

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003961.D
 Acq On : 16 Jul 2018 19:42
 Operator : VA/AP
 Sample : J3975-07
 Misc : 5.40G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-8

Quant Time: Jul 17 06:51:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96655	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	122752	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	106104	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	10.33	98	384240	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.62	95	114856	37.29	ug/l	0.00
Spiked Amount			Recovery	=	74.58%	

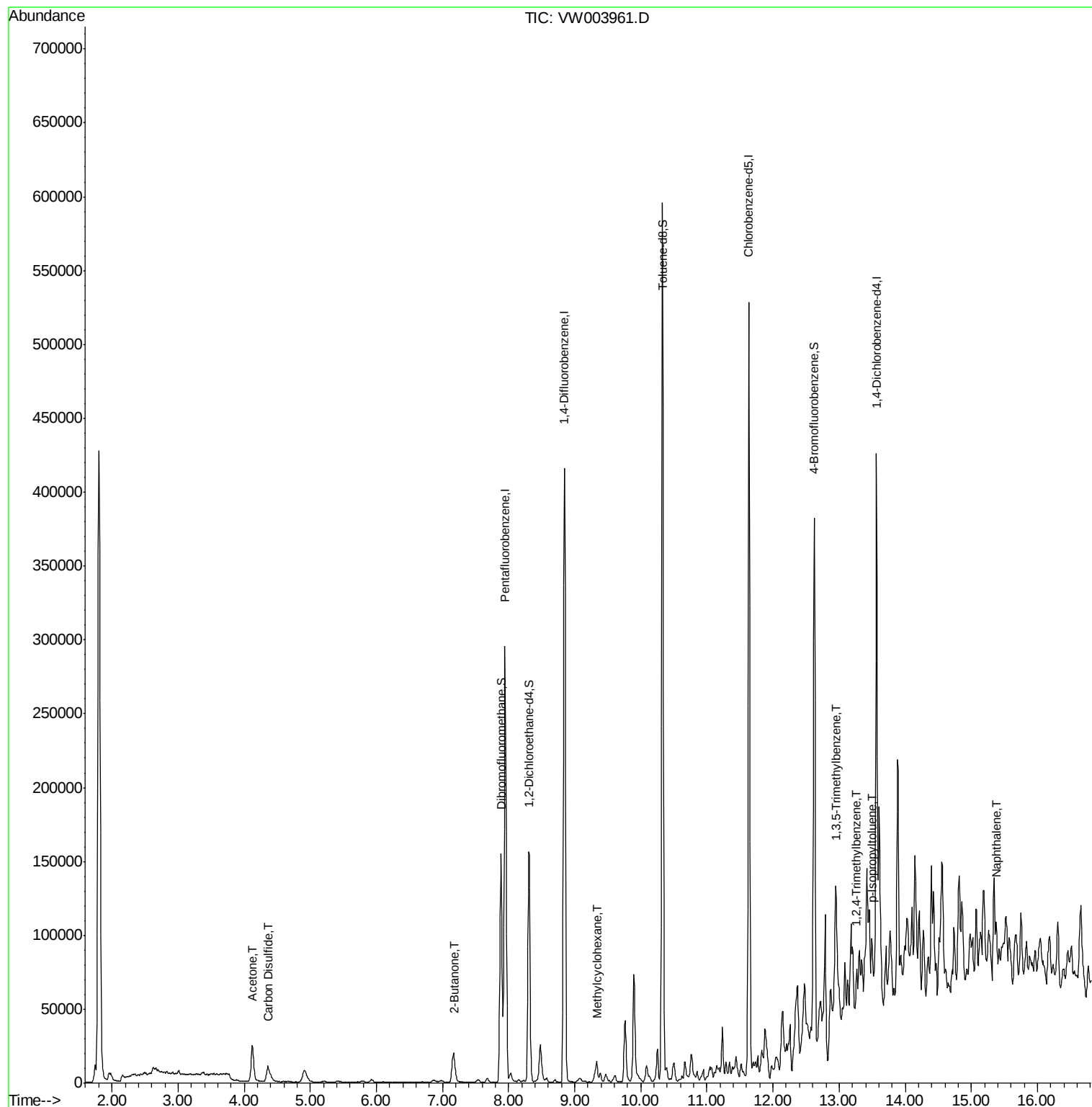
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	43105	74.95	ug/l	99
17) Carbon Disulfide	4.36	76	26992	4.16	ug/l	96
25) 2-Butanone	7.18	43	9726	12.57	ug/l	96
39) Methylcyclohexane	9.34	83	4301	1.04	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	9826	1.71	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	14979	2.53	ug/l	97
86) p-Isopropyltoluene	13.51	119	9239	1.47	ug/l	93
95) Naphthalene	15.38	128	36304	9.63	ug/l #	94

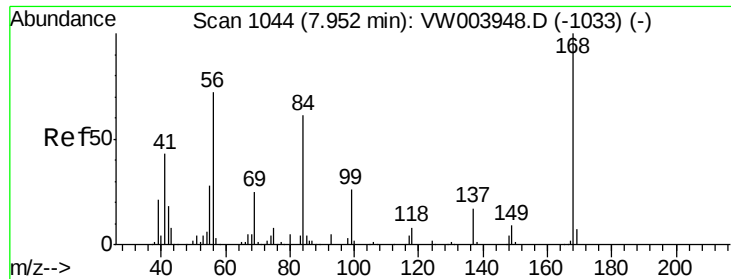
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
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: VW003961.D

Acq: 16 Jul 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

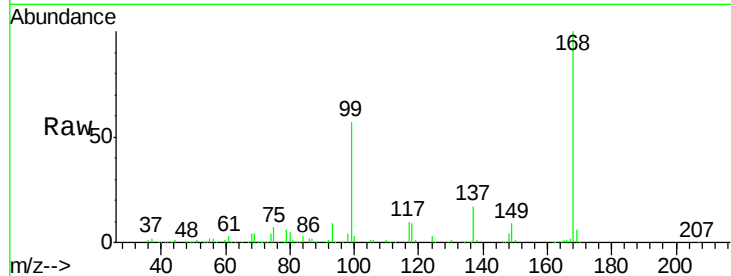
PAR-8

Tot Ion:168 Resp: 214106

Ion Ratio Lower Upper

168 100

99 56.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

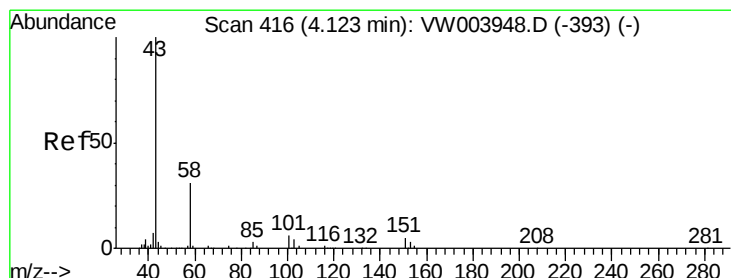
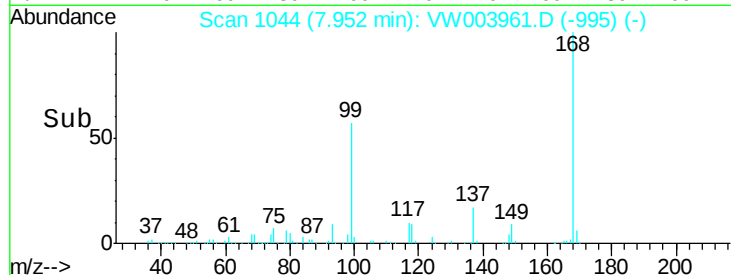
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 74.95 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003961.D

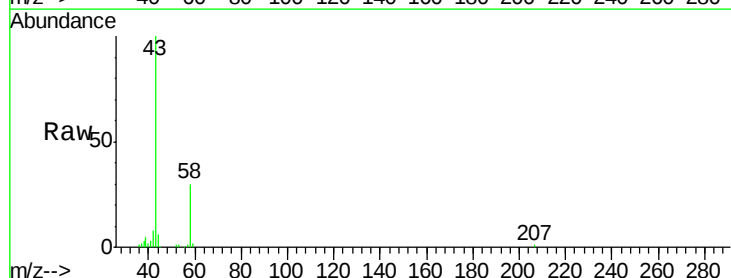
Acq: 16 Jul 2018 19:42

Tgt Ion: 43 Resp: 43105

Ion Ratio Lower Upper

43 100

58 30.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

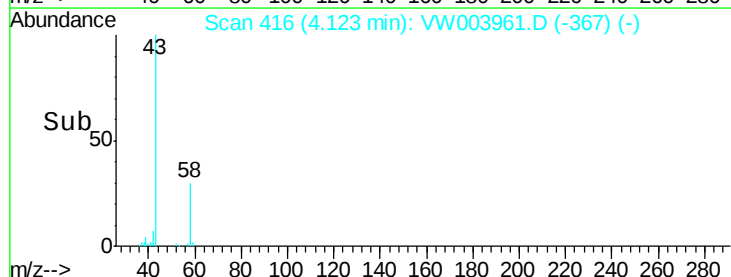
15000

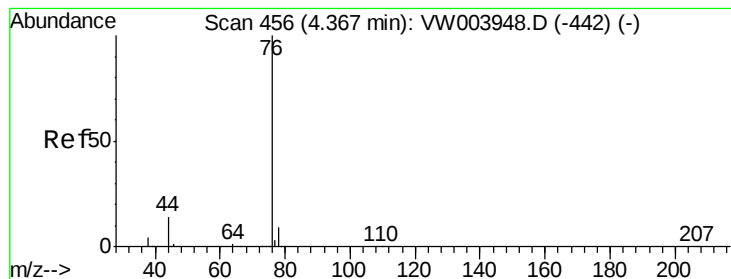
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 4.16 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003961.D

Acq: 16 Jul 2018 19:42

Instrument :

MSVOA_W

ClientSampled :

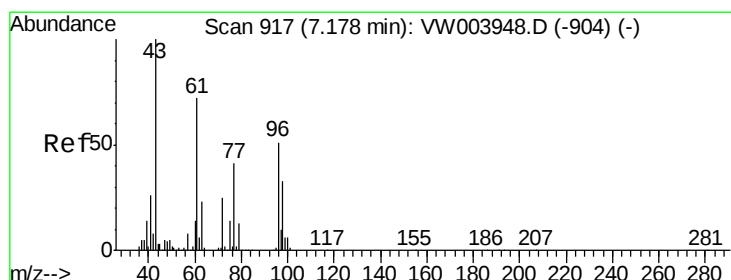
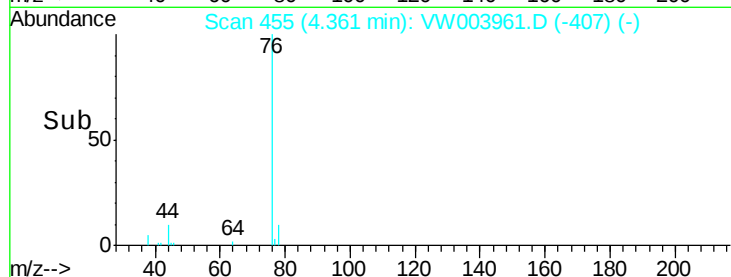
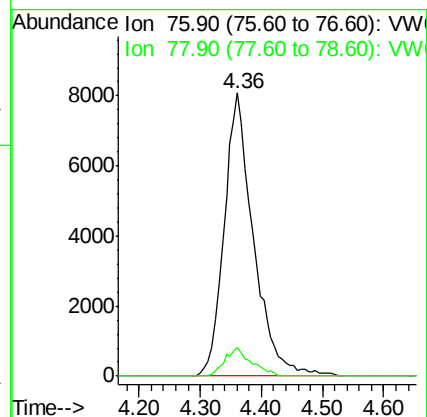
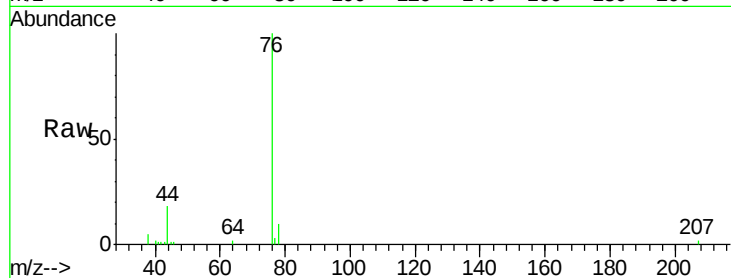
PAR-8

Tot Ion: 76 Resp: 26992

Ion Ratio Lower Upper

76 100

78 10.3 7.1 10.7



#25

2-Butanone

Concen: 12.57 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW003961.D

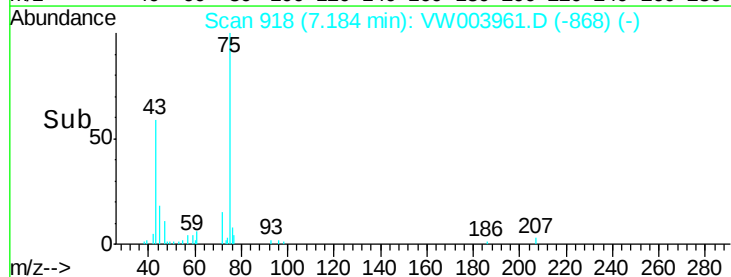
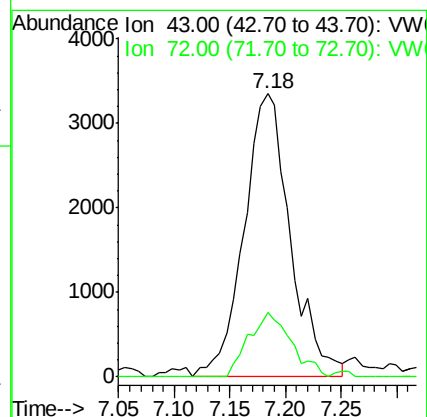
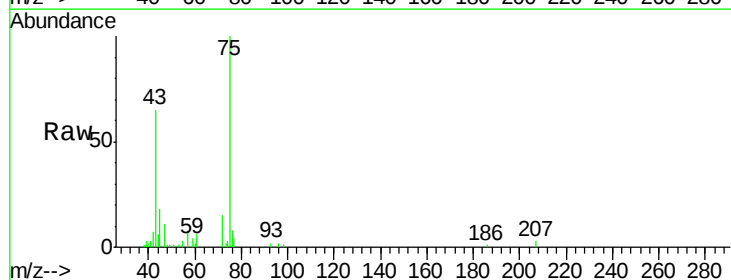
Acq: 16 Jul 2018 19:42

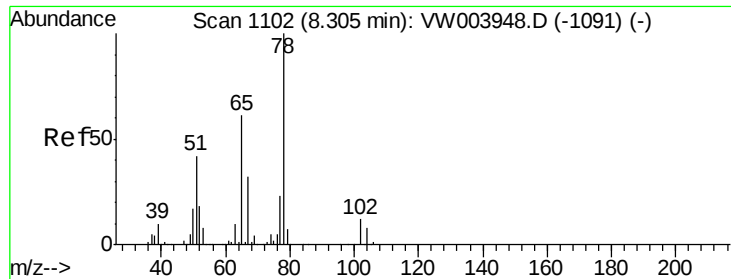
Tgt Ion: 43 Resp: 9726

Ion Ratio Lower Upper

43 100

72 22.9 19.8 29.6

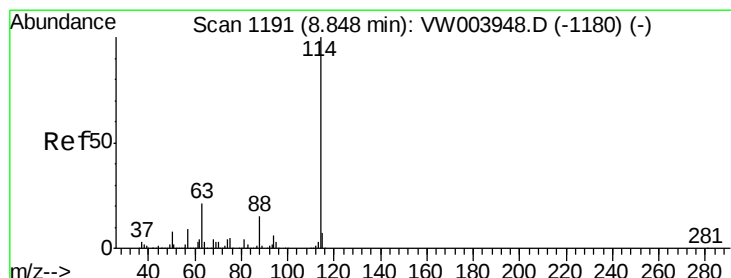
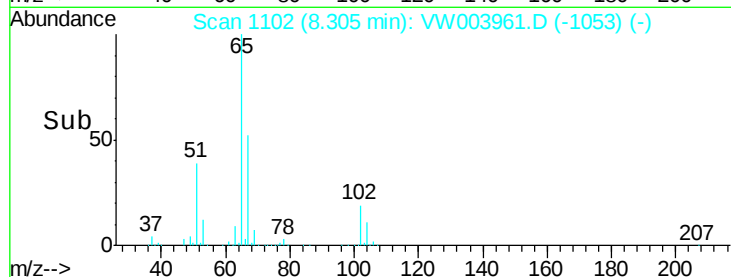
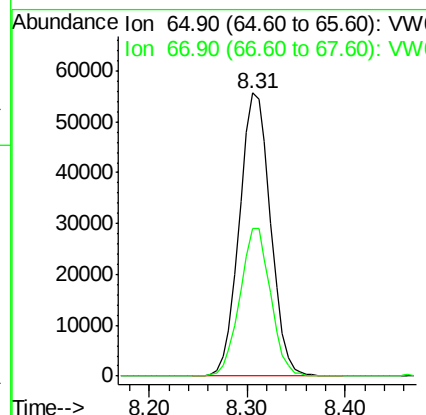
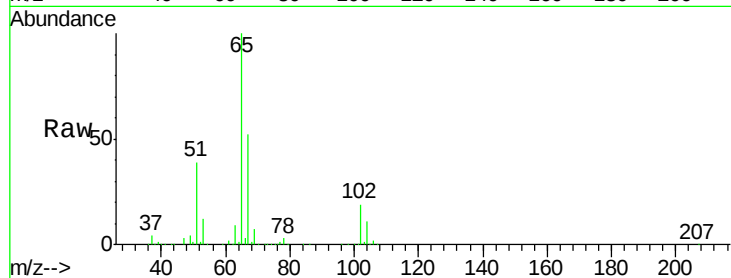




#33
 1,2-Dichloroethane-d4
 Concen: 51.29 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003961.D
 Acq: 16 Jul 2018 19:42

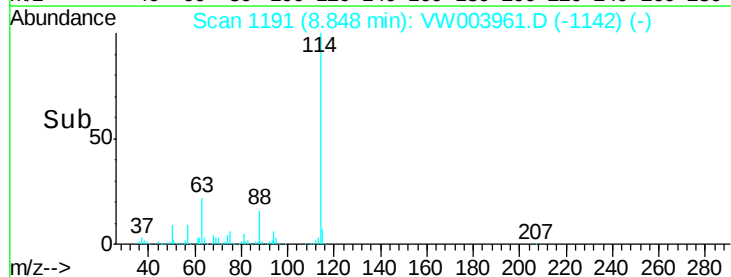
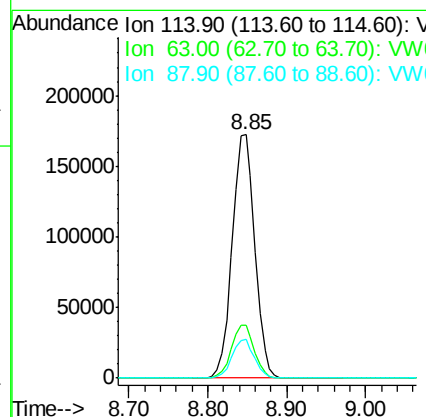
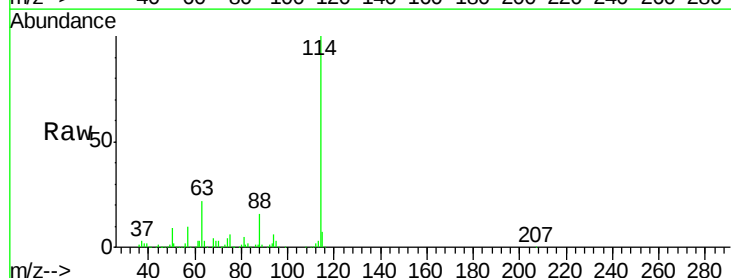
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-8

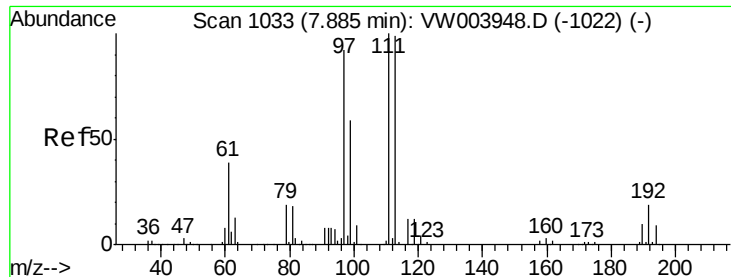
Tot Ion: 65 Resp: 122752
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003961.D
 Acq: 16 Jul 2018 19:42

Tgt Ion: 114 Resp: 343081
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 15.7 0.0 30.4

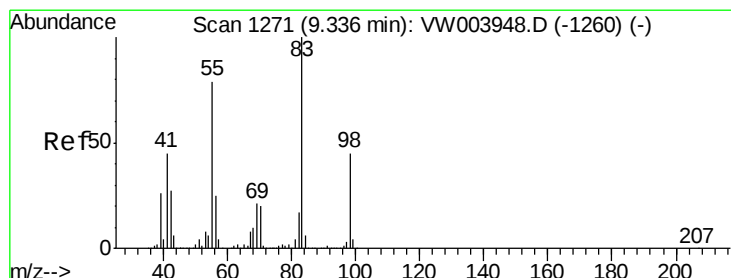
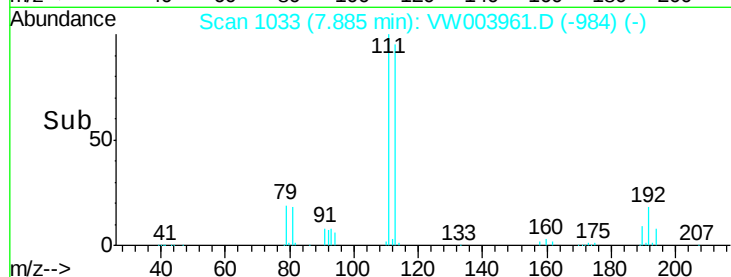
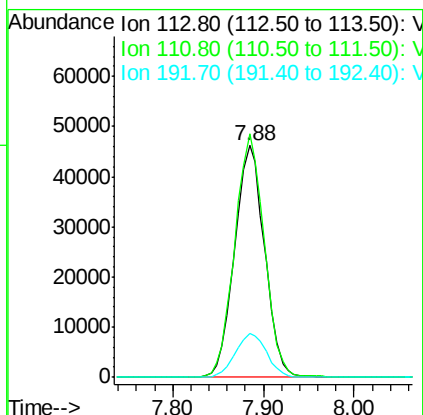
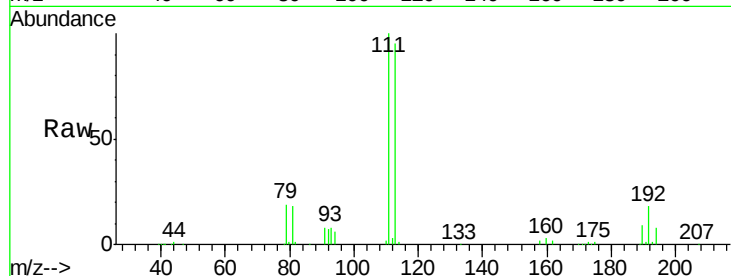




#35
Dibromofluoromethane
Concen: 48.20 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003961.D
Acq: 16 Jul 2018 19:42

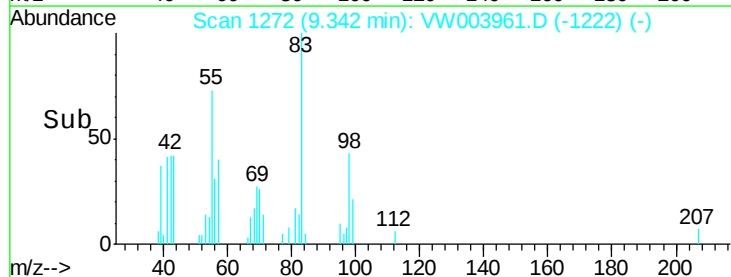
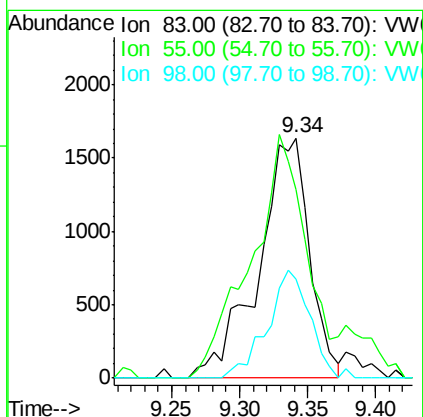
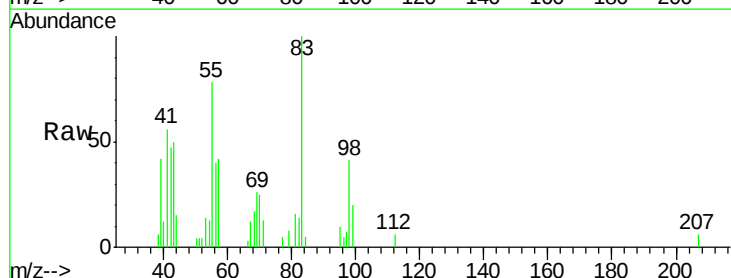
Instrument :
MSVOA_W
ClientSampleId :
PAR-8

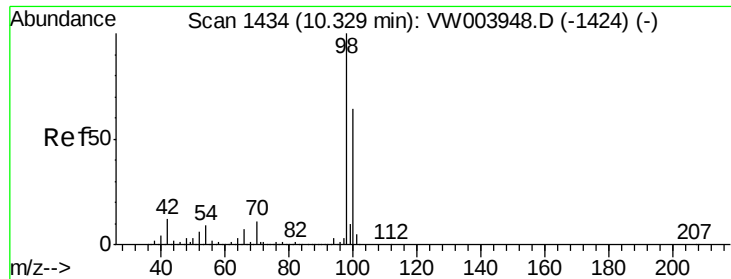
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	19.6	15.8	23.6



#39
Methylcyclohexane
Concen: 1.04 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW003961.D
Acq: 16 Jul 2018 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.8	94.2
98	41.4	36.2	54.4





#50

Toluene-d8

Concen: 44.98 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003961.D

Acq: 16 Jul 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

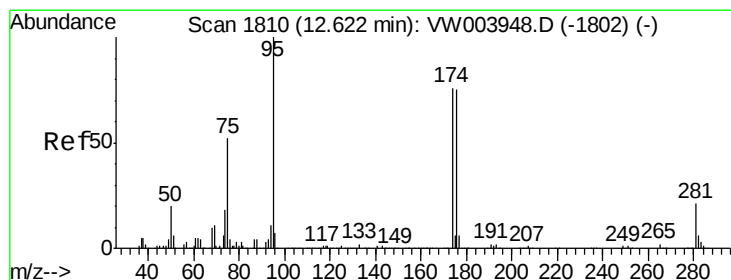
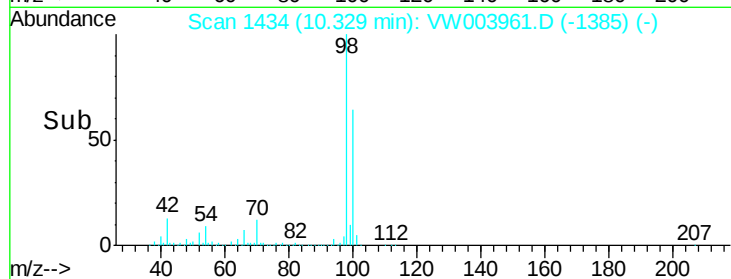
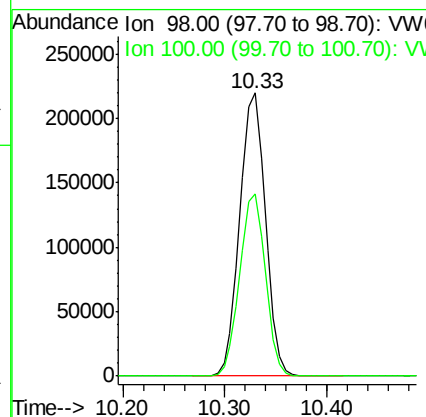
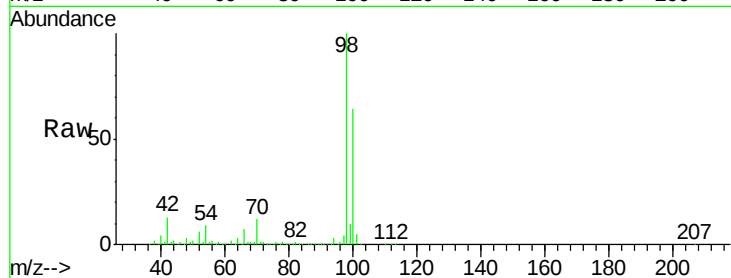
PAR-8

Tot Ion: 98 Resp: 384240

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 37.29 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003961.D

Acq: 16 Jul 2018 19:42

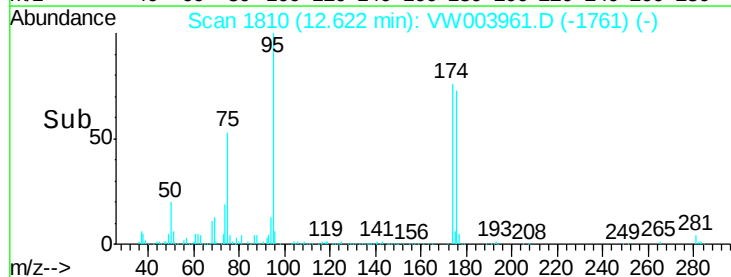
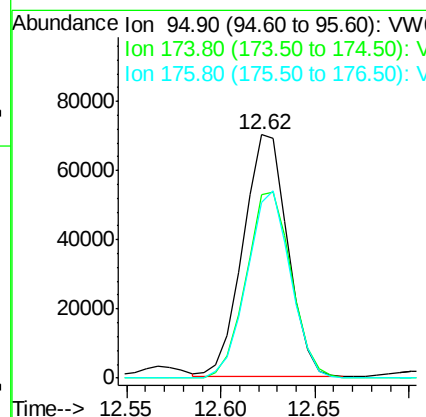
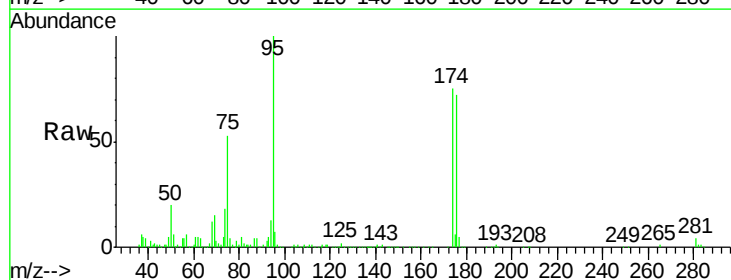
Tgt Ion: 95 Resp: 114856

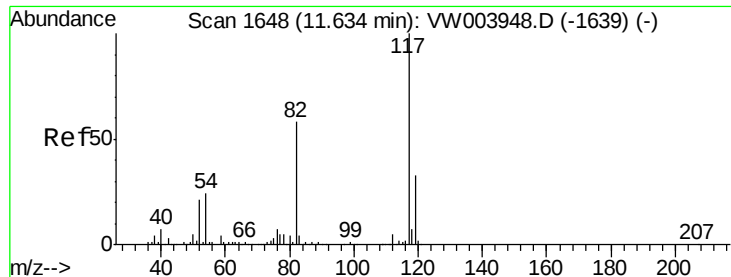
Ion Ratio Lower Upper

95 100

174 77.6 0.0 160.2

176 75.5 0.0 155.8

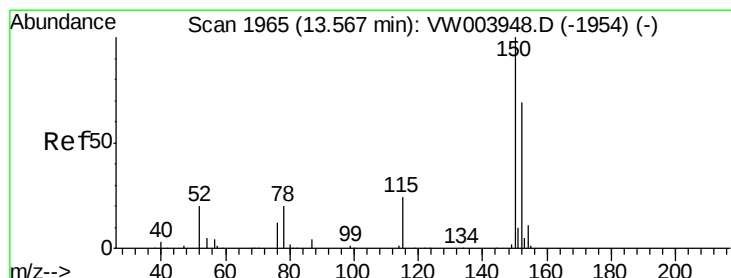
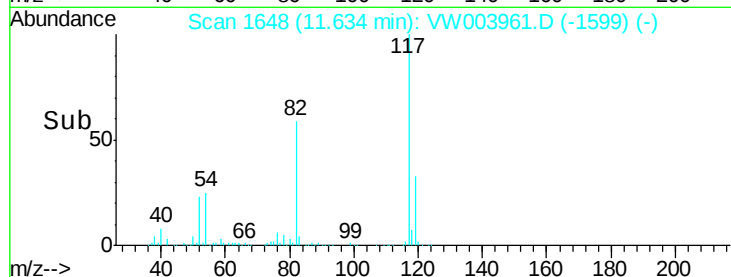
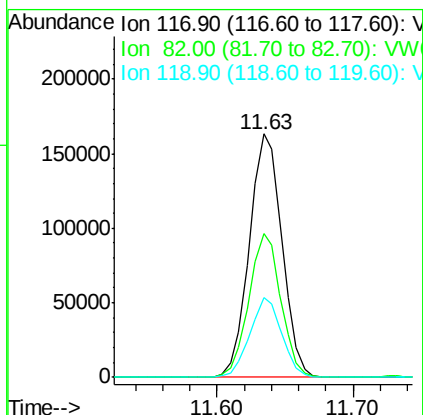
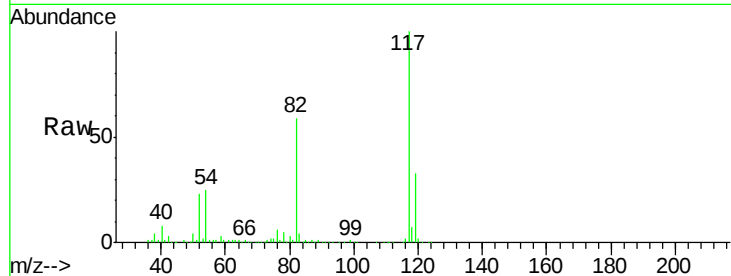




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003961.D
Acq: 16 Jul 2018 19:42

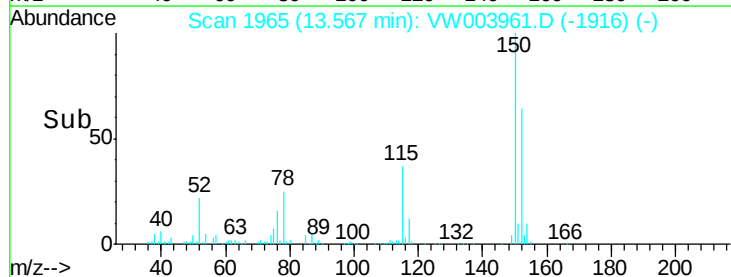
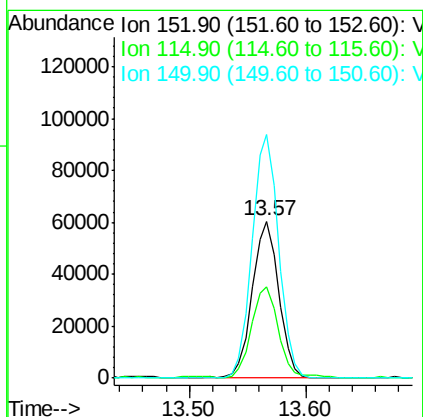
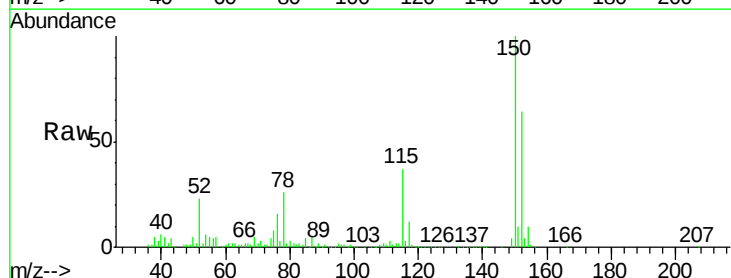
Instrument :
MSVOA_W
ClientSampleId :
PAR-8

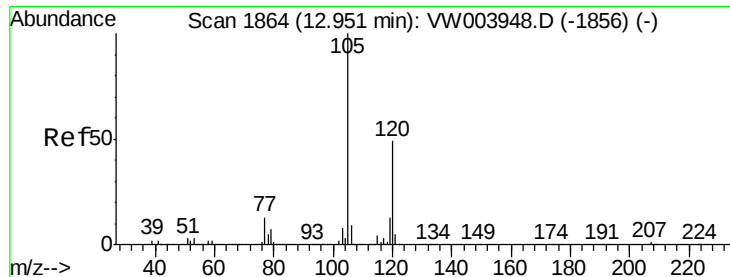
Tot Ion:117 Resp: 275614
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003961.D
Acq: 16 Jul 2018 19:42

Tgt Ion:152 Resp: 96655
Ion Ratio Lower Upper
152 100
115 59.0 29.2 87.6
150 154.3 0.0 345.2





#80

1,3,5-Trimethylbenzene

Concen: 1.71 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003961.D

Acq: 16 Jul 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

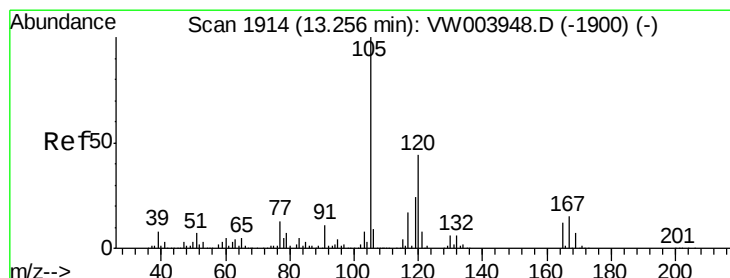
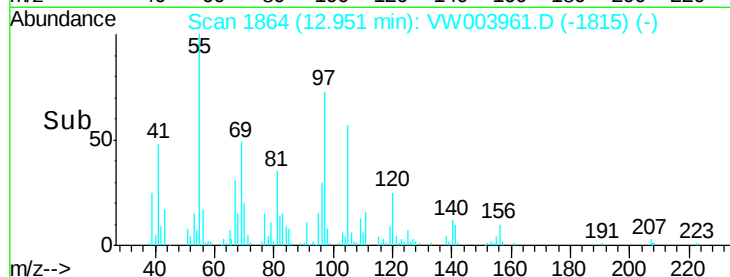
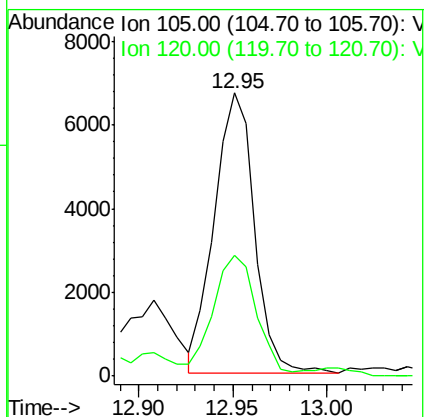
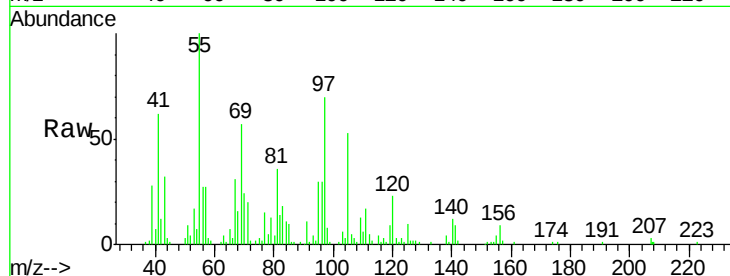
PAR-8

Tot Ion:105 Resp: 9826

Ion Ratio Lower Upper

105 100

120 47.9 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 2.53 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW003961.D

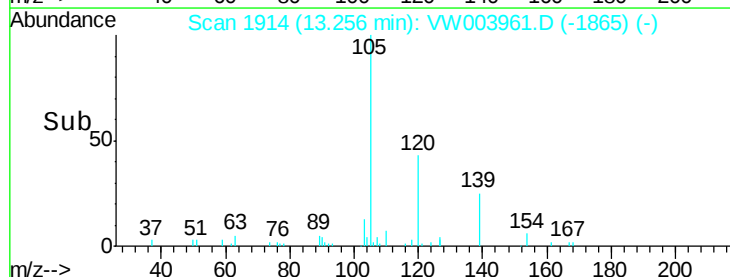
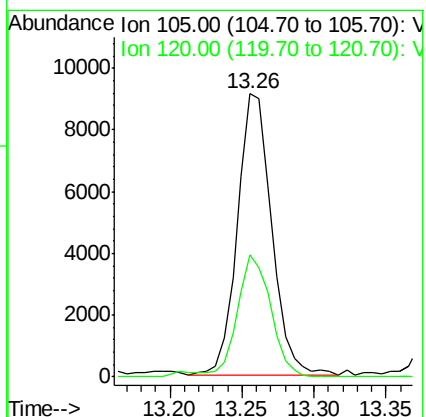
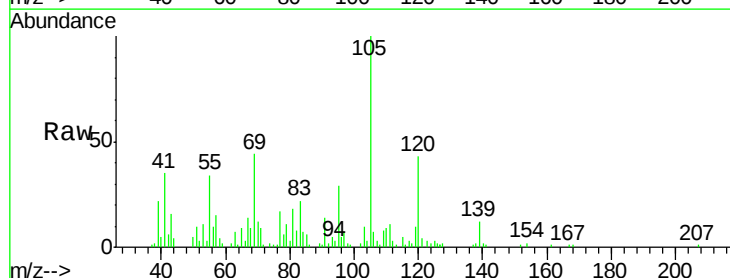
Acq: 16 Jul 2018 19:42

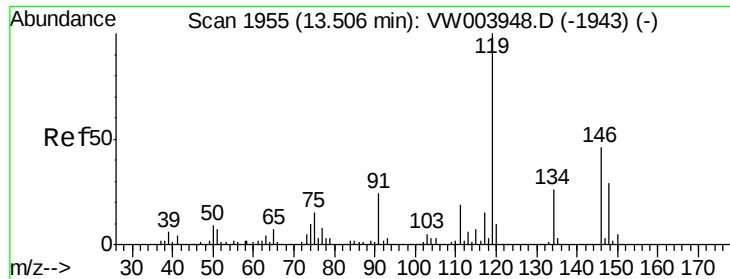
Tgt Ion:105 Resp: 14979

Ion Ratio Lower Upper

105 100

120 42.3 22.1 66.1

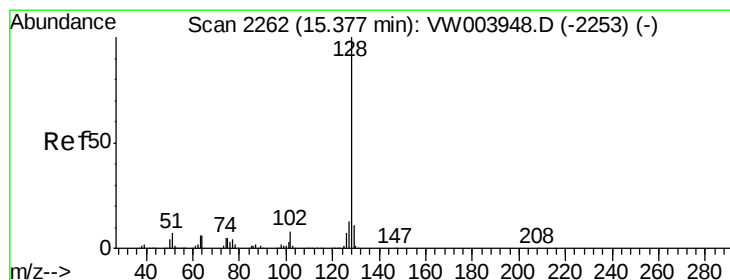
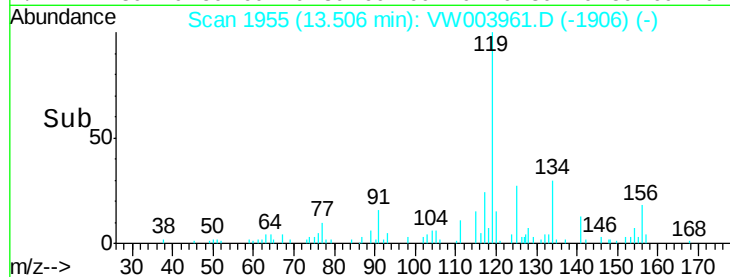
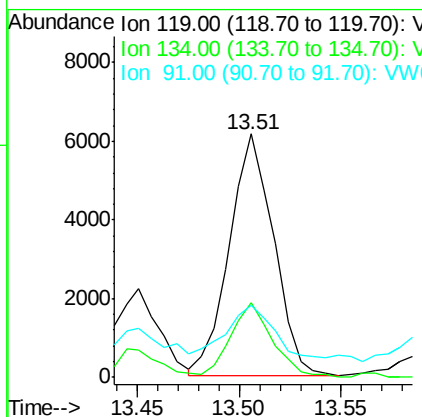
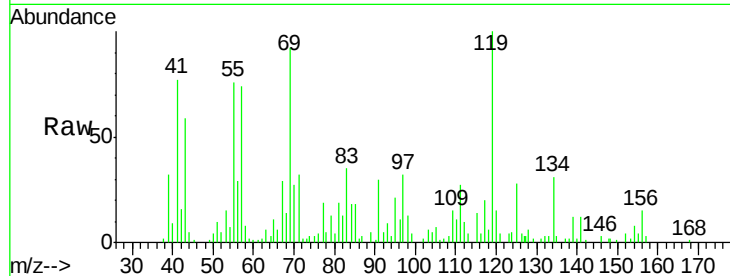




#86
 p-Isopropyltoluene
 Concen: 1.47 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003961.D
 Acq: 16 Jul 2018 19:42

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-8

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.0	38.9
91	27.3	11.8	35.3



#95
 Naphthalene
 Concen: 9.63 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW003961.D
 Acq: 16 Jul 2018 19:42

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.7	16.1#
129	9.5	8.7	13.1

