

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011407.D
 Acq On : 20 Jul 2019 06:37
 Operator : SY/VA
 Sample : K3835-32
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(13-15)

Quant Time: Jul 22 01:00:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158929	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	180154	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	140939	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	10.32	98	572982	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.62	95	185874	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	

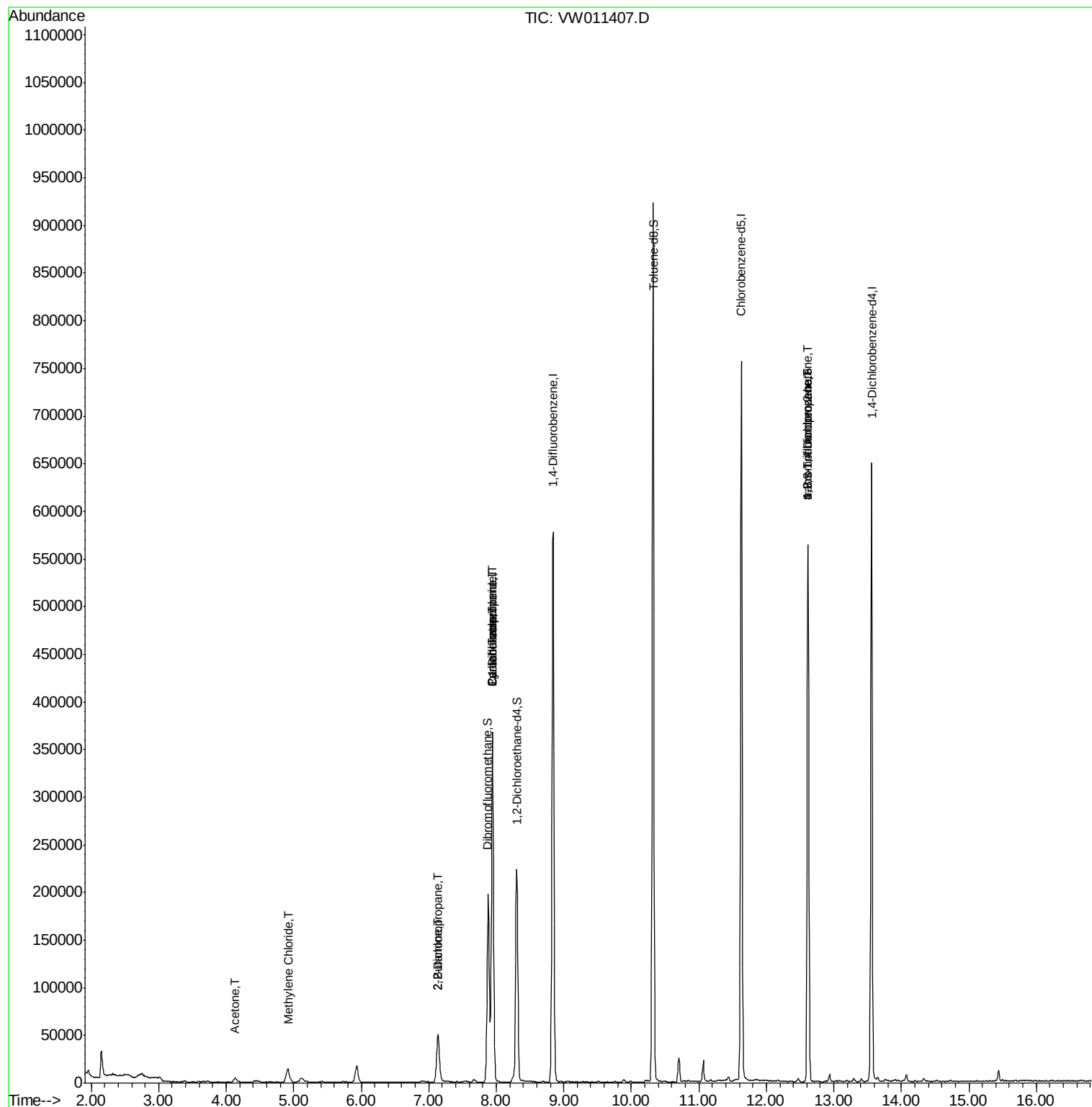
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	8477	10.503	ug/l	97
18) Methyl Acetate	4.63	43	66	Below Cal	#	57
20) Methylene Chloride	4.92	84	9744	3.060	ug/l	94
25) 2-Butanone	7.14	43	3652	2.882	ug/l	94
26) 2,2-Dichloropropane	7.13	77	3444	1.085	ug/l #	53
31) Cyclohexane	7.95	56	6622	1.019	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23761	4.930	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26159	6.403	ug/l #	16
76) 1,2,3-Trichloropropane	12.61	75	98589	53.679	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	98589	121.413	ug/l #	6

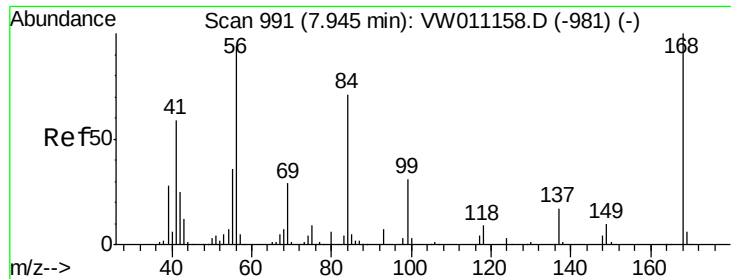
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
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QLast Update : Thu Jul 11 08:14:17 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: VW011407.D

Acq: 20 Jul 2019 06:37

Instrument :

MSVOA_W

ClientSampleId :

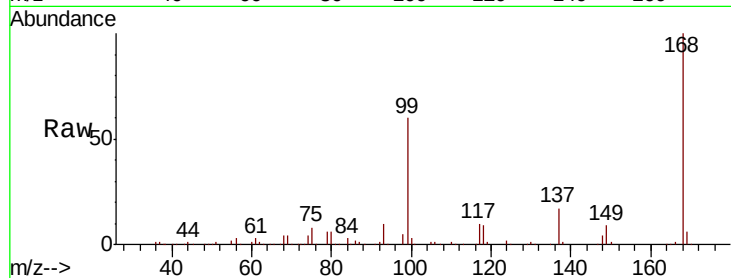
SB-7(13-15)

Tot Ion:168 Resp: 266965

Ion Ratio Lower Upper

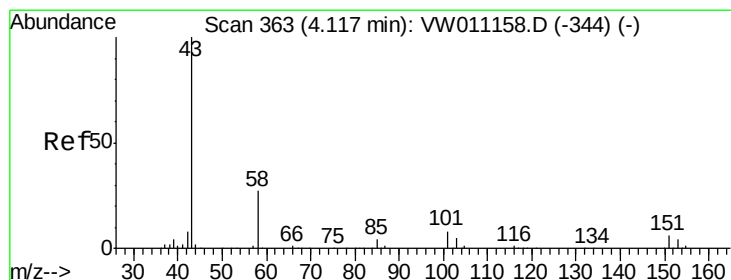
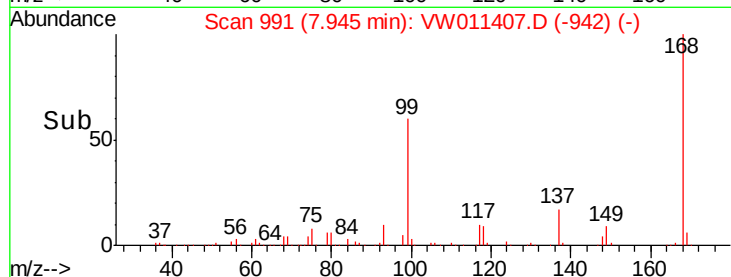
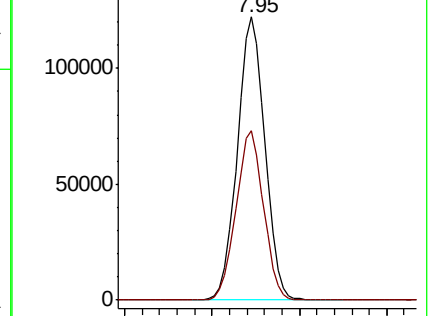
168 100

99 59.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.503 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011407.D

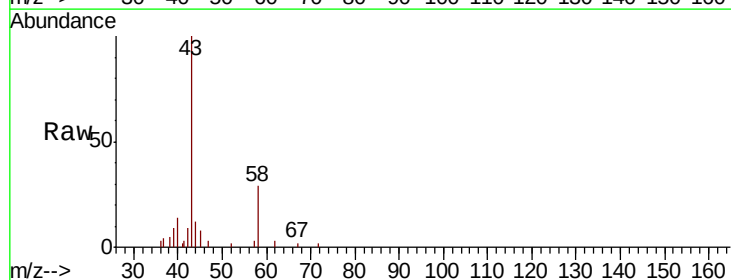
Acq: 20 Jul 2019 06:37

Tgt Ion: 43 Resp: 8477

Ion Ratio Lower Upper

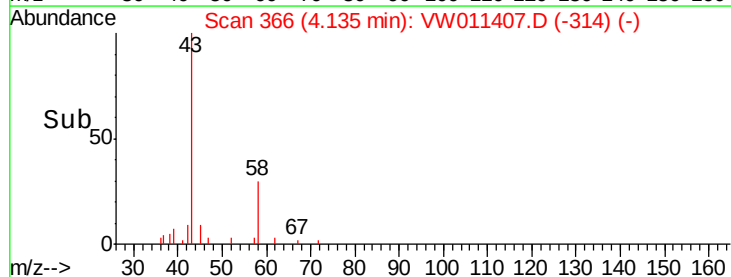
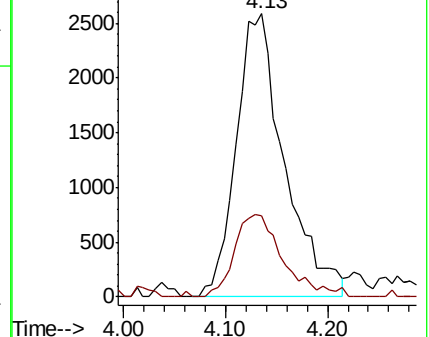
43 100

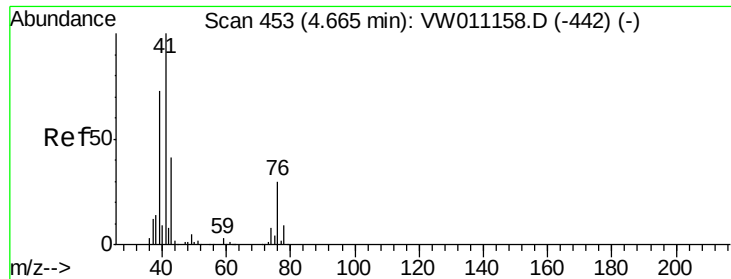
58 28.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

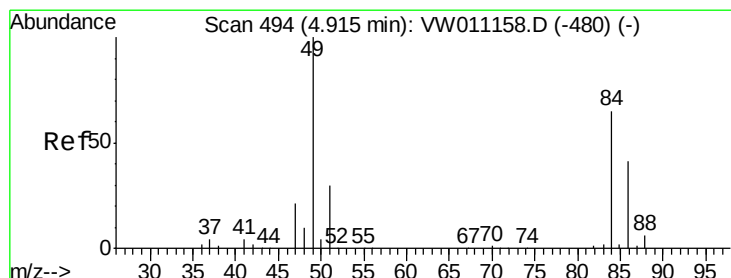
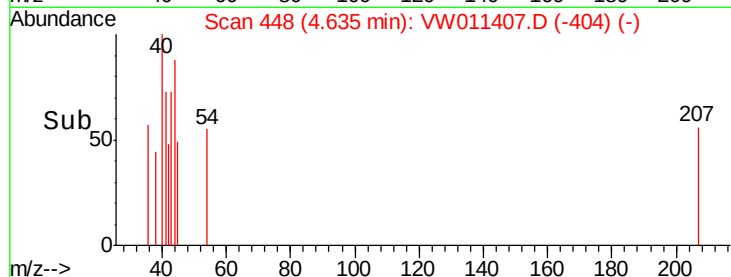
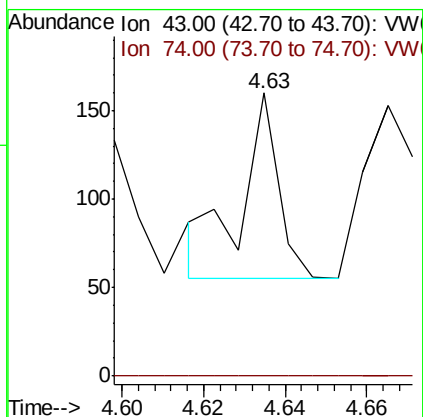
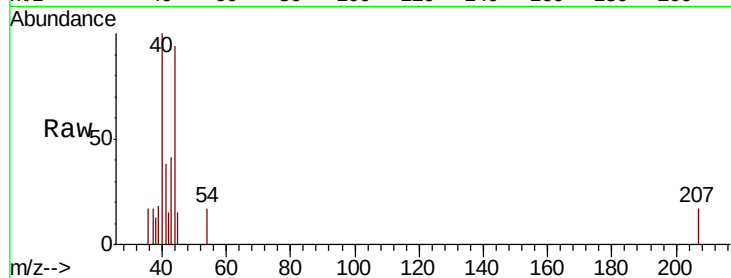




#18
Methyl Acetate
Concen: Below Cal
RT: 4.63 min Scan# 448
Delta R.T. -0.03 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

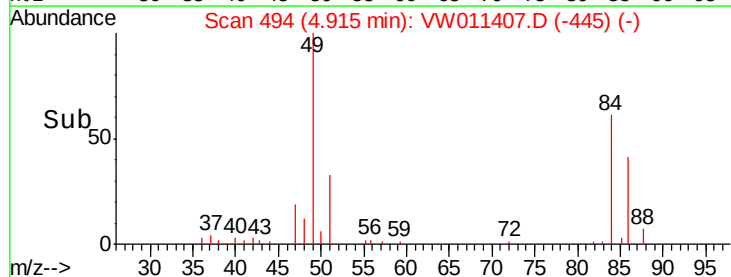
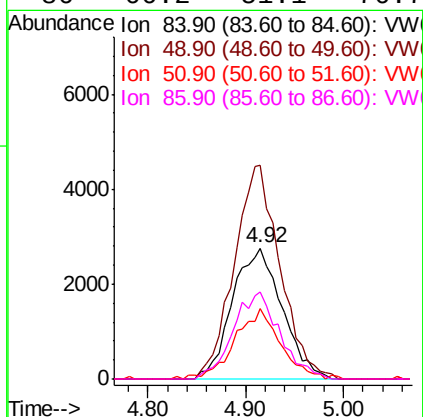
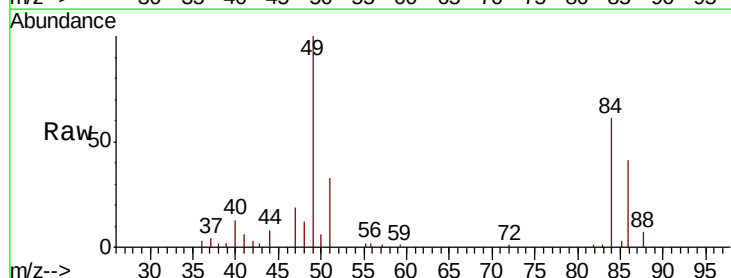
Instrument :
MSVOA_W
ClientSampleId :
SB-7(13-15)

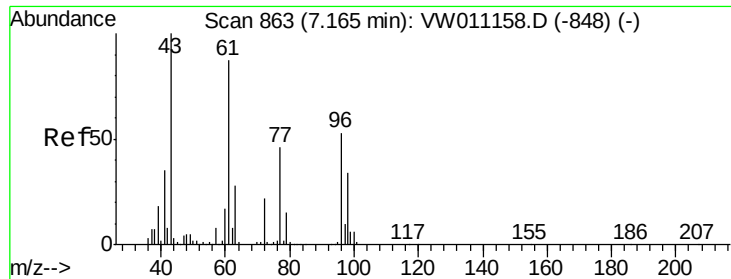
Tot Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 3.060 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

Tgt Ion: 84 Resp: 9744
Ion Ratio Lower Upper
84 100
49 162.9 123.8 185.6
51 51.9 37.4 56.2
86 66.2 51.1 76.7





#25

2-Butanone

Concen: 2.882 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011407.D

Acq: 20 Jul 2019 06:37

Instrument :

MSVOA_W

ClientSampleId :

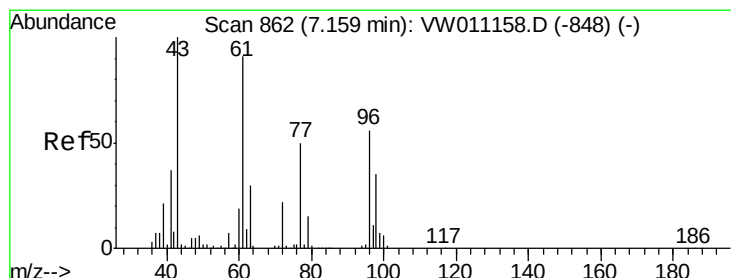
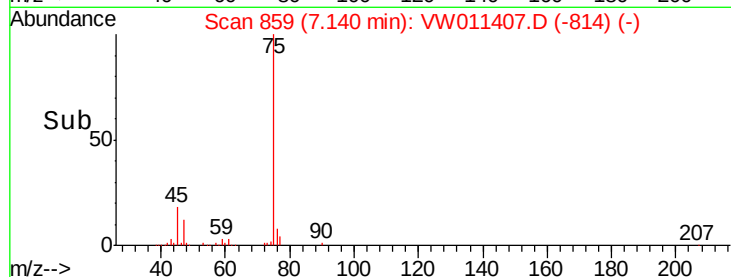
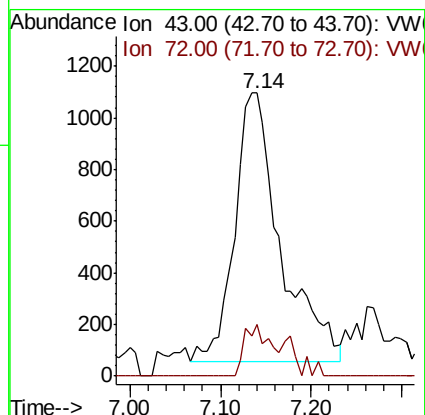
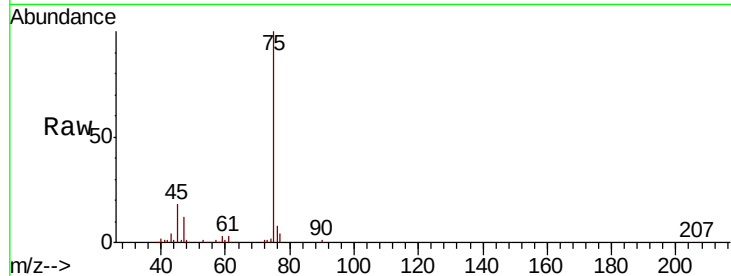
SB-7(13-15)

Tot Ion: 43 Resp: 3652

Ion Ratio Lower Upper

43 100

72 19.0 17.6 26.4



#26

2,2-Dichloropropane

Concen: 1.085 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: VW011407.D

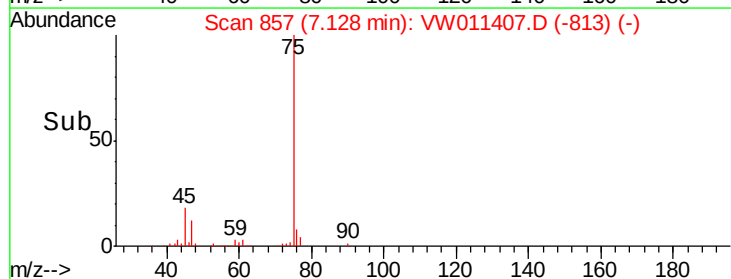
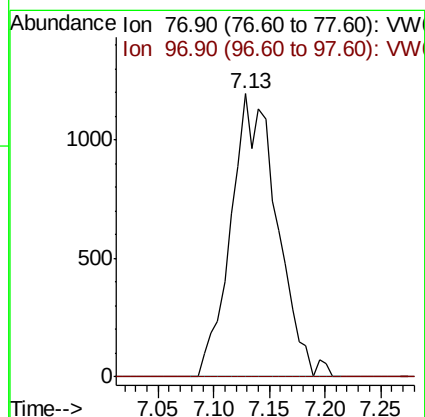
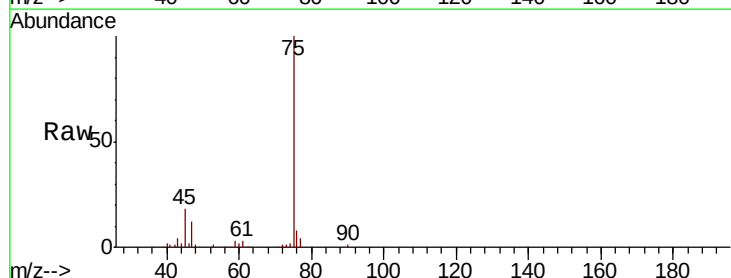
Acq: 20 Jul 2019 06:37

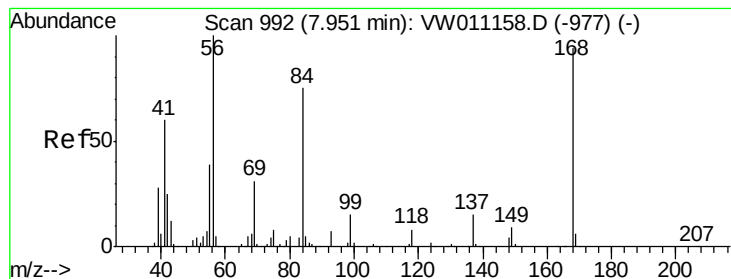
Tgt Ion: 77 Resp: 3444

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#31

Cyclohexane

Concen: 1.019 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011407.D

Acq: 20 Jul 2019 06:37

Instrument :

MSVOA_W

ClientSampleId :

SB-7(13-15)

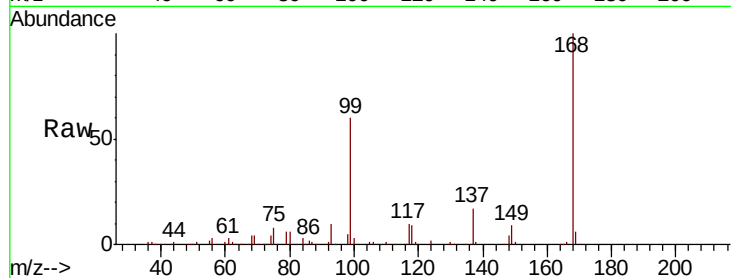
Tot Ion: 56 Resp: 6622

Ion Ratio Lower Upper

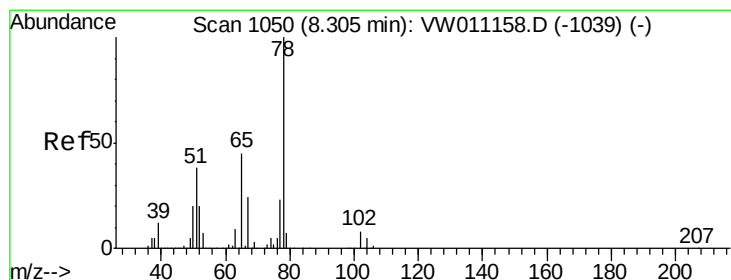
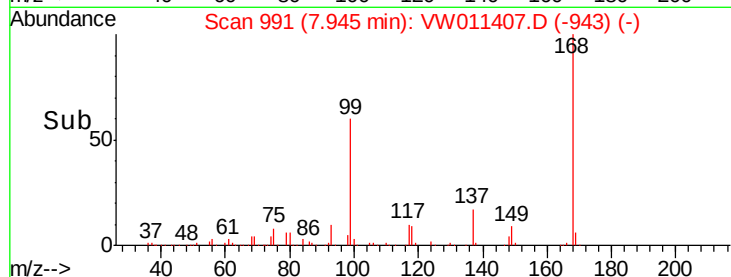
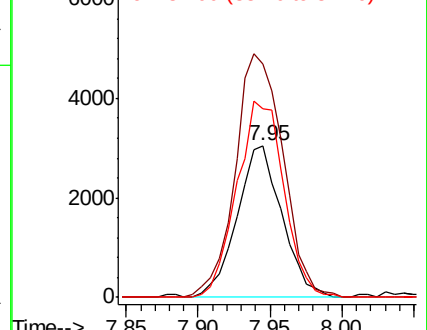
56 100

69 153.3 24.6 36.8#

84 128.4 60.1 90.1#



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: 53.705 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011407.D

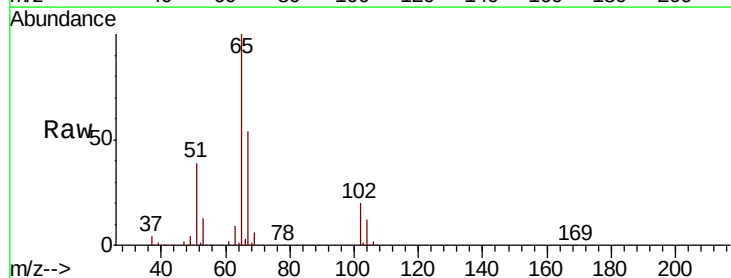
Acq: 20 Jul 2019 06:37

Tgt Ion: 65 Resp: 180154

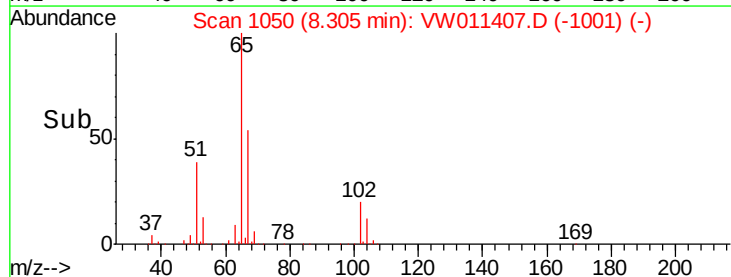
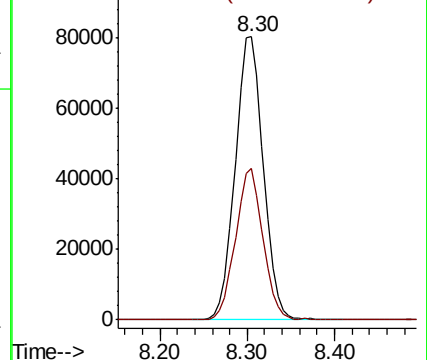
Ion Ratio Lower Upper

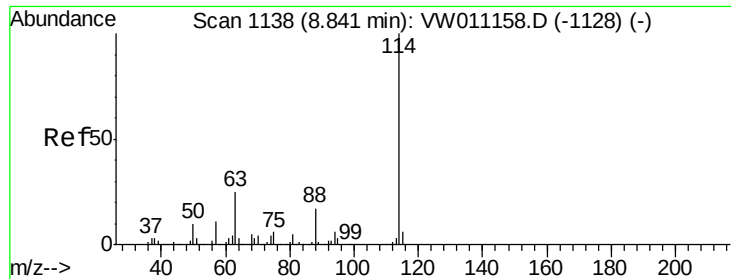
65 100

67 51.9 0.0 104.4



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

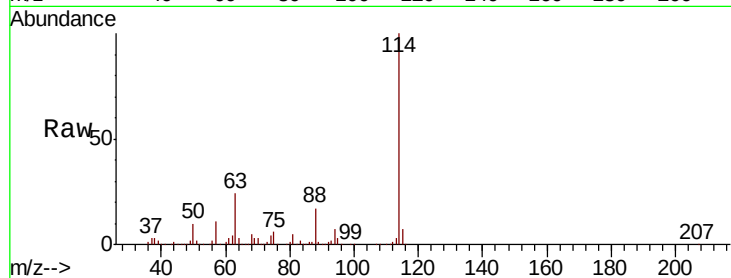




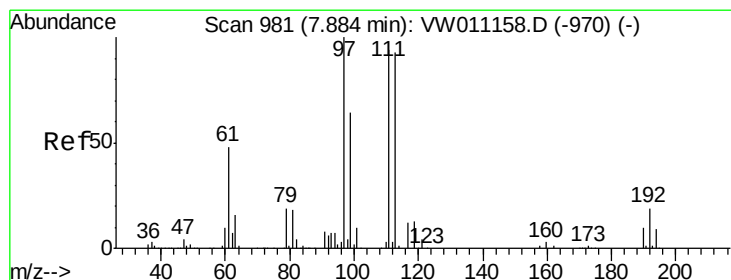
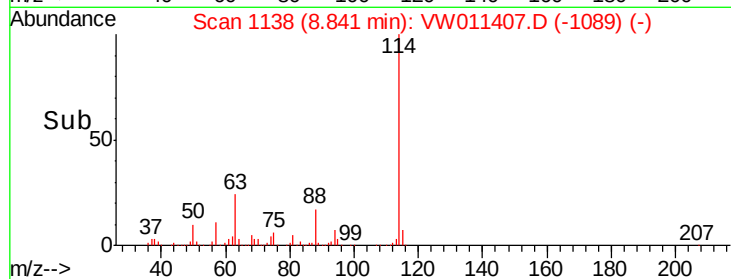
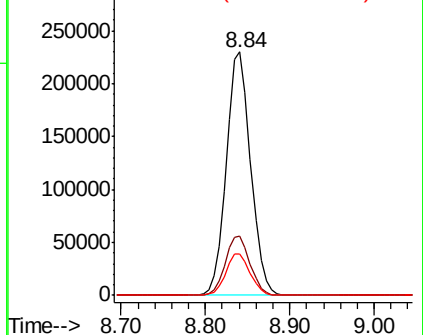
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011407.D
 Acq: 20 Jul 2019 06:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(13-15)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	50.8
88	17.0	0.0	34.2

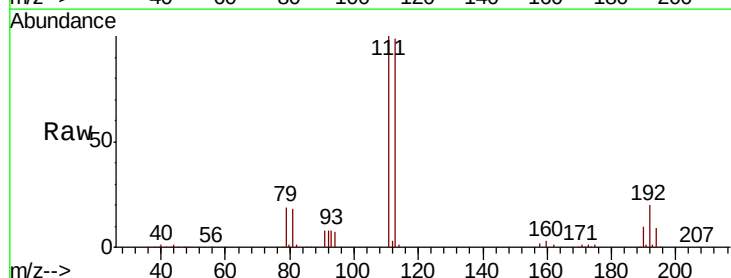


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

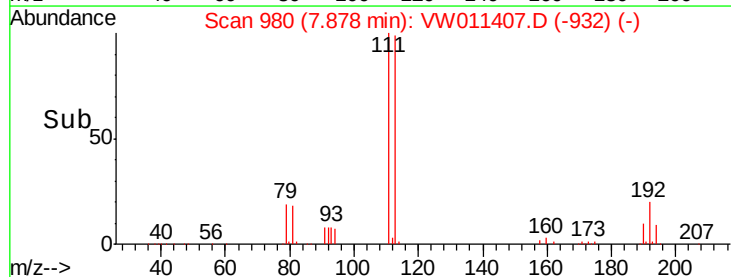
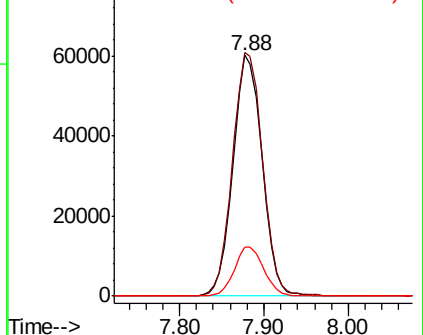


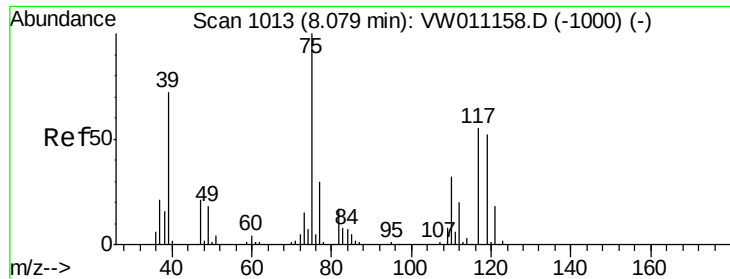
#35
 Dibromofluoromethane
 Concen: 52.249 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011407.D
 Acq: 20 Jul 2019 06:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	20.5	15.8	23.8



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

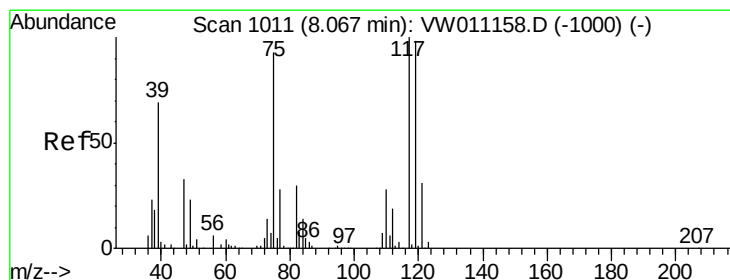
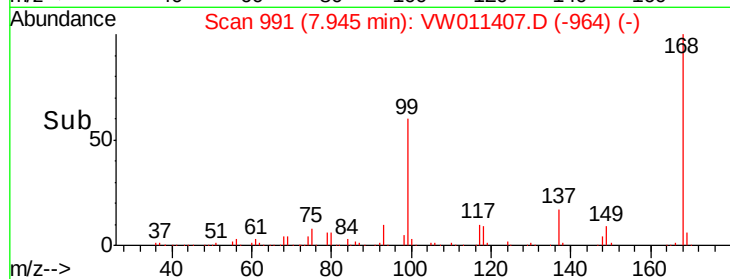
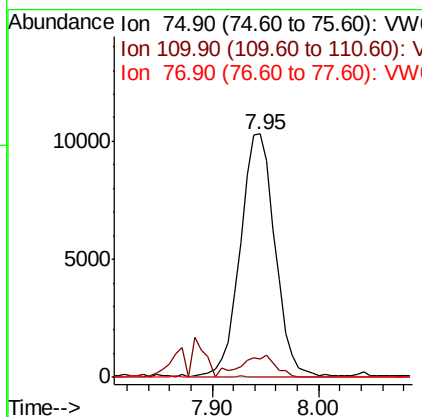
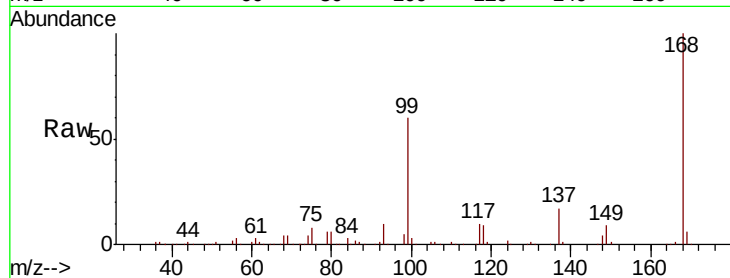




#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011407.D
 Acq: 20 Jul 2019 06:37

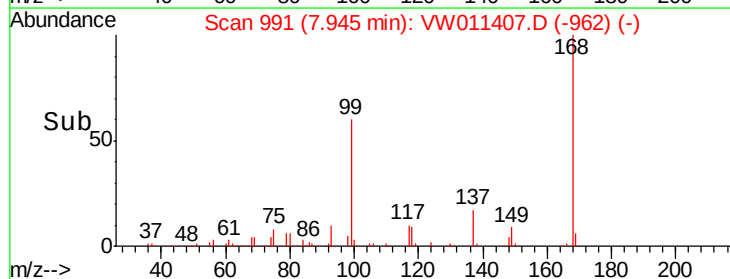
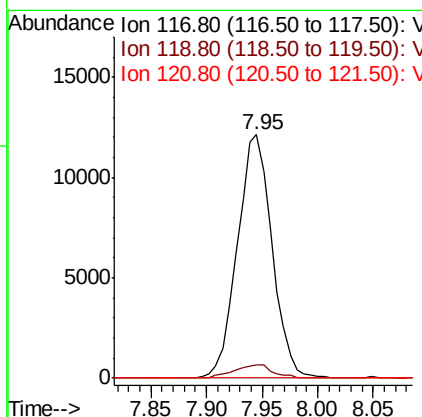
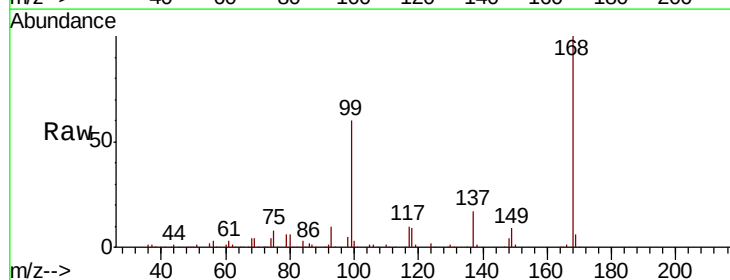
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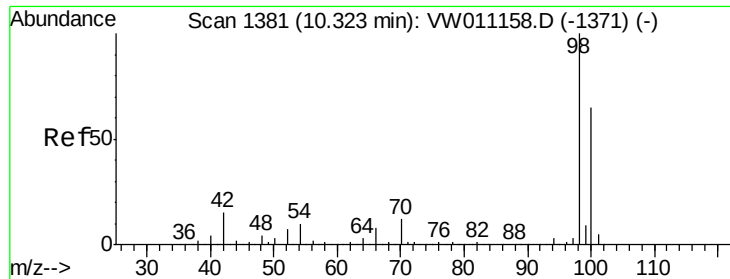
Tot Ion	75	Resp	23761
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.403 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011407.D
 Acq: 20 Jul 2019 06:37

Tgt Ion	117	Resp	26159
Ion Ratio	100	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	25.1	37.7#

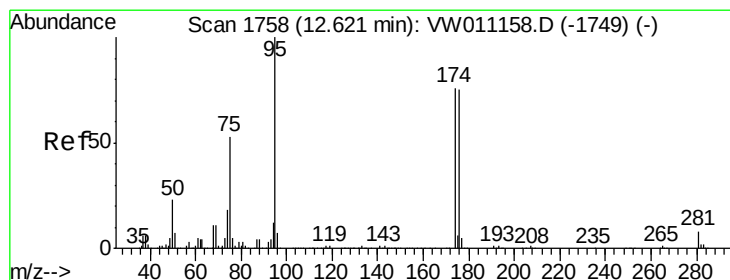
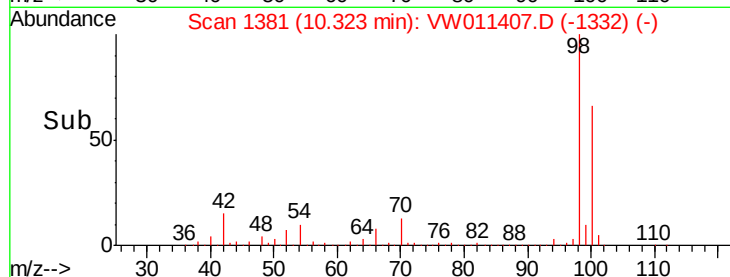
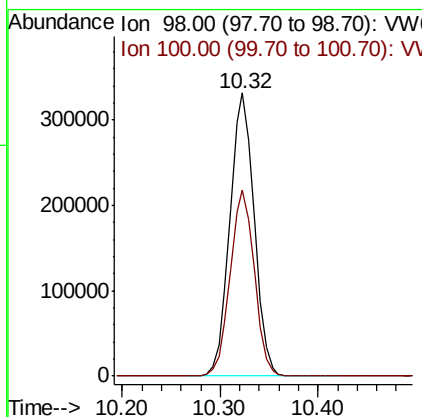
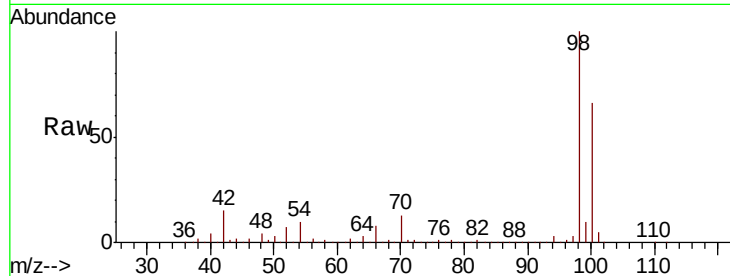




#50
Toluene-d8
Concen: 52.550 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

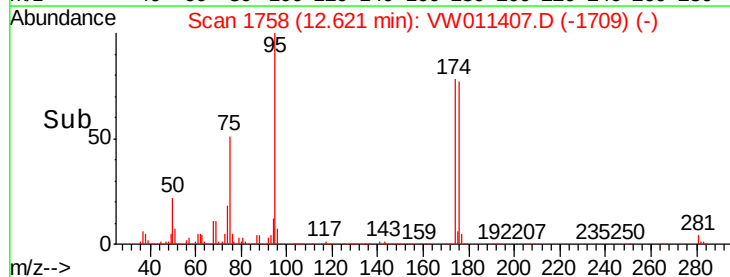
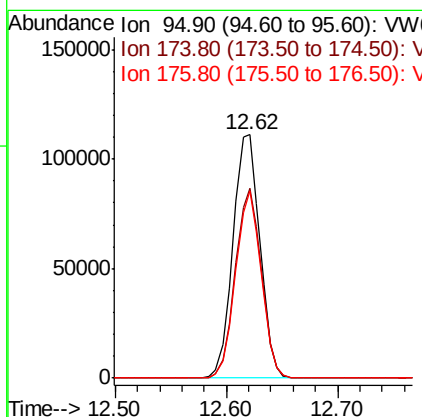
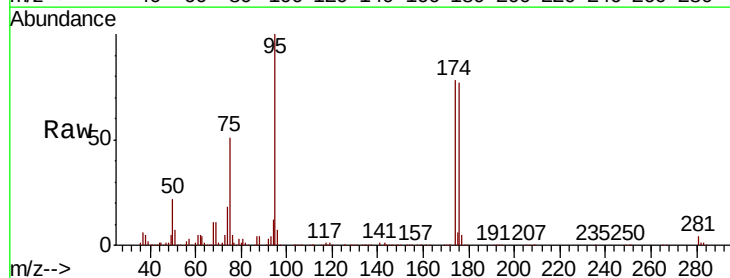
Instrument :
MSVOA_W
ClientSampleId :
SB-7(13-15)

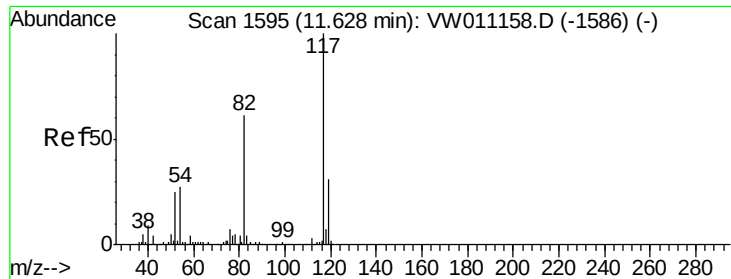
Tot Ion: 98 Resp: 572982
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.509 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

Tgt Ion: 95 Resp: 185874
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 73.2 0.0 144.6

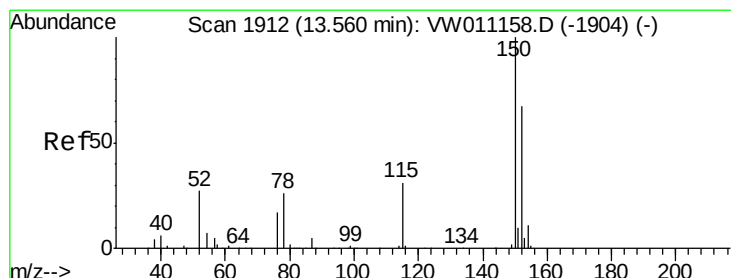
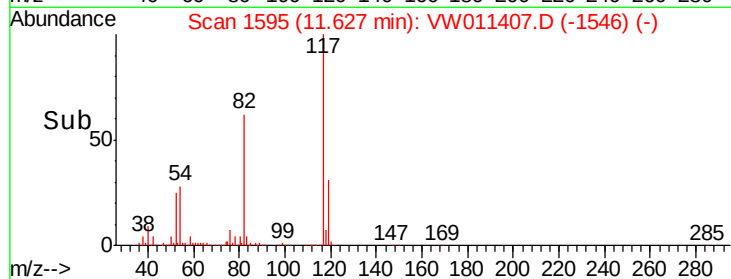
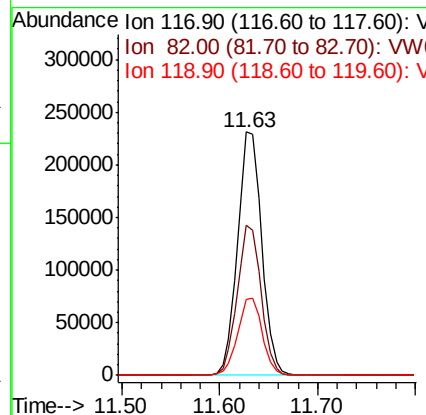
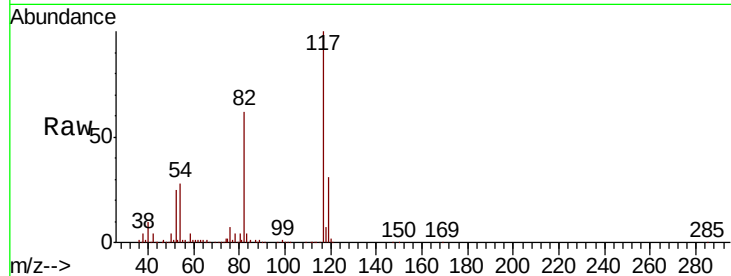




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

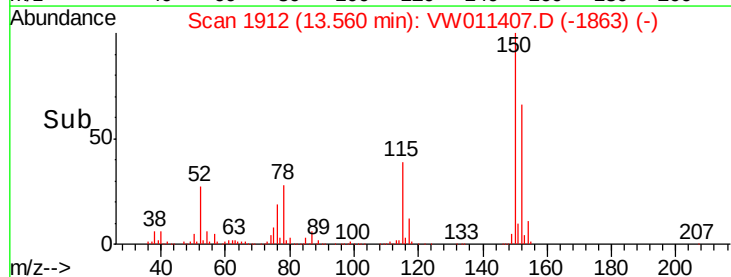
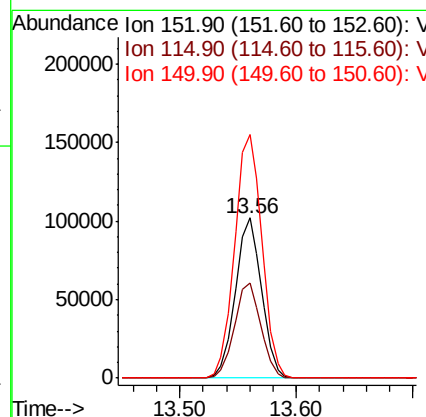
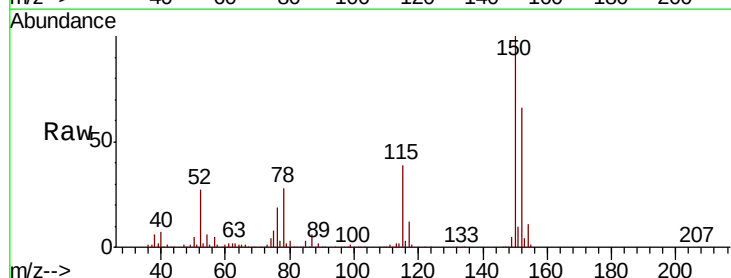
Instrument :
MSVOA_W
ClientSampleId :
SB-7(13-15)

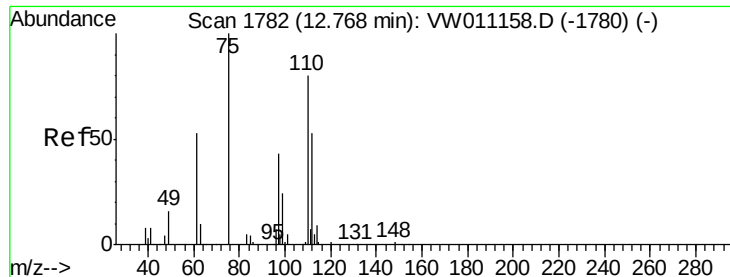
Tot Ion:117 Resp: 396497
Ion Ratio Lower Upper
117 100
82 61.9 48.9 73.3
119 31.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011407.D
Acq: 20 Jul 2019 06:37

Tgt Ion:152 Resp: 158929
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 159.0 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 53.679 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011407.D

Acq: 20 Jul 2019 06:37

Instrument :

MSVOA_W

ClientSampled :

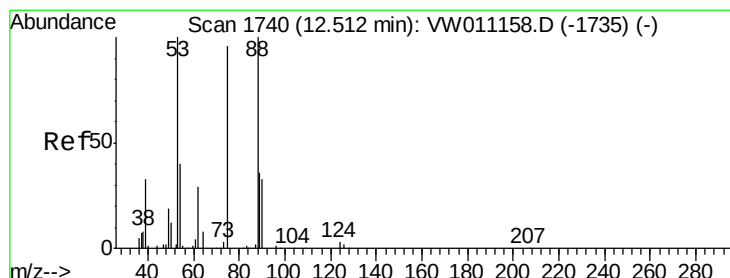
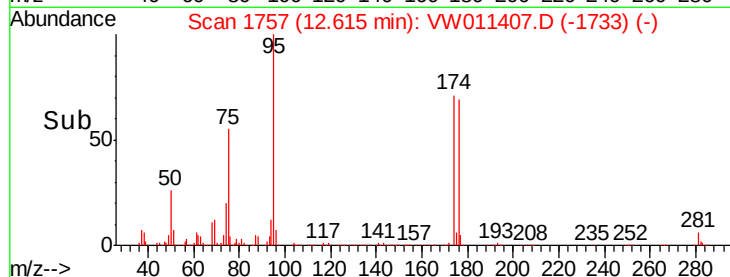
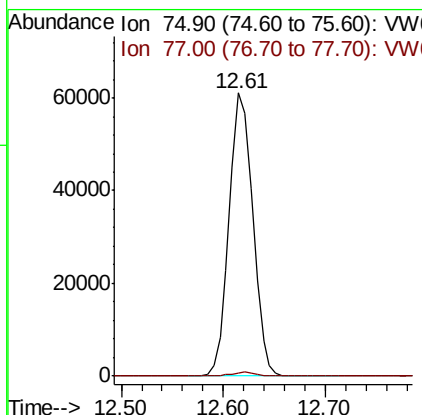
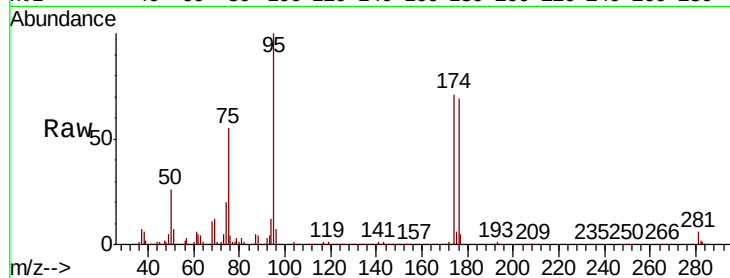
SB-7(13-15)

Tot Ion: 75 Resp: 98589

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.413 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011407.D

Acq: 20 Jul 2019 06:37

Tgt Ion: 75 Resp: 98589

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

