

Data File : VW012748.D
Acq On : 08 Sep 2019 05:24
Operator : SY/VA
Sample : K4554-55
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(0-2)

Quant Time: Sep 08 06:00:13 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	243446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143945	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	7.88	113	109819	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.32	98	436375	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.62	95	132767	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

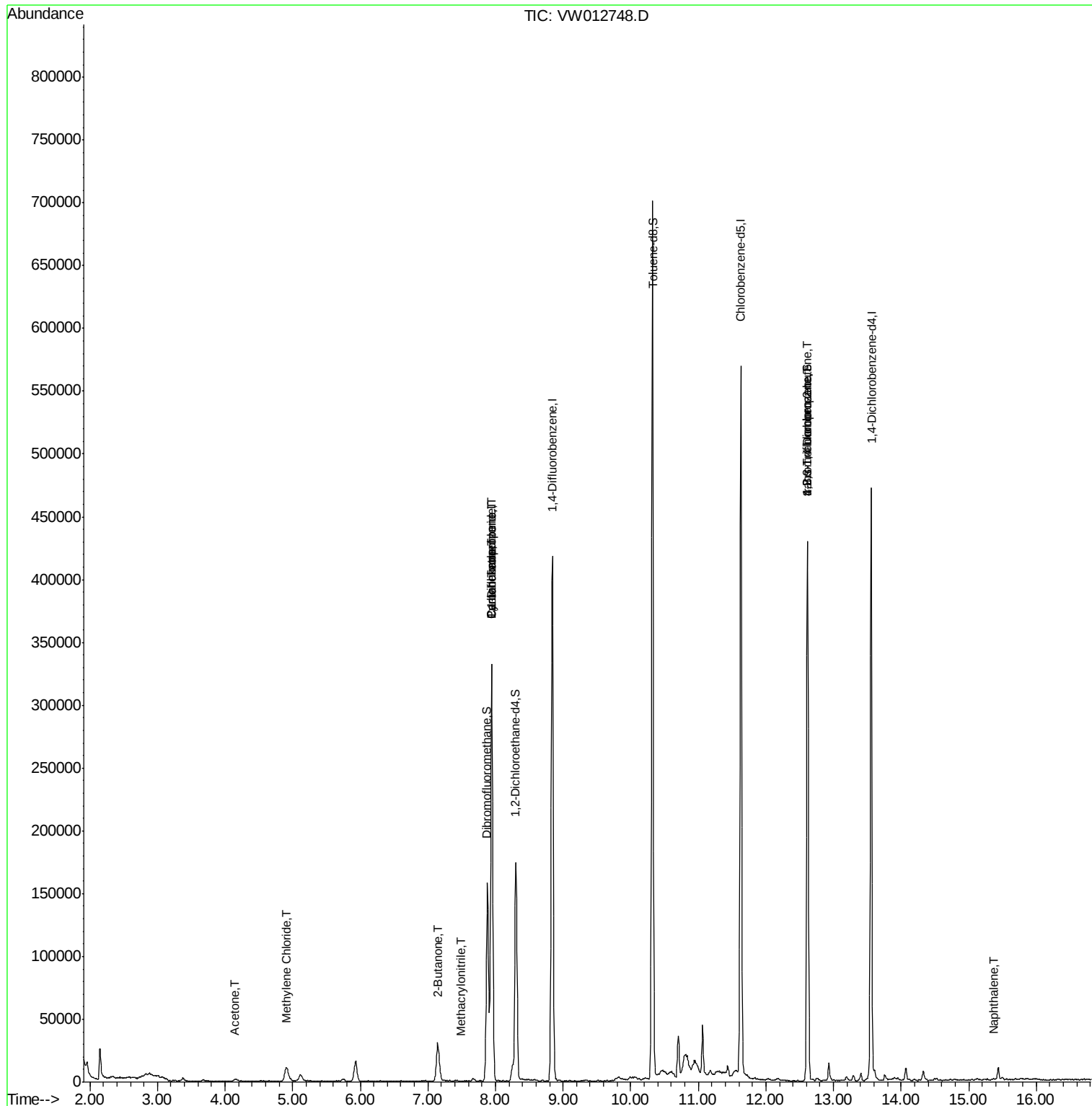
Target Compounds				Qvalue		
16) Acetone	4.14	43	1563	2.108	ug/l	100
20) Methylene Chloride	4.91	84	7790	3.358	ug/l	91
25) 2-Butanone	7.15	43	2397	21.703	ug/l #	63
31) Cyclohexane	7.94	56	5841	1.461	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19954	6.498	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24680	8.153	ug/l #	17
41) Methacrylonitrile	7.49	41	40	3.867	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	72252	58.674	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72252	124.099	ug/l #	7
95) Naphthalene	15.37	128	500	4.529	ug/l #	79

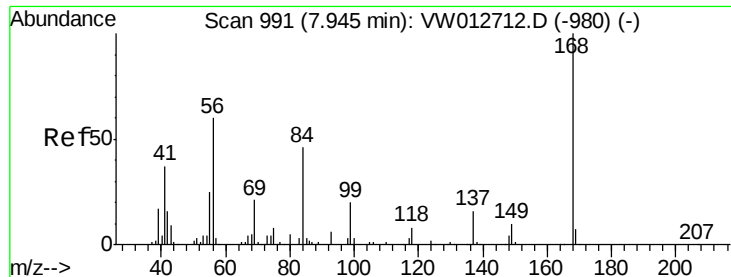
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

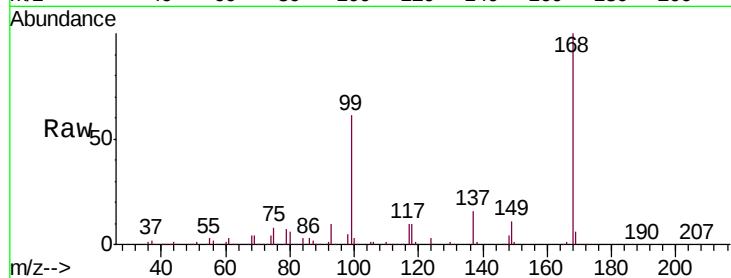
SB-5-(0-2)

Tgt Ion:168 Resp: 243446

Ion Ratio Lower Upper

168 100

99 60.6 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

120000

100000

80000

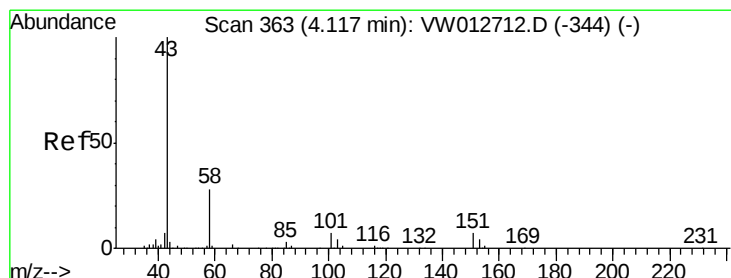
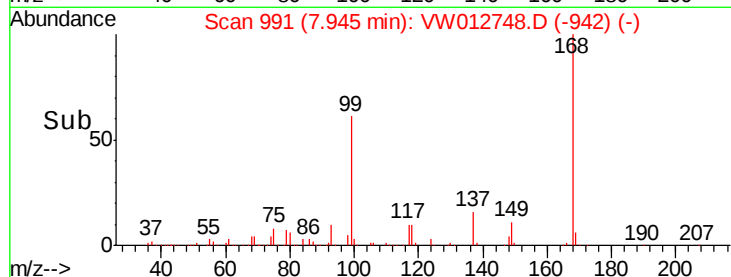
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.108 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012748.D

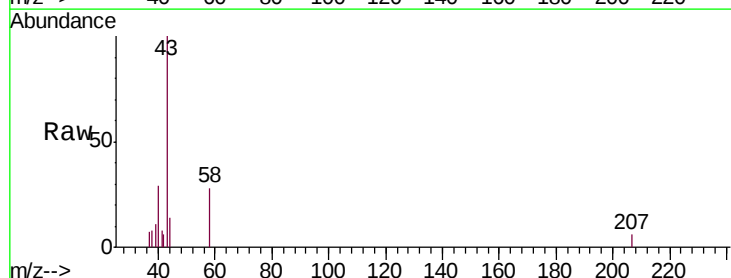
Acq: 08 Sep 2019 05:24

Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

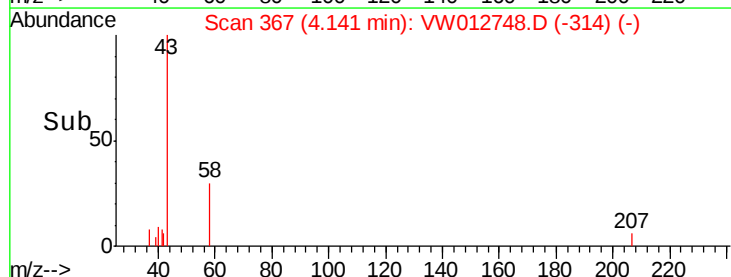
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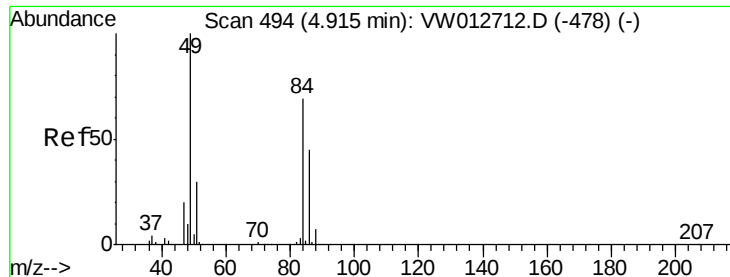
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200

0

Time-->

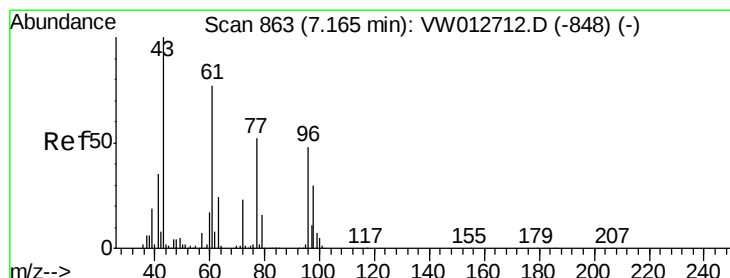
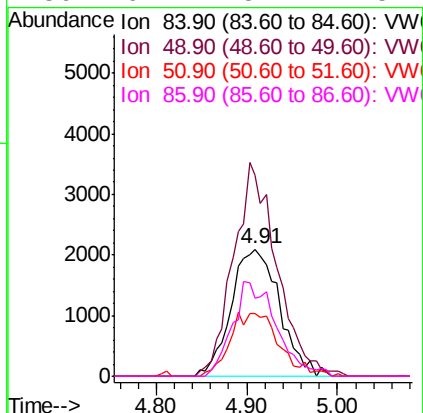
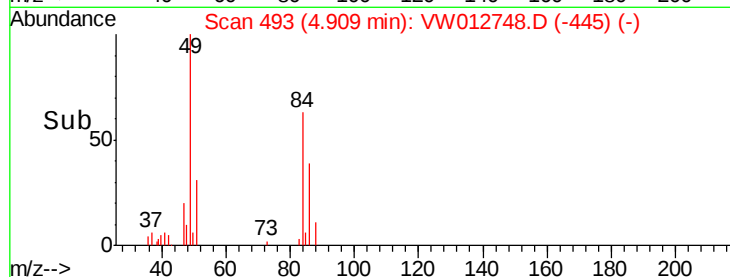
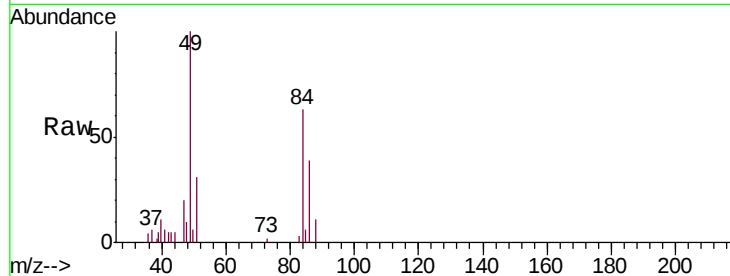




#20
Methylene Chloride
Concen: 3.358 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

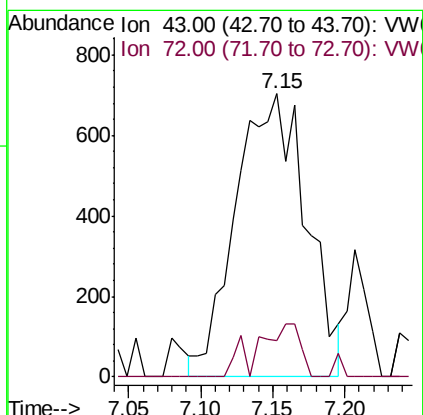
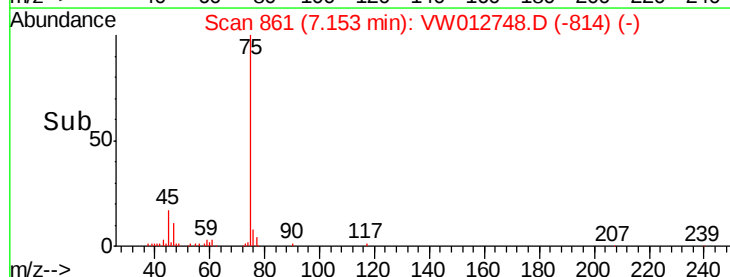
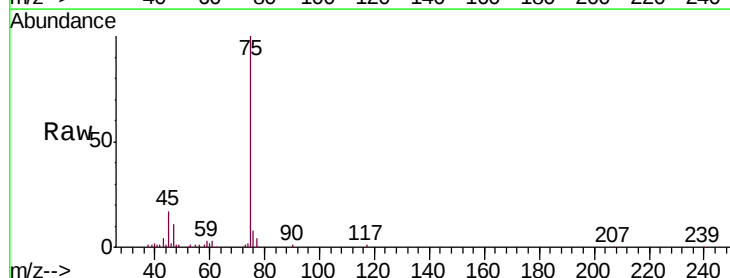
Instrument :
MSVOA_W
ClientSampled :
SB-5-(0-2)

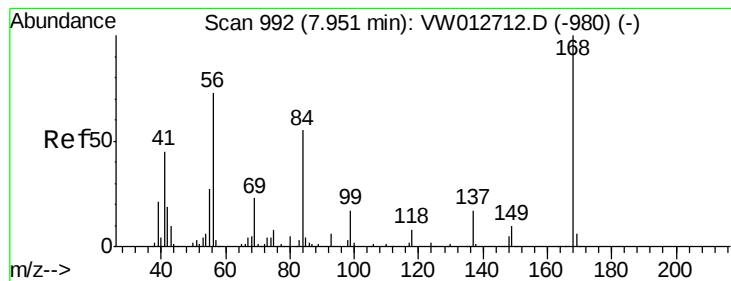
Tgt Ion: 84 Resp: 7790
Ion Ratio Lower Upper
84 100
49 158.0 115.4 173.0
51 49.0 34.9 52.3
86 61.7 52.2 78.4



#25
2-Butanone
Concen: 21.703 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
72 4.8 18.0 27.0#





#31

Cyclohexane

Concen: 1.461 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampled :

SB-5-(0-2)

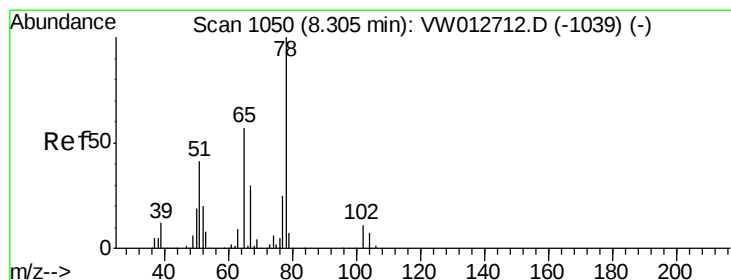
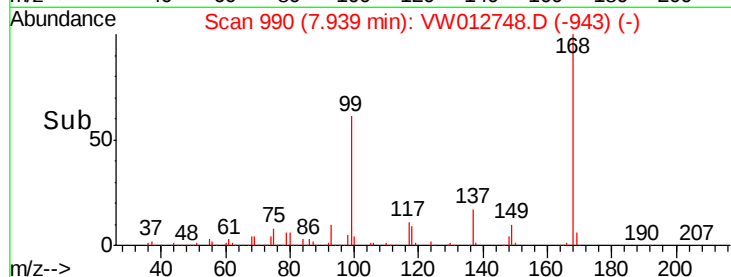
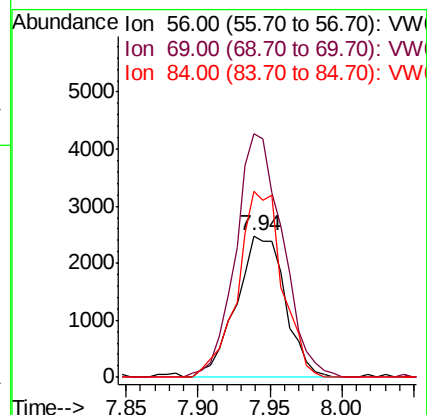
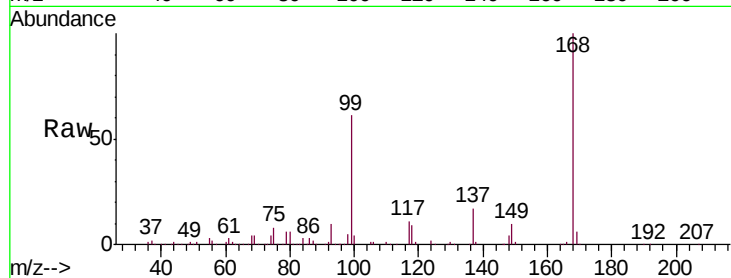
Tgt Ion: 56 Resp: 5841

Ion Ratio Lower Upper

56 100

69 171.8 25.7 38.5#

84 131.3 60.4 90.6#



#33

1,2-Dichloroethane-d4

Concen: 52.919 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012748.D

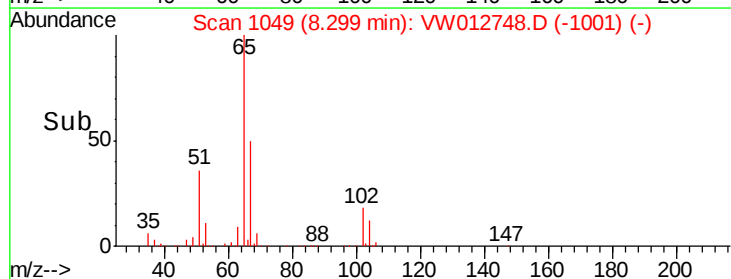
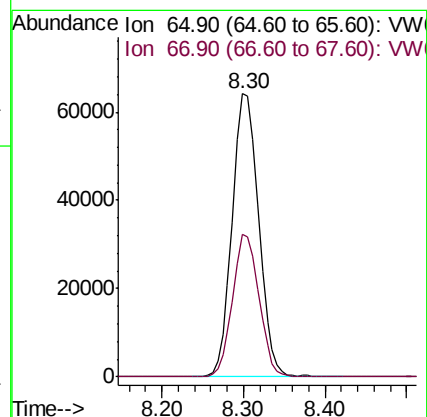
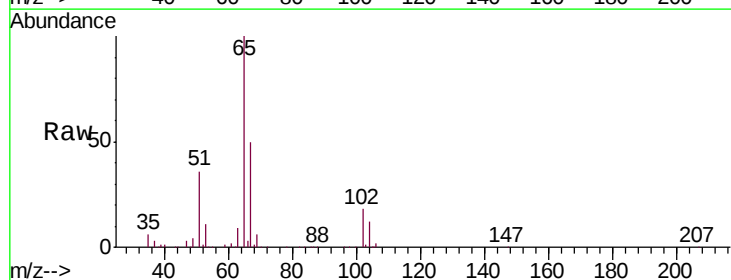
Acq: 08 Sep 2019 05:24

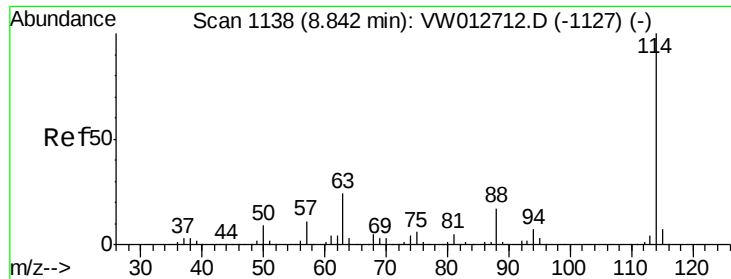
Tgt Ion: 65 Resp: 143945

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8

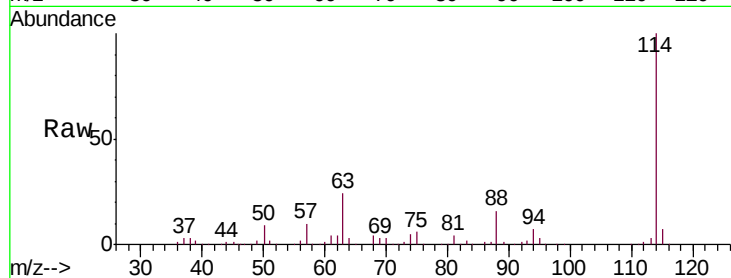




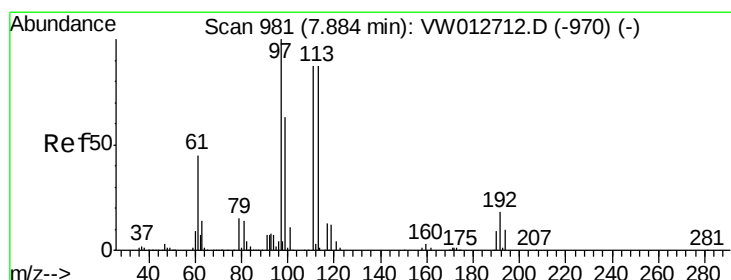
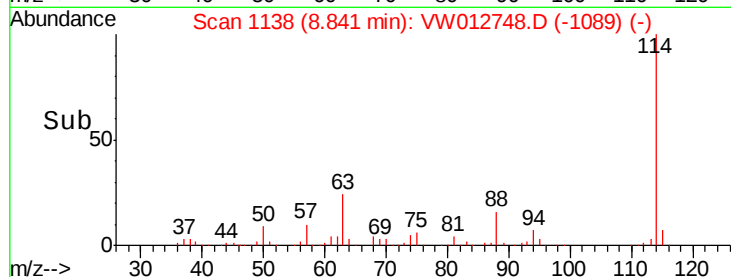
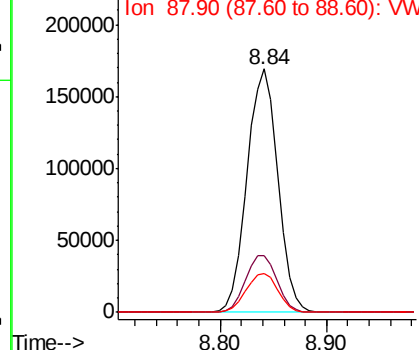
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(0-2)

Tgt Ion:114 Resp: 345600
Ion Ratio Lower Upper
114 100
63 23.5 0.0 47.2
88 15.7 0.0 34.0

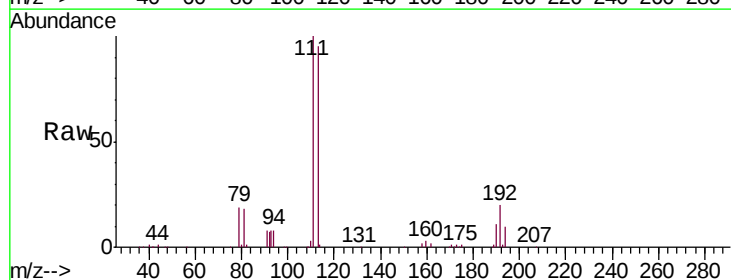


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

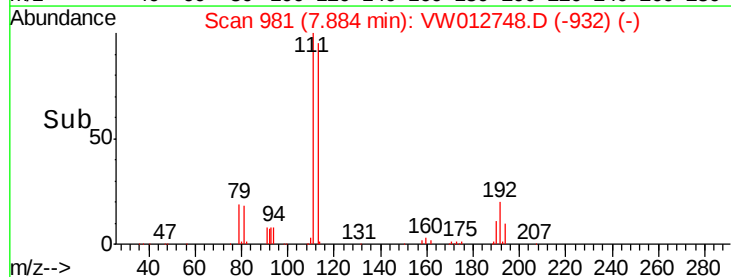
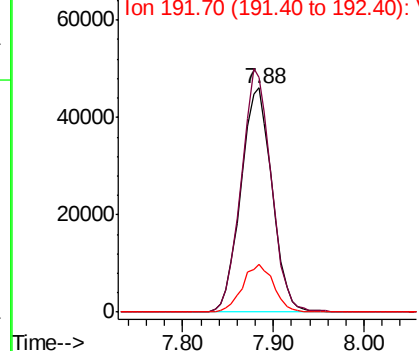


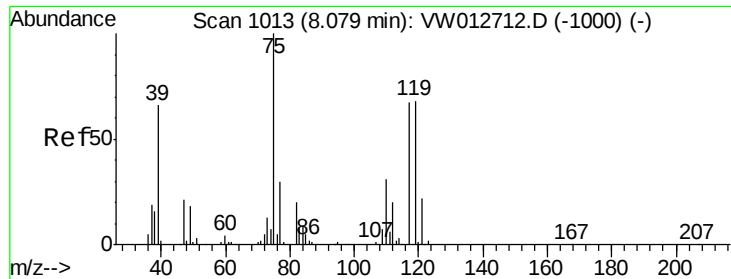
#35
Dibromofluoromethane
Concen: 53.448 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Tgt Ion:113 Resp: 109819
Ion Ratio Lower Upper
113 100
111 104.8 80.2 120.4
192 21.2 17.3 25.9



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

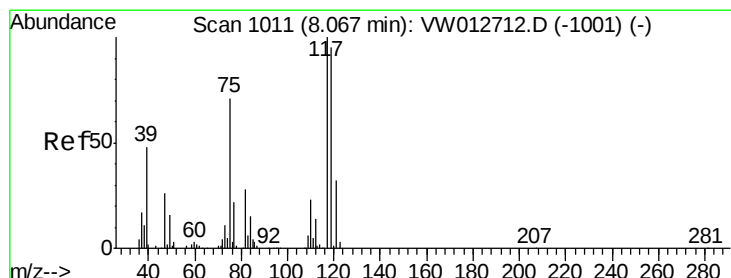
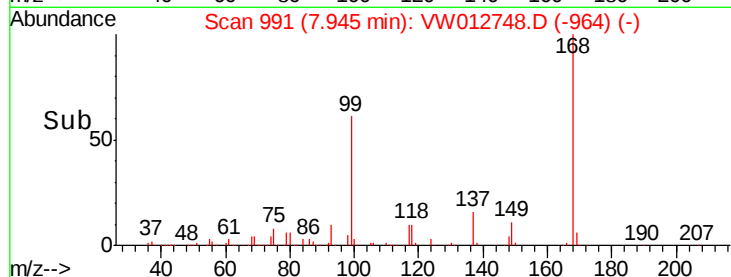
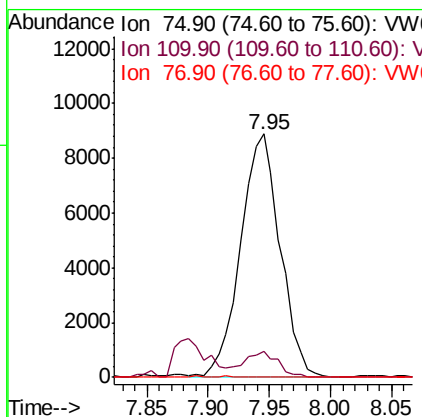
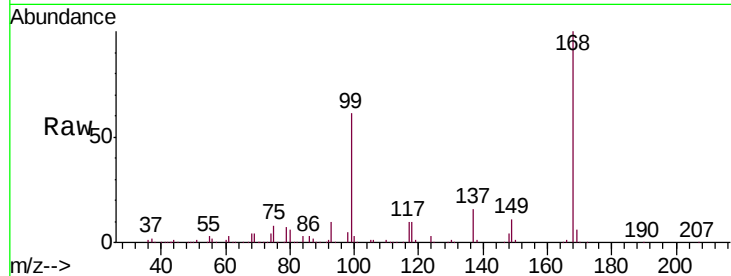




#36
 1,1-Dichloropropene
 Concen: 6.498 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012748.D
 Acq: 08 Sep 2019 05:24

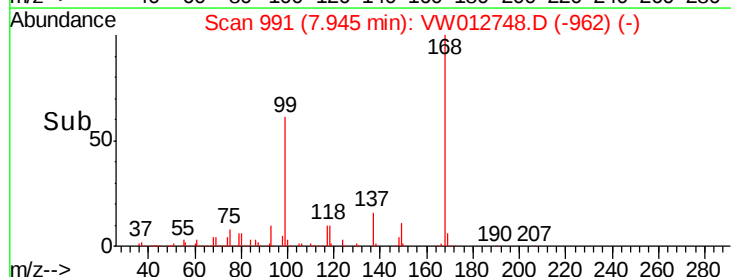
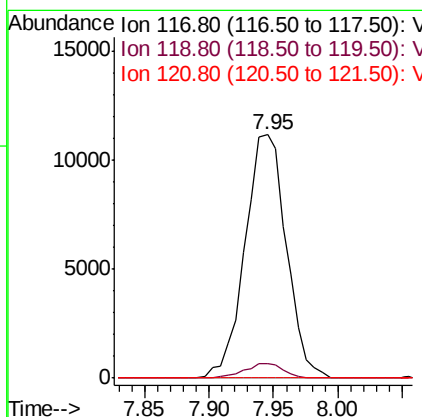
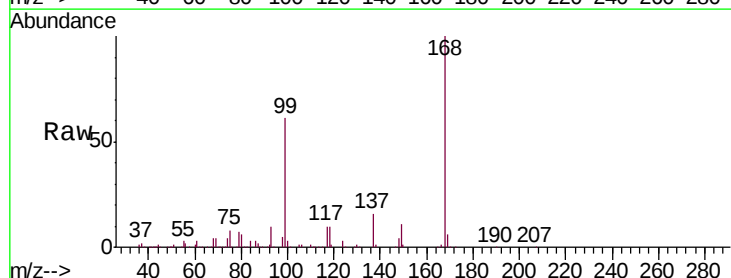
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(0-2)

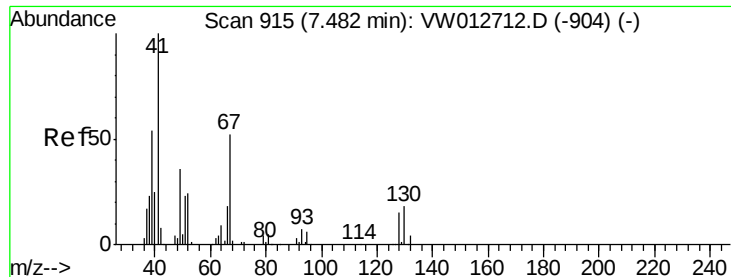
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	15.9	47.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 8.153 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012748.D
 Acq: 08 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.2	114.2#
121	0.0	25.4	38.2#





#41

Methacrylonitrile

Concen: 3.867 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(0-2)

Tgt Ion: 41 Resp: 40

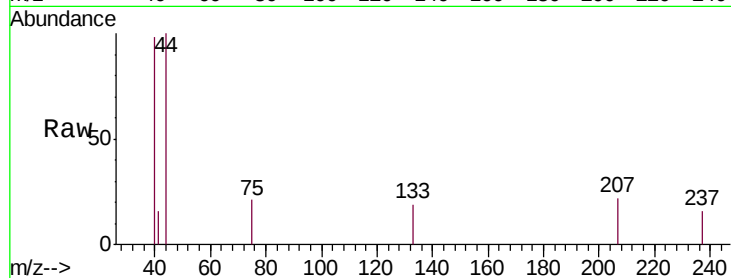
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

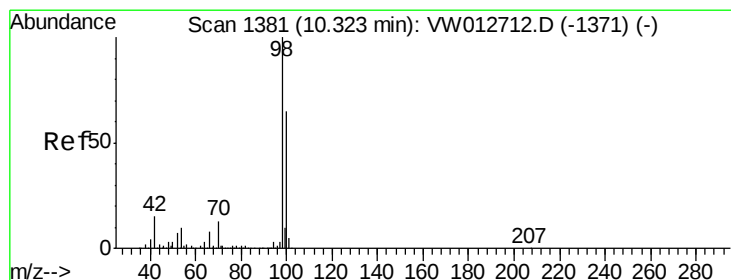
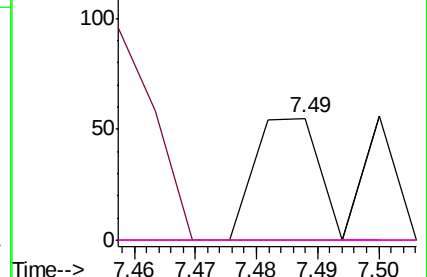
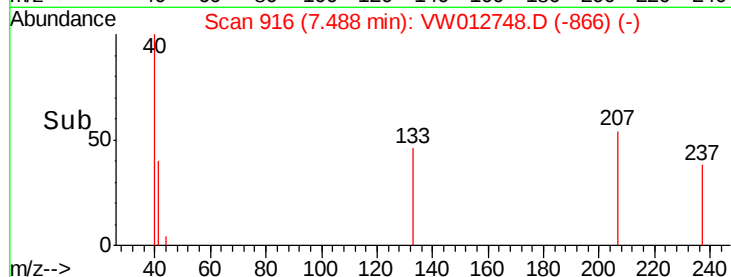


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 54.210 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012748.D

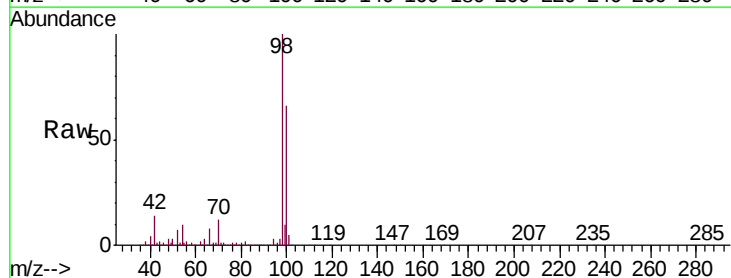
Acq: 08 Sep 2019 05:24

Tgt Ion: 98 Resp: 436375

Ion Ratio Lower Upper

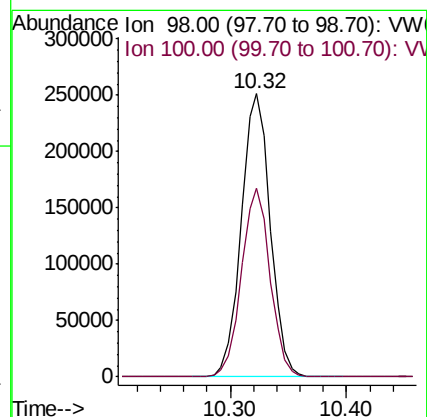
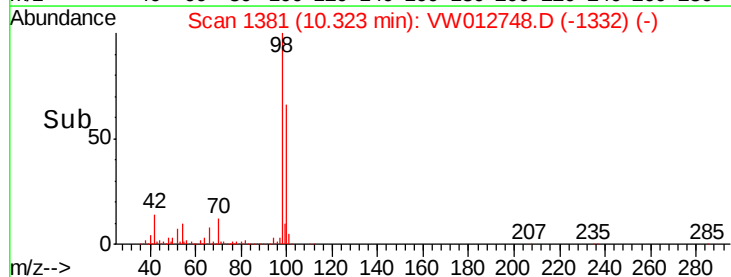
98 100

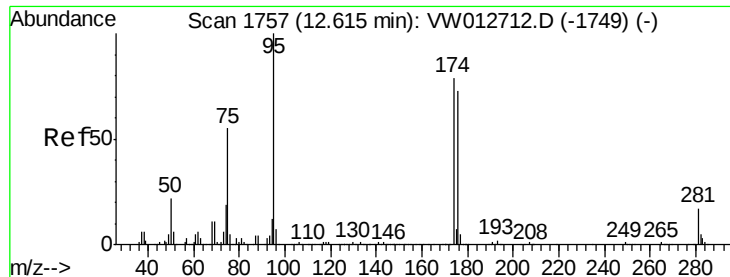
100 65.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

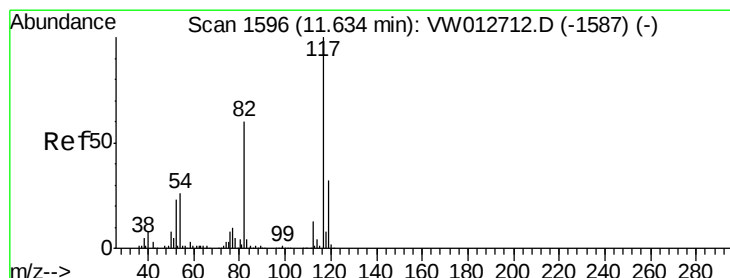
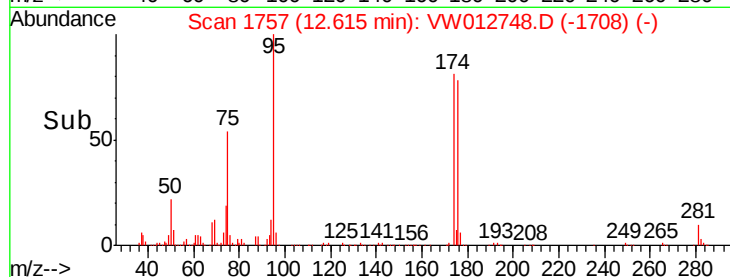
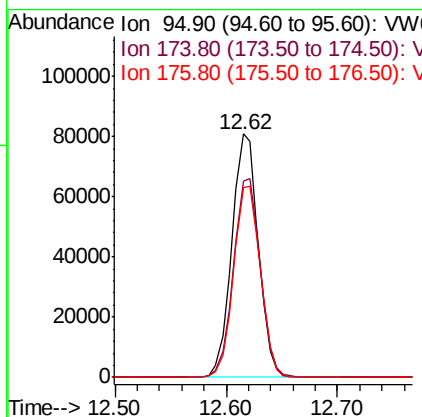
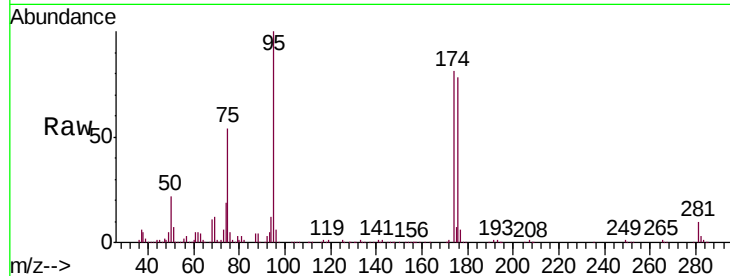




#62
4-Bromofluorobenzene
Concen: 45.432 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

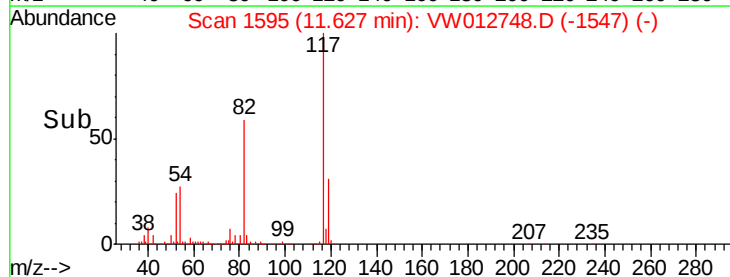
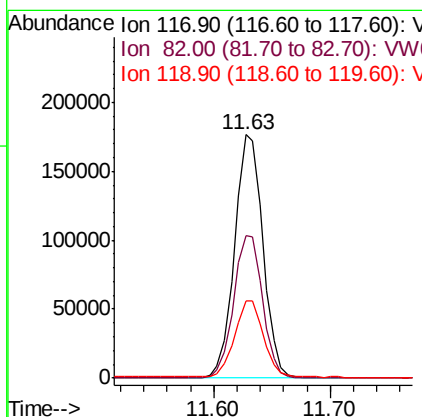
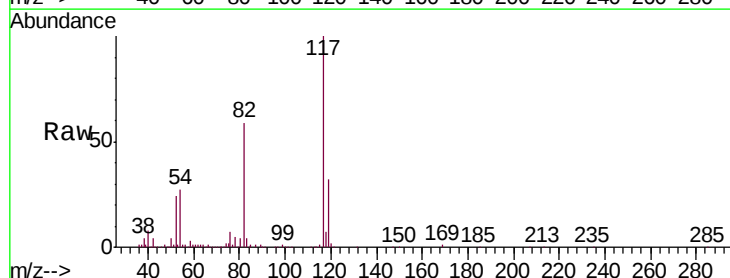
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SB-5-(0-2)

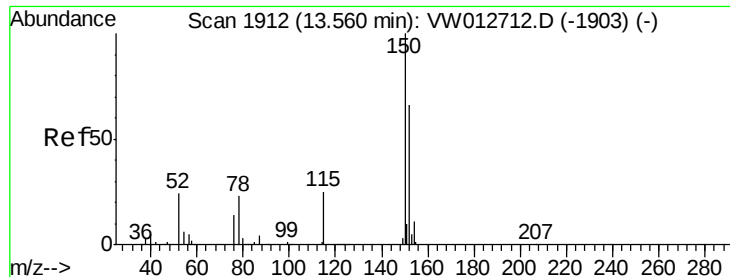
Tgt Ion: 95 Resp: 132767
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.0
176 79.8 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Tgt Ion: 117 Resp: 299097
Ion Ratio Lower Upper
117 100
82 58.7 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: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(0-2)

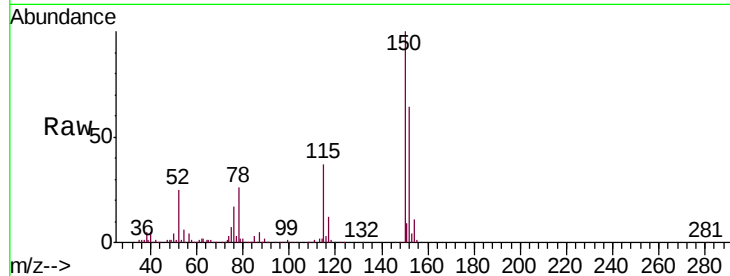
Tgt Ion:152 Resp: 120427

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.1

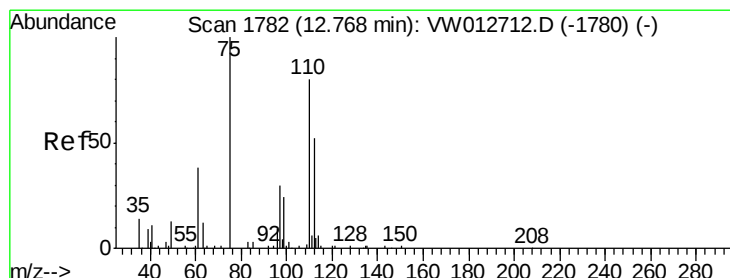
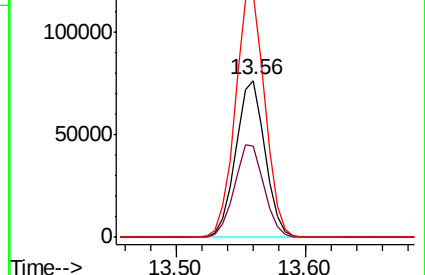
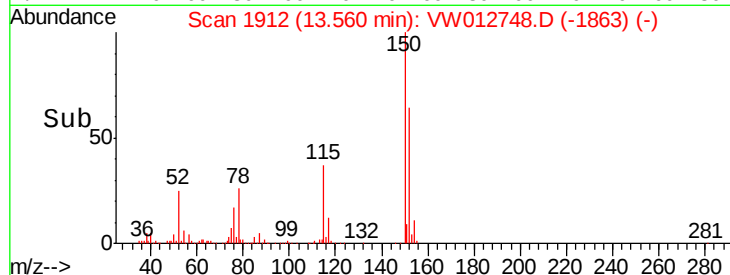
150 157.9 0.0 349.0



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: 58.674 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012748.D

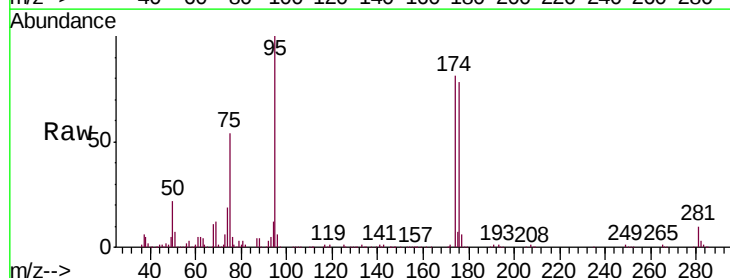
Acq: 08 Sep 2019 05:24

Tgt Ion: 75 Resp: 72252

Ion Ratio Lower Upper

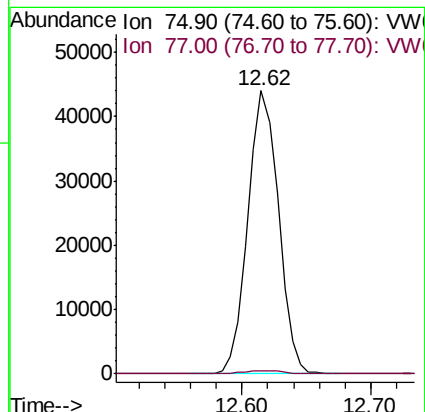
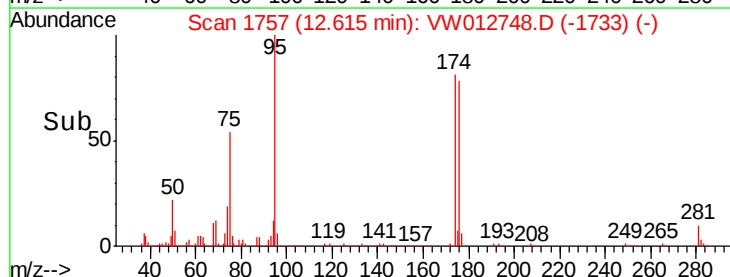
75 100

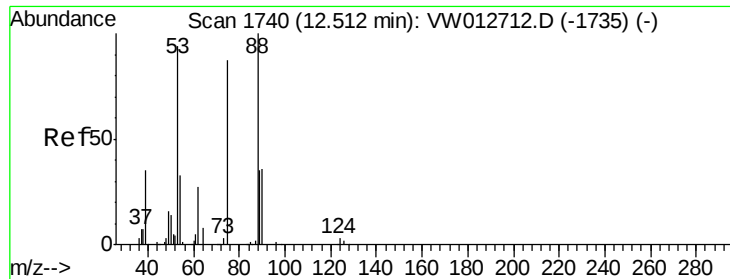
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

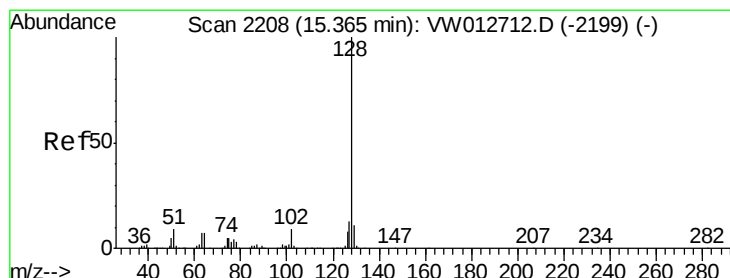
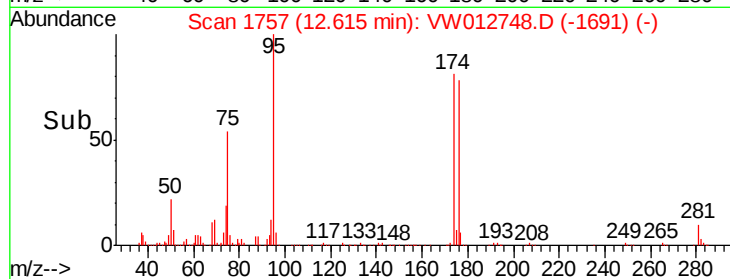
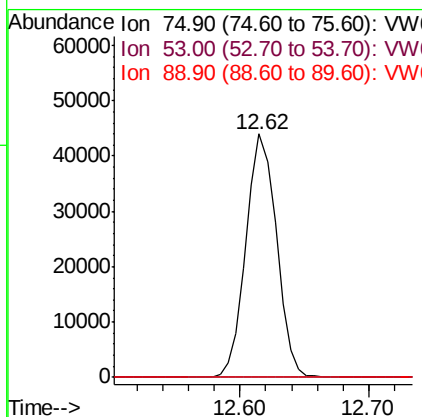
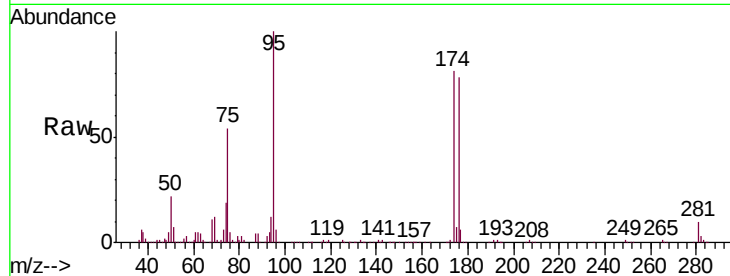




#81
trans-1,4-Dichloro-2-butene
Concen: 124.099 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 75 Resp: 72252
Ion Ratio Lower Upper
75 100
53 0.2 87.6 131.4#
89 0.1 35.5 53.3#



#95
Naphthalene
Concen: 4.529 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Tgt Ion: 128 Resp: 500
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 13.0 8.7 13.1

