

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011478.D
 Acq On : 24 Jul 2019 16:40
 Operator : SY/VA
 Sample : K3983-02
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:07:40 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	263880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120434	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	164455	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	7.88	113	131961	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.32	98	528167	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	153047	39.25	ug/l	0.00
Spiked Amount			Recovery	=	78.50%	

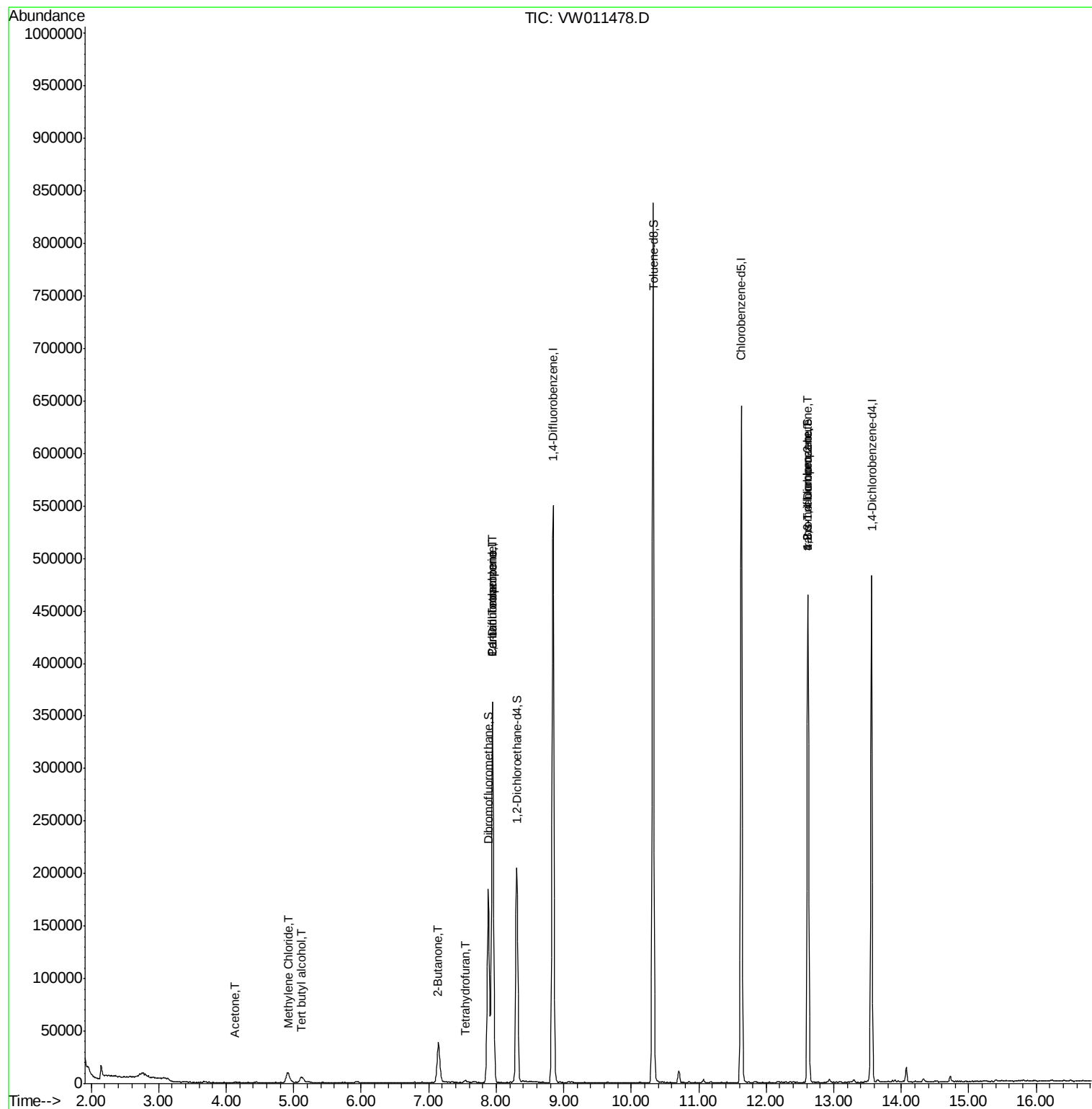
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	5436	22.144	ug/l #	70
16) Acetone	4.14	43	944	1.183	ug/l #	74
18) Methyl Acetate	4.67	43	688	Below Cal	#	57
20) Methylene Chloride	4.92	84	7386	2.347	ug/l	89
25) 2-Butanone	7.14	43	2407	1.922	ug/l #	80
29) Tetrahydrofuran	7.54	42	1517	1.847	ug/l	94
36) 1,1-Dichloropropene	7.95	75	22419	4.768	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26386	6.620	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	79008	56.768	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79008	128.399	ug/l #	5

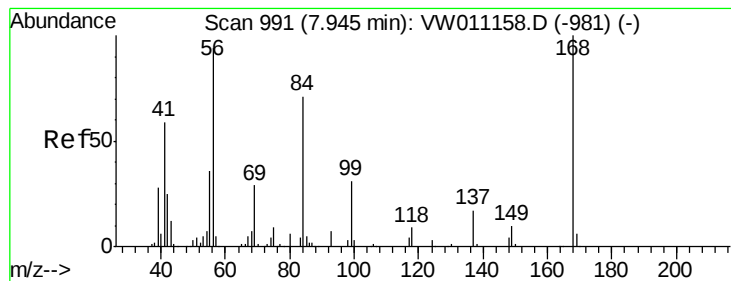
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 04:07:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
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: VW011478.D

Acq: 24 Jul 2019 16:40

Instrument :

MSVOA_W

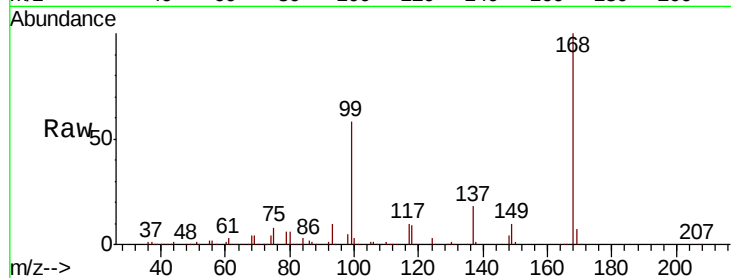
ClientSampleId :

Tot Ion:168 Resp: 263880

Ion Ratio Lower Upper

168 100

99 58.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

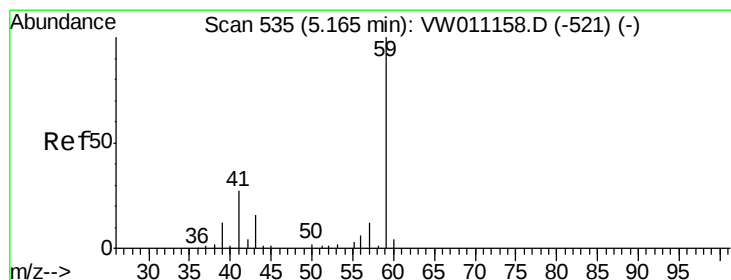
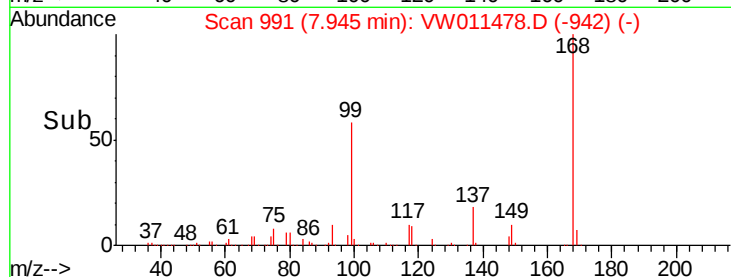
100000

50000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 22.144 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011478.D

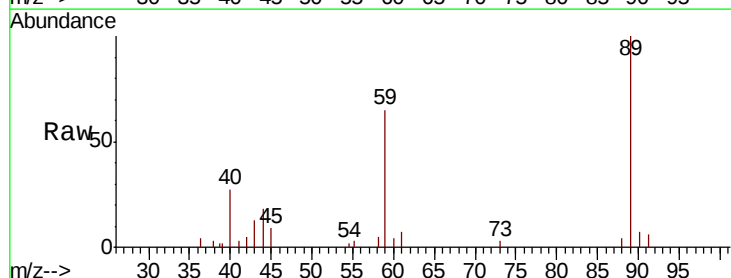
Acq: 24 Jul 2019 16:40

Tgt Ion: 59 Resp: 5436

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

5.12

1500

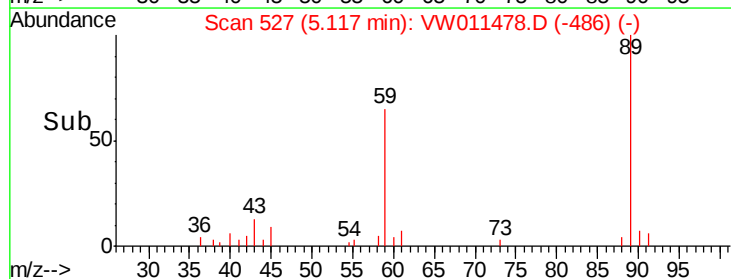
1000

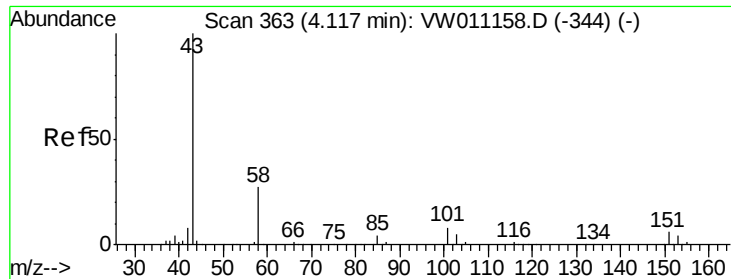
500

0

Time-->

5.00 5.10 5.20





#16

Acetone

Concen: 1.183 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011478.D

Acq: 24 Jul 2019 16:40

Instrument :

MSVOA_W

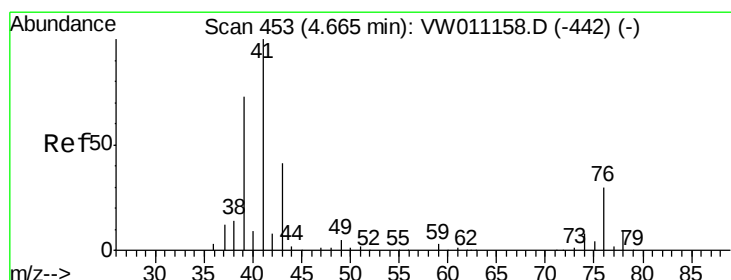
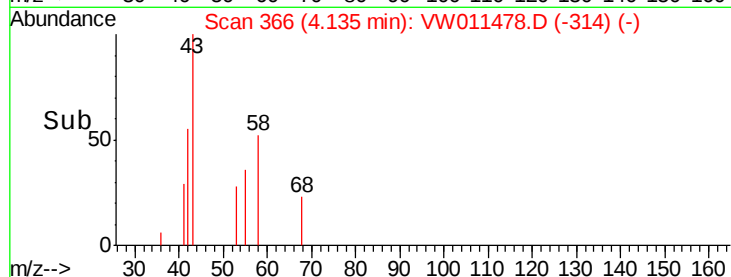
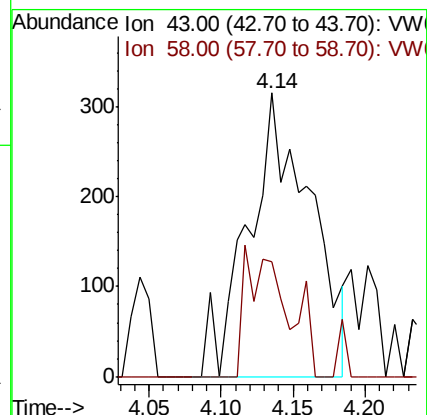
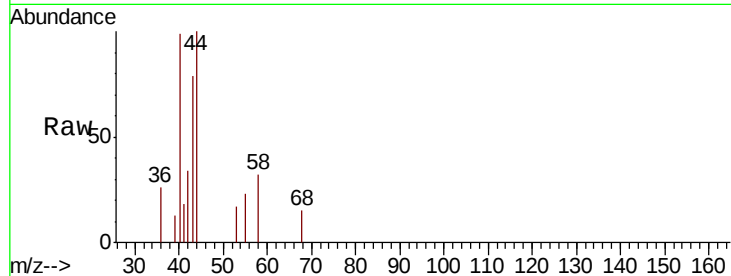
ClientSampled :

Tot Ion: 43 Resp: 944

Ion Ratio Lower Upper

43 100

58 40.6 21.8 32.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011478.D

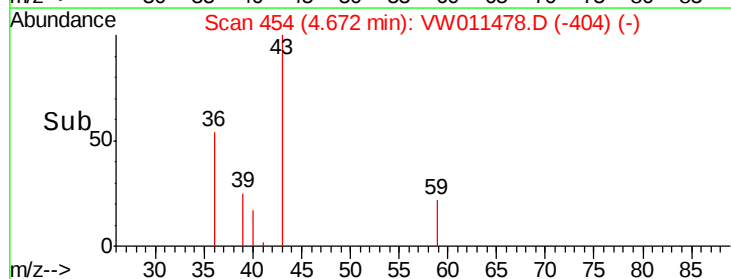
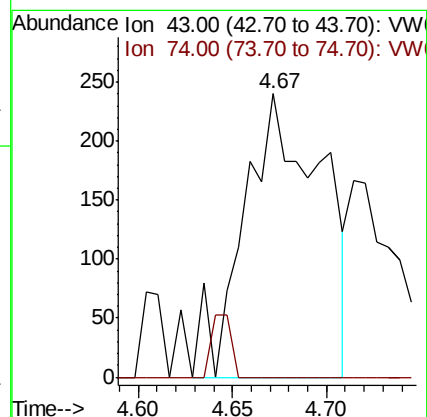
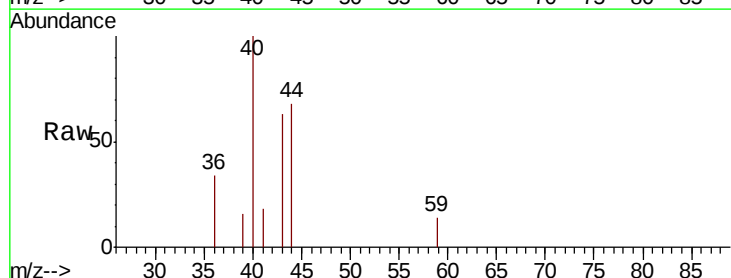
Acq: 24 Jul 2019 16:40

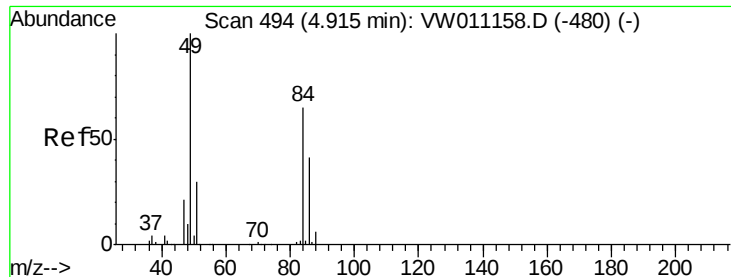
Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

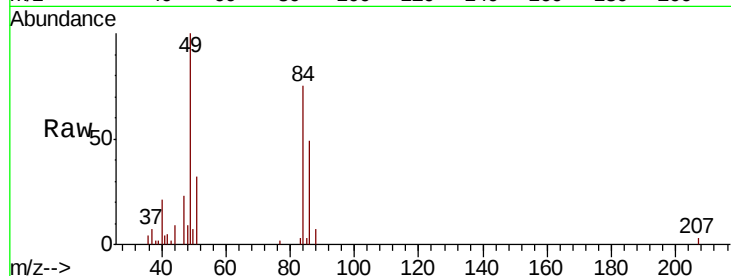




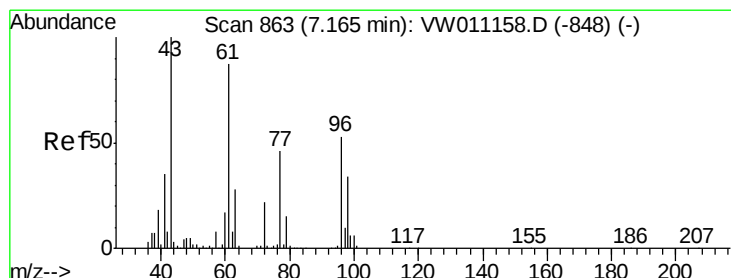
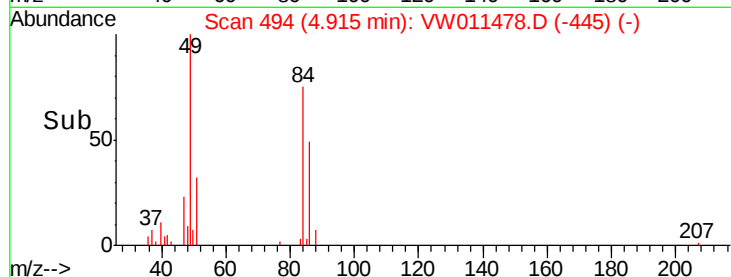
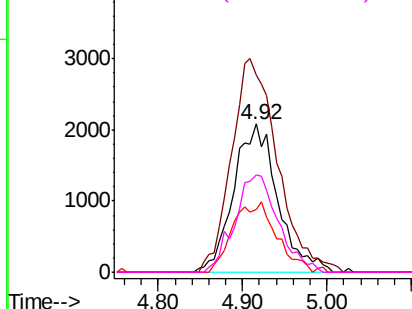
#20
Methvlene Chloride
Concen: 2.347 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 7386
Ion Ratio Lower Upper
84 100
49 133.5 123.8 185.6
51 42.4 37.4 56.2
86 65.7 51.1 76.7

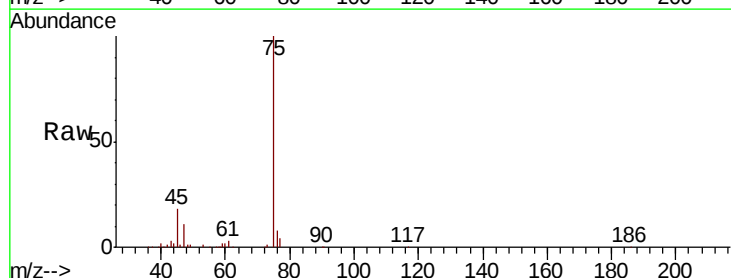


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

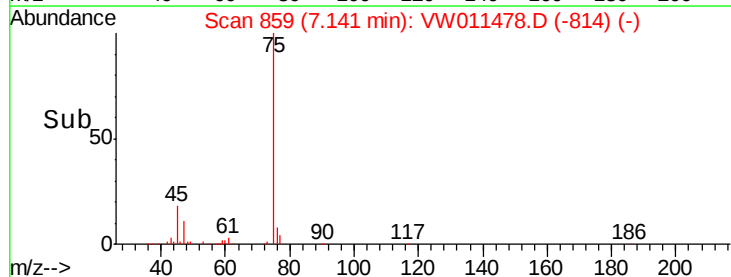
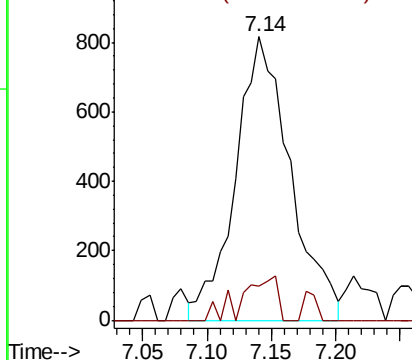


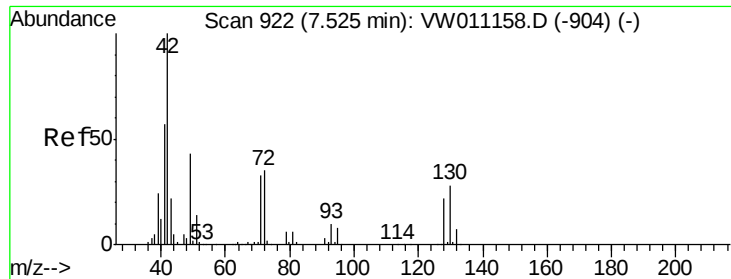
#25
2-Butanone
Concen: 1.922 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
72 12.5 17.6 26.4#



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

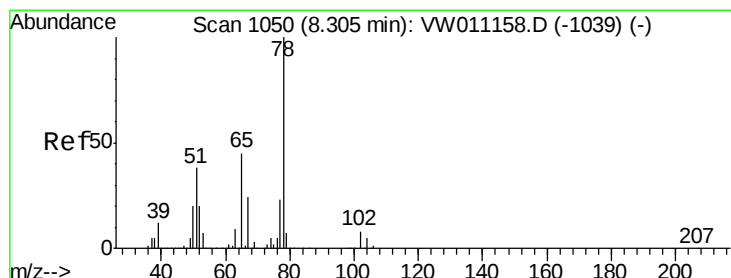
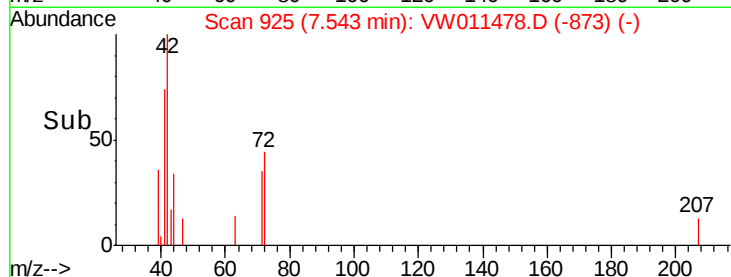
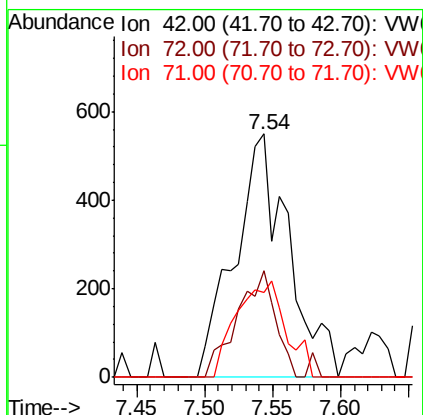
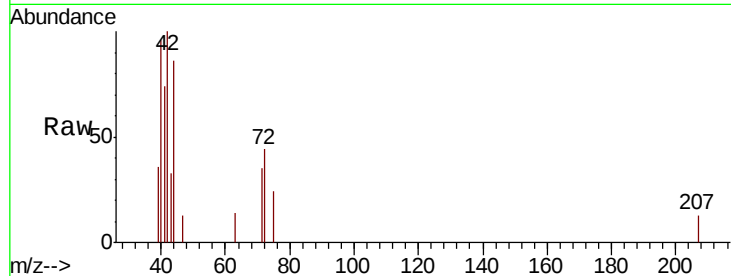




#29
Tetrahydrofuran
Concen: 1.847 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

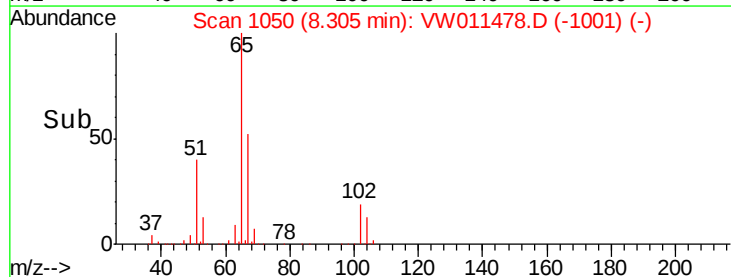
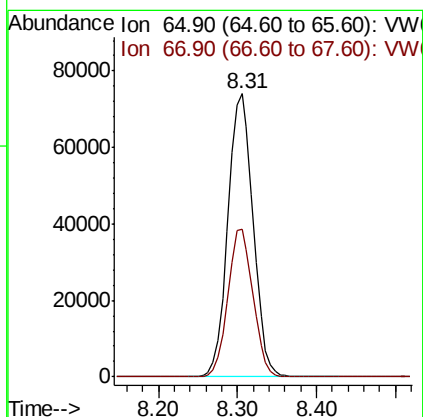
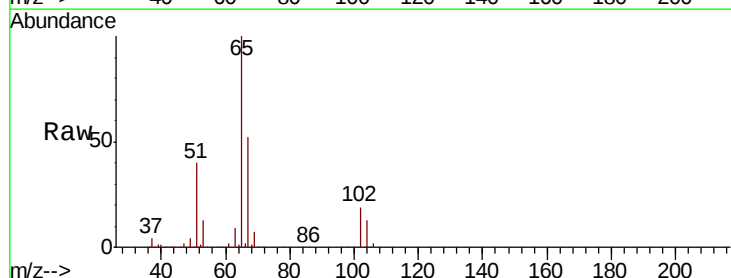
Instrument :
MSVOA_W
ClientSampled :

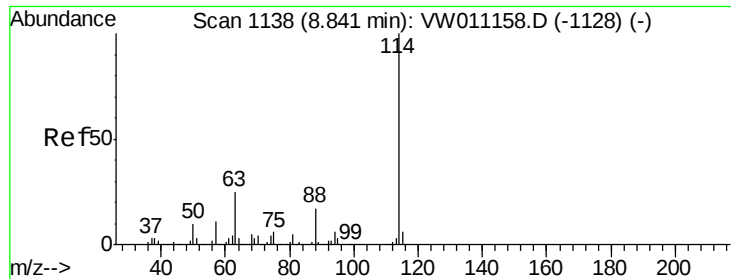
Tot Ion: 42 Resp: 1517
Ion Ratio Lower Upper
42 100
72 31.4 27.4 41.2
71 36.3 25.9 38.9



#33
1,2-Dichloroethane-d4
Concen: 49.598 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion: 65 Resp: 164455
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4

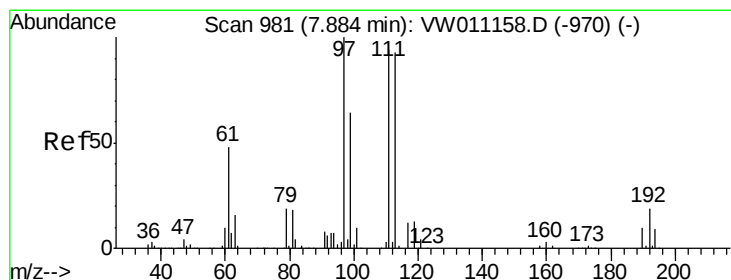
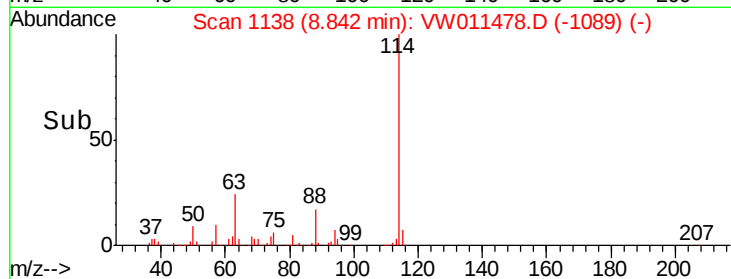
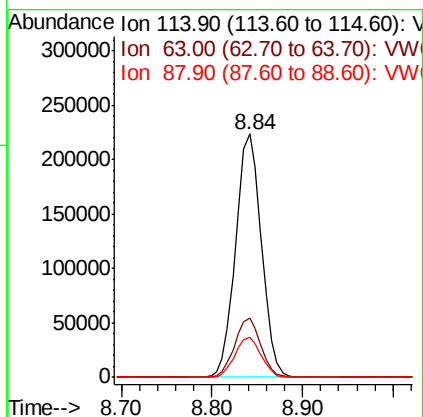
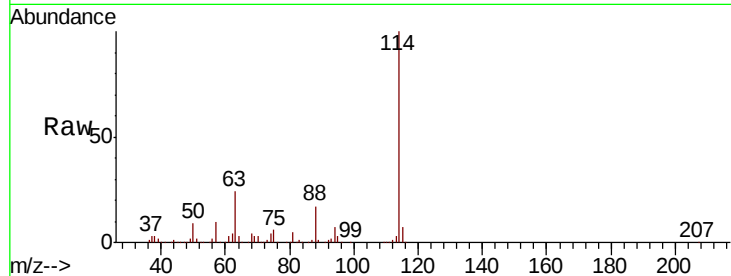




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

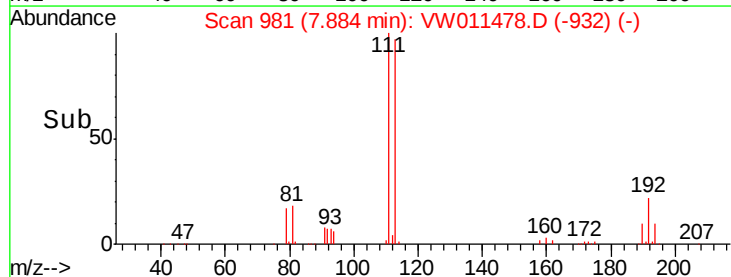
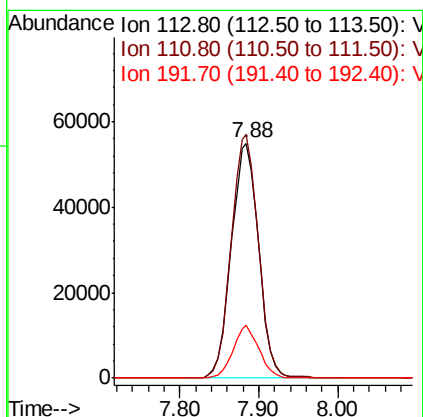
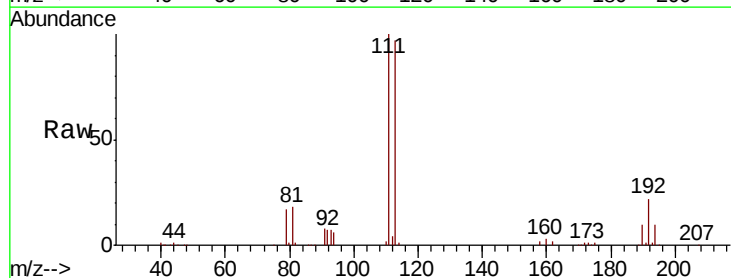
Instrument :
 MSVOA_W
 ClientSampled :

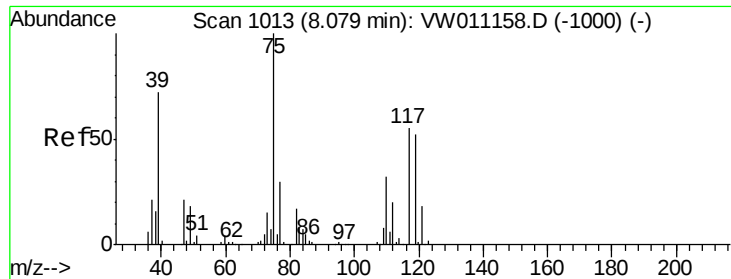
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	50.8
88	16.6	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 50.143 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	21.1	15.8	23.8

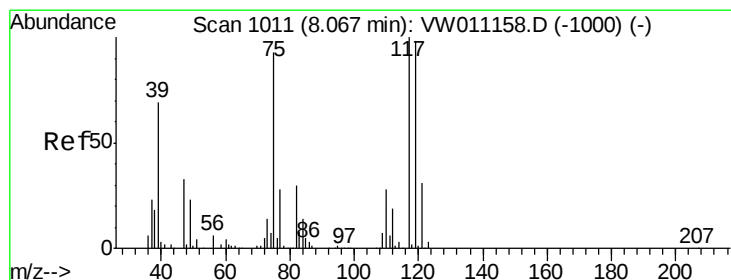
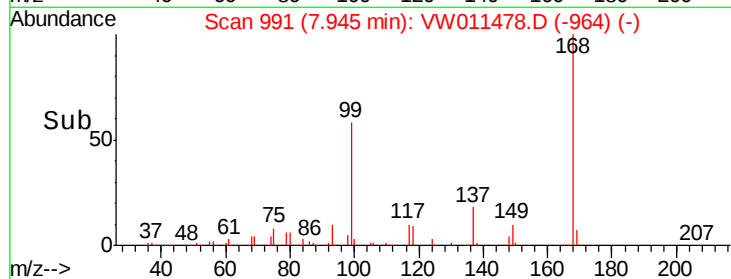
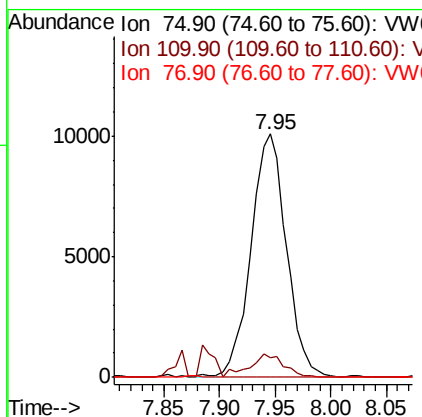
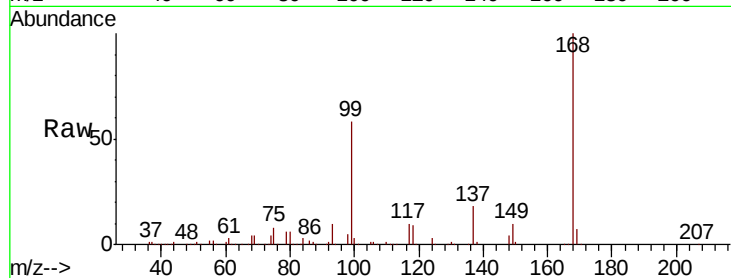




#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

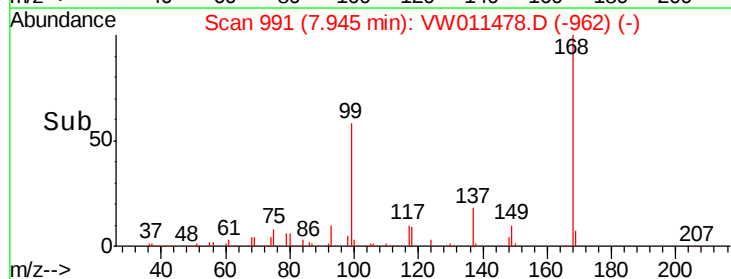
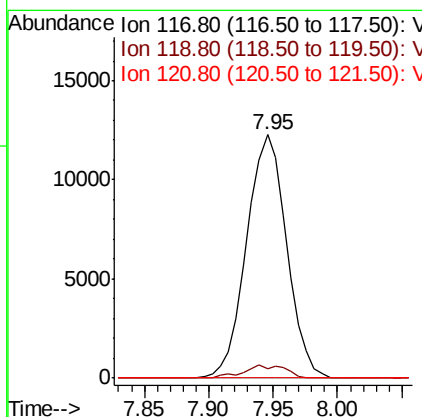
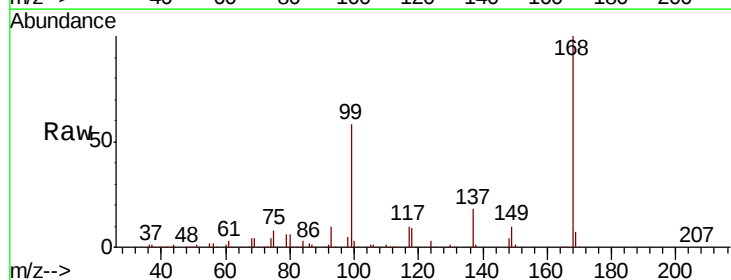
Instrument :
 MSVOA_W
 ClientSampled :

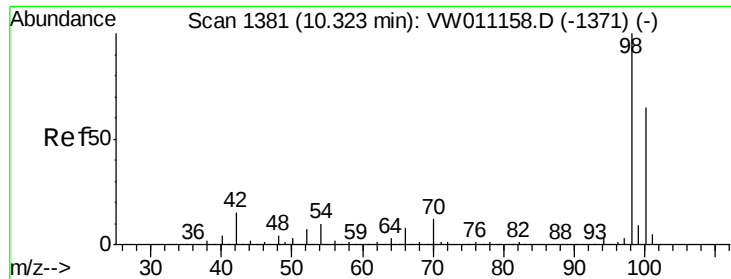
Tot Ion	75	Resp	22419
Ion Ratio	Lower	Upper	
75	100		
110	8.3	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.620 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

Tgt Ion	117	Resp	26386
Ion Ratio	Lower	Upper	
117	100		
119	4.0	78.1	117.1#
121	0.0	25.1	37.7#

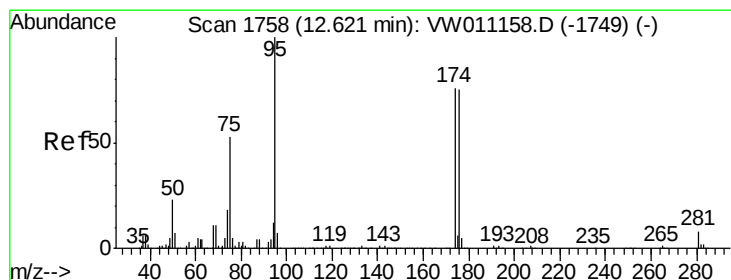
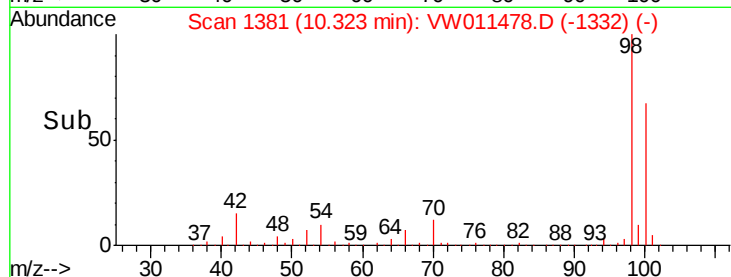
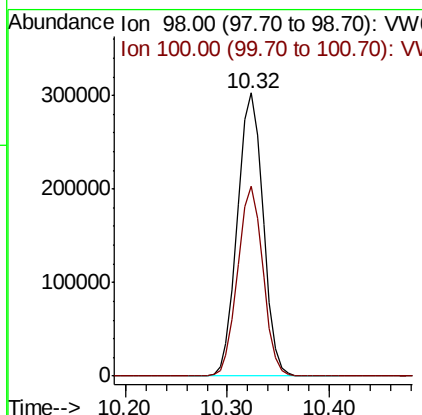
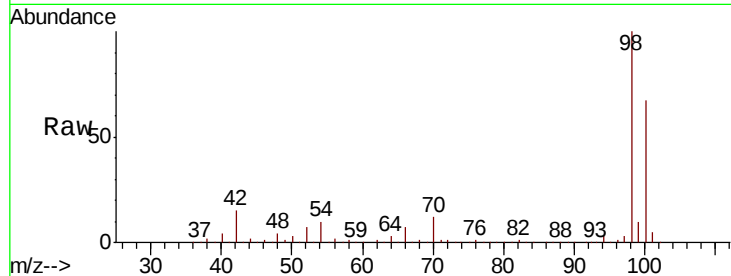




#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

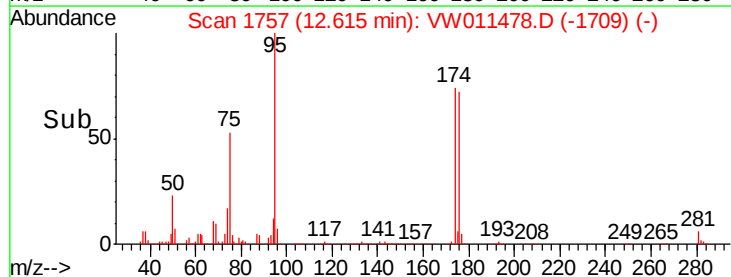
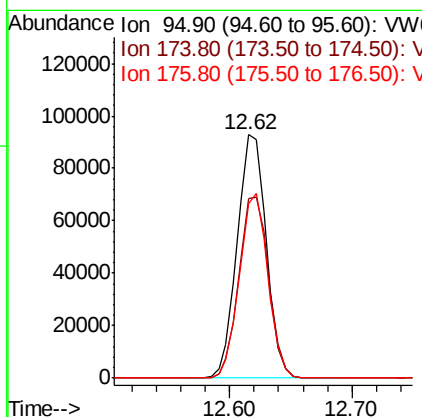
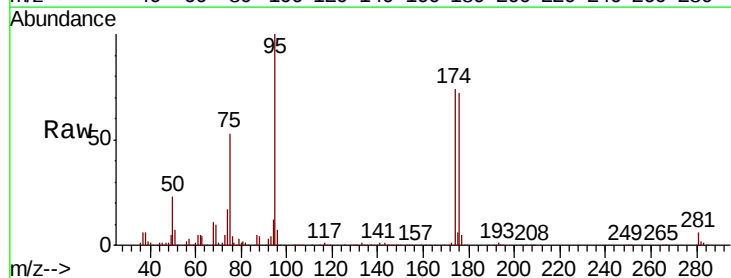
Instrument :
MSVOA_W
ClientSampleId :

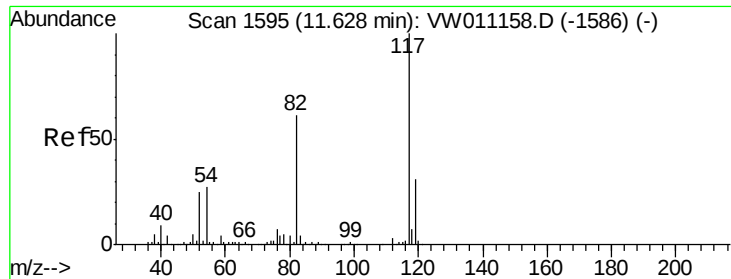
Tot Ion: 98 Resp: 528167
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.252 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion: 95 Resp: 153047
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.6
176 74.3 0.0 144.6

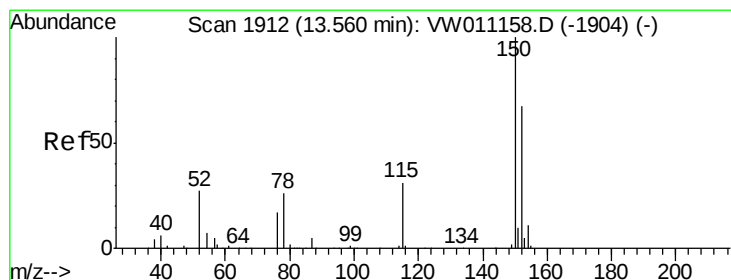
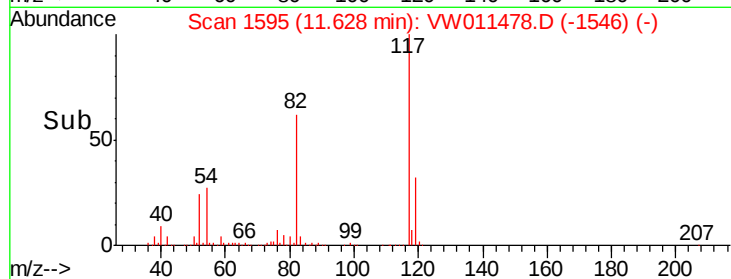
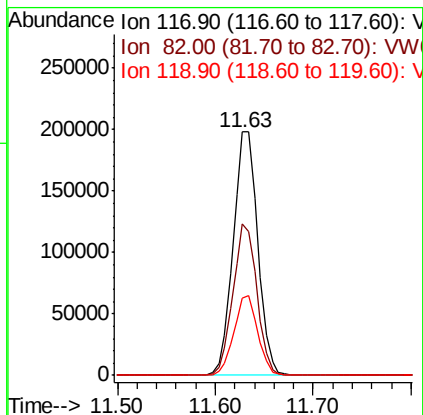
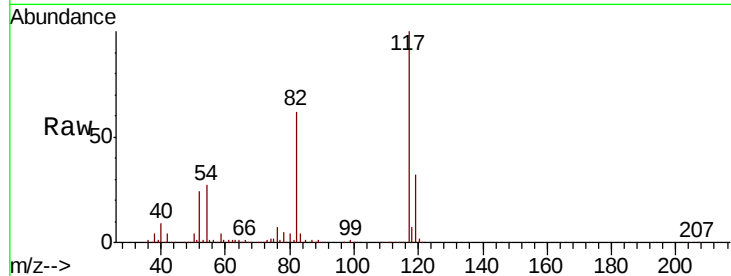




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

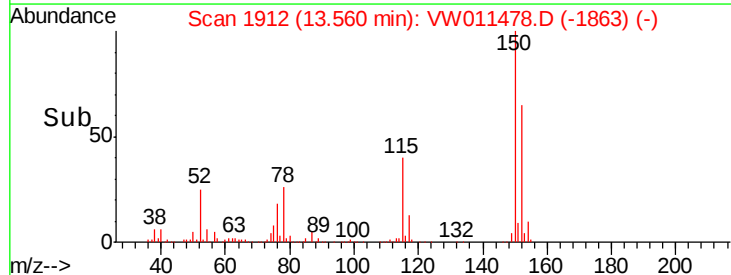
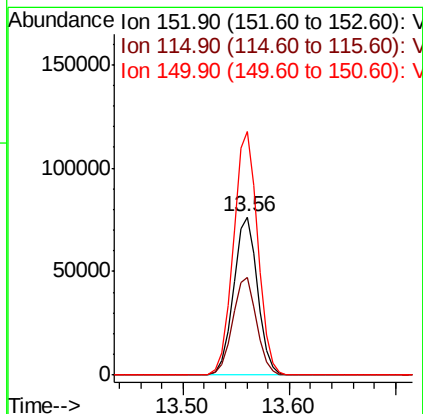
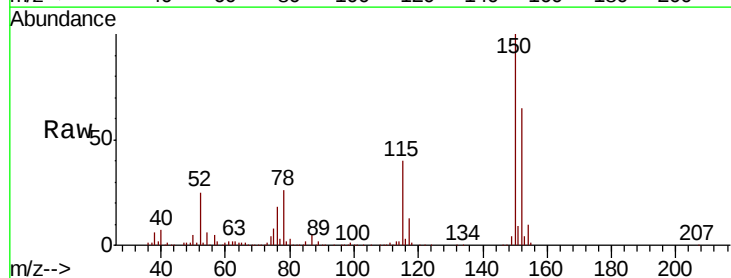
Instrument :
MSVOA_W
ClientSampled :

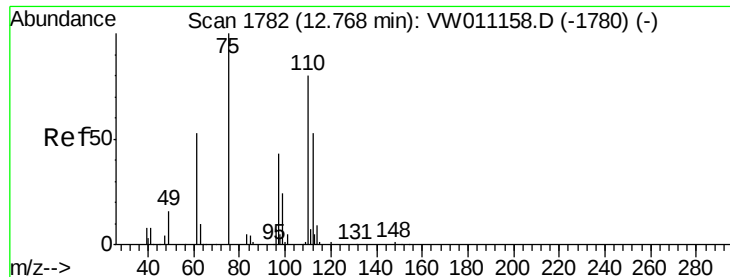
Tot Ion:117 Resp: 344186
Ion Ratio Lower Upper
117 100
82 62.0 48.9 73.3
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion:152 Resp: 120434
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 156.2 0.0 346.0

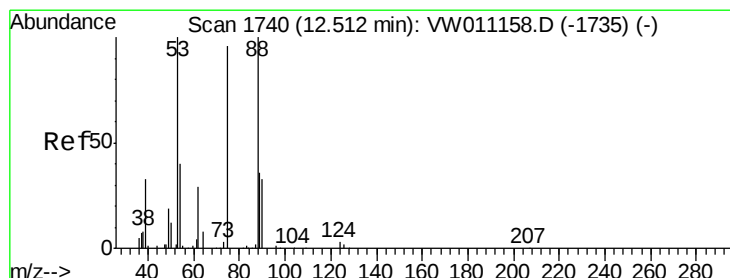
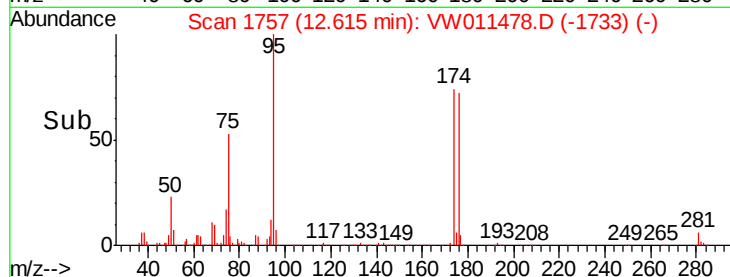
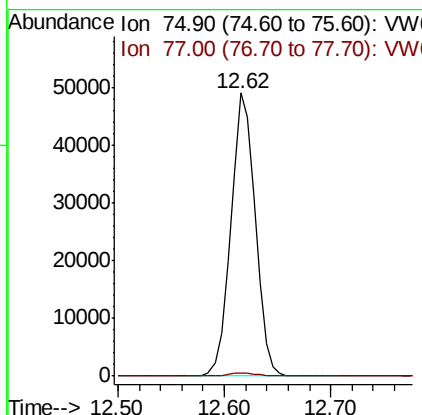
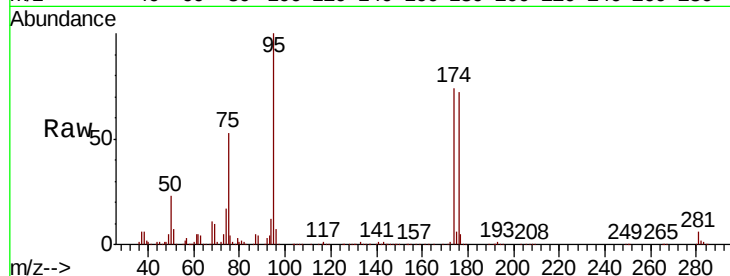




#76
 1,2,3-Trichloropropane
 Concen: 56.768 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 79008
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.399 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011478.D
 Acq: 24 Jul 2019 16:40

Tgt Ion: 75 Resp: 79008
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.8 134.6#
 89 0.0 34.3 51.5#

