

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011685.D
 Acq On : 04 Aug 2019 01:39
 Operator : SY/VA
 Sample : K4135-13
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B2-(0-1)

Quant Time: Aug 05 01:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	133916	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	105971	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.32	98	393414	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.62	95	127513	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

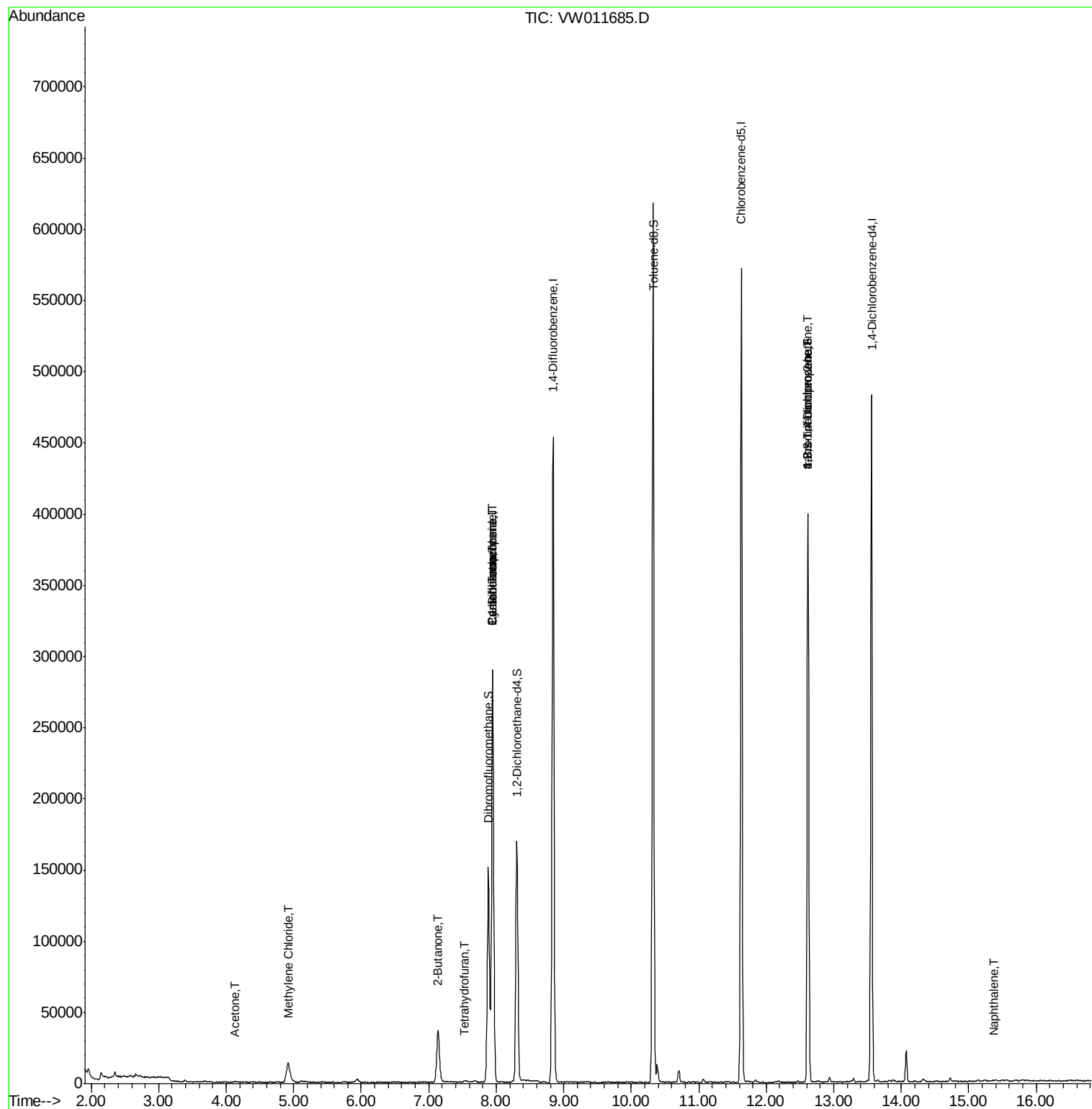
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	143	Below Cal	#	72
16) Acetone	4.14	43	1667	2.170	ug/l	98
20) Methylene Chloride	4.92	84	10720	4.047	ug/l	88
25) 2-Butanone	7.13	43	2498	2.485	ug/l	91
29) Tetrahydrofuran	7.53	42	1375	2.393	ug/l #	87
31) Cyclohexane	7.95	56	5280	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18263	4.926	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21192	6.677	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	68910	54.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68910	125.184	ug/l #	6
95) Naphthalene	15.37	128	678	2.203	ug/l #	81

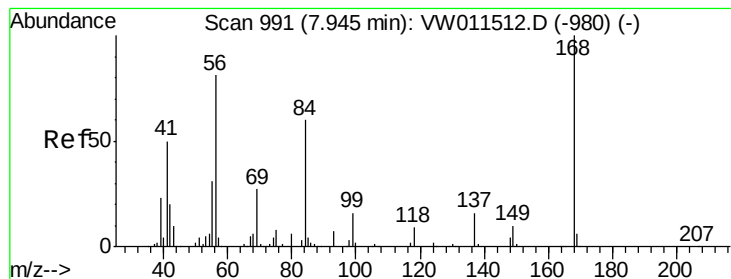
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080419\
Data File : VW011685.D
Acq On : 04 Aug 2019 01:39
Operator : SY/VA
Sample : K4135-13
Misc : 5.45G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
1S-B2-(0-1)

Quant Time: Aug 05 01:05:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011685.D

Acq: 04 Aug 2019 01:39

Instrument :

MSVOA_W

ClientSampled :

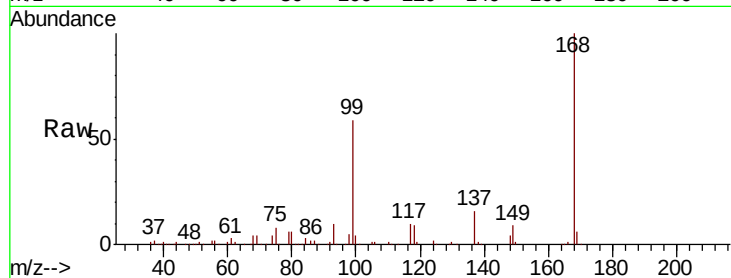
1S-B2-(0-1)

Tot Ion:168 Resp: 210294

Ion Ratio Lower Upper

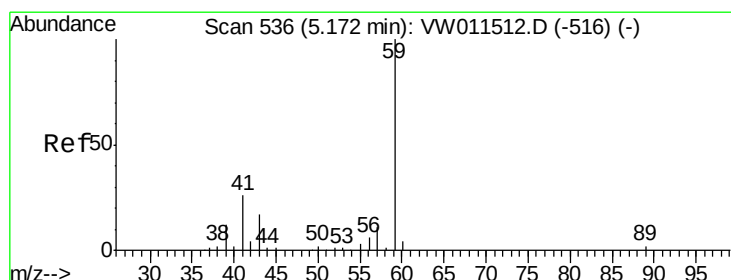
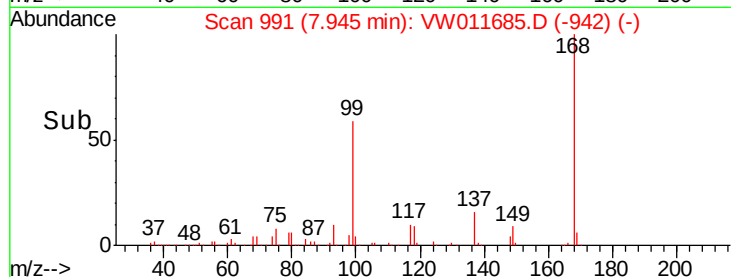
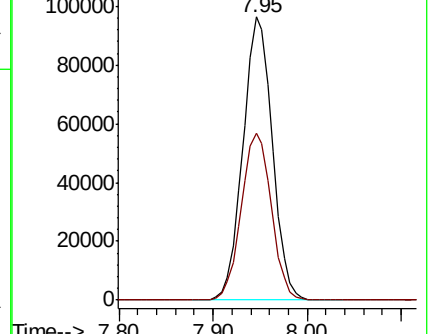
168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW011685.D

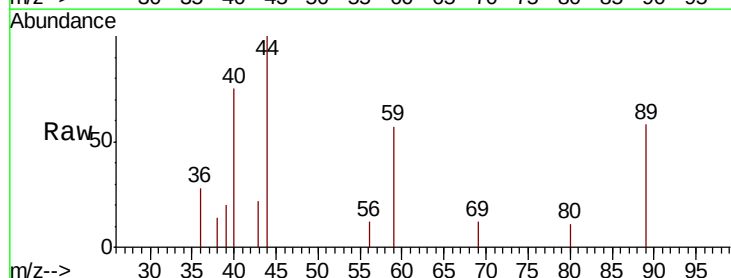
Acq: 04 Aug 2019 01:39

Tgt Ion: 59 Resp: 143

Ion Ratio Lower Upper

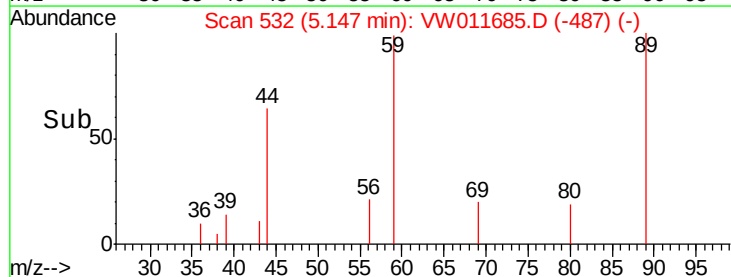
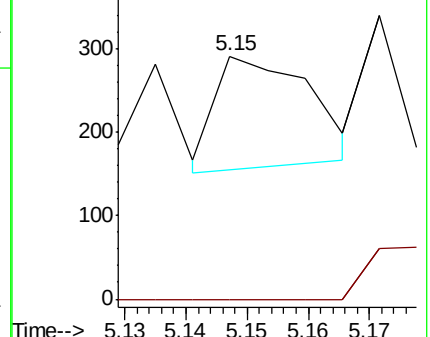
59 100

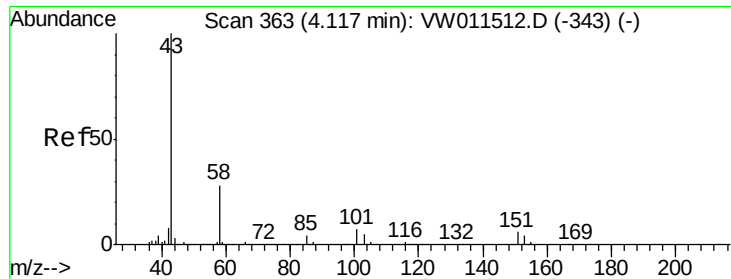
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

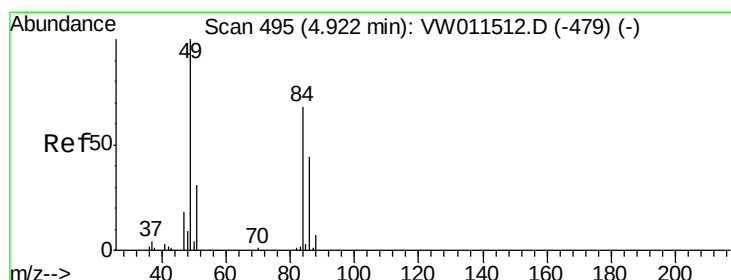
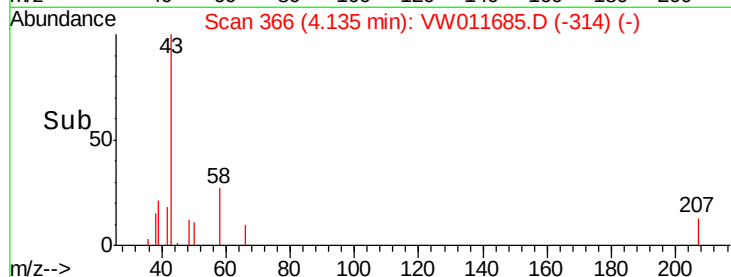
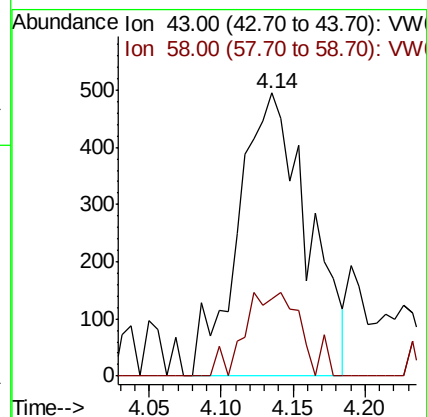
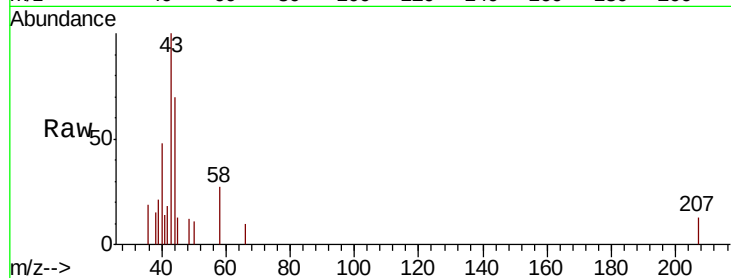




#16
Acetone
Concen: 2.170 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

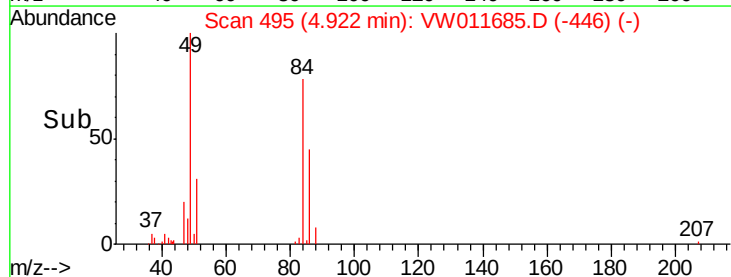
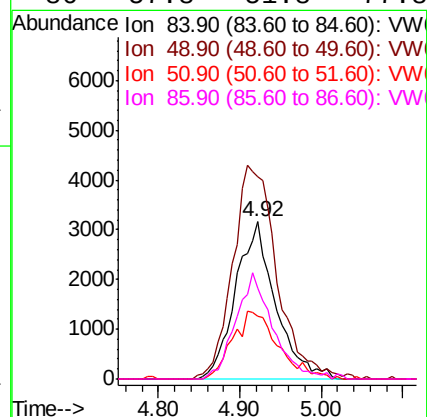
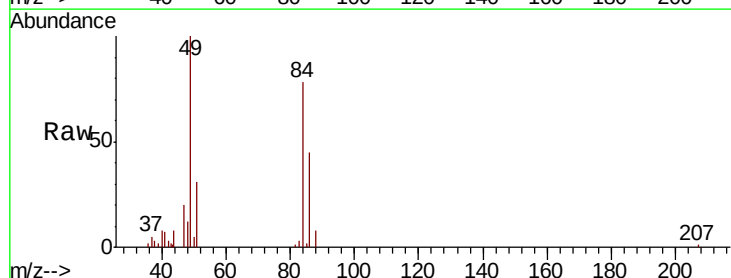
Instrument :
MSVOA_W
ClientSampleId :
1S-B2-(0-1)

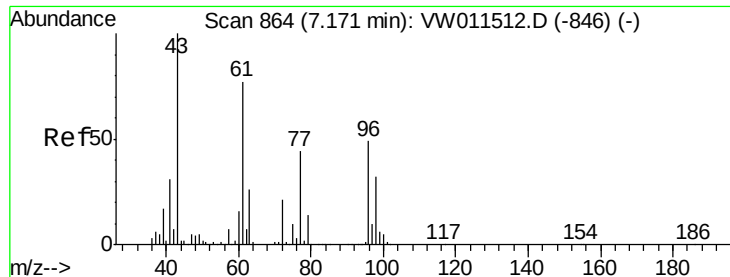
Tot Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#20
Methylene Chloride
Concen: 4.047 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Tgt Ion: 84 Resp: 10720
Ion Ratio Lower Upper
84 100
49 128.5 117.8 176.6
51 40.2 37.0 55.4
86 57.8 51.8 77.8





#25

2-Butanone

Concen: 2.485 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW011685.D

Acq: 04 Aug 2019 01:39

Instrument :

MSVOA_W

ClientSampleId :

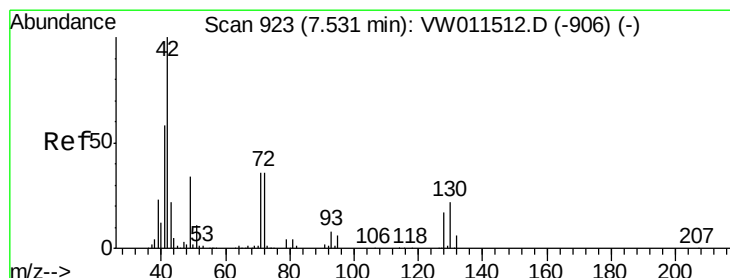
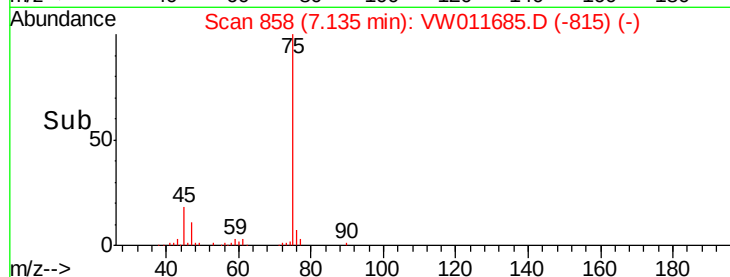
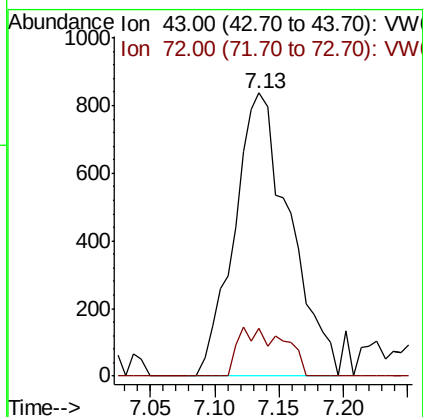
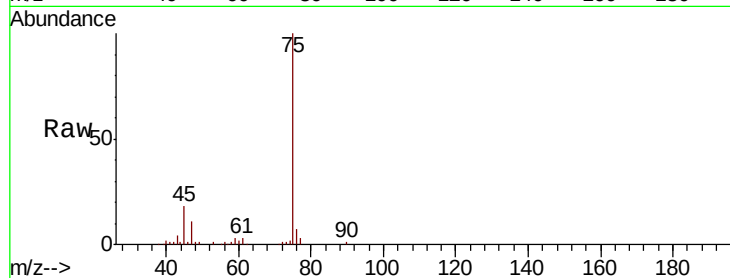
1S-B2-(0-1)

Tot Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

72 16.7 16.6 24.8



#29

Tetrahydrofuran

Concen: 2.393 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011685.D

Acq: 04 Aug 2019 01:39

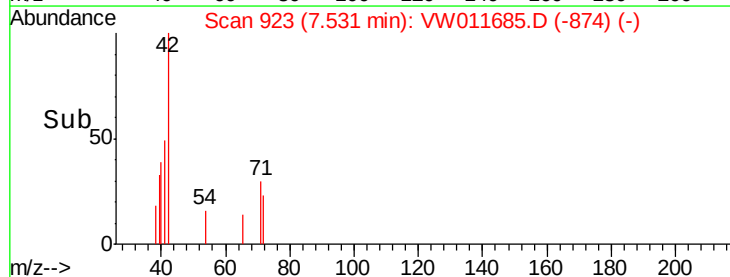
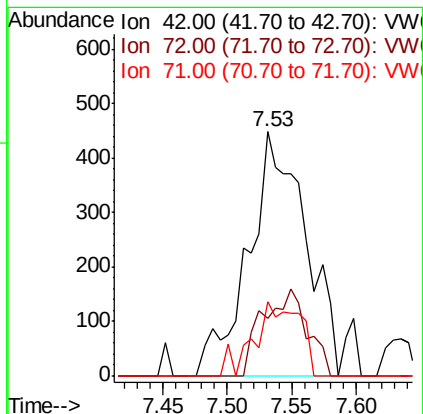
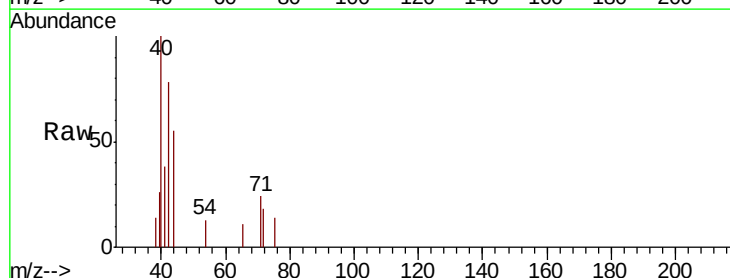
Tgt Ion: 42 Resp: 1375

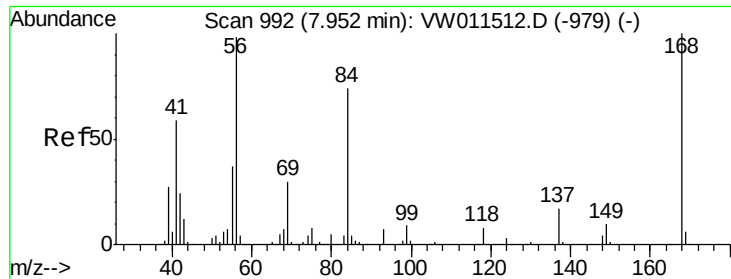
Ion Ratio Lower Upper

42 100

72 27.5 27.1 40.7

71 24.4 26.2 39.4#

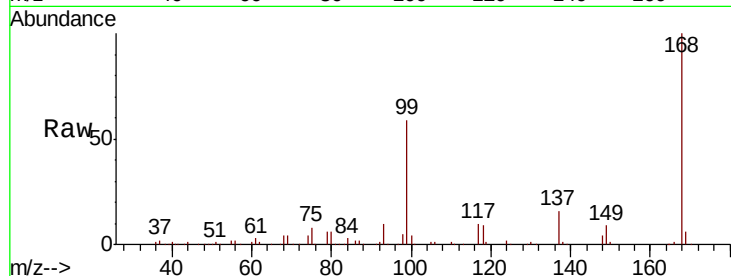




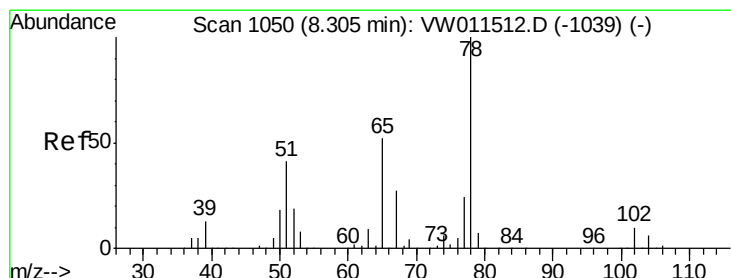
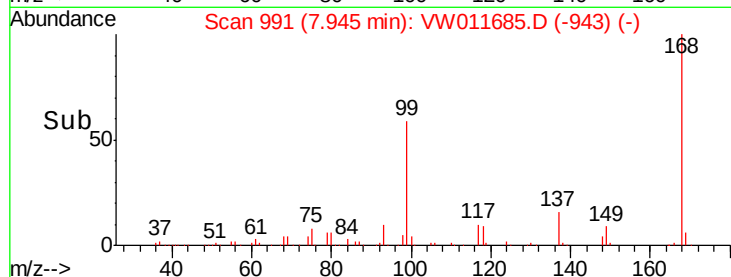
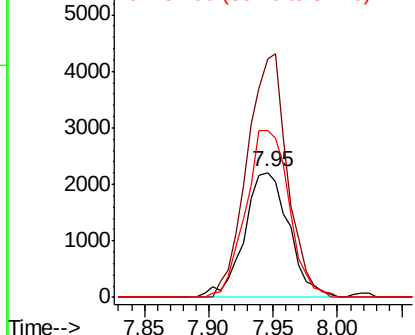
#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Instrument :
MSVOA_W
ClientSampleId :
1S-B2-(0-1)

Tot Ion: 56 Resp: 5280
Ion Ratio Lower Upper
56 100
69 191.9 24.3 36.5#
84 134.1 60.4 90.6#

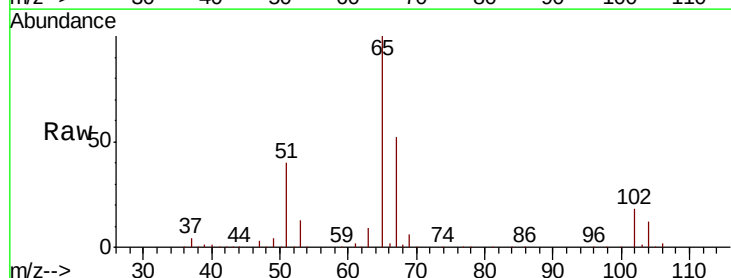


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

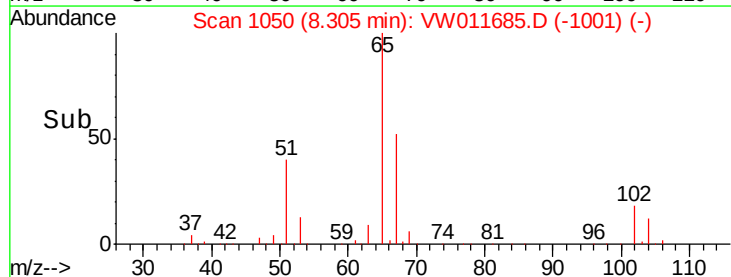
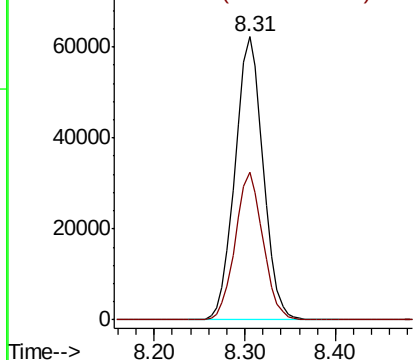


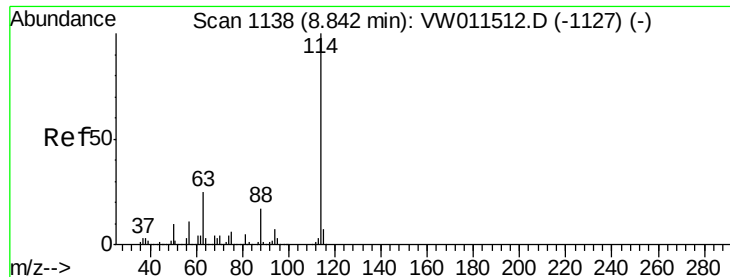
#33
1,2-Dichloroethane-d4
Concen: 55.457 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Tgt Ion: 65 Resp: 133916
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2



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

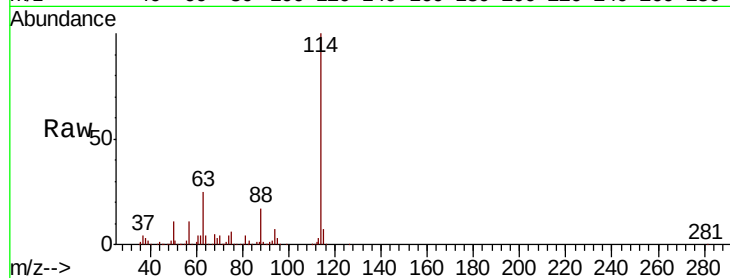




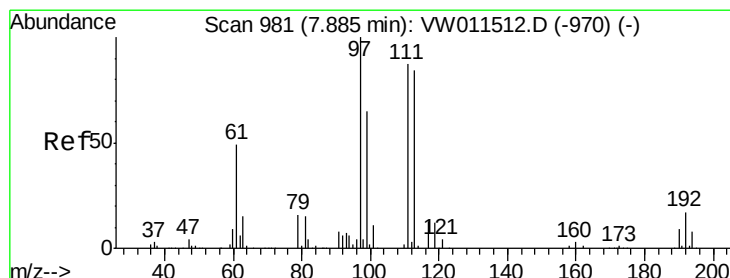
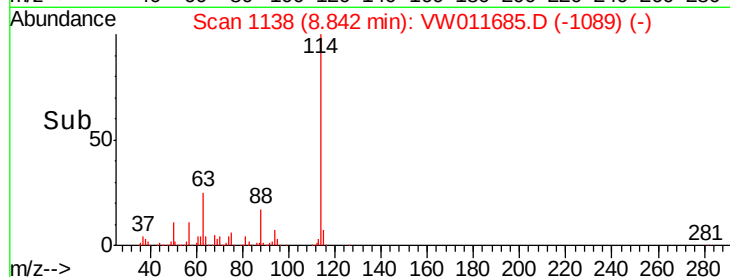
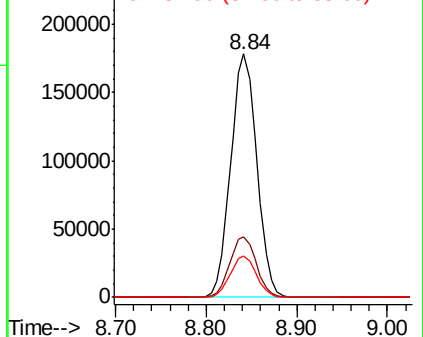
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011685.D
 Acq: 04 Aug 2019 01:39

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B2-(0-1)

Tot Ion:114 Resp: 356570
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.9 0.0 33.8

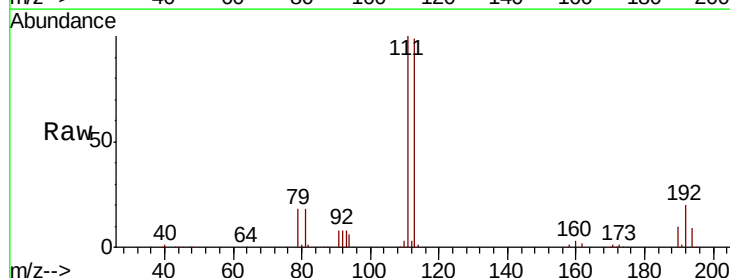


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

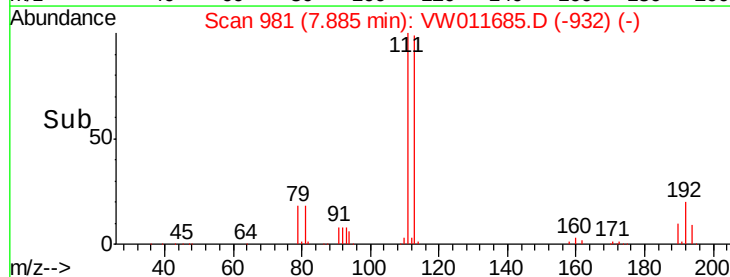
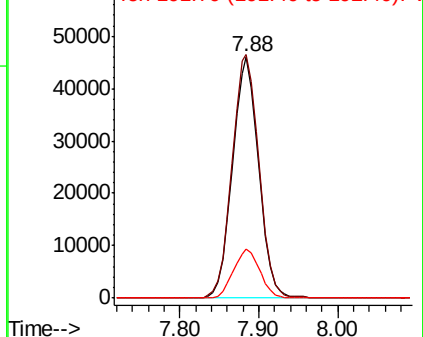


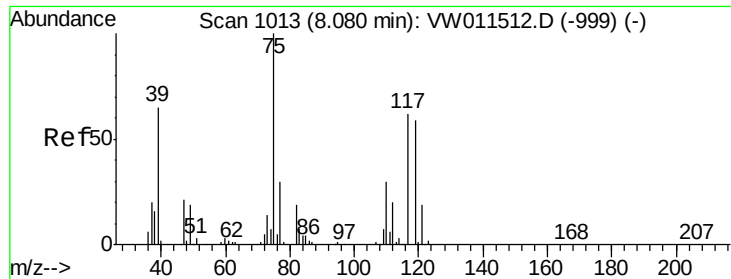
#35
 Dibromofluoromethane
 Concen: 52.974 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011685.D
 Acq: 04 Aug 2019 01:39

Tgt Ion:113 Resp: 105971
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.5 16.1 24.1



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

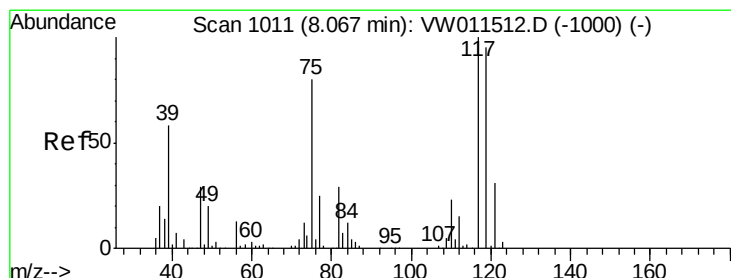
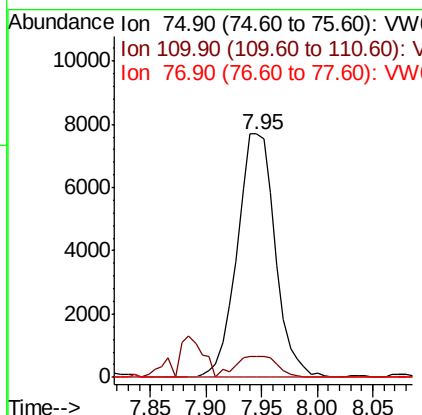
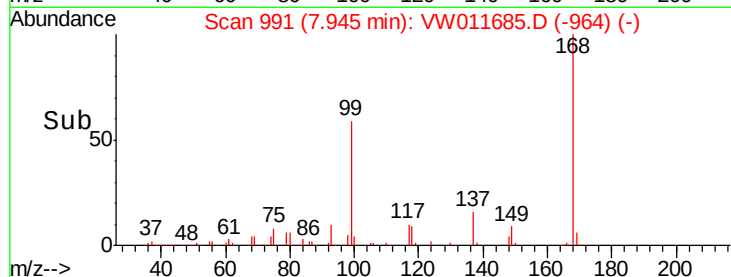
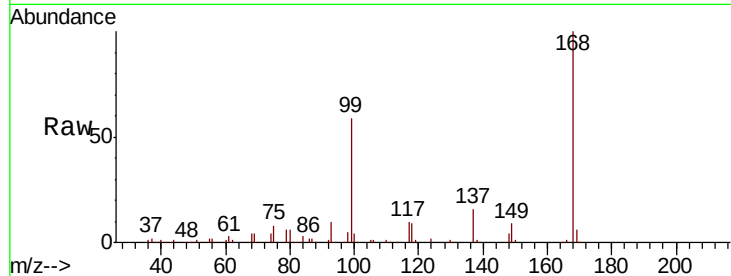




#36
 1,1-Dichloropropene
 Concen: 4.926 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011685.D
 Acq: 04 Aug 2019 01:39

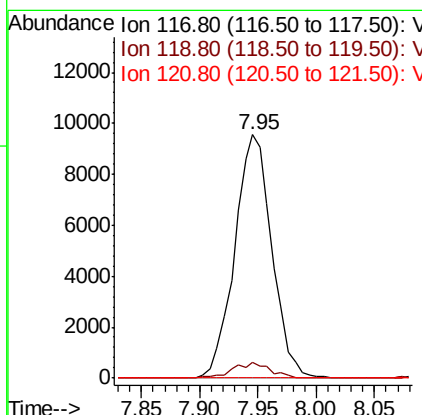
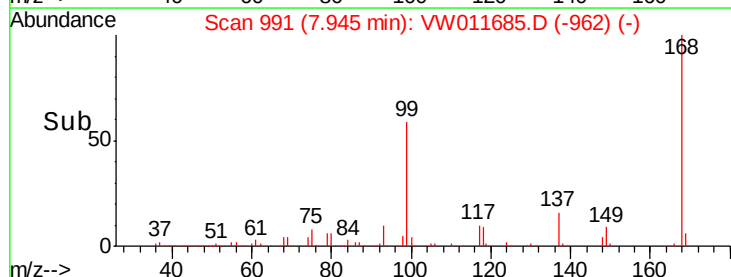
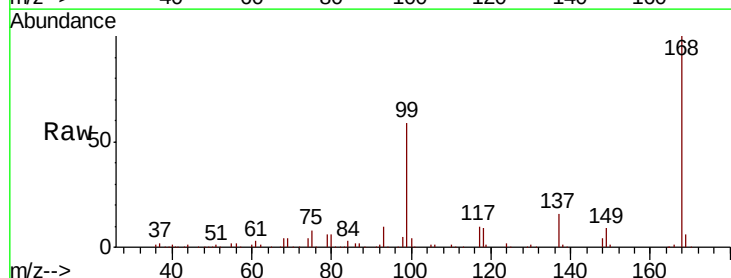
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B2-(0-1)

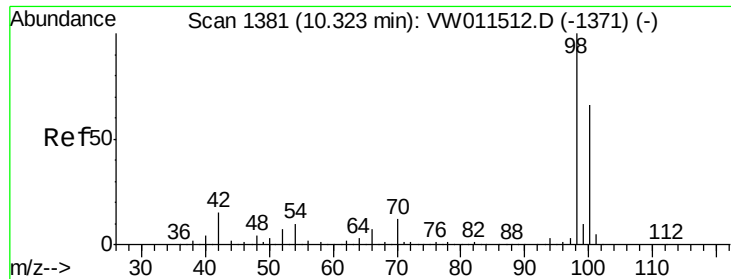
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.677 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011685.D
 Acq: 04 Aug 2019 01:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.8	113.6#
121	0.0	24.7	37.1#

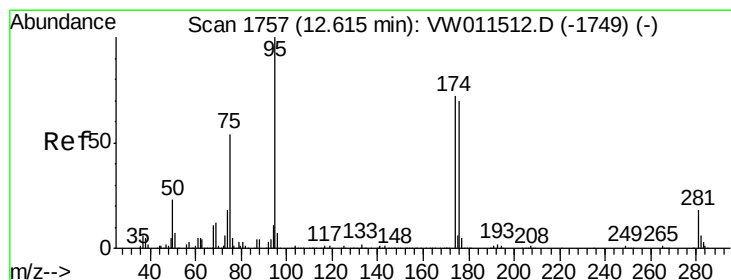
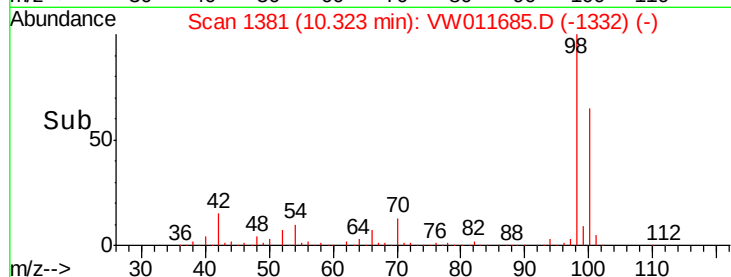
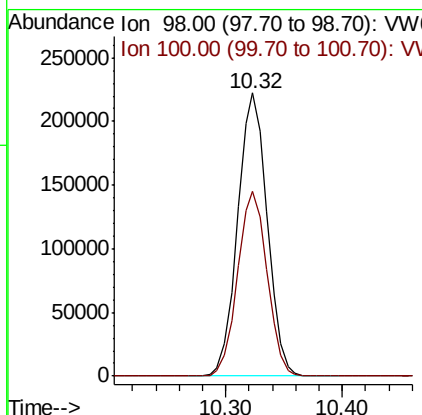
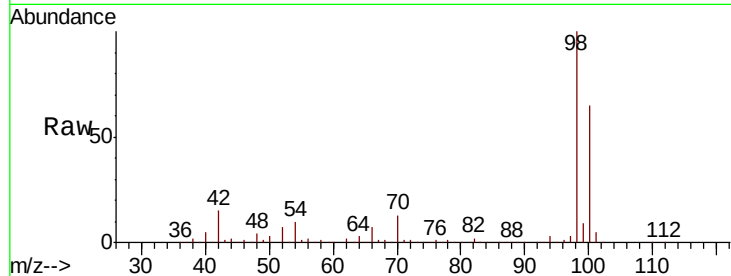




#50
Toluene-d8
Concen: 48.034 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

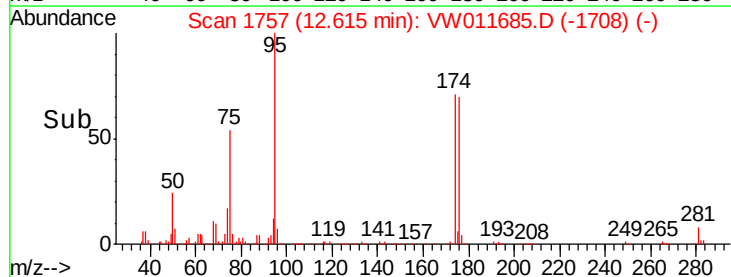
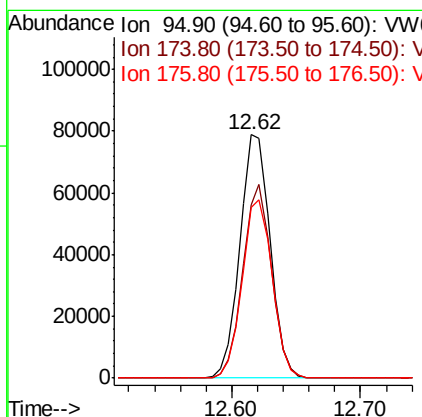
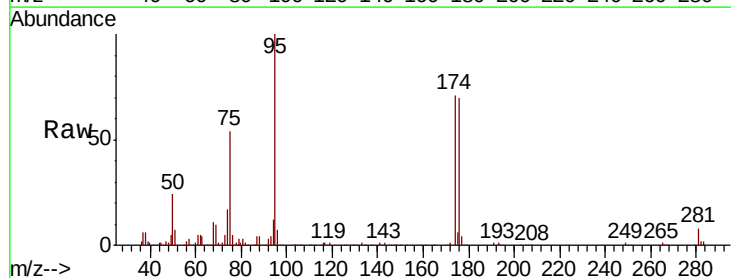
Instrument :
MSVOA_W
ClientSampleId :
1S-B2-(0-1)

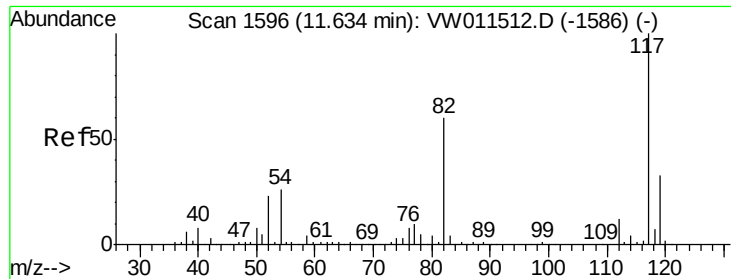
Tot Ion: 98 Resp: 393414
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.669 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Tgt Ion: 95 Resp: 127513
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 73.1 0.0 144.4

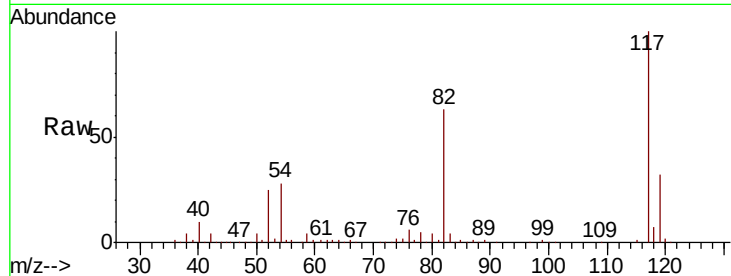




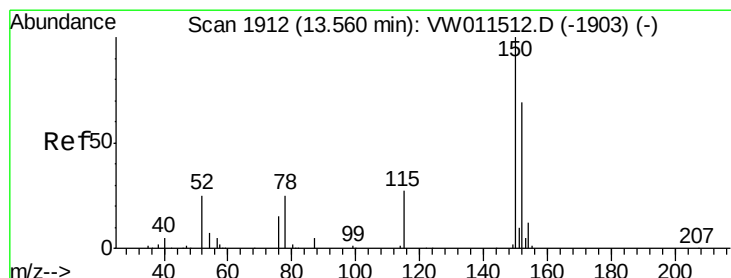
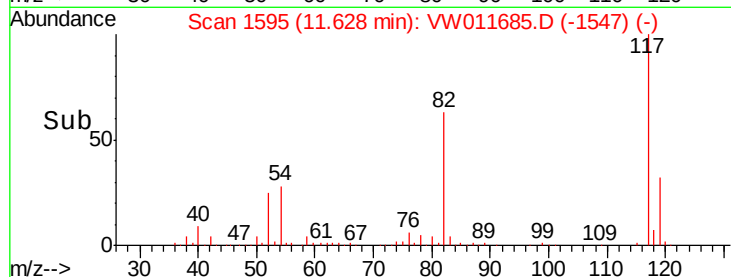
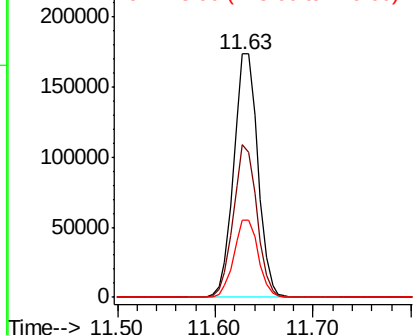
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Instrument :
MSVOA_W
ClientSampleId :
1S-B2-(0-1)

Tot Ion:117 Resp: 298433
Ion Ratio Lower Upper
117 100
82 62.6 47.9 71.9
119 31.9 26.2 39.2

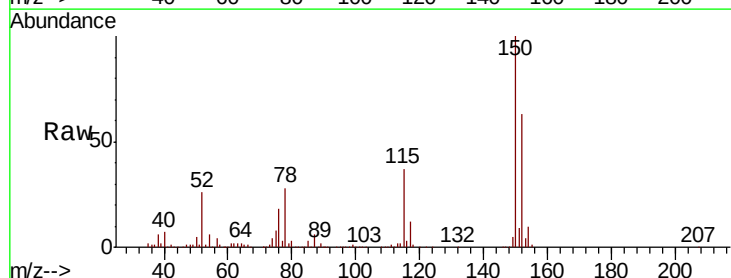


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

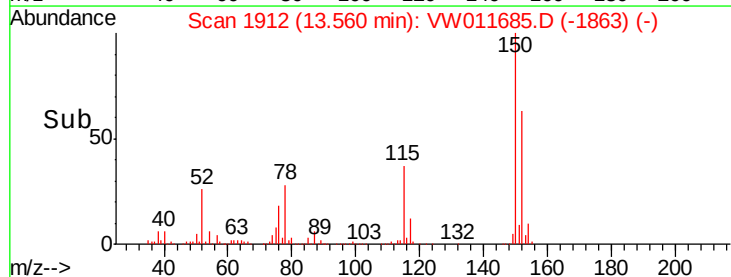
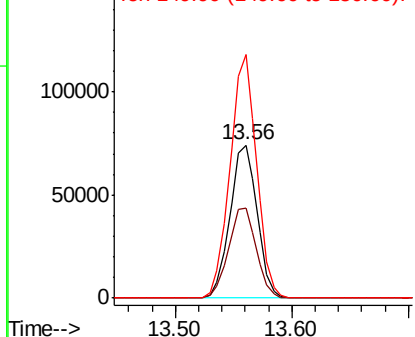


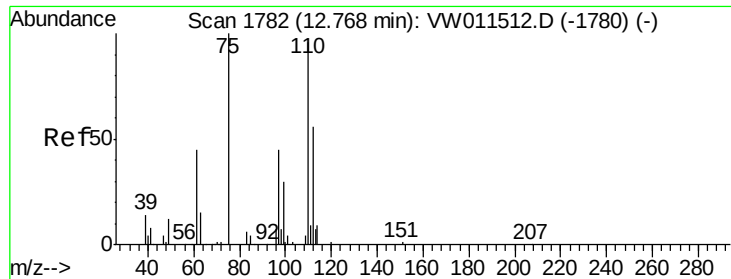
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011685.D
Acq: 04 Aug 2019 01:39

Tgt Ion:152 Resp: 119896
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 155.5 0.0 352.6



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: 54.318 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011685.D

Acq: 04 Aug 2019 01:39

Instrument :

MSVOA_W

ClientSampleId :

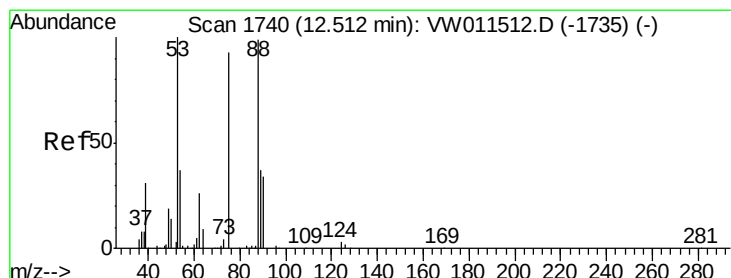
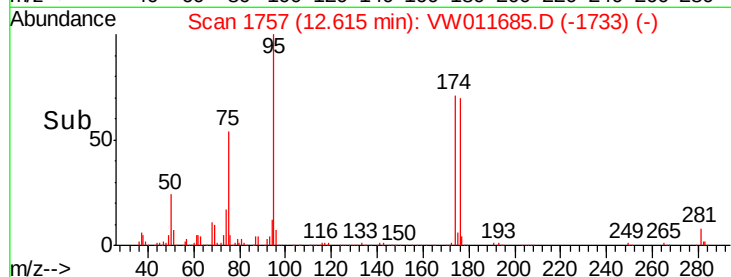
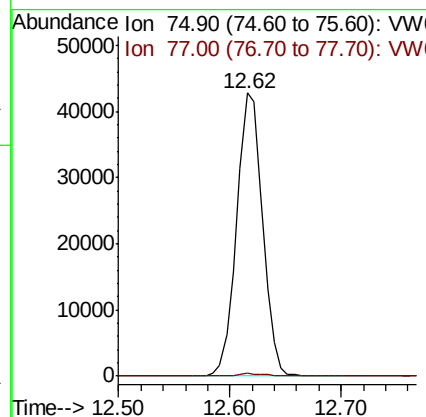
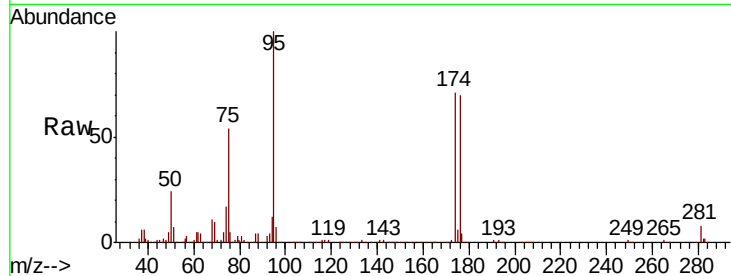
1S-B2-(0-1)

Tot Ion: 75 Resp: 68910

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.184 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011685.D

Acq: 04 Aug 2019 01:39

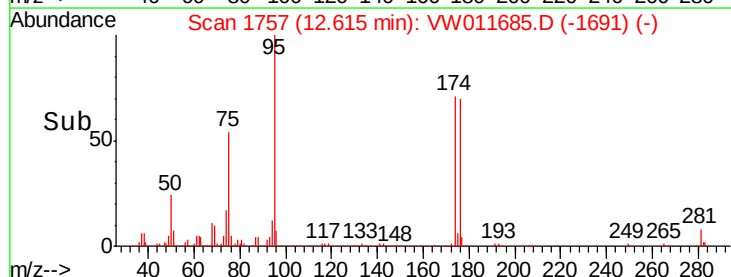
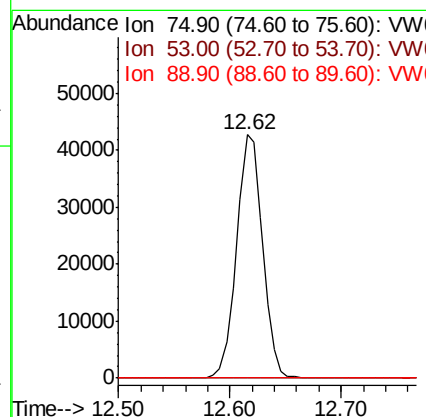
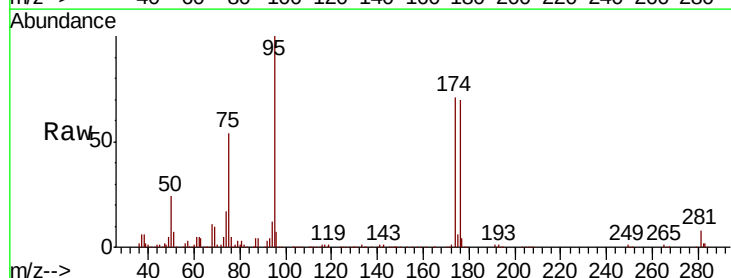
Tgt Ion: 75 Resp: 68910

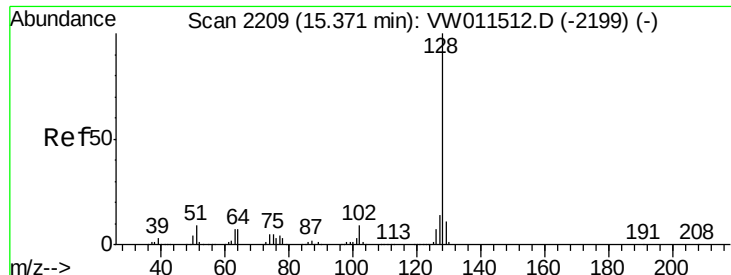
Ion Ratio Lower Upper

75 100

53 0.0 88.0 132.0#

89 0.2 35.3 52.9#

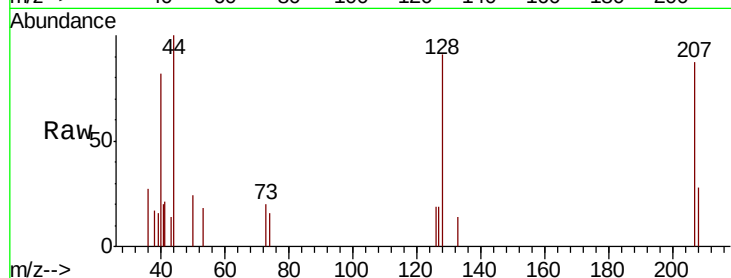




#95
 Naphthalene
 Concen: 2.203 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW011685.D
 Acq: 04 Aug 2019 01:39

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B2-(0-1)

Tot Ion:128 Resp: 678
 Ion Ratio Lower Upper
 128 100
 127 17.6 10.6 16.0#
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

