

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006525.D
 Acq On : 31 Oct 2018 14:52
 Operator : SY/AP
 Sample : J5711-03
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Quant Time: Oct 31 17:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

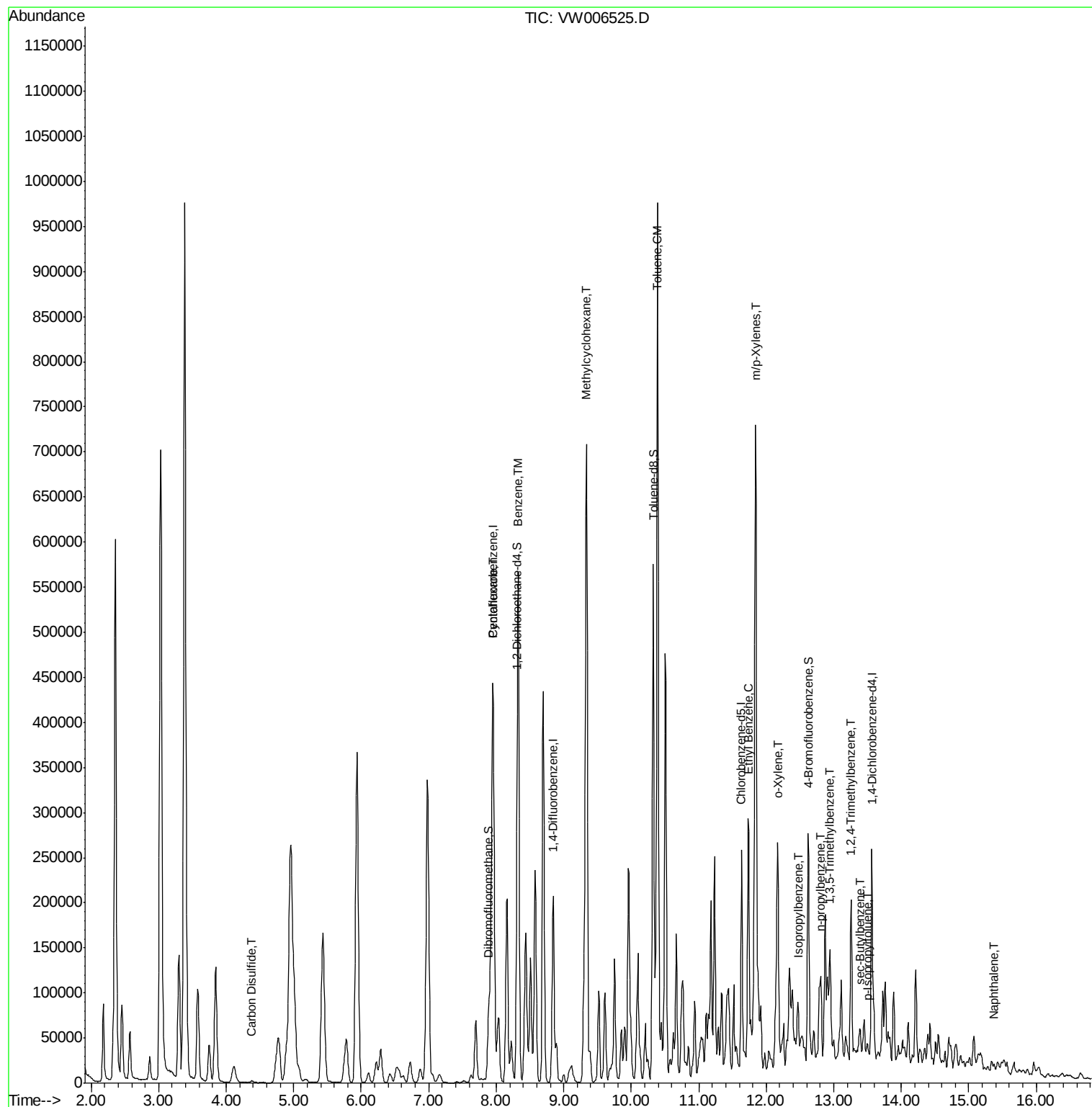
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	146360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54507	63.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.94%	
35) Dibromofluoromethane	7.88	113	54031	62.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.96%	
50) Toluene-d8	10.32	98	225652	68.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.16%	
62) 4-Bromofluorobenzene	12.62	95	77133	62.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.84%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.38	76	2738	1.056	ug/l	97
31) Cyclohexane	7.96	56	199260	127.796	ug/l	94
39) Methylcyclohexane	9.34	83	323513	180.408	ug/l	99
40) Benzene	8.32	78	560353	151.427	ug/l	98
52) Toluene	10.39	92	418513	168.694	ug/l	99
67) Ethyl Benzene	11.73	91	177212	35.975	ug/l	100
68) m/p-Xylenes	11.84	106	188108	96.614	ug/l	98
69) o-Xylene	12.17	106	64882	34.966	ug/l	97
73) Isopropylbenzene	12.47	105	38991	8.040	ug/l	100
78) n-propylbenzene	12.81	91	62571	11.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	28971	7.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	98813	23.885	ug/l	98
85) sec-Butylbenzene	13.39	105	17140	3.317	ug/l #	63
86) p-Isopropyltoluene	13.51	119	6677	1.429	ug/l	96
95) Naphthalene	15.38	128	8664	3.210	ug/l #	89

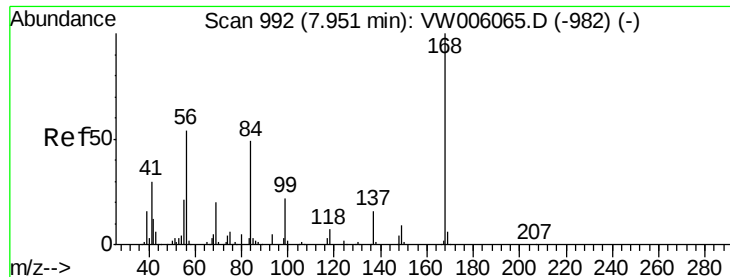
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006525.D

Acq: 31 Oct 2018 14:52

Instrument :

MSVOA_W

ClientSampled :

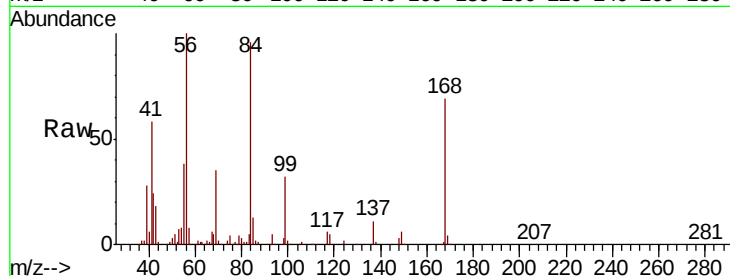
SB-3

Tot Ion:168 Resp: 102778

Ion Ratio Lower Upper

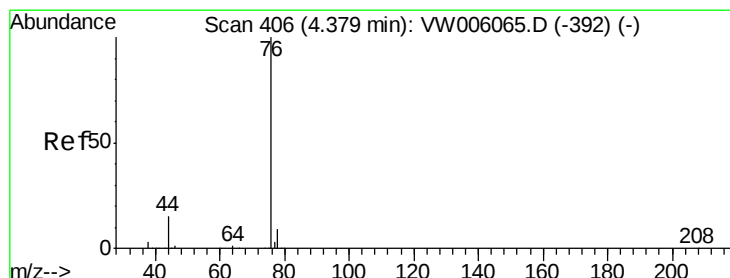
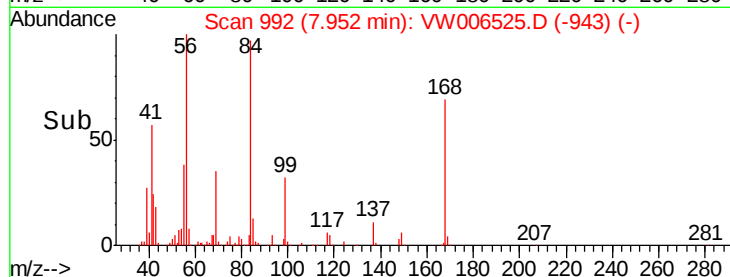
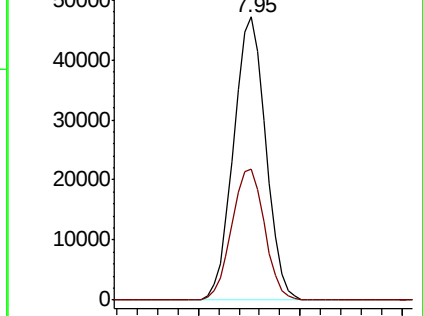
168 100

99 46.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#17

Carbon Disulfide

Concen: 1.056 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006525.D

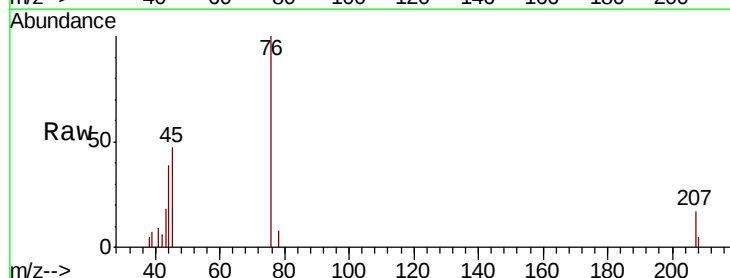
Acq: 31 Oct 2018 14:52

Tgt Ion: 76 Resp: 2738

Ion Ratio Lower Upper

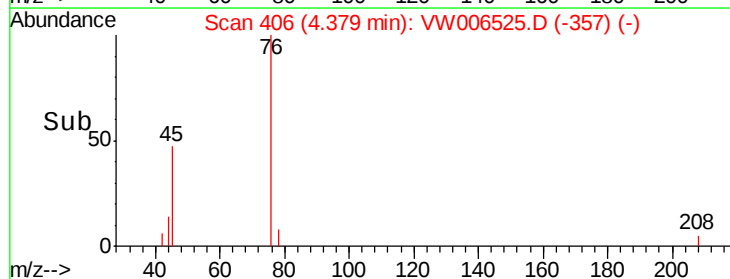
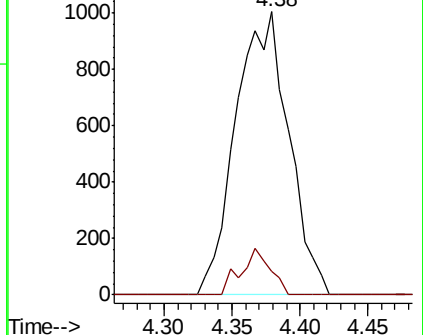
76 100

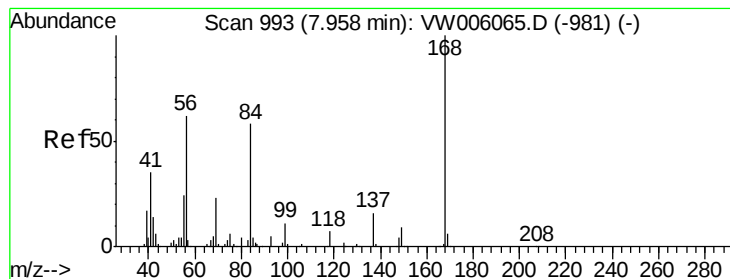
78 8.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW





#31

Cyclohexane

Concen: 127.796 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006525.D

Acq: 31 Oct 2018 14:52

Instrument :

MSVOA_W

ClientSampled :

SB-3

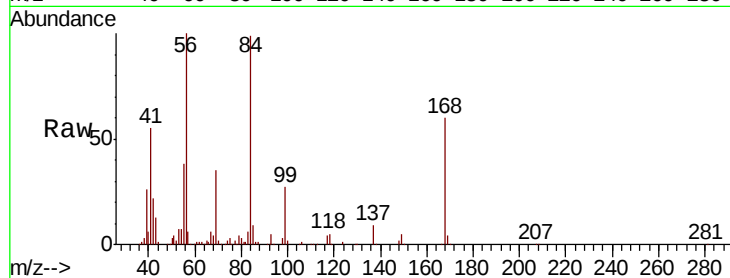
Tot Ion: 56 Resp: 199260

Ion Ratio Lower Upper

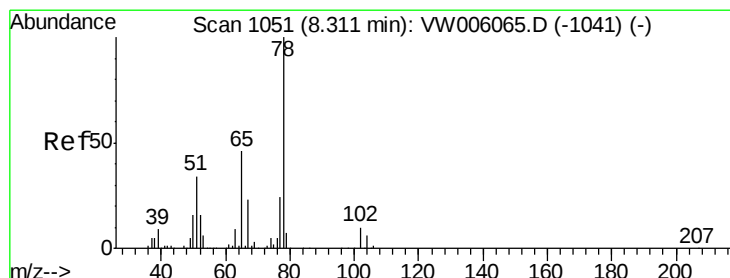
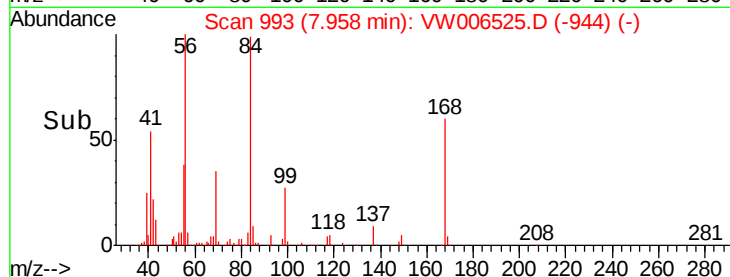
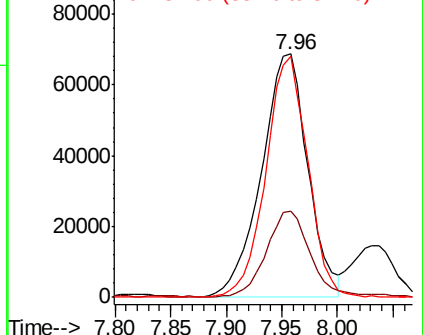
56 100

69 34.7 29.4 44.0

84 98.8 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 63.969 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006525.D

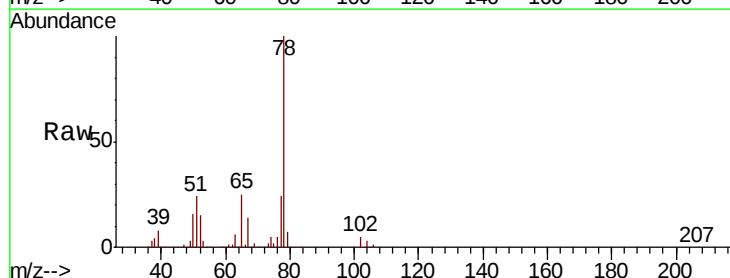
Acq: 31 Oct 2018 14:52

Tgt Ion: 65 Resp: 54507

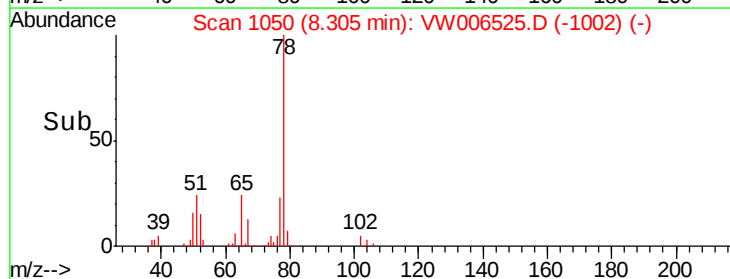
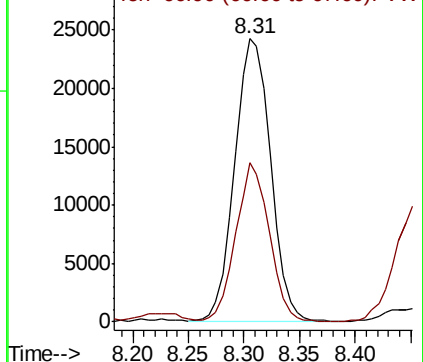
Ion Ratio Lower Upper

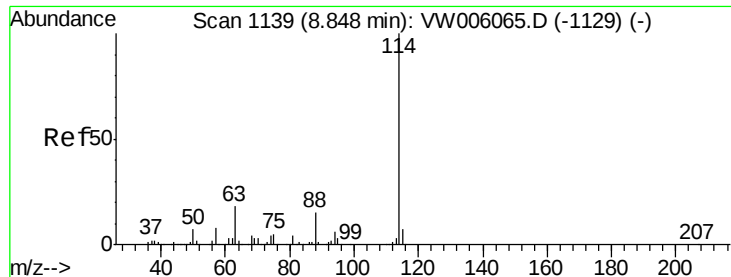
65 100

67 52.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

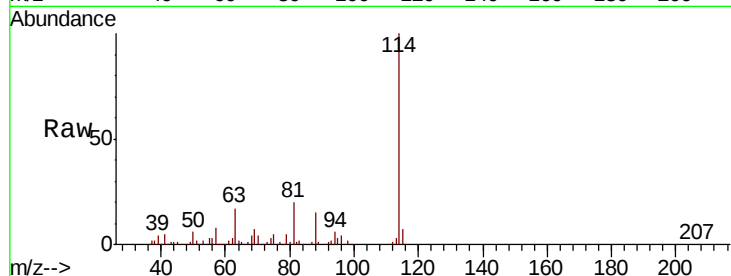




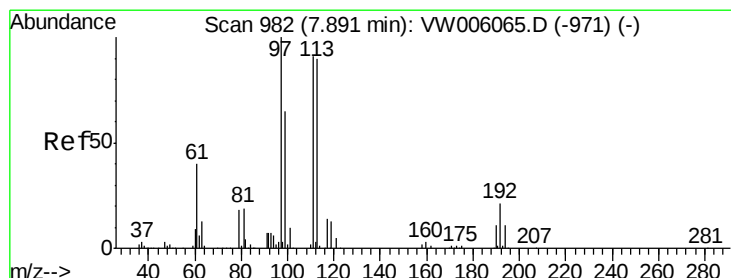
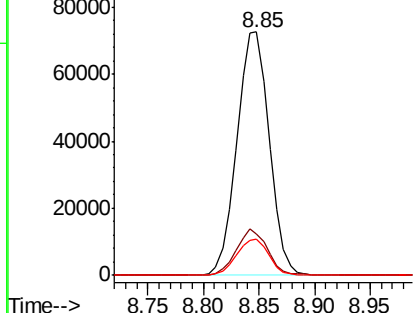
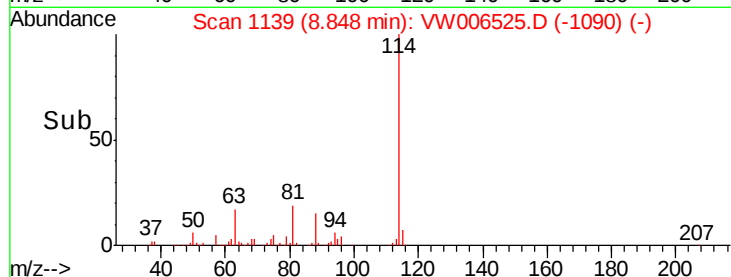
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.8
88	14.9	0.0	29.0

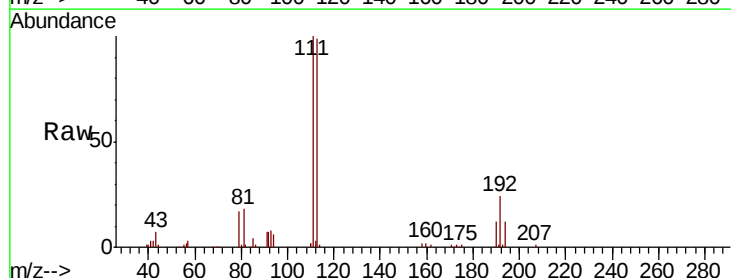


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

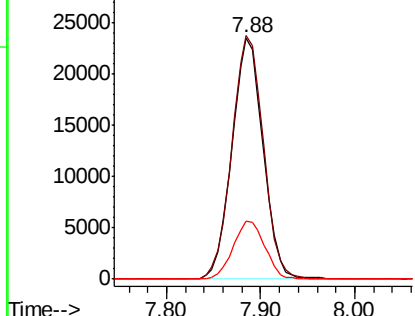
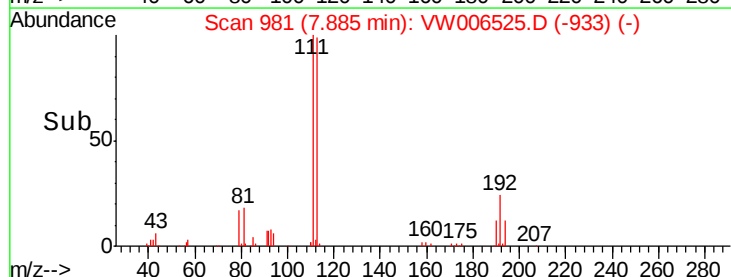


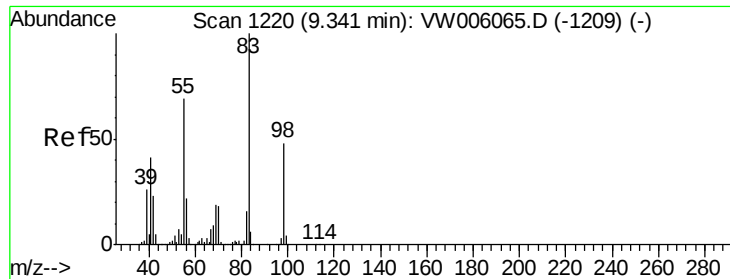
#35
 Dibromofluoromethane
 Concen: 62.476 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	24.5	18.7	28.1



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

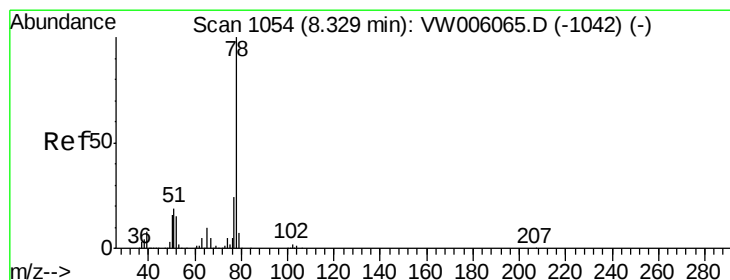
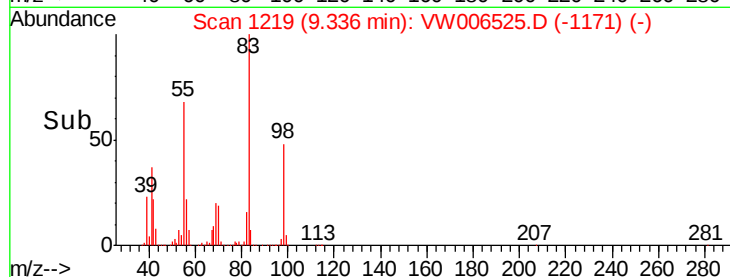
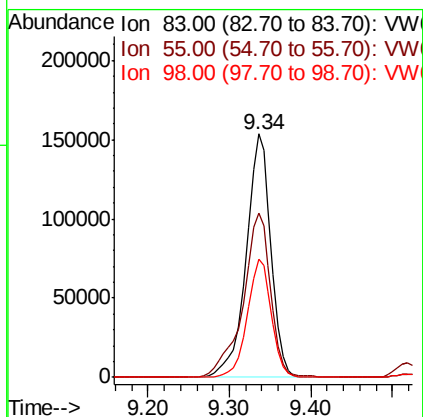
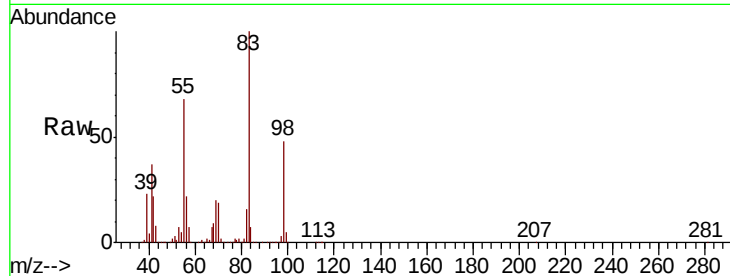




#39
Methvlcvclohexane
Concen: 180.408 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

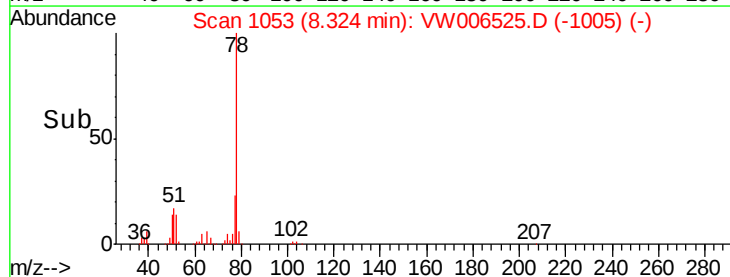
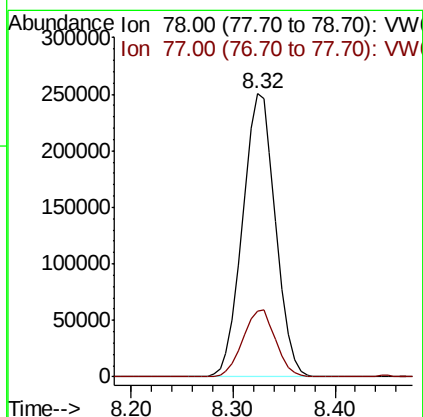
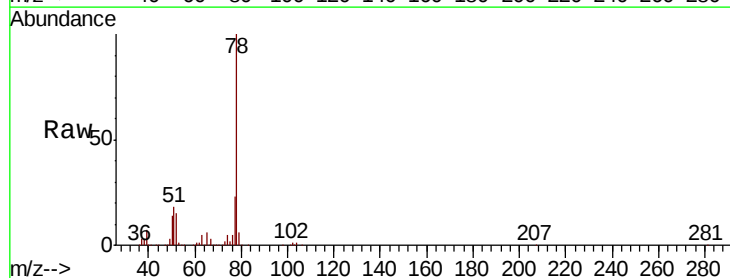
Instrument :
MSVOA_W
ClientSampleId :
SB-3

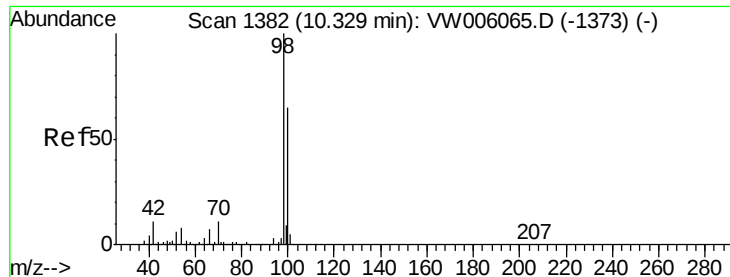
Tot Ion: 83 Resp: 323513
Ion Ratio Lower Upper
83 100
55 67.6 55.0 82.6
98 48.4 38.6 57.8



#40
Benzene
Concen: 151.427 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

Tgt Ion: 78 Resp: 560353
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#50

Toluene-d8

Concen: 68.582 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006525.D

Acq: 31 Oct 2018 14:52

Instrument :

MSVOA_W

ClientSampled :

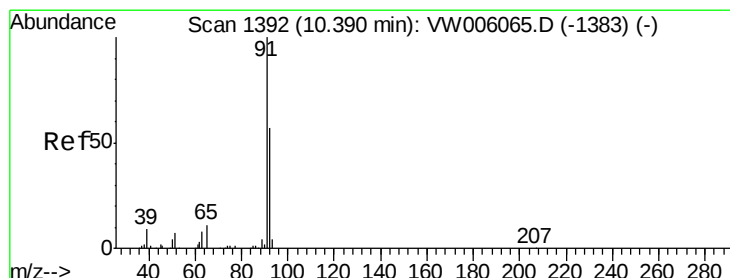
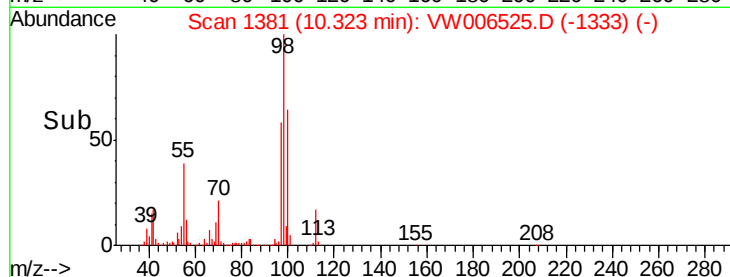
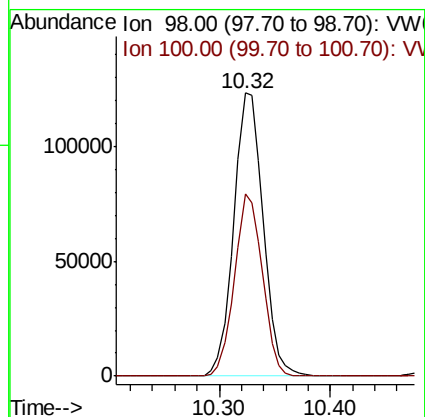
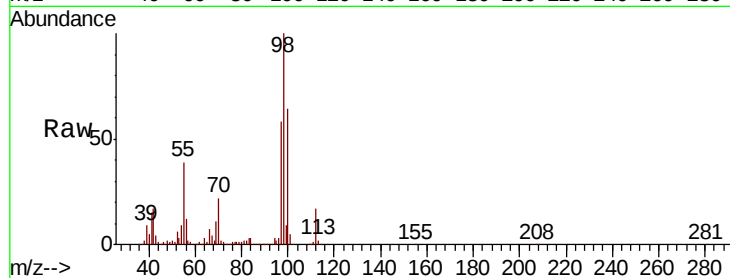
SB-3

Tot Ion: 98 Resp: 225652

Ion Ratio Lower Upper

98 100

100 60.9 51.6 77.4



#52

Toluene

Concen: 168.694 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006525.D

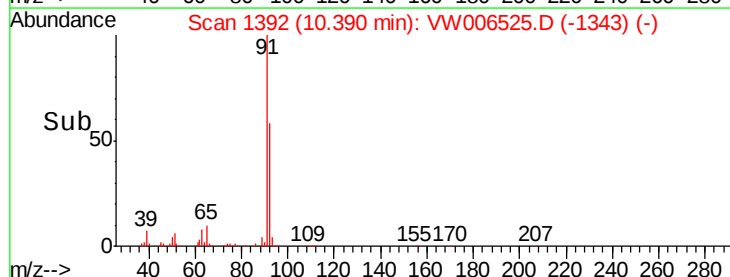
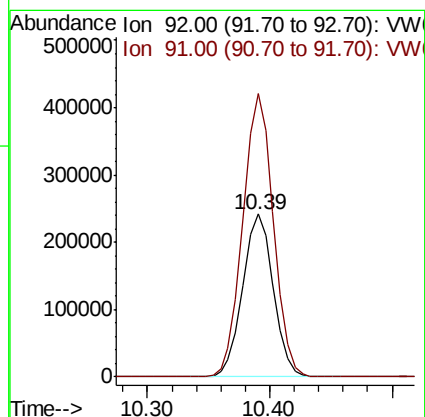
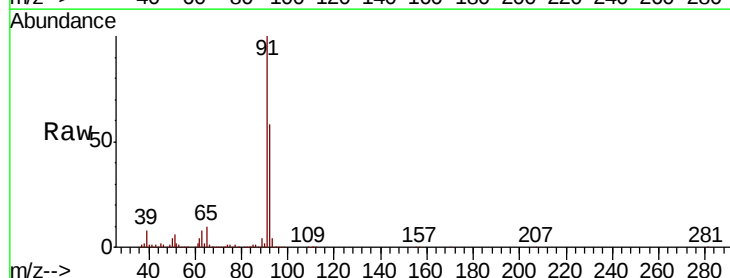
Acq: 31 Oct 2018 14:52

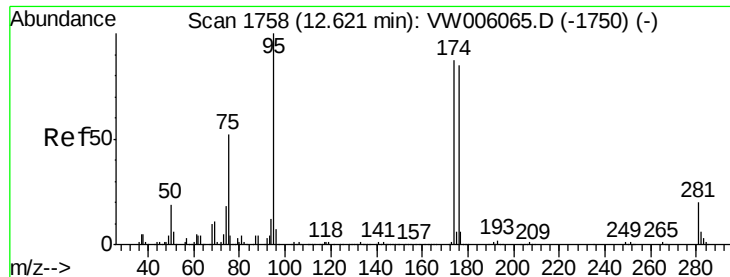
Tgt Ion: 92 Resp: 418513

Ion Ratio Lower Upper

92 100

91 173.7 140.0 210.0

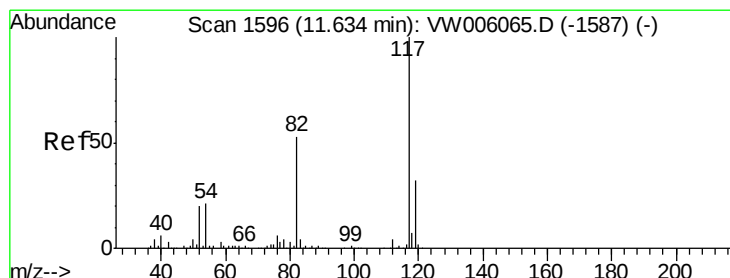
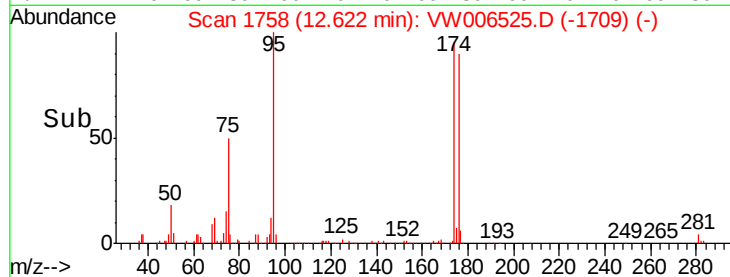
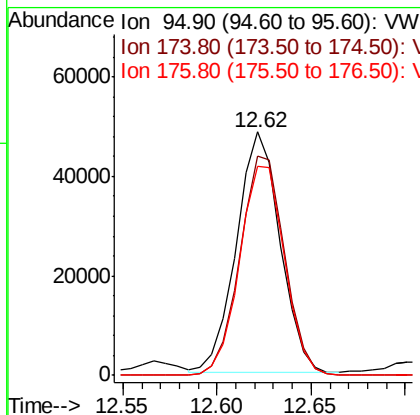
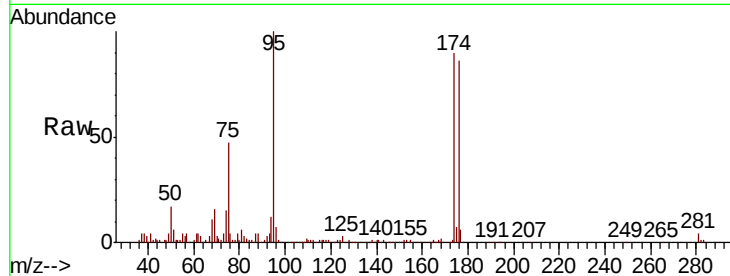




#62
4-Bromofluorobenzene
Concen: 62.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

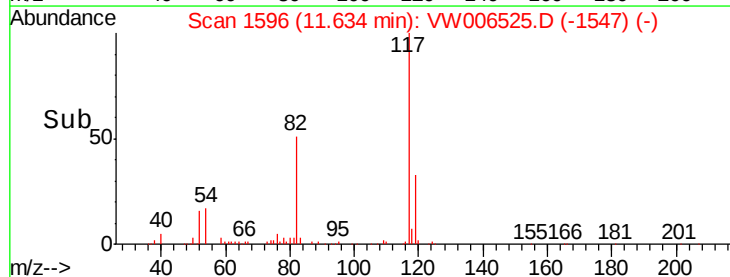
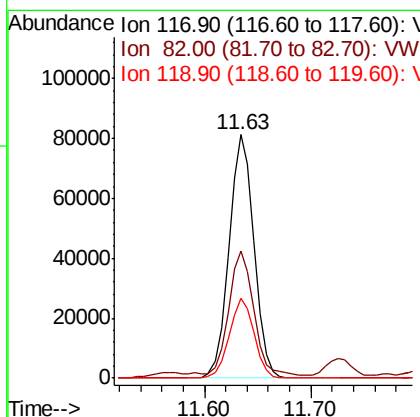
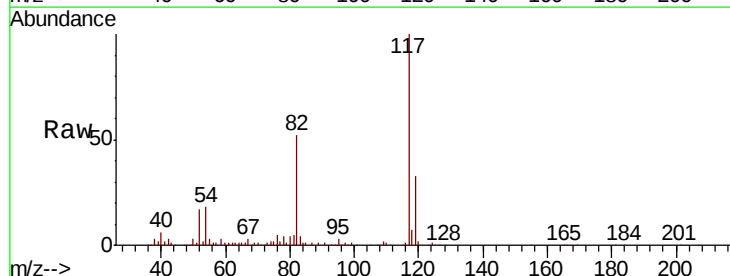
Instrument :
MSVOA_W
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SB-3

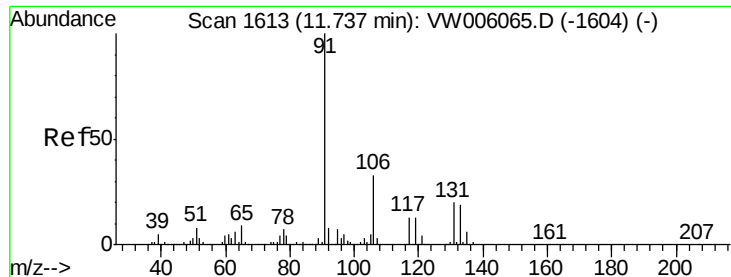
Tot Ion: 95 Resp: 77133
Ion Ratio Lower Upper
95 100
174 94.0 0.0 186.0
176 90.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

Tgt Ion: 117 Resp: 132779
Ion Ratio Lower Upper
117 100
82 50.1 42.1 63.1
119 32.8 25.8 38.6

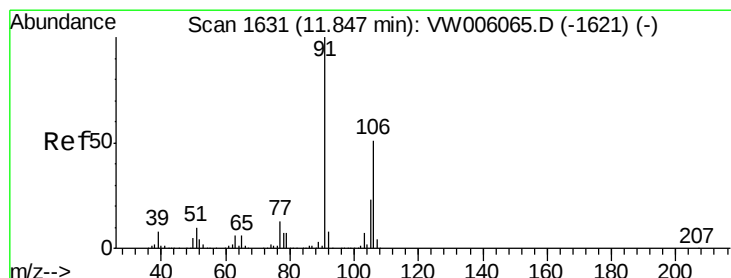
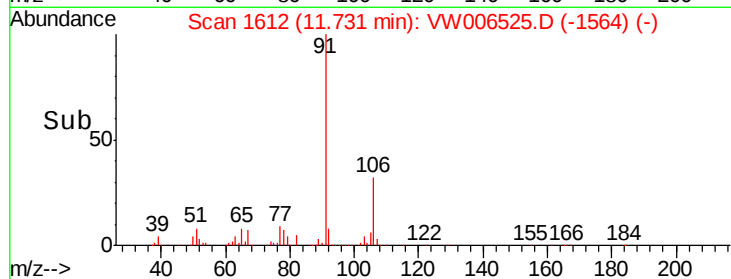
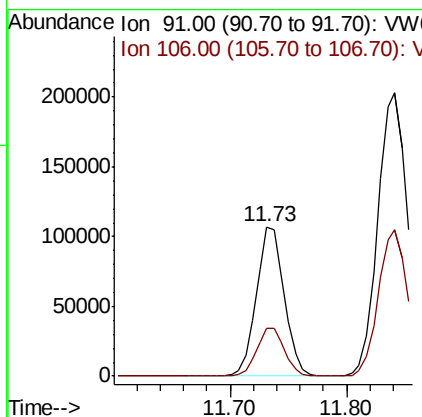
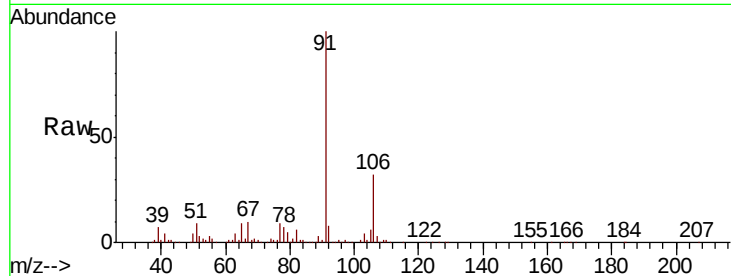




#67
Ethyl Benzene
Concen: 35.975 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

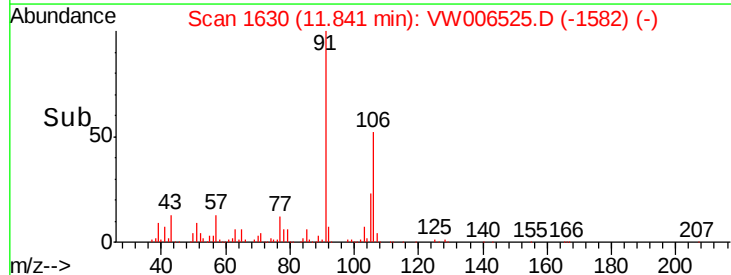
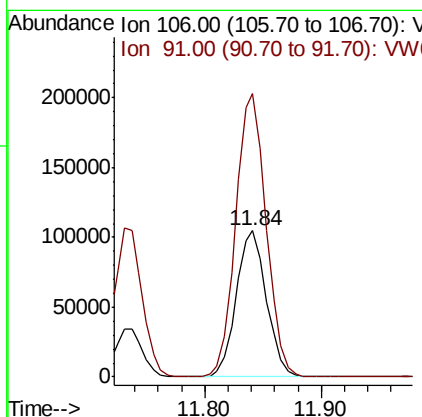
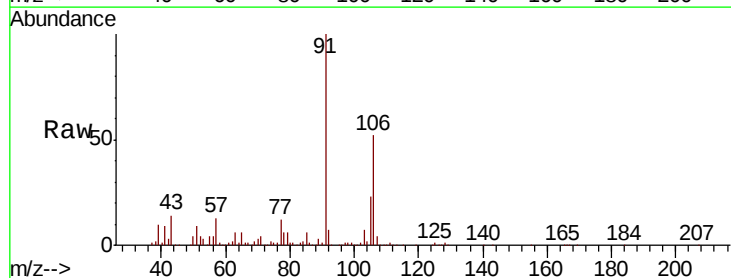
Instrument :
MSVOA_W
ClientSampled :
SB-3

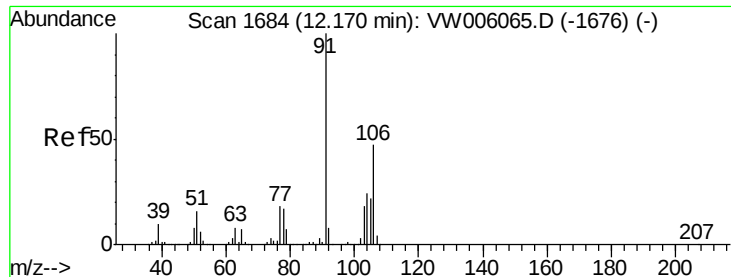
Tot Ion: 91 Resp: 177212
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 96.614 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

Tgt Ion: 106 Resp: 188108
Ion Ratio Lower Upper
106 100
91 195.4 159.1 238.7

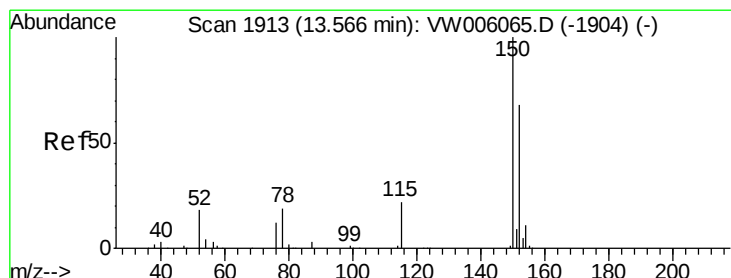
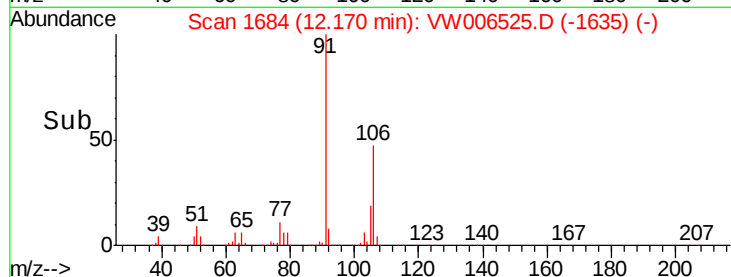
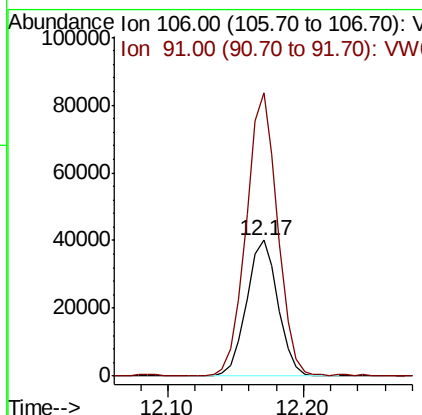
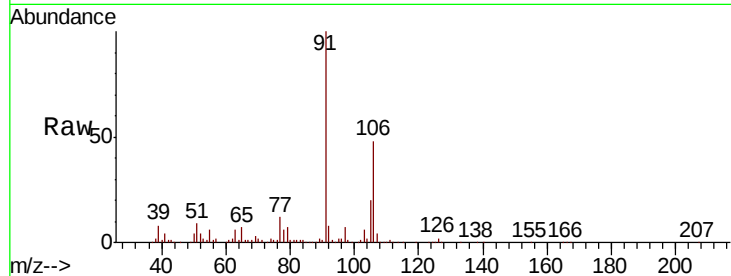




#69
o-Xylene
Concen: 34.966 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

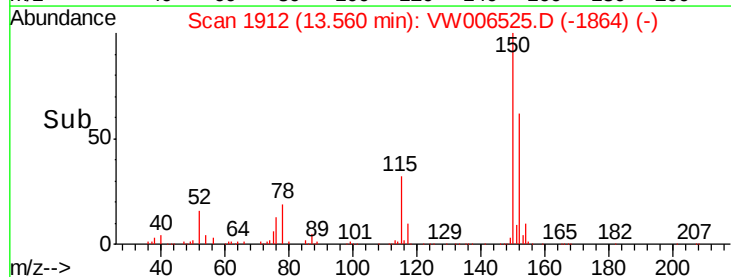
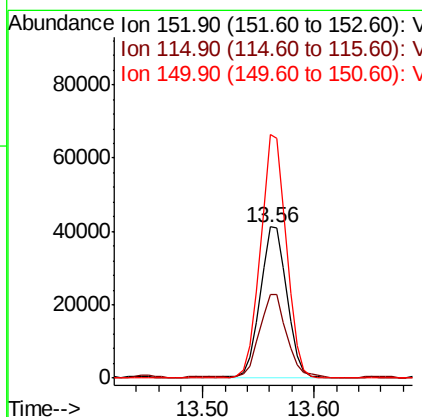
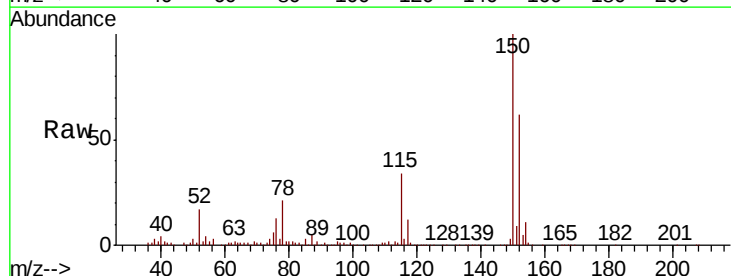
Instrument :
MSVOA_W
ClientSampled :
SB-3

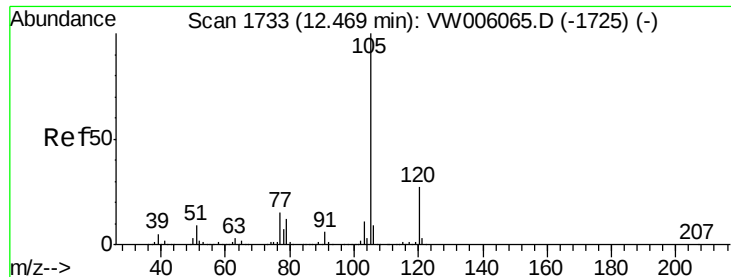
Tot Ion:106 Resp: 64882
Ion Ratio Lower Upper
106 100
91 206.4 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

Tgt Ion:152 Resp: 68646
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 157.2 0.0 349.2





#73

Isopropylbenzene

Concen: 8.040 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006525.D

Acq: 31 Oct 2018 14:52

Instrument :

MSVOA_W

ClientSampled :

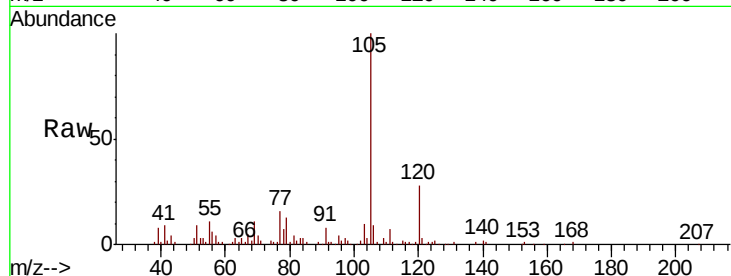
SB-3

Tot Ion:105 Resp: 38991

Ion Ratio Lower Upper

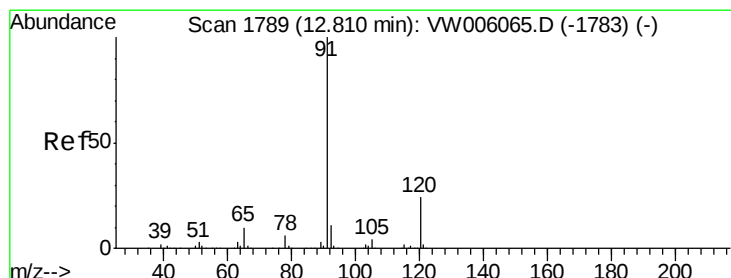
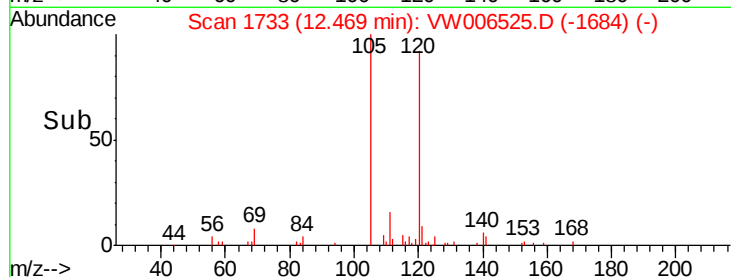
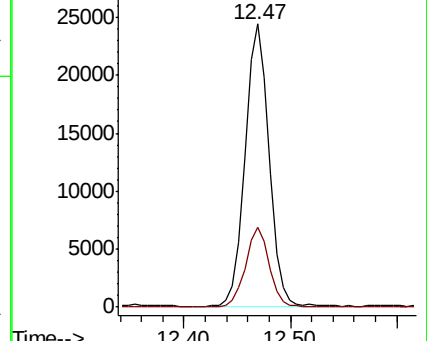
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 11.090 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006525.D

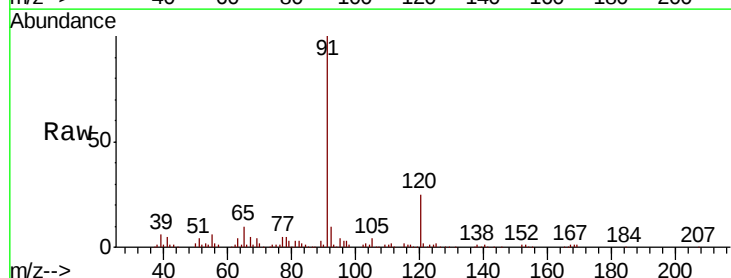
Acq: 31 Oct 2018 14:52

Tgt Ion: 91 Resp: 62571

Ion Ratio Lower Upper

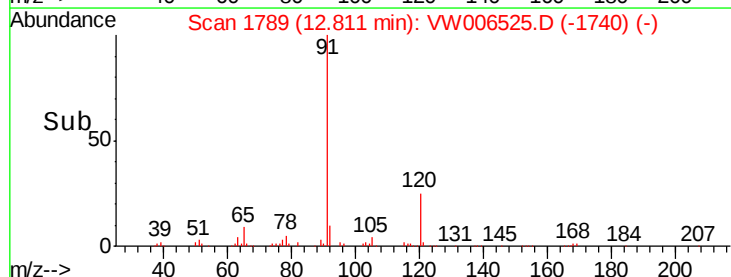
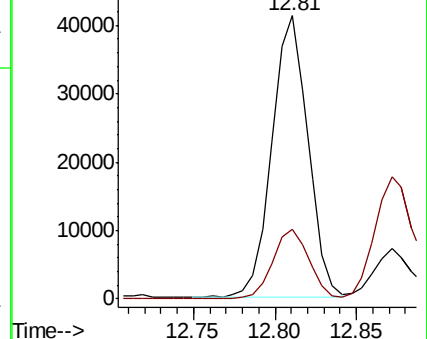
91 100

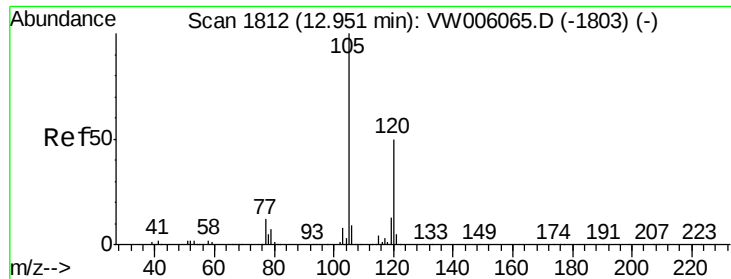
120 24.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

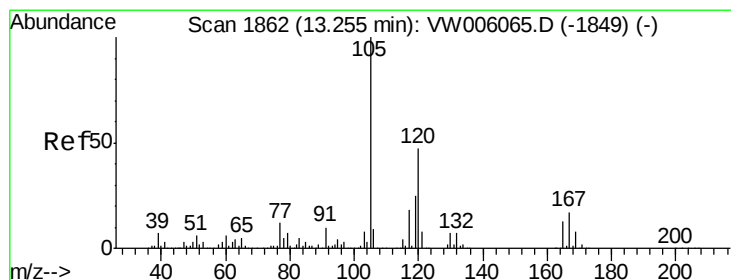
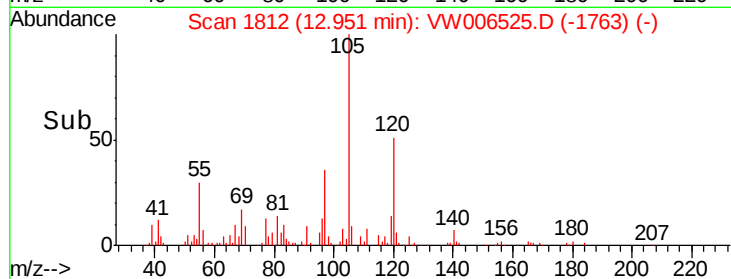
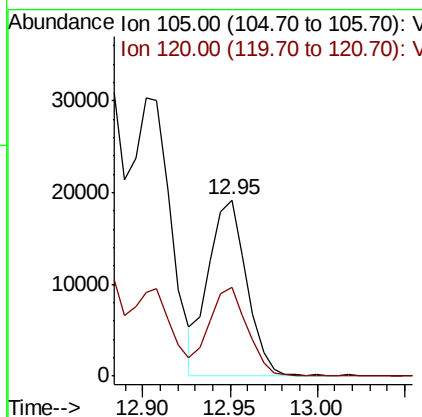
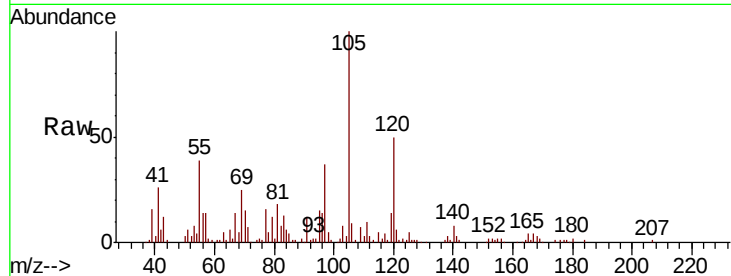




#80
 1,3,5-Trimethylbenzene
 Concen: 7.086 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

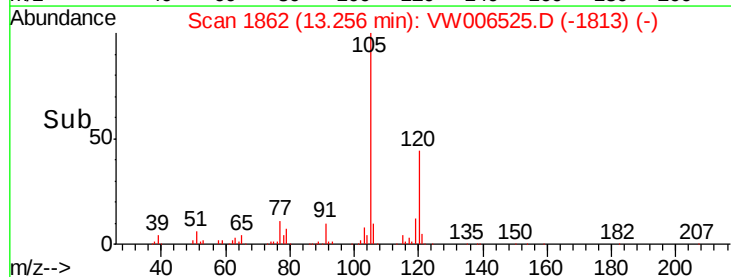
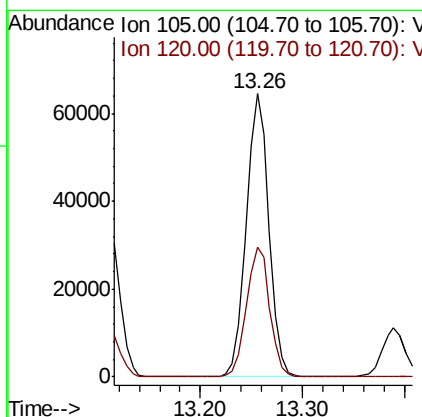
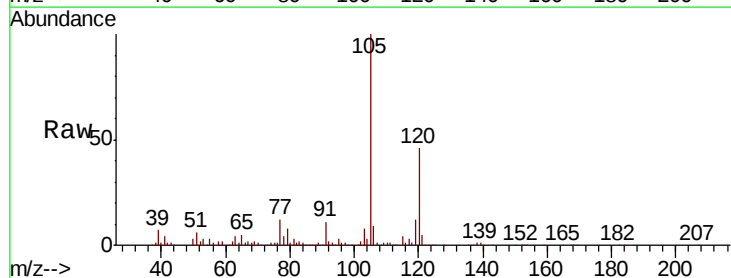
Instrument :
 MSVOA_W
 ClientSampled :
 SB-3

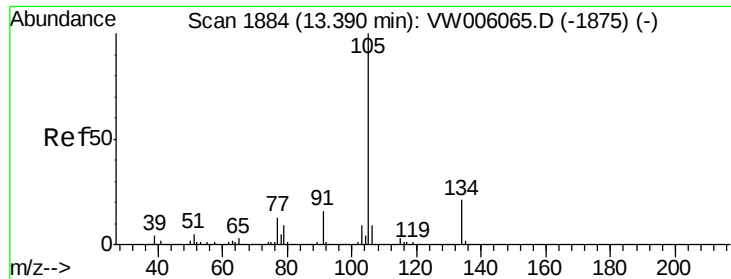
Tot Ion:105 Resp: 28971
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 23.885 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

Tgt Ion:105 Resp: 98813
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.1 69.3

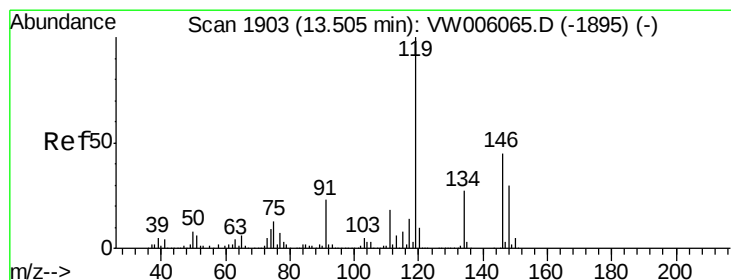
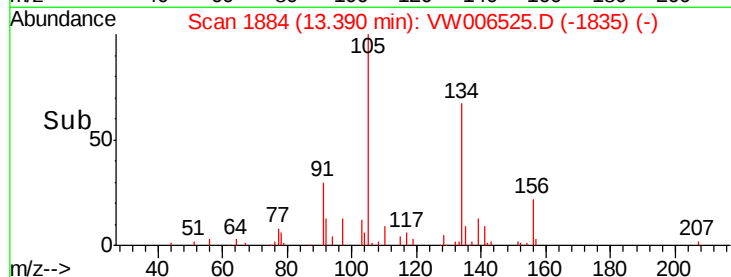
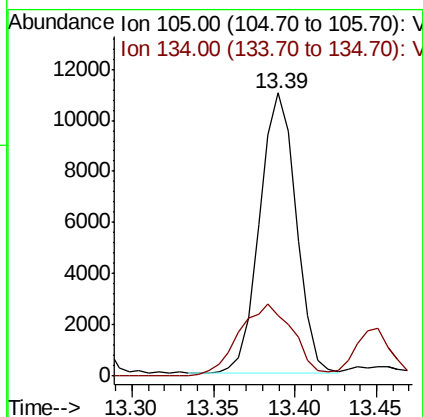
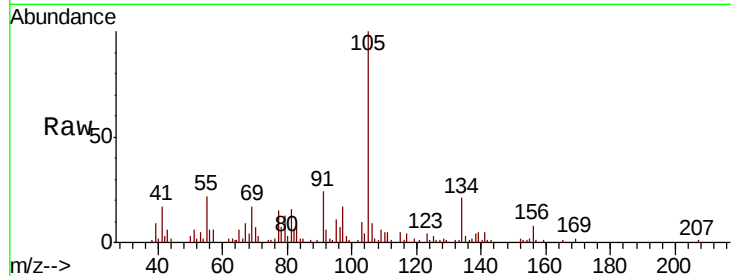




#85
 sec-Butylbenzene
 Concen: 3.317 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

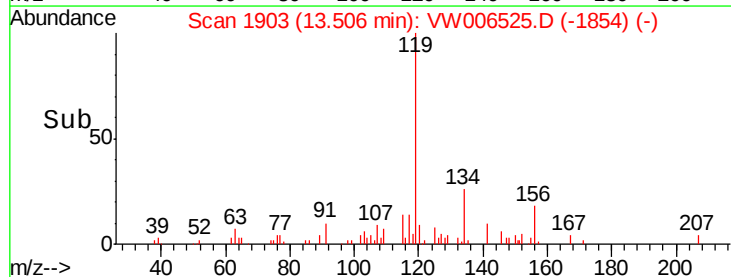
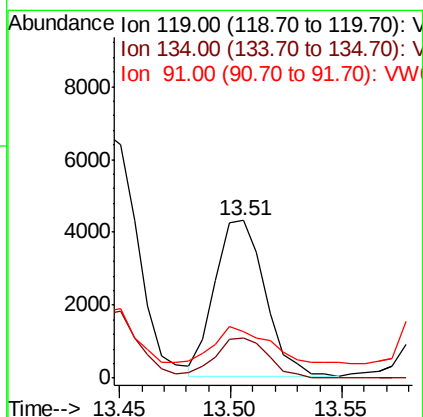
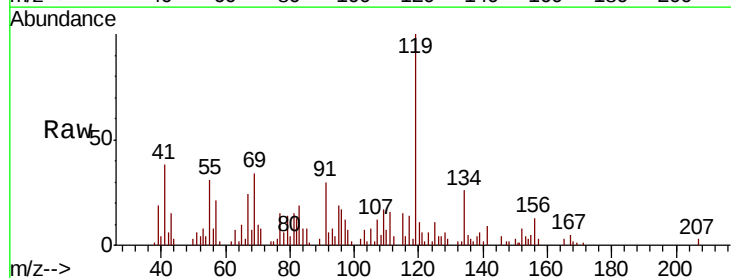
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

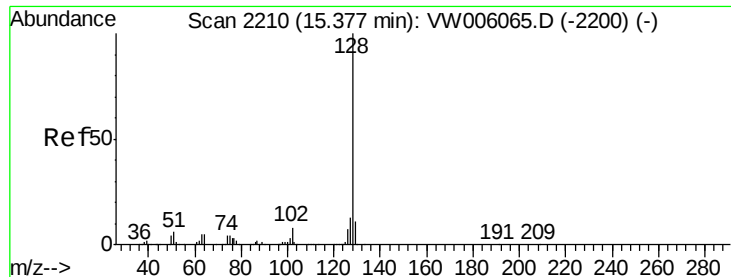
Tot Ion:105 Resp: 17140
 Ion Ratio Lower Upper
 105 100
 134 38.2 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 1.429 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006525.D
 Acq: 31 Oct 2018 14:52

Tgt Ion:119 Resp: 6677
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.4 40.2
 91 26.5 11.4 34.1

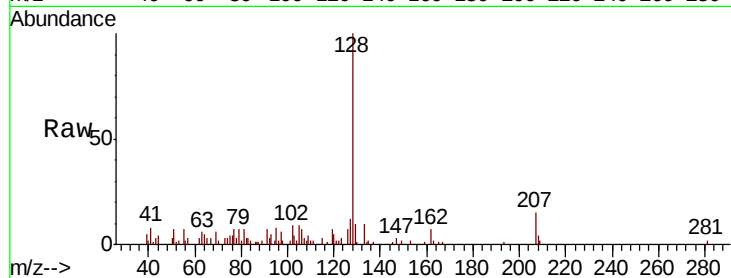




#95
Naphthalene
Concen: 3.210 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006525.D
Acq: 31 Oct 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
SB-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.3	15.5#
129	5.9	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

