

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005196.D
 Acq On : 07 Sep 2018 07:12
 Operator : SY/AP
 Sample : J4693-19
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(15-20)

Quant Time: Sep 07 08:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	442887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	719560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	755582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392679	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	239462	65.22	ug/l	0.00
Spiked Amount			Recovery	=	130.44%	
35) Dibromofluoromethane	7.89	113	218278	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
50) Toluene-d8	10.33	98	993496	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	399396	59.12	ug/l	0.00
Spiked Amount			Recovery	=	118.24%	

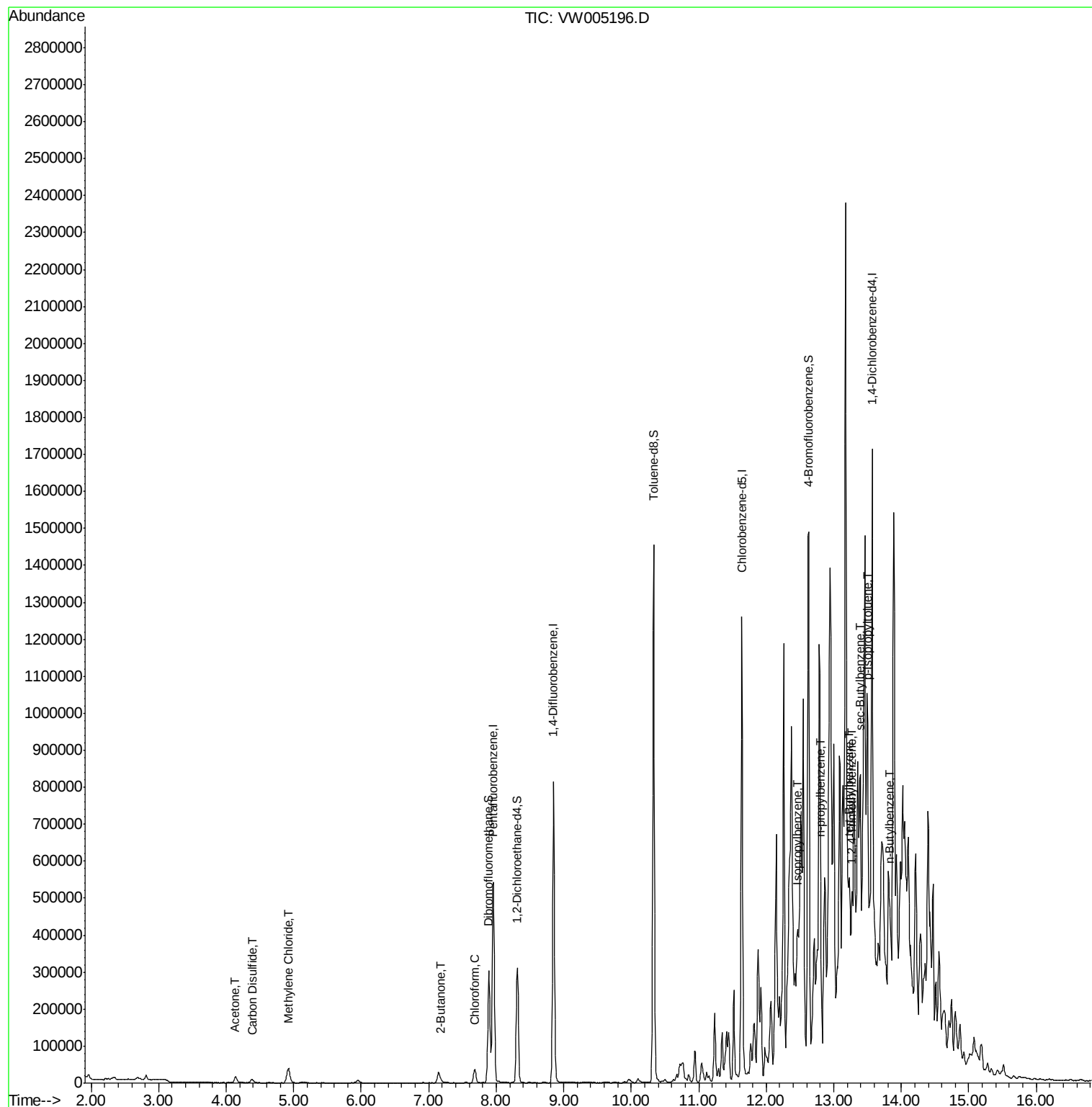
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	29175	39.62	ug/l	93
17) Carbon Disulfide	4.39	76	19760	1.58	ug/l	96
20) Methylene Chloride	4.92	84	33852	3.16	ug/l	95
25) 2-Butanone	7.18	43	8332	6.52	ug/l	91
30) Chloroform	7.68	83	33373	4.44	ug/l	100
73) Isopropylbenzene	12.47	105	54344	1.96	ug/l	98
78) n-propylbenzene	12.81	91	58163	1.74	ug/l	97
83) tert-Butylbenzene	13.22	119	30447	1.52	ug/l	88
84) 1,2,4-Trimethylbenzene	13.26	105	35721	1.46	ug/l	99
85) sec-Butylbenzene	13.39	105	180311	6.14	ug/l #	75
86) p-Isopropyltoluene	13.51	119	68834	2.65	ug/l	100
89) n-Butylbenzene	13.83	91	103410	4.29	ug/l #	75

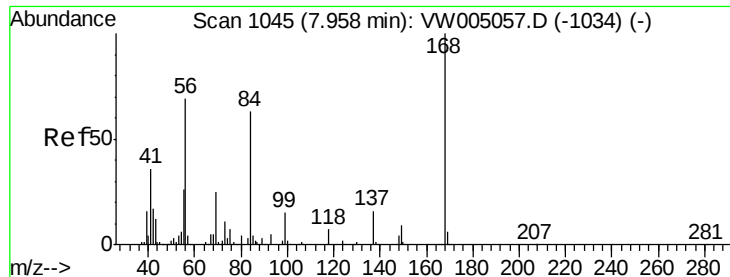
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005196.D

Acq: 07 Sep 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

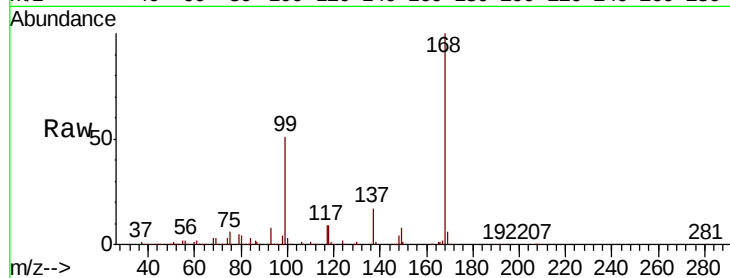
EP1-MW-G(15-20)

Tot Ion:168 Resp: 442887

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

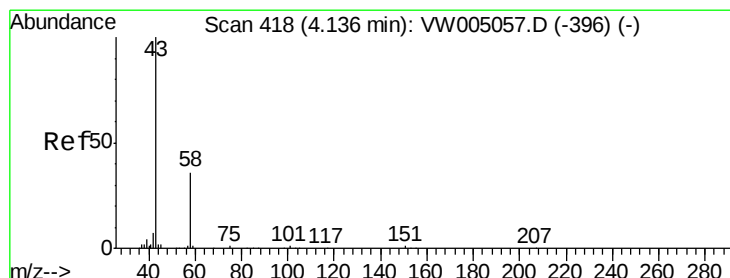
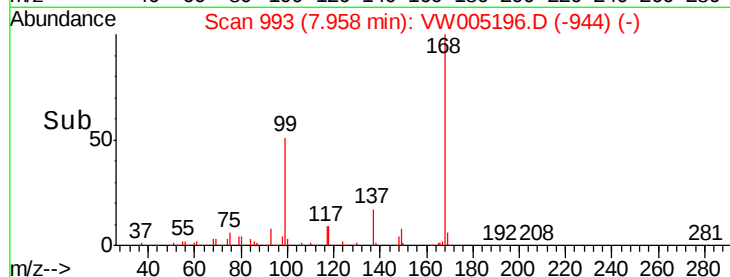
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 39.62 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005196.D

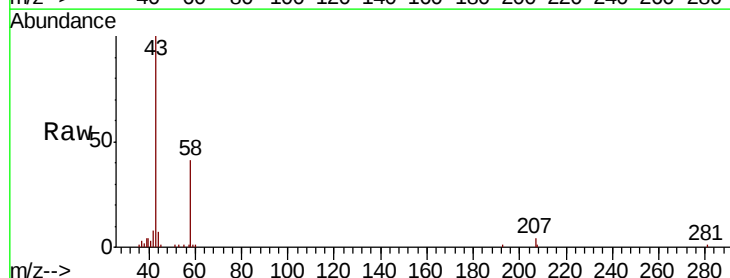
Acq: 07 Sep 2018 07:12

Tgt Ion: 43 Resp: 29175

Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

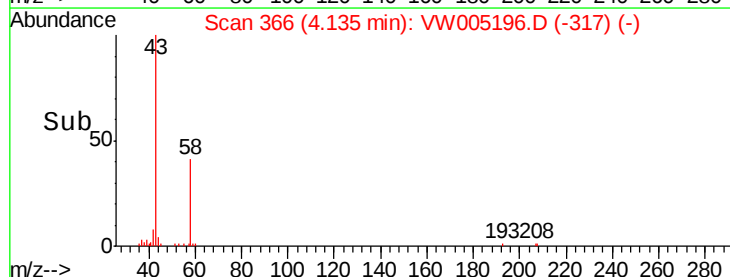
6000

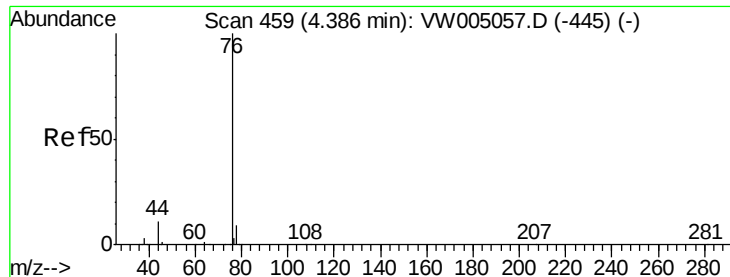
4000

2000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.58 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005196.D

Acq: 07 Sep 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

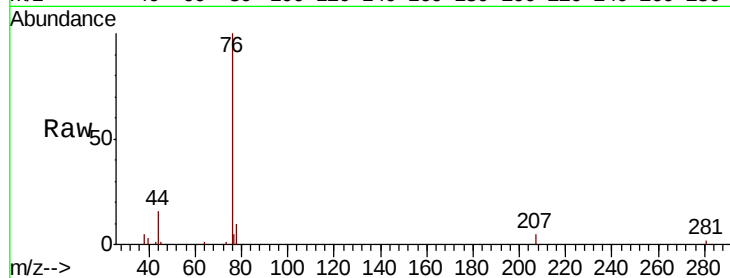
EP1-MW-G(15-20)

Tot Ion: 76 Resp: 19760

Ion Ratio Lower Upper

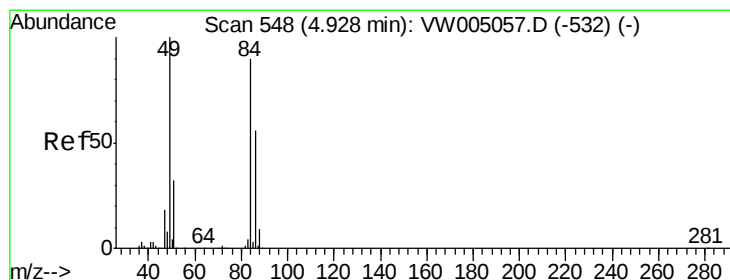
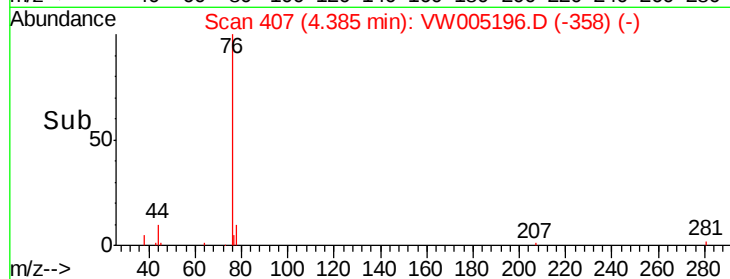
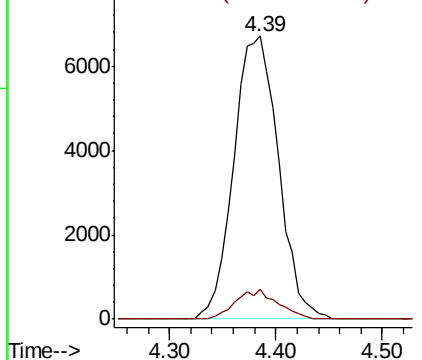
76 100

78 10.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 3.16 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005196.D

Acq: 07 Sep 2018 07:12

Tgt Ion: 84 Resp: 33852

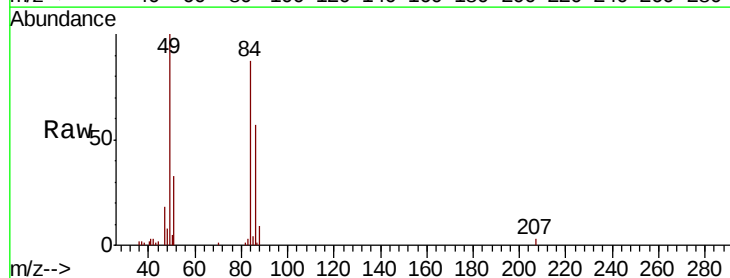
Ion Ratio Lower Upper

84 100

49 115.4 88.7 133.1

51 38.2 28.6 42.8

86 66.0 49.4 74.2

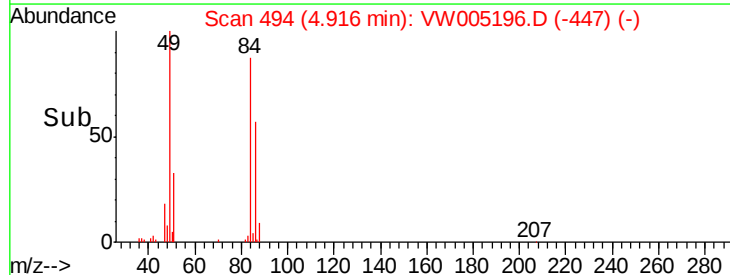
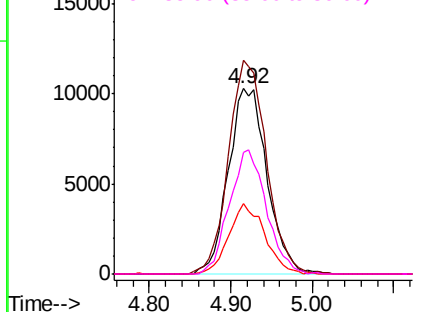


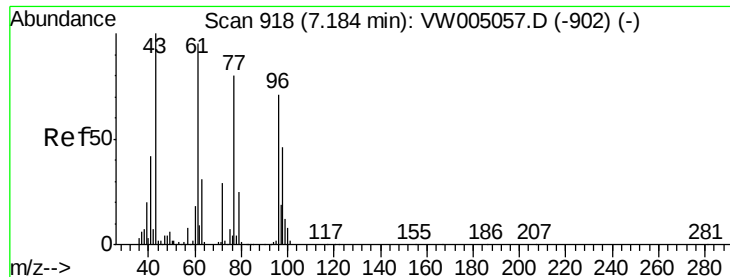
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 6.52 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005196.D

Acq: 07 Sep 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

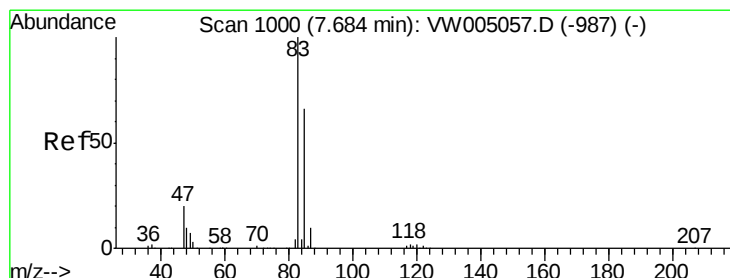
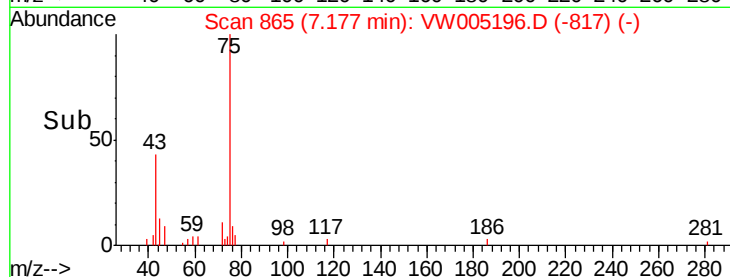
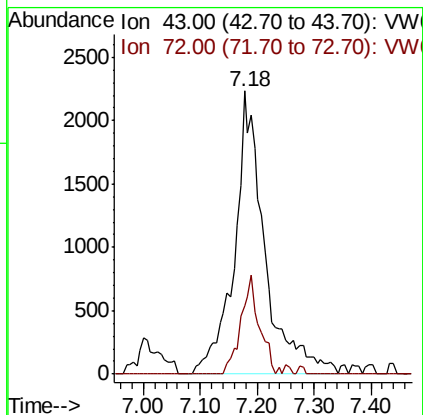
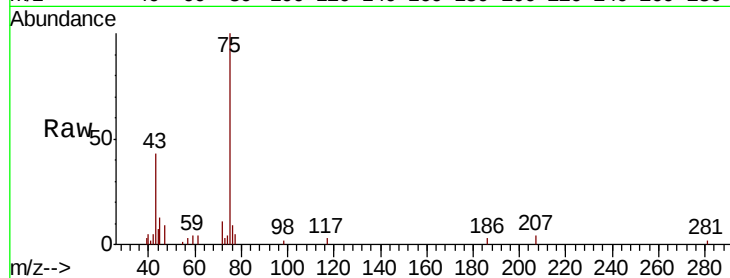
EP1-MW-G(15-20)

Tot Ion: 43 Resp: 8332

Ion Ratio Lower Upper

43 100

72 24.3 23.1 34.7



#30

Chloroform

Concen: 4.44 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005196.D

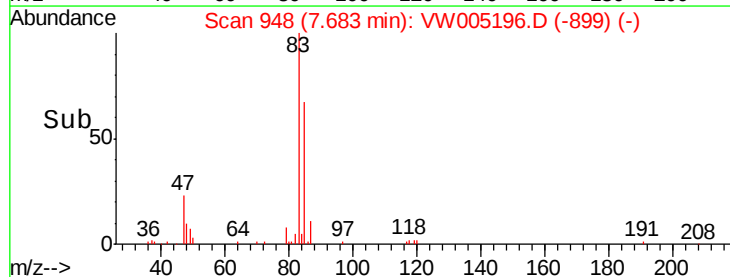
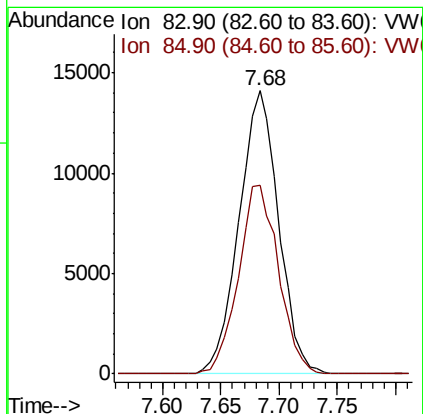
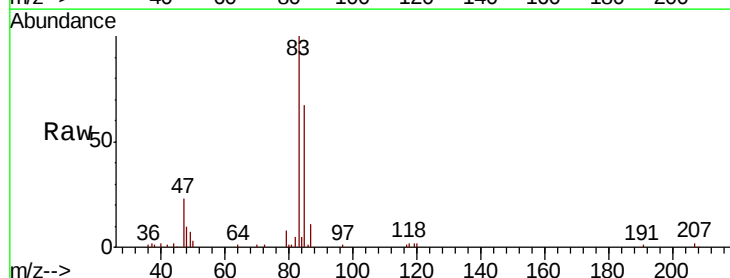
Acq: 07 Sep 2018 07:12

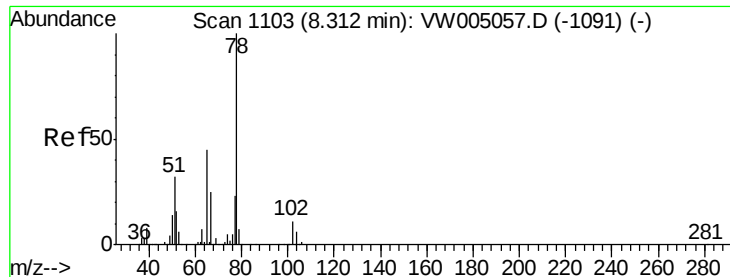
Tgt Ion: 83 Resp: 33373

Ion Ratio Lower Upper

83 100

85 66.6 53.1 79.7

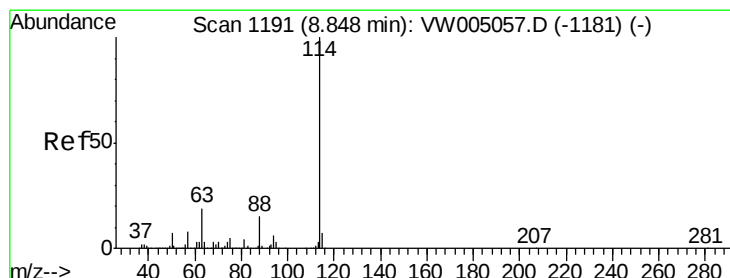
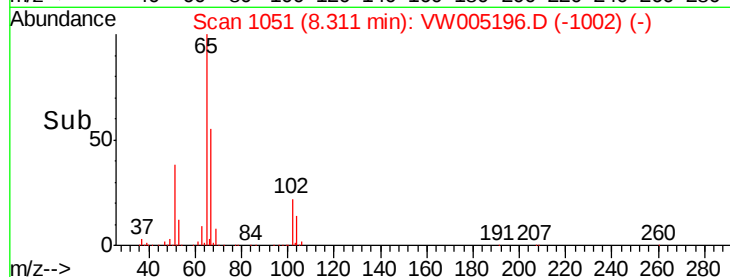
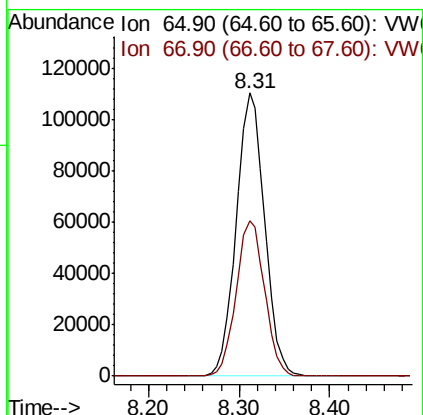
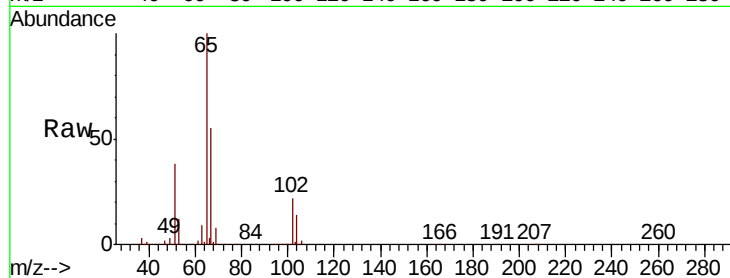




#33
 1,2-Dichloroethane-d4
 Concen: 65.22 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

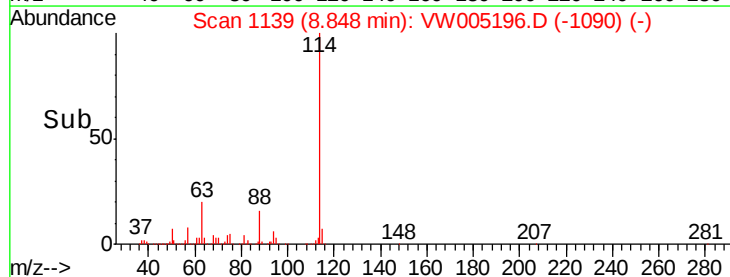
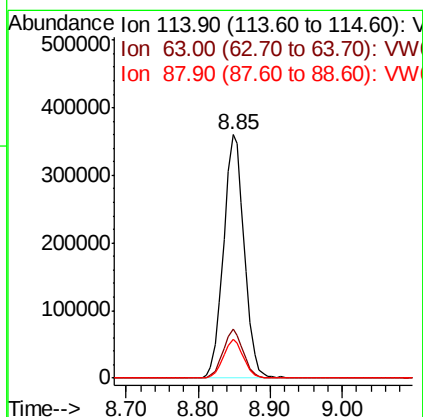
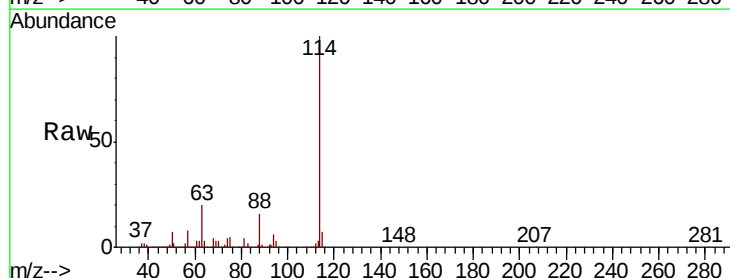
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(15-20)

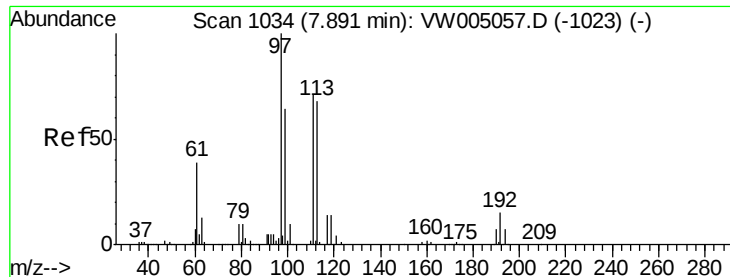
Tot Ion: 65 Resp: 239462
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

Tgt Ion: 114 Resp: 719560
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.8 0.0 30.2

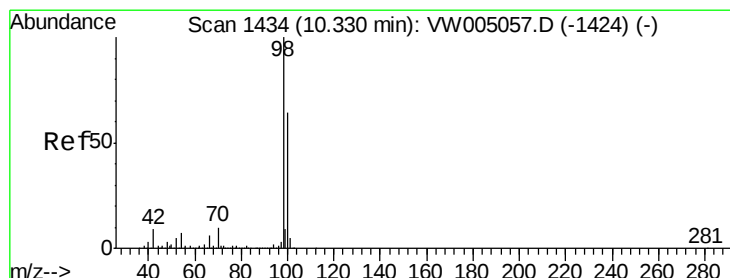
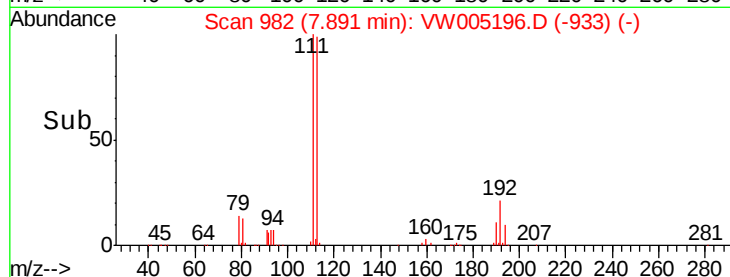
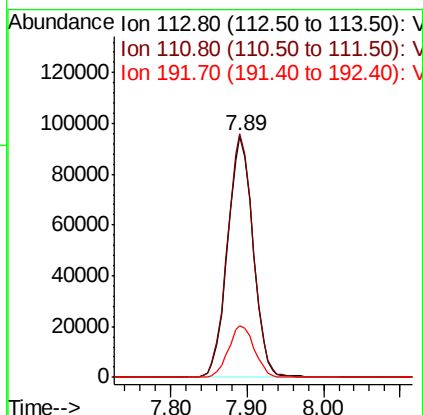
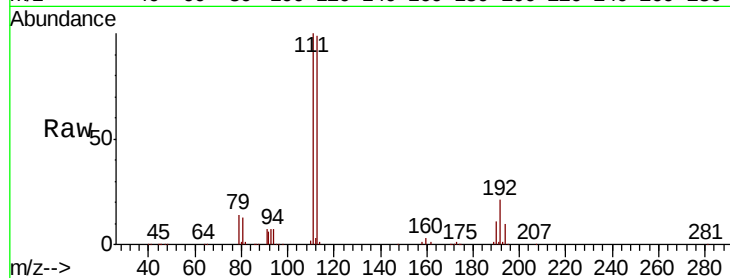




#35
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

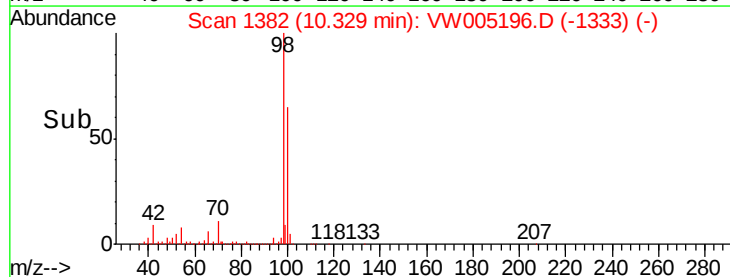
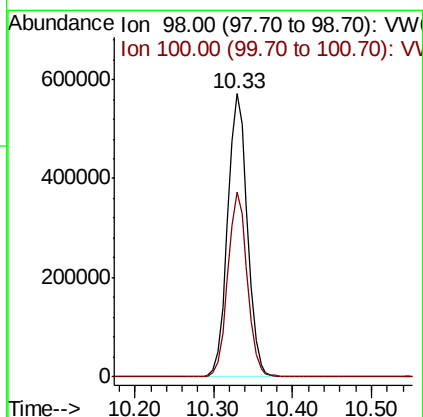
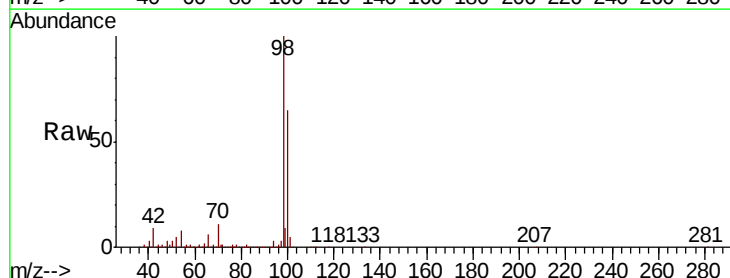
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(15-20)

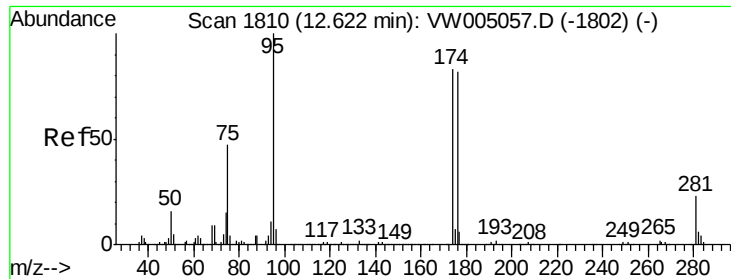
Tot Ion:113 Resp: 218278
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 21.8 18.1 27.1



#50
 Toluene-d8
 Concen: 51.85 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

Tgt Ion: 98 Resp: 993496
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5

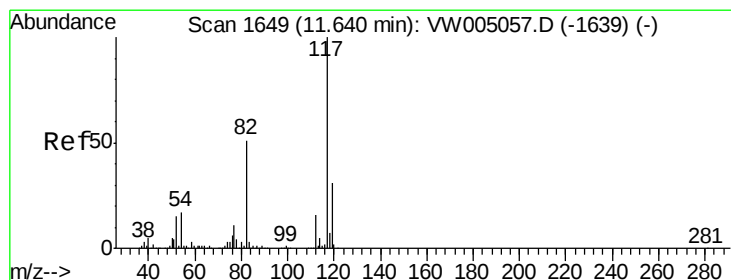
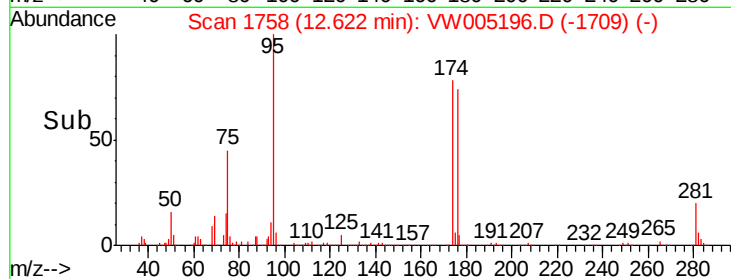
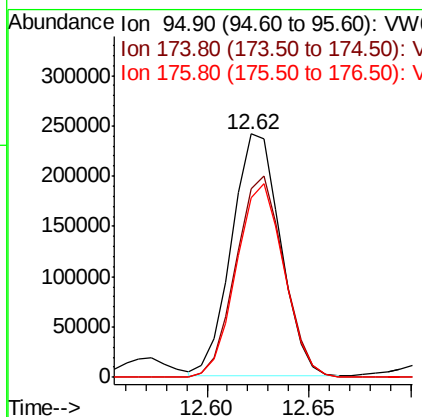
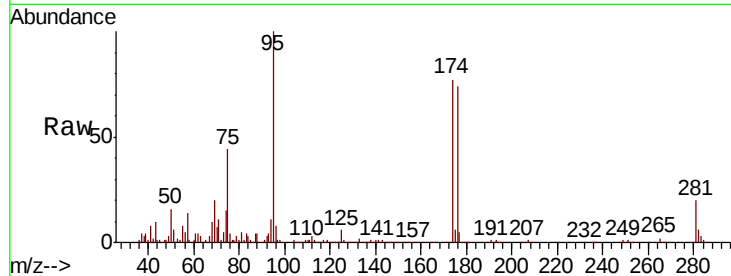




#62
4-Bromofluorobenzene
Concen: 59.12 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005196.D
Acq: 07 Sep 2018 07:12

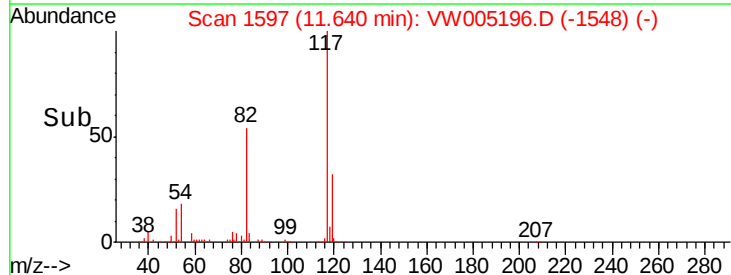
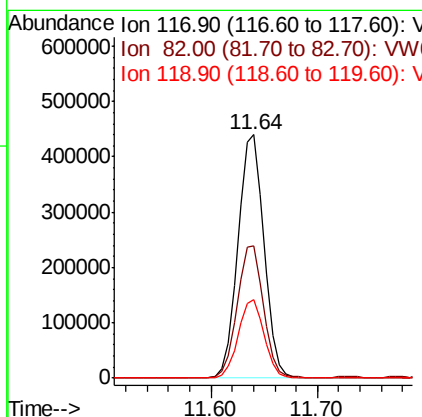
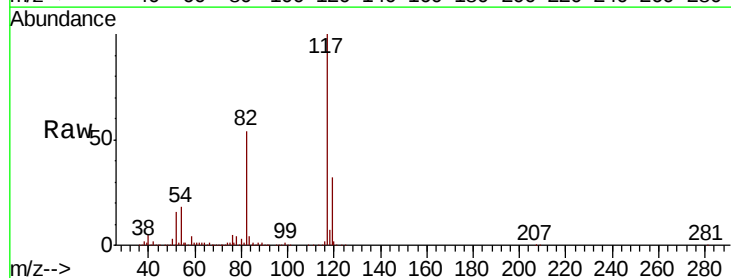
Instrument :
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EP1-MW-G(15-20)

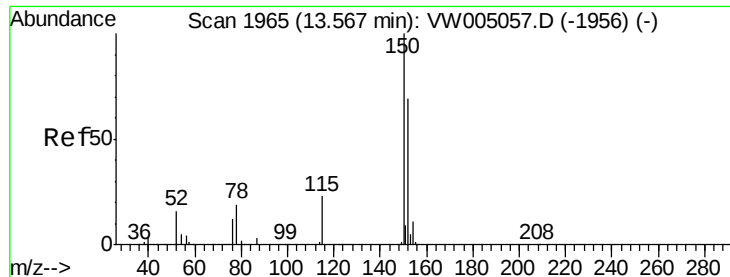
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	173.4
176	78.7	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005196.D
Acq: 07 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.9	61.3
119	32.4	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005196.D

Acq: 07 Sep 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-G(15-20)

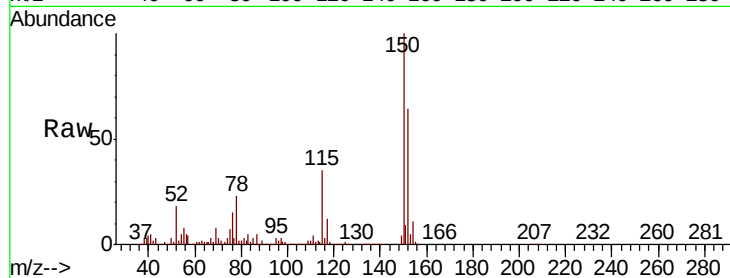
Tot Ion:152 Resp: 392679

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

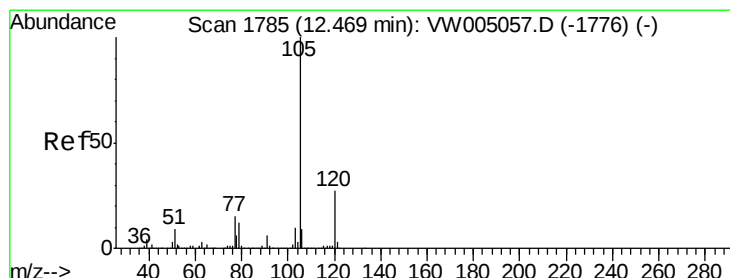
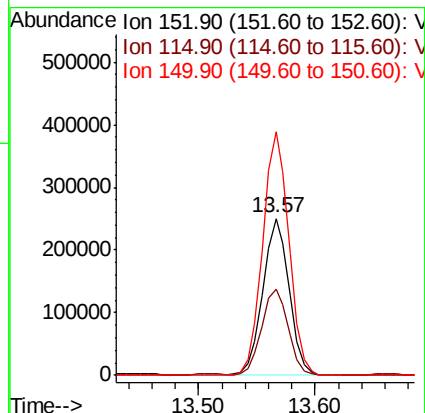
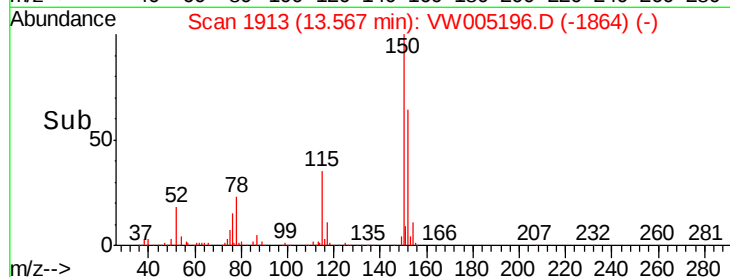
150 154.8 0.0 351.4



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



#73

Isopropylbenzene

Concen: 1.96 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005196.D

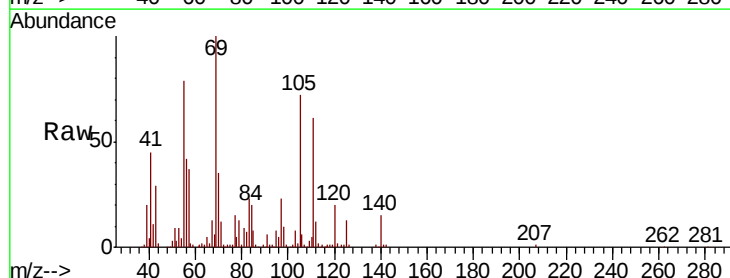
Acq: 07 Sep 2018 07:12

Tgt Ion:105 Resp: 54344

Ion Ratio Lower Upper

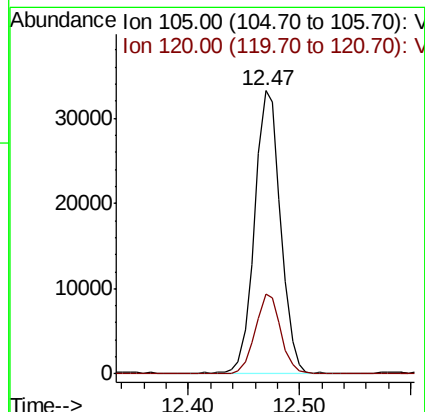
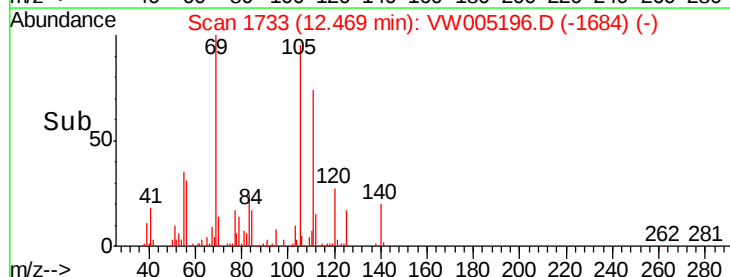
105 100

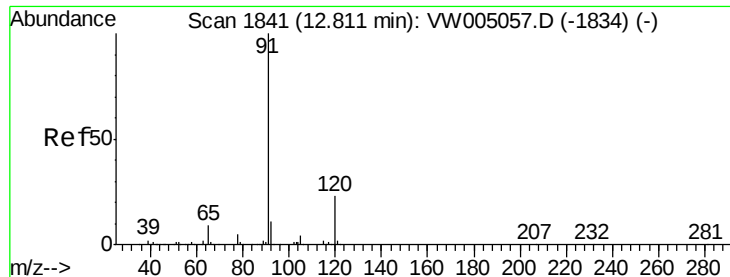
120 27.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

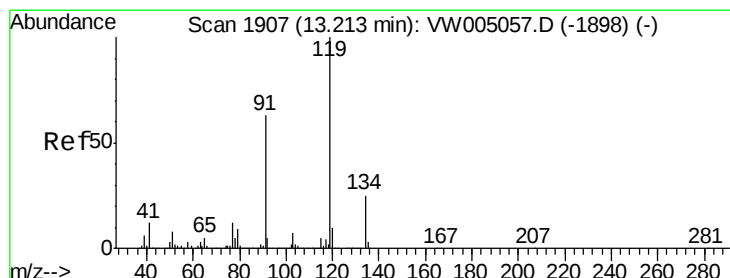
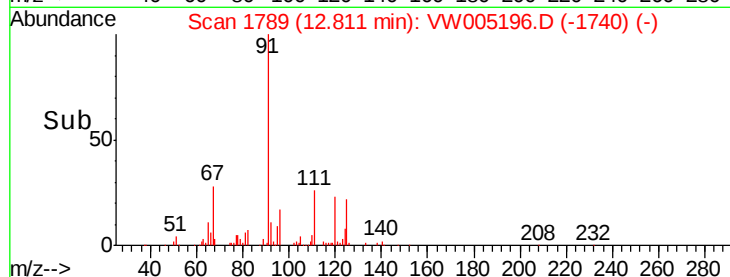
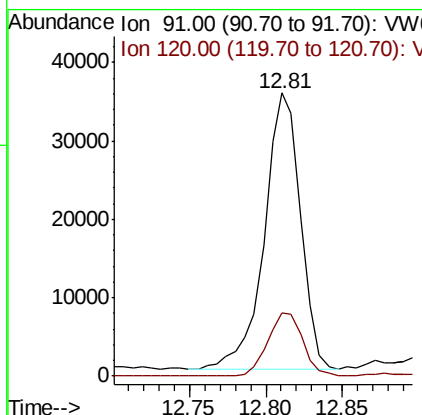
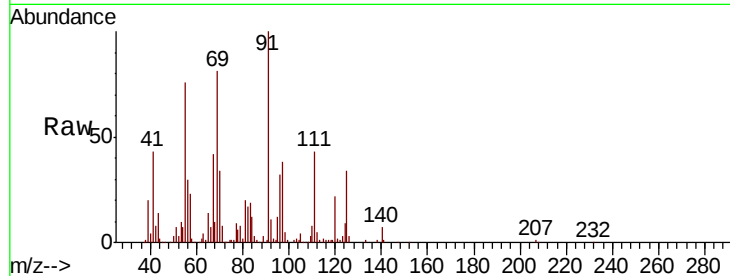




#78
n-propylbenzene
Concen: 1.74 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005196.D
Acq: 07 Sep 2018 07:12

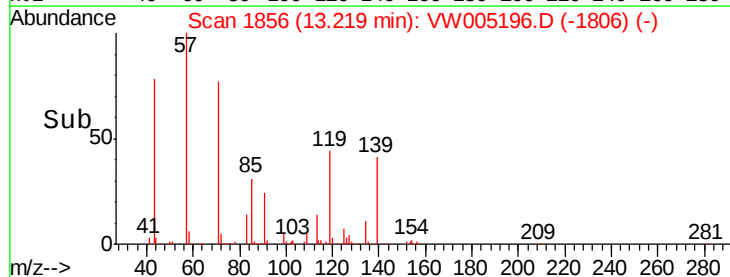
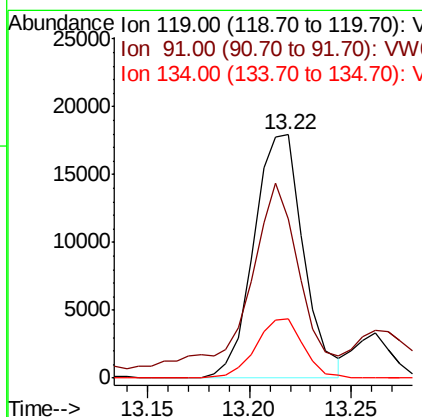
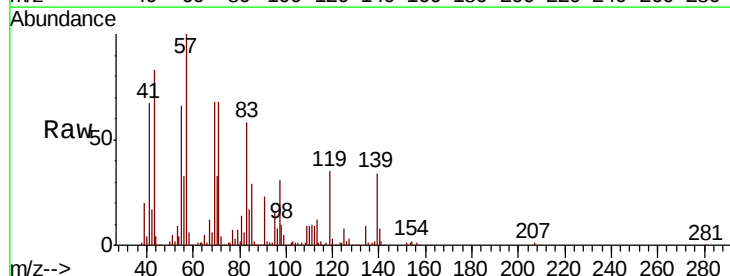
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(15-20)

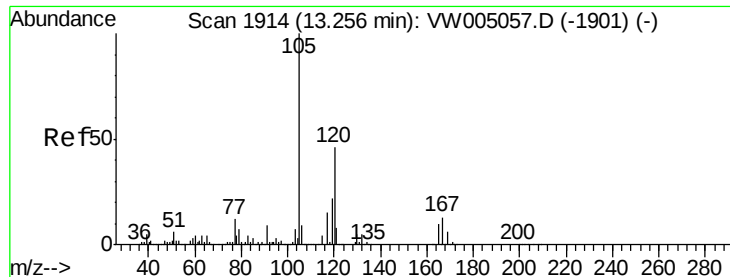
Tot Ion: 91 Resp: 58163
Ion Ratio Lower Upper
91 100
120 22.1 11.8 35.3



#83
tert-Butylbenzene
Concen: 1.52 ug/l
RT: 13.22 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VW005196.D
Acq: 07 Sep 2018 07:12

Tgt Ion: 119 Resp: 30447
Ion Ratio Lower Upper
119 100
91 75.6 31.8 95.4
134 23.4 13.0 39.0

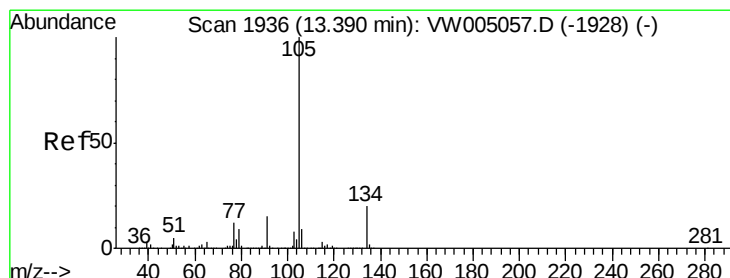
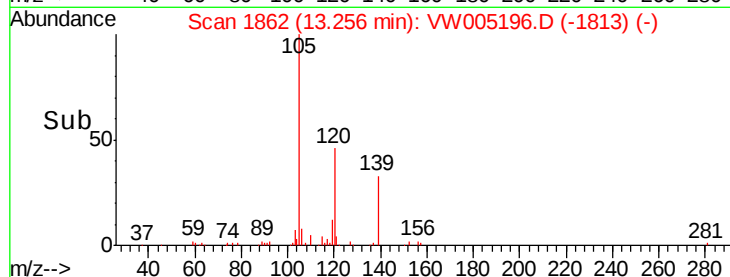
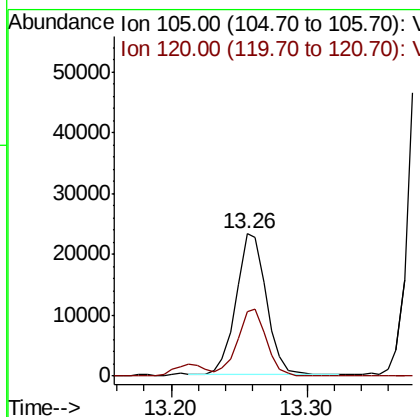
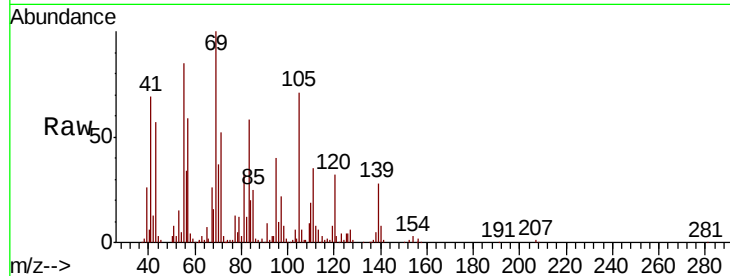




#84
 1,2,4-Trimethylbenzene
 Concen: 1.46 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

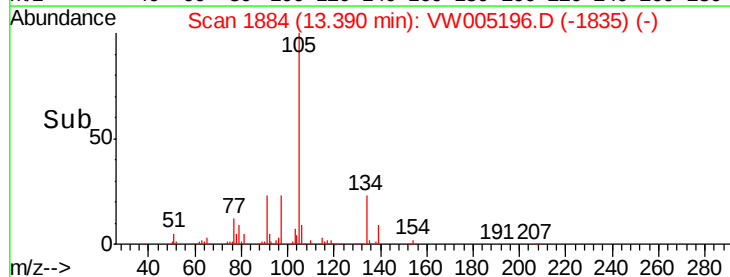
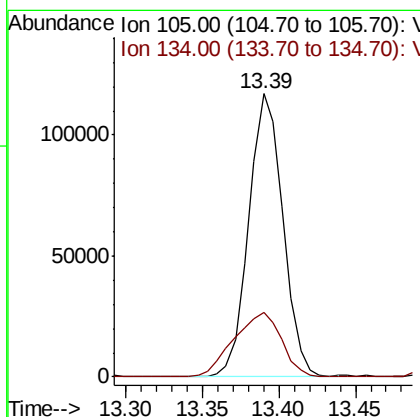
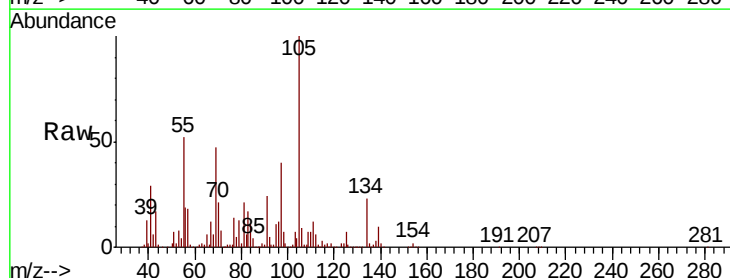
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(15-20)

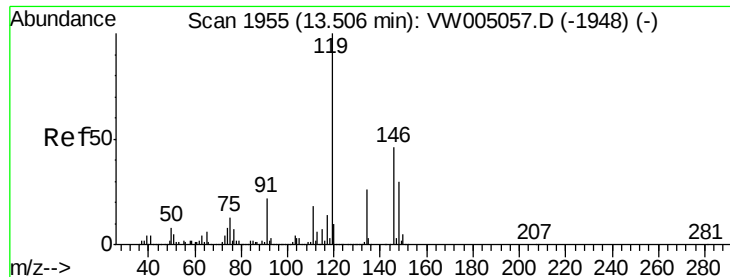
Tot Ion:105 Resp: 35721
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 6.14 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

Tgt Ion:105 Resp: 180311
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.1 30.3#

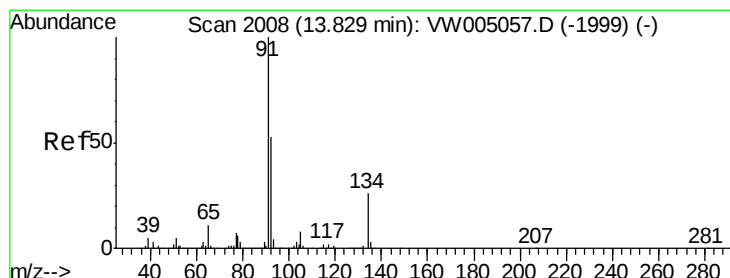
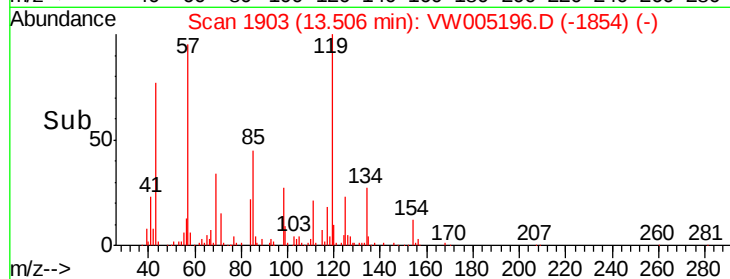
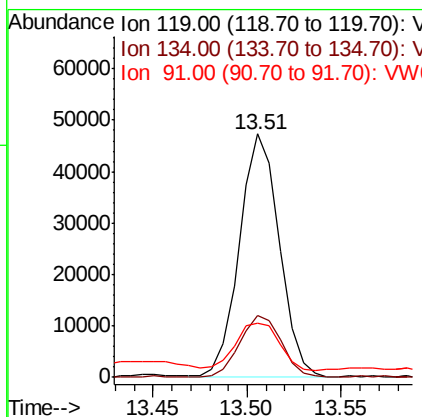
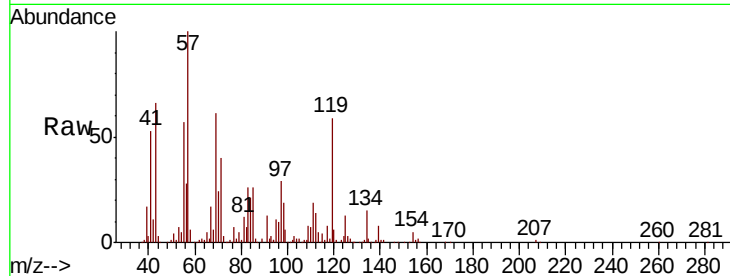




#86
 p-Isopropyltoluene
 Concen: 2.65 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(15-20)

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.8
91	21.9	10.9	32.9



#89
 n-Butylbenzene
 Concen: 4.29 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW005196.D
 Acq: 07 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.7	26.5	79.5
134	0.0	13.5	40.4#

