

Data File : VW012730.D
Acq On : 07 Sep 2019 19:55
Operator : SY/VA
Sample : K4554-25
Misc : 4.59G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-7-(0-2)

Quant Time: Sep 08 05:14:12 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	227352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	137026	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.88	113	104390	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.32	98	427954	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	133933	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	

Target Compounds

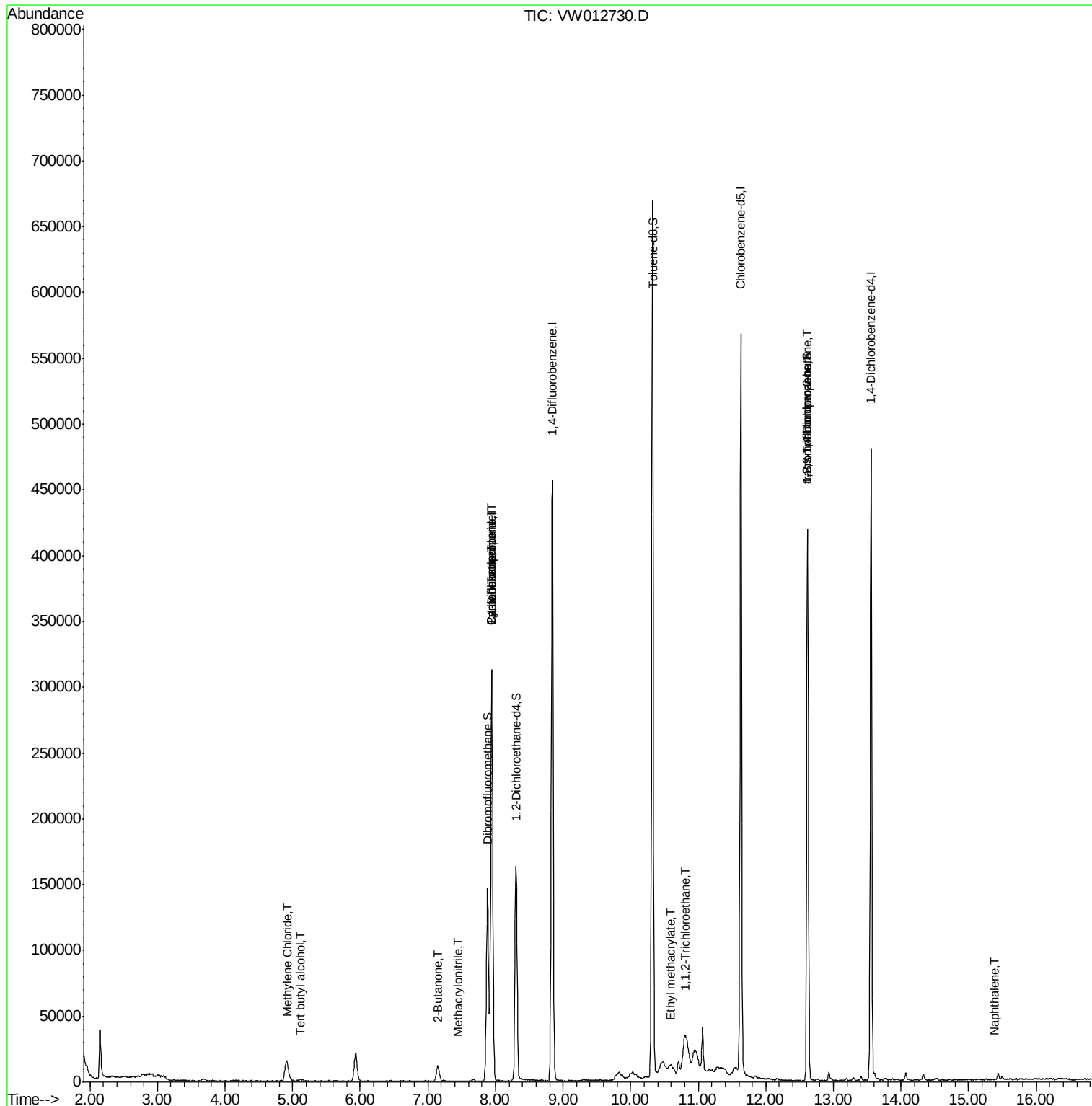
						Qvalue
11) Tert butyl alcohol	5.12	59	1104	5.680	ug/l #	72
20) Methylene Chloride	4.91	84	12329	5.690	ug/l	96
25) 2-Butanone	7.16	43	954	20.542	ug/l	92
31) Cyclohexane	7.94	56	5472	1.465	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18572	5.768	ug/l #	53
38) Carbon Tetrachloride	7.95	117	23382	7.367	ug/l #	16
41) Methacrylonitrile	7.46	41	19	3.851	ug/l #	1
55) 1,1,2-Trichloroethane	10.81	97	3309	1.884	ug/l #	15
56) Ethyl methacrylate	10.60	69	5342	2.078	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	73321	58.457	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73321	123.640	ug/l #	6
95) Naphthalene	15.39	128	97	4.456	ug/l #	69

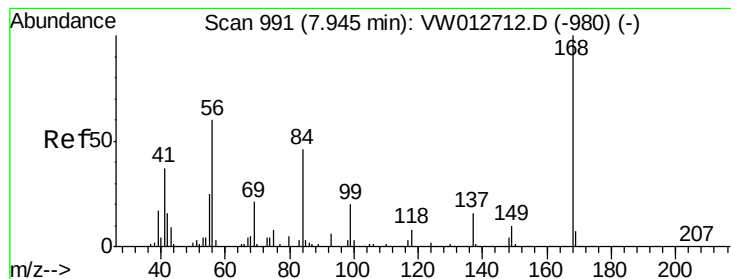
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012730.D

Acq: 07 Sep 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

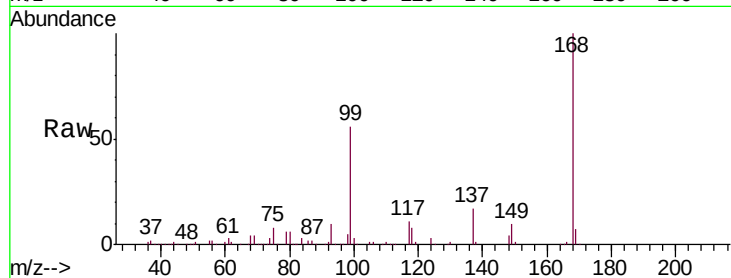
SB-7-(0-2)

Tgt Ion: 168 Resp: 227352

Ion Ratio Lower Upper

168 100

99 56.4 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

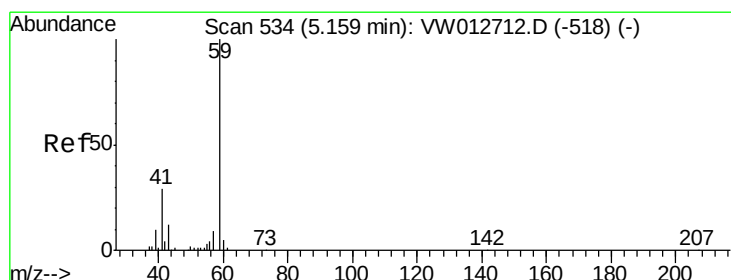
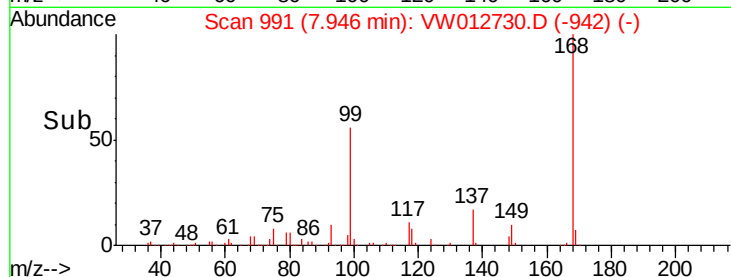
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.680 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW012730.D

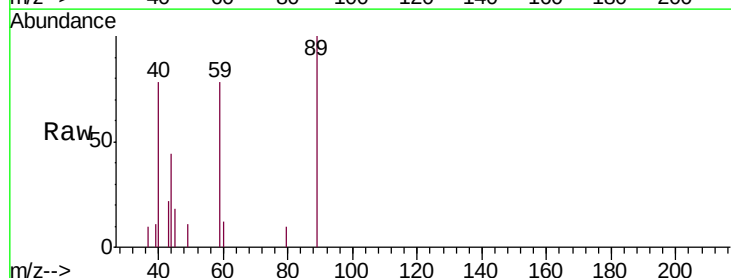
Acq: 07 Sep 2019 19:55

Tgt Ion: 59 Resp: 1104

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

5.12

400

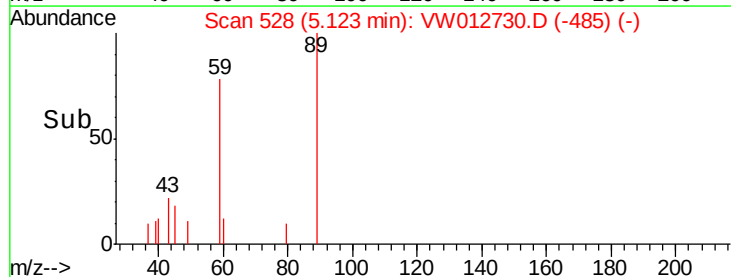
300

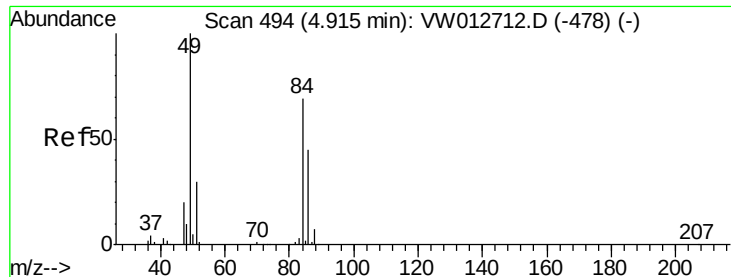
200

100

0

Time-->

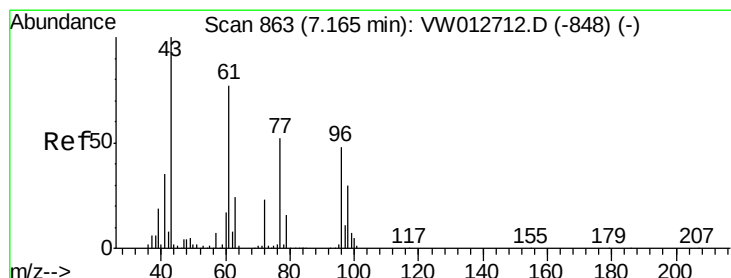
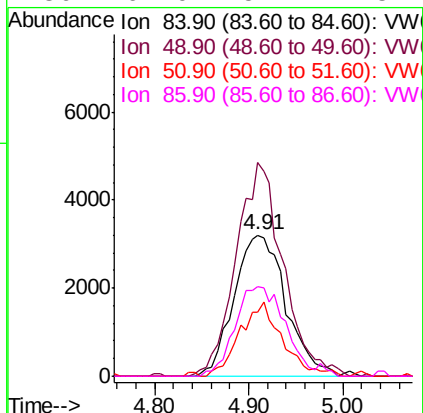
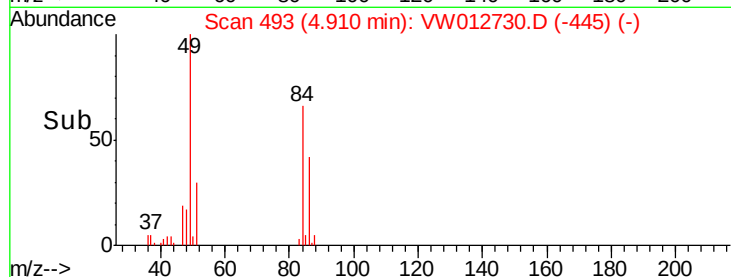
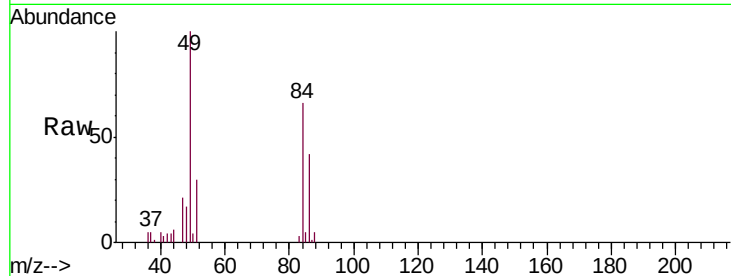




#20
Methylene Chloride
Concen: 5.690 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012730.D
Acq: 07 Sep 2019 19:55

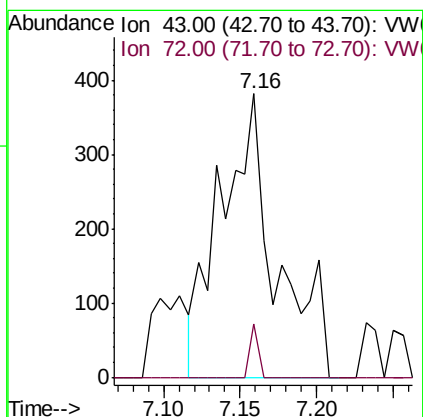
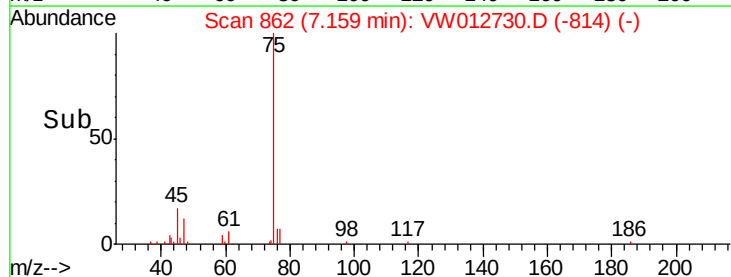
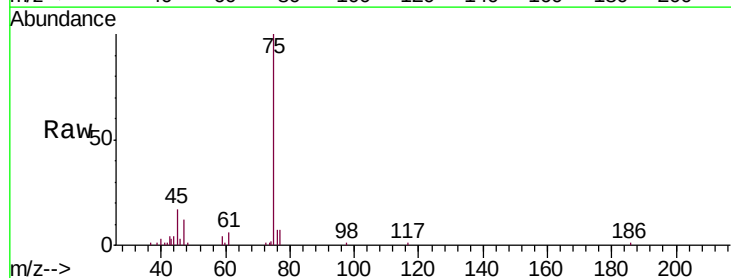
Instrument :
MSVOA_W
ClientSampleId :
SB-7-(0-2)

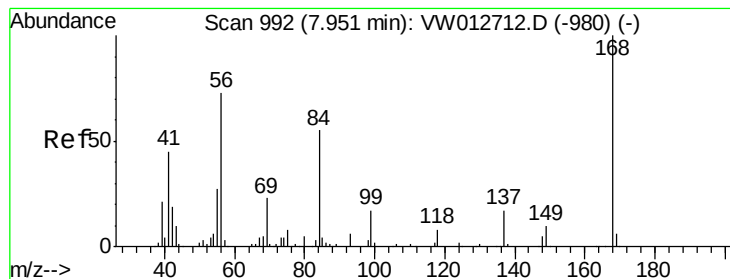
Tgt Ion: 84 Resp: 12329
Ion Ratio Lower Upper
84 100
49 151.6 115.4 173.0
51 43.4 34.9 52.3
86 64.0 52.2 78.4



#25
2-Butanone
Concen: 20.542 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012730.D
Acq: 07 Sep 2019 19:55

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
72 18.6 18.0 27.0





#31

Cyclohexane

Concen: 1.465 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012730.D

Acq: 07 Sep 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(0-2)

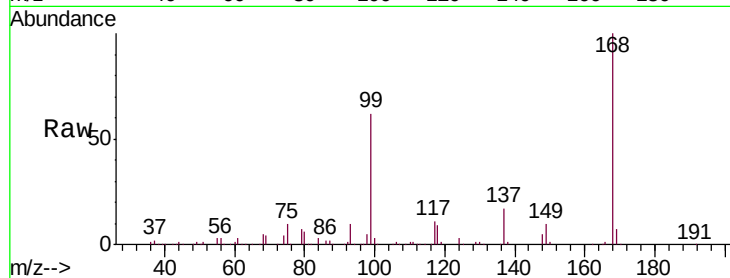
Tgt Ion: 56 Resp: 5472

Ion Ratio Lower Upper

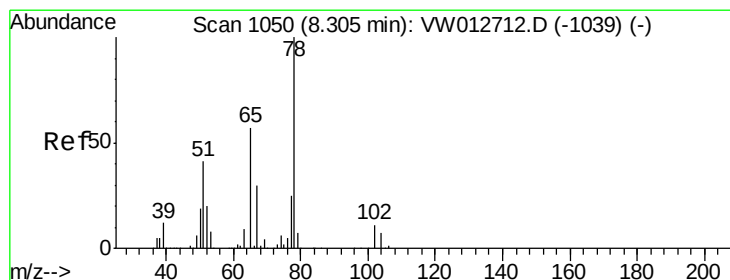
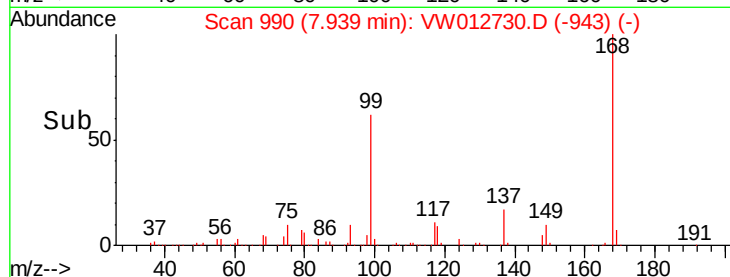
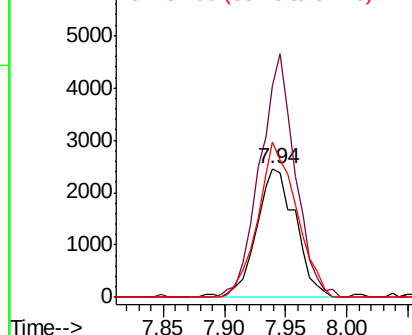
56 100

69 164.4 25.7 38.5#

84 120.0 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: 53.941 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012730.D

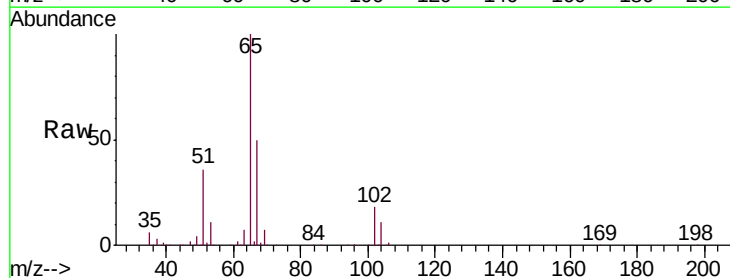
Acq: 07 Sep 2019 19:55

Tgt Ion: 65 Resp: 137026

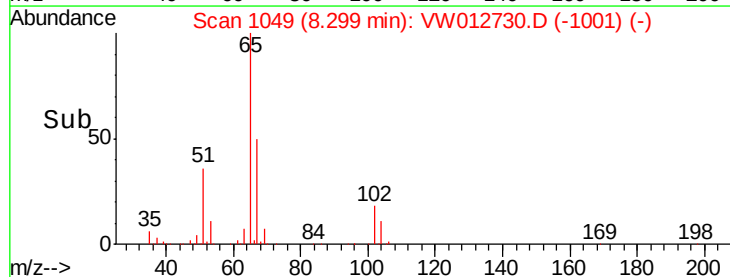
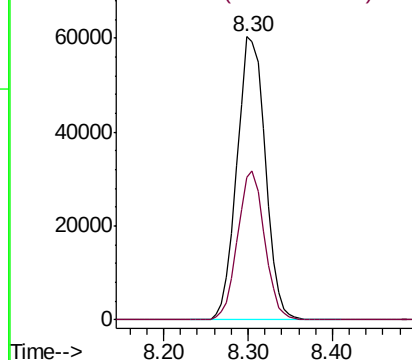
Ion Ratio Lower Upper

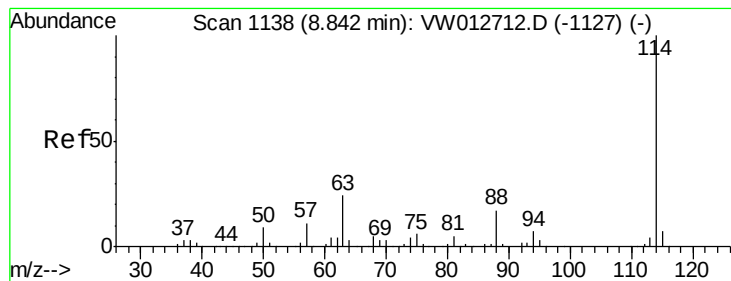
65 100

67 50.1 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: VW012730.D

Acq: 07 Sep 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(0-2)

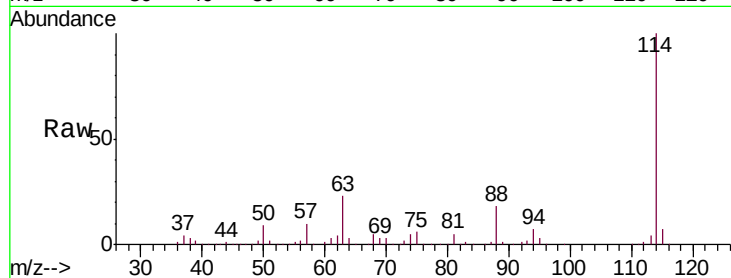
Tgt Ion:114 Resp: 362387

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

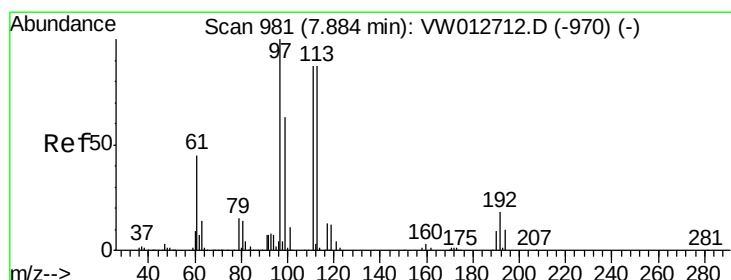
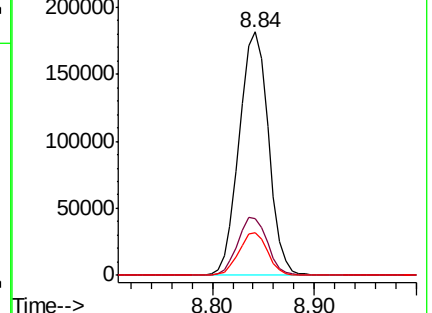
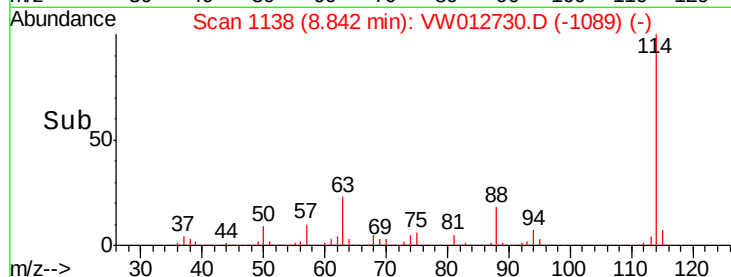
88 17.6 0.0 34.0



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: 48.452 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012730.D

Acq: 07 Sep 2019 19:55

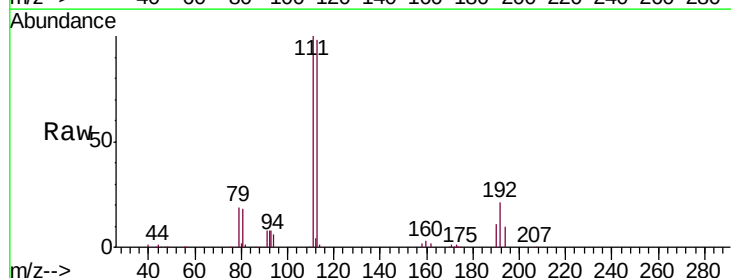
Tgt Ion:113 Resp: 104390

Ion Ratio Lower Upper

113 100

111 102.6 80.2 120.4

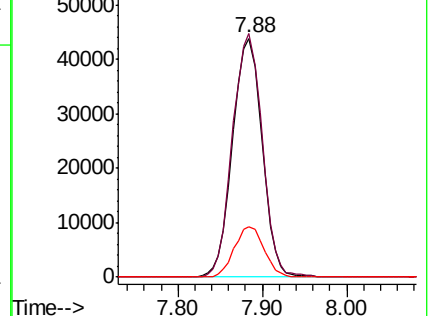
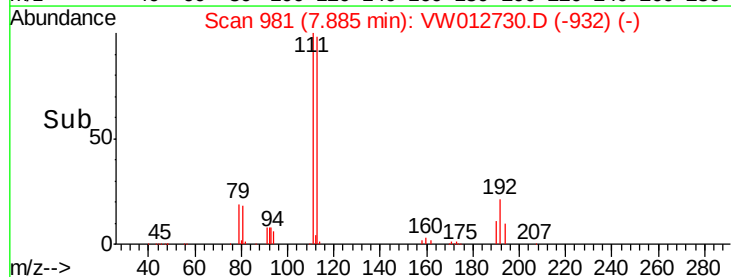
192 21.2 17.3 25.9

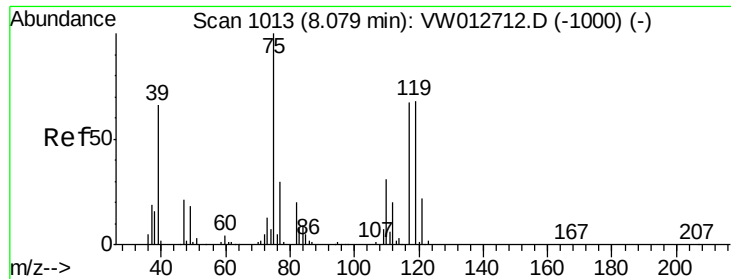


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

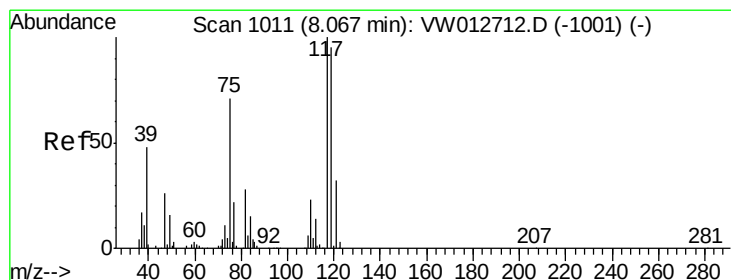
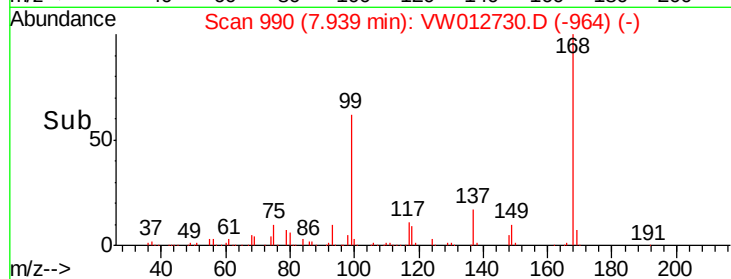
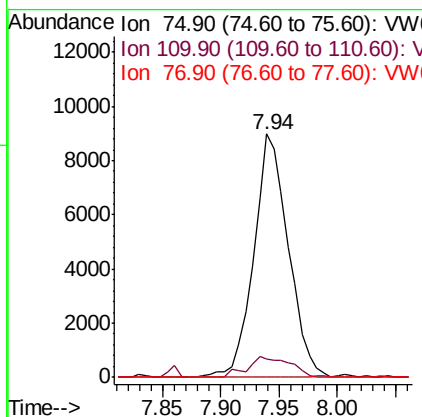
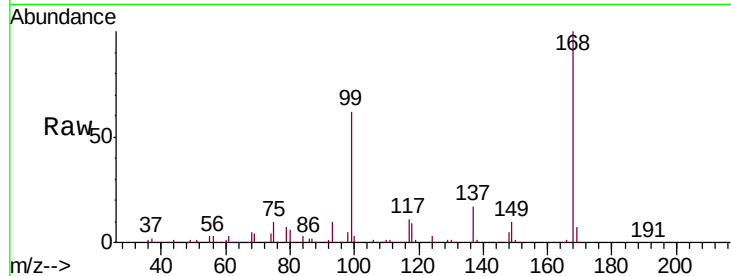




#36
 1,1-Dichloropropene
 Concen: 5.768 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

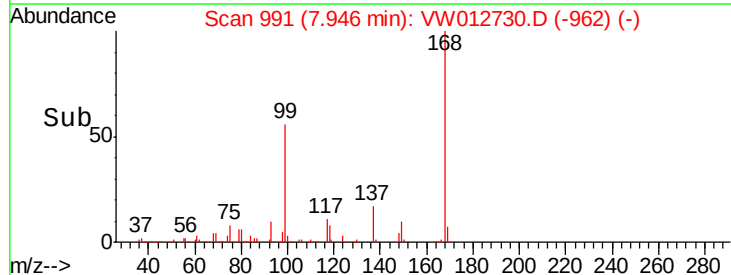
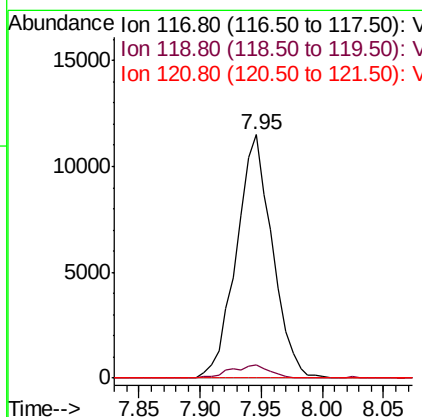
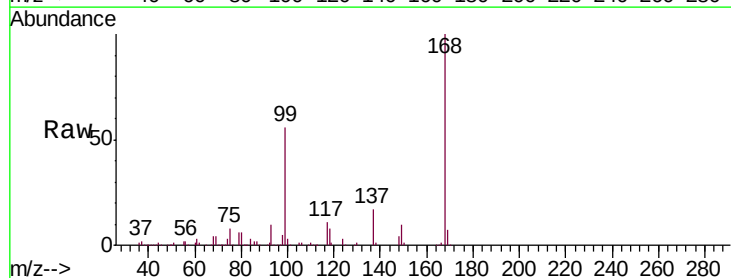
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-(0-2)

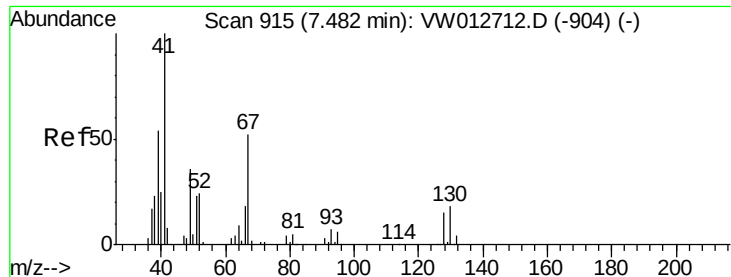
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	15.9	47.7#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.367 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	25.4	38.2#





#41

Methacrylonitrile

Concen: 3.851 ug/l

RT: 7.46 min Scan# 911

Delta R.T. -0.02 min

Lab File: VW012730.D

Acq: 07 Sep 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(0-2)

Tgt Ion: 41 Resp: 19

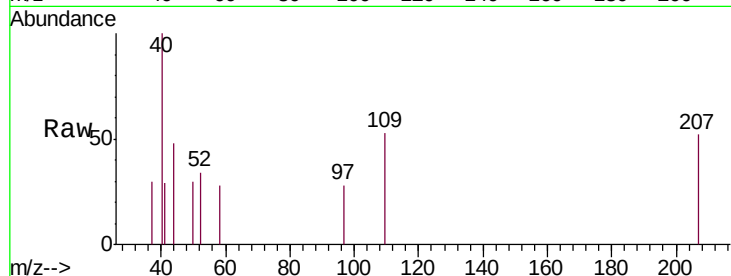
Ion Ratio Lower Upper

41 100

39 268.4 47.5 71.3#

67 0.0 45.1 67.7#

52 310.5 20.2 30.2#

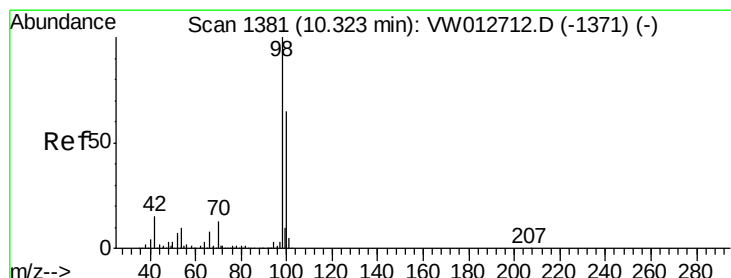
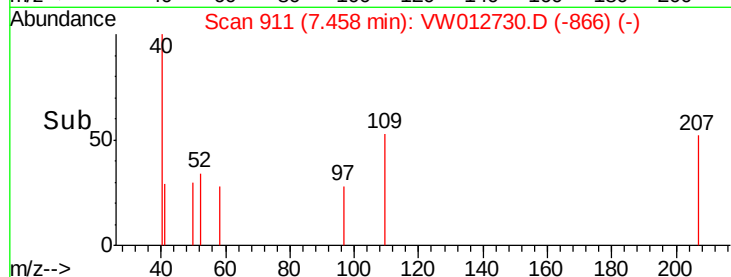
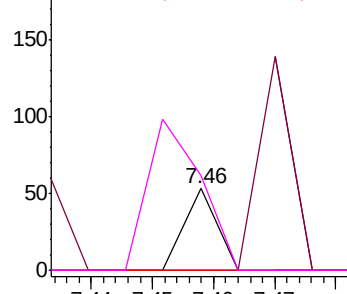


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.701 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012730.D

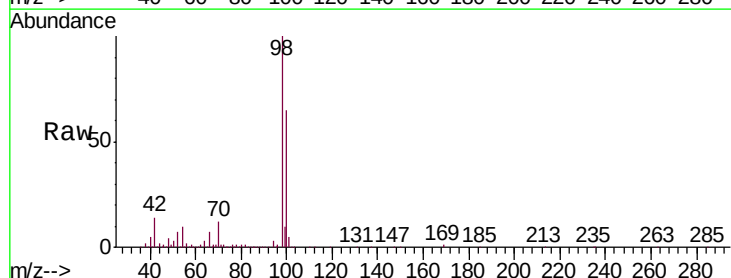
Acq: 07 Sep 2019 19:55

Tgt Ion: 98 Resp: 427954

Ion Ratio Lower Upper

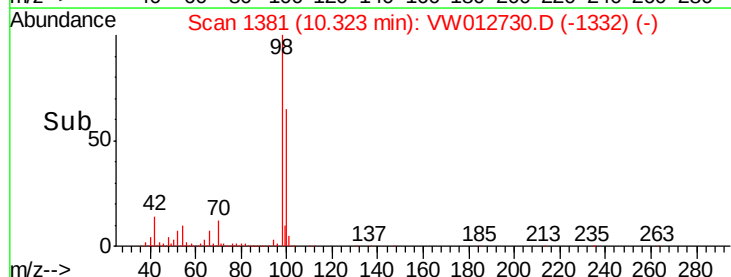
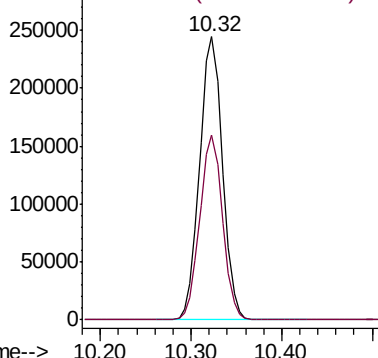
98 100

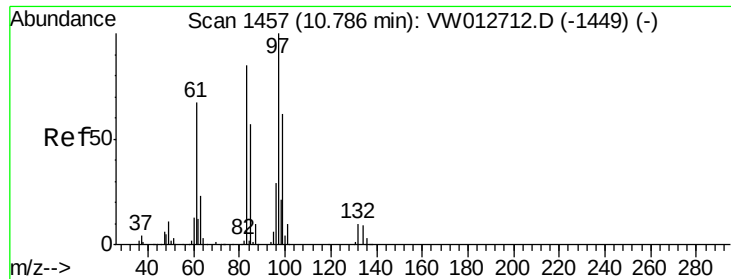
100 64.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

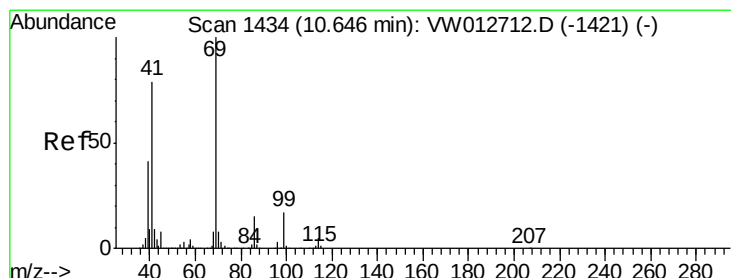
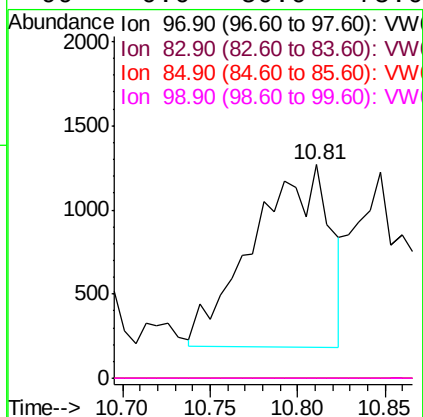
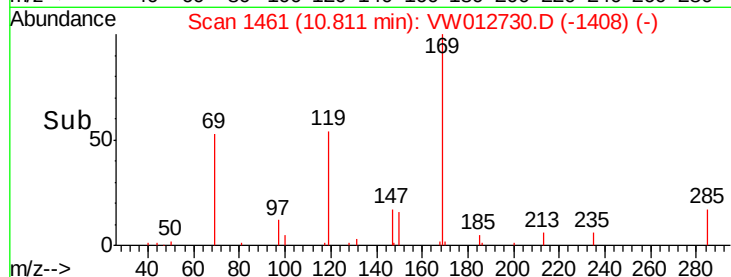
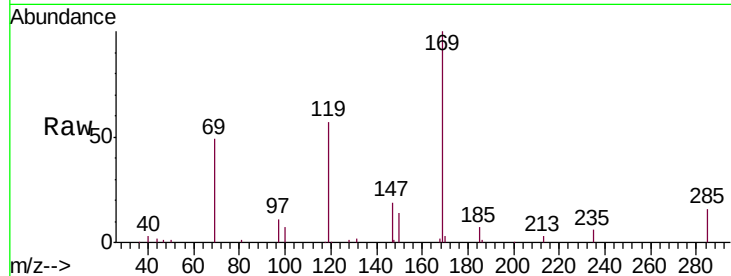




#55
 1,1,2-Trichloroethane
 Concen: 1.884 ug/l
 RT: 10.81 min Scan# 1461
 Delta R.T. 0.02 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

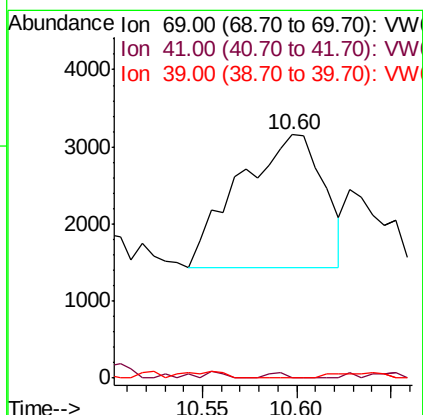
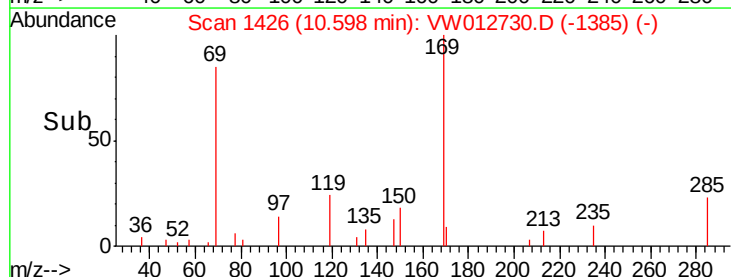
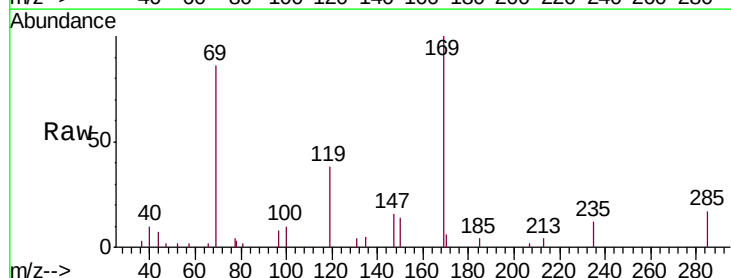
Instrument :
 MSVOA_W
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 SB-7-(0-2)

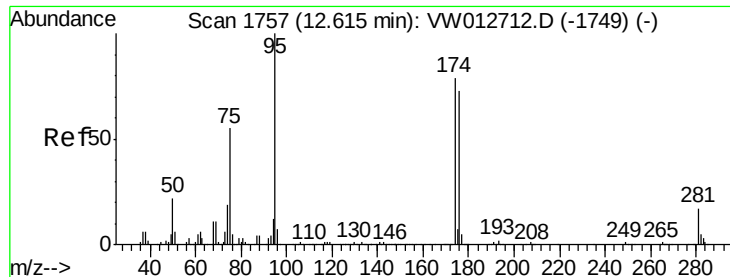
Tgt Ion:	97	Resp:	3309
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	45.3	67.9#
99	0.0	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 2.078 ug/l
 RT: 10.60 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

Tgt Ion:	69	Resp:	5342
Ion	Ratio	Lower	Upper
69	100		
41	0.9	64.4	96.6#
39	0.0	31.1	46.7#

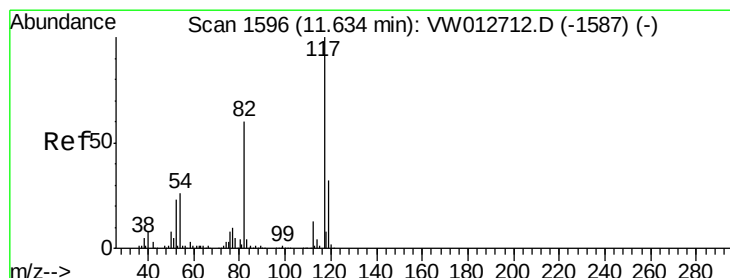
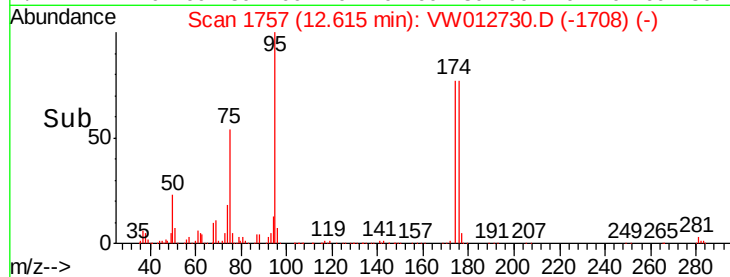
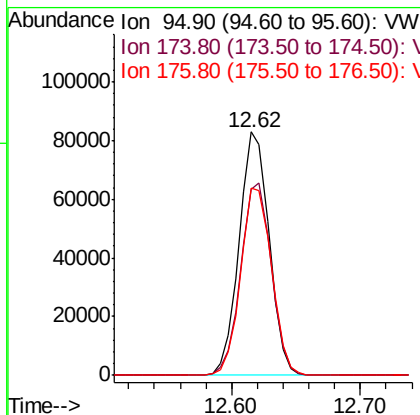
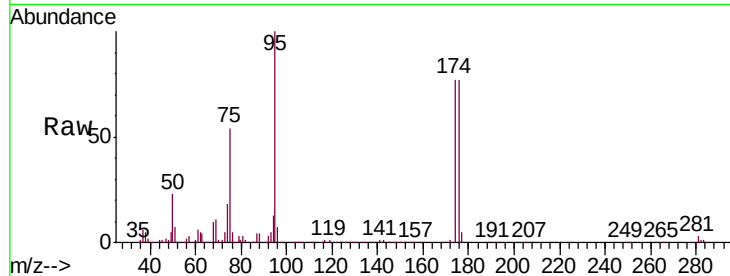




#62
4-Bromofluorobenzene
Concen: 43.708 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012730.D
Acq: 07 Sep 2019 19:55

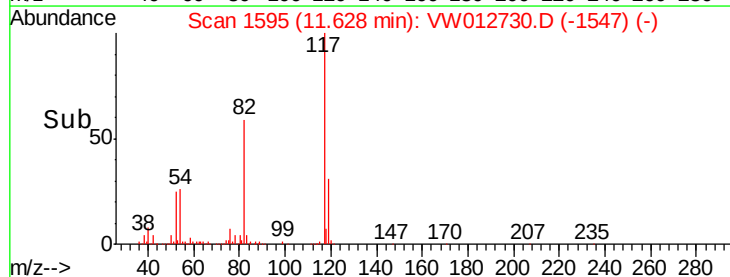
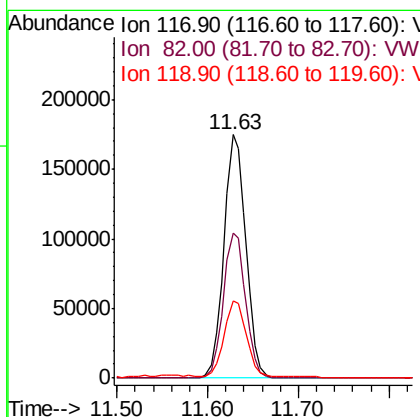
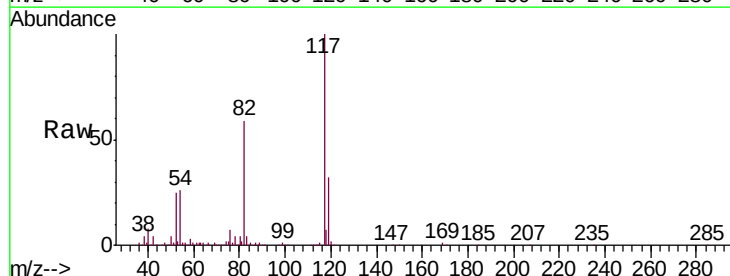
Instrument :
MSVOA_W
ClientSampled :
SB-7-(0-2)

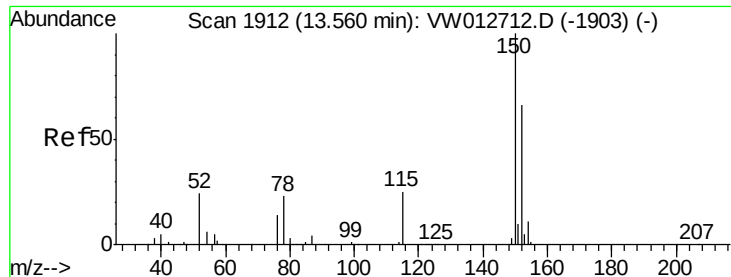
Tgt Ion: 95 Resp: 133933
Ion Ratio Lower Upper
95 100
174 80.2 0.0 161.0
176 79.0 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012730.D
Acq: 07 Sep 2019 19:55

Tgt Ion: 117 Resp: 293060
Ion Ratio Lower Upper
117 100
82 59.4 48.2 72.4
119 31.6 25.8 38.6

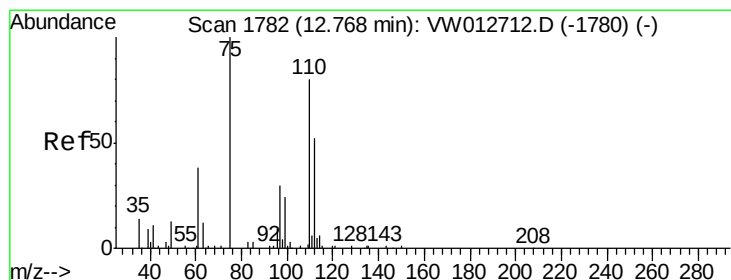
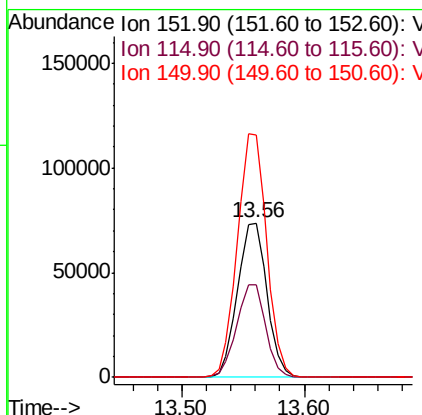
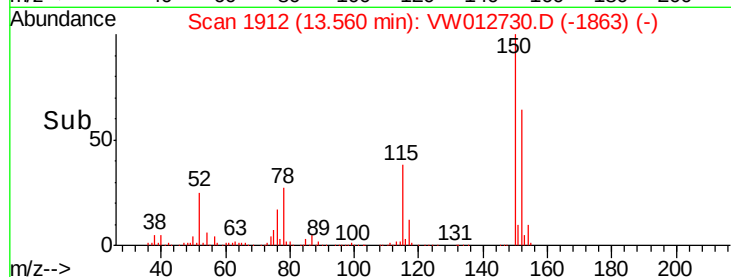
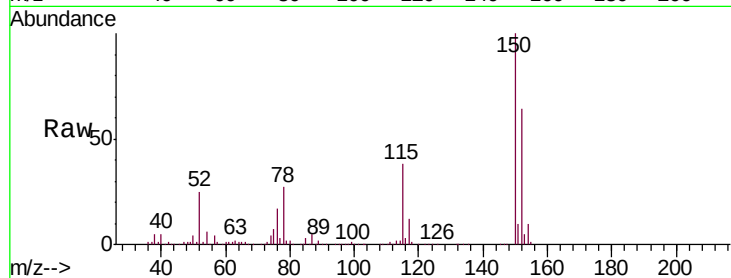




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

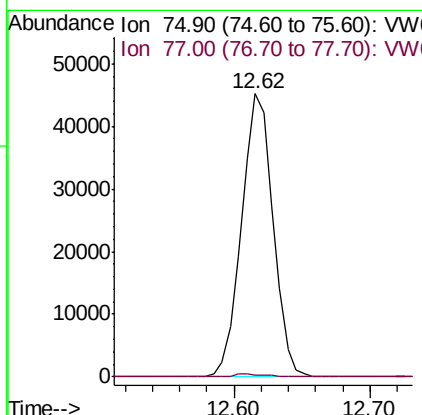
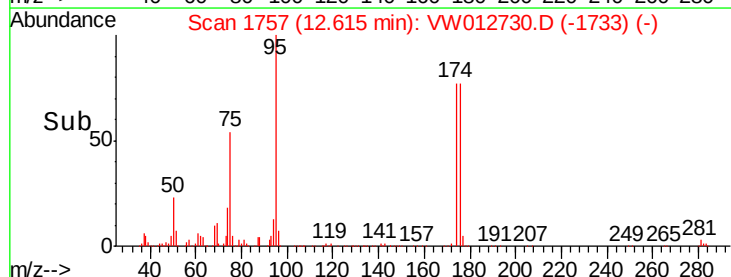
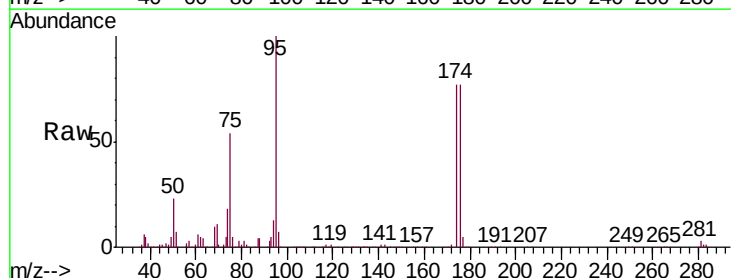
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7-(0-2)

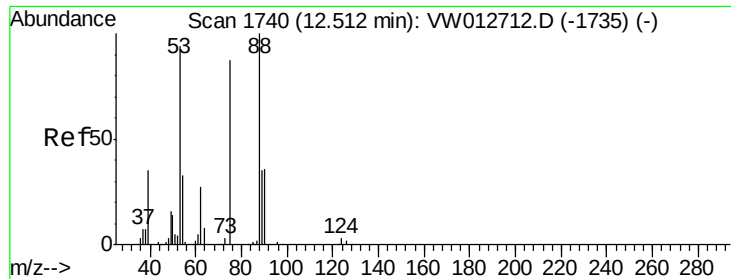
Tgt Ion:152 Resp: 122662
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.0 90.1
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 58.457 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012730.D
 Acq: 07 Sep 2019 19:55

Tgt Ion: 75 Resp: 73321
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 123.640 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012730.D

Acq: 07 Sep 2019 19:55

Instrument :

MSVOA_W

ClientSampleId :

SB-7-(0-2)

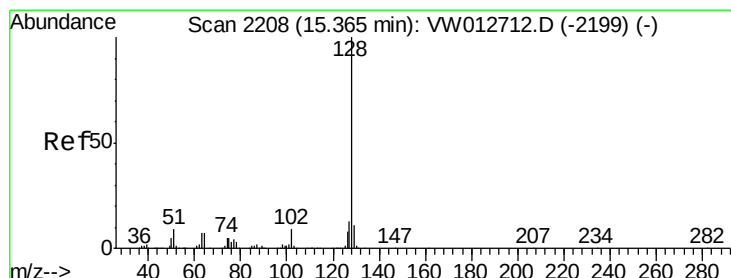
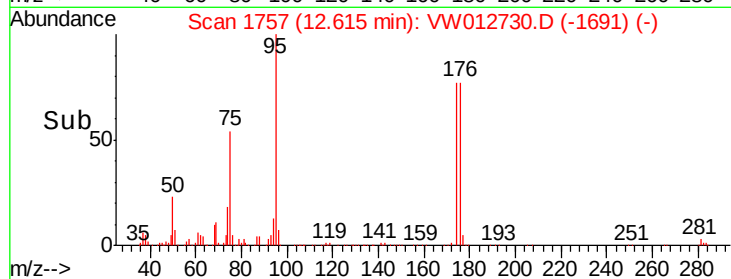
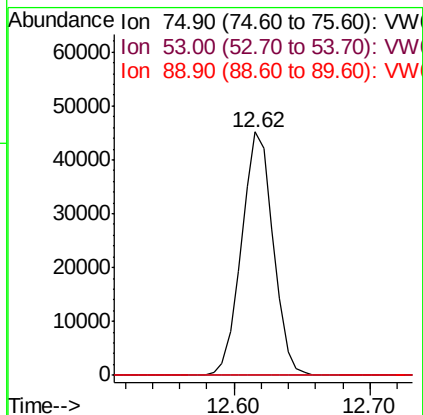
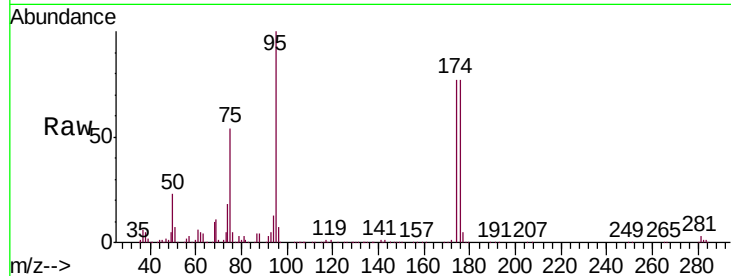
Tgt Ion: 75 Resp: 73321

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 35.5 53.3#



#95

Naphthalene

Concen: 4.456 ug/l

RT: 15.39 min Scan# 2212

Delta R.T. 0.03 min

Lab File: VW012730.D

Acq: 07 Sep 2019 19:55

Tgt Ion: 128 Resp: 97

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#

