

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012757.D
 Acq On : 08 Sep 2019 09:16
 Operator : SY/VA
 Sample : K4636-15
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-10.5-11.0

Quant Time: Sep 09 04:07:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61236	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	
35) Dibromofluoromethane	7.88	113	45268	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	167553	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	44347	36.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.92%	

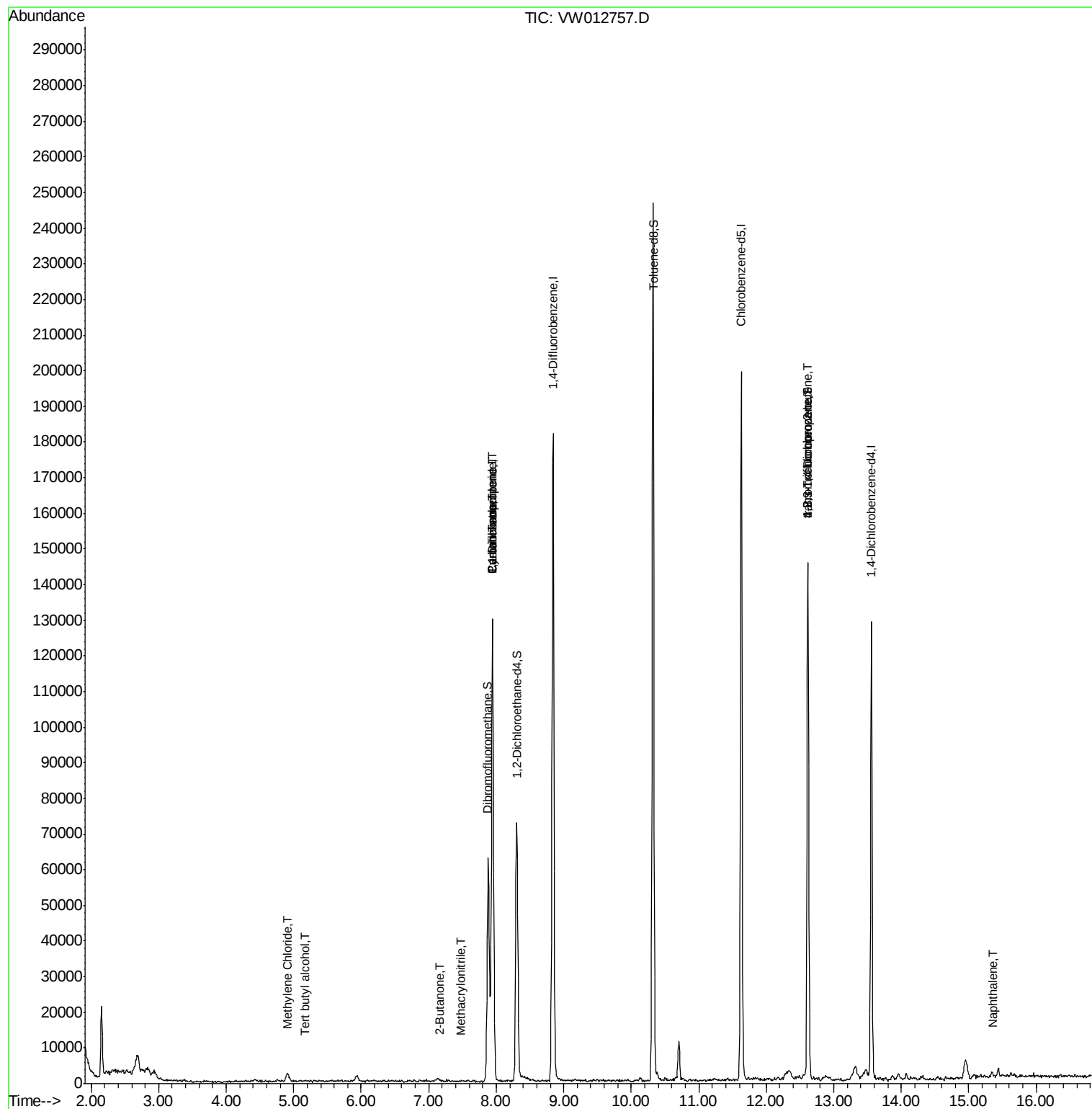
Target Compounds						Qvalue
11) Tert butyl alcohol	5.16	59	86	1.060	ug/l #	72
20) Methylene Chloride	4.92	84	1372	1.517	ug/l #	72
25) 2-Butanone	7.16	43	50	19.788	ug/l #	53
31) Cyclohexane	7.94	56	2299	1.475	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	7596	5.943	ug/l #	50
38) Carbon Tetrachloride	7.94	117	9753	7.741	ug/l #	18
41) Methacrylonitrile	7.48	41	70	3.955	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	24956	75.677	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24956	160.062	ug/l #	7
95) Naphthalene	15.36	128	344	4.671	ug/l #	69

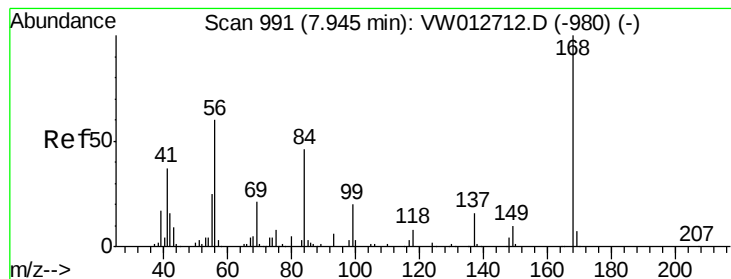
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
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SB-32-10.5-11.0

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012757.D

Acq: 08 Sep 2019 09:16

Instrument :

MSVOA_W

ClientSampleId :

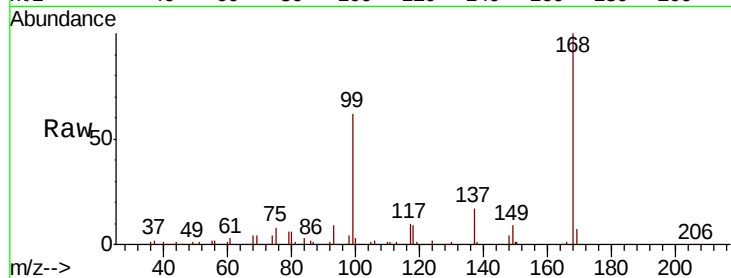
SB-32-10.5-11.0

Tgt Ion:168 Resp: 94883

Ion Ratio Lower Upper

168 100

99 62.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

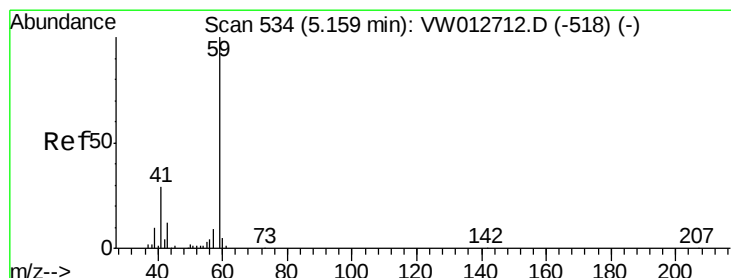
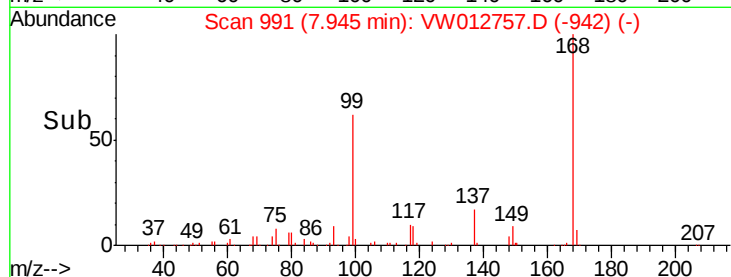
20000

10000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.060 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW012757.D

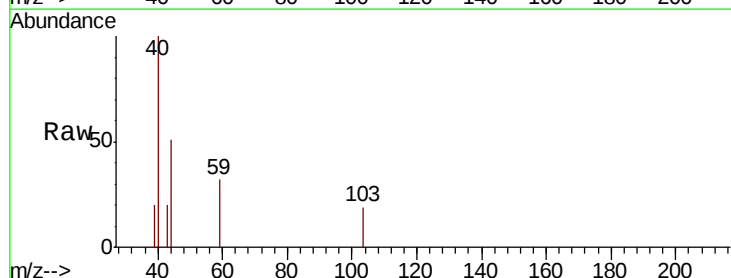
Acq: 08 Sep 2019 09:16

Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

100

80

60

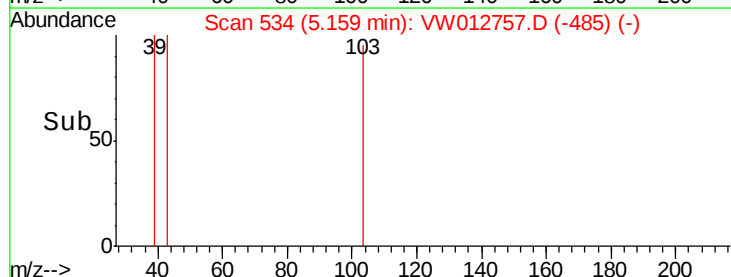
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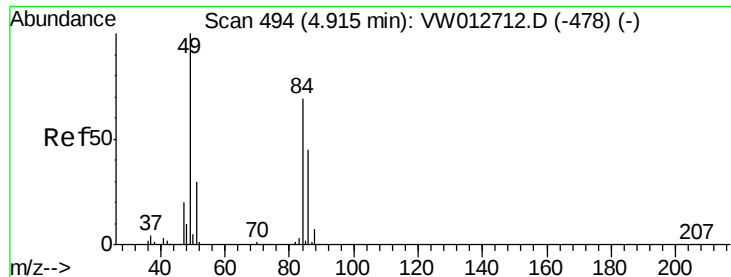
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0

5.14 5.16 5.18

Time-->

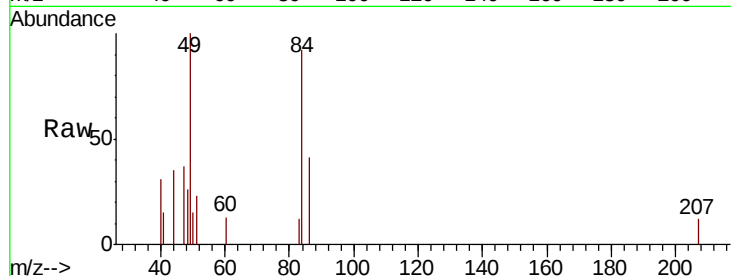




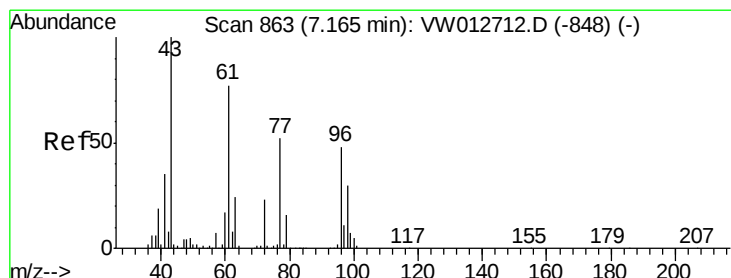
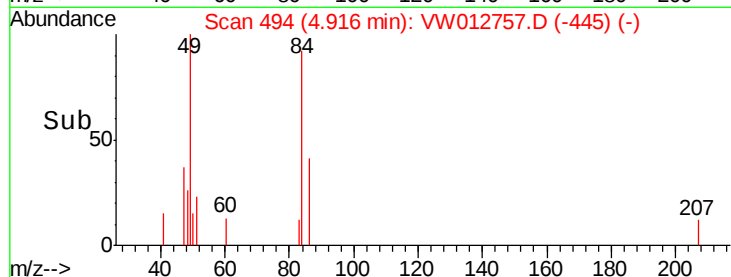
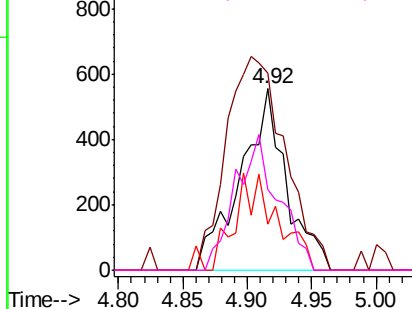
#20
Methylene Chloride
Concen: 1.517 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Instrument :
MSVOA_W
ClientSampleId :
SB-32-10.5-11.0

Tgt Ion: 84 Resp: 1372
Ion Ratio Lower Upper
84 100
49 108.8 115.4 173.0#
51 25.2 34.9 52.3#
86 44.6 52.2 78.4#

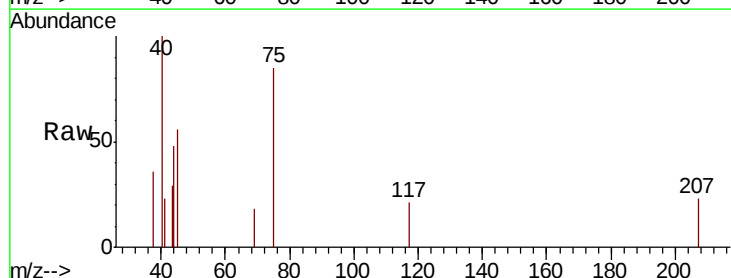


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

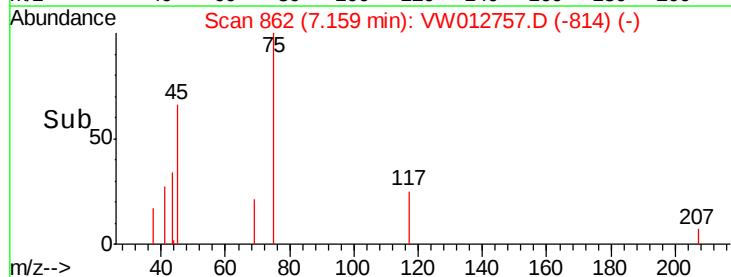
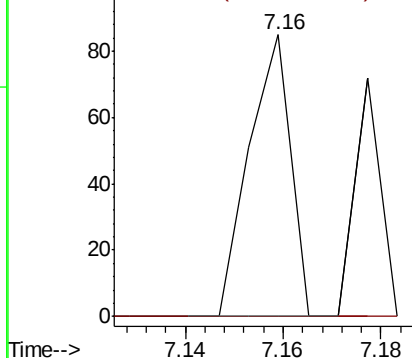


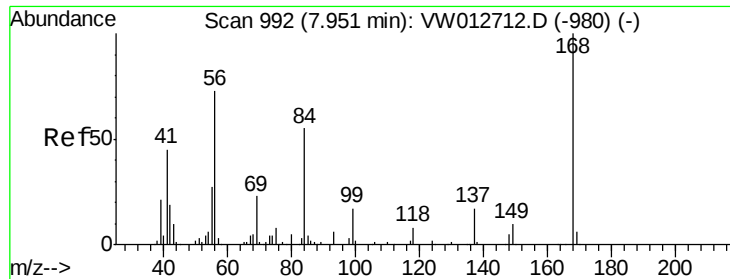
#25
2-Butanone
Concen: 19.788 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

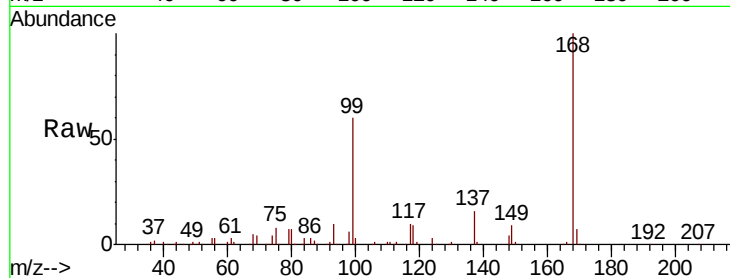




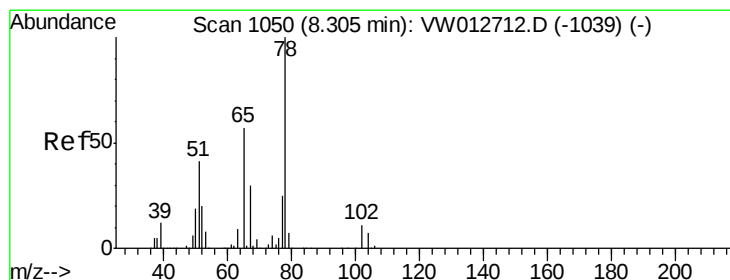
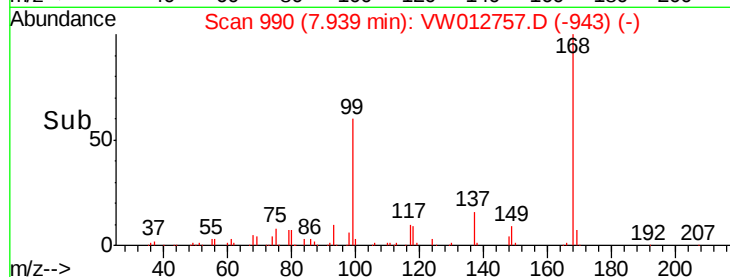
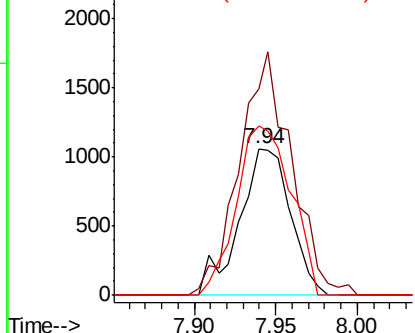
#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Instrument :
MSVOA_W
ClientSampleId :
SB-32-10.5-11.0

Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 141.1 25.7 38.5#
84 116.1 60.4 90.6#

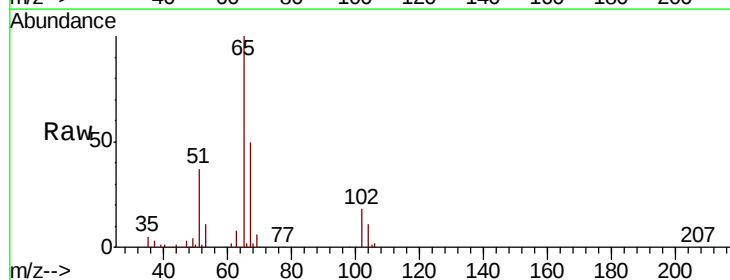


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

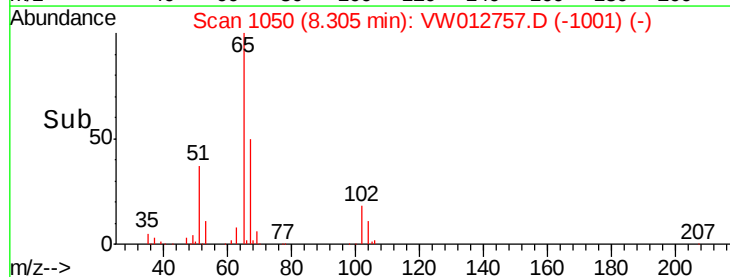
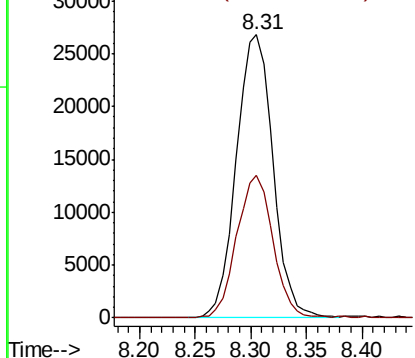


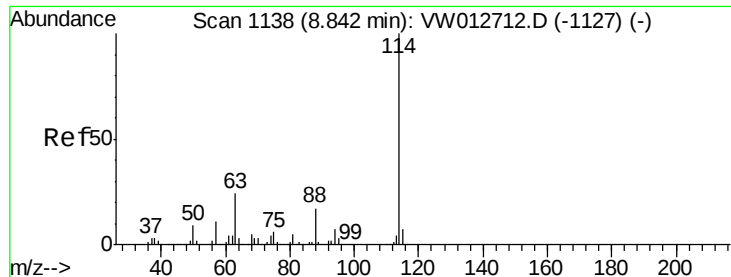
#33
1,2-Dichloroethane-d4
Concen: 57.761 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion: 65 Resp: 61236
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8



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

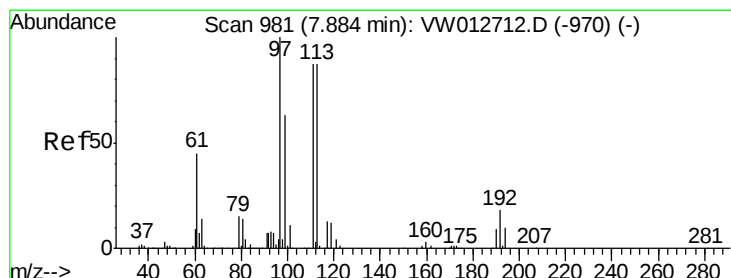
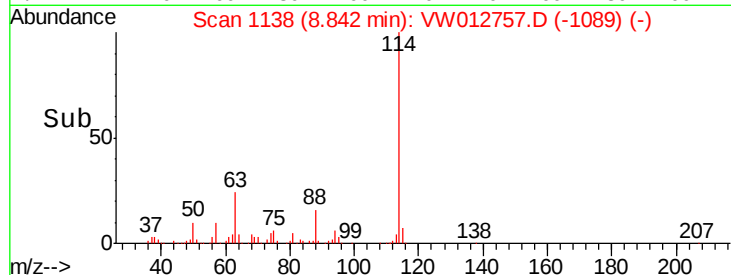
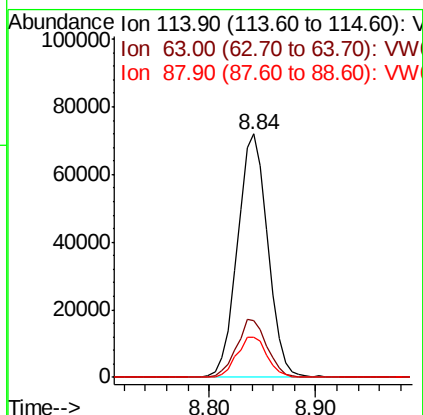
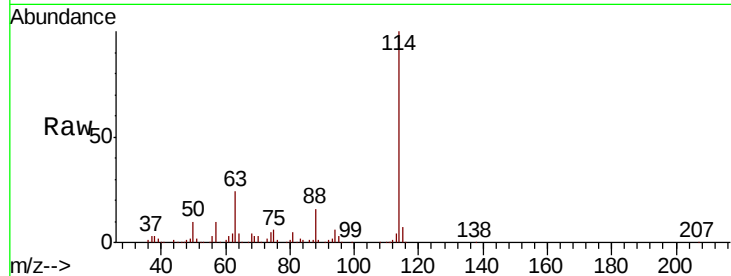




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012757.D
 Acq: 08 Sep 2019 09:16

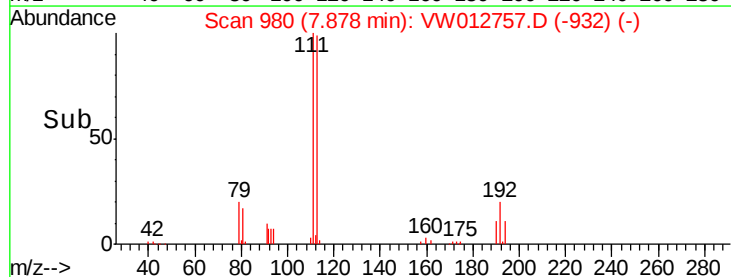
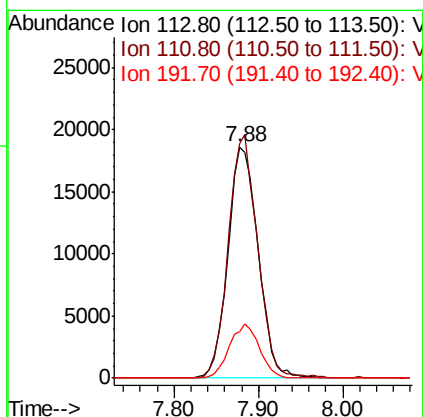
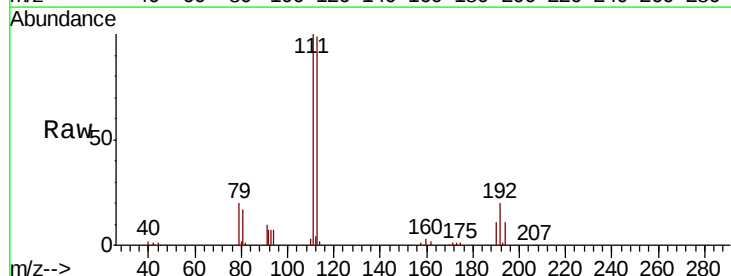
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-10.5-11.0

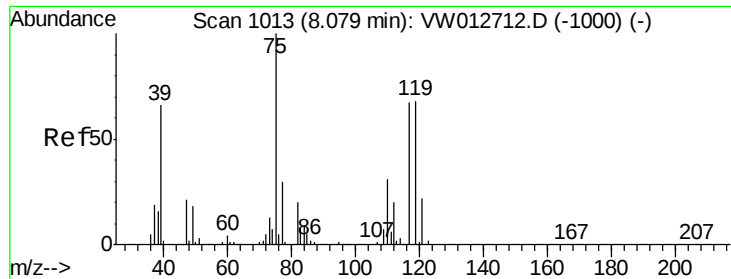
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.3	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 52.931 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012757.D
 Acq: 08 Sep 2019 09:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.2	120.4
192	23.2	17.3	25.9

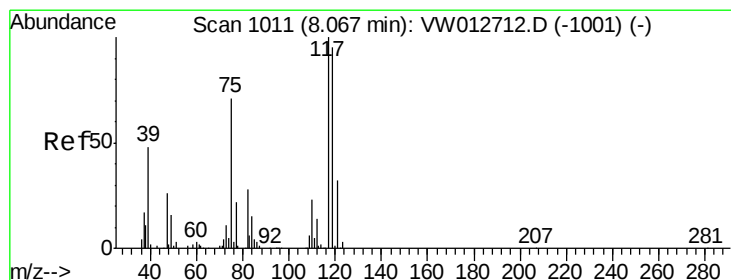
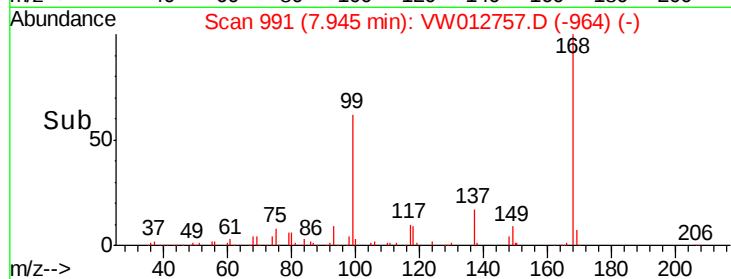
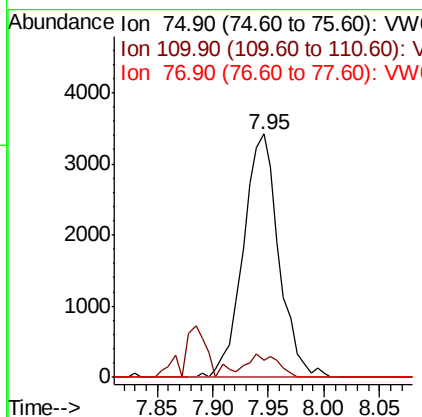
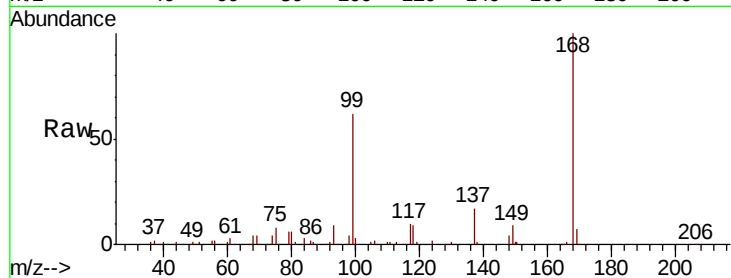




#36
 1,1-Dichloropropene
 Concen: 5.943 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012757.D
 Acq: 08 Sep 2019 09:16

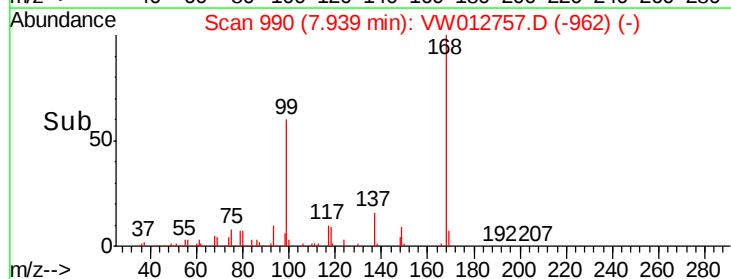
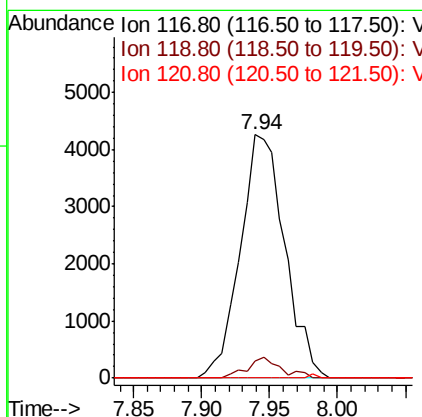
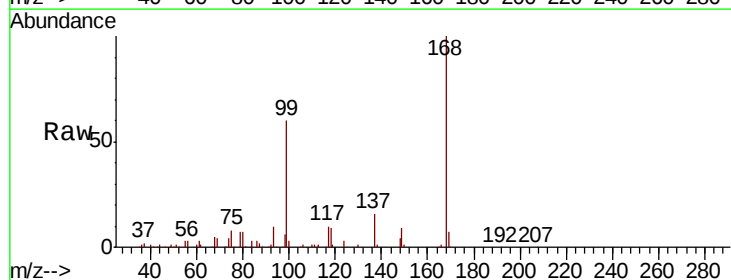
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-10.5-11.0

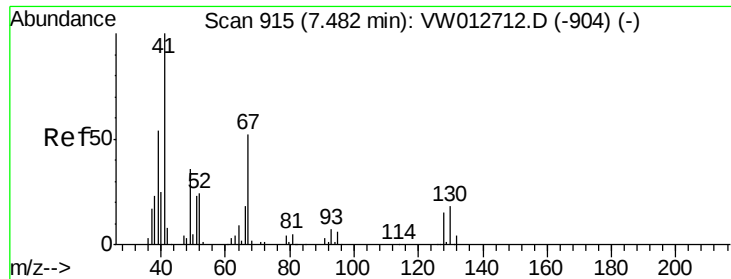
Tgt Ion: 75 Resp: 7596
 Ion Ratio Lower Upper
 75 100
 110 8.0 15.9 47.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.741 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012757.D
 Acq: 08 Sep 2019 09:16

Tgt Ion: 117 Resp: 9753
 Ion Ratio Lower Upper
 117 100
 119 7.1 76.2 114.2#
 121 0.0 25.4 38.2#





#41

Methacrylonitrile

Concen: 3.955 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012757.D

Acq: 08 Sep 2019 09:16

Instrument :

MSVOA_W

ClientSampleId :

SB-32-10.5-11.0

Tgt Ion: 41 Resp: 70

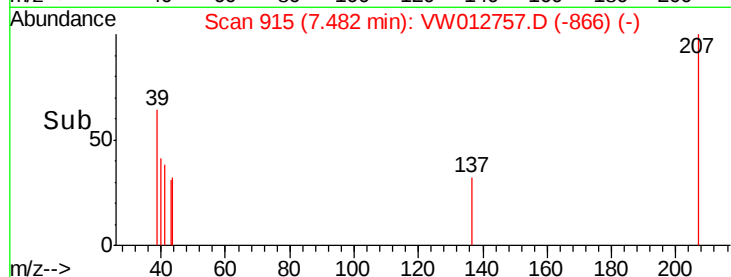
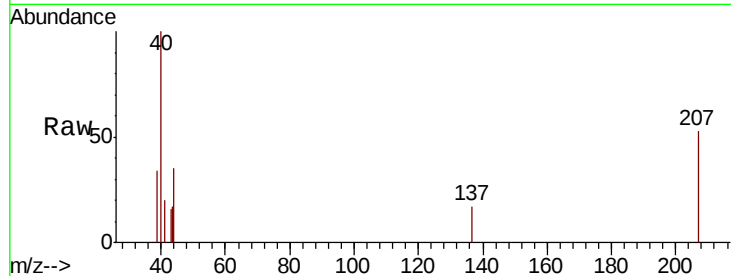
Ion Ratio Lower Upper

41 100

39 138.6 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

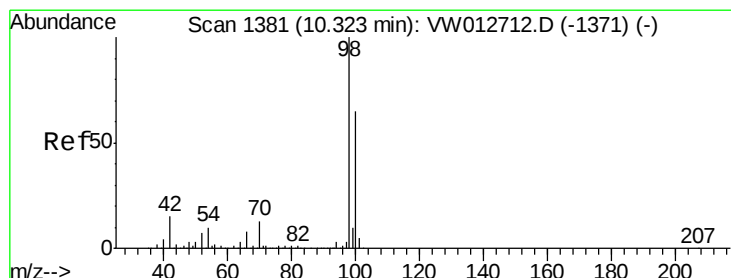
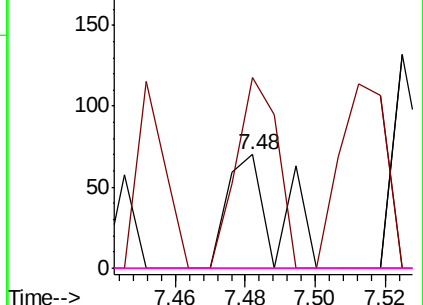


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#50

Toluene-d8

Concen: 50.007 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012757.D

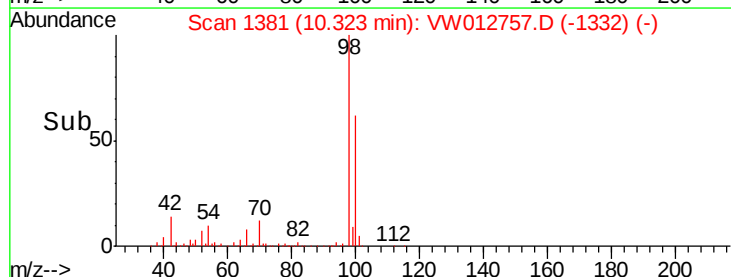
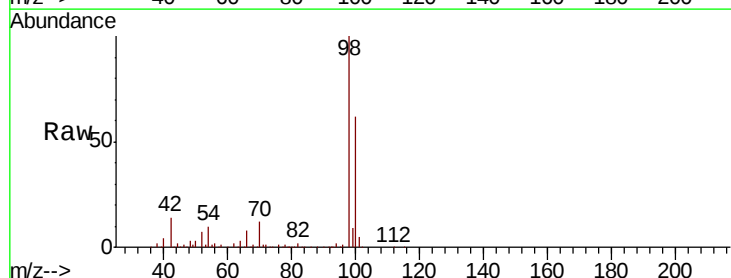
Acq: 08 Sep 2019 09:16

Tgt Ion: 98 Resp: 167553

Ion Ratio Lower Upper

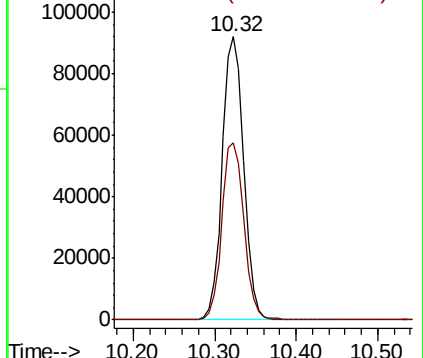
98 100

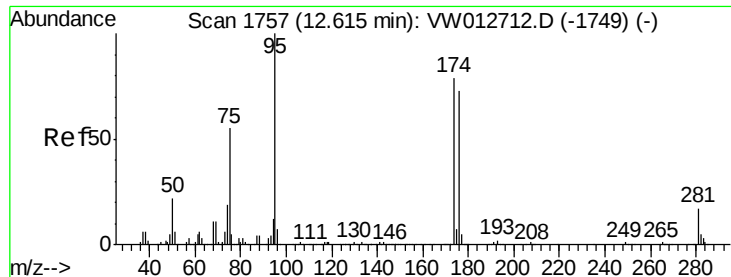
100 64.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

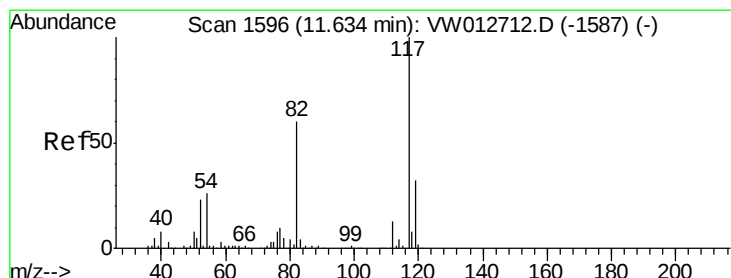
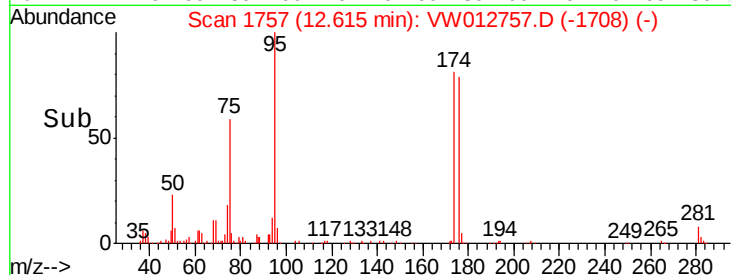
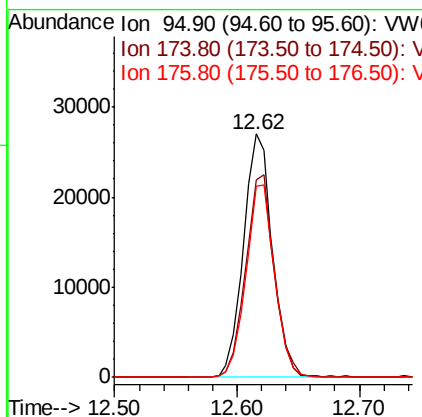
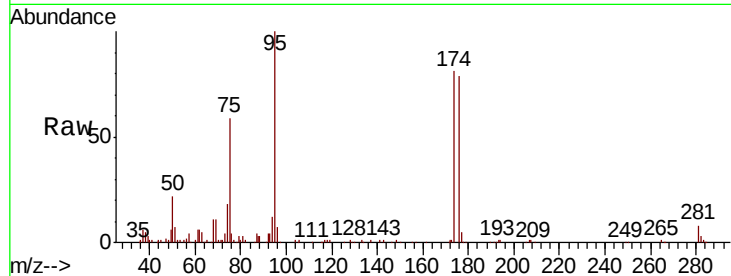




#62
4-Bromofluorobenzene
Concen: 36.458 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

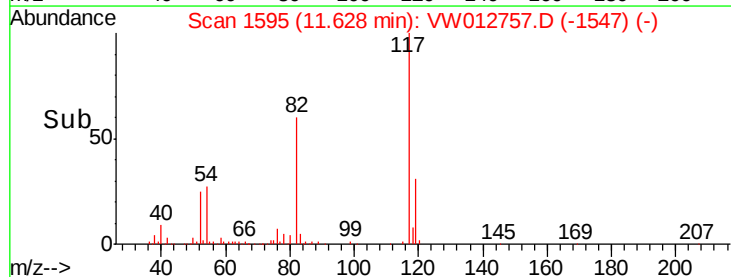
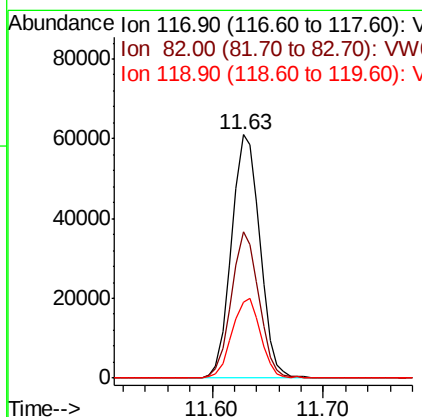
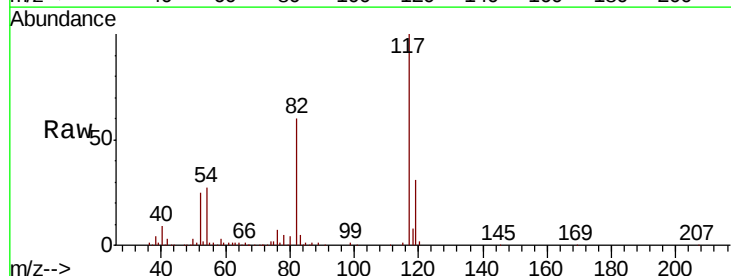
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SB-32-10.5-11.0

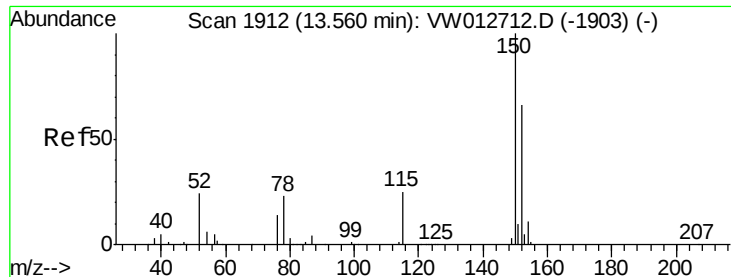
Tgt Ion: 95 Resp: 44347
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.0
176 78.8 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion: 117 Resp: 107788
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 31.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012757.D

Acq: 08 Sep 2019 09:16

Instrument :

MSVOA_W

ClientSampleId :

SB-32-10.5-11.0

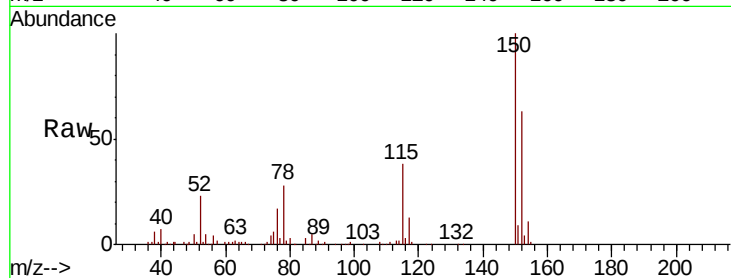
Tgt Ion:152 Resp: 32250

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.1

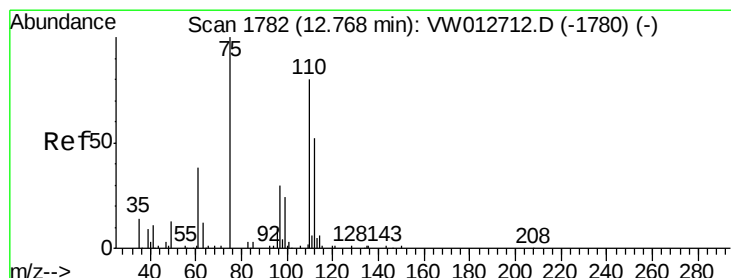
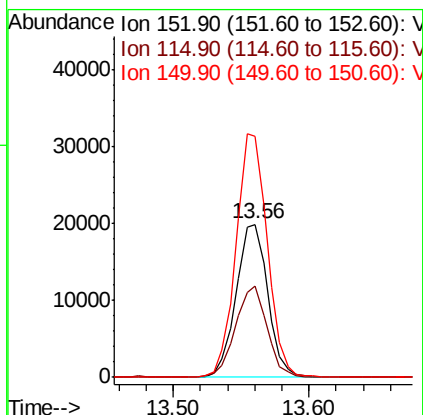
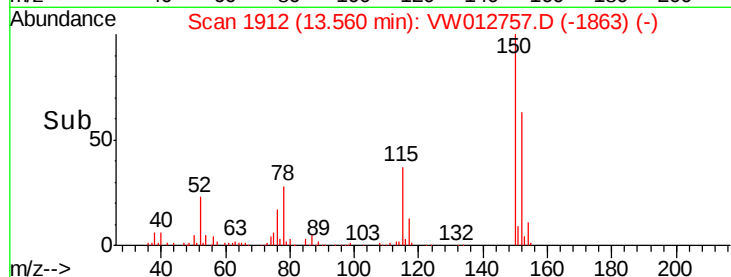
150 157.4 0.0 349.0



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: 75.677 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012757.D

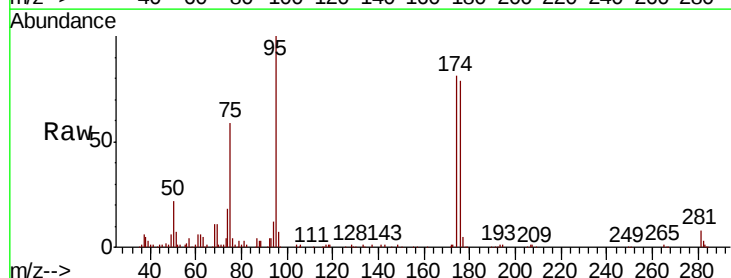
Acq: 08 Sep 2019 09:16

Tgt Ion: 75 Resp: 24956

Ion Ratio Lower Upper

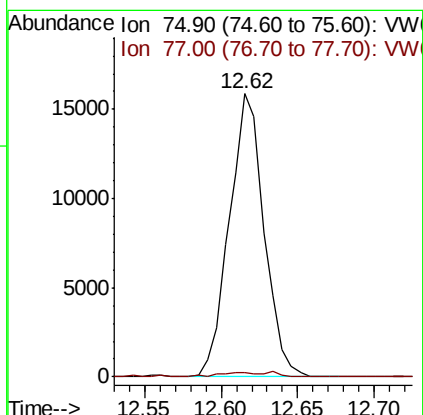
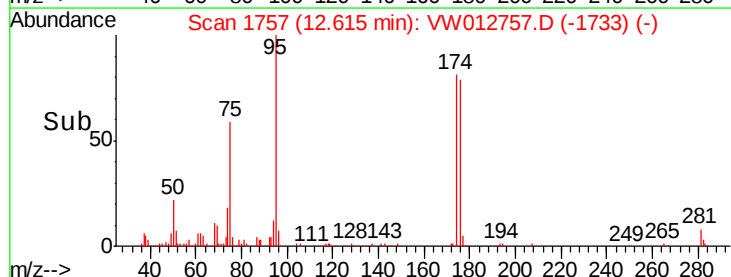
75 100

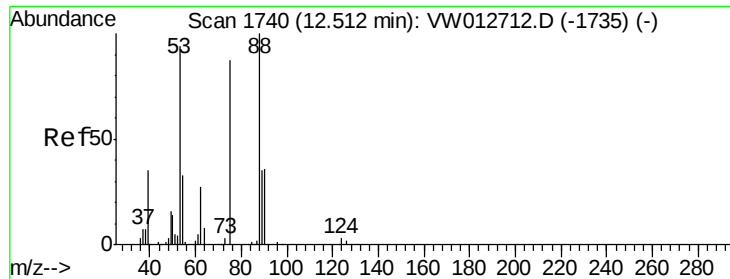
77 2.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

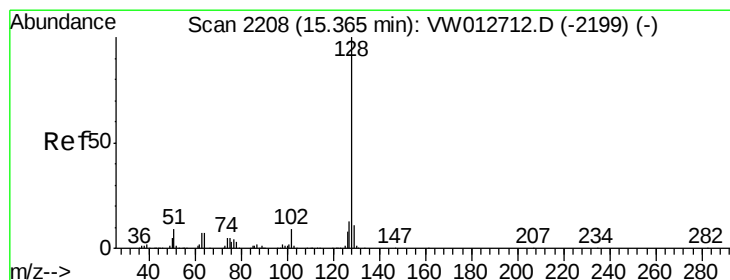
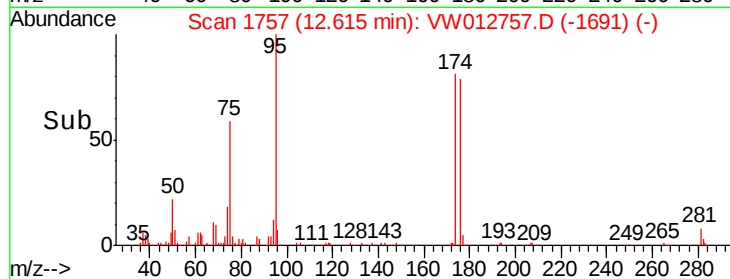
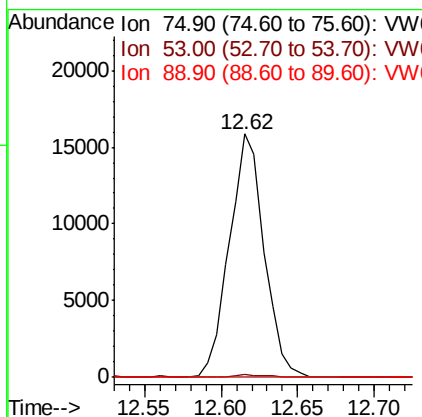
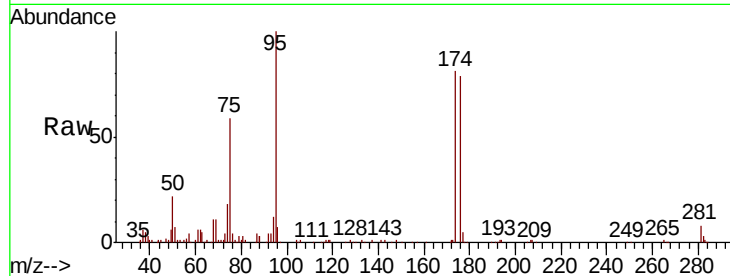




#81
trans-1,4-Dichloro-2-butene
Concen: 160.062 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Instrument :
MSVOA_W
ClientSampleId :
SB-32-10.5-11.0

Tgt Ion: 75 Resp: 24956
Ion Ratio Lower Upper
75 100
53 0.7 87.6 131.4#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 4.671 ug/l
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion: 128 Resp: 344
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

