

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005990.D
 Acq On : 10 Oct 2018 16:03
 Operator : SY/AP
 Sample : J5306-05RE
 Misc : 6.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-26-V

Quant Time: Oct 10 16:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	324933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144290	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	102180	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.88	113	97914	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	10.33	98	362077	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.62	95	125748	41.41	ug/l	0.00
Spiked Amount			Recovery	=	82.82%	

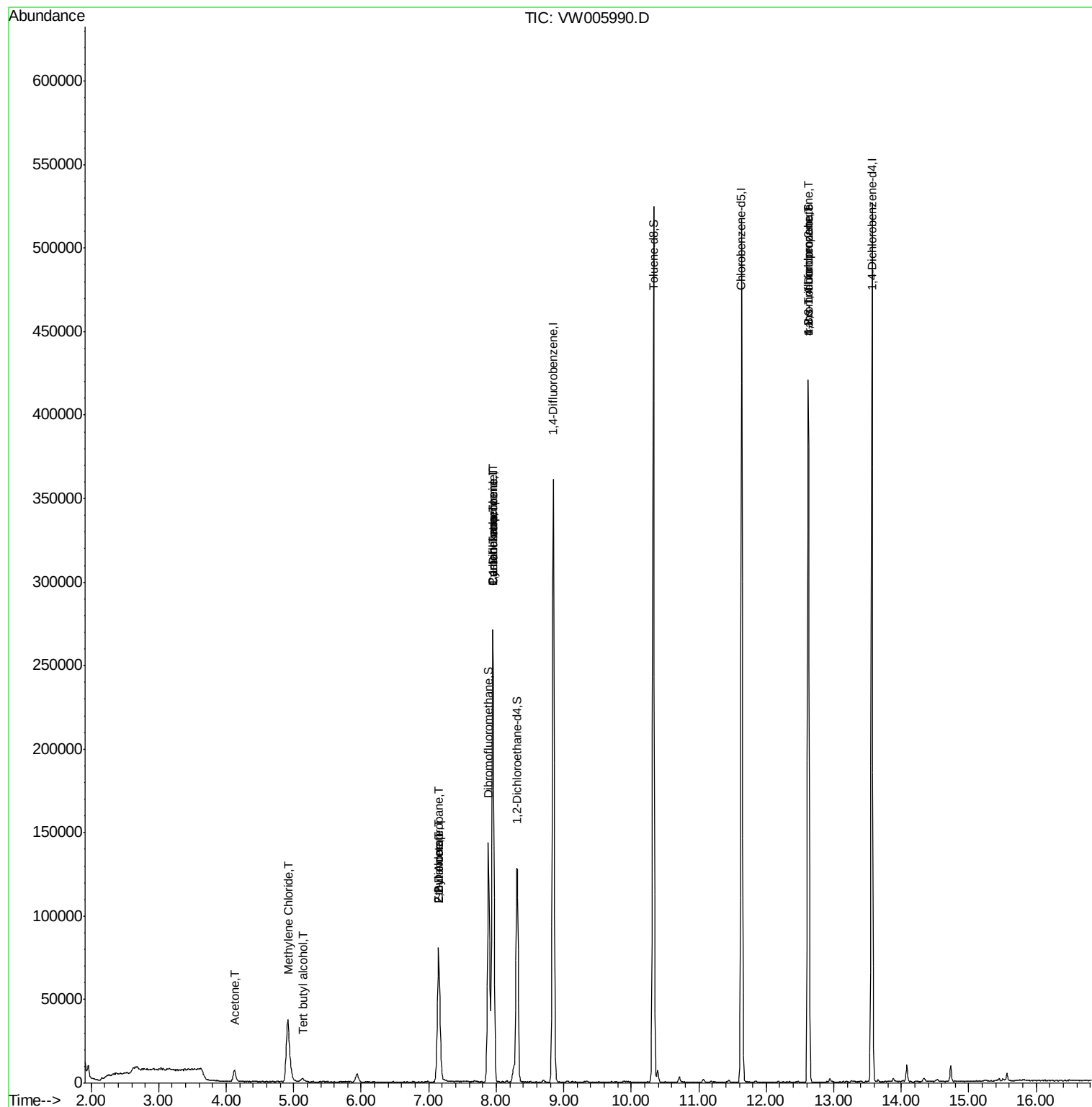
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	2170	13.84	ug/l #	74
16) Acetone	4.12	43	11340	26.54	ug/l	91
20) Methylene Chloride	4.92	84	33467	15.64	ug/l	96
25) 2-Butanone	7.14	43	4418	7.27	ug/l #	70
26) 2,2-Dichloropropane	7.14	77	5582	2.10	ug/l #	52
31) Cyclohexane	7.95	56	4326	1.16	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14833	4.76	ug/l #	48
37) Ethyl Acetate	7.14	43	4418	3.35	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19194	5.74	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	64552	50.08	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64552	105.73	ug/l #	11

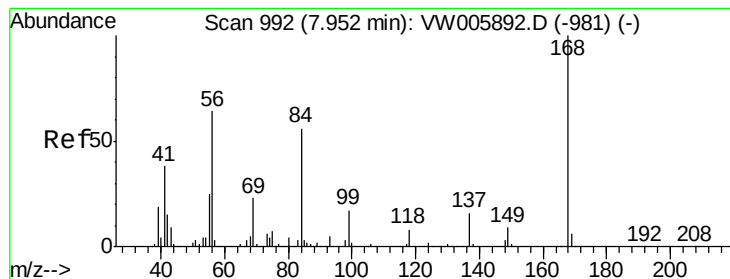
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005990.D

Acq: 10 Oct 2018 16:03

Instrument :

MSVOA_W

ClientSampled :

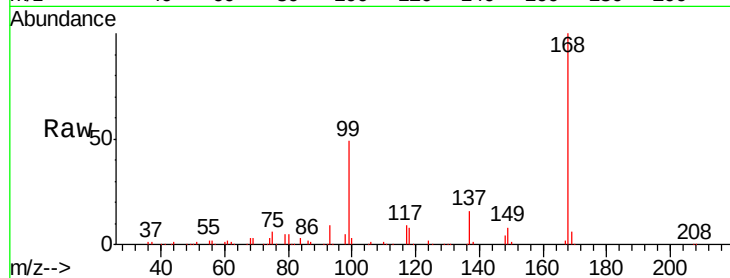
S-26-V

Tgt Ion:168 Resp: 220317

Ion Ratio Lower Upper

168 100

99 49.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

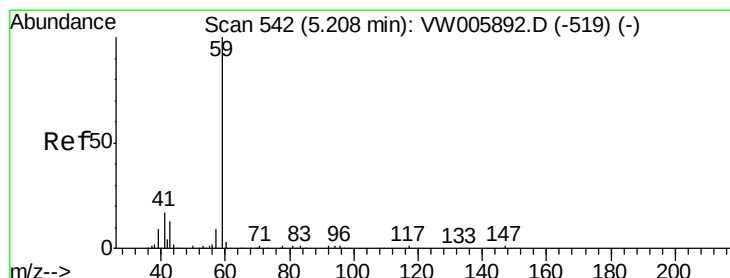
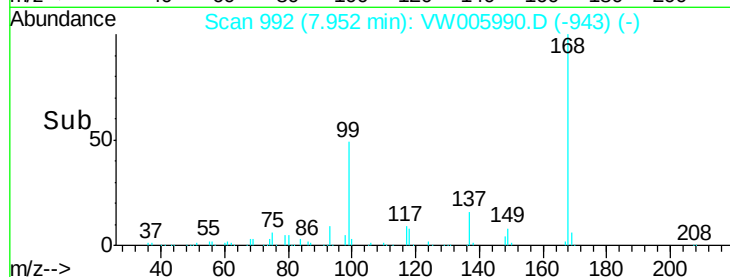
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 13.84 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: VW005990.D

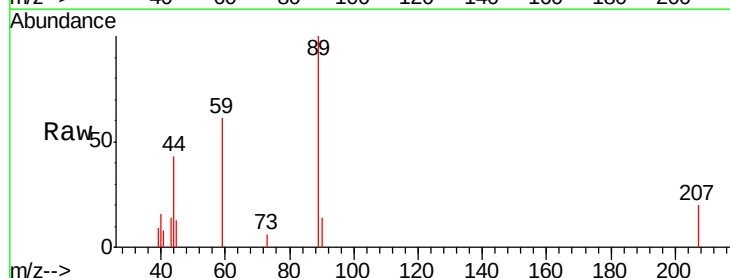
Acq: 10 Oct 2018 16:03

Tgt Ion: 59 Resp: 2170

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

600

500

400

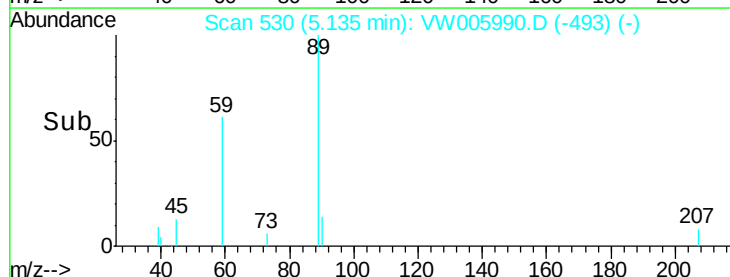
300

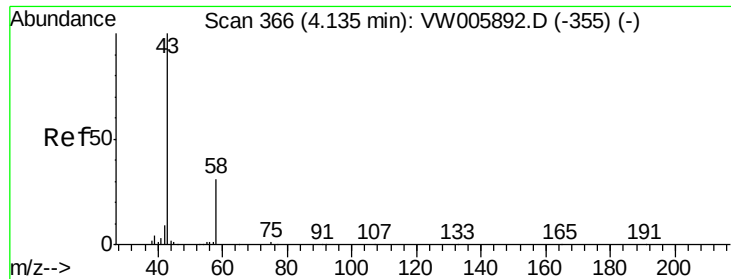
200

100

0

Time--> 5.05 5.10 5.15 5.20





#16

Acetone

Concen: 26.54 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005990.D

Acq: 10 Oct 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

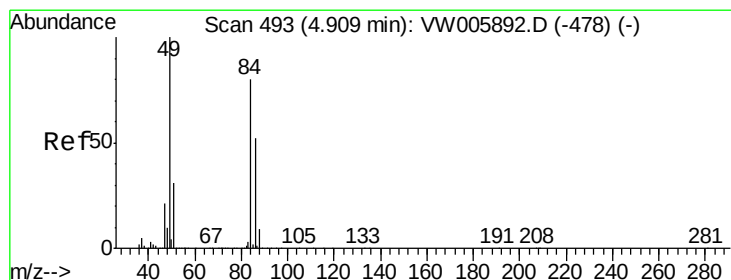
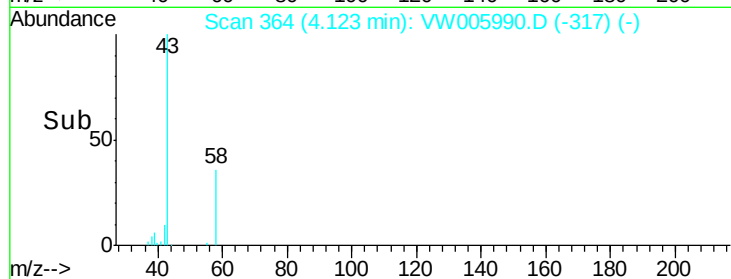
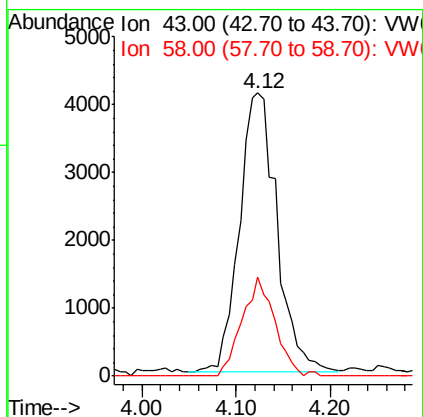
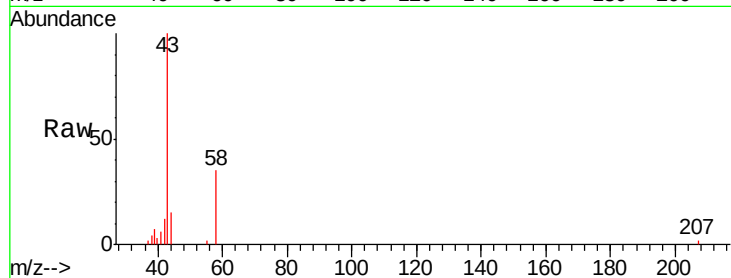
S-26-V

Tgt Ion: 43 Resp: 11340

Ion Ratio Lower Upper

43 100

58 35.6 24.7 37.1



#20

Methylene Chloride

Concen: 15.64 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005990.D

Acq: 10 Oct 2018 16:03

Tgt Ion: 84 Resp: 33467

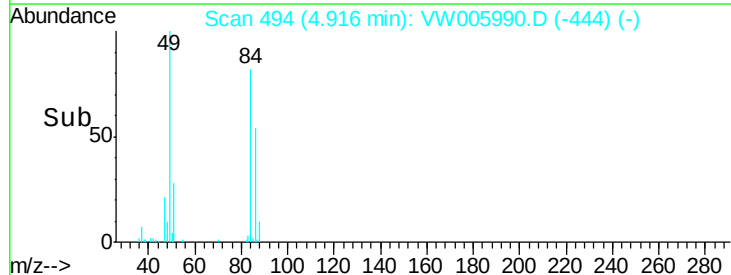
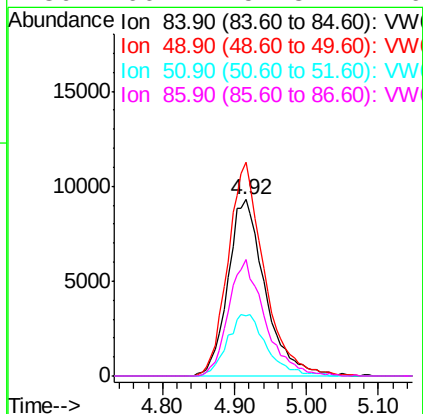
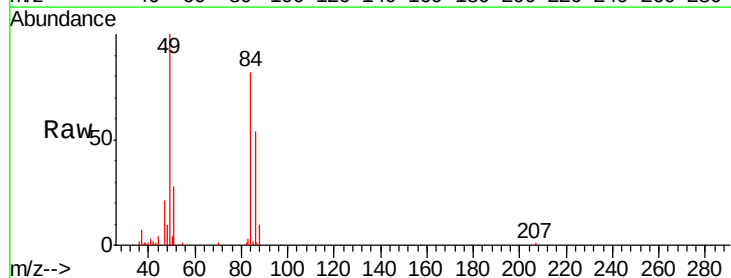
Ion Ratio Lower Upper

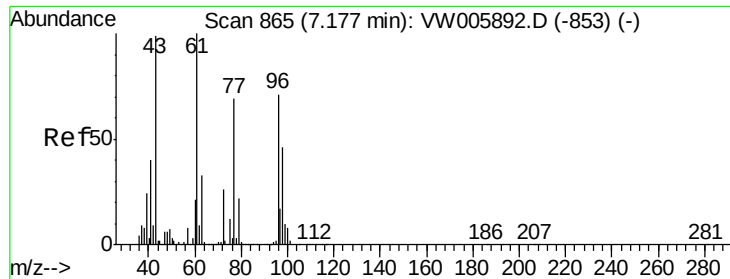
84 100

49 121.3 99.9 149.9

51 34.4 31.1 46.7

86 66.1 51.8 77.6





#25

2-Butanone

Concen: 7.27 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005990.D

Acq: 10 Oct 2018 16:03

Instrument :

MSVOA_W

ClientSampled :

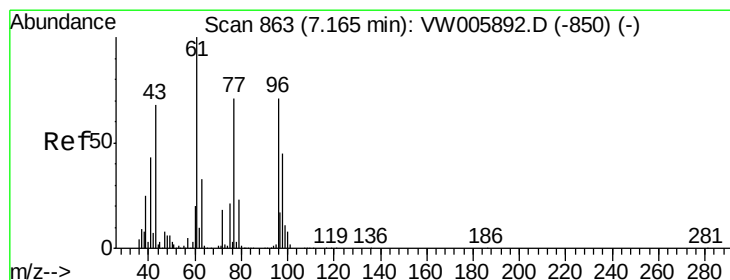
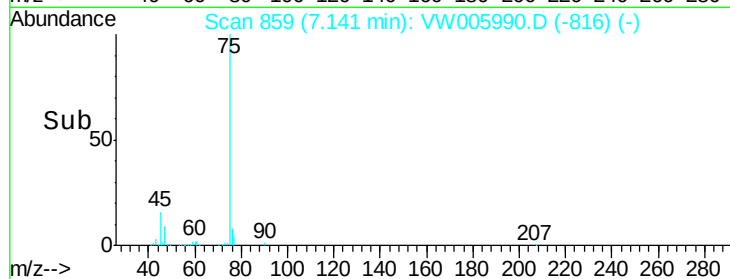
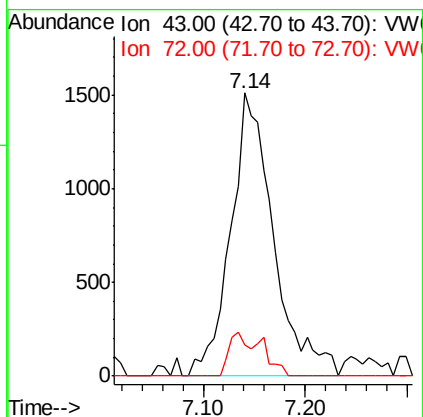
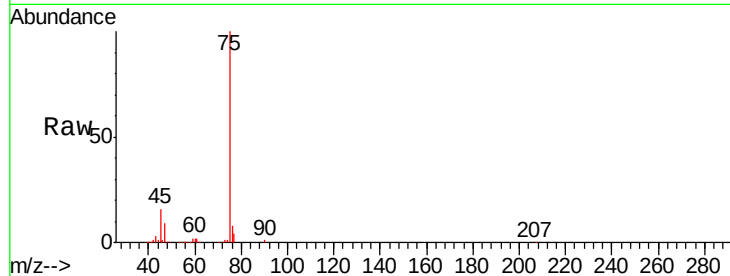
S-26-V

Tgt Ion: 43 Resp: 4418

Ion Ratio Lower Upper

43 100

72 10.9 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 2.10 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW005990.D

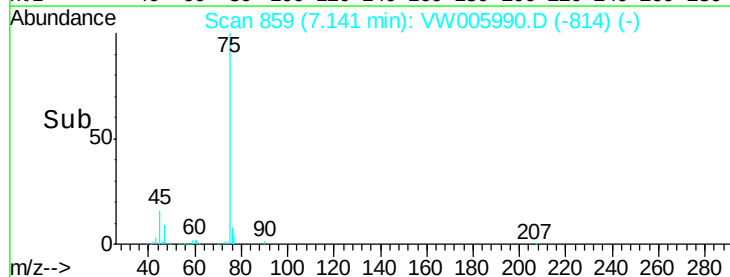
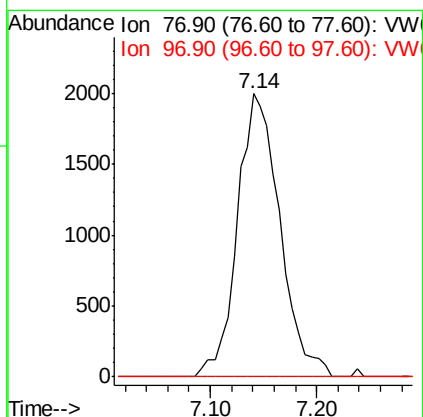
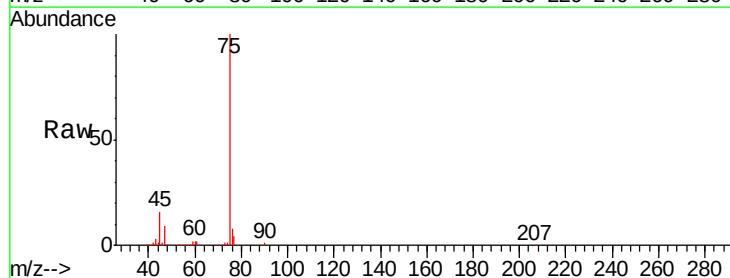
Acq: 10 Oct 2018 16:03

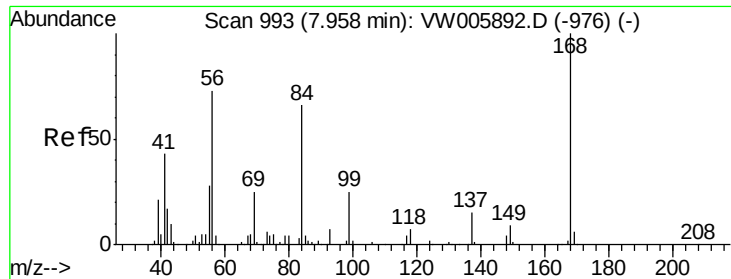
Tgt Ion: 77 Resp: 5582

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

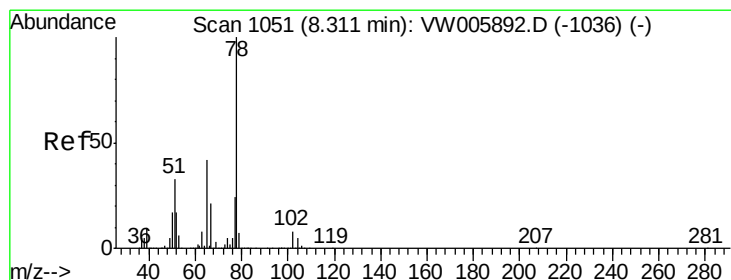
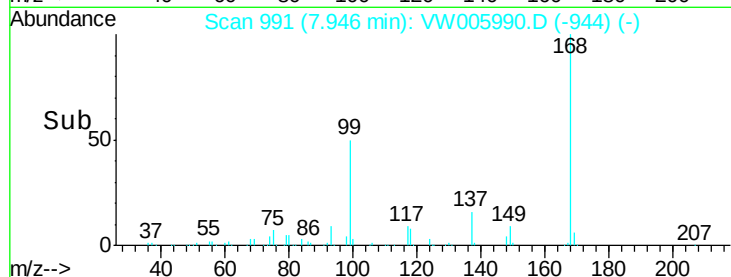
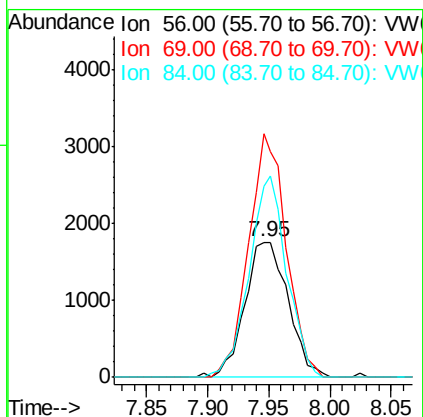
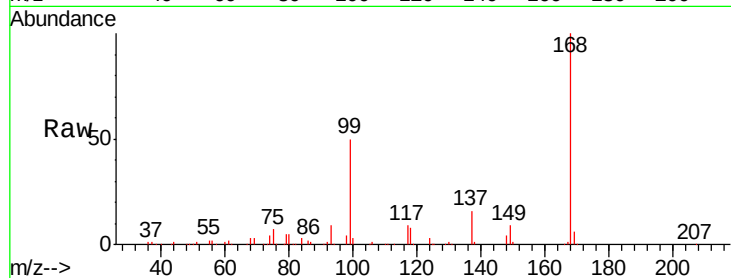




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005990.D
Acq: 10 Oct 2018 16:03

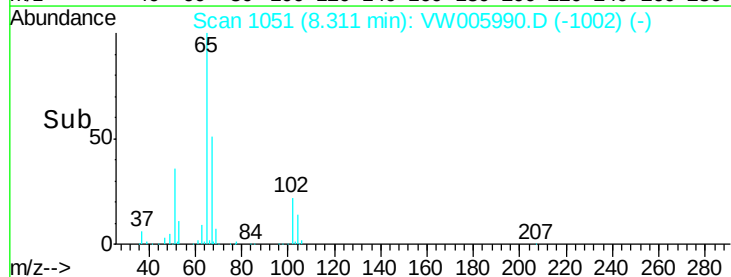
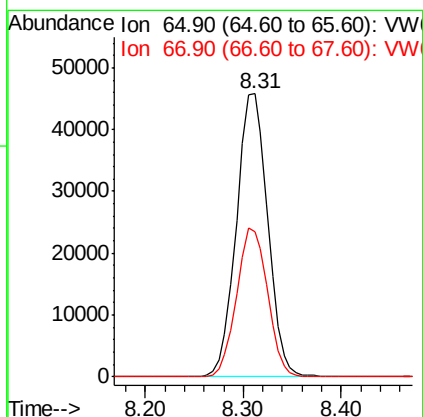
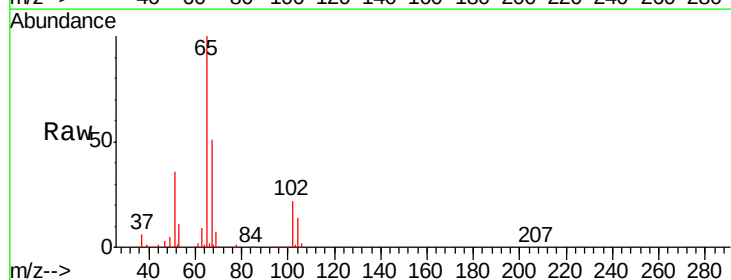
Instrument :
MSVOA_W
ClientSampled :
S-26-V

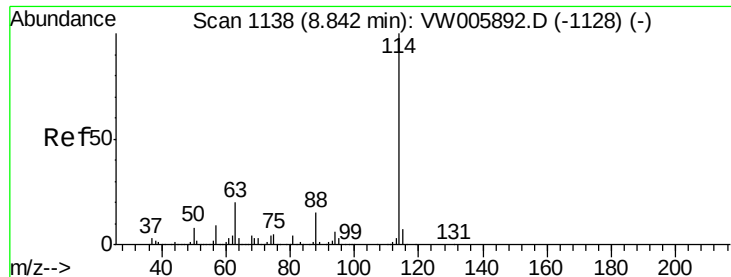
Tgt Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 179.8 27.9 41.9#
84 141.0 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005990.D
Acq: 10 Oct 2018 16:03

Tgt Ion: 65 Resp: 102180
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

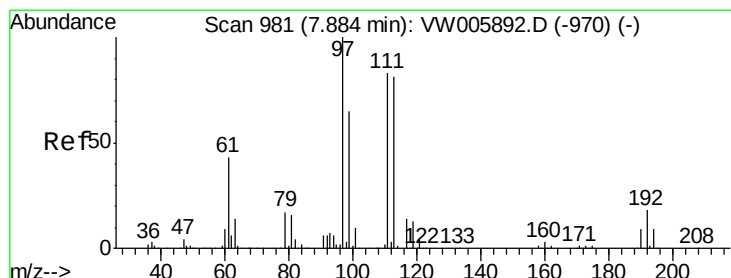
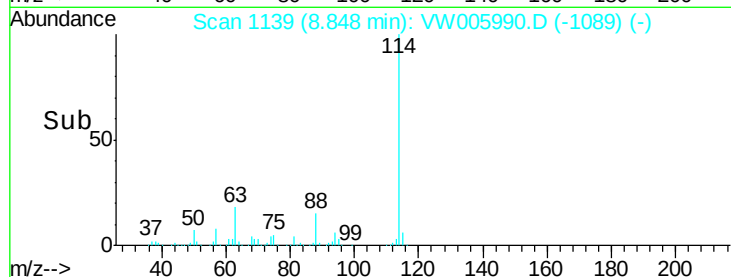
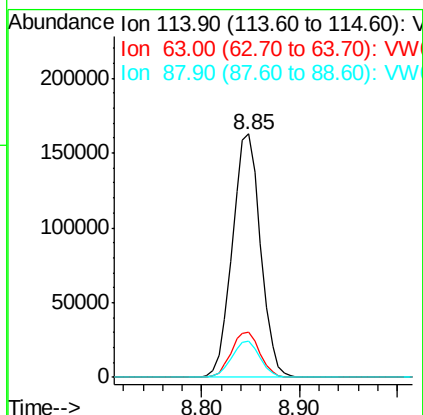
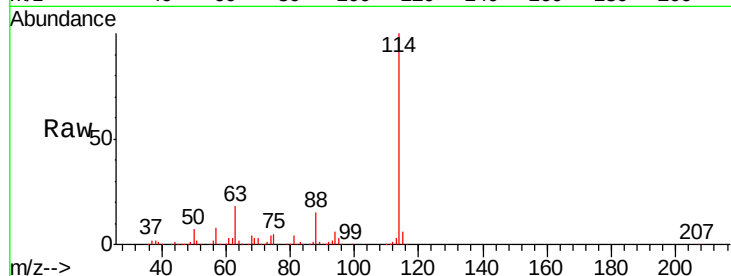




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005990.D
 Acq: 10 Oct 2018 16:03

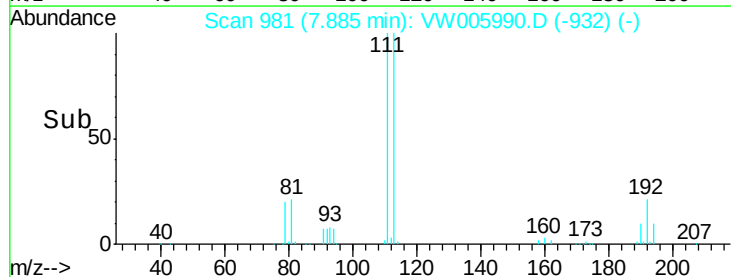
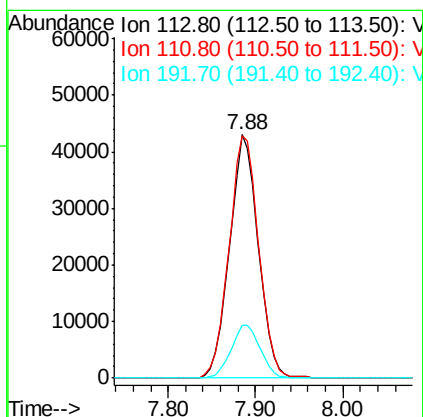
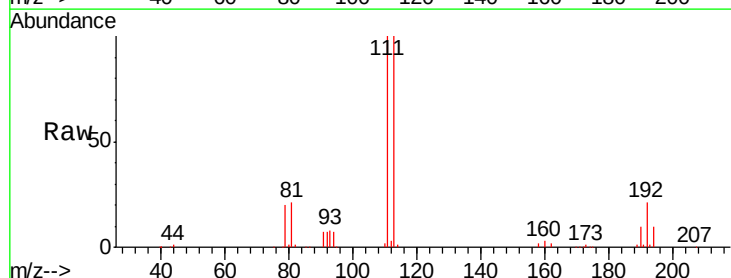
Instrument :
 MSVOA_W
 ClientSampleId :
 S-26-V

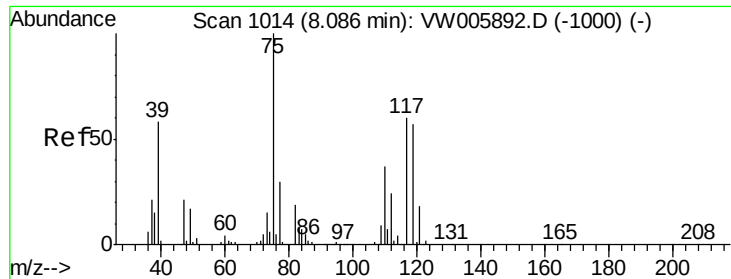
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.2
88	15.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 47.20 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005990.D
 Acq: 10 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	22.1	18.3	27.5

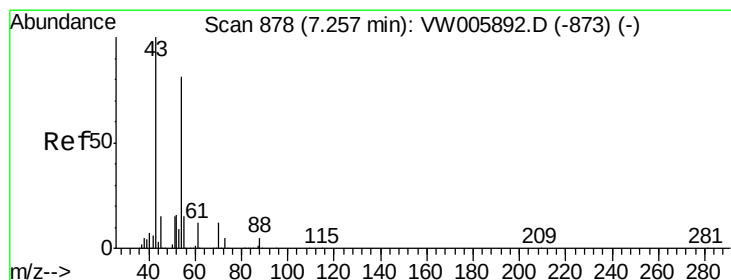
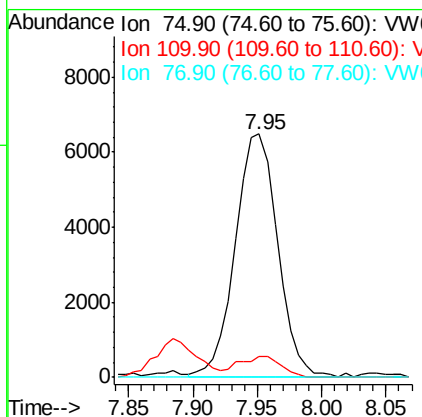
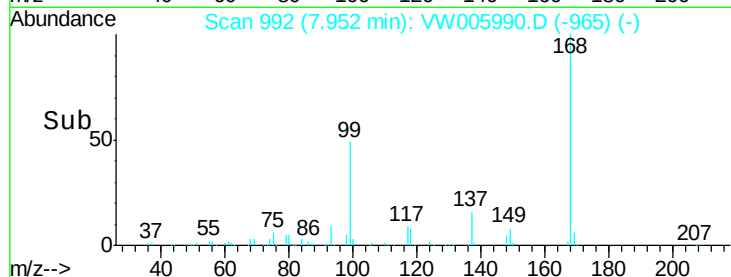
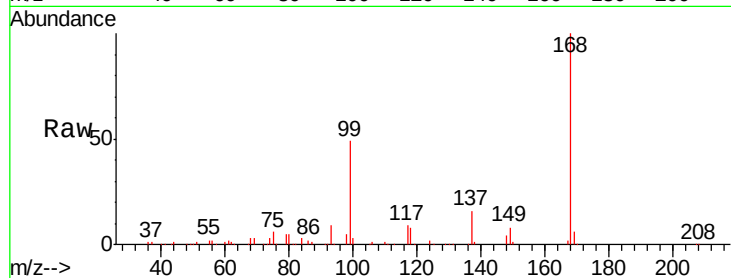




#36
 1,1-Dichloropropene
 Concen: 4.76 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005990.D
 Acq: 10 Oct 2018 16:03

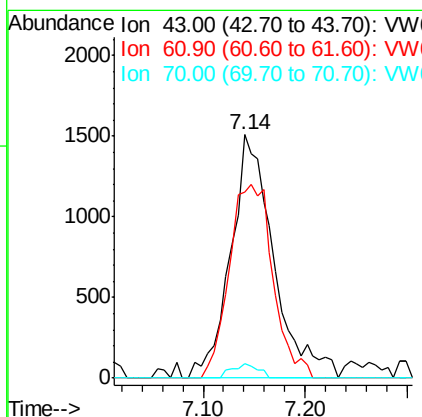
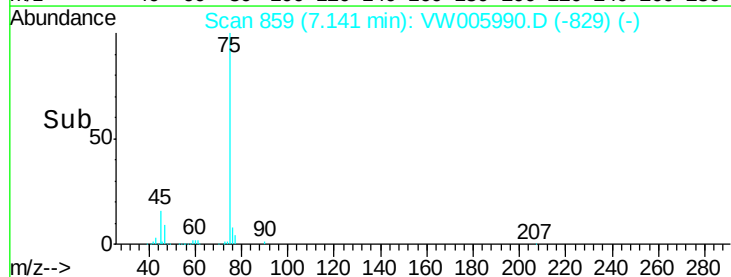
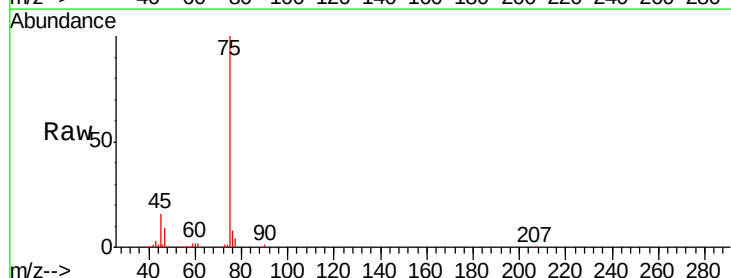
Instrument :
 MSVOA_W
 ClientSampled :
 S-26-V

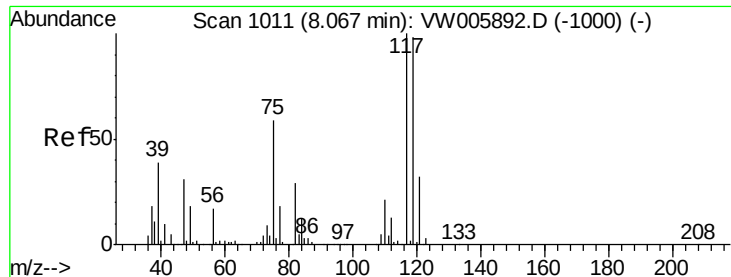
Tgt Ion: 75 Resp: 14833
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 56.0#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 3.35 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.12 min
 Lab File: VW005990.D
 Acq: 10 Oct 2018 16:03

Tgt Ion: 43 Resp: 4418
 Ion Ratio Lower Upper
 43 100
 61 80.9 10.6 16.0#
 70 3.6 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 5.74 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005990.D

Acq: 10 Oct 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

S-26-V

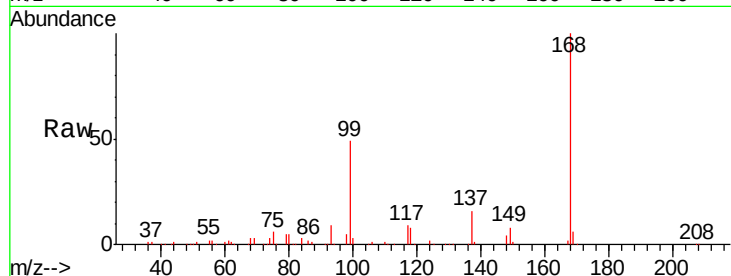
Tgt Ion:117 Resp: 19194

Ion Ratio Lower Upper

117 100

119 3.9 78.6 117.8#

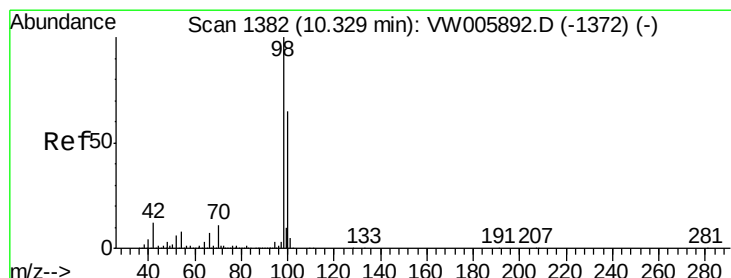
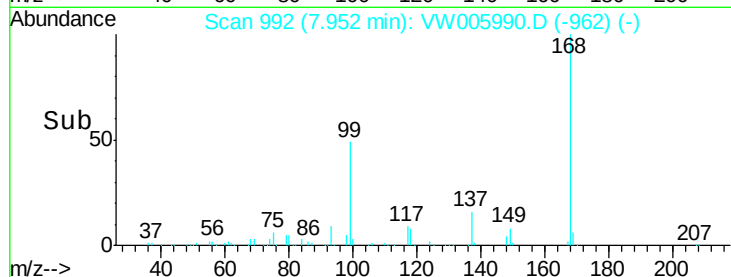
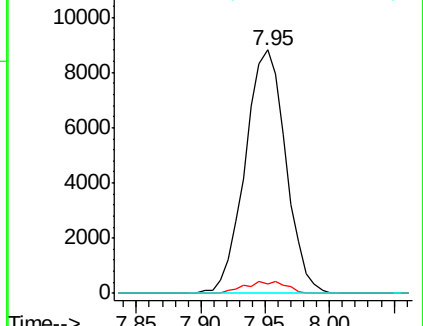
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 45.36 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005990.D

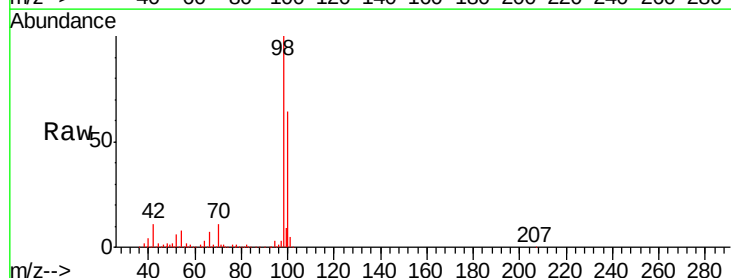
Acq: 10 Oct 2018 16:03

Tgt Ion: 98 Resp: 362077

Ion Ratio Lower Upper

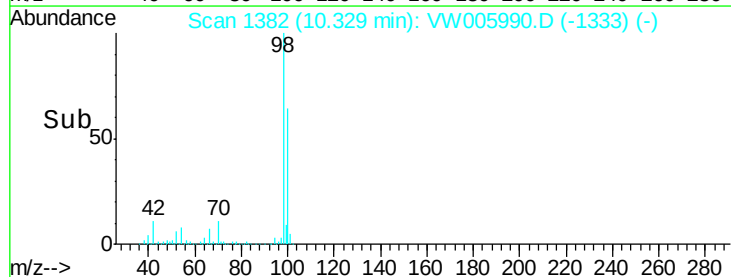
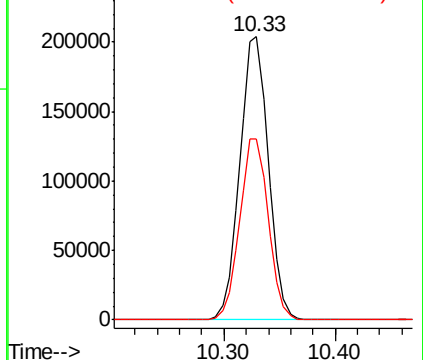
98 100

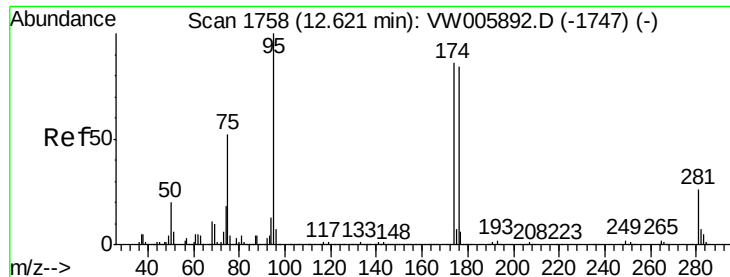
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

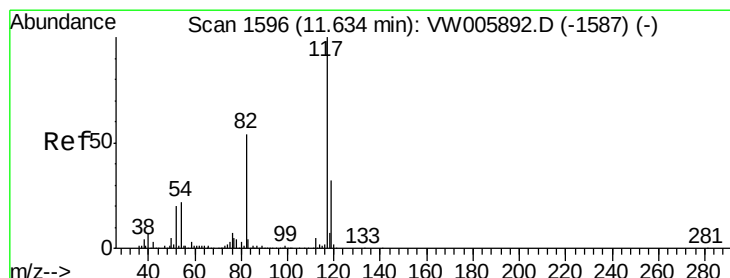
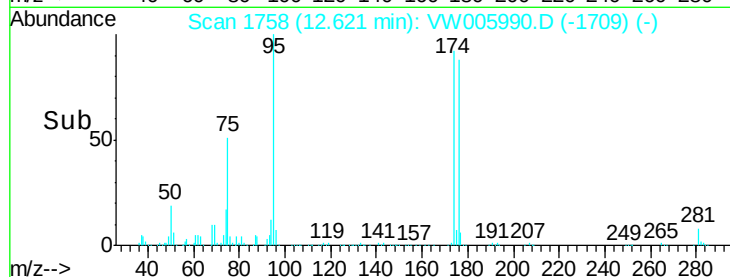
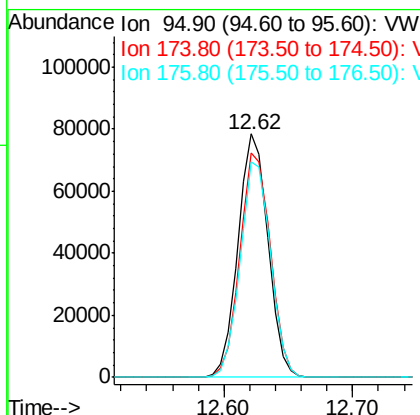
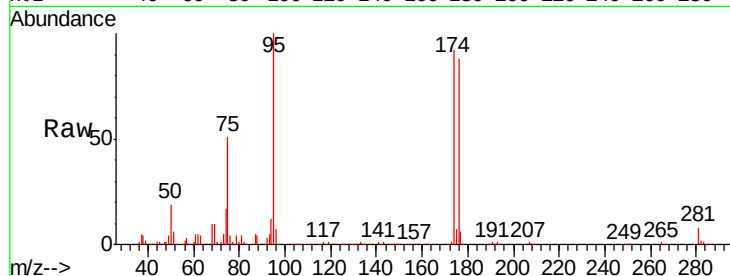




#62
4-Bromofluorobenzene
Concen: 41.41 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005990.D
Acq: 10 Oct 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
S-26-V

Tgt Ion: 95 Resp: 125748
Ion Ratio Lower Upper
95 100
174 94.1 0.0 176.4
176 90.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005990.D
Acq: 10 Oct 2018 16:03

Tgt Ion: 117 Resp: 288812
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 31.7 25.4 38.2

