

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011482.D
 Acq On : 24 Jul 2019 18:25
 Operator : SY/VA
 Sample : K3614-01
 Misc : 9.16G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:08:32 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	259596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134430	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	169057	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	130037	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	517805	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	162456	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	

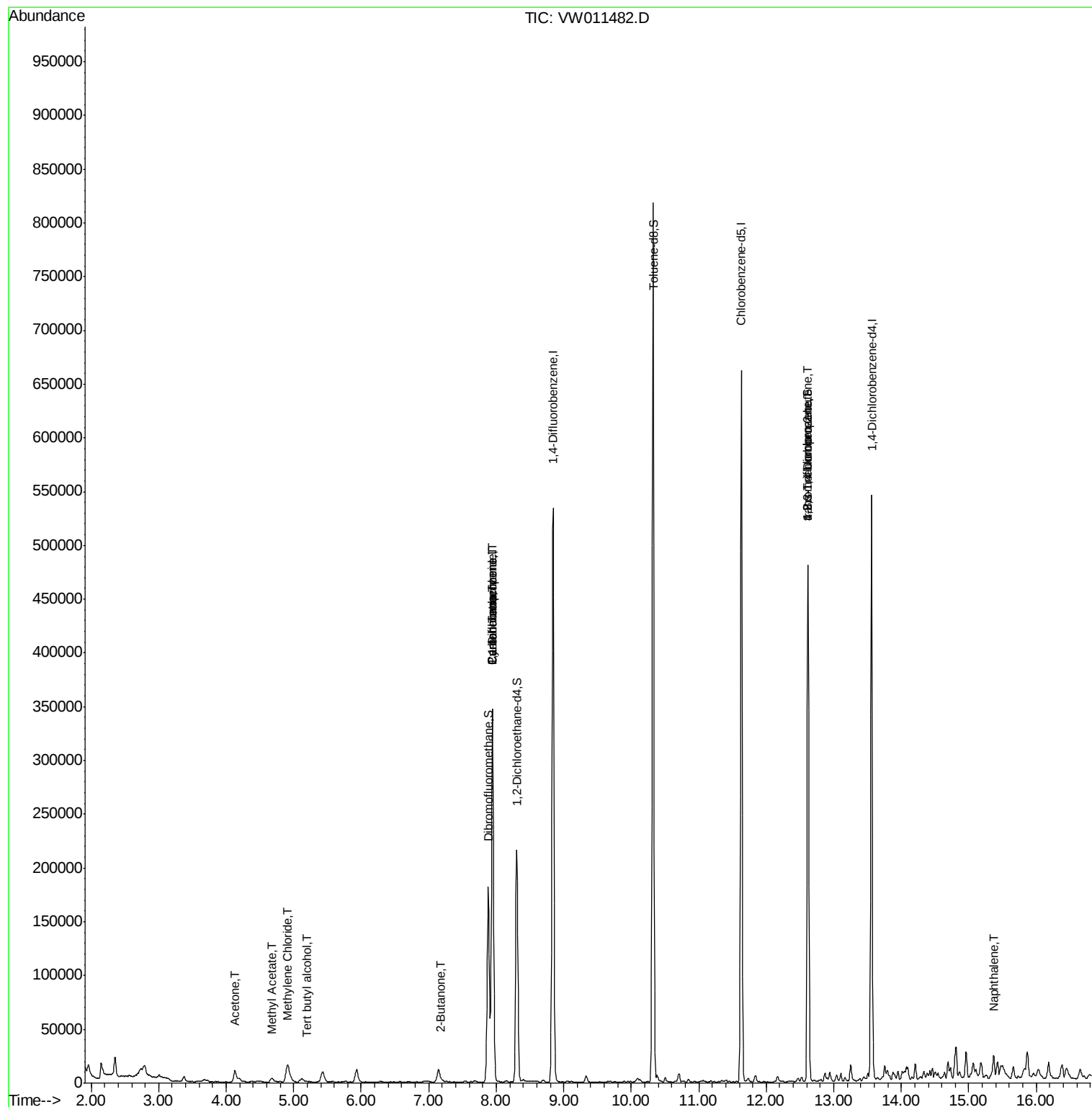
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	419	1.735	ug/l #	70
16) Acetone	4.14	43	20347	25.925	ug/l	95
18) Methyl Acetate	4.68	43	7001	1.774	ug/l	95
20) Methylene Chloride	4.92	84	12652	4.086	ug/l	92
25) 2-Butanone	7.18	43	2201	1.787	ug/l #	89
31) Cyclohexane	7.94	56	6782	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21997	4.820	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25643	6.628	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	84032	54.092	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84032	122.345	ug/l #	6
95) Naphthalene	15.37	128	16028	3.085	ug/l	97

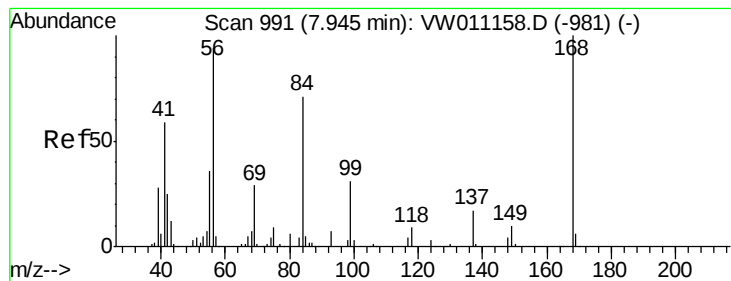
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072519\
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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: VW011482.D

Acq: 24 Jul 2019 18:25

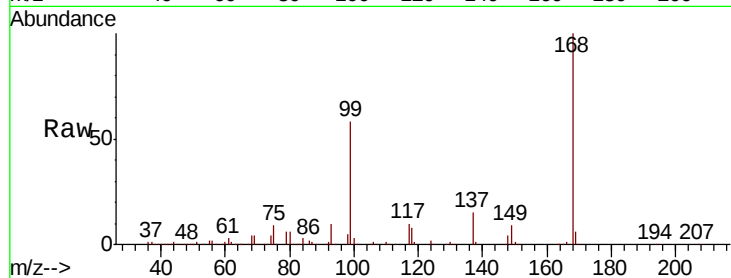
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 259596

Ion Ratio Lower Upper

168 100

99 57.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

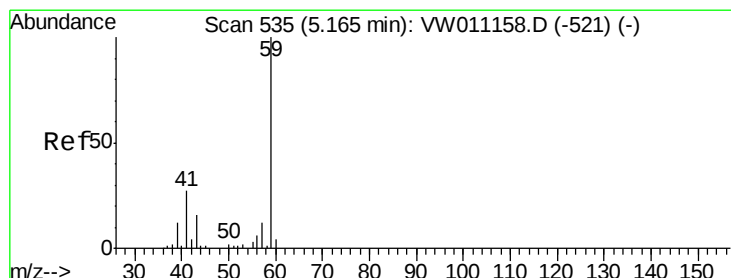
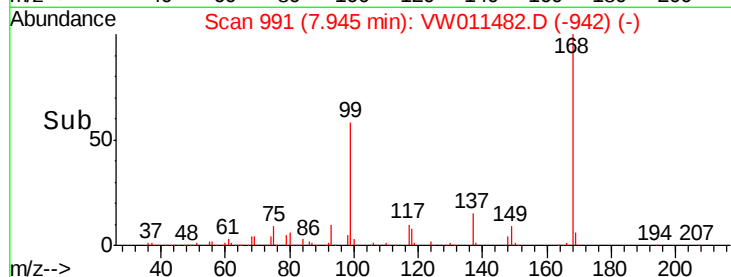
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.735 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW011482.D

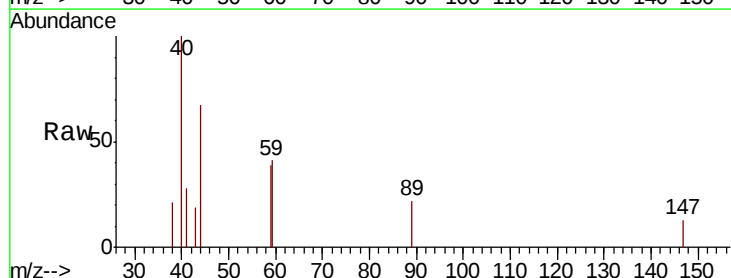
Acq: 24 Jul 2019 18:25

Tgt Ion: 59 Resp: 419

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

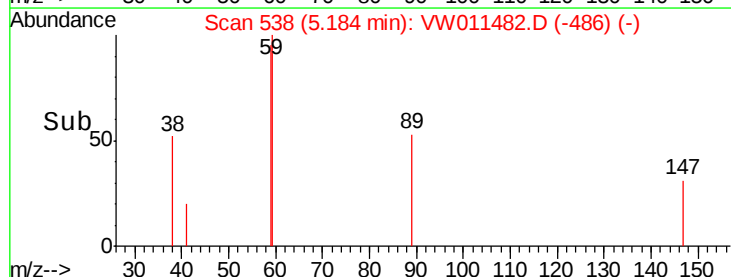
300

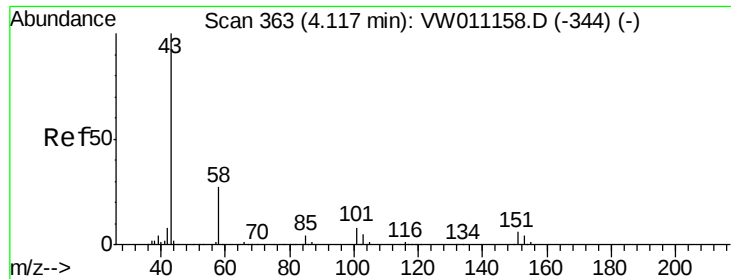
200

100

0

Time-->

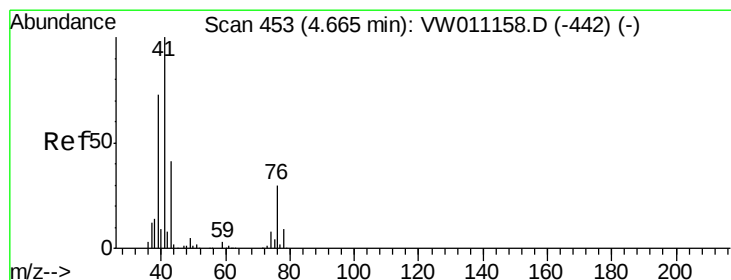
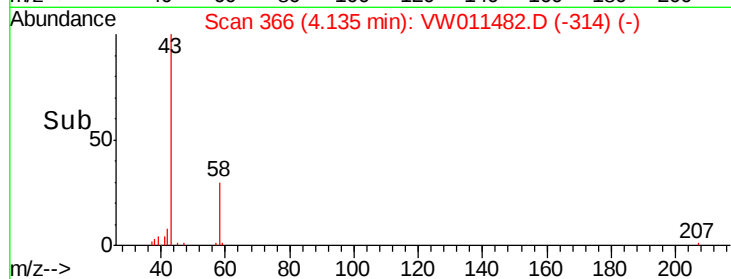
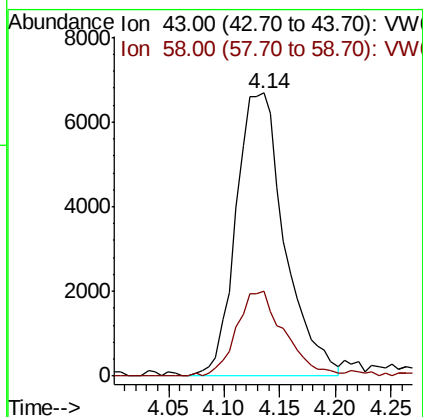
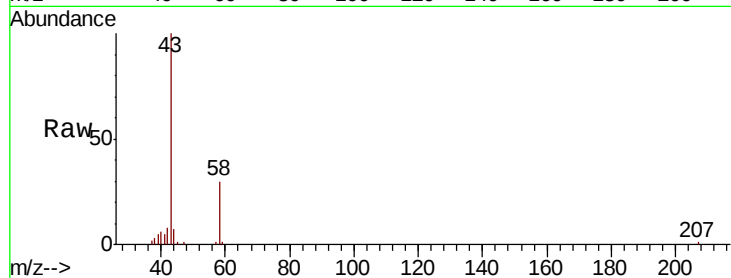




#16
Acetone
Concen: 25.925 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

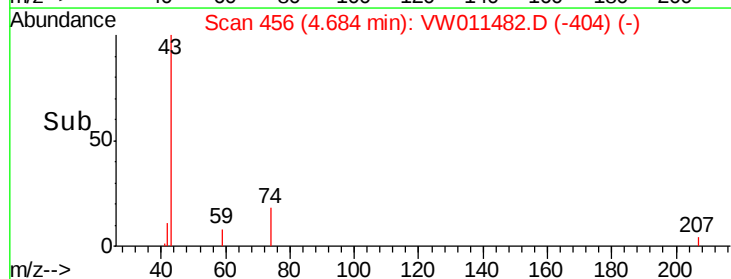
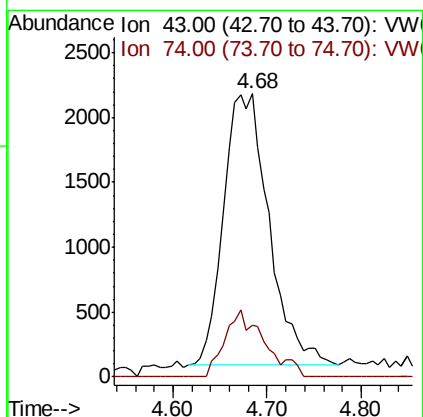
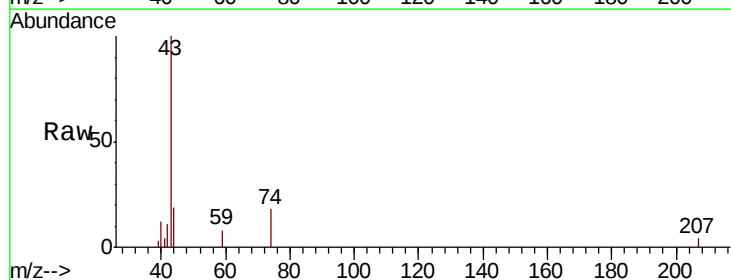
Instrument :
MSVOA_W
ClientSampled :

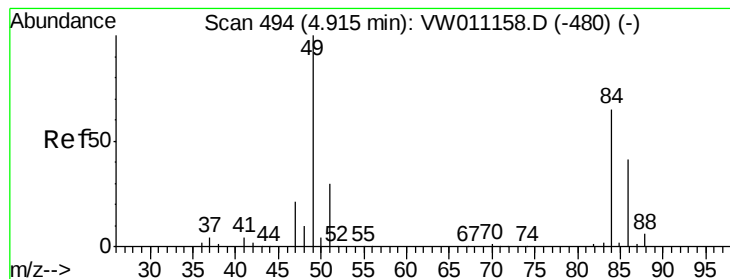
Tot Ion: 43 Resp: 20347
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6



#18
Methyl Acetate
Concen: 1.774 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Tgt Ion: 43 Resp: 7001
Ion Ratio Lower Upper
43 100
74 21.7 15.7 23.5





#20

Methylene Chloride

Concen: 4.086 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 12652

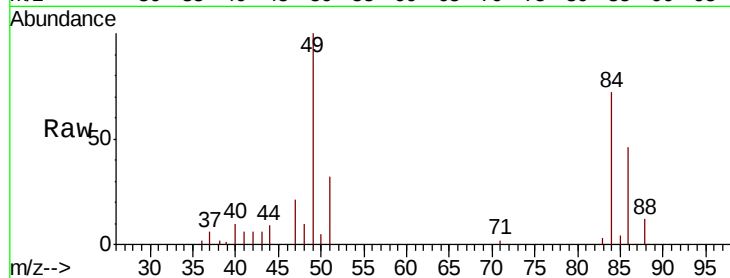
Ion Ratio Lower Upper

84 100

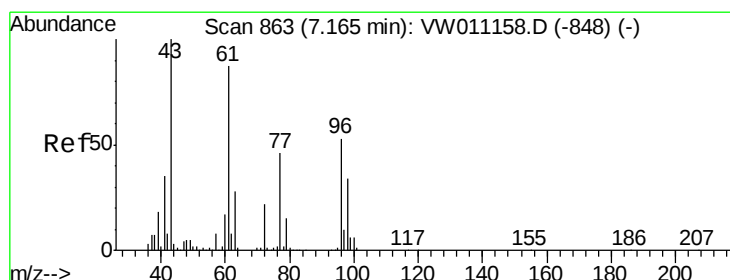
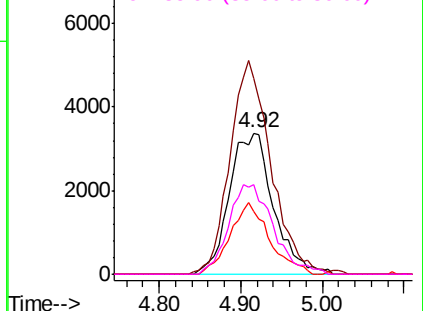
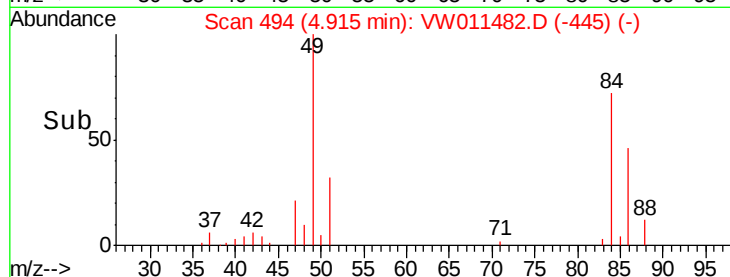
49 138.9 123.8 185.6

51 44.0 37.4 56.2

86 63.6 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.787 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW011482.D

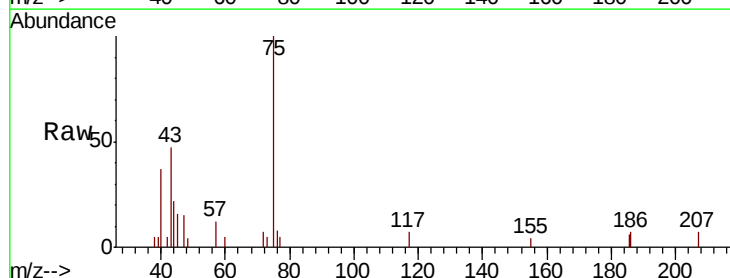
Acq: 24 Jul 2019 18:25

Tgt Ion: 43 Resp: 2201

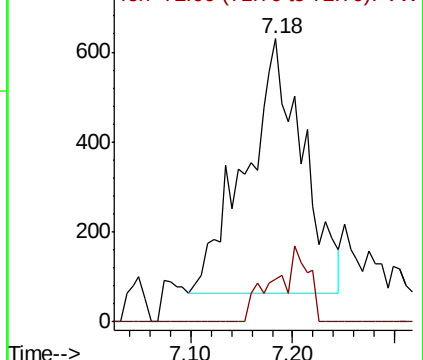
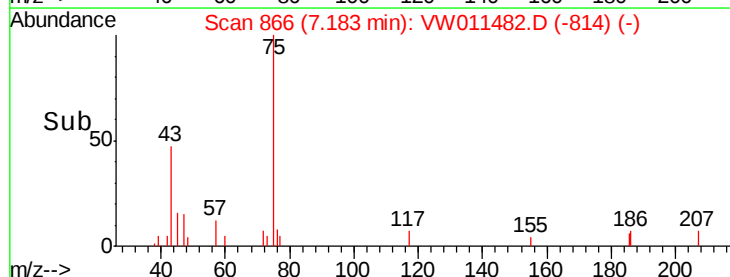
Ion Ratio Lower Upper

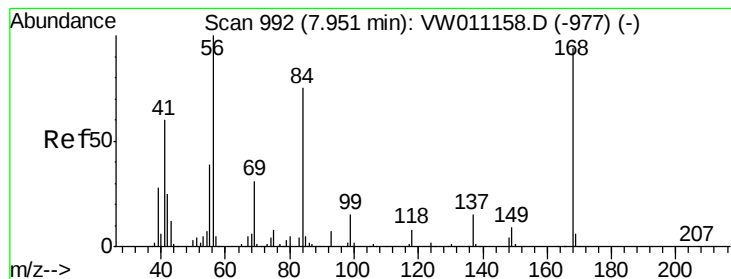
43 100

72 16.6 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cvclohexane

Concen: 1.073 ug/l

RT: 7.94 min Scan# 990

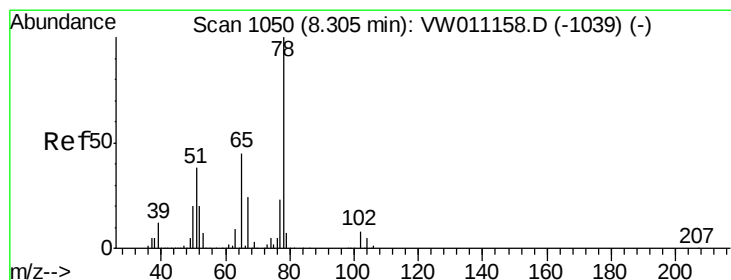
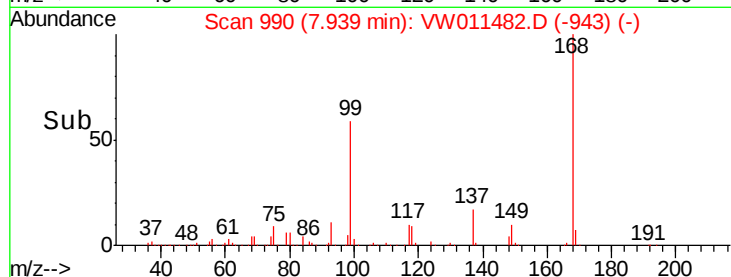
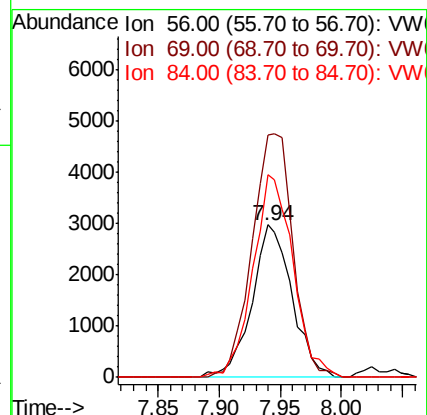
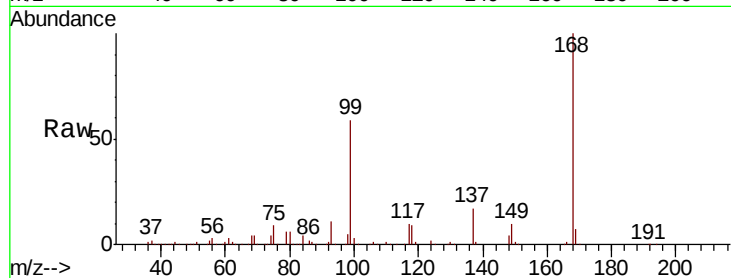
Delta R.T. -0.01 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	56	Resp:	6782
Ion	Ratio	Lower	Upper
56	100		
69	159.1	24.6	36.8#
84	132.8	60.1	90.1#



#33

1,2-Dichloroethane-d4

Concen: 51.827 ug/l

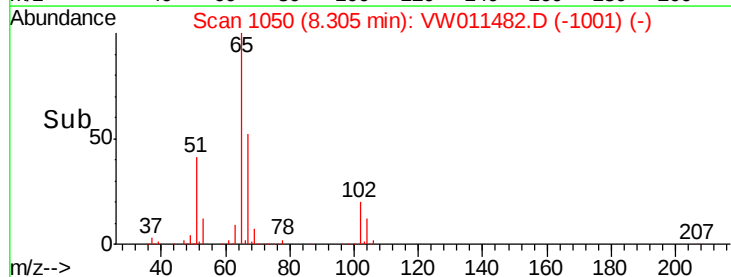
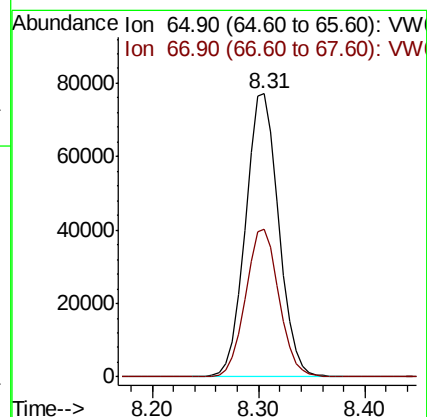
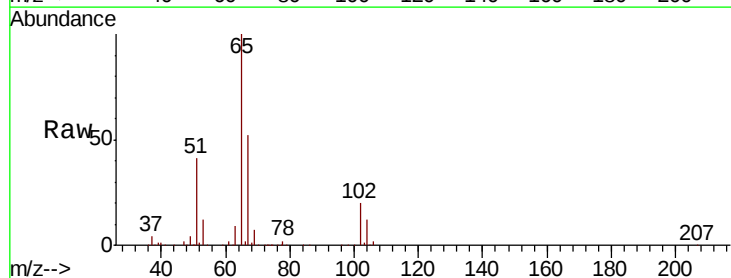
RT: 8.31 min Scan# 1050

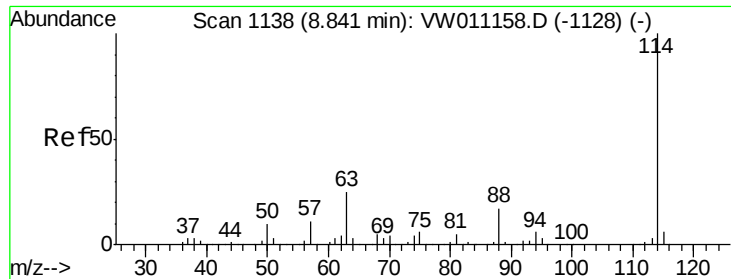
Delta R.T. 0.00 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Tgt Ion:	65	Resp:	169057
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4

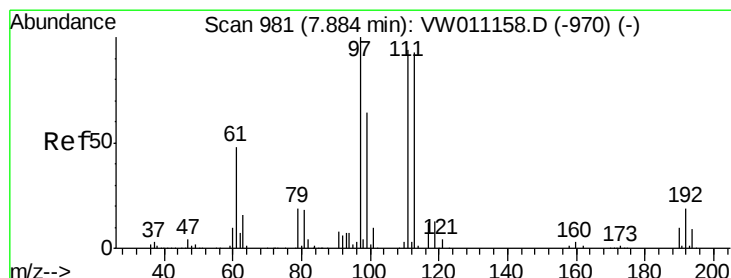
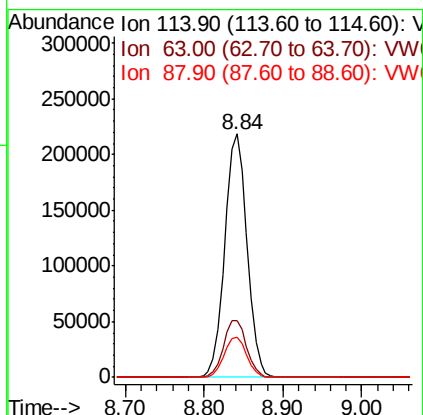
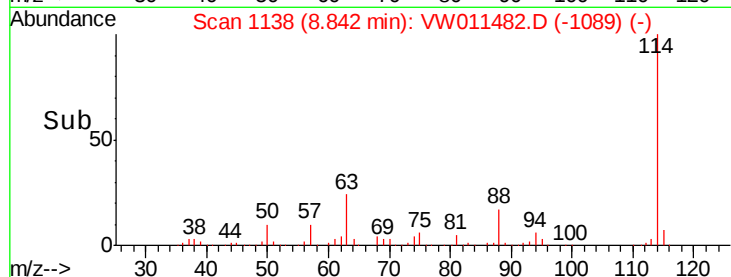
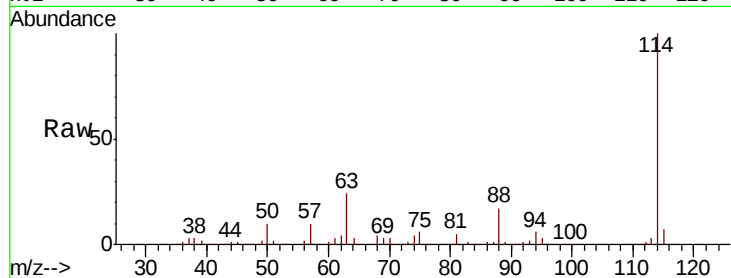




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

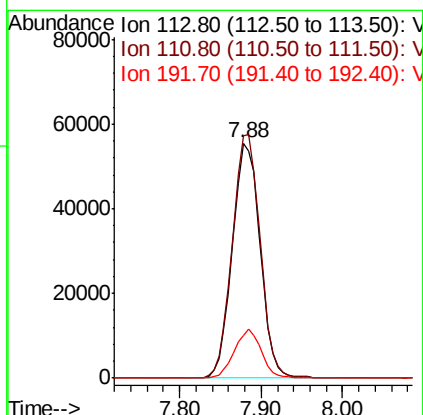
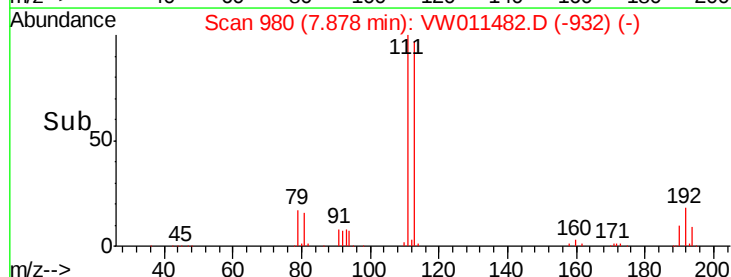
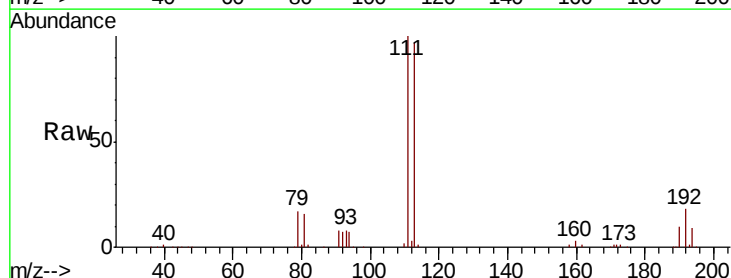
Instrument :
 MSVOA_W
 ClientSampled :

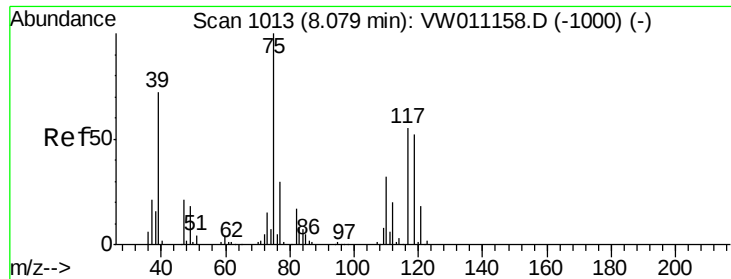
Tot Ion:114 Resp: 428593
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 50.8
 88 16.6 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 50.903 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

Tgt Ion:113 Resp: 130037
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.4 123.6
 192 20.0 15.8 23.8

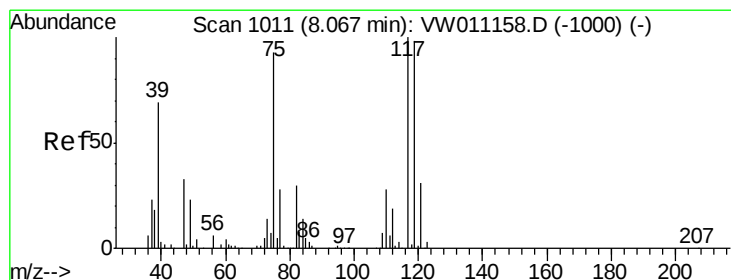
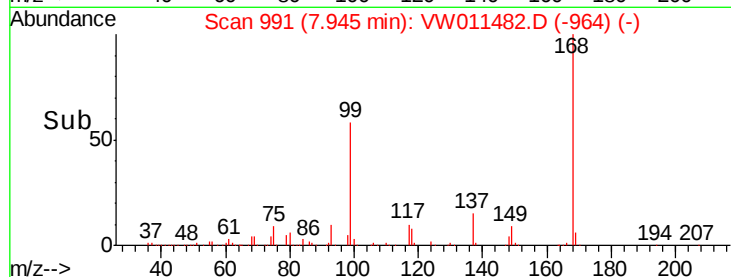
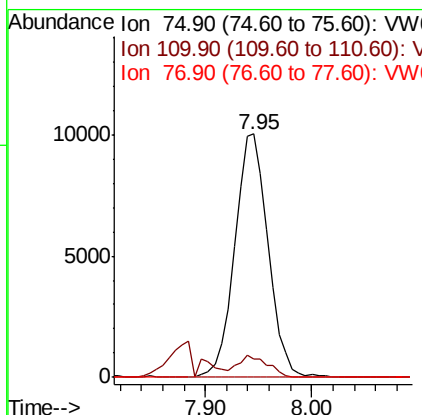
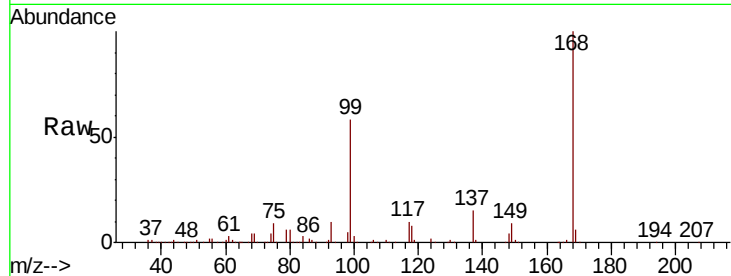




#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

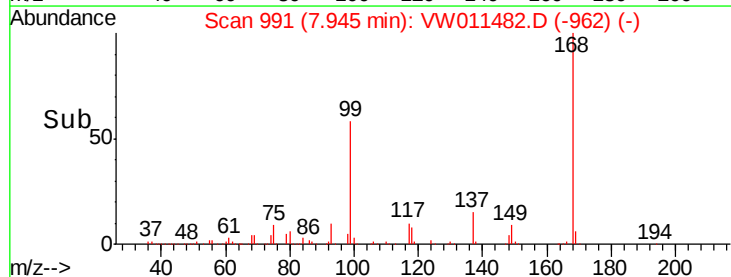
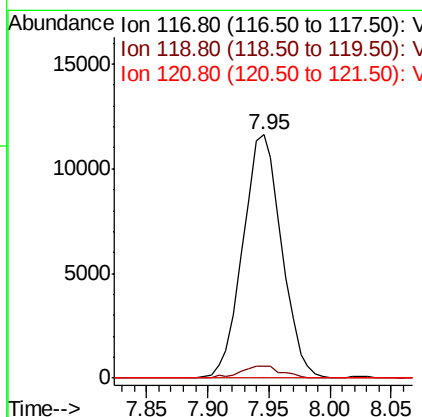
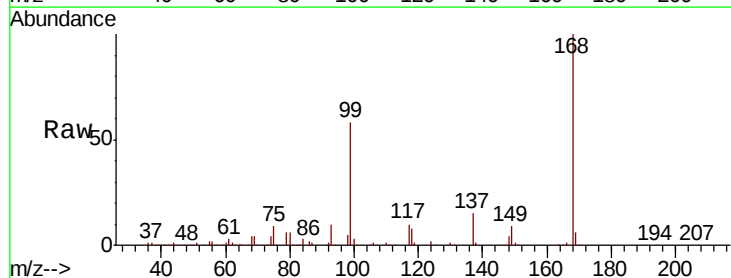
Instrument :
 MSVOA_W
 ClientSampleId :

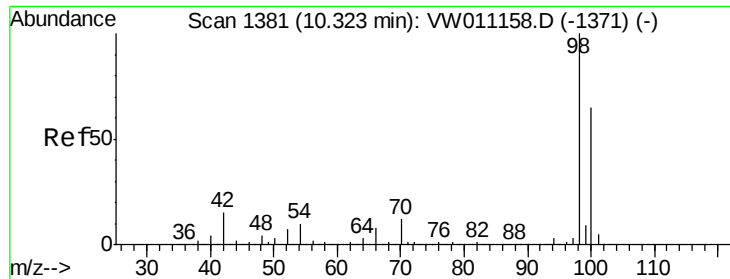
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.628 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 50.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :

MSVOA_W

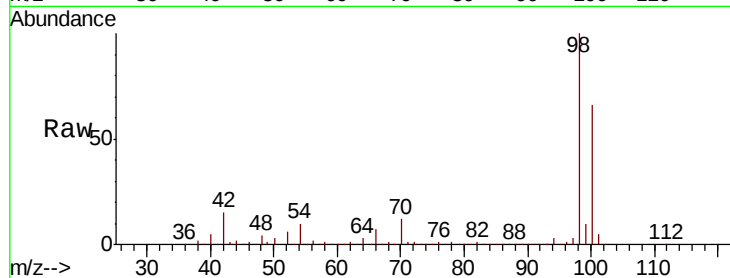
ClientSampled :

Tot Ion: 98 Resp: 517805

Ion Ratio Lower Upper

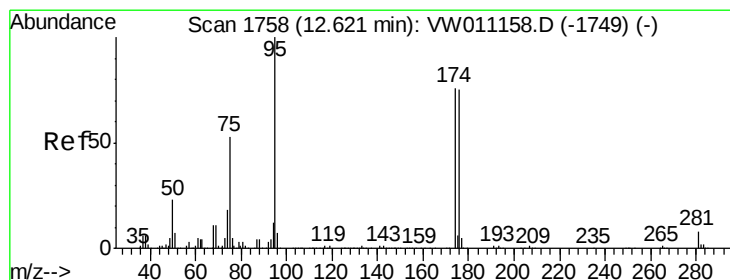
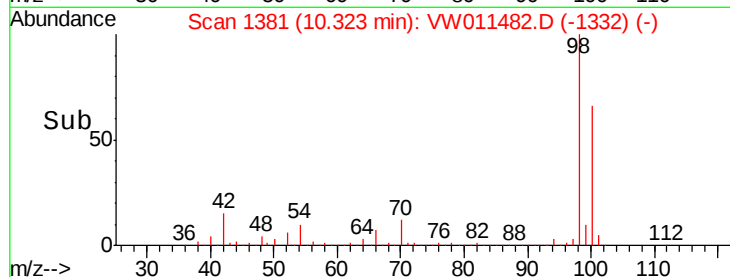
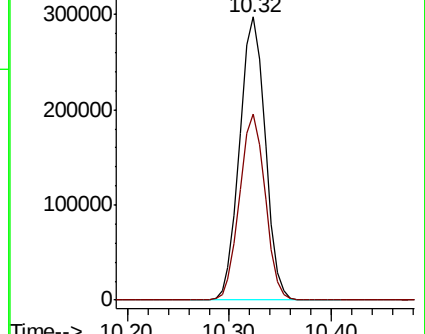
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.922 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

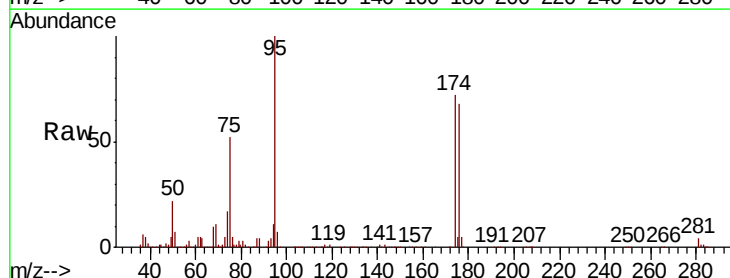
Tgt Ion: 95 Resp: 162456

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

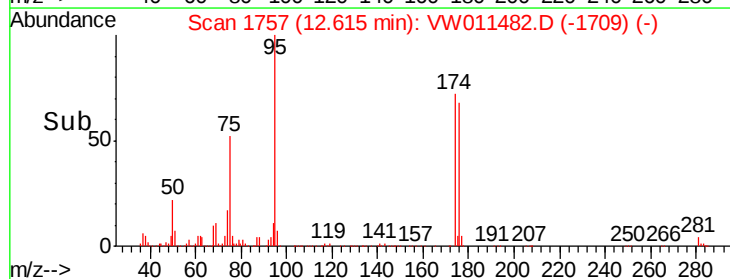
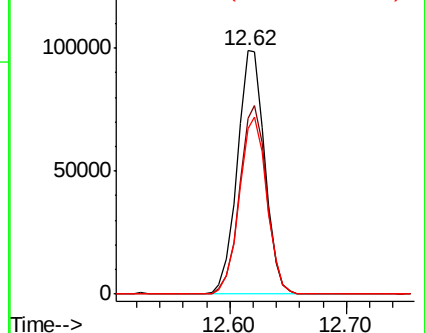
176 72.5 0.0 144.6

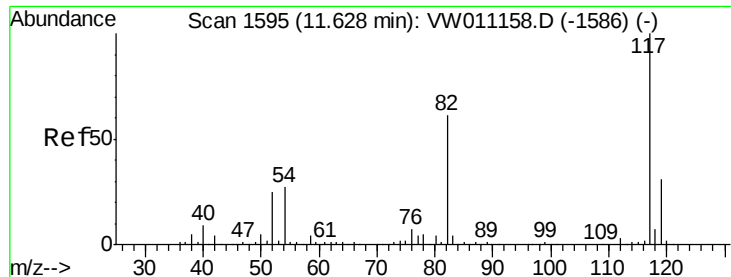


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

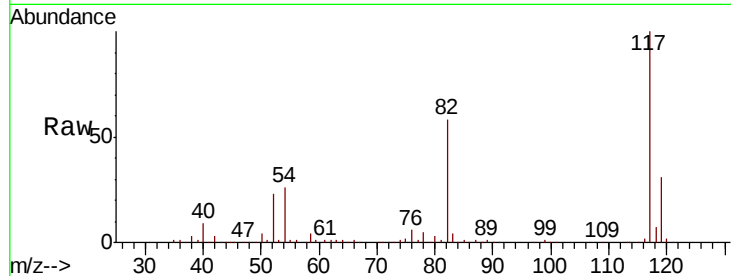




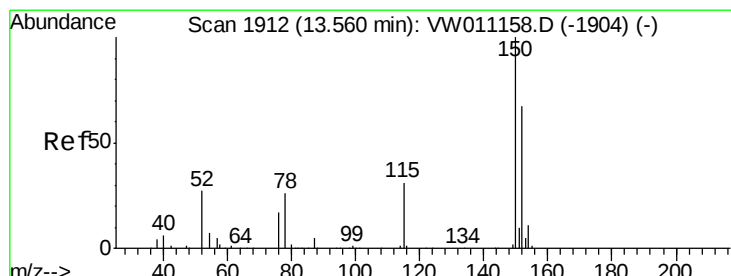
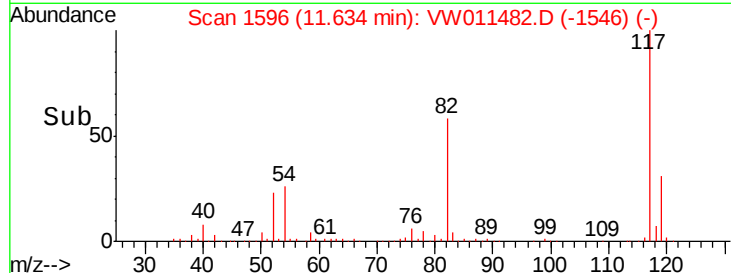
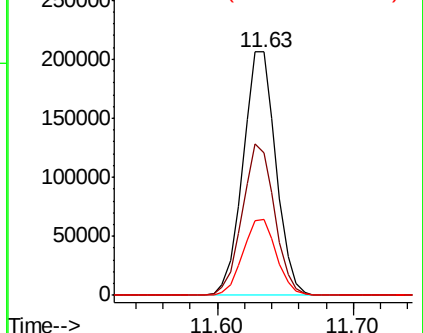
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 349372
Ion Ratio Lower Upper
117 100
82 58.5 48.9 73.3
119 31.4 25.0 37.6

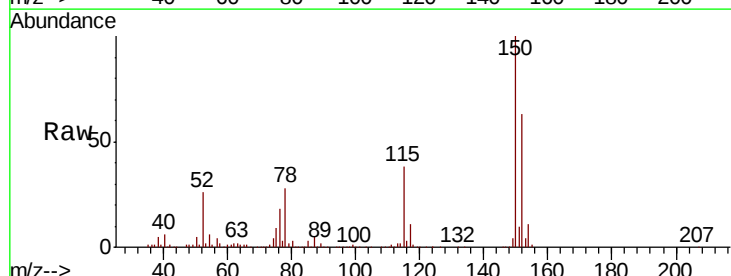


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

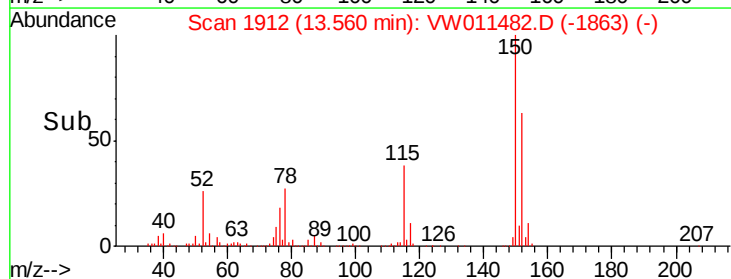
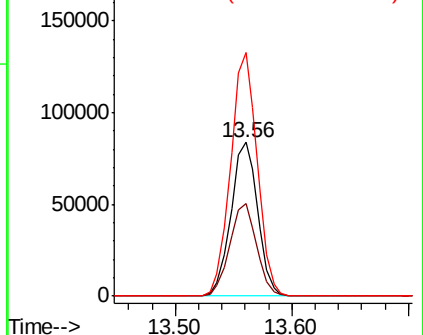


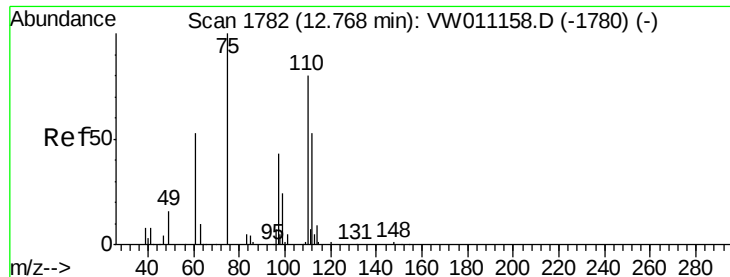
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Tgt Ion:152 Resp: 134430
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 156.8 0.0 346.0



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



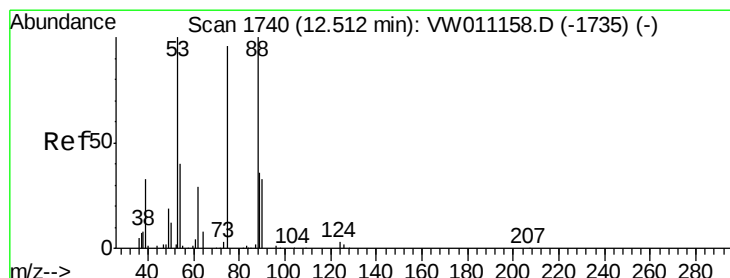
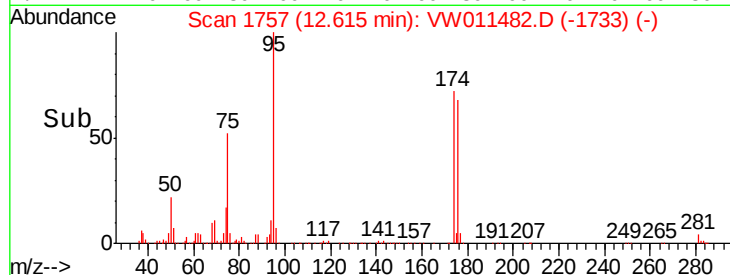
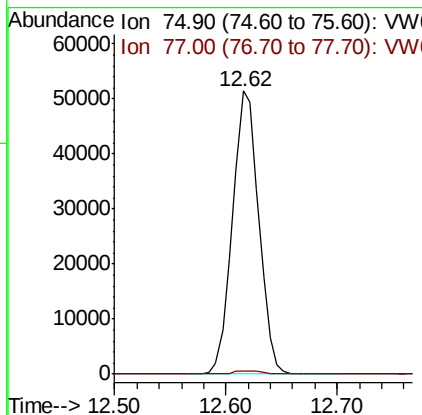
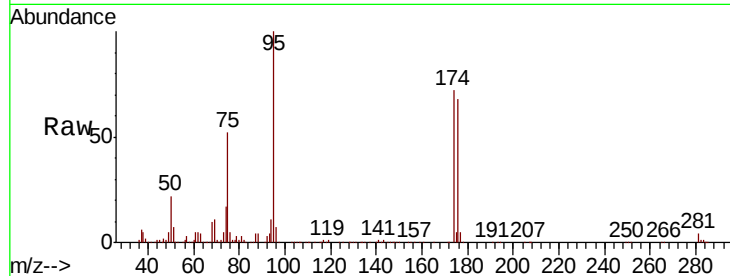


#76

1,2,3-Trichloropropane
Concen: 54.092 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Instrument :
MSVOA_W
ClientSampleId :

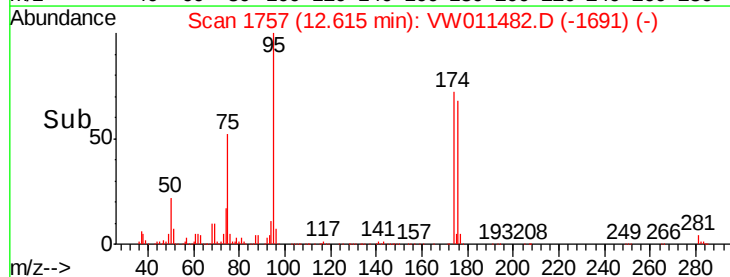
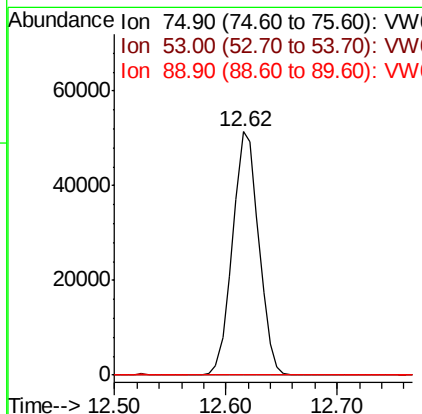
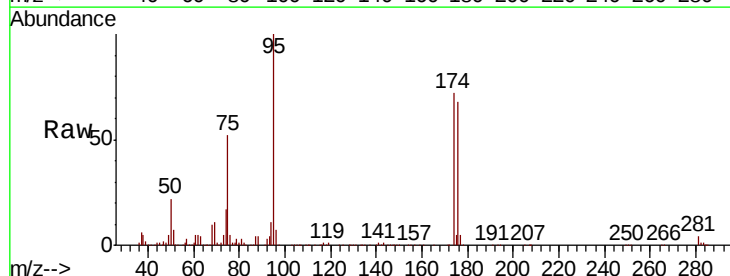
Tot Ion: 75 Resp: 84032
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

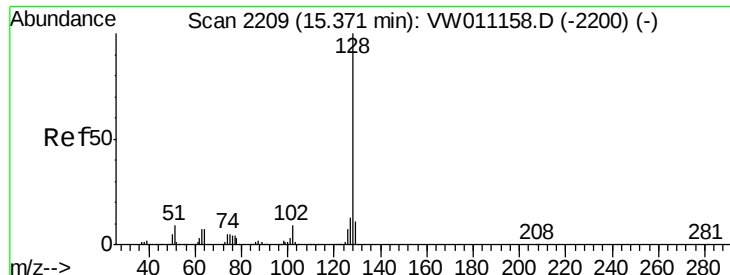


#81

trans-1,4-Dichloro-2-butene
Concen: 122.345 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Tgt Ion: 75 Resp: 84032
Ion Ratio Lower Upper
75 100
53 0.1 89.8 134.6#
89 0.0 34.3 51.5#





#95
Naphthalene
Concen: 3.085 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 16028
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 9.5 8.7 13.1

