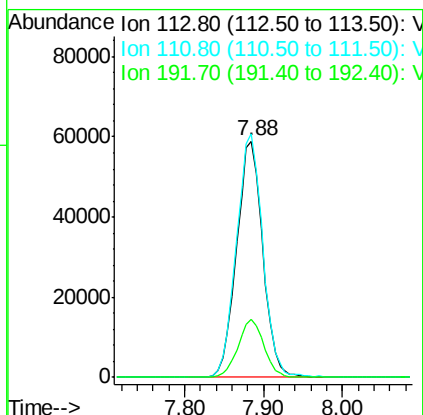
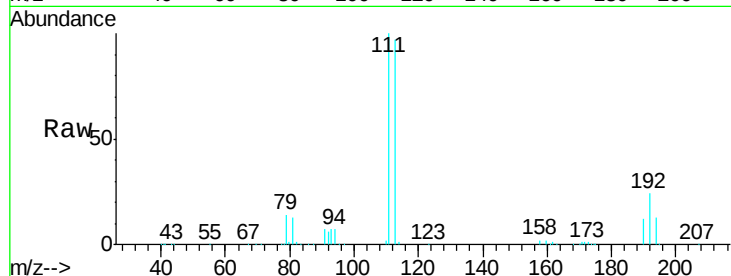




#35
 Dibromofluoromethane
 Concen: 49.272 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013504.D
 Acq: 09 Oct 2019 15:19

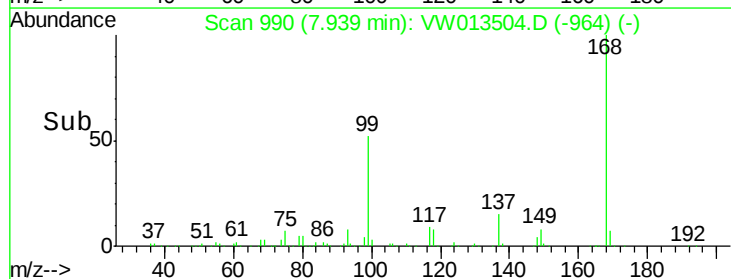
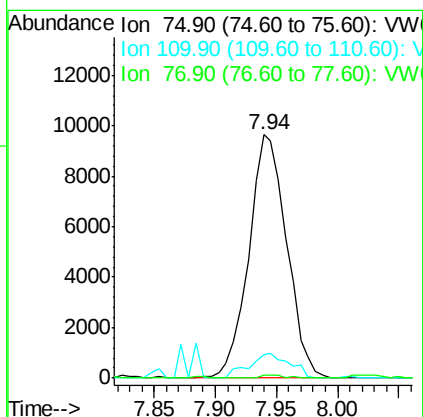
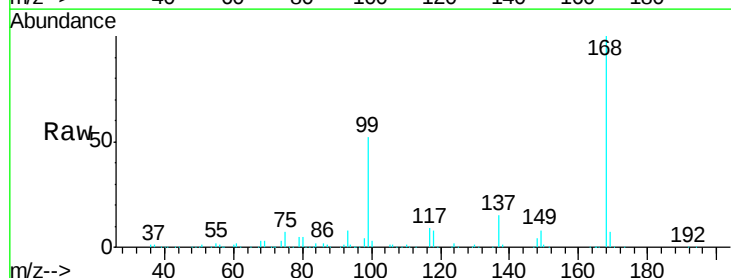
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-S1

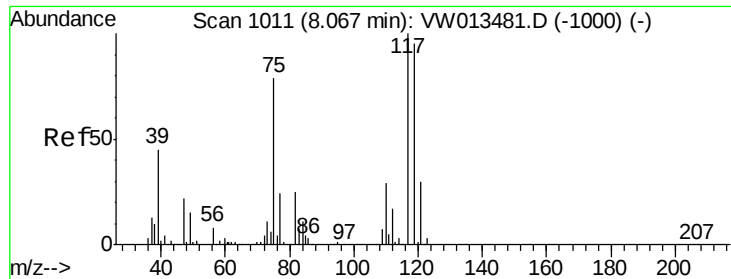
Tgt Ion:113 Resp: 136395
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.3 123.5
 192 24.3 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.620 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013504.D
 Acq: 09 Oct 2019 15:19

Tgt Ion: 75 Resp: 20712
 Ion Ratio Lower Upper
 75 100
 110 11.1 18.4 55.2#
 77 0.7 25.0 37.4#

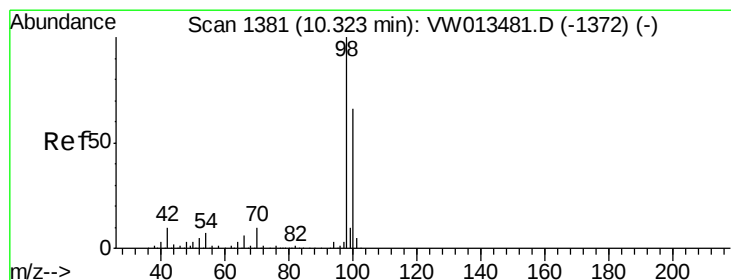
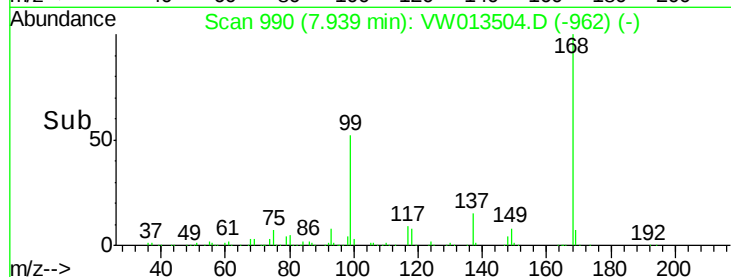
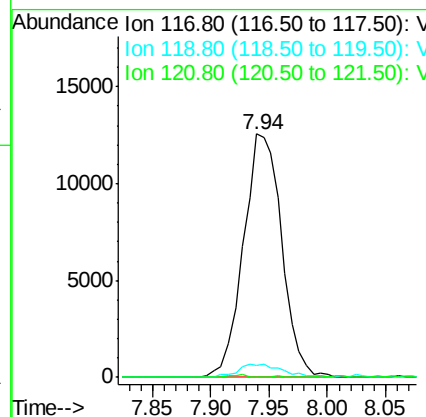
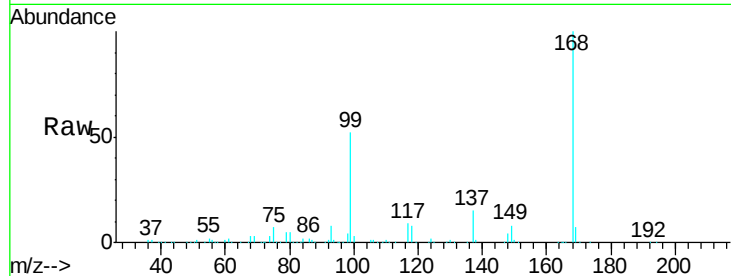




#38
Carbon Tetrachloride
Concen: 7.251 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

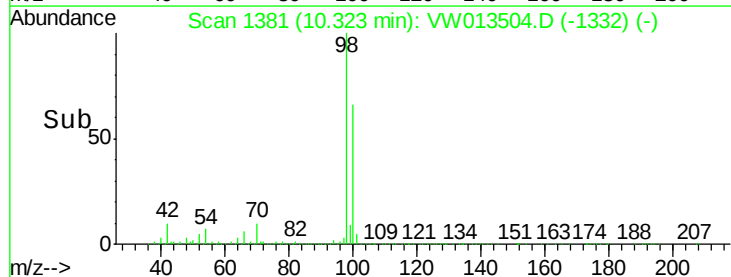
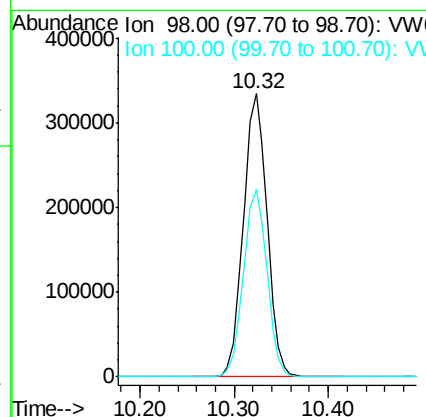
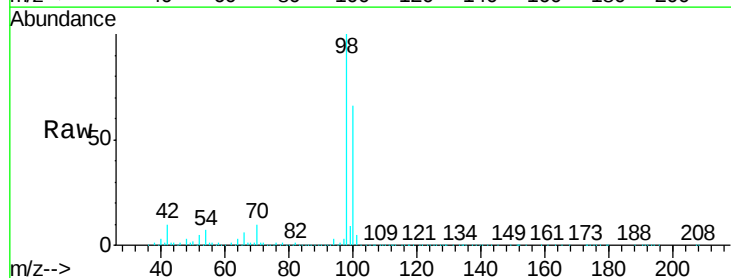
Instrument :
MSVOA_W
ClientSampled :
TP-1-S1

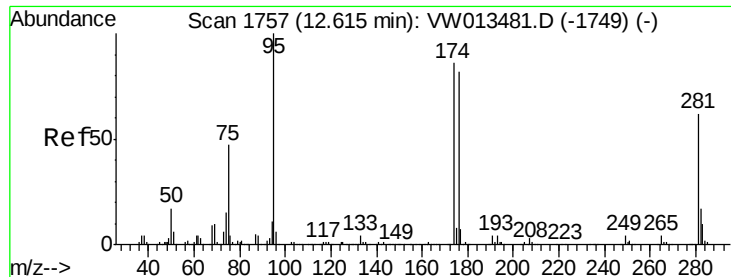
Tgt Ion:117 Resp: 28822
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.313 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

Tgt Ion: 98 Resp: 585304
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8

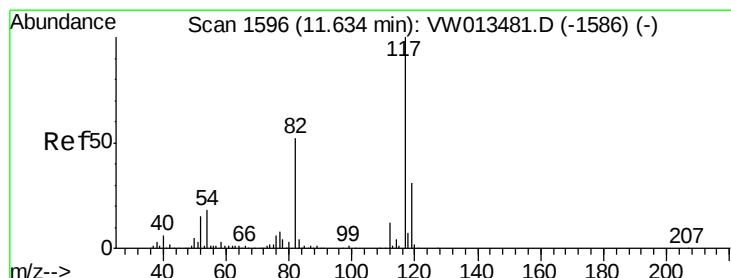
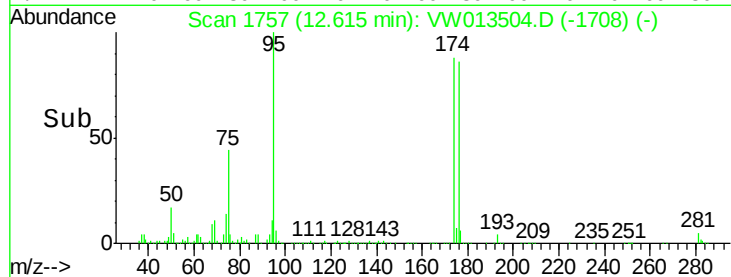
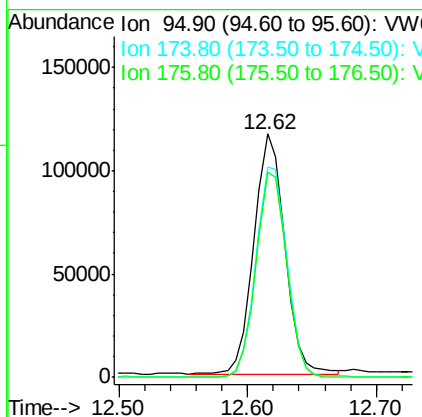
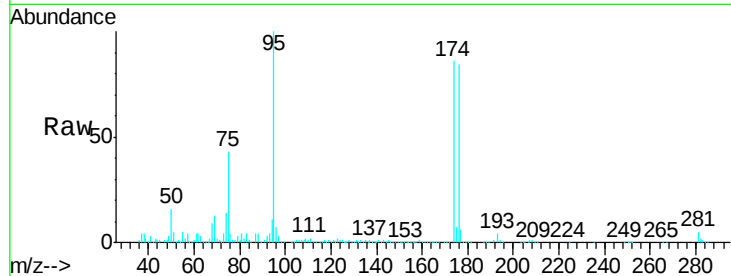




#62
4-Bromofluorobenzene
Concen: 49.129 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

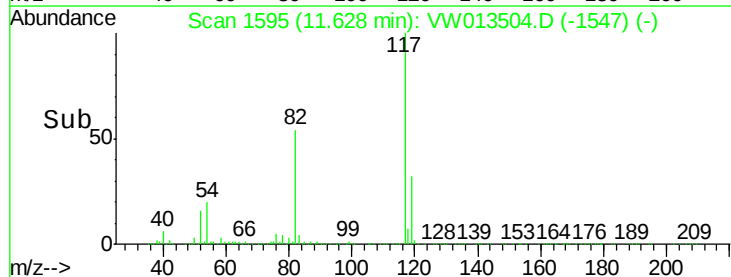
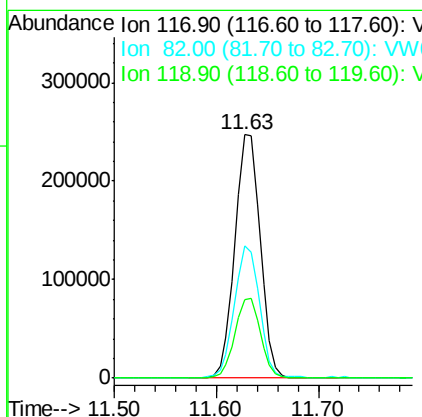
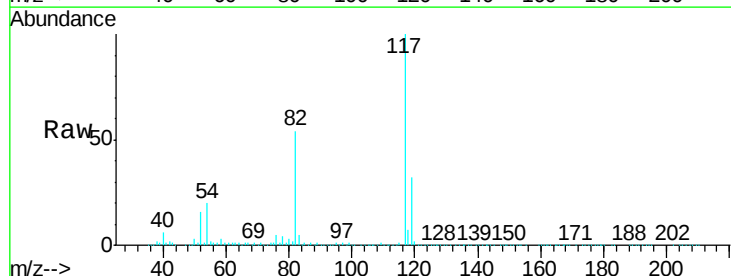
Instrument :
MSVOA_W
ClientSampleId :
TP-1-S1

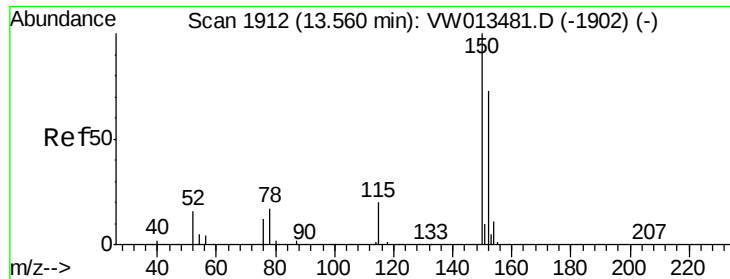
Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	177.4
176	84.8	0.0	173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.4	62.2
119	32.0	25.1	37.7



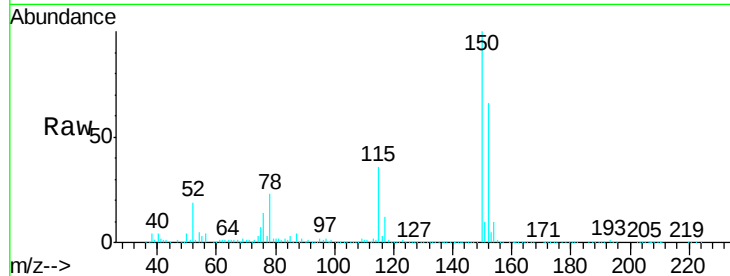


#72

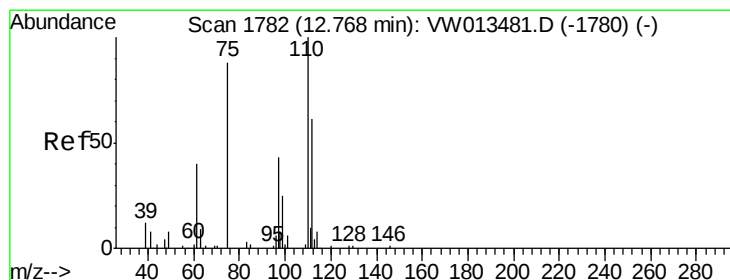
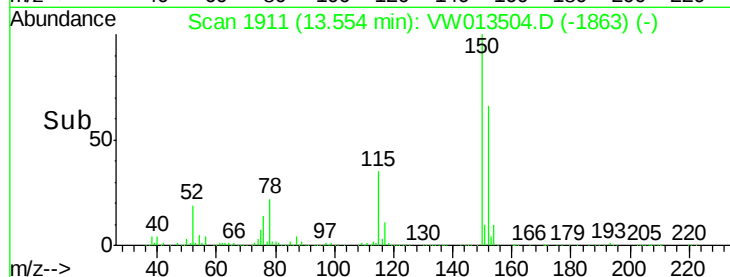
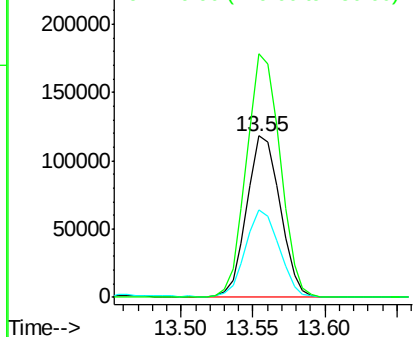
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

Instrument :
MSVOA_W
ClientSampleId :
TP-1-S1

Tgt Ion:152 Resp: 188588
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 152.9 0.0 337.4



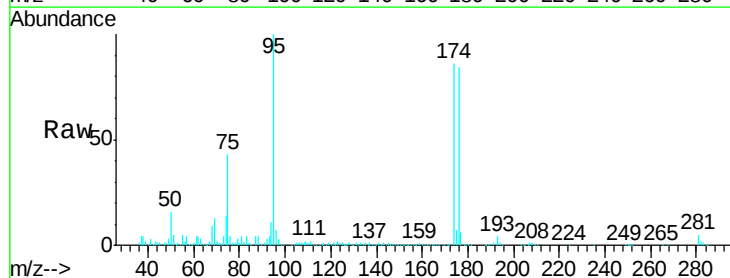
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



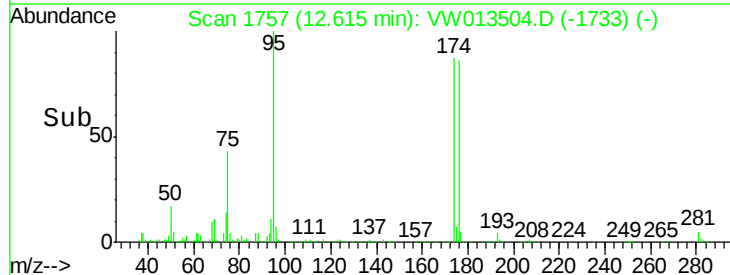
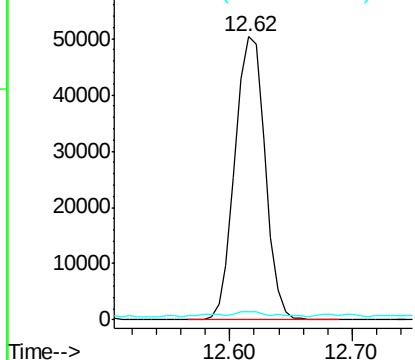
#76

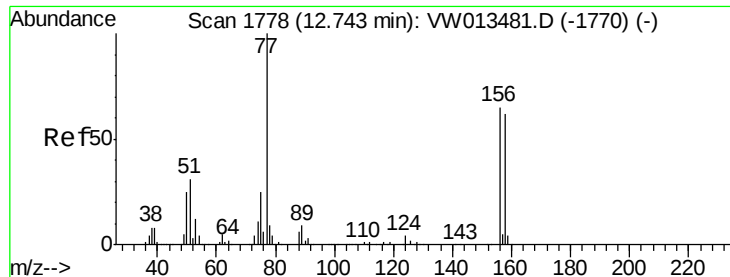
1,2,3-Trichloropropane
Concen: 54.814 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013504.D
Acq: 09 Oct 2019 15:19

Tgt Ion: 75 Resp: 86095
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 6.003 ug/l

RT: 12.86 min Scan# 1797

Delta R.T. 0.12 min

Lab File: VW013504.D

Acq: 09 Oct 2019 15:19

Instrument :

MSVOA_W

ClientSampled :

TP-1-S1

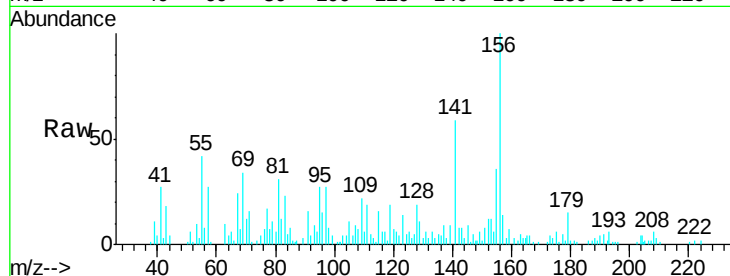
Tgt Ion:156 Resp: 19223

Ion Ratio Lower Upper

156 100

77 5.4 83.7 251.0#

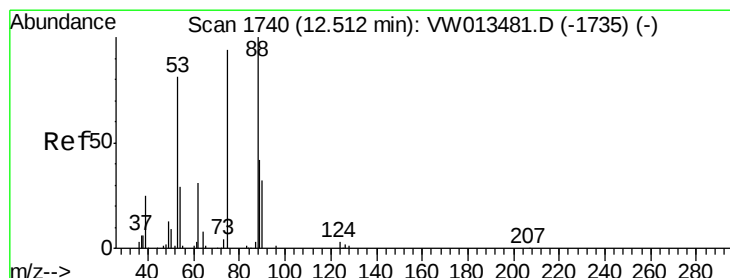
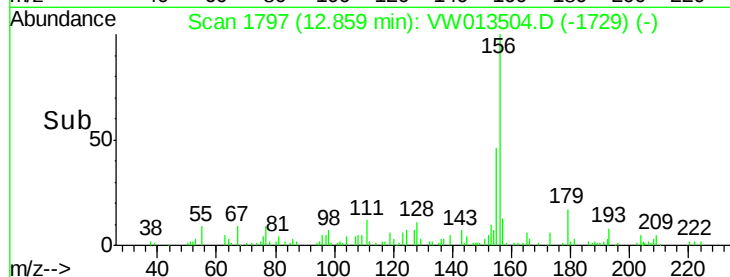
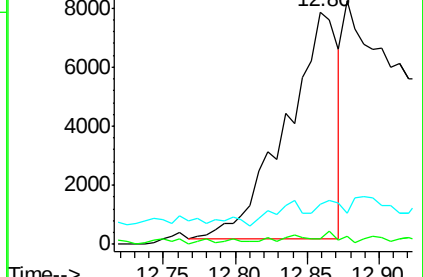
158 1.7 49.0 147.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 112.049 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013504.D

Acq: 09 Oct 2019 15:19

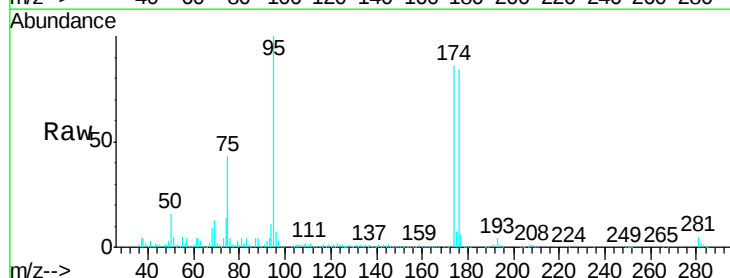
Tgt Ion: 75 Resp: 86095

Ion Ratio Lower Upper

75 100

53 0.0 71.0 106.6#

89 0.1 36.1 54.1#



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

