

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007052.D
 Acq On : 26 Nov 2018 17:16
 Operator : VAY/AP
 Sample : J6051-02
 Misc : 4.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-02

Quant Time: Nov 27 15:18:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

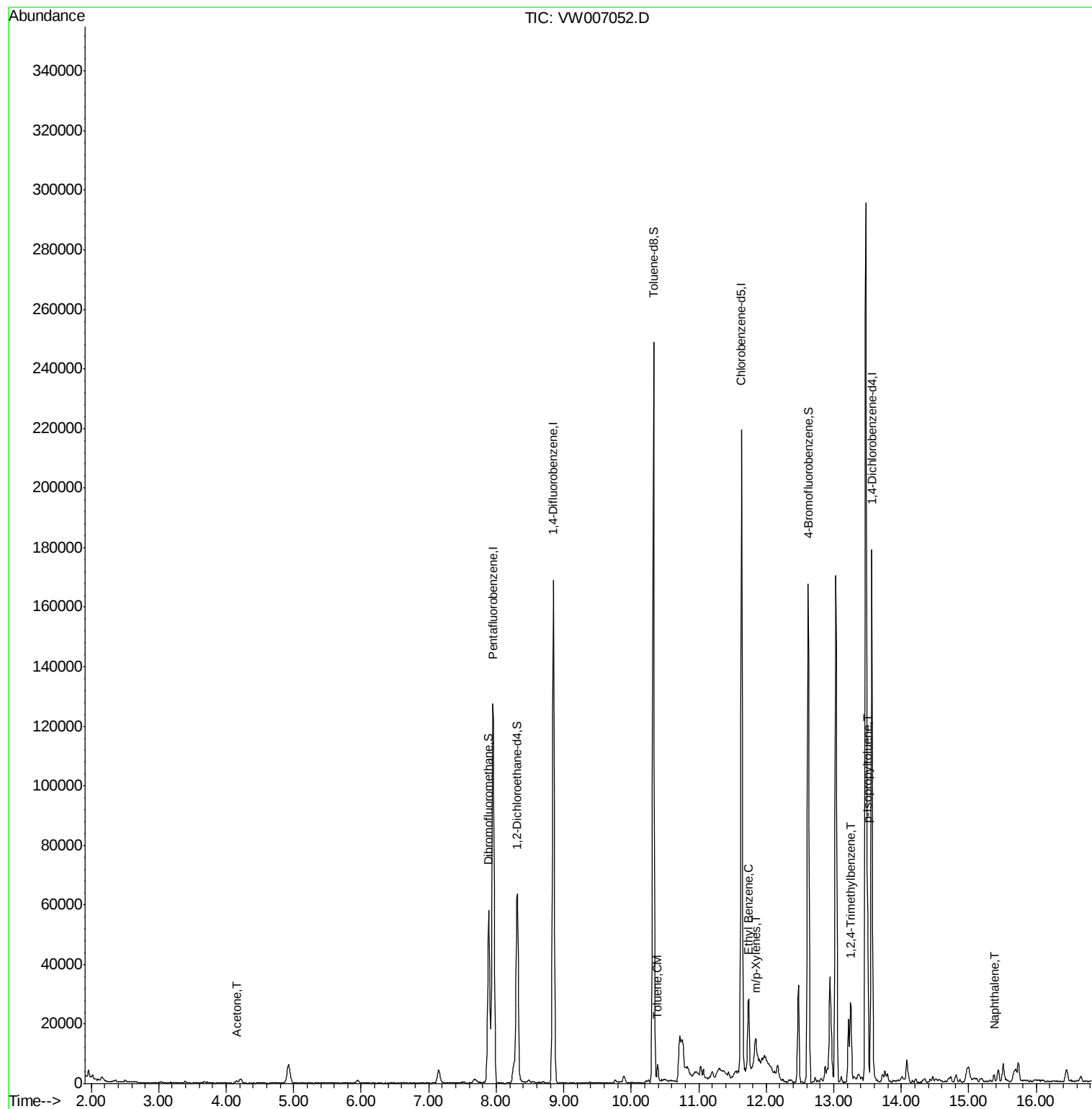
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	97393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	146191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52547	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	41921	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.32	98	169720	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	12.62	95	54446	37.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.90%	
Target Compounds						
16) Acetone	4.16	43	1602	11.57	ug/l	Qvalue 90
52) Toluene	10.40	92	2776	1.06	ug/l	95
67) Ethyl Benzene	11.74	91	4966	1.07	ug/l #	73
68) m/p-Xylenes	11.85	106	2231	1.22	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	6307	2.11	ug/l	95
86) p-Isopropyltoluene	13.50	119	27476	8.50	ug/l #	75
95) Naphthalene	15.38	128	2379	1.49	ug/l	98

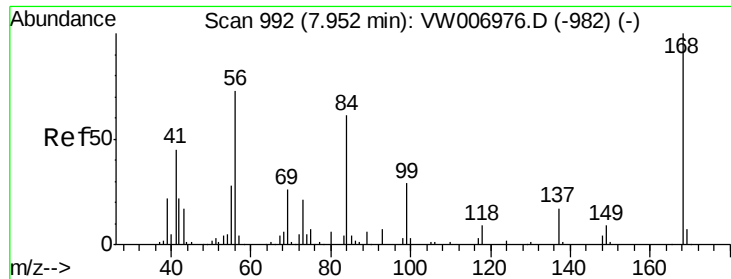
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

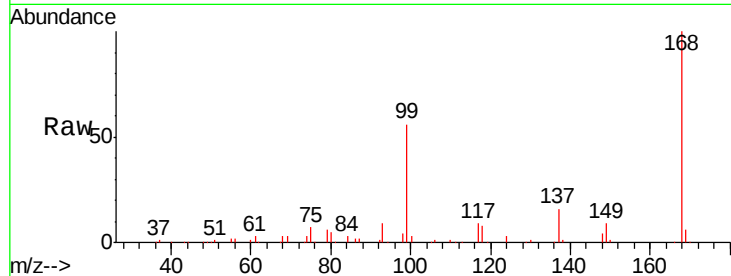
SS-02

Tgt Ion: 168 Resp: 97393

Ion Ratio Lower Upper

168 100

99 56.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

40000

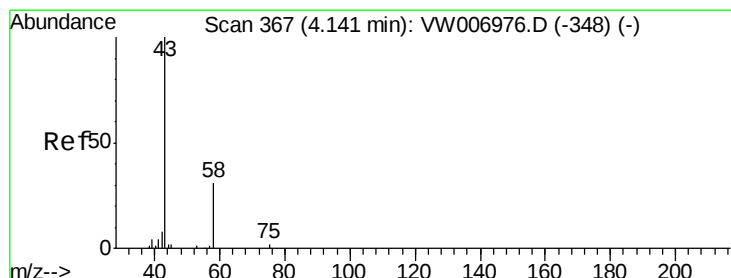
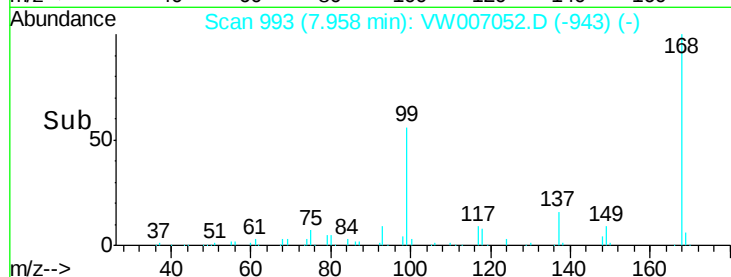
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 11.57 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW007052.D

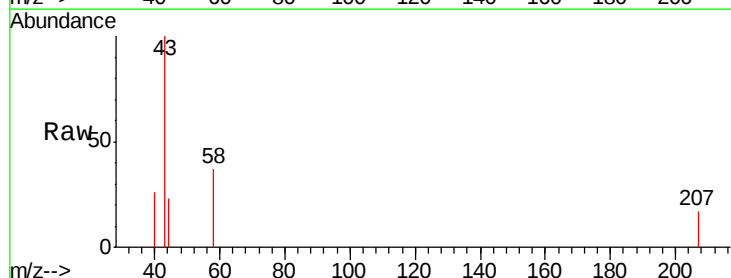
Acq: 26 Nov 2018 17:16

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

58 36.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

500

400

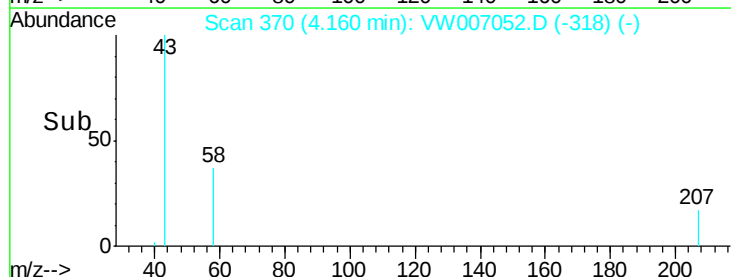
300

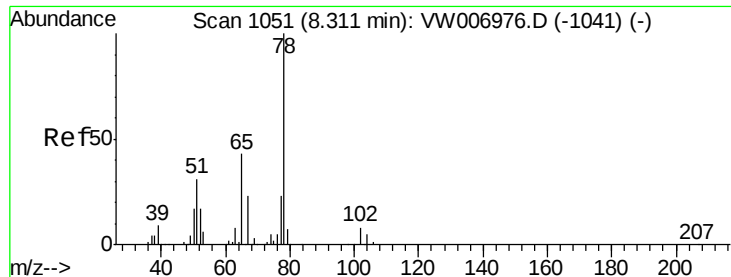
200

100

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.11 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

Instrument :

MSVOA_W

ClientSampled :

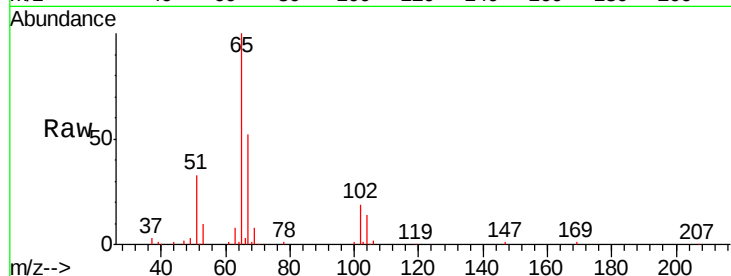
SS-02

Tgt Ion: 65 Resp: 52547

Ion Ratio Lower Upper

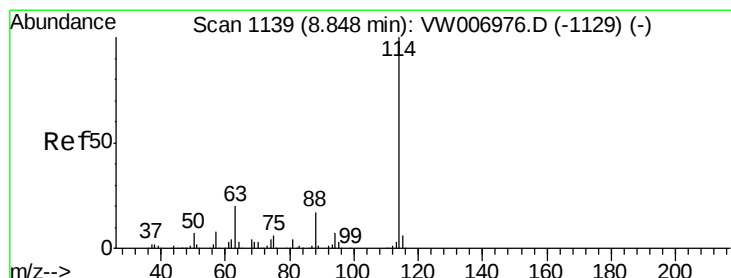
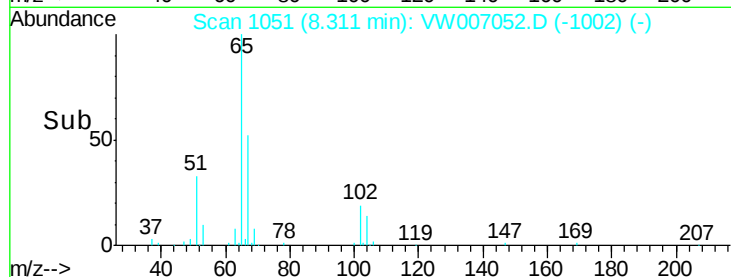
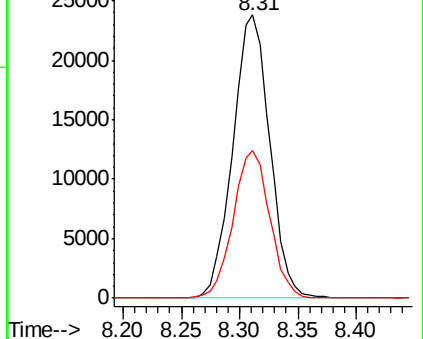
65 100

67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

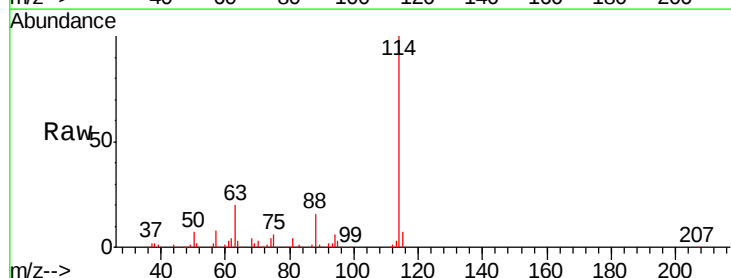
Tgt Ion: 114 Resp: 146191

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

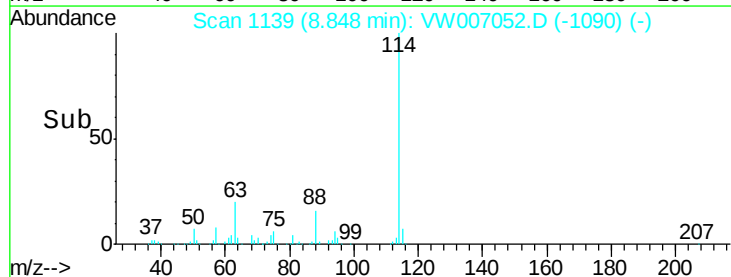
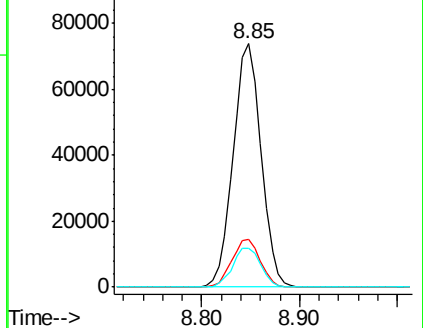
88 16.0 0.0 34.2

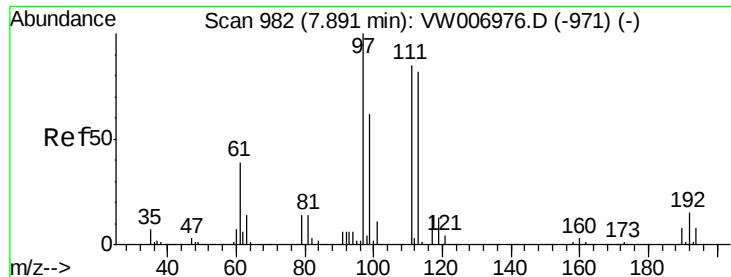


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

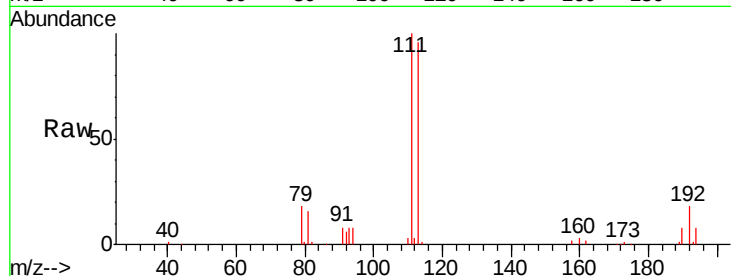




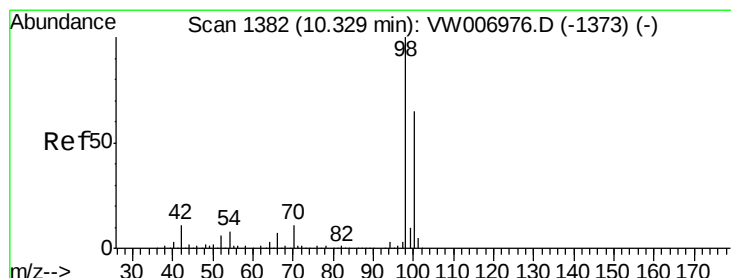
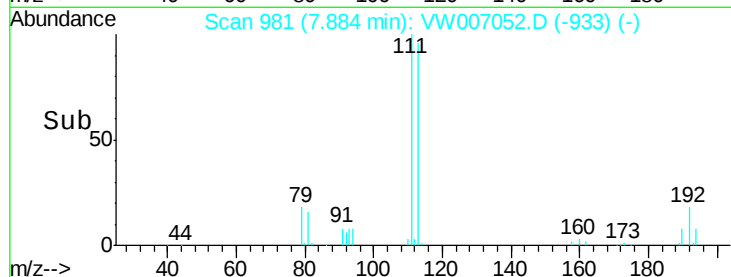
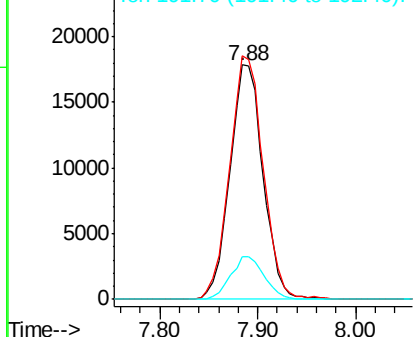
#35
Dibromofluoromethane
Concen: 50.78 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

Instrument :
MSVOA_W
ClientSampleId :
SS-02

Tgt Ion: 113 Resp: 41921
Ion Ratio Lower Upper
113 100
111 105.1 81.0 121.6
192 18.4 15.0 22.6

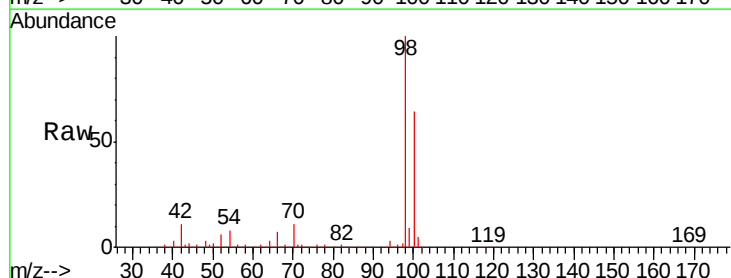


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

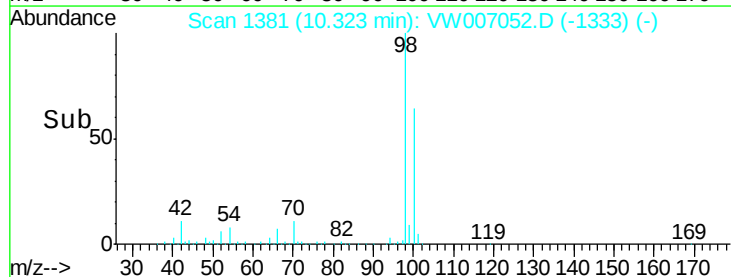
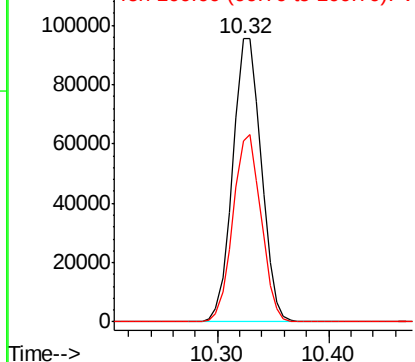


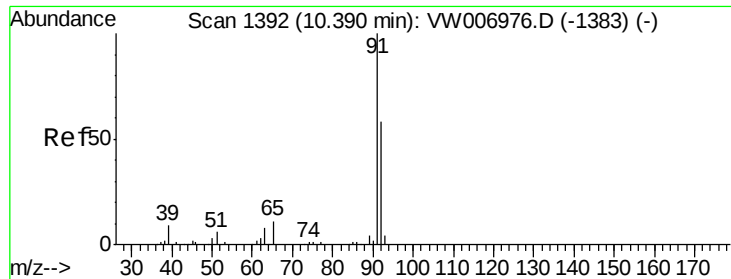
#50
Toluene-d8
Concen: 46.55 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

Tgt Ion: 98 Resp: 169720
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.06 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

Instrument :

MSVOA_W

ClientSampled :

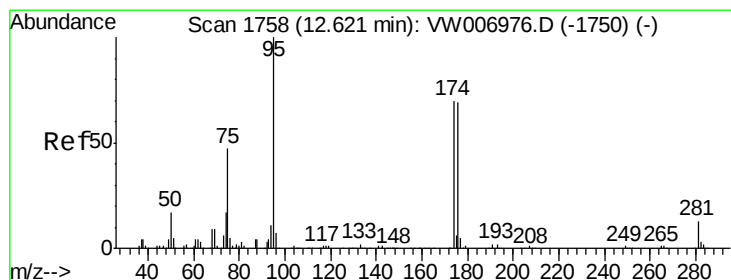
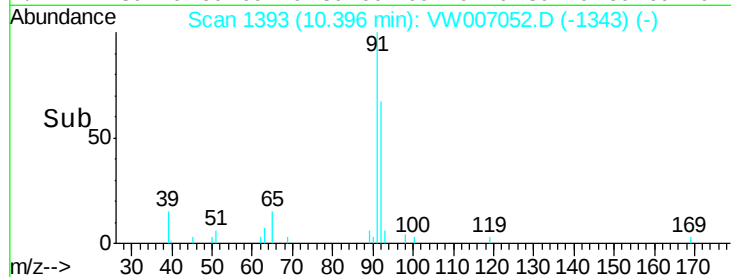
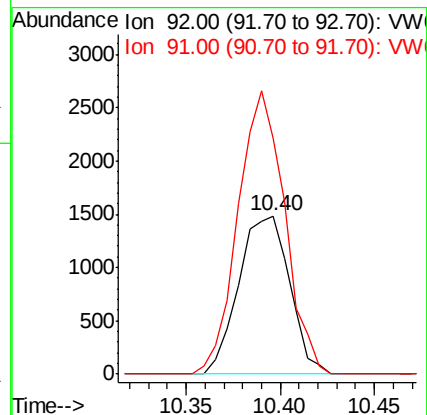
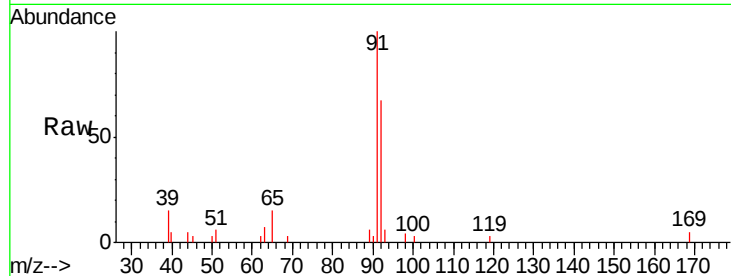
SS-02

Tgt Ion: 92 Resp: 2776

Ion Ratio Lower Upper

92 100

91 164.4 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 37.95 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

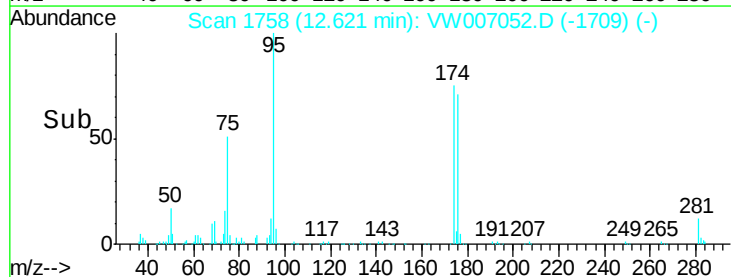
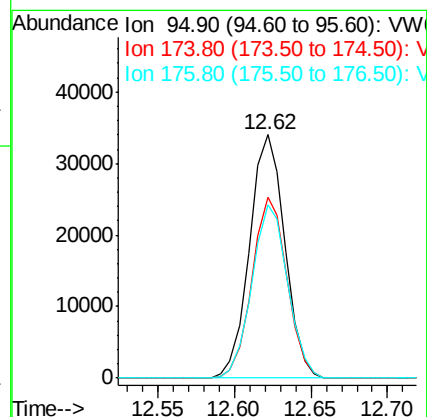
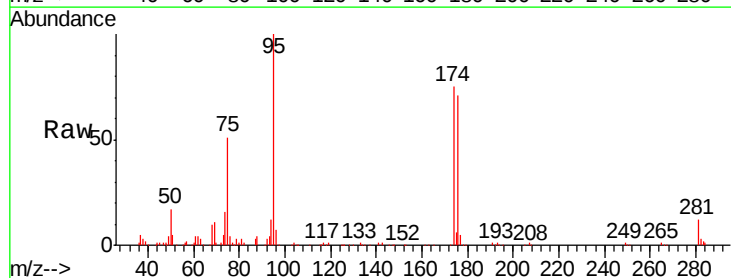
Tgt Ion: 95 Resp: 54446

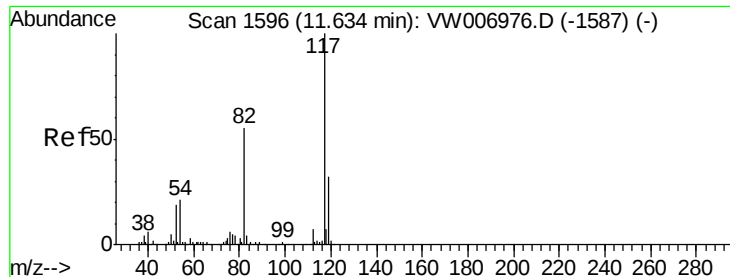
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.6

176 72.2 0.0 140.4

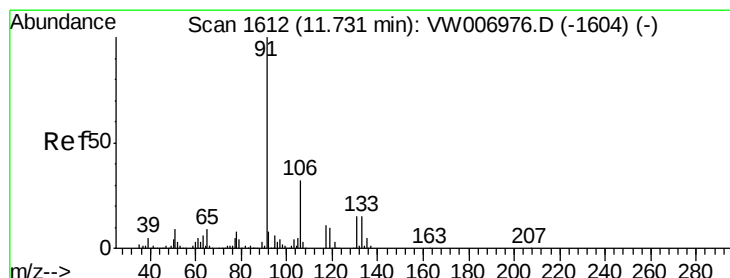
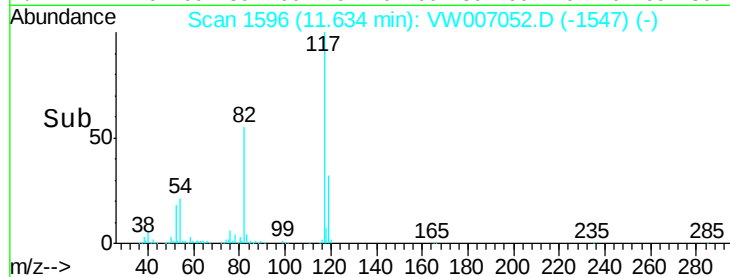
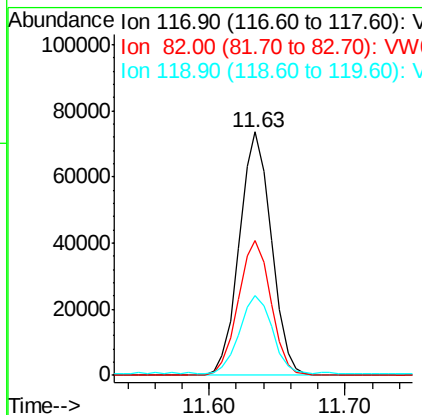
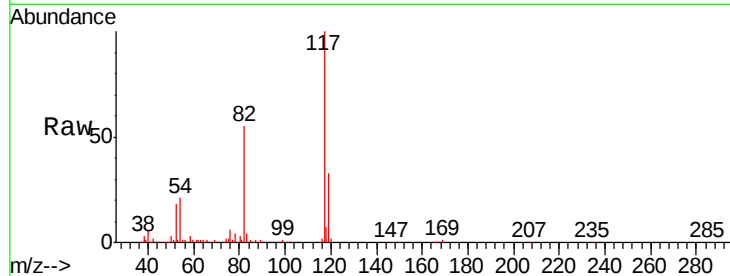




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

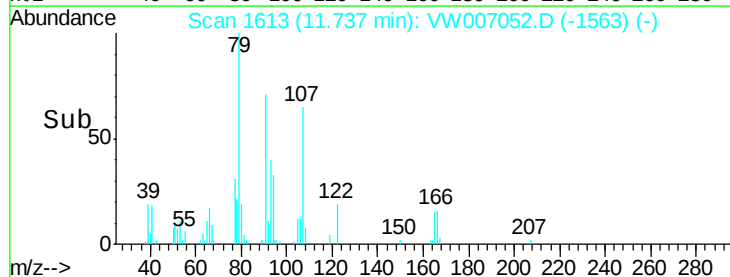
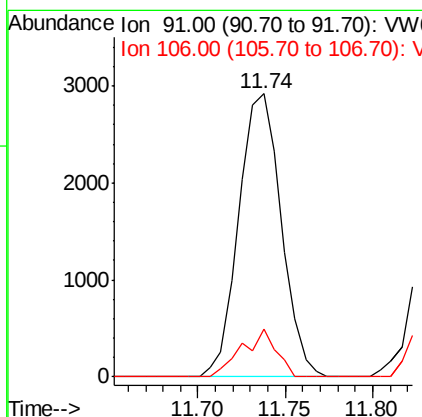
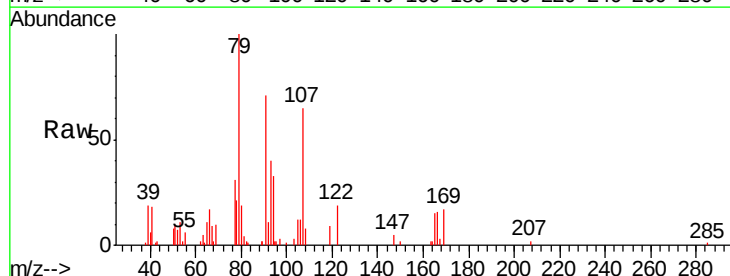
Instrument :
MSVOA_W
ClientSampleId :
SS-02

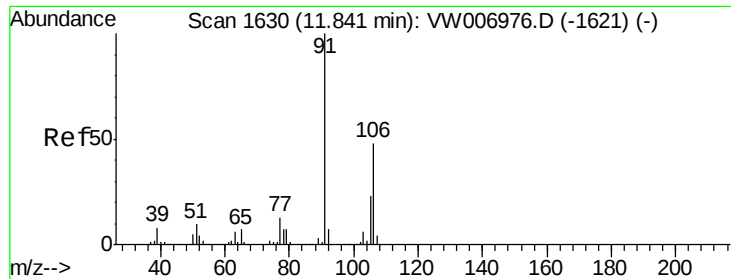
Tgt Ion: 117 Resp: 121225
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.2 25.9 38.9



#67
Ethyl Benzene
Concen: 1.07 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

Tgt Ion: 91 Resp: 4966
Ion Ratio Lower Upper
91 100
106 16.7 25.4 38.2#

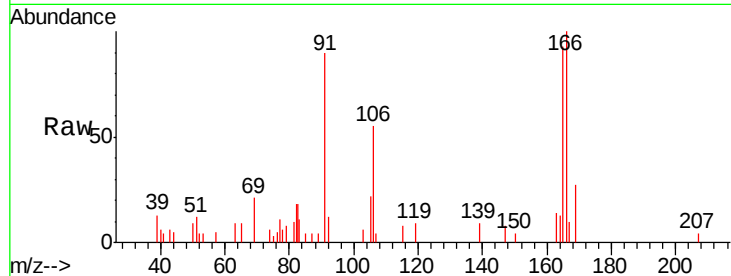




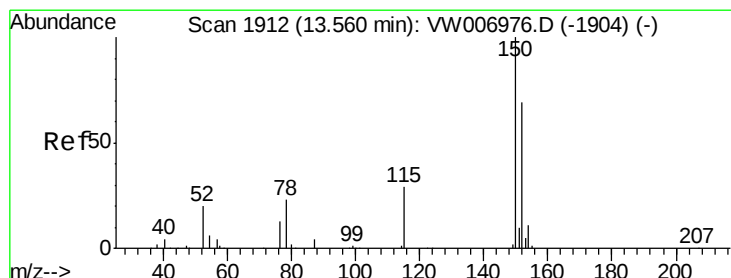
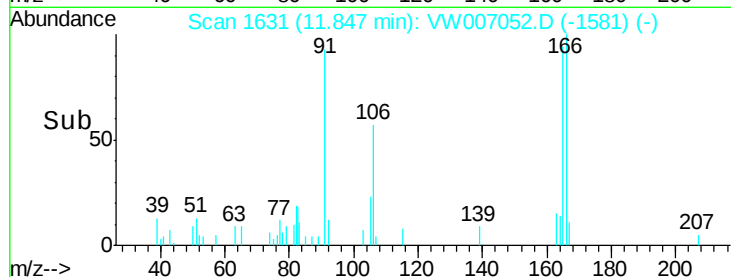
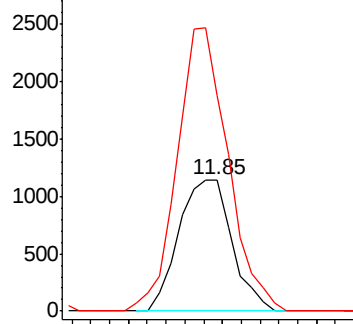
#68
m/p-Xylenes
Concen: 1.22 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

Instrument :
MSVOA_W
ClientSampled :
SS-02

Tgt Ion:106 Resp: 2231
Ion Ratio Lower Upper
106 100
91 206.1 164.8 247.2

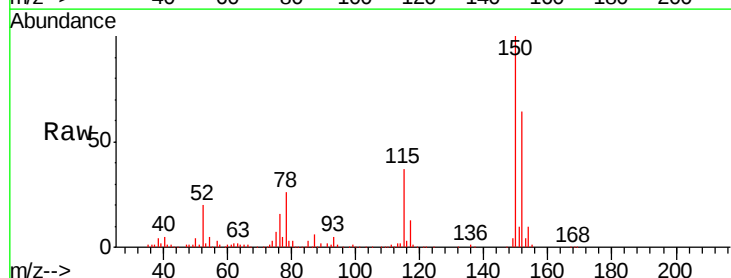


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

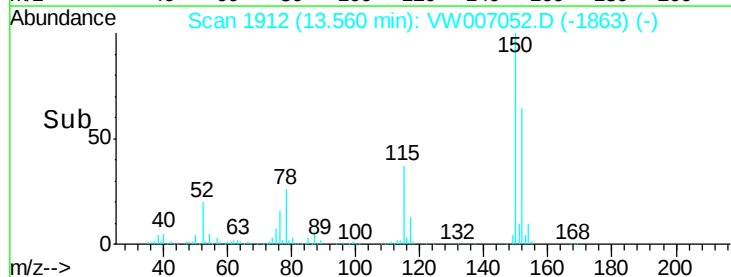
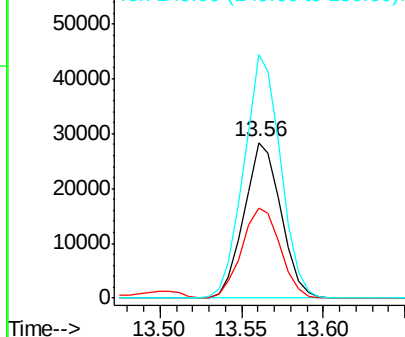


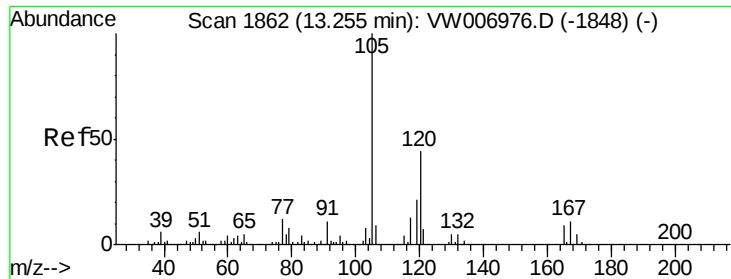
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007052.D
Acq: 26 Nov 2018 17:16

Tgt Ion:152 Resp: 44599
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.2
150 156.2 0.0 353.4



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

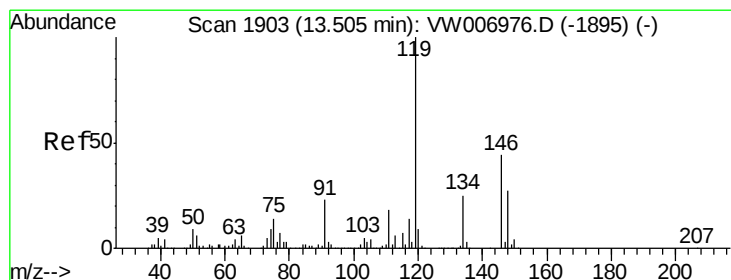
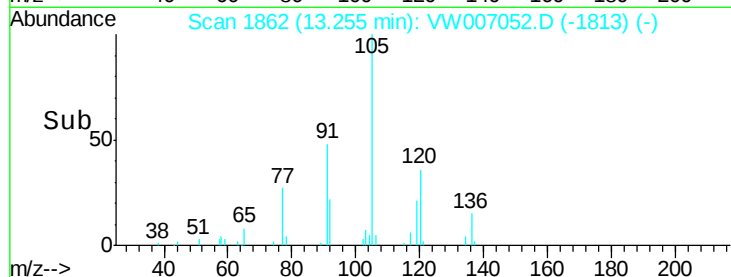
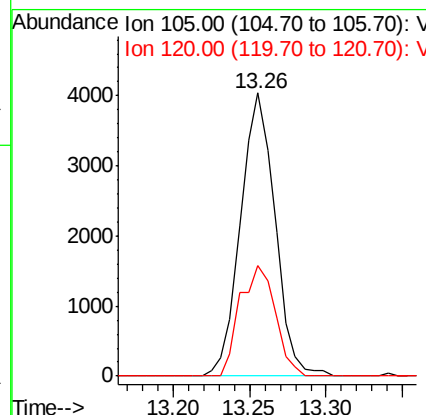
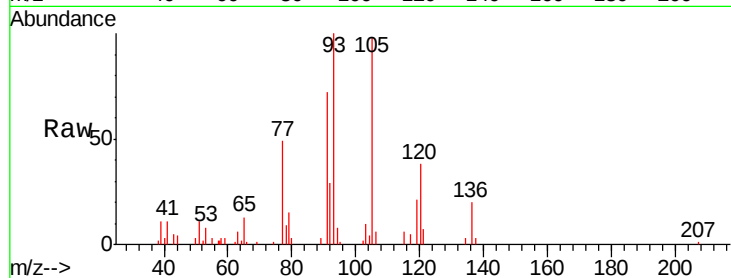




#84
 1,2,4-Trimethylbenzene
 Concen: 2.11 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007052.D
 Acq: 26 Nov 2018 17:16

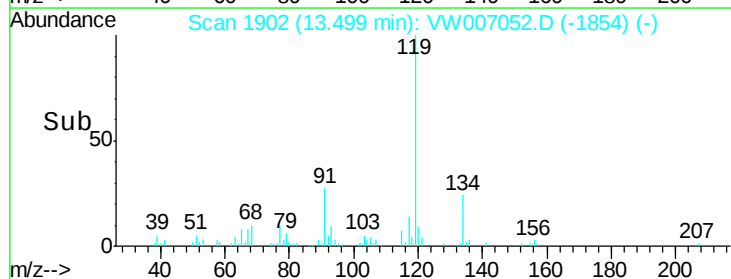
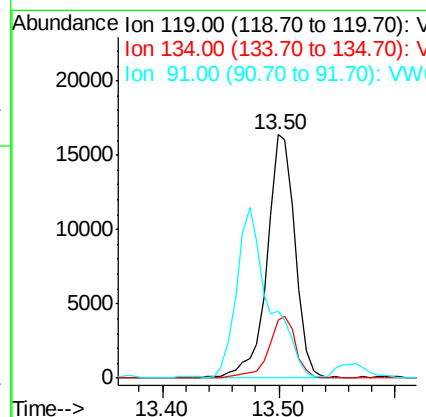
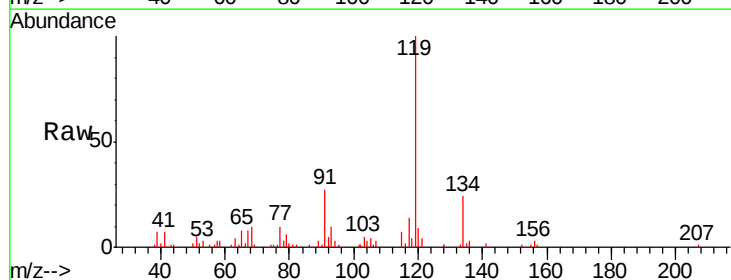
Instrument :
 MSVOA_W
 ClientSampled :
 SS-02

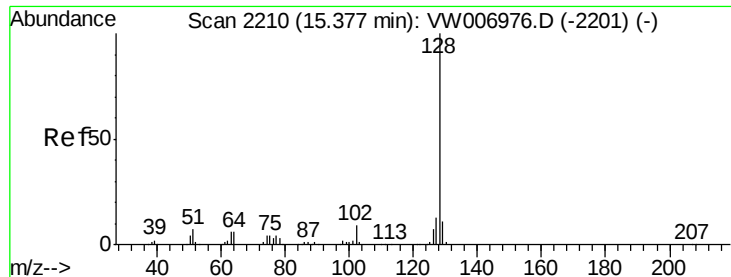
Tgt Ion:105 Resp: 6307
 Ion Ratio Lower Upper
 105 100
 120 40.1 21.8 65.3



#86
 p-Isopropyltoluene
 Concen: 8.50 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007052.D
 Acq: 26 Nov 2018 17:16

Tgt Ion:119 Resp: 27476
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 0.0 12.2 36.6#





#95

Naphthalene

Concen: 1.49 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007052.D

Acq: 26 Nov 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

SS-02

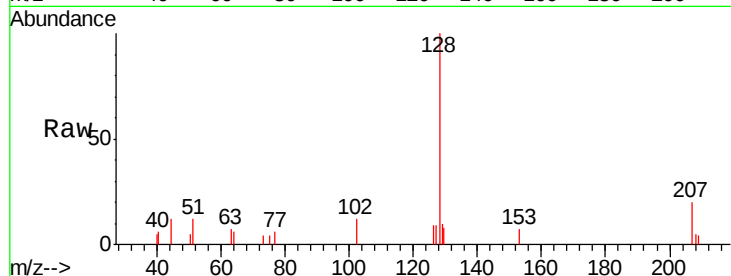
Tgt Ion:128 Resp: 2379

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 10.4 8.7 13.1



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

