

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013279.D
 Acq On : 24 Sep 2019 16:30
 Operator : SY/VA
 Sample : K5020-01
 Misc : 4.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3860

Quant Time: Sep 25 07:12:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

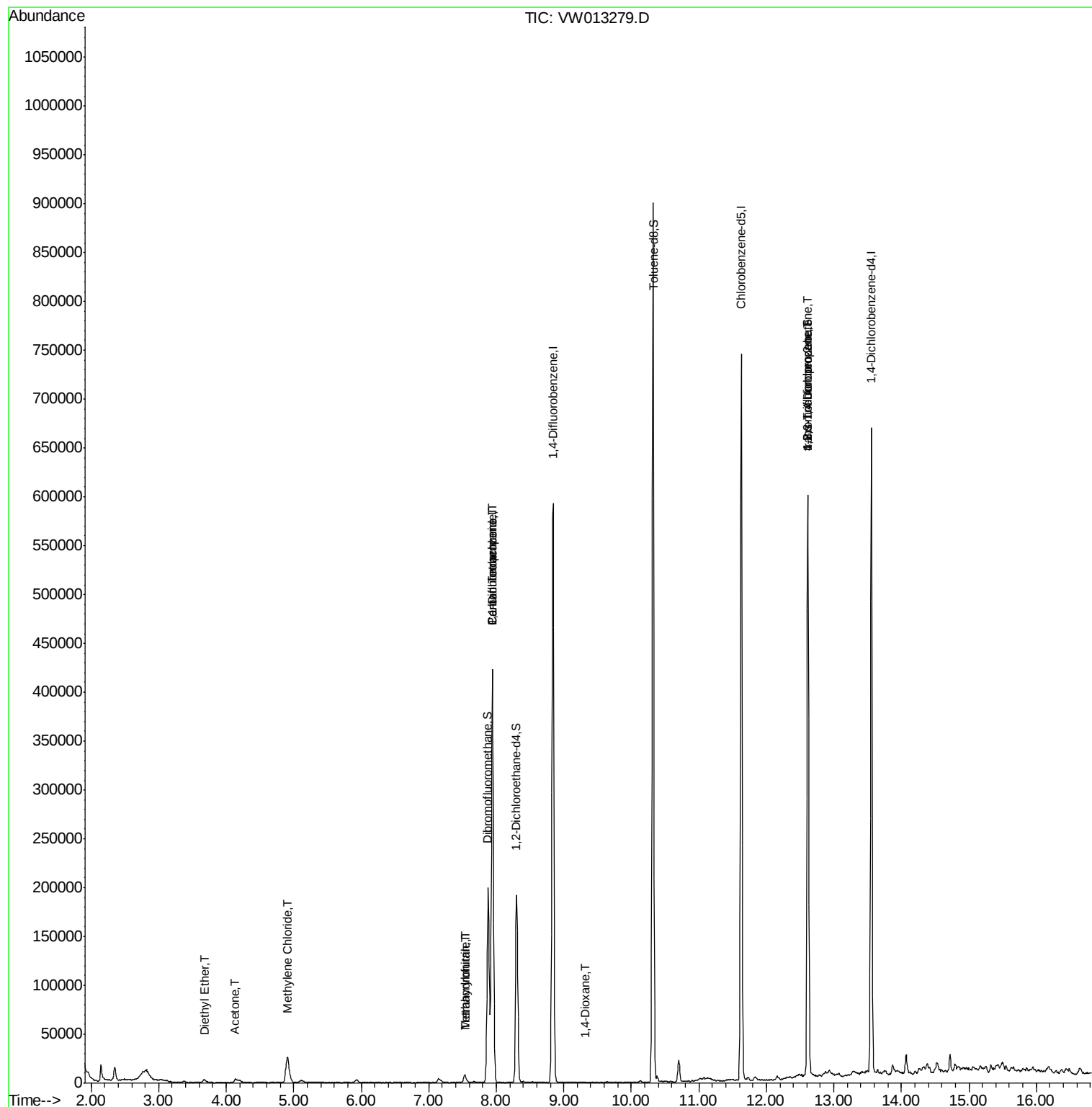
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	528194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150602	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.88	113	146934	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.32	98	614727	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	191304	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	1934	1.155	ug/l	93
11) Tert butyl alcohol	5.18	59	175	Below Cal	#	73
16) Acetone	4.14	43	6987	10.676	ug/l	99
20) Methylene Chloride	4.92	84	22945	4.194	ug/l #	93
26) 2,2-Dichloropropane	7.13	77	207	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	7285	12.091	ug/l	96
36) 1,1-Dichloropropene	7.94	75	22646	4.427	ug/l #	48
38) Carbon Tetrachloride	7.94	117	30113	6.566	ug/l #	17
41) Methacrylonitrile	7.53	41	4011	3.091	ug/l #	45
49) 1,4-Dioxane	9.32	88	33	1.300	ug/l #	8
76) 1,2,3-Trichloropropane	12.62	75	89614	53.833	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89614	120.796	ug/l #	12

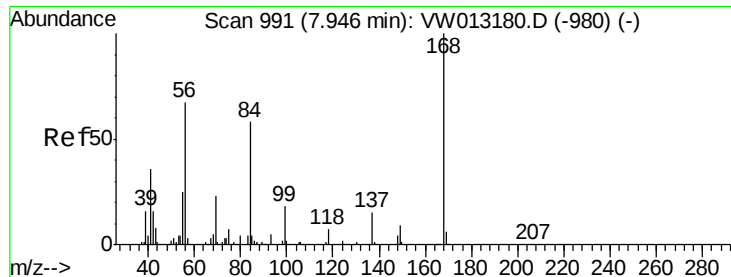
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
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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: VW013279.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

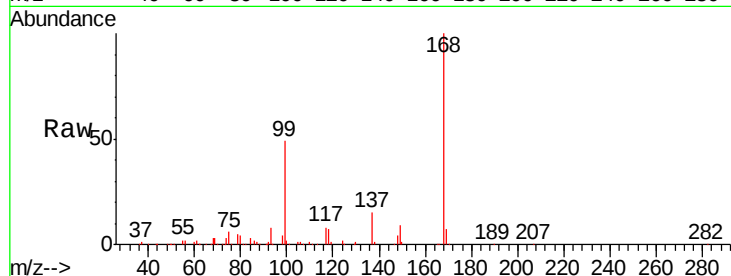
RT-3860

Tgt Ion:168 Resp: 355597

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

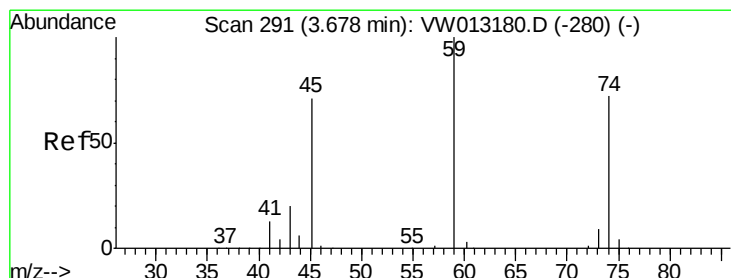
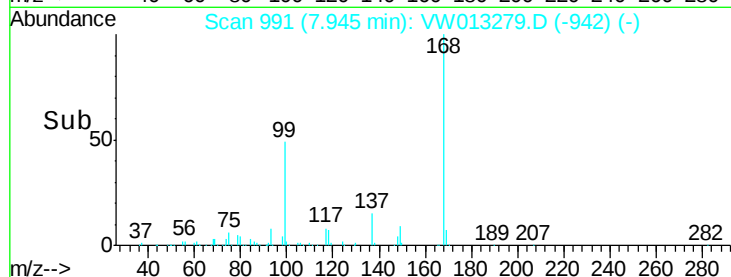
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.155 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW013279.D

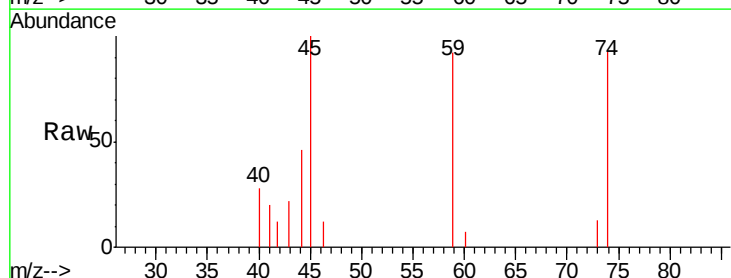
Acq: 24 Sep 2019 16:30

Tgt Ion: 74 Resp: 1934

Ion Ratio Lower Upper

74 100

45 92.5 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

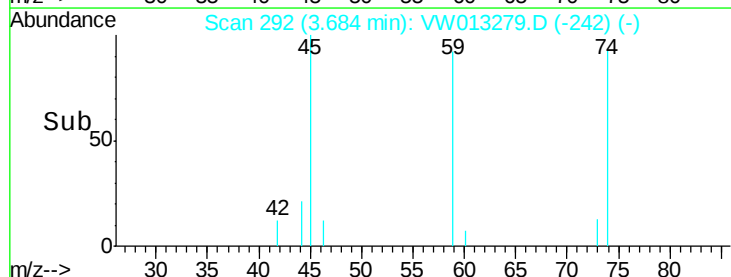
600

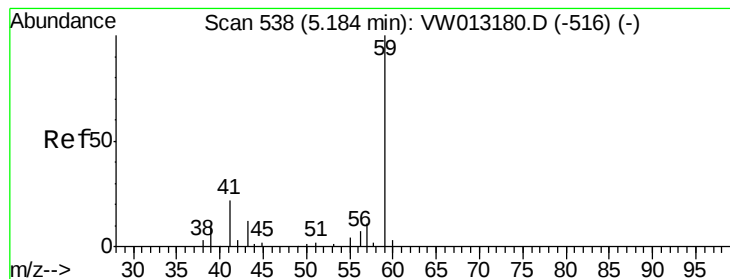
400

200

0

Time-->



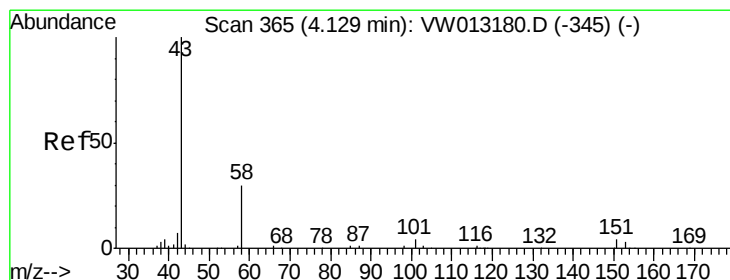
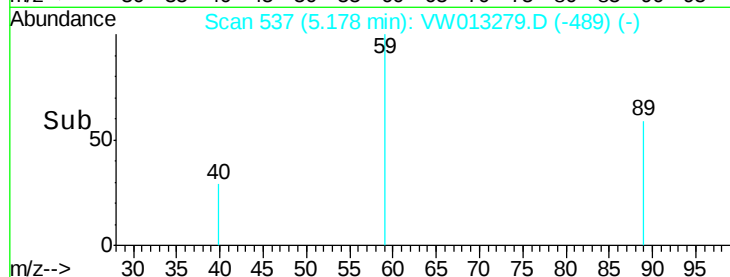
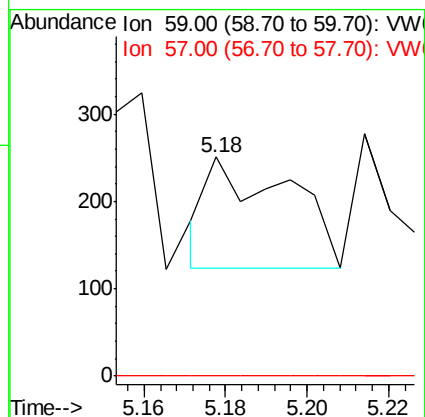
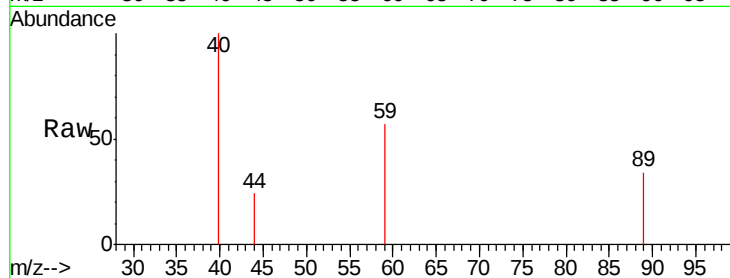


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Instrument :
 MSVOA_W
 ClientSampled :
 RT-3860

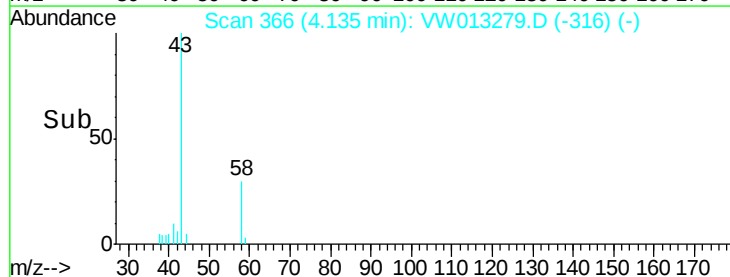
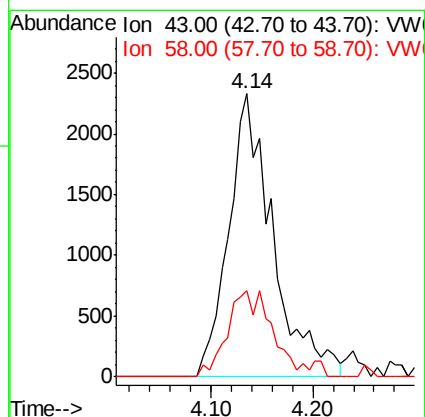
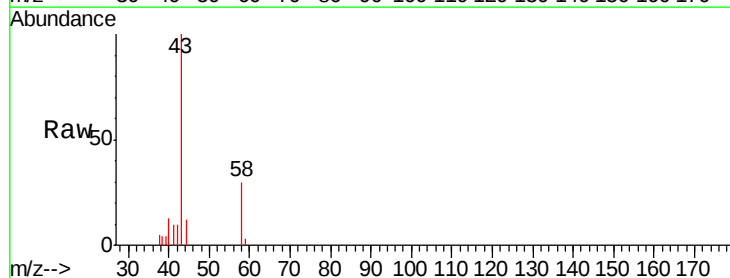
Tgt Ion: 59 Resp: 175
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

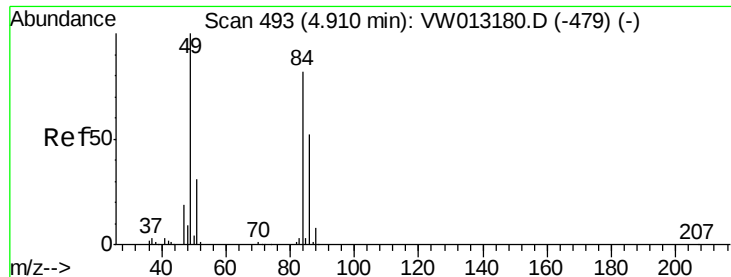


#16

Acetone
 Concen: 10.676 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Tgt Ion: 43 Resp: 6987
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.1 36.1





#20

Methylene Chloride

Concen: 4.194 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW013279.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3860

Tgt Ion: 84 Resp: 22945

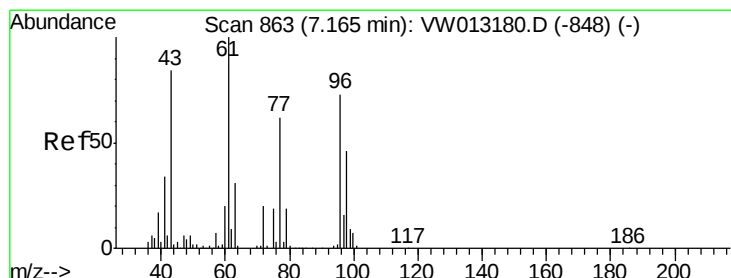
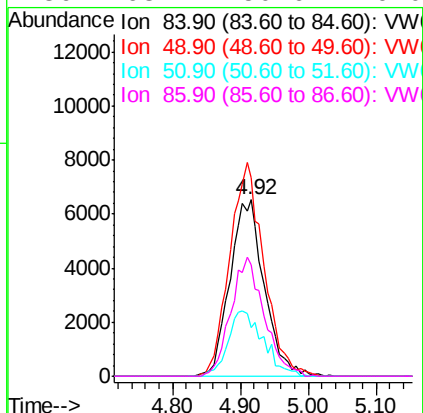
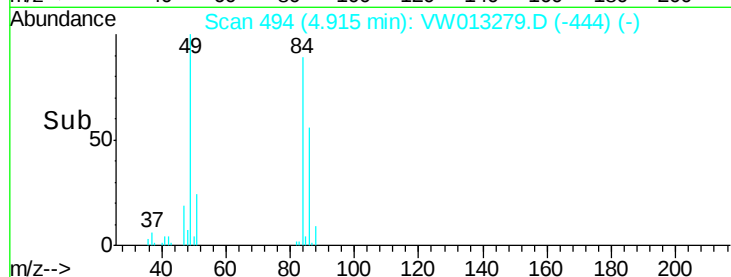
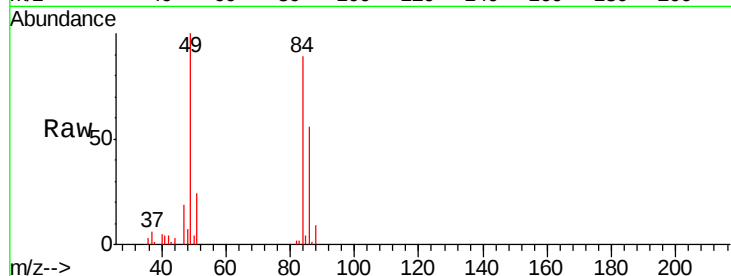
Ion Ratio Lower Upper

84 100

49 112.9 97.6 146.4

51 27.3 30.2 45.2#

86 63.1 50.6 76.0



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013279.D

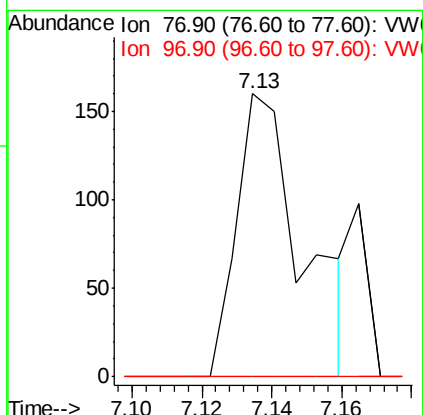
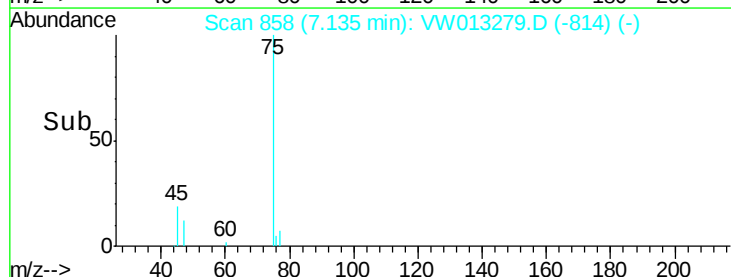
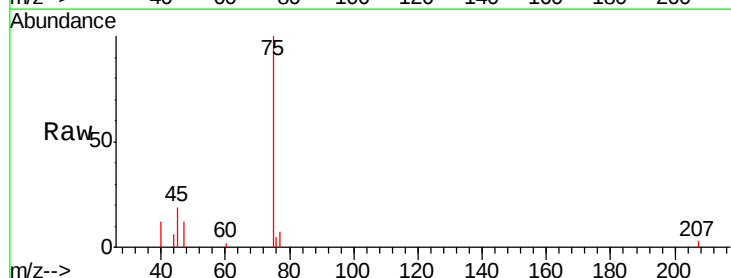
Acq: 24 Sep 2019 16:30

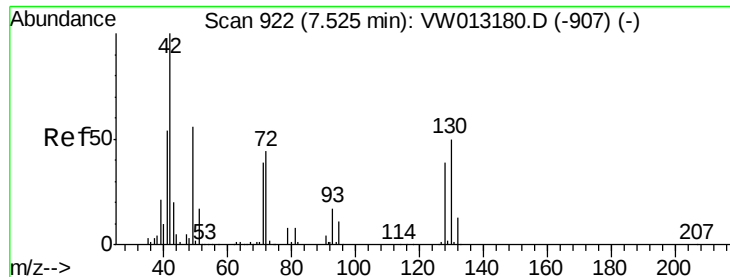
Tgt Ion: 77 Resp: 207

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

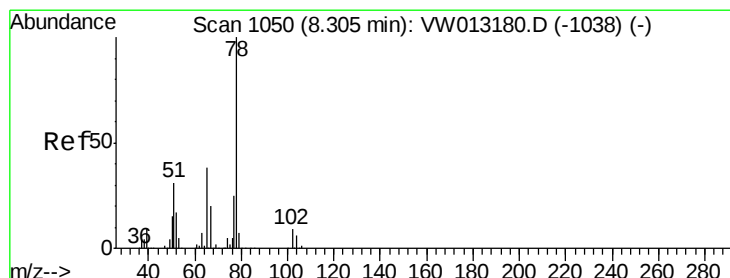
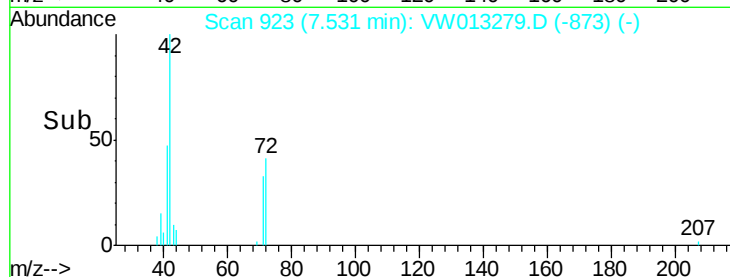
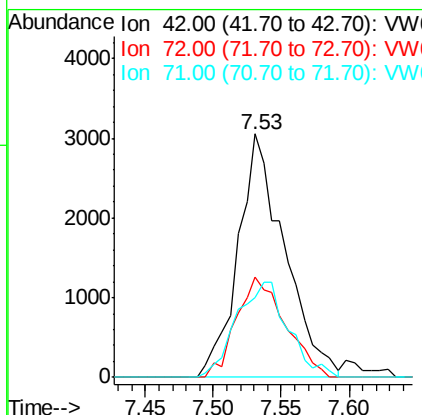
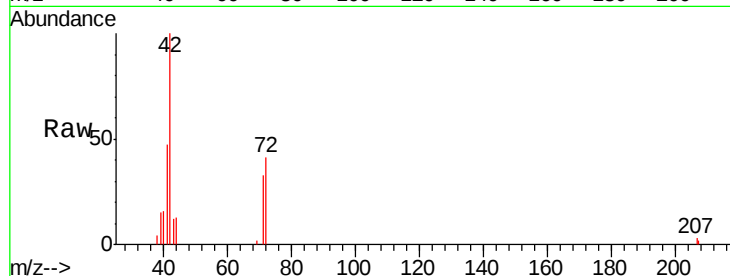




#29
Tetrahydrofuran
Concen: 12.091 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

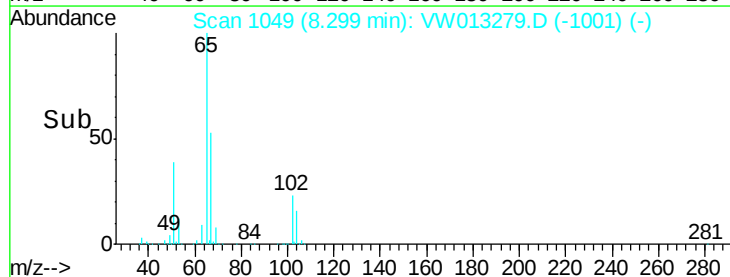
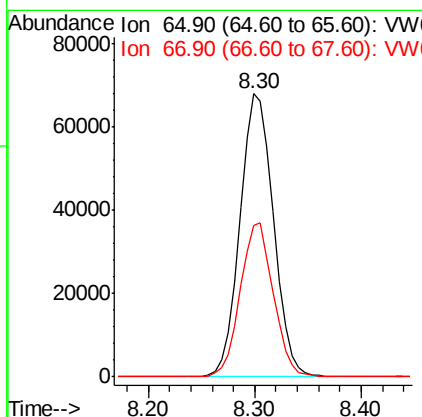
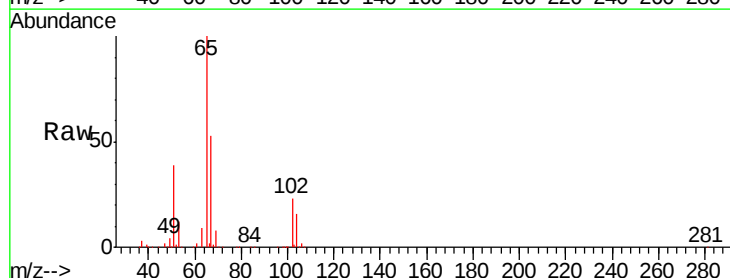
Instrument :
MSVOA_W
ClientSampled :
RT-3860

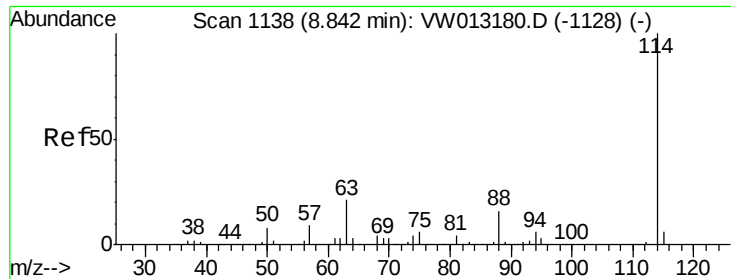
Tgt Ion: 42 Resp: 7285
Ion Ratio Lower Upper
42 100
72 43.2 33.9 50.9
71 43.5 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 51.893 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Tgt Ion: 65 Resp: 150602
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.2

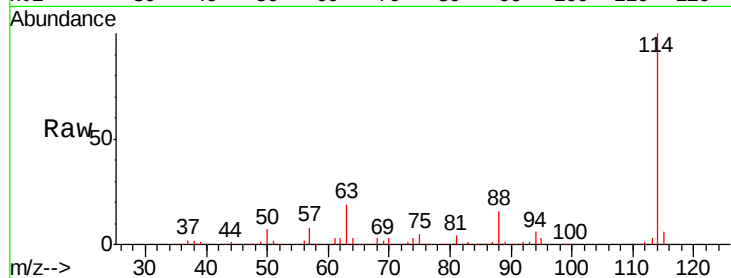




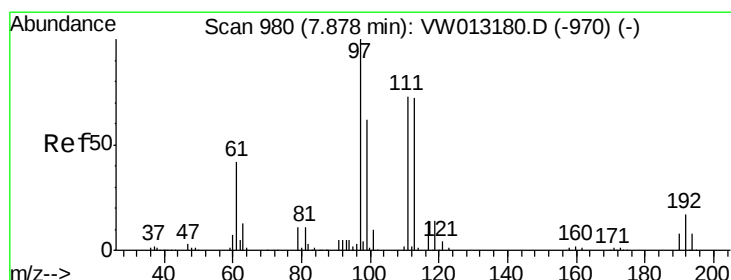
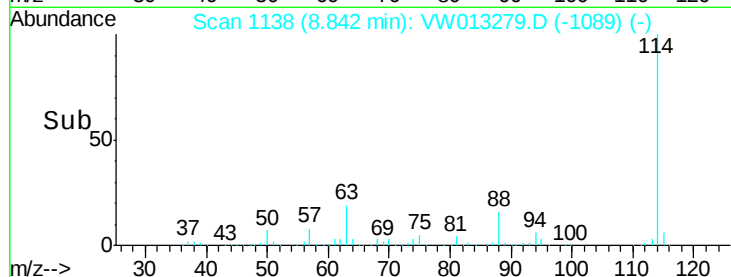
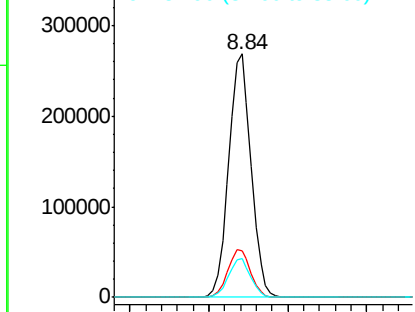
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3860

Tgt Ion:114 Resp: 528194
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.8 0.0 32.0

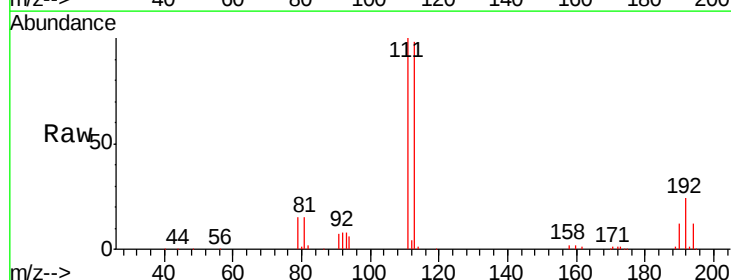


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

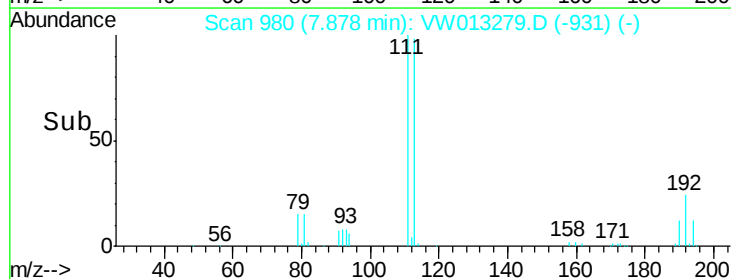
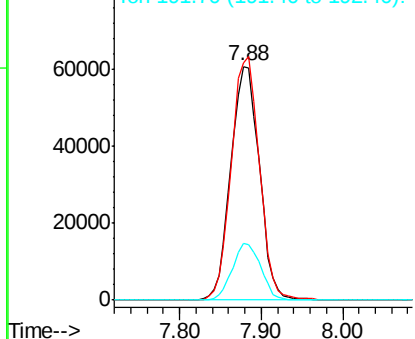


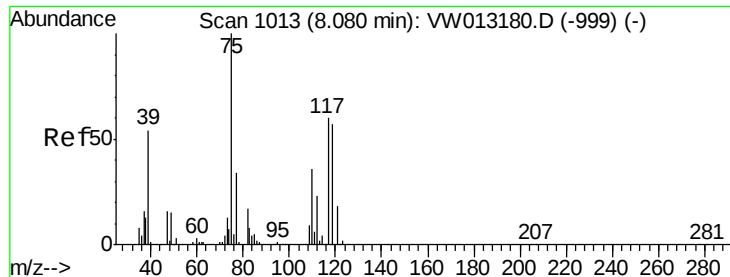
#35
 Dibromofluoromethane
 Concen: 50.578 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Tgt Ion:113 Resp: 146934
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 24.0 19.1 28.7



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: 4.427 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013279.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

RT-3860

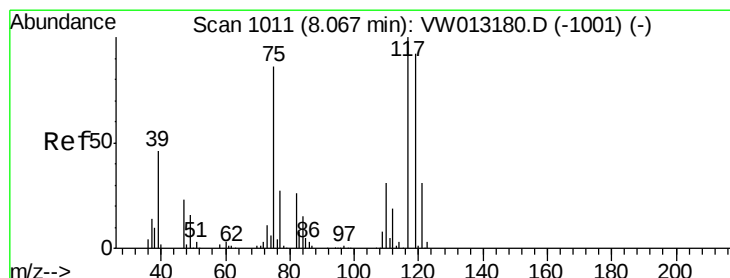
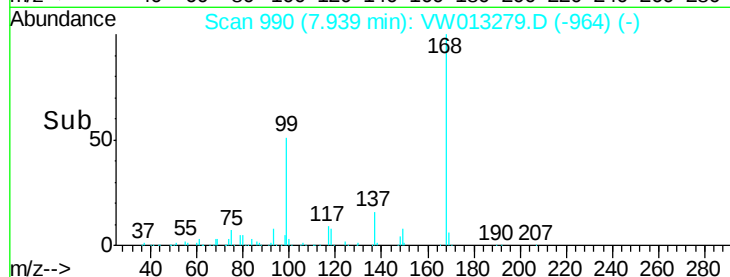
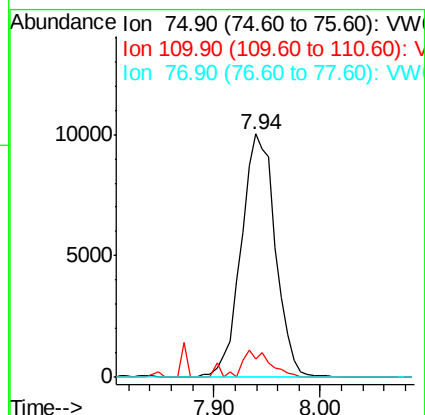
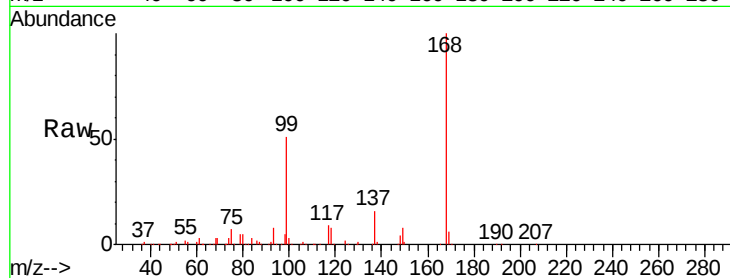
Tgt Ion: 75 Resp: 22646

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.3#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.566 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013279.D

Acq: 24 Sep 2019 16:30

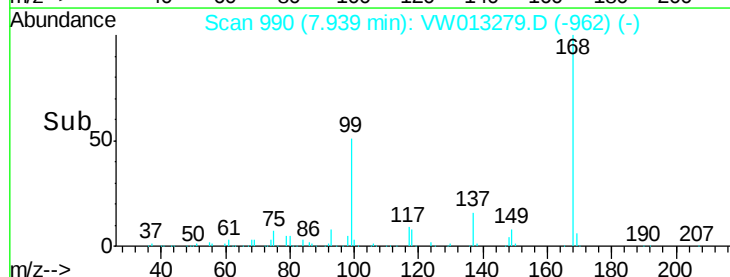
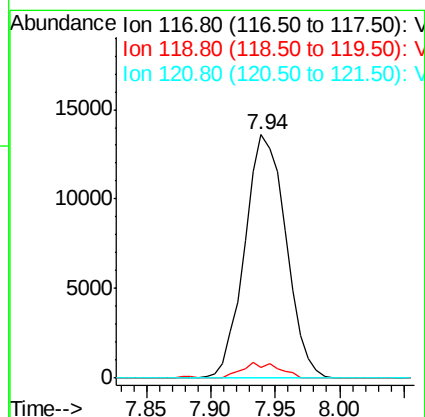
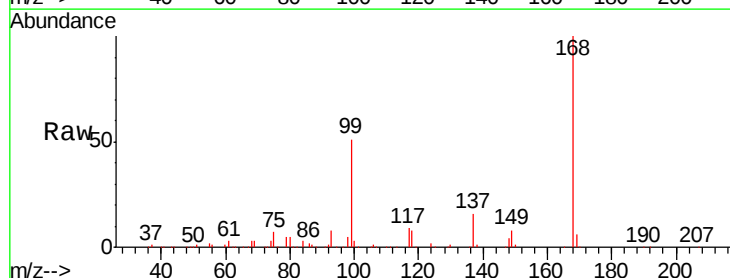
Tgt Ion: 117 Resp: 30113

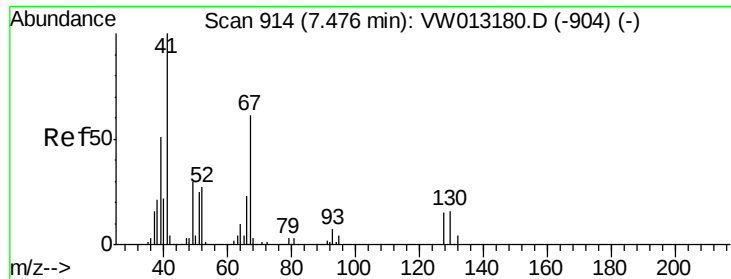
Ion Ratio Lower Upper

117 100

119 4.3 73.5 110.3#

121 0.0 25.0 37.6#

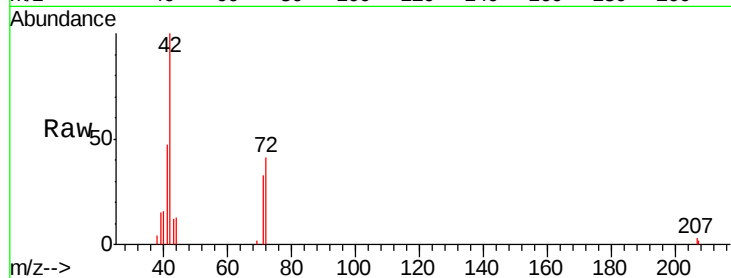




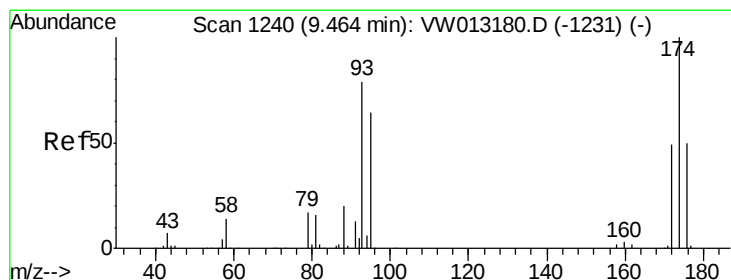
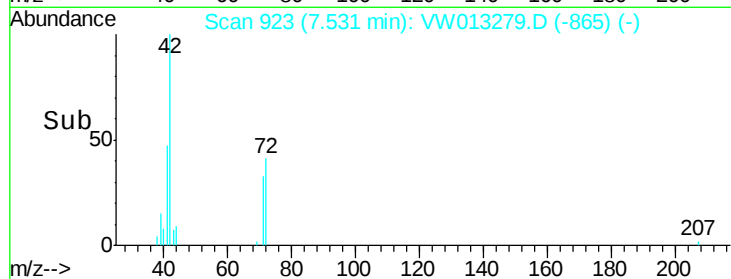
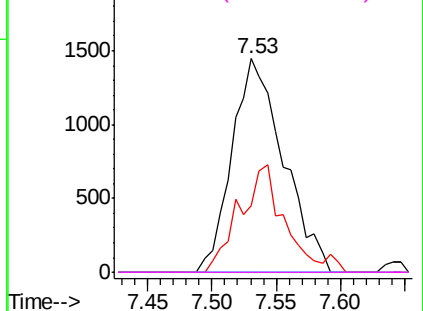
#41
Methacrylonitrile
Concen: 3.091 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Instrument :
MSVOA_W
ClientSampled :
RT-3860

Tgt Ion: 41 Resp: 4011
Ion Ratio Lower Upper
41 100
39 42.6 45.9 68.9#
67 0.0 54.5 81.7#
52 0.0 22.5 33.7#

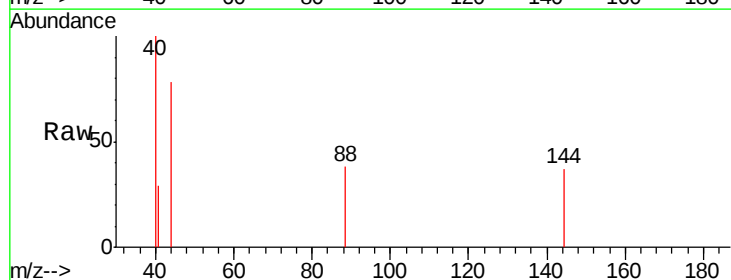


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

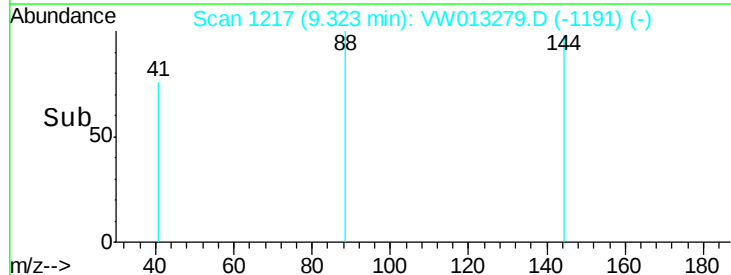
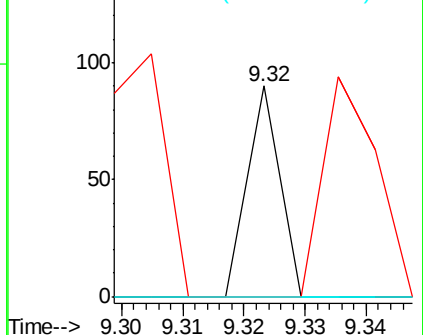


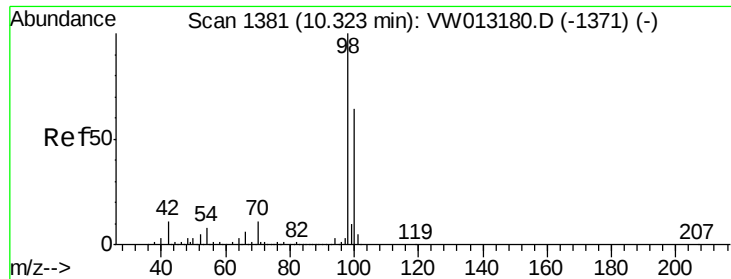
#49
1,4-Dioxane
Concen: 1.300 ug/l
RT: 9.32 min Scan# 1217
Delta R.T. -0.14 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 172.7 0.0 0.0#
58 0.0 65.4 98.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

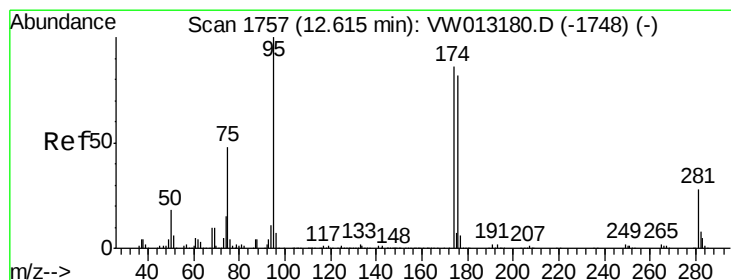
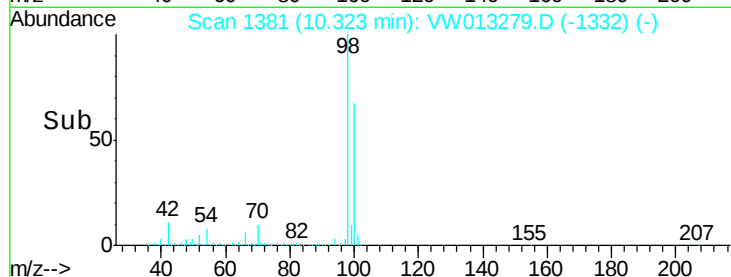
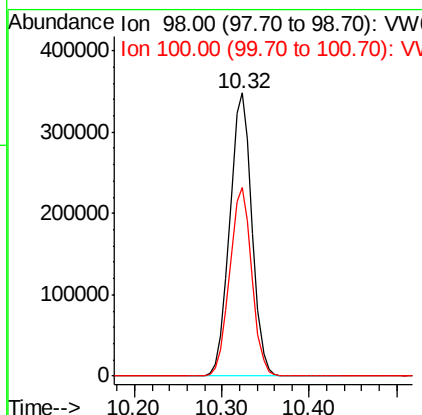
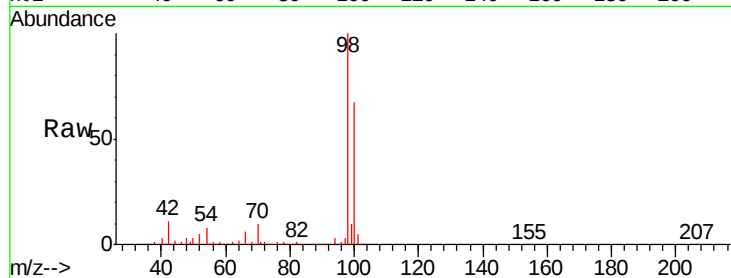




#50
Toluene-d8
Concen: 50.561 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Instrument :
MSVOA_W
ClientSampleId :
RT-3860

Tgt Ion: 98 Resp: 614727
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Tgt Ion: 95 Resp: 191304
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.4
176 85.3 0.0 172.2

