

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010813.D
 Acq On : 14 Jun 2019 14:42
 Operator : SY/VA
 Sample : K3373-05RE
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804RE

Quant Time: Jun 14 16:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

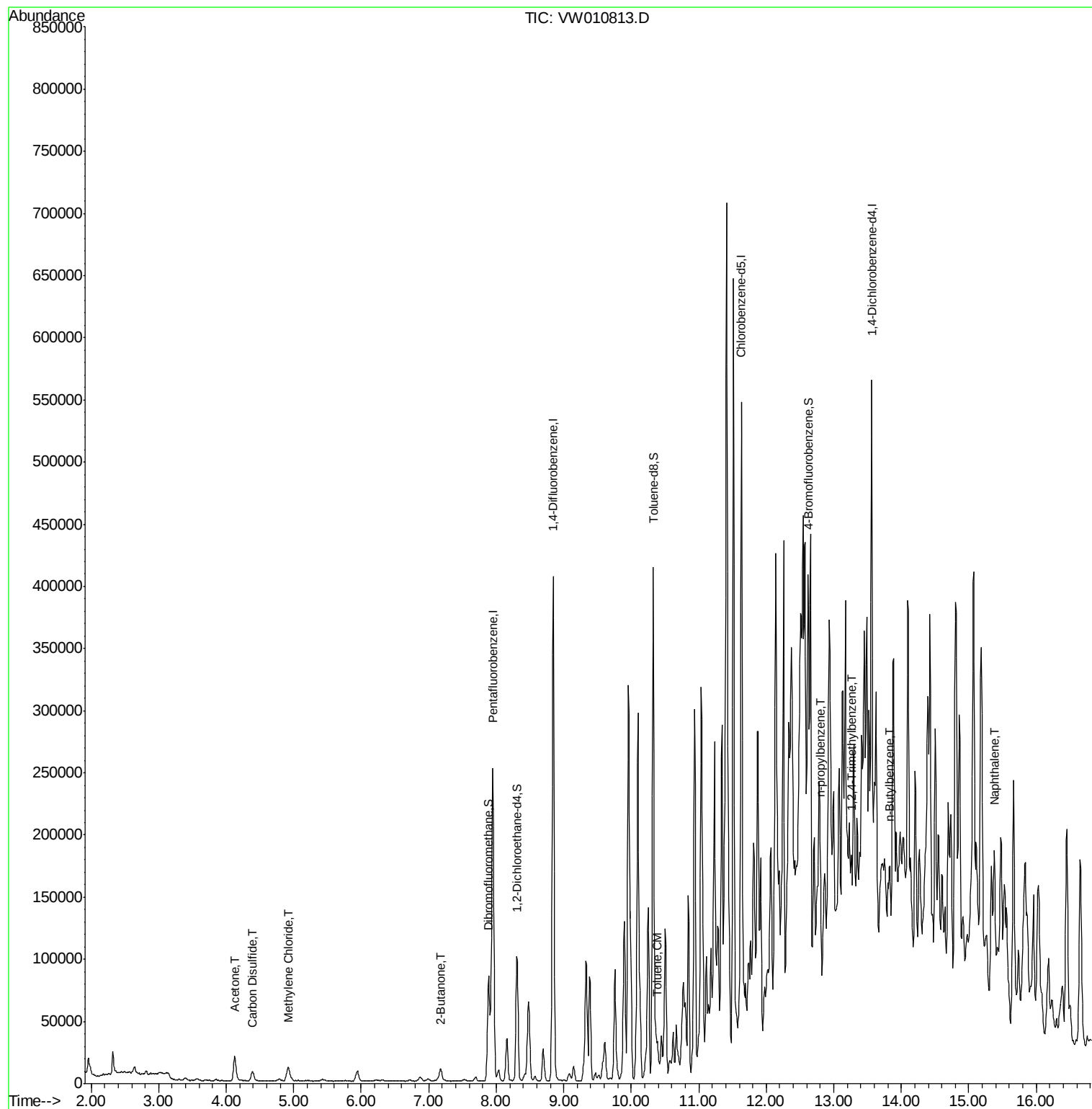
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78934	37.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.56%	
35) Dibromofluoromethane	7.88	113	59435	35.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.74%	
50) Toluene-d8	10.32	98	206984	28.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.18%	
62) 4-Bromofluorobenzene	12.62	95	76129	28.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	36123	64.518	ug/l	100
17) Carbon Disulfide	4.38	76	7622	1.401	ug/l #	93
20) Methylene Chloride	4.92	84	7238	3.685	ug/l	93
25) 2-Butanone	7.18	43	15218	19.602	ug/l	99
52) Toluene	10.39	92	10860	2.042	ug/l	99
78) n-propylbenzene	12.80	91	13700	2.041	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	18149	3.958	ug/l	99
89) n-Butylbenzene	13.82	91	28188	5.610	ug/l #	77
95) Naphthalene	15.37	128	41603	15.482	ug/l	95

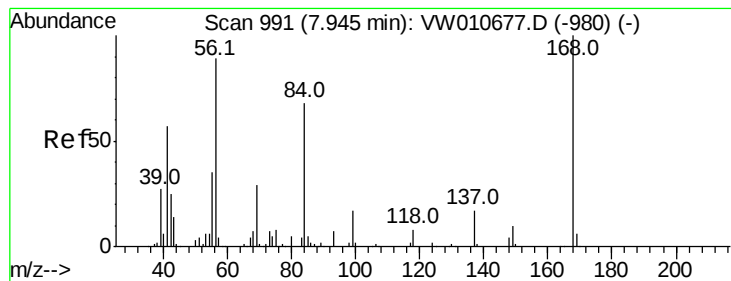
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061419\
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Quant Time: Jun 14 16:10:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

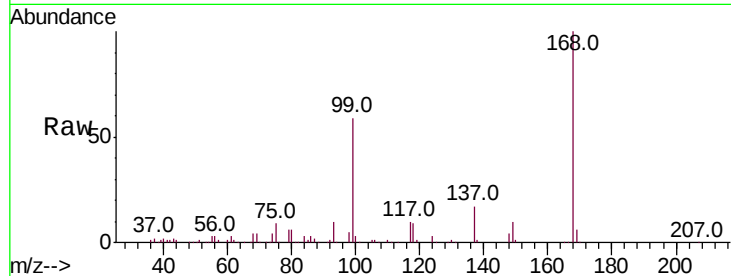
13803-13804RE

Tot Ion:168 Resp: 177279

Ion Ratio Lower Upper

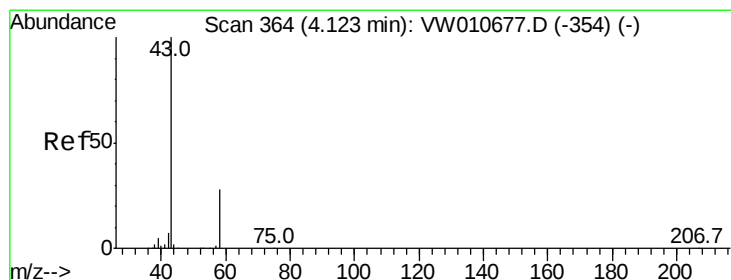
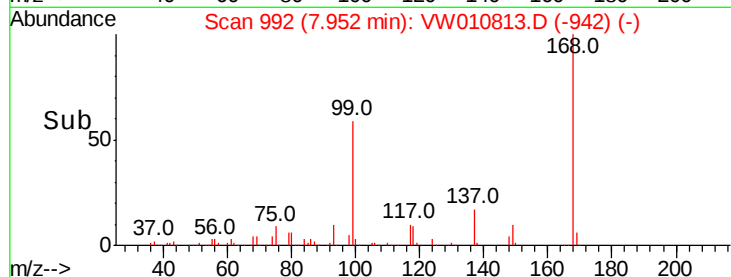
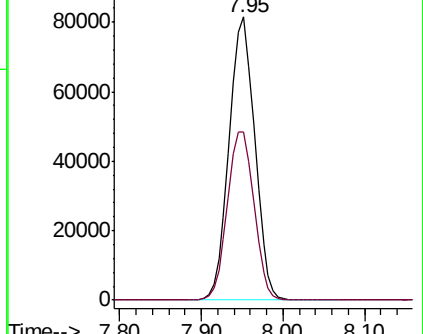
168 100

99 59.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 64.518 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010813.D

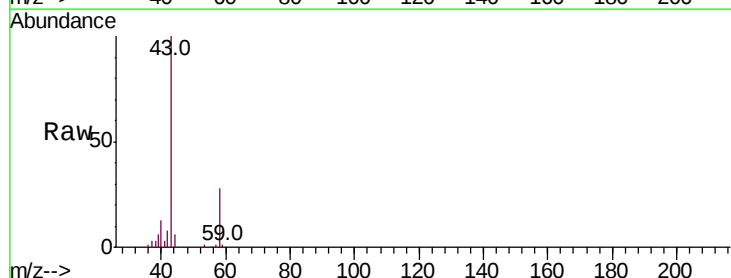
Acq: 14 Jun 2019 14:42

Tgt Ion: 43 Resp: 36123

Ion Ratio Lower Upper

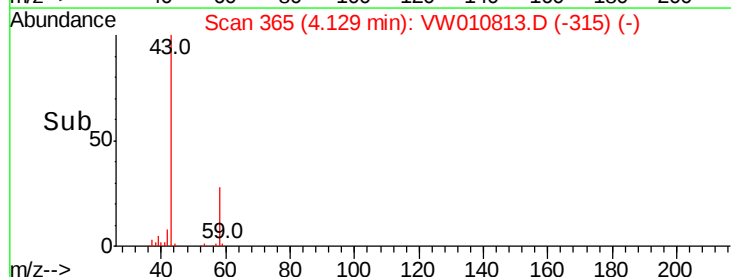
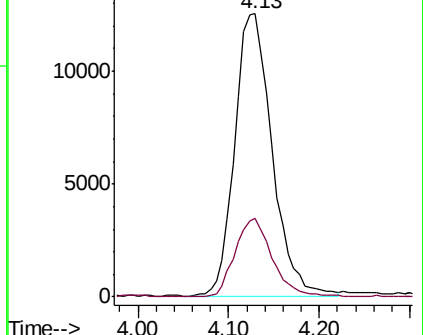
43 100

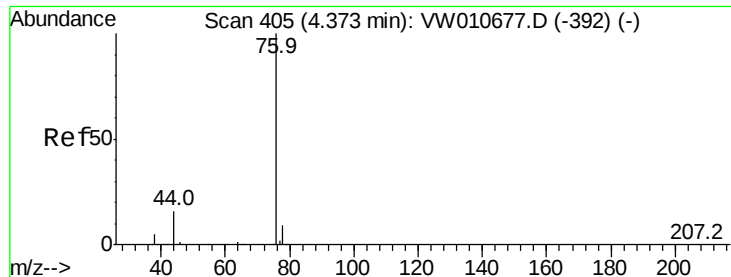
58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

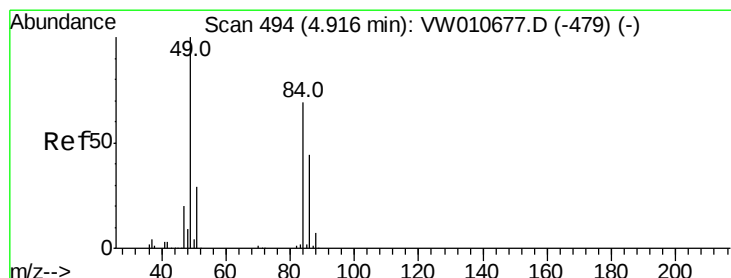
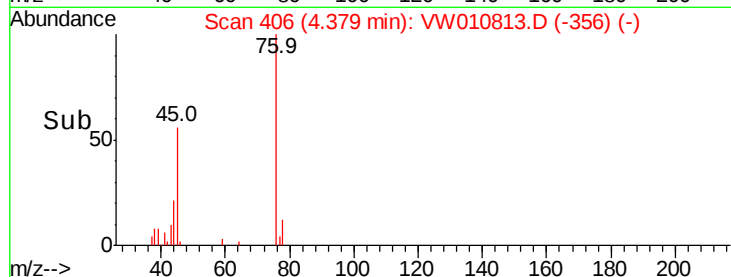
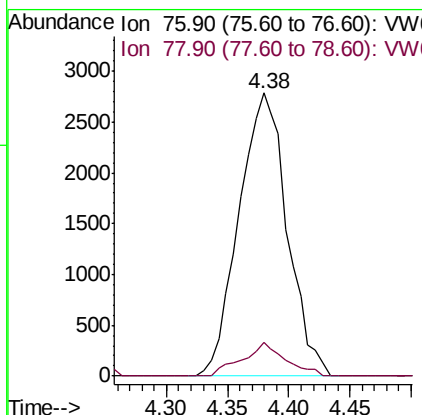
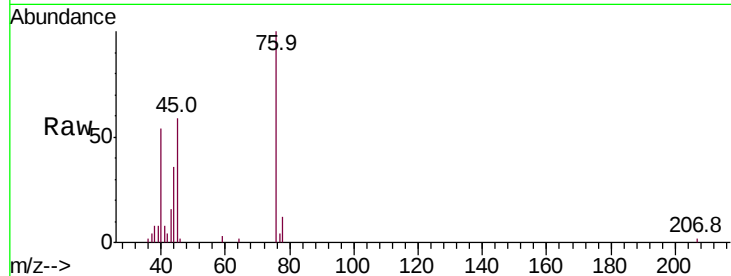




#17
Carbon Disulfide
Concen: 1.401 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

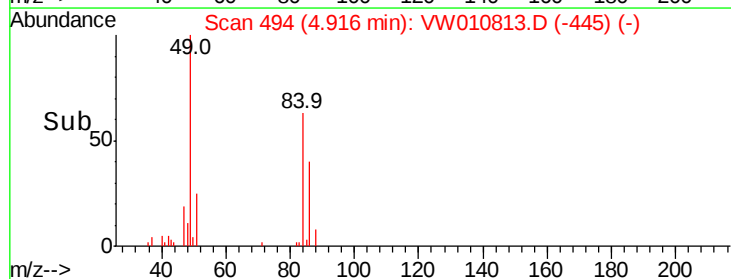
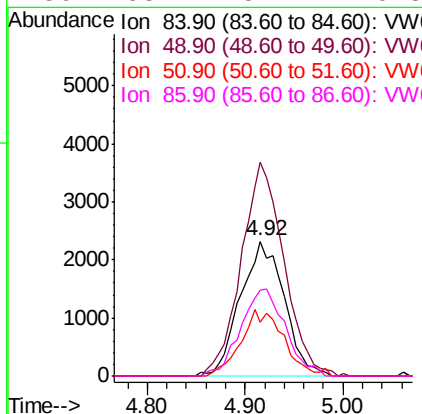
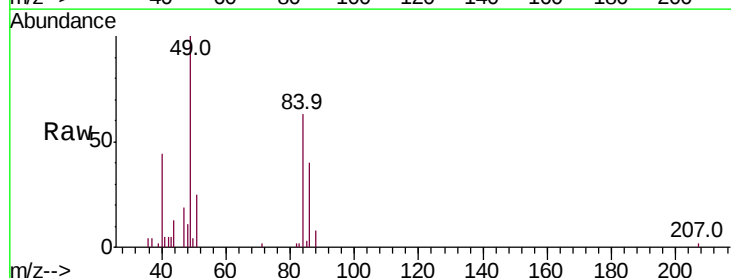
Instrument :
MSVOA_W
ClientSampleId :
13803-13804RE

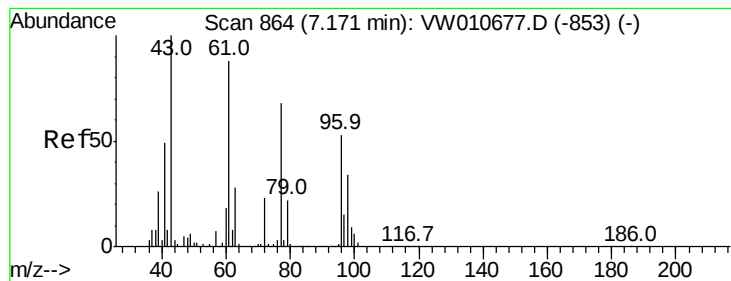
Tot Ion: 76 Resp: 7622
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#



#20
Methylene Chloride
Concen: 3.685 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

Tgt Ion: 84 Resp: 7238
Ion Ratio Lower Upper
84 100
49 158.8 116.7 175.1
51 40.3 34.2 51.2
86 63.4 51.2 76.8





#25

2-Butanone

Concen: 19.602 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

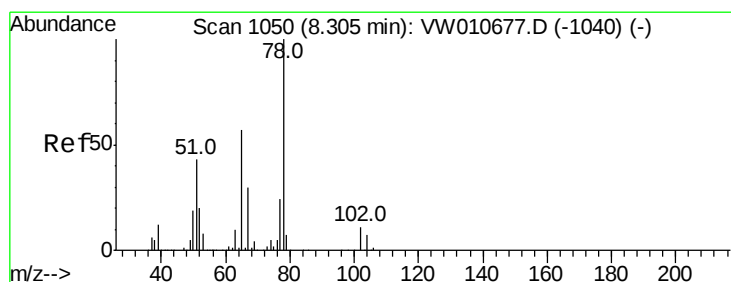
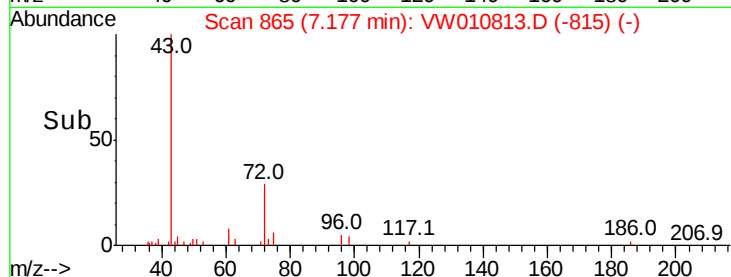
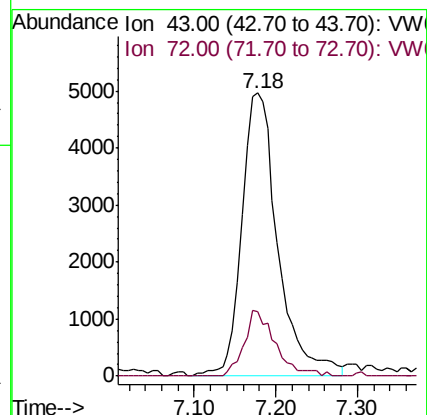
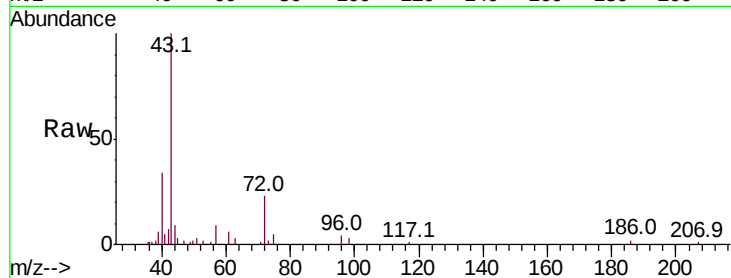
Instrument :
MSVOA_W
ClientSampleId :
13803-13804RE

Tot Ion: 43 Resp: 15218

Ion Ratio Lower Upper

43 100

72 22.9 18.1 27.1



#33

1,2-Dichloroethane-d4

Concen: 37.776 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010813.D

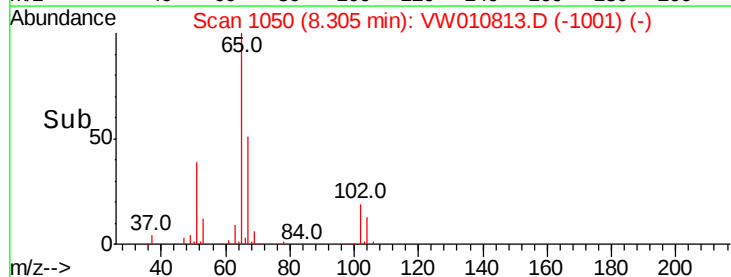
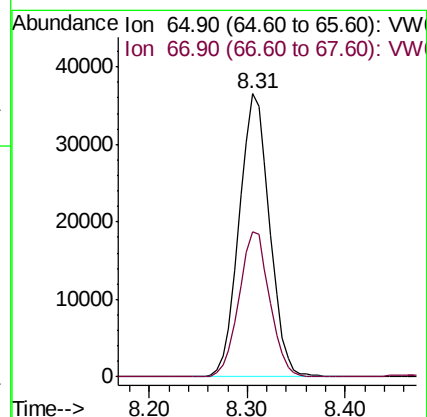
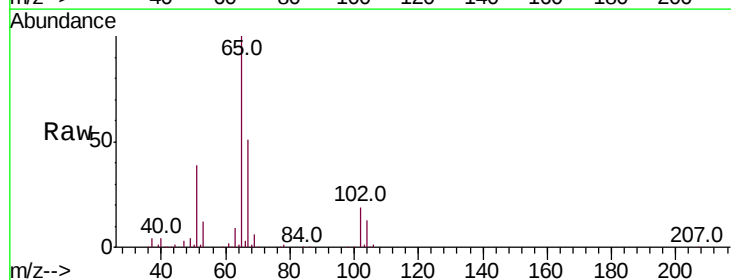
Acq: 14 Jun 2019 14:42

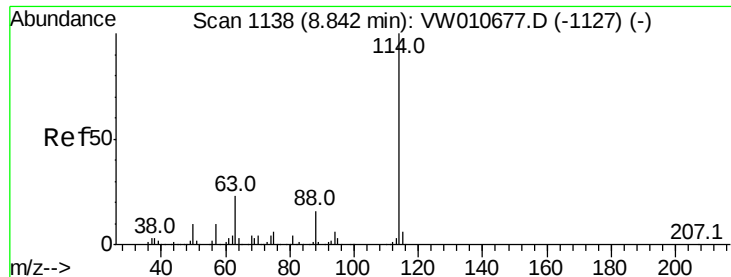
Tgt Ion: 65 Resp: 78934

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6

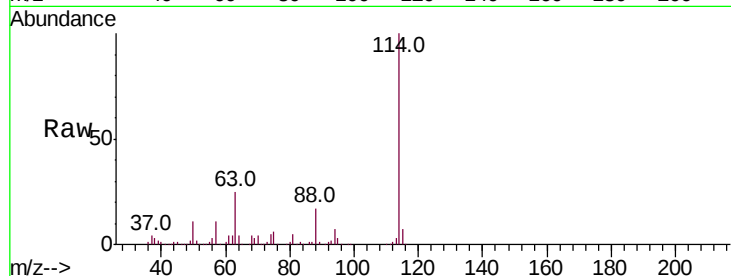




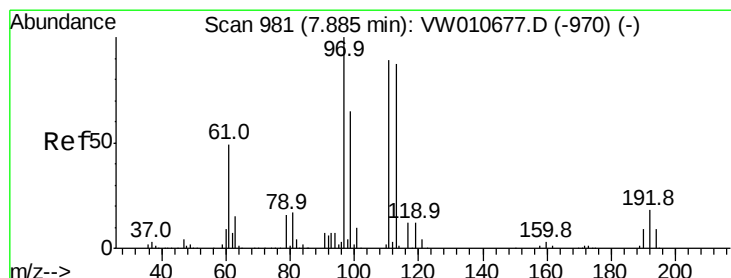
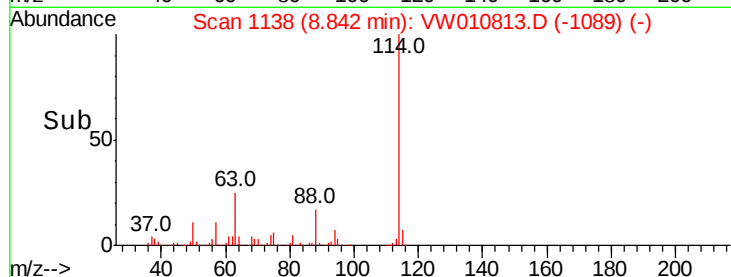
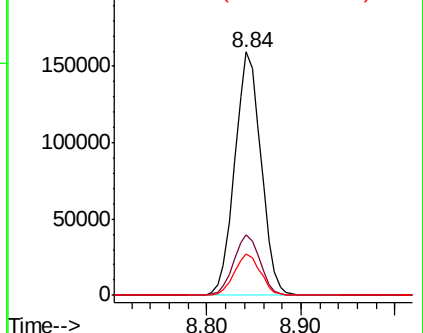
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
13803-13804RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	46.4
88	16.9	0.0	32.2

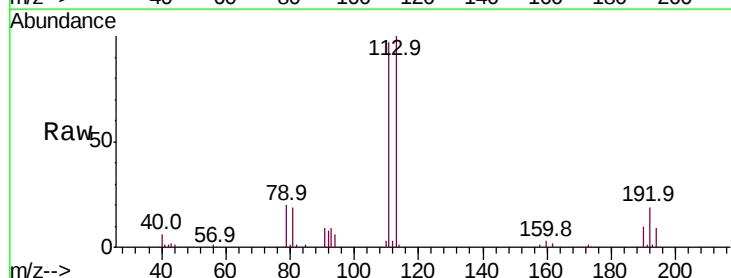


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

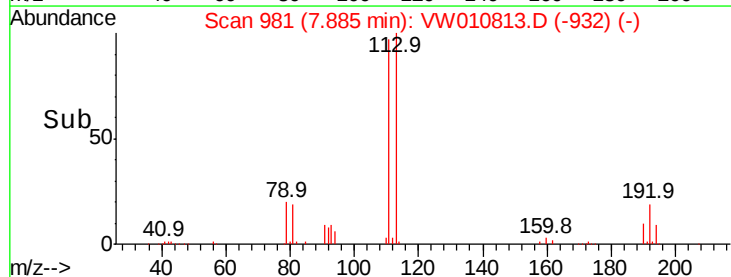
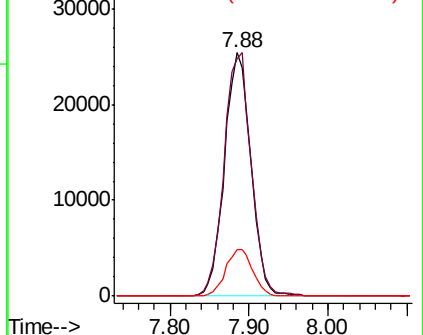


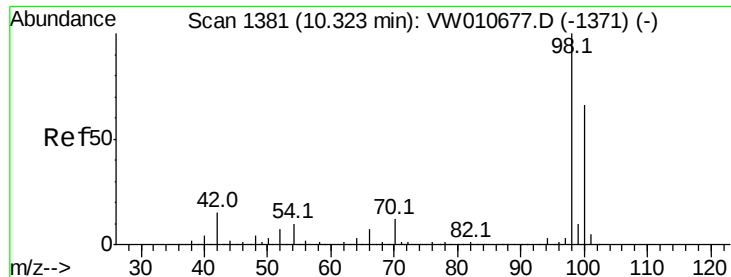
#35
Dibromofluoromethane
Concen: 35.372 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.8	16.4	24.6



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: 28.091 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

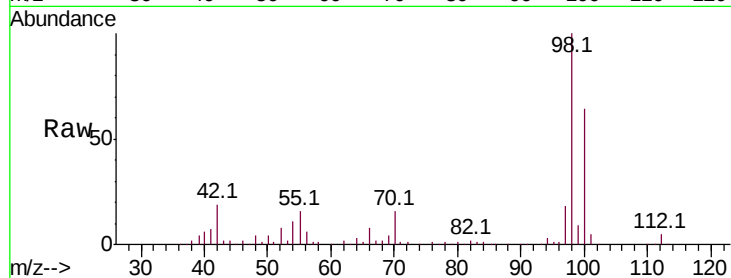
13803-13804RE

Tot Ion: 98 Resp: 206984

Ion Ratio Lower Upper

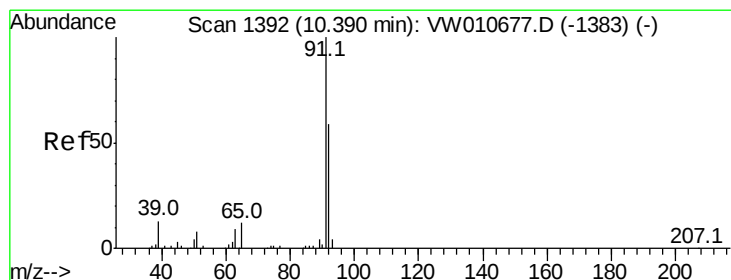
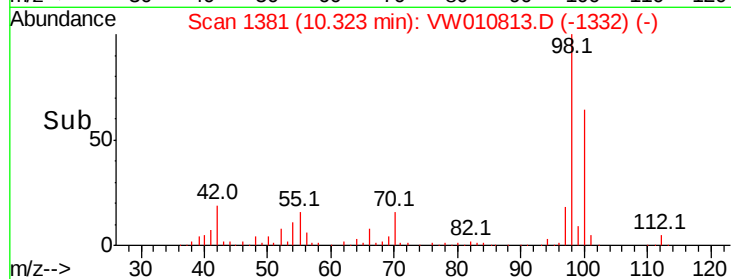
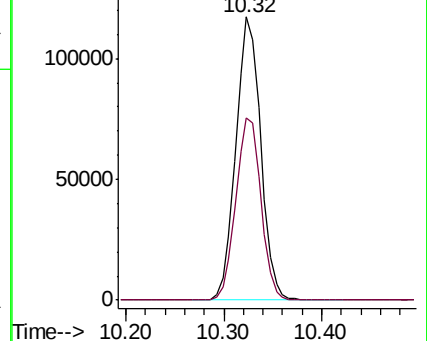
98 100

100 65.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 2.042 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010813.D

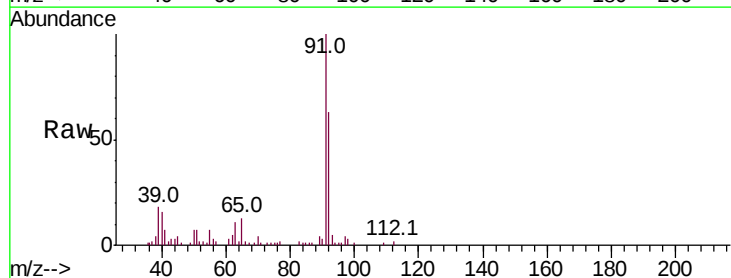
Acq: 14 Jun 2019 14:42

Tgt Ion: 92 Resp: 10860

Ion Ratio Lower Upper

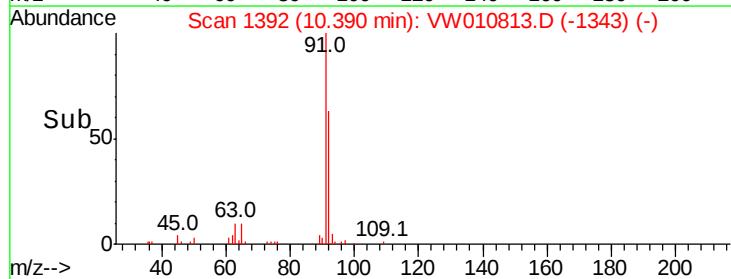
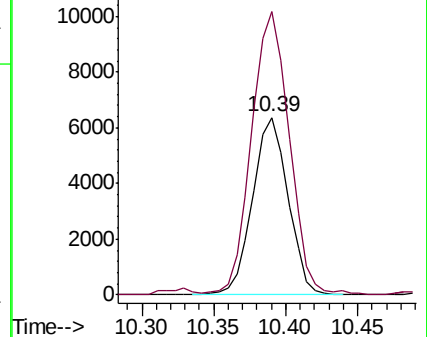
92 100

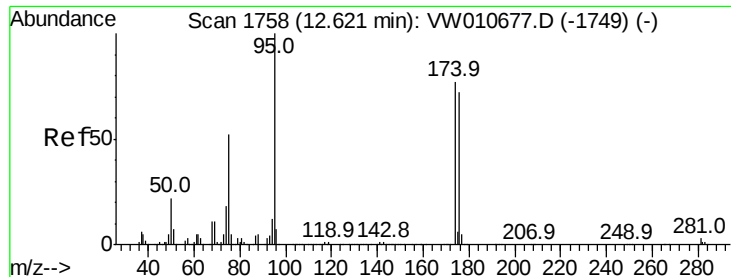
91 170.4 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

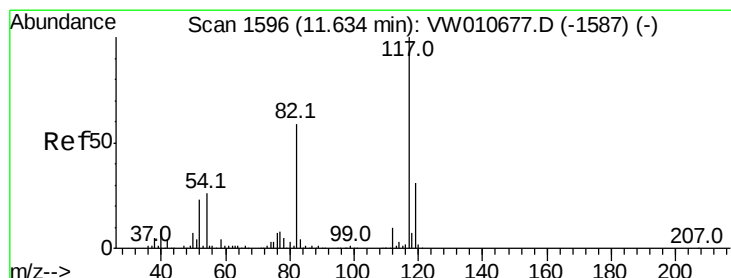
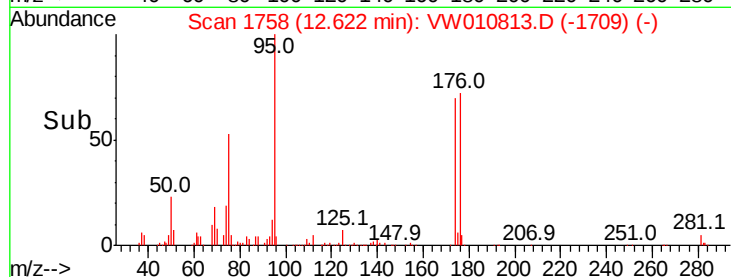
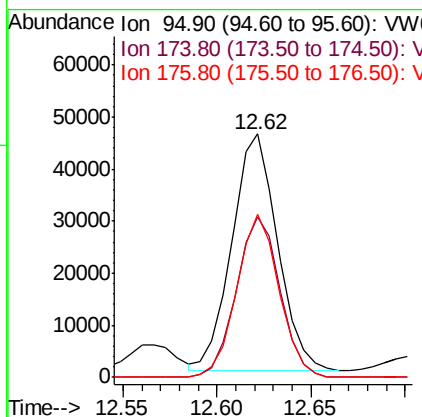
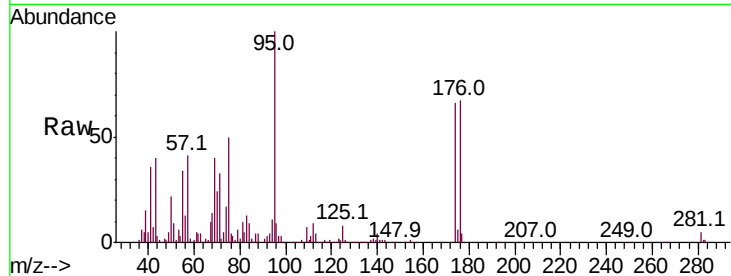




#62
4-Bromofluorobenzene
Concen: 28.394 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

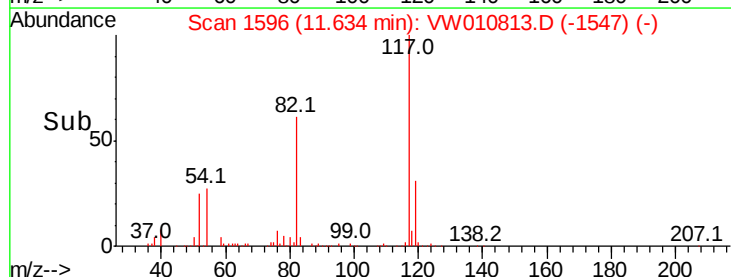
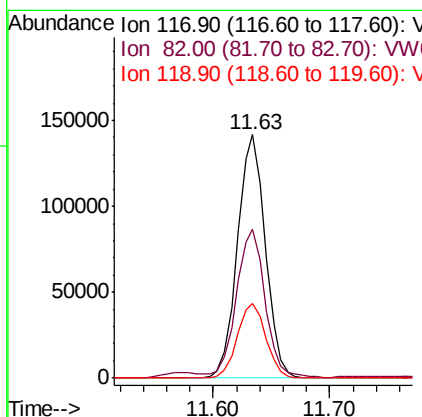
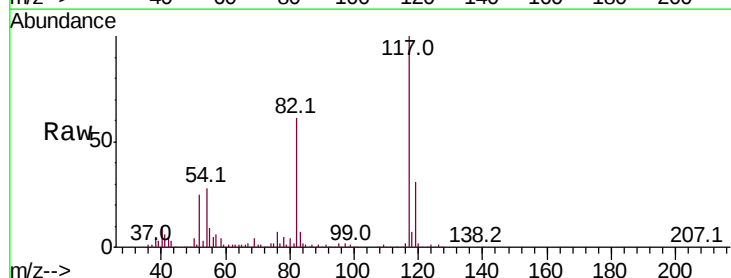
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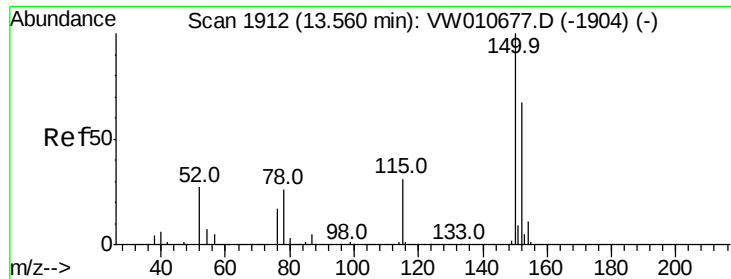
Tot Ion: 95 Resp: 76129
Ion Ratio Lower Upper
95 100
174 64.9 0.0 150.4
176 63.9 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

Tgt Ion: 117 Resp: 235883
Ion Ratio Lower Upper
117 100
82 60.5 47.0 70.4
119 30.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

13803-13804RE

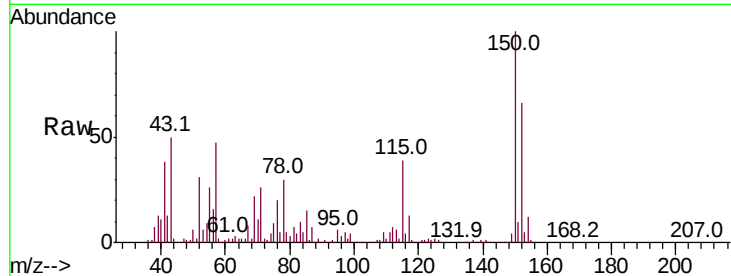
Tot Ion:152 Resp: 74090

Ion Ratio Lower Upper

152 100

115 58.1 29.8 89.3

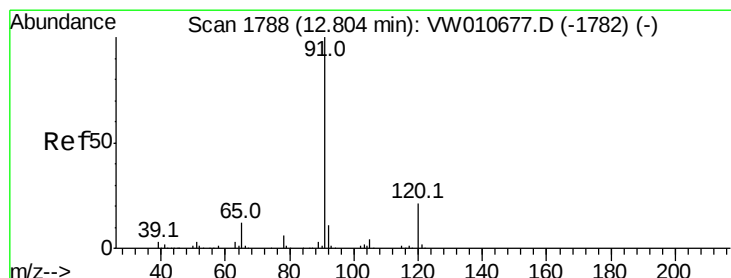
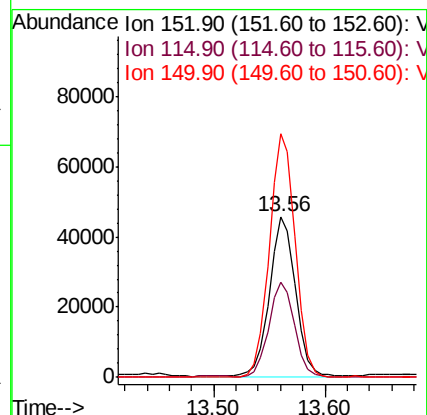
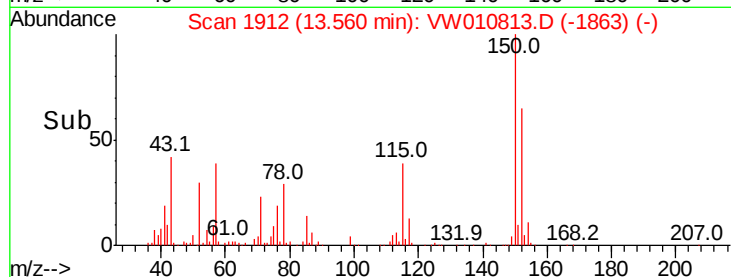
150 150.5 0.0 345.0



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



#78

n-propylbenzene

Concen: 2.041 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010813.D

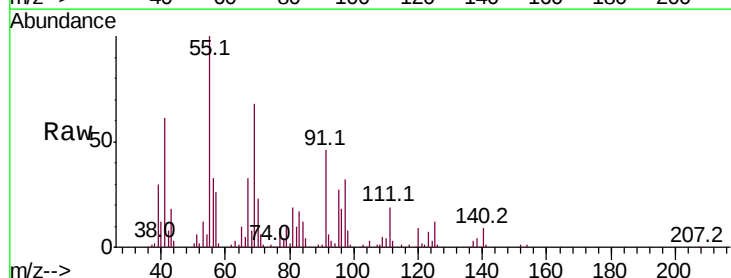
Acq: 14 Jun 2019 14:42

Tgt Ion: 91 Resp: 13700

Ion Ratio Lower Upper

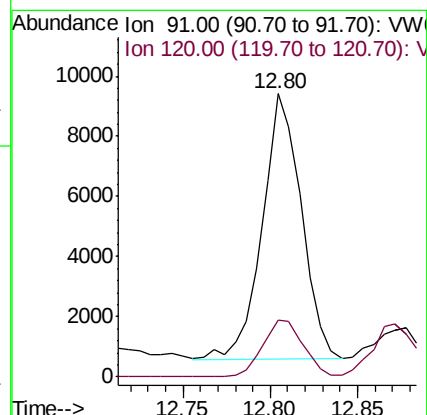
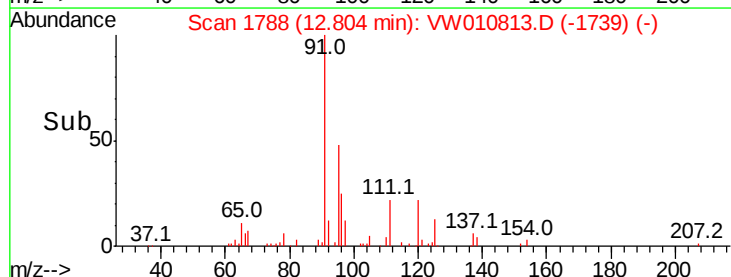
91 100

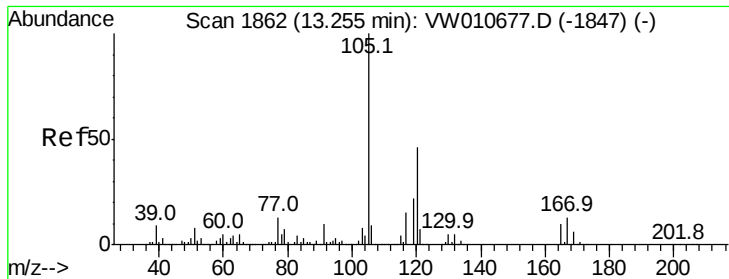
120 22.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 3.958 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

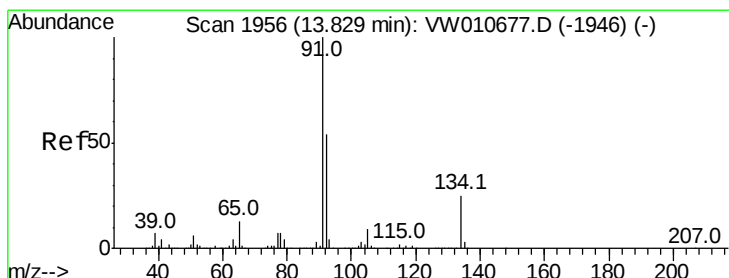
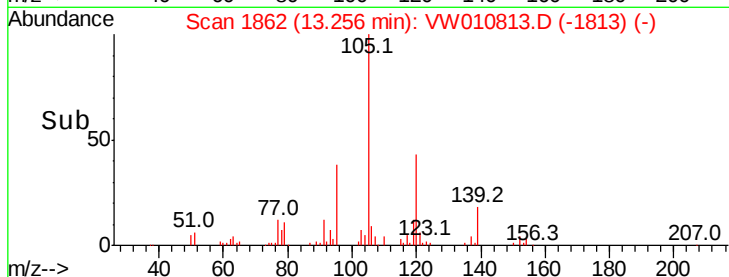
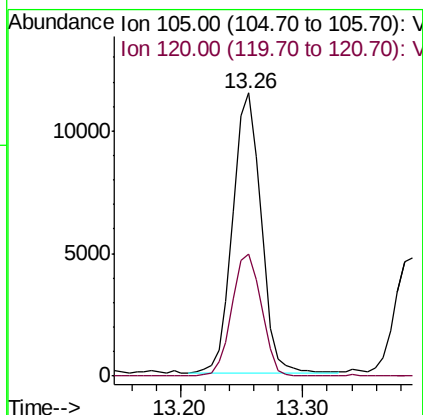
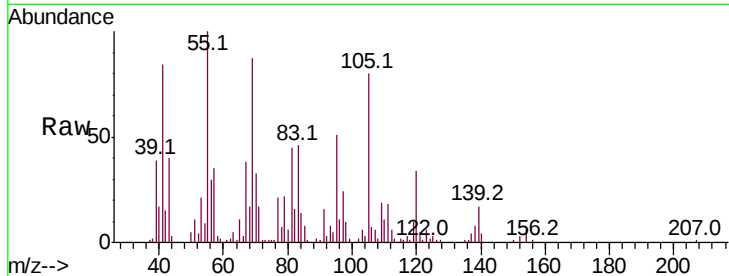
13803-13804RE

Tot Ion:105 Resp: 18149

Ion Ratio Lower Upper

105 100

120 45.5 22.5 67.5



#89

n-Butylbenzene

Concen: 5.610 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW010813.D

Acq: 14 Jun 2019 14:42

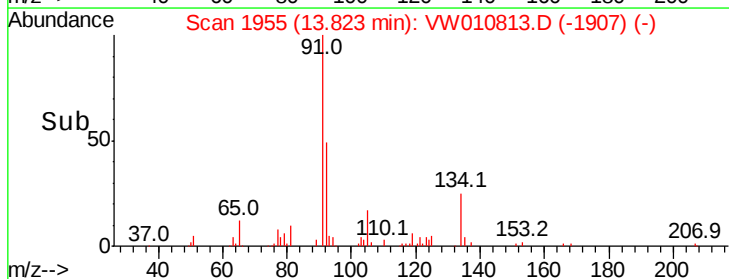
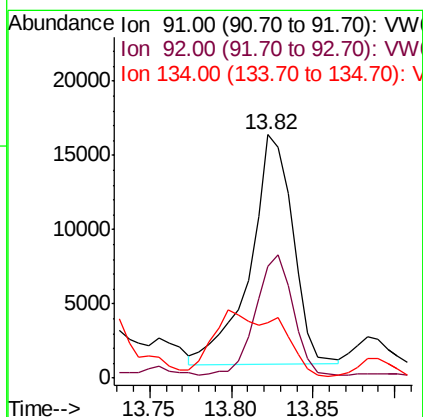
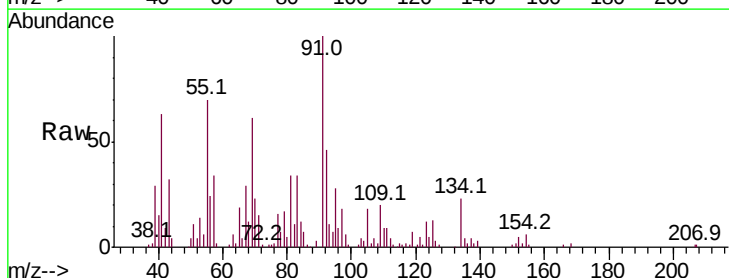
Tgt Ion: 91 Resp: 28188

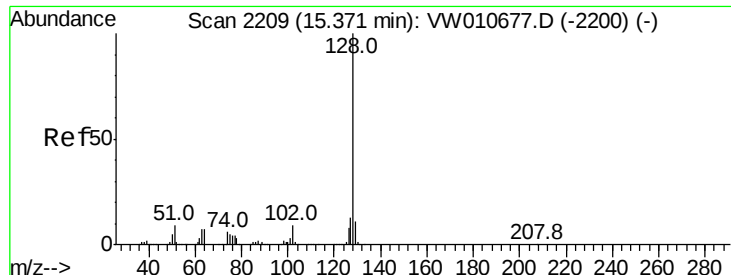
Ion Ratio Lower Upper

91 100

92 46.0 27.3 81.8

134 0.0 12.3 36.9#





#95
Naphthalene
Concen: 15.482 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010813.D
Acq: 14 Jun 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
13803-13804RE

Tot Ion:128 Resp: 41603
Ion Ratio Lower Upper
128 100
127 15.1 10.6 15.8
129 9.2 8.6 13.0

