

Data File : VW012746.D
Acq On : 08 Sep 2019 04:32
Operator : SY/VA
Sample : K4554-45
Misc : 4.87G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 08 05:59:41 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	225213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	86456	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134884	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.88	113	104558	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.32	98	407313	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	105639	36.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.14%	

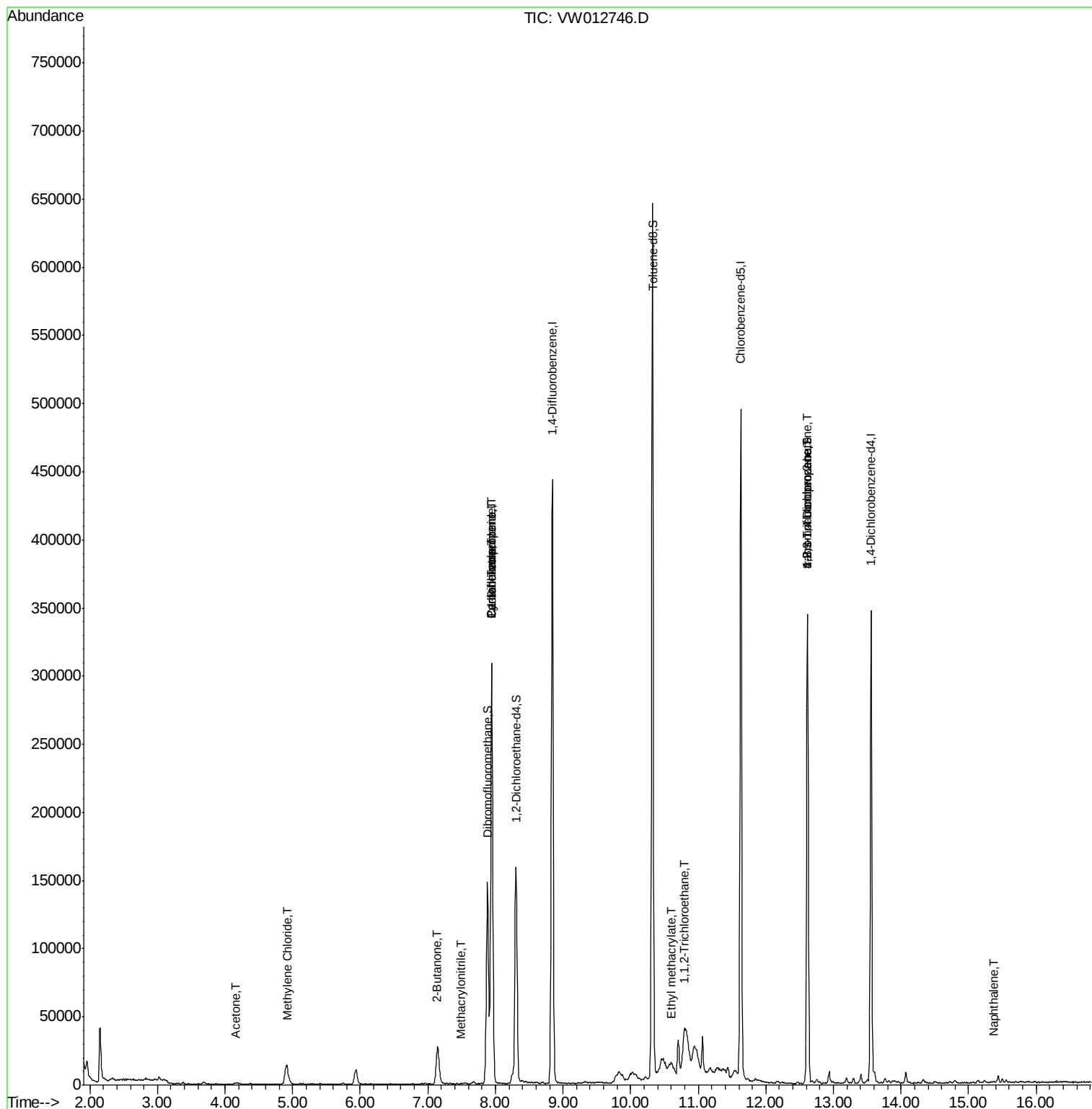
Target Compounds				Qvalue		
16) Acetone	4.15	43	2284	3.329	ug/l	100
20) Methylene Chloride	4.91	84	10586	4.932	ug/l	96
25) 2-Butanone	7.13	43	2230	21.714	ug/l #	83
31) Cyclohexane	7.95	56	5896	1.594	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	18955	6.159	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22396	7.383	ug/l #	16
41) Methacrylonitrile	7.49	41	38	3.865	ug/l #	56
55) 1,1,2-Trichloroethane	10.80	97	2154	1.283	ug/l #	15
56) Ethyl methacrylate	10.61	69	6428	2.616	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	57924	65.521	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57924	138.582	ug/l #	7
95) Naphthalene	15.37	128	1001	4.691	ug/l #	78

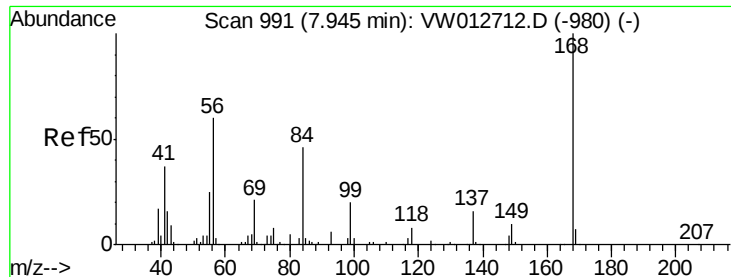
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012746.D
Acq On : 08 Sep 2019 04:32
Operator : SY/VA
Sample : K4554-45
Misc : 4.87G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 08 05:59:41 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

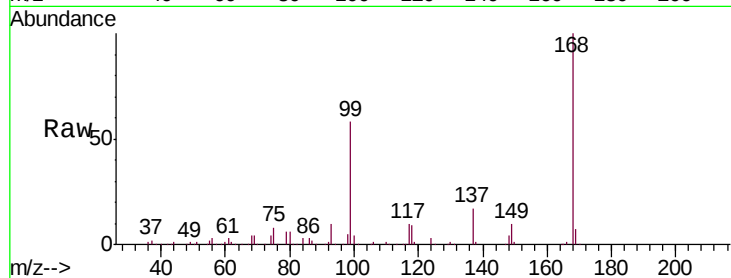
SB-2-(0-2)

Tgt Ion:168 Resp: 225213

Ion Ratio Lower Upper

168 100

99 58.2 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

100000

80000

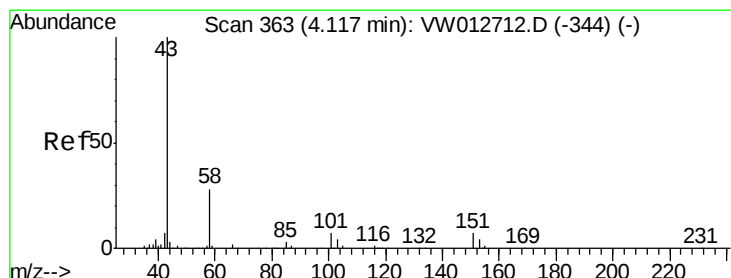
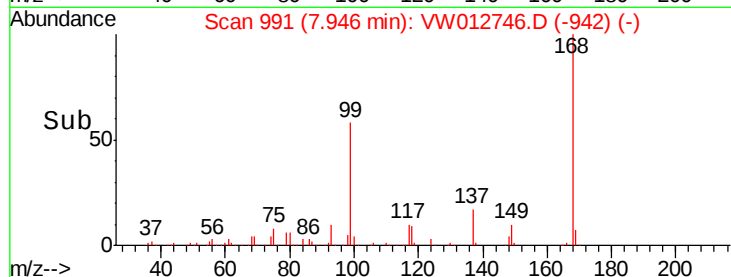
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.329 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW012746.D

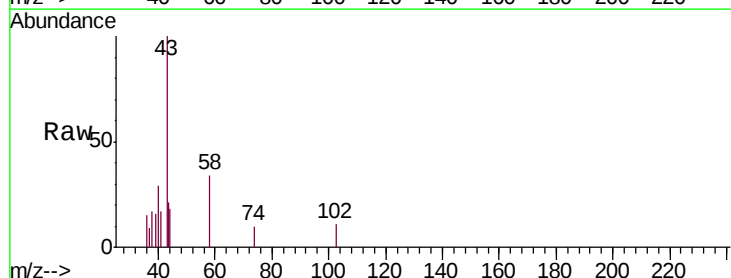
Acq: 08 Sep 2019 04:32

Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 28.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

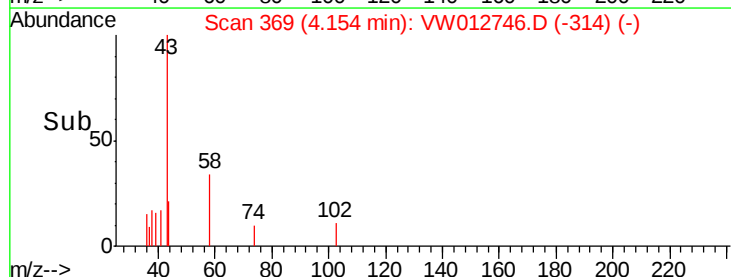
600

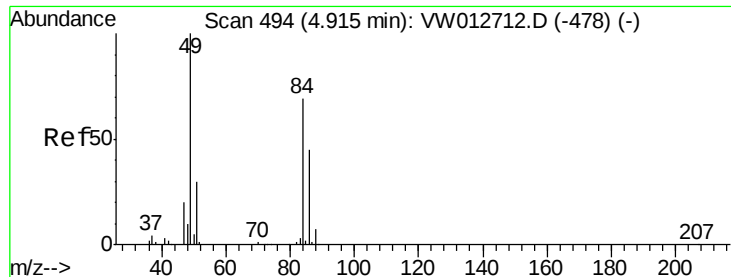
400

200

0

Time-->

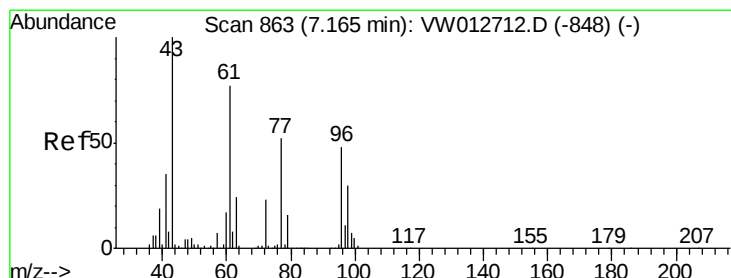
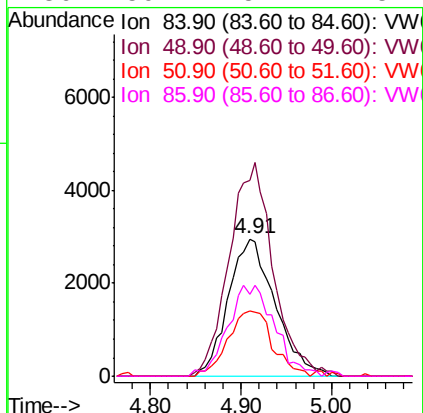
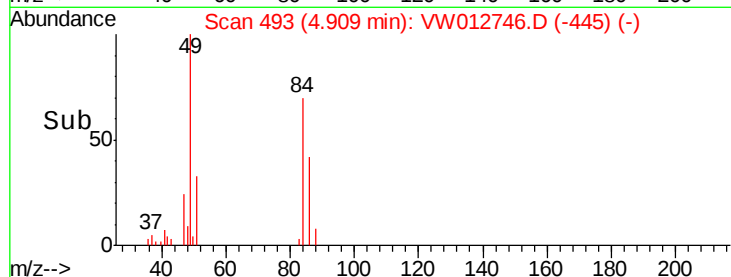
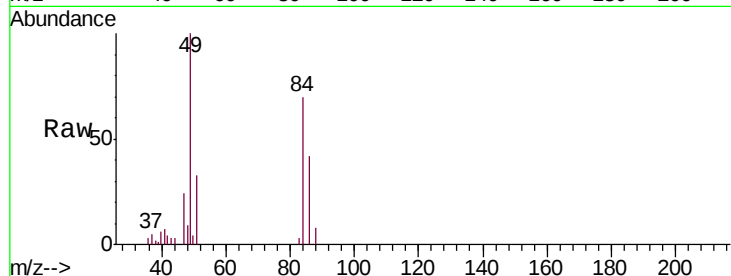




#20
Methylene Chloride
Concen: 4.932 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012746.D
Acq: 08 Sep 2019 04:32

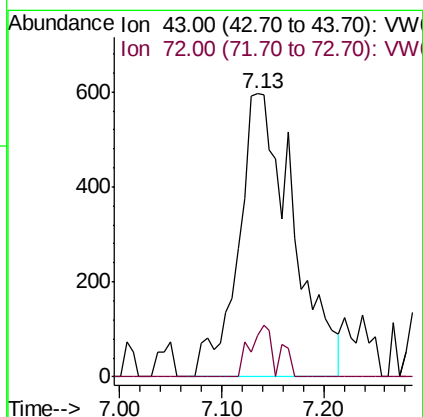
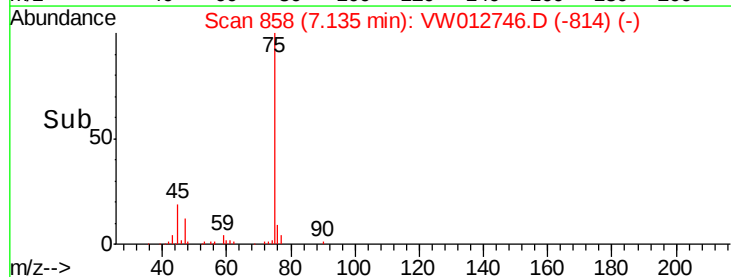
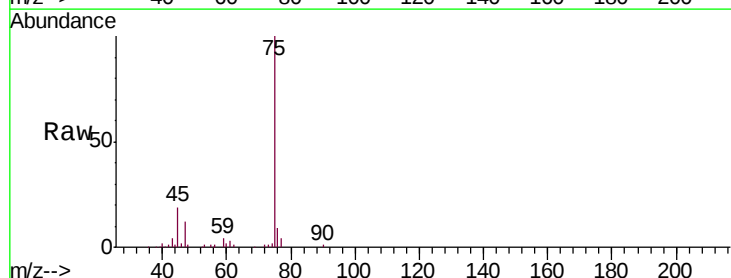
Instrument :
MSVOA_W
ClientSampled :
SB-2-(0-2)

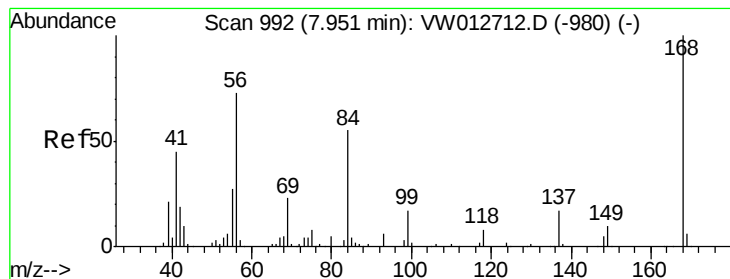
Tgt Ion: 84 Resp: 10586
Ion Ratio Lower Upper
84 100
49 142.6 115.4 173.0
51 47.1 34.9 52.3
86 59.2 52.2 78.4



#25
2-Butanone
Concen: 21.714 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW012746.D
Acq: 08 Sep 2019 04:32

Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
72 14.4 18.0 27.0#





#31

Cyclohexane

Concen: 1.594 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampled :

SB-2-(0-2)

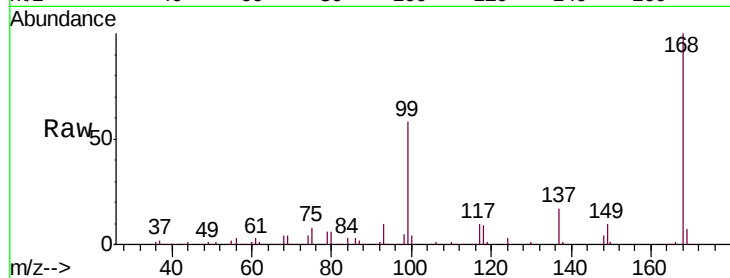
Tgt Ion: 56 Resp: 5896

Ion Ratio Lower Upper

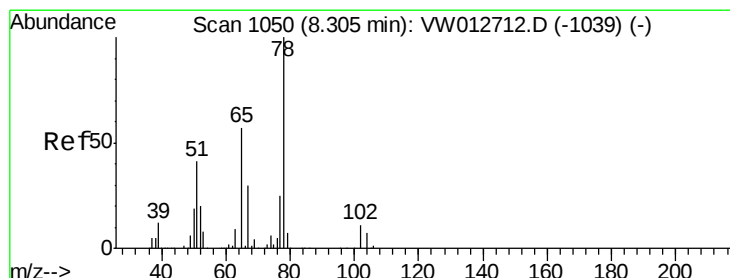
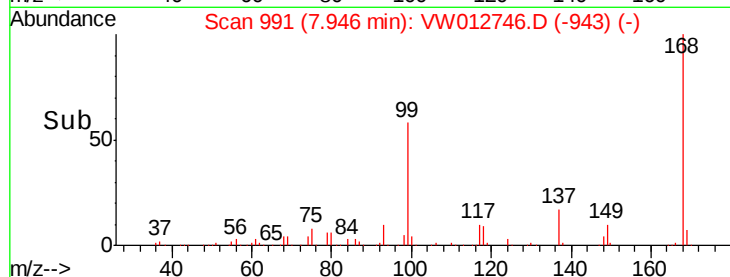
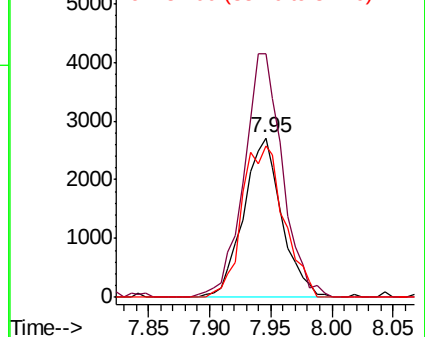
56 100

69 152.9 25.7 38.5#

84 95.3 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: 53.603 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012746.D

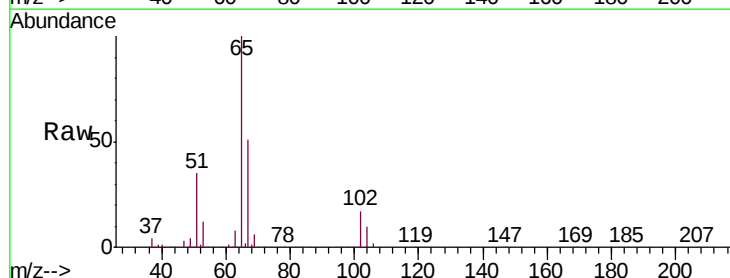
Acq: 08 Sep 2019 04:32

Tgt Ion: 65 Resp: 134884

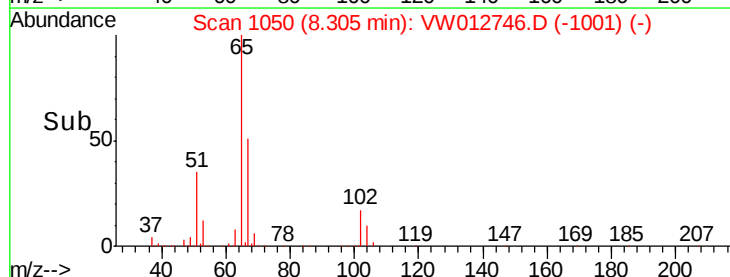
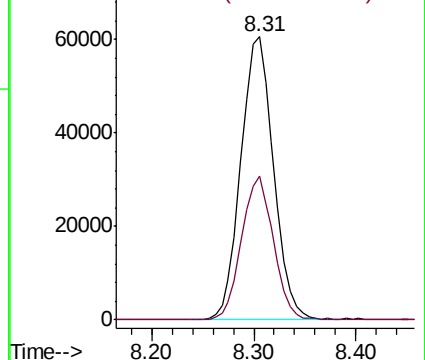
Ion Ratio Lower Upper

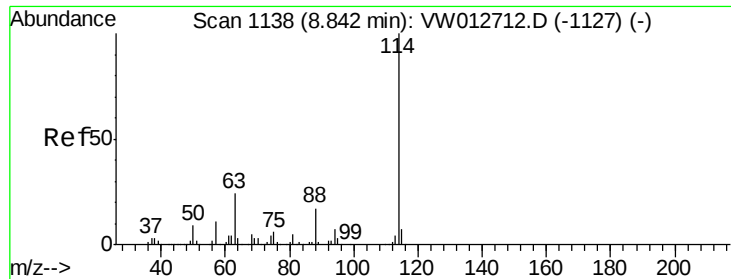
65 100

67 49.6 0.0 101.8



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

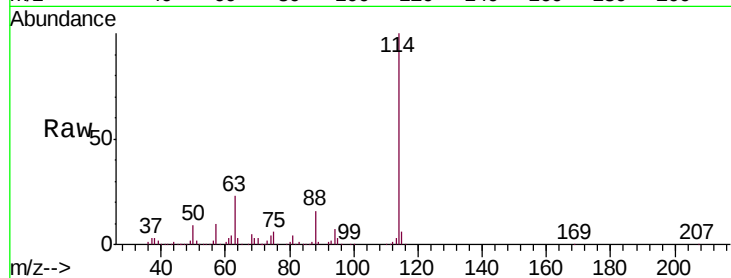




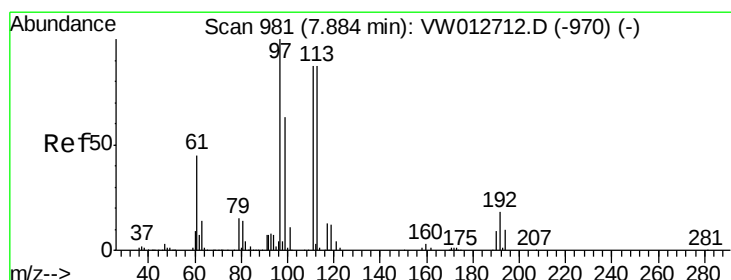
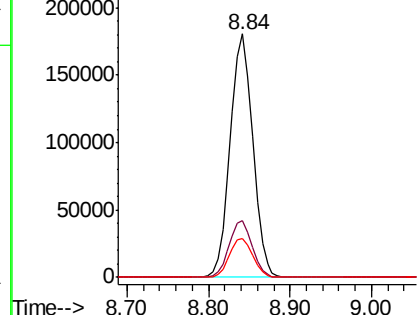
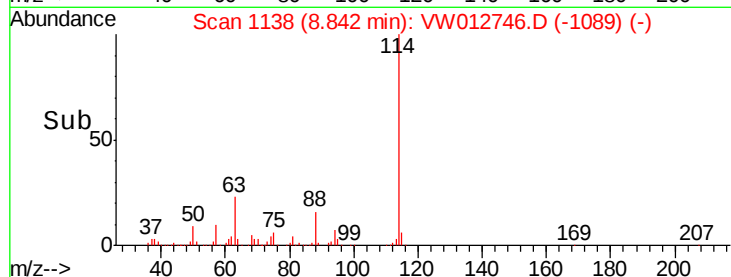
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.2	0.0	34.0

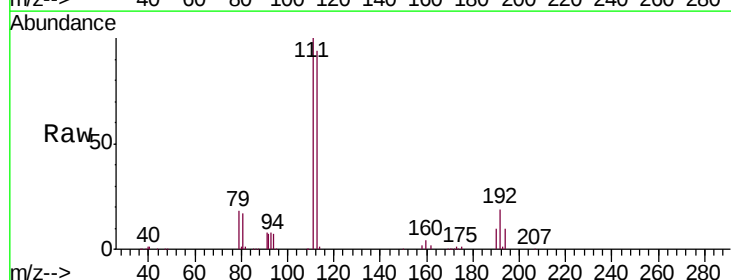


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

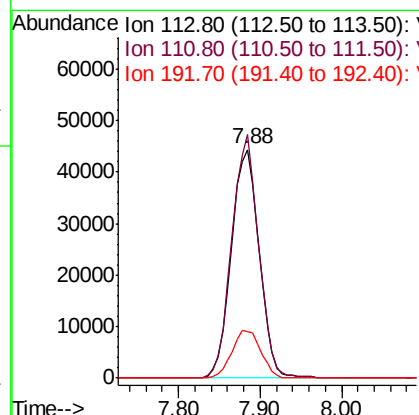
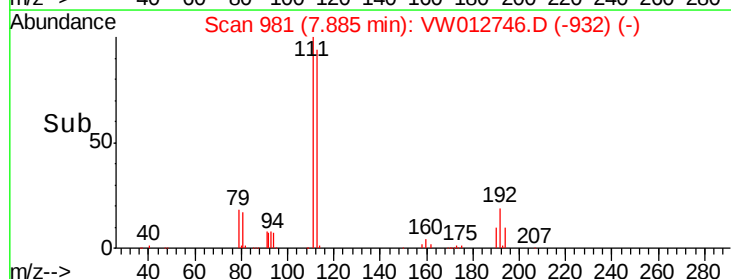


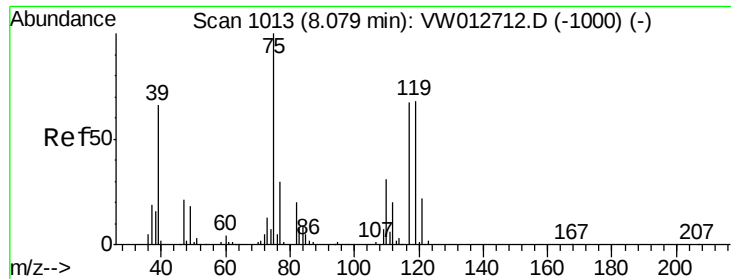
#35
 Dibromofluoromethane
 Concen: 50.778 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.2	120.4
192	21.7	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

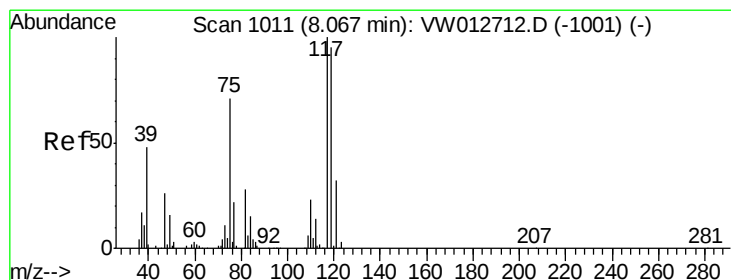
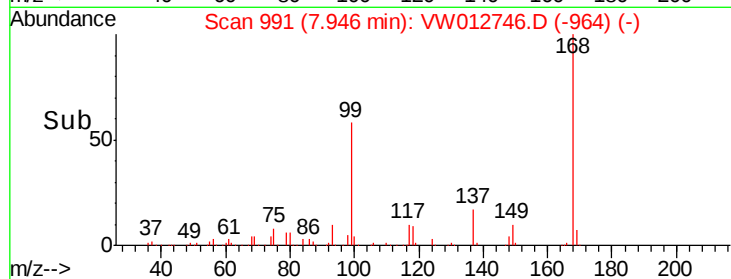
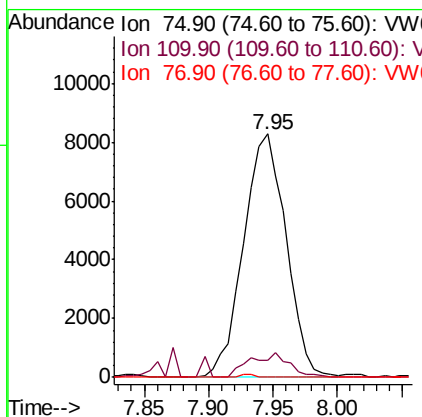
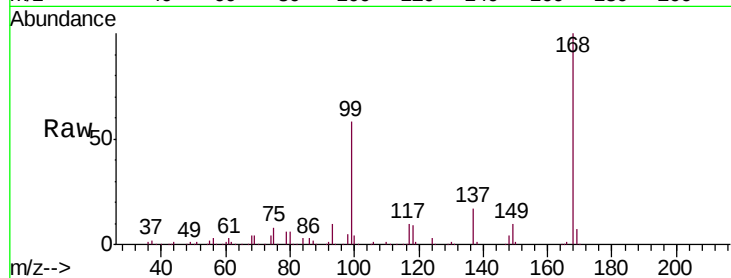




#36
 1,1-Dichloropropene
 Concen: 6.159 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

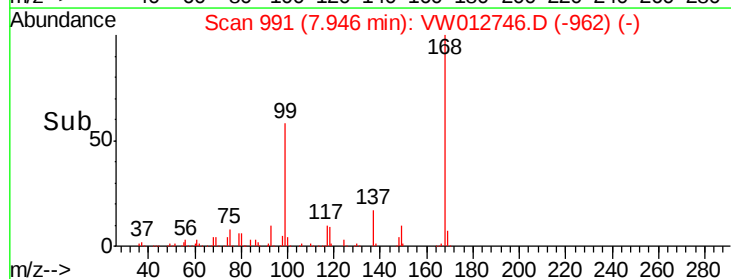
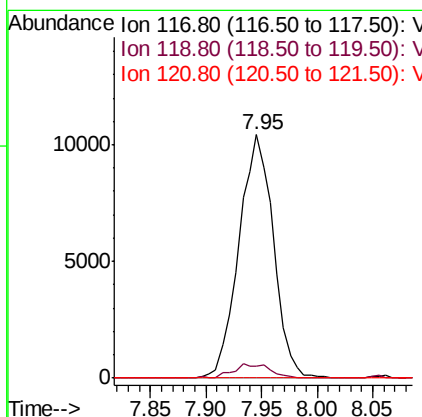
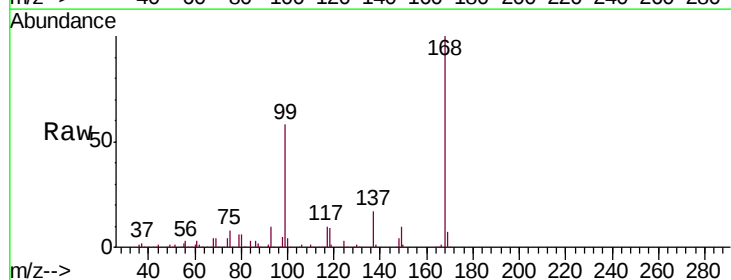
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2-(0-2)

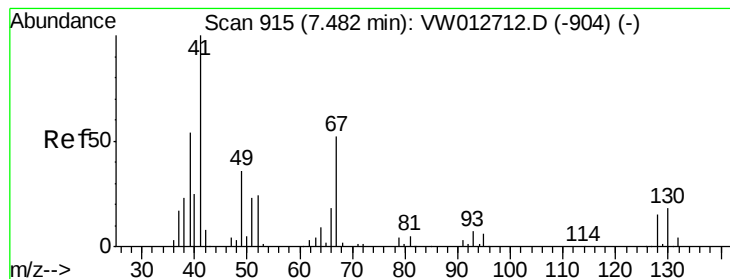
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	15.9	47.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.383 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	25.4	38.2#





#41

Methacrylonitrile

Concen: 3.865 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

SB-2-(0-2)

Tgt Ion: 41 Resp: 38

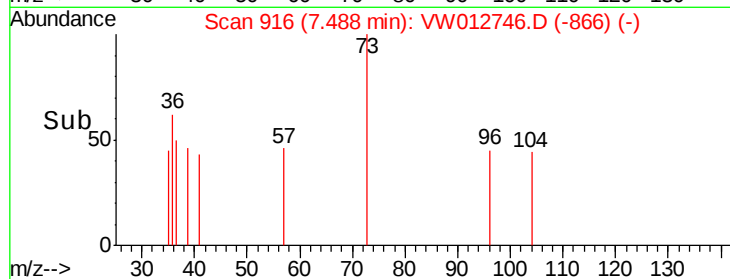
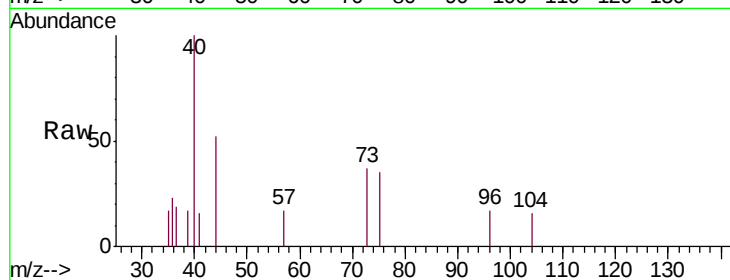
Ion Ratio Lower Upper

41 100

39 52.6 47.5 71.3

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

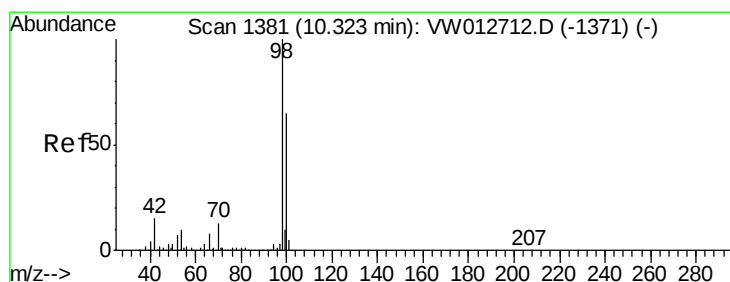
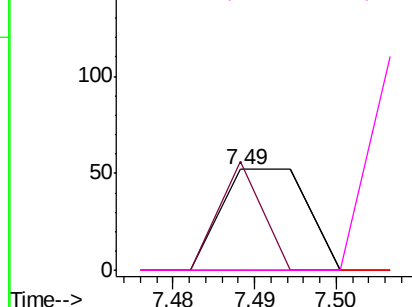


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.490 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012746.D

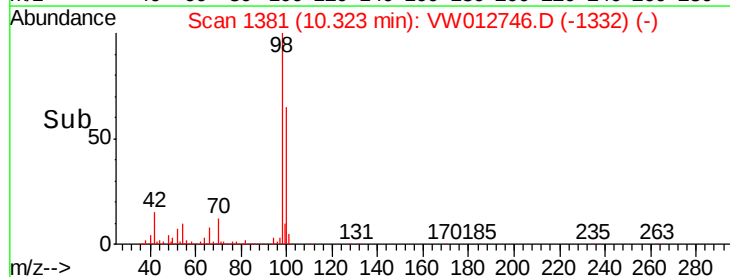
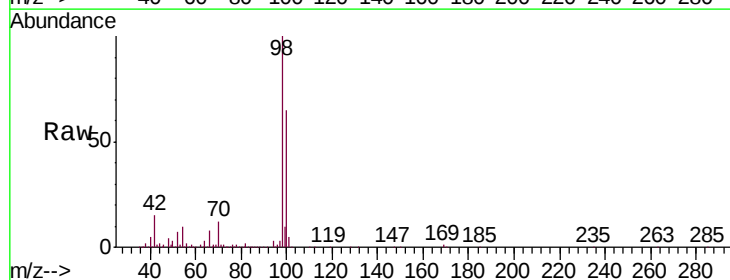
Acq: 08 Sep 2019 04:32

Tgt Ion: 98 Resp: 407313

Ion Ratio Lower Upper

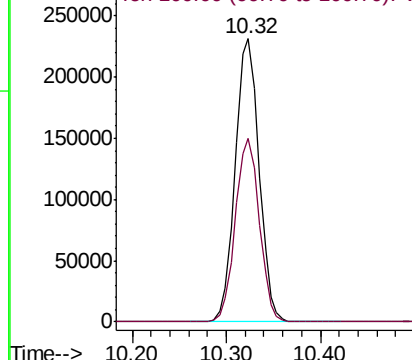
98 100

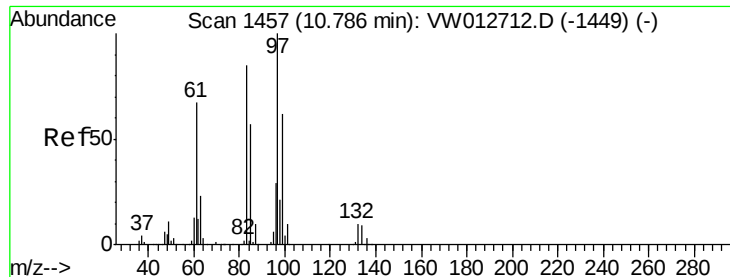
100 65.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

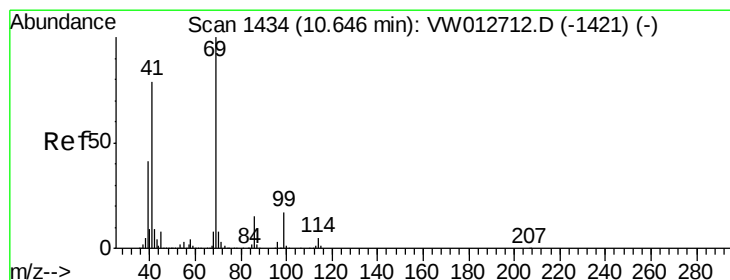
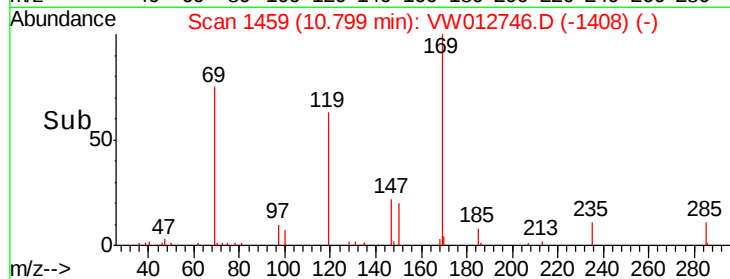
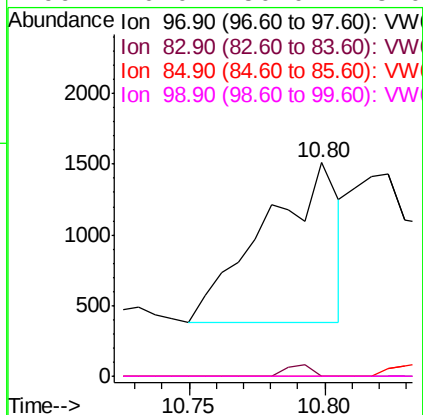
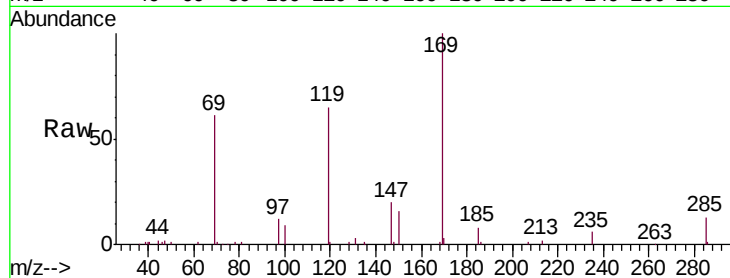




#55
 1,1,2-Trichloroethane
 Concen: 1.283 ug/l
 RT: 10.80 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

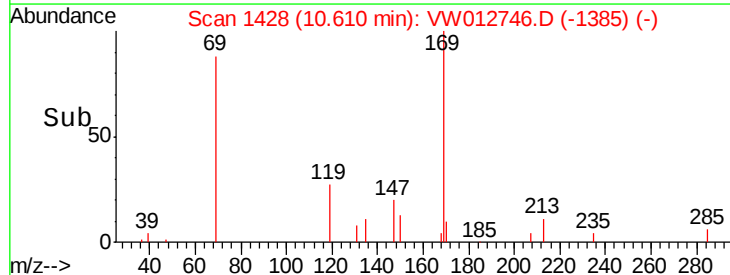
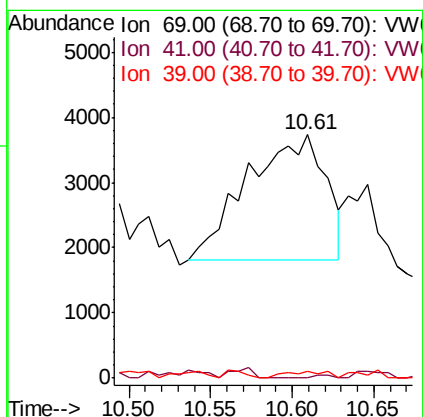
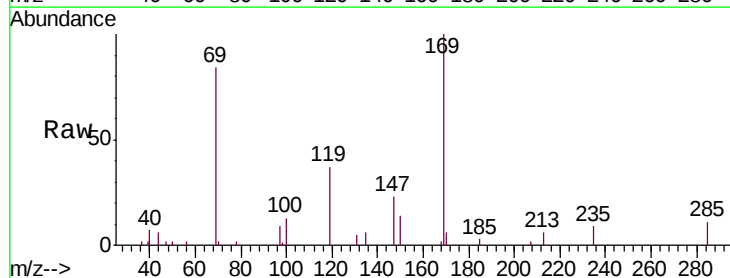
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2-(0-2)

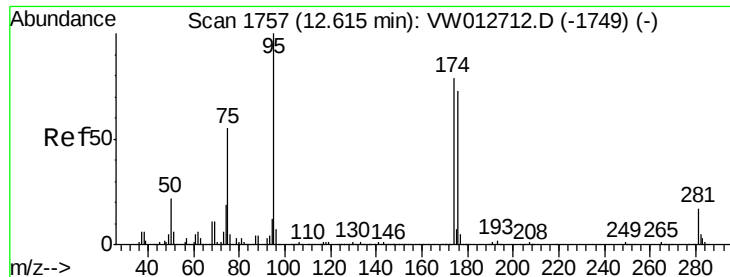
Tgt Ion: 97 Resp: 2154
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.1 102.1#
 85 0.0 45.3 67.9#
 99 0.0 50.0 75.0#



#56
 Ethyl methacrylate
 Concen: 2.616 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: VW012746.D
 Acq: 08 Sep 2019 04:32

Tgt Ion: 69 Resp: 6428
 Ion Ratio Lower Upper
 69 100
 41 0.6 64.4 96.6#
 39 2.7 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 36.071 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

SB-2-(0-2)

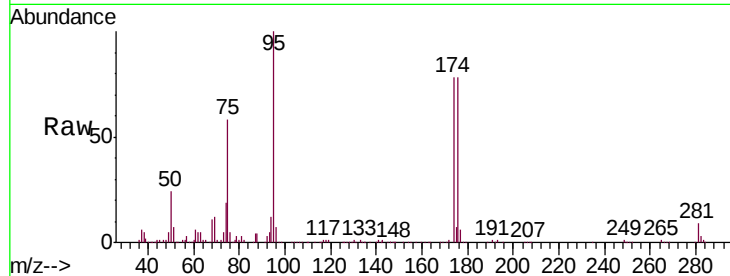
Tgt Ion: 95 Resp: 105639

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.0

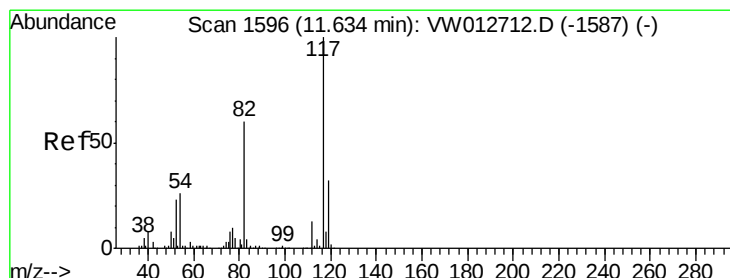
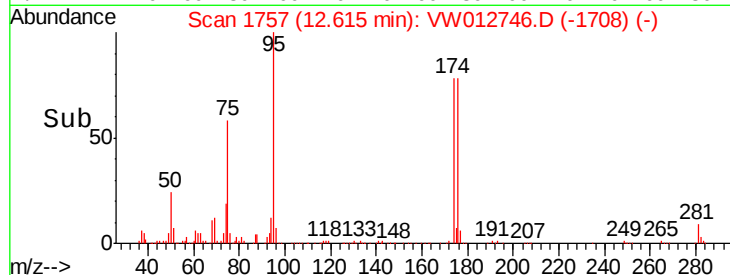
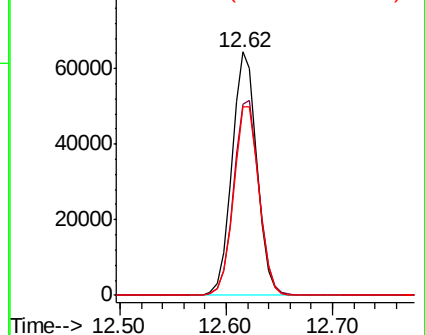
176 79.4 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

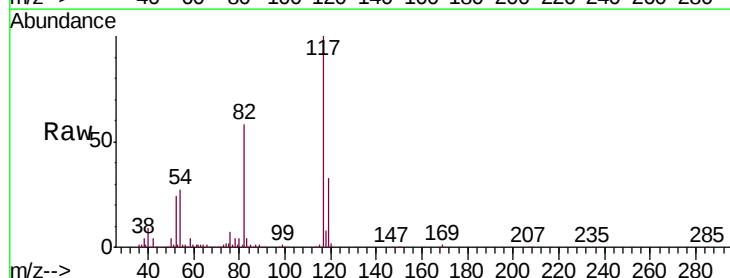
Tgt Ion: 117 Resp: 259149

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.4

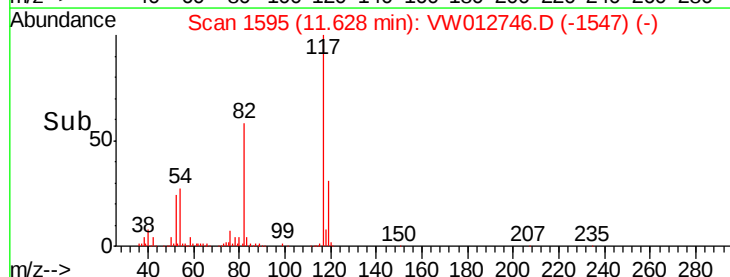
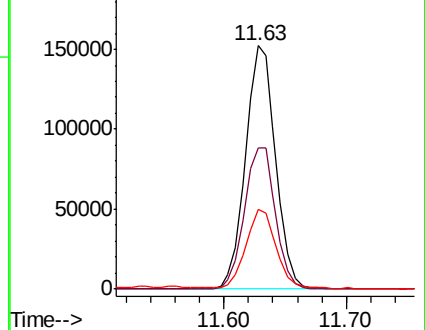
119 32.3 25.8 38.6

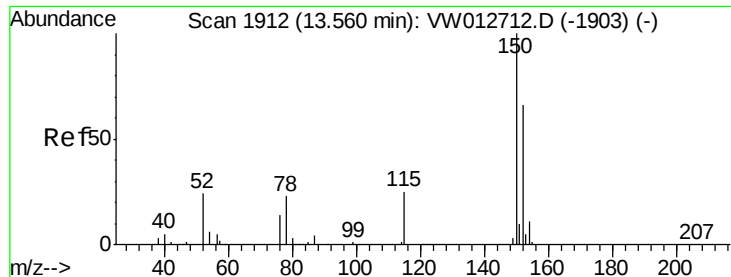


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012746.D

Acq: 08 Sep 2019 04:32

Instrument :

MSVOA_W

ClientSampleId :

SB-2-(0-2)

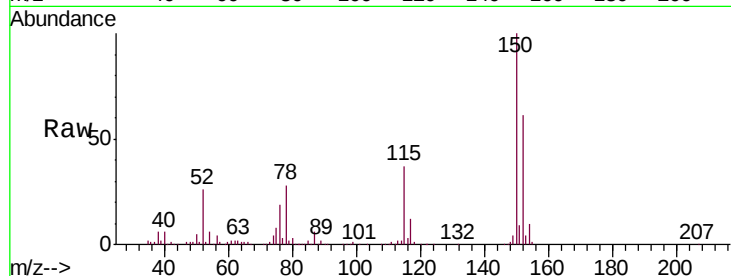
Tgt Ion:152 Resp: 86456

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.1

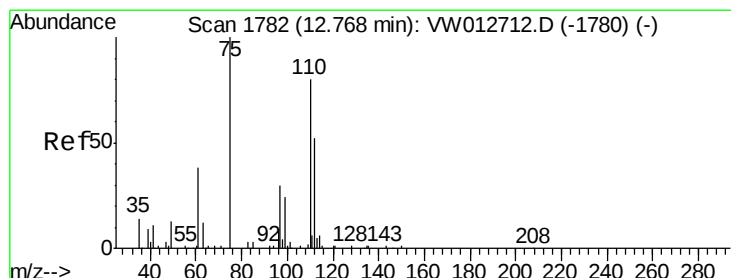
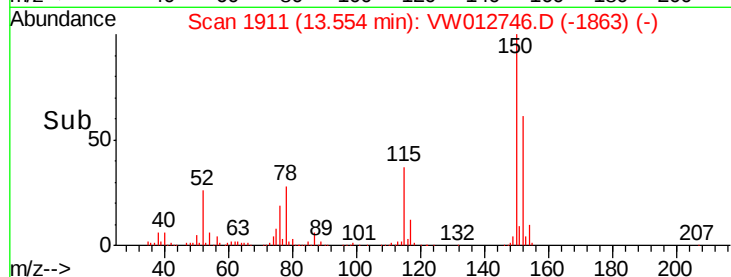
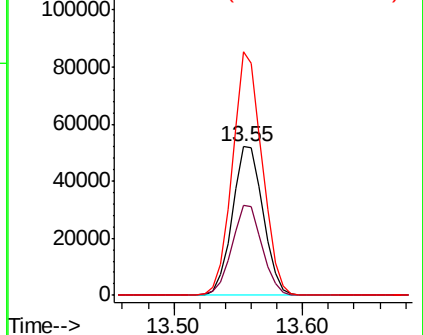
150 158.0 0.0 349.0



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: 65.521 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012746.D

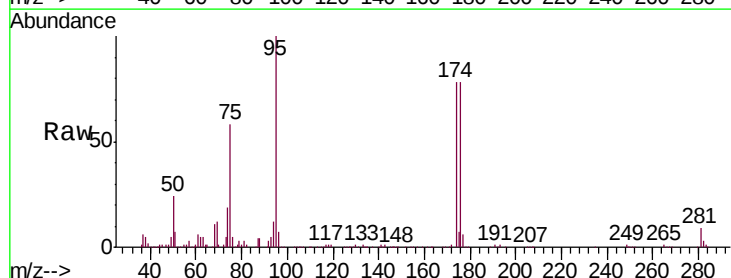
Acq: 08 Sep 2019 04:32

Tgt Ion: 75 Resp: 57924

Ion Ratio Lower Upper

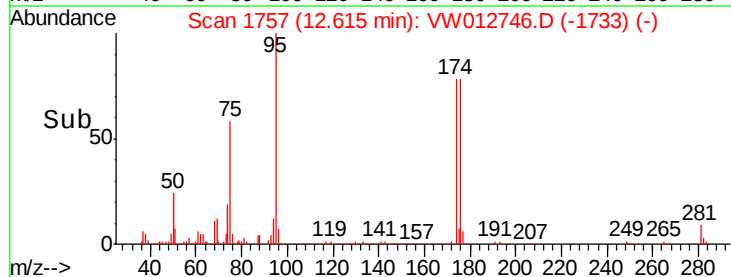
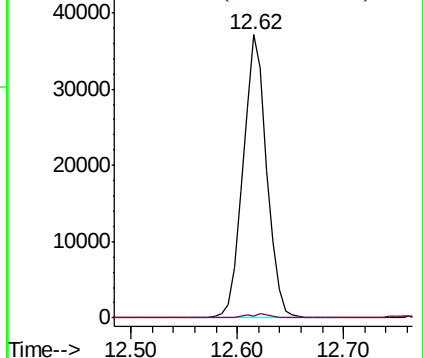
75 100

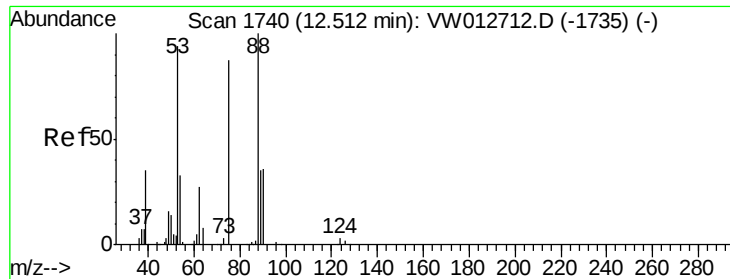
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

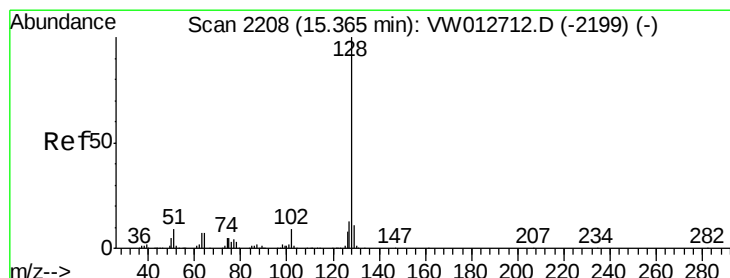
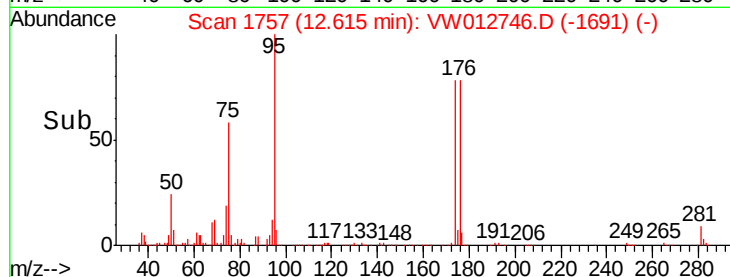
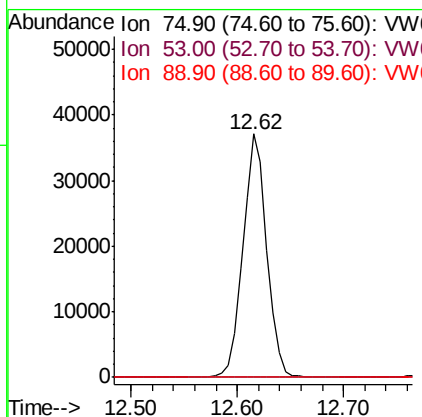
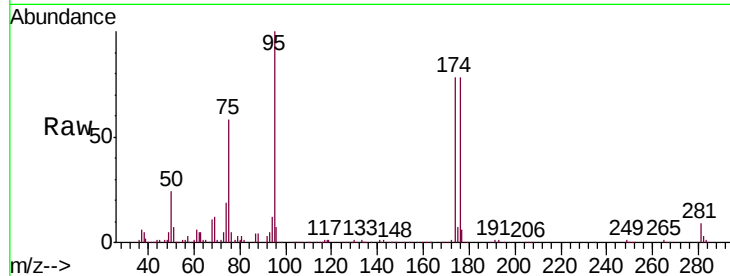




#81
trans-1,4-Dichloro-2-butene
Concen: 138.582 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012746.D
Acq: 08 Sep 2019 04:32

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

Tgt Ion: 75 Resp: 57924
Ion Ratio Lower Upper
75 100
53 0.4 87.6 131.4#
89 0.1 35.5 53.3#



#95
Naphthalene
Concen: 4.691 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012746.D
Acq: 08 Sep 2019 04:32

Tgt Ion: 128 Resp: 1001
Ion Ratio Lower Upper
128 100
127 2.4 10.7 16.1#
129 5.1 8.7 13.1#

