

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003982.D
 Acq On : 17 Jul 2018 14:00
 Operator : VA/AP
 Sample : J3975-03RE
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6RE

Quant Time: Jul 17 14:31:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5708	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	13843	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	7.88	113	12894	65.86	ug/l	0.00
Spiked Amount			Recovery	=	131.72%	
50) Toluene-d8	10.33	98	34386	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.63	95	7421	27.09	ug/l	0.00
Spiked Amount			Recovery	=	54.18%	

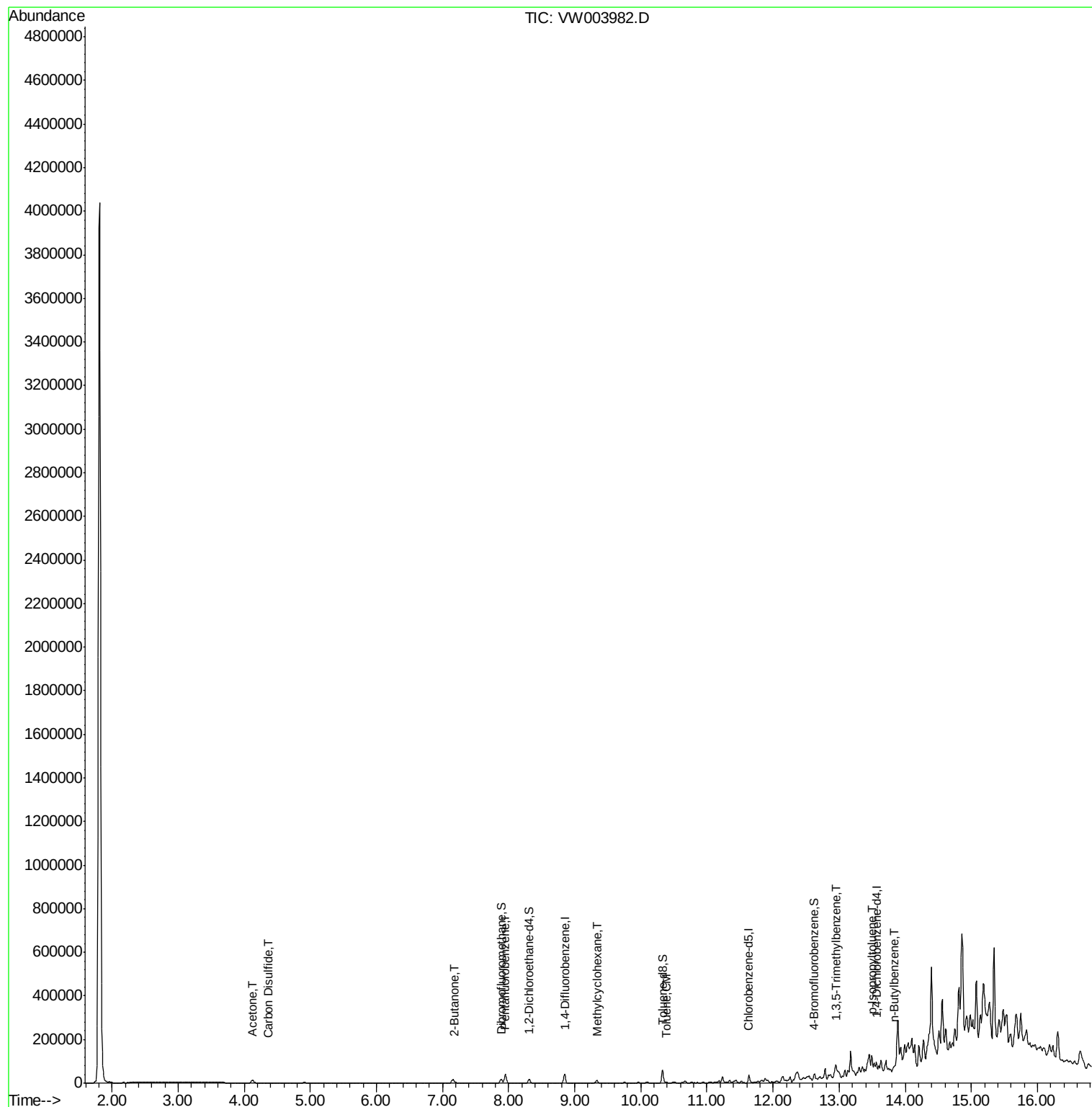
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	21447	306.14	ug/l	91
17) Carbon Disulfide	4.36	76	3168	4.00	ug/l #	92
25) 2-Butanone	7.18	43	4834	51.28	ug/l	93
39) Methylcyclohexane	9.34	83	4103	11.16	ug/l	90
52) Toluene	10.40	92	793	1.47	ug/l #	70
80) 1,3,5-Trimethylbenzene	12.94	105	766	2.26	ug/l	98
86) p-Isopropyltoluene	13.51	119	1068	2.88	ug/l #	75
89) n-Butylbenzene	13.83	91	1578	4.33	ug/l	98

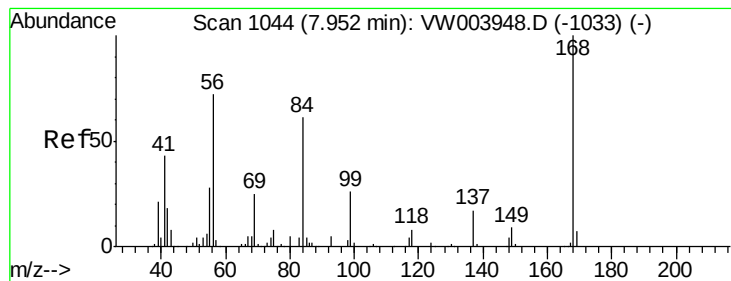
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

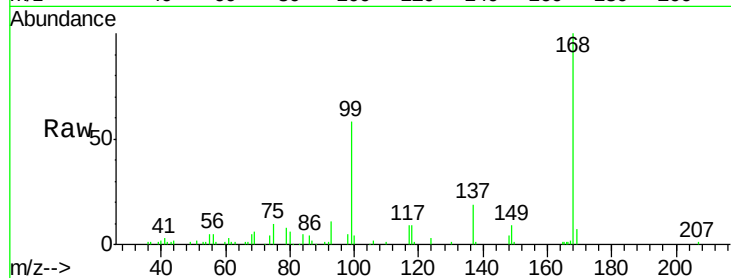
PAR-6RE

Tot Ion:168 Resp: 26081

Ion Ratio Lower Upper

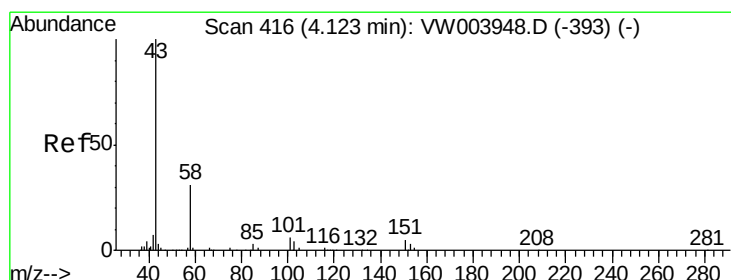
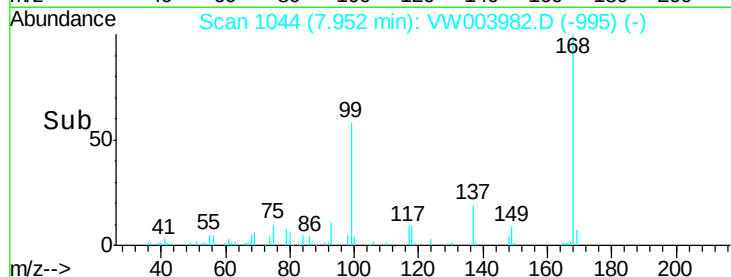
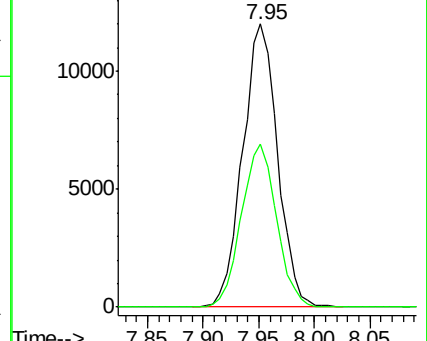
168 100

99 57.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 306.14 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003982.D

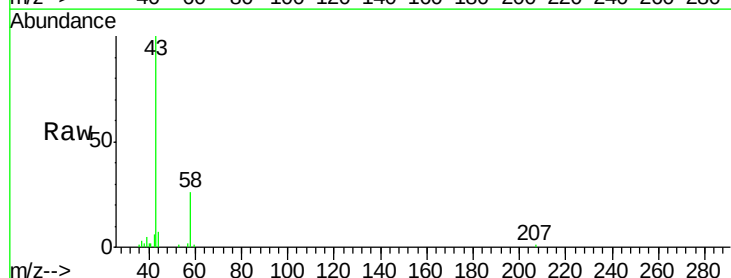
Acq: 17 Jul 2018 14:00

Tgt Ion: 43 Resp: 21447

Ion Ratio Lower Upper

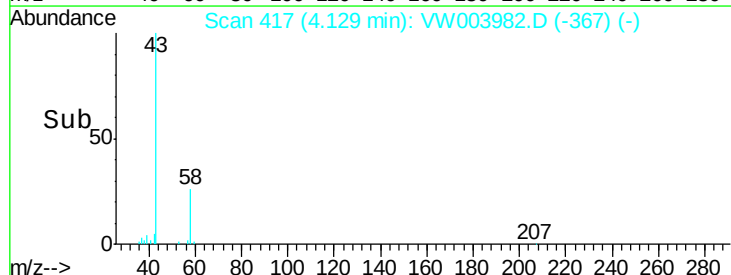
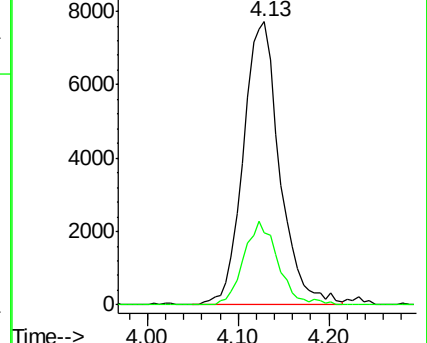
43 100

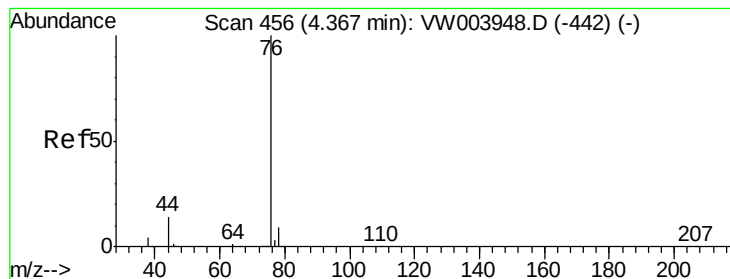
58 25.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.00 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

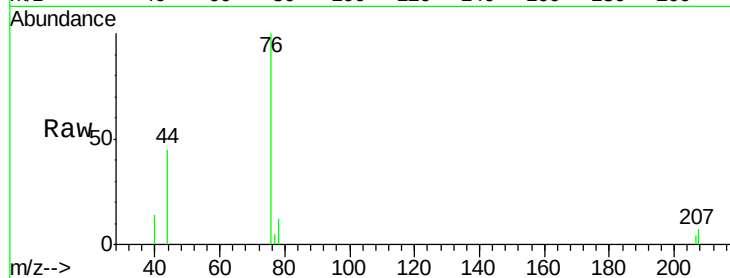
PAR-6RE

Tot Ion: 76 Resp: 3168

Ion Ratio Lower Upper

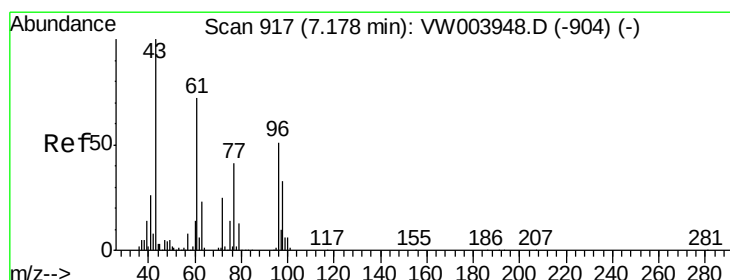
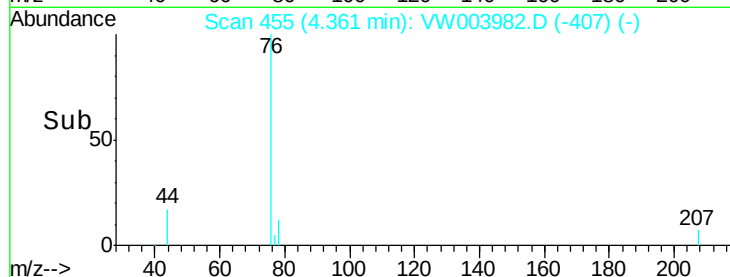
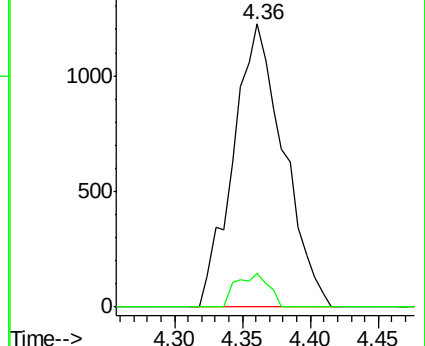
76 100

78 11.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 51.28 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW003982.D

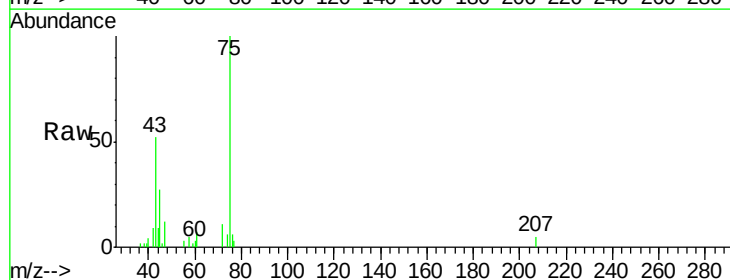
Acq: 17 Jul 2018 14:00

Tgt Ion: 43 Resp: 4834

Ion Ratio Lower Upper

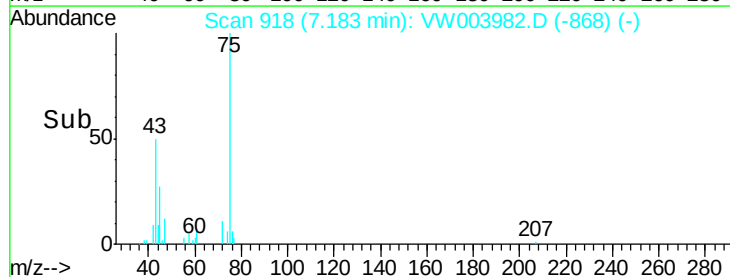
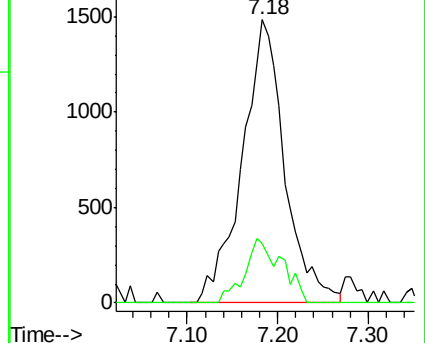
43 100

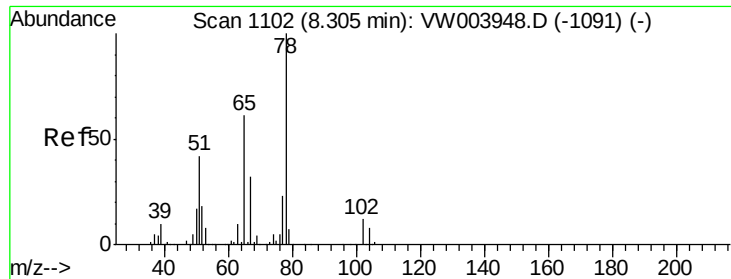
72 21.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

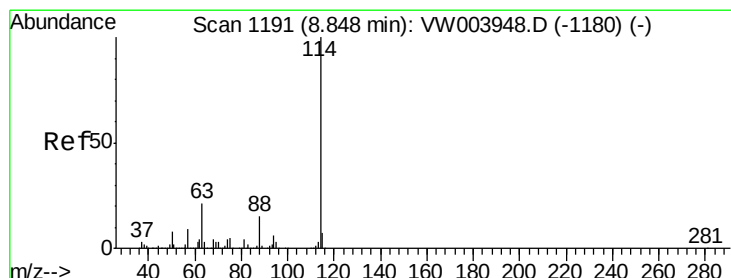
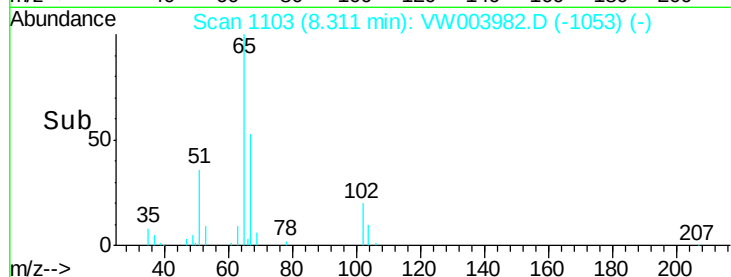
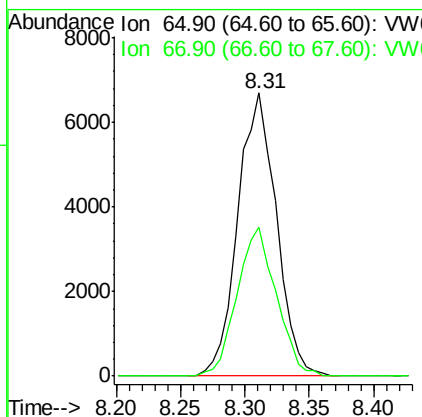
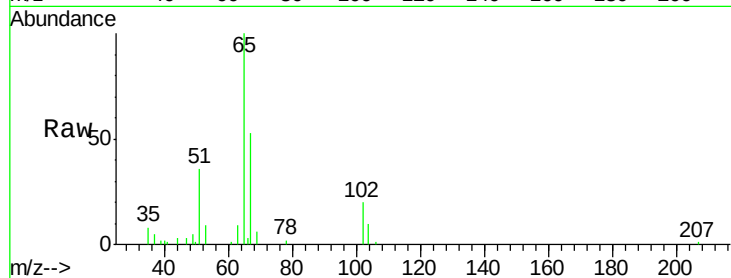




#33
 1,2-Dichloroethane-d4
 Concen: 47.48 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

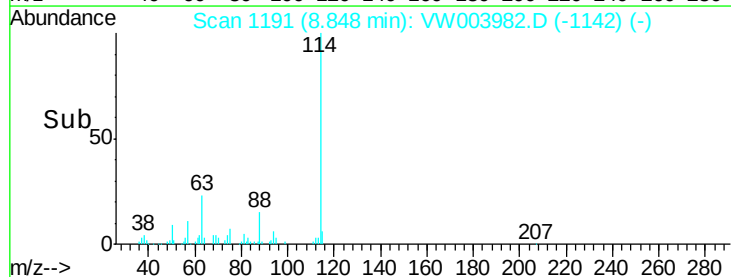
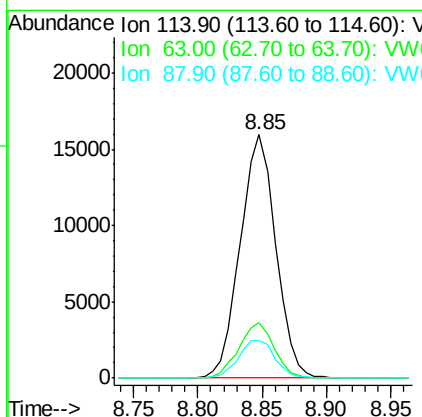
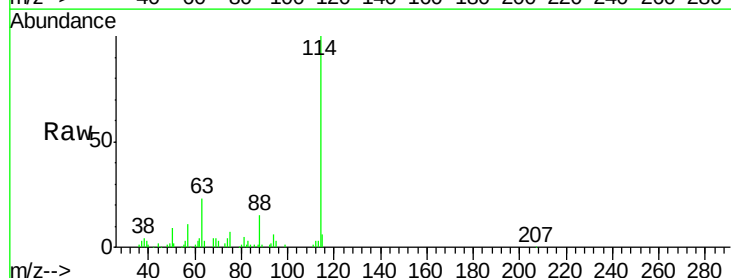
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6RE

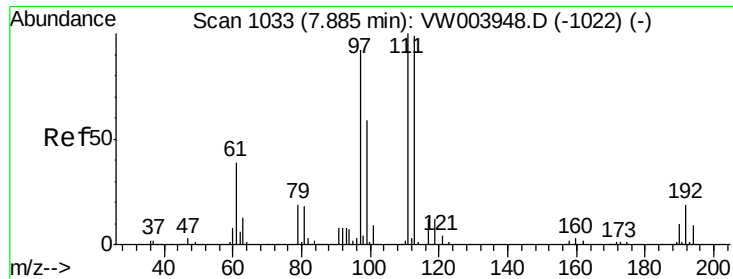
Tot Ion: 65 Resp: 13843
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion: 114 Resp: 30511
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.8
 88 15.2 0.0 30.4

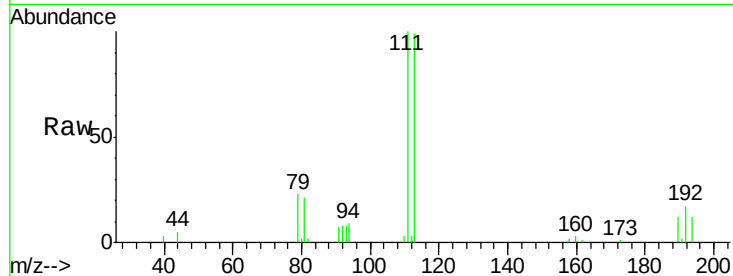




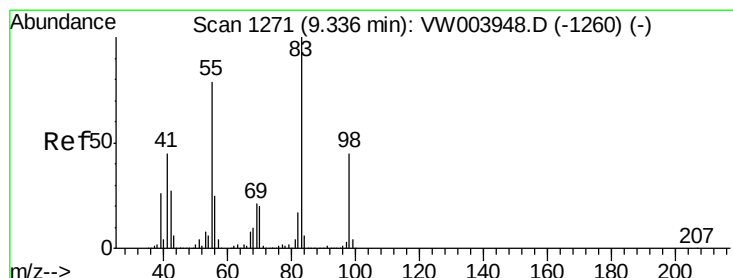
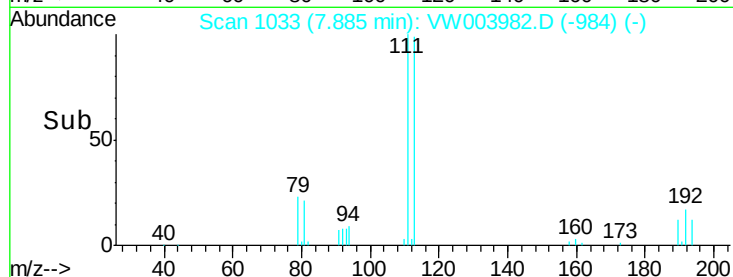
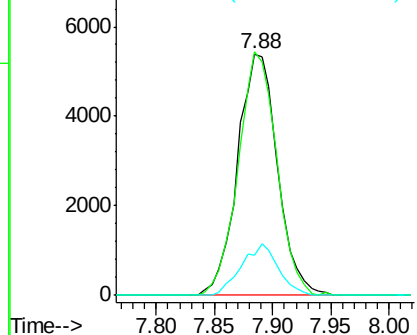
#35
Dibromofluoromethane
Concen: 65.86 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

Tot Ion:113 Resp: 12894
Ion Ratio Lower Upper
113 100
111 97.1 81.3 121.9
192 19.7 15.8 23.6

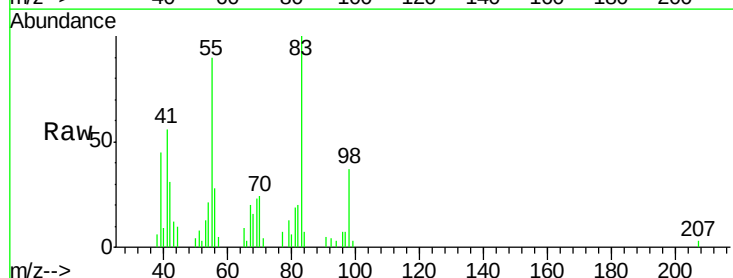


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

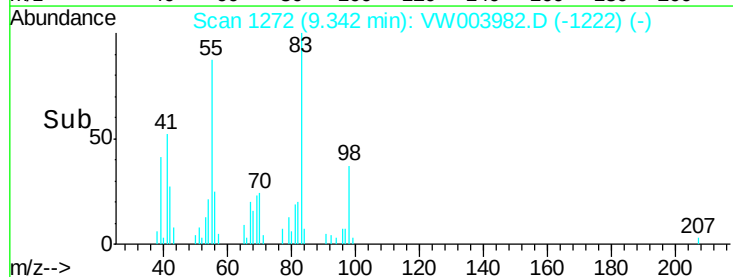
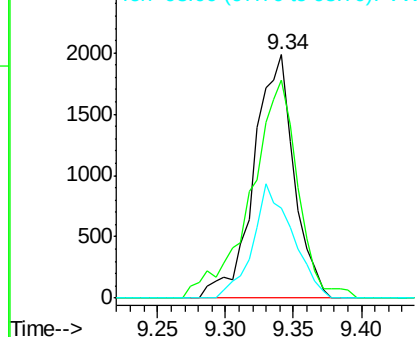


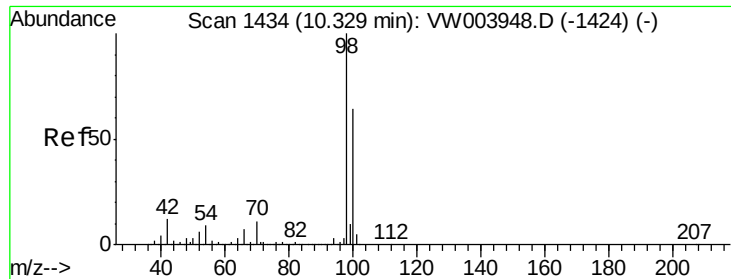
#39
Methylcyclohexane
Concen: 11.16 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
55 85.4 62.8 94.2
98 37.1 36.2 54.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

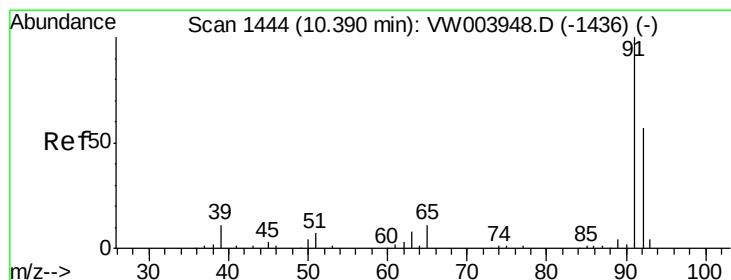
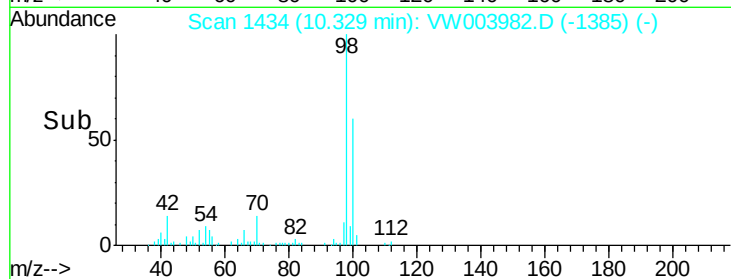
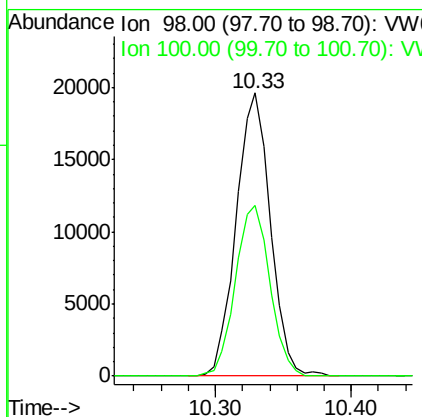
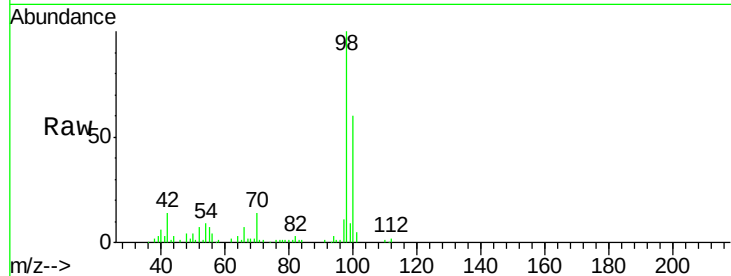




#50
Toluene-d8
Concen: 45.27 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

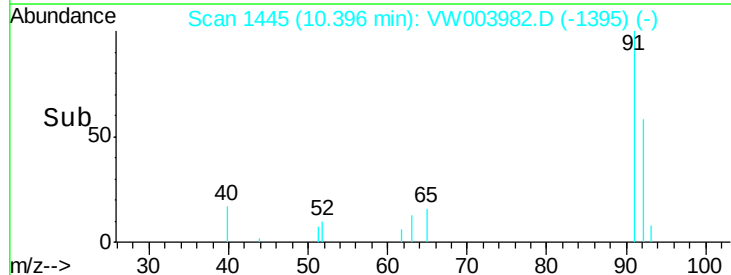
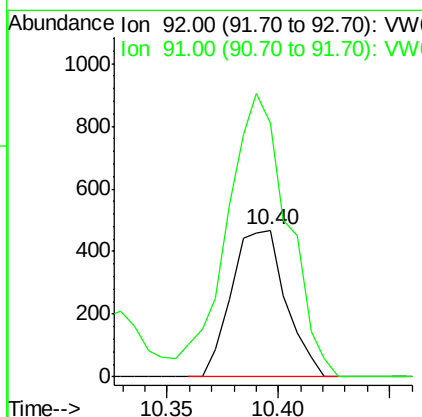
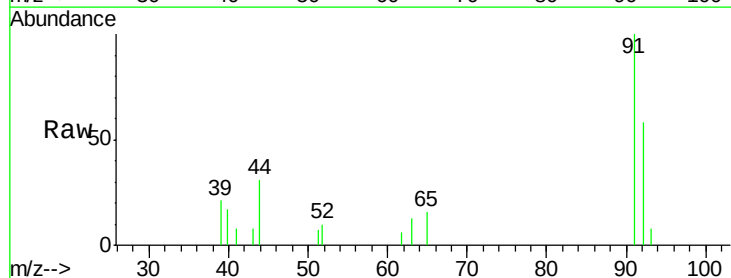
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

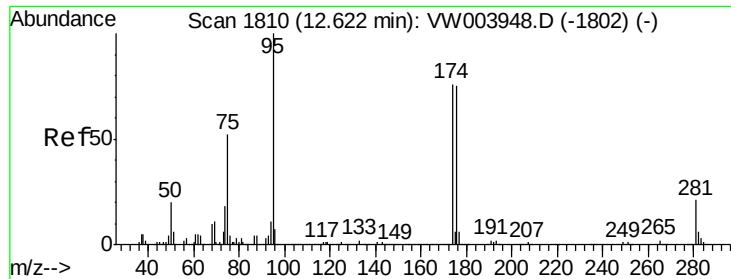
Tot Ion: 98 Resp: 34386
Ion Ratio Lower Upper
98 100
100 60.8 51.2 76.8



#52
Toluene
Concen: 1.47 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 92 Resp: 793
Ion Ratio Lower Upper
92 100
91 216.9 139.6 209.4#

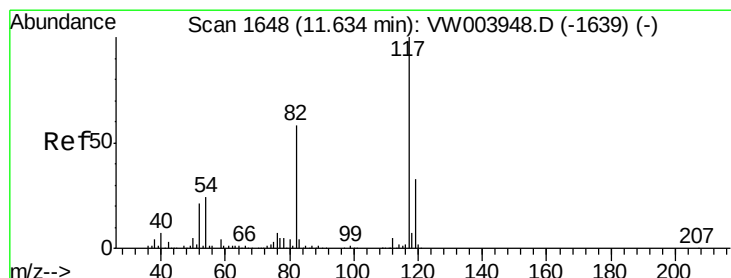
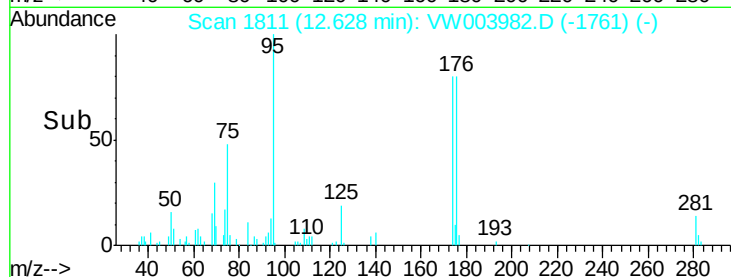
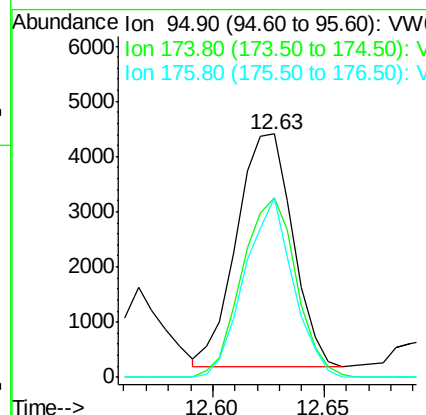
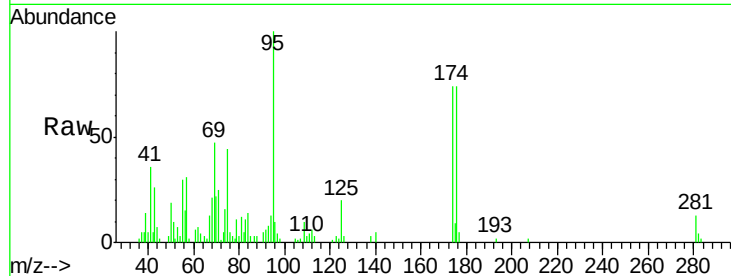




#62
4-Bromofluorobenzene
Concen: 27.09 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

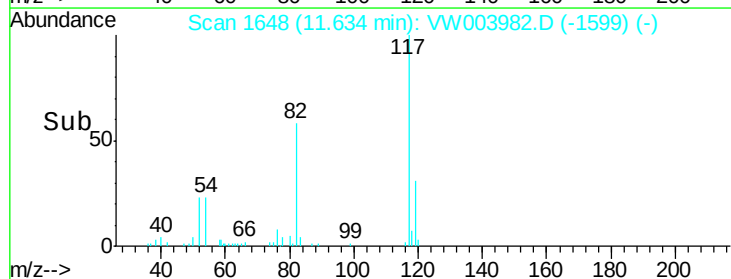
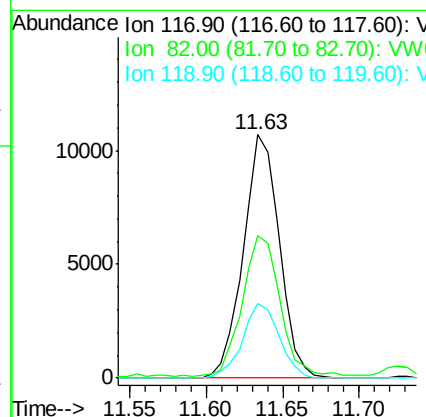
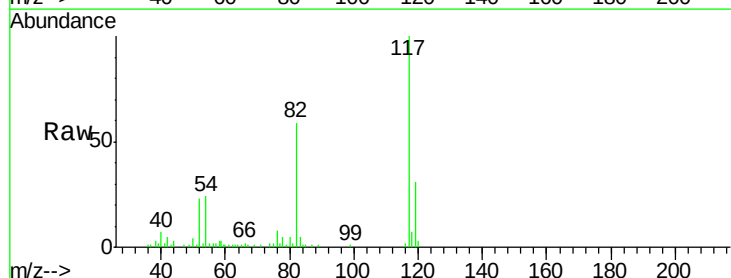
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

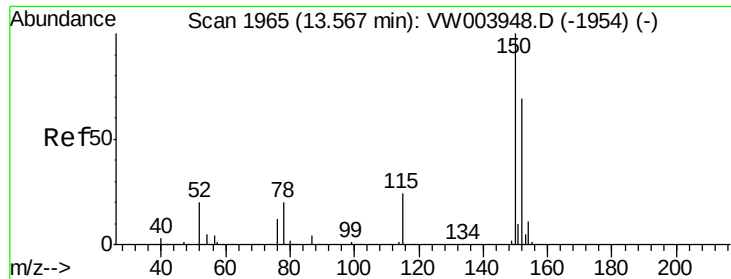
Tot Ion: 95 Resp: 7421
Ion Ratio Lower Upper
95 100
174 74.4 0.0 160.2
176 66.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 117 Resp: 17516
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 30.8 26.2 39.2

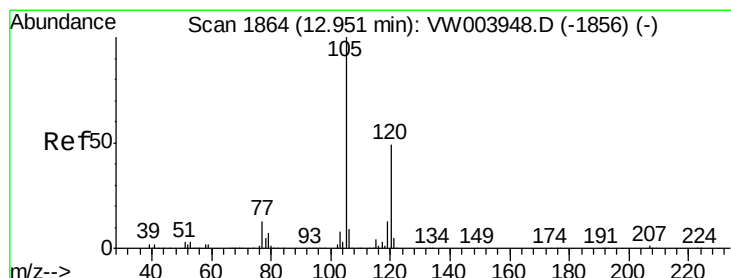
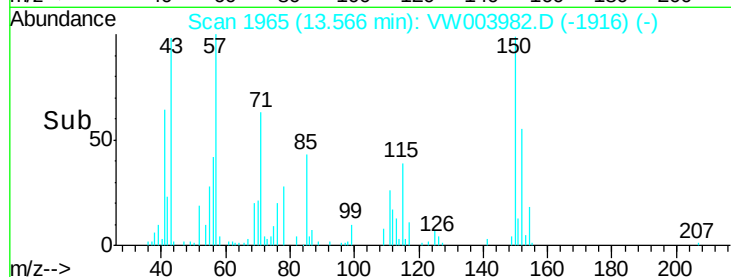
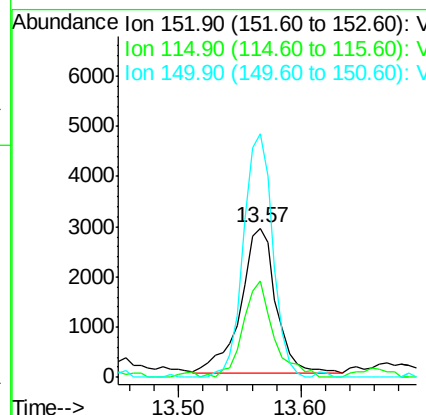
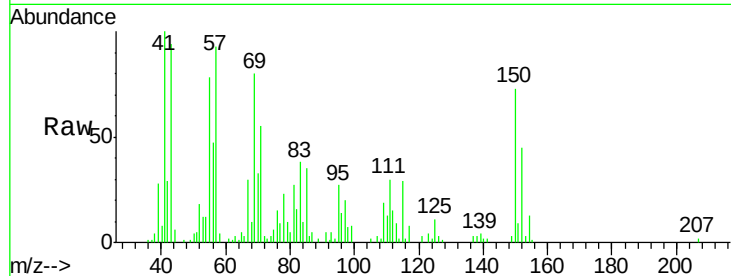




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

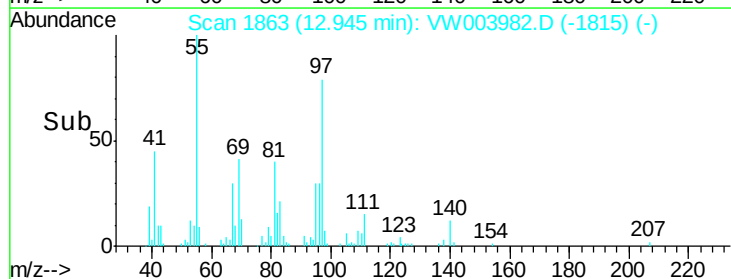
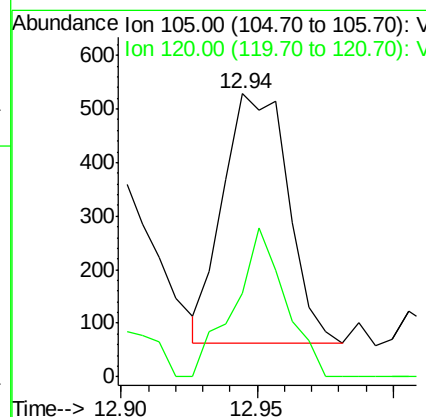
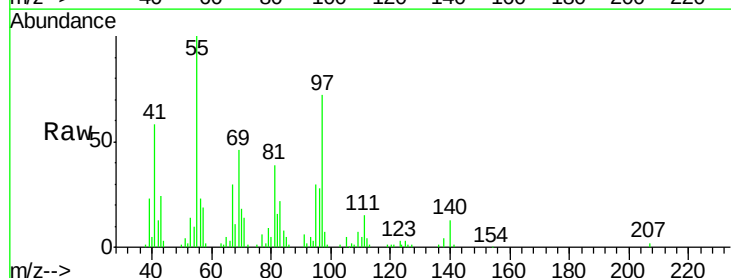
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

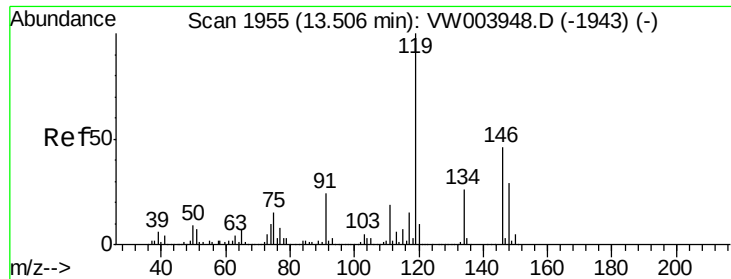
Tot Ion:152 Resp: 5708
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.2 87.6
 150 140.9 0.0 345.2



#80
 1,3,5-Trimethylbenzene
 Concen: 2.26 ug/l
 RT: 12.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion:105 Resp: 766
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.4 73.2

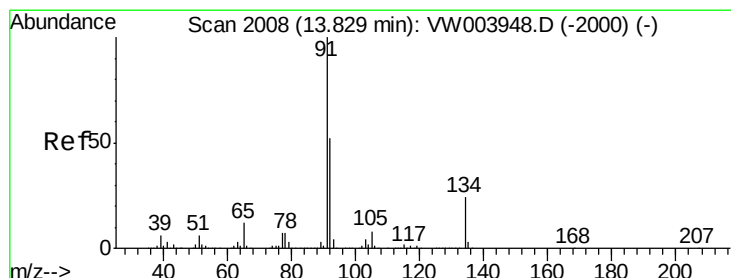
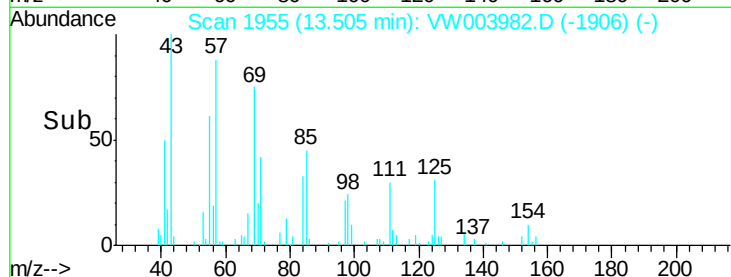
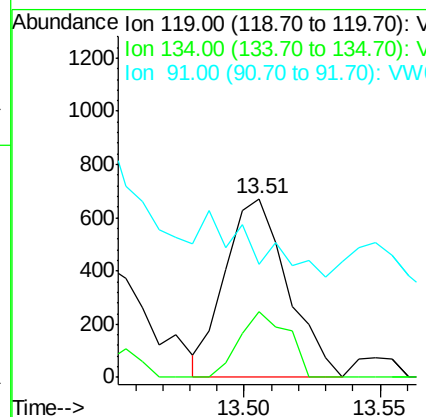
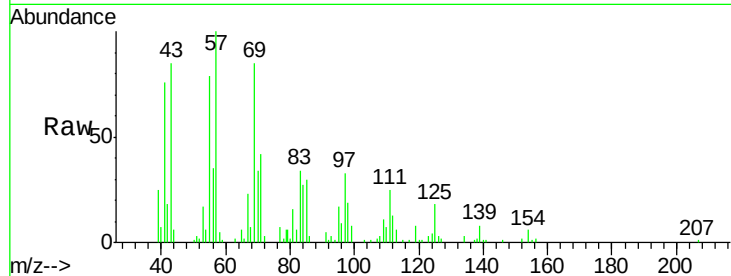




#86
 p-Isopropyltoluene
 Concen: 2.88 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

Tot Ion: 119 Resp: 1068
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.0 38.9
 91 0.0 11.8 35.3#



#89
 n-Butylbenzene
 Concen: 4.33 ug/l
 RT: 13.83 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion: 91 Resp: 1578
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.1 78.3
 134 21.9 12.4 37.4

