

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010691.D
 Acq On : 05 Jun 2019 14:43
 Operator : SY/VA
 Sample : K3171-02
 Misc : 4.17G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-A

Quant Time: Jun 06 07:46:24 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	201105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	141746	59.80	ug/l	0.00
Spiked Amount			Recovery	=	119.60%	
35) Dibromofluoromethane	7.88	113	57812	29.83	ug/l	0.00
Spiked Amount			Recovery	=	59.66%	
50) Toluene-d8	10.32	98	443257	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	134350	43.44	ug/l	0.00
Spiked Amount			Recovery	=	86.88%	

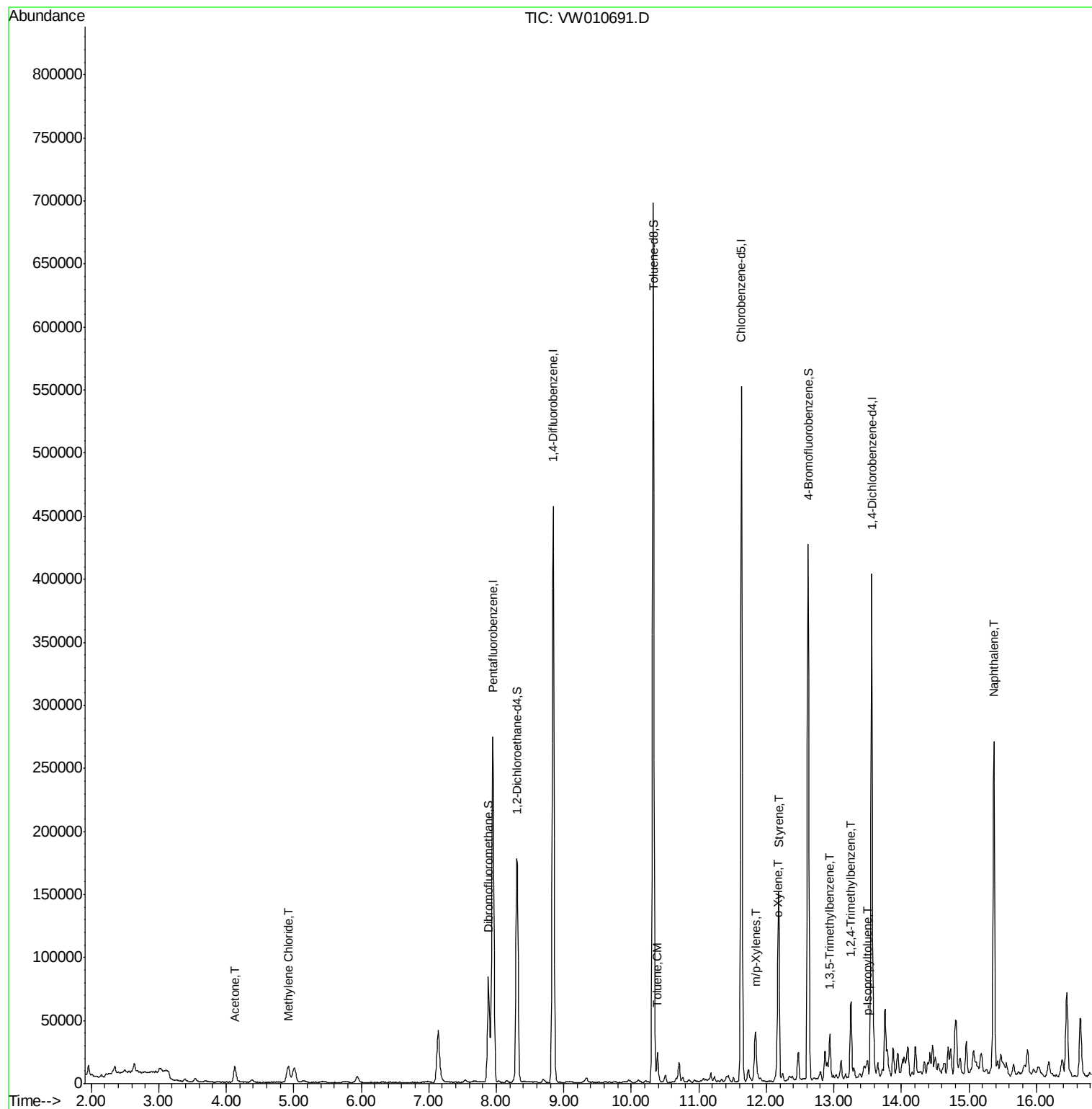
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	23554	37.085	ug/l	97
20) Methylene Chloride	4.92	84	9091	4.080	ug/l	97
52) Toluene	10.39	92	9159	1.493	ug/l	97
68) m/p-Xylenes	11.83	106	9876	2.606	ug/l	100
69) o-Xylene	12.16	106	5512	1.533	ug/l	100
70) Styrene	12.18	104	62387	9.991	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	11139	1.887	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	32522	5.476	ug/l	99
86) p-Isopropyltoluene	13.50	119	6618	1.015	ug/l	95
95) Naphthalene	15.37	128	212499	61.060	ug/l	100

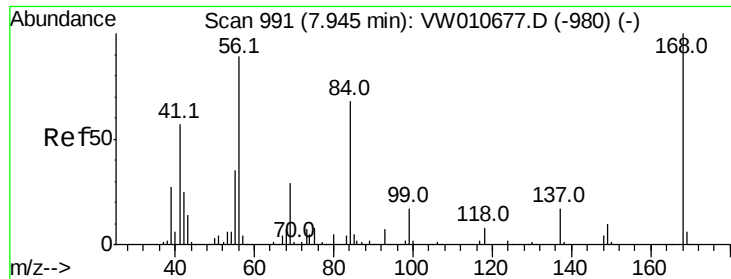
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010691.D

Acq: 05 Jun 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

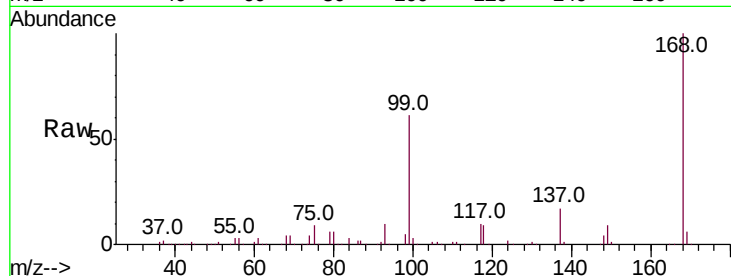
FK-SF-03-008-A

Tot Ion:168 Resp: 201105

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

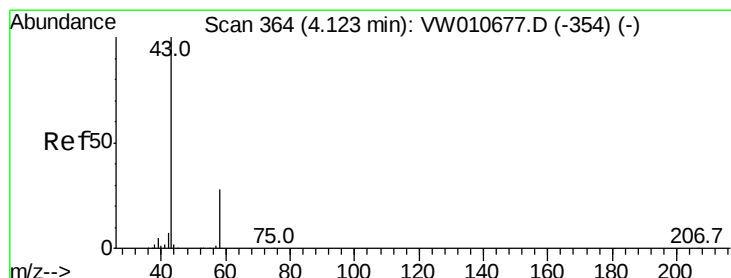
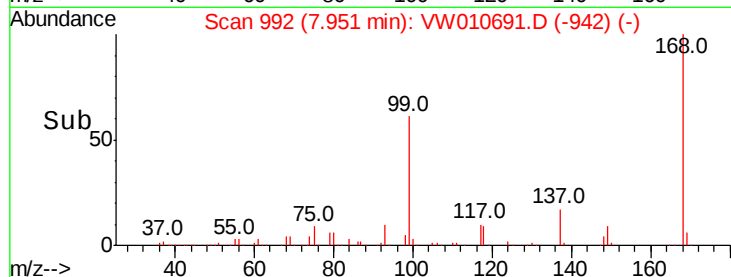
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 37.085 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010691.D

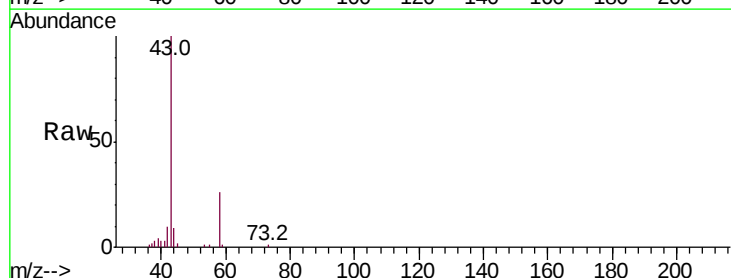
Acq: 05 Jun 2019 14:43

Tgt Ion: 43 Resp: 23554

Ion Ratio Lower Upper

43 100

58 26.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

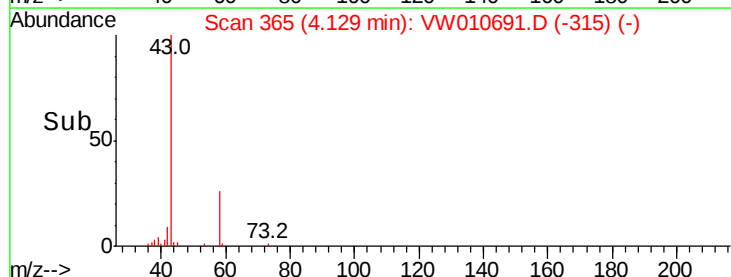
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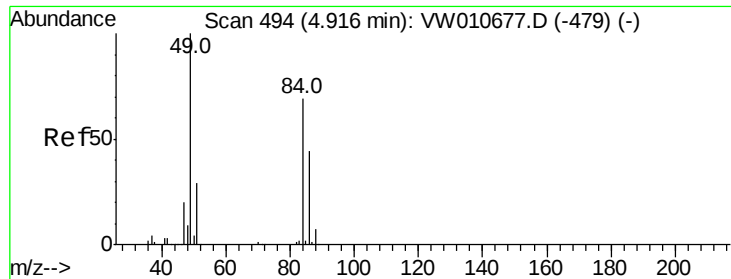
4000

2000

0

Time-->

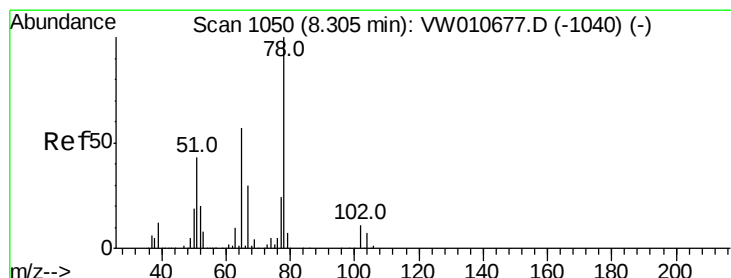
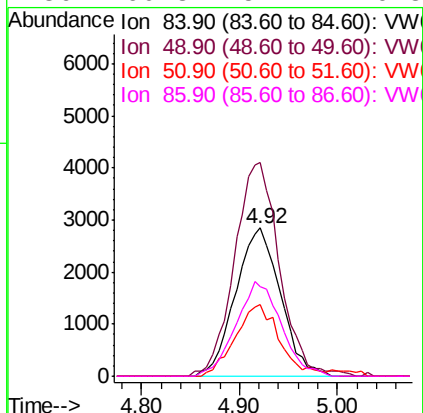
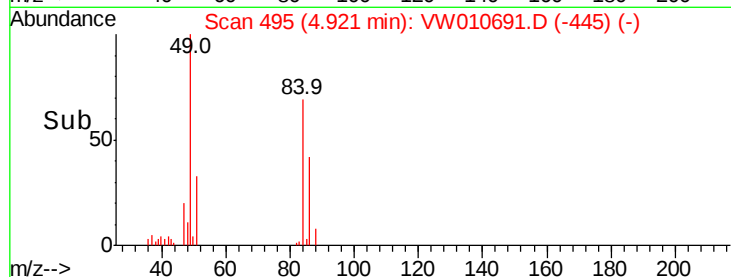
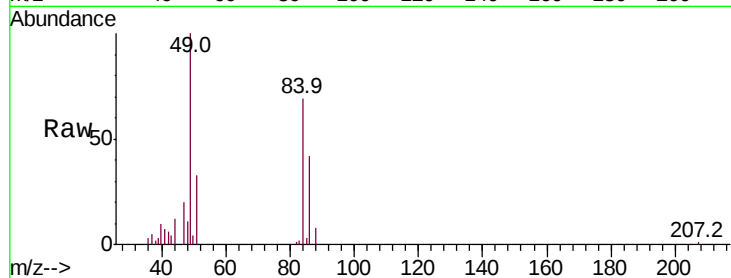




#20
Methylene Chloride
Concen: 4.080 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

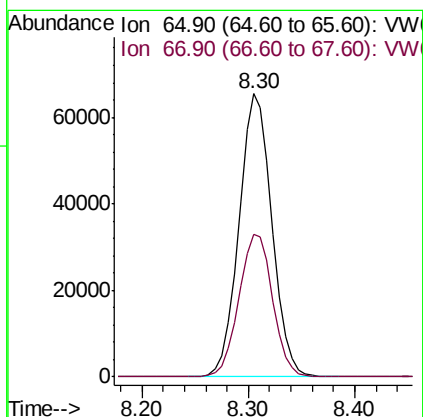
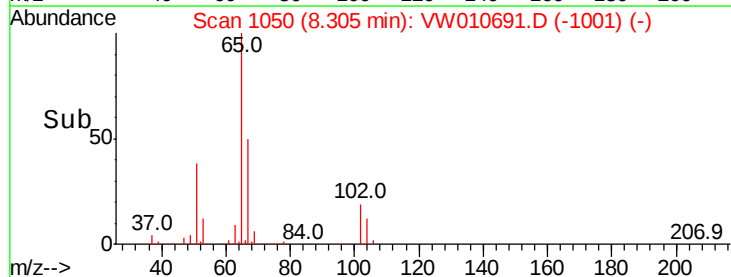
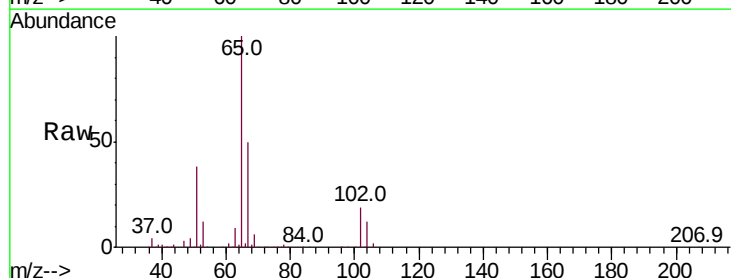
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

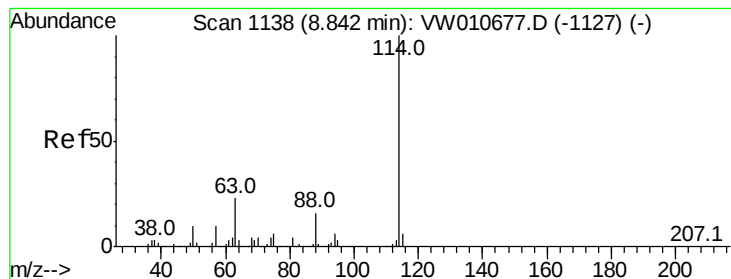
Tot Ion: 84 Resp: 9091
Ion Ratio Lower Upper
84 100
49 144.1 116.7 175.1
51 48.2 34.2 51.2
86 60.3 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 59.799 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Tgt Ion: 65 Resp: 141746
Ion Ratio Lower Upper
65 100
67 51.8 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: VW010691.D

Acq: 05 Jun 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-008-A

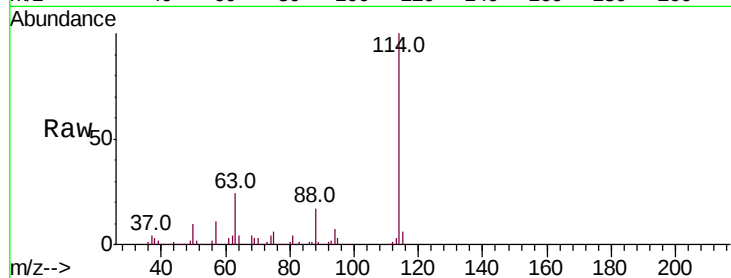
Tot Ion:114 Resp: 357069

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.4

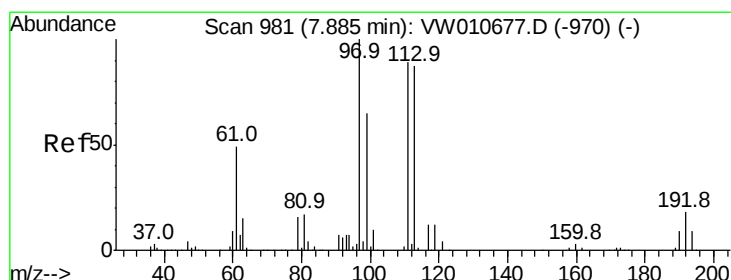
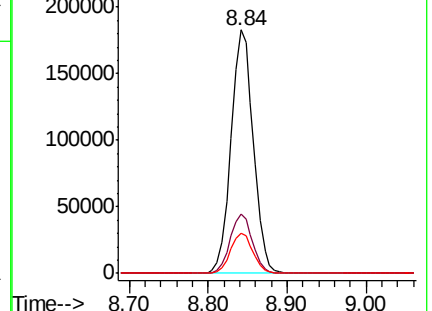
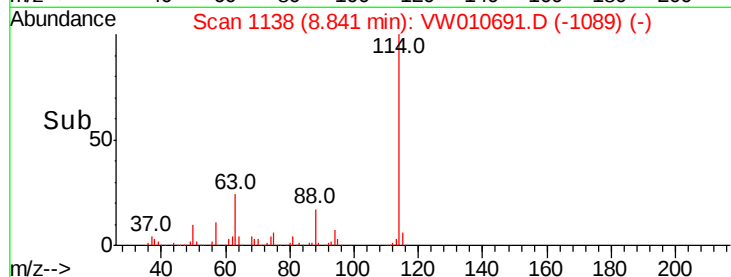
88 16.7 0.0 32.2



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: 29.829 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010691.D

Acq: 05 Jun 2019 14:43

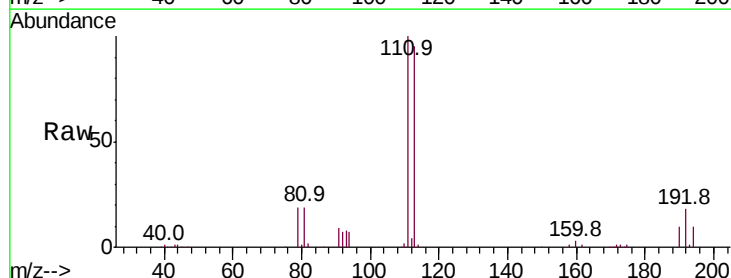
Tgt Ion:113 Resp: 57812

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

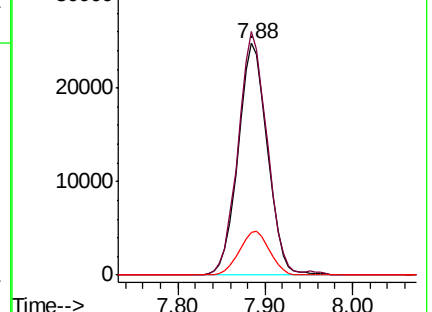
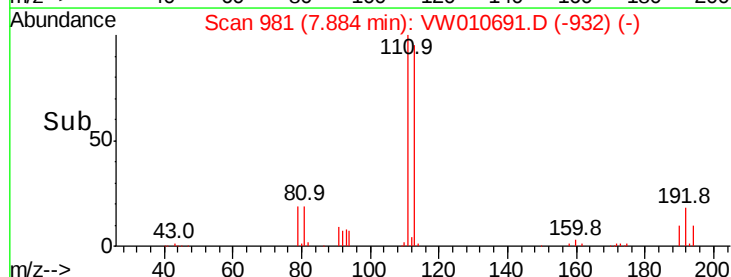
192 19.5 16.4 24.6

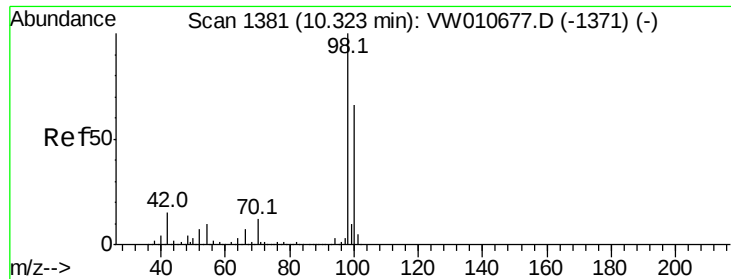


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.155 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010691.D

Acq: 05 Jun 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

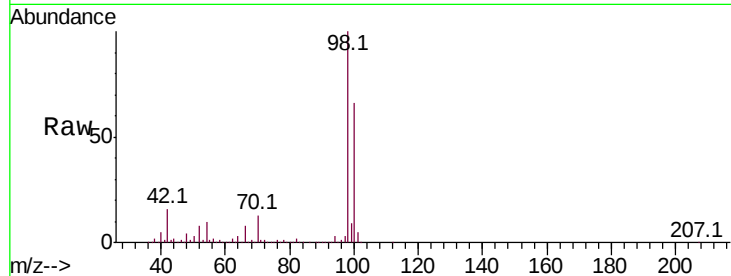
FK-SF-03-008-A

Tot Ion: 98 Resp: 443257

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

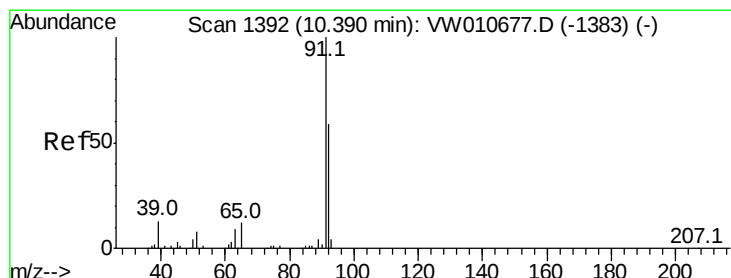
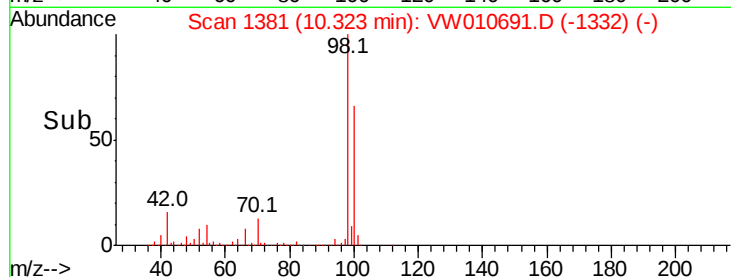
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#52

Toluene

Concen: 1.493 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010691.D

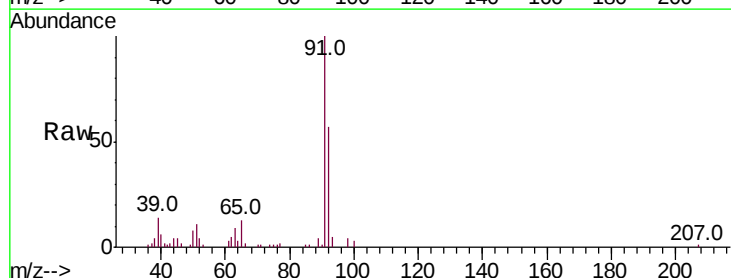
Acq: 05 Jun 2019 14:43

Tgt Ion: 92 Resp: 9159

Ion Ratio Lower Upper

92 100

91 172.8 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10000

8000

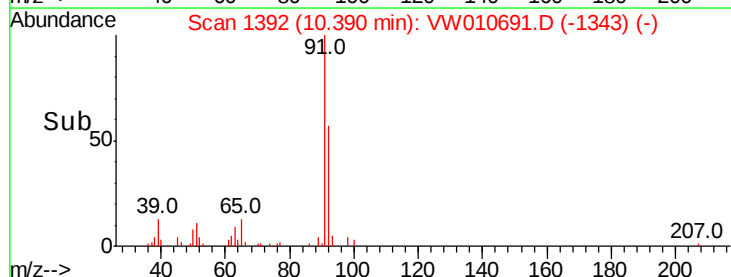
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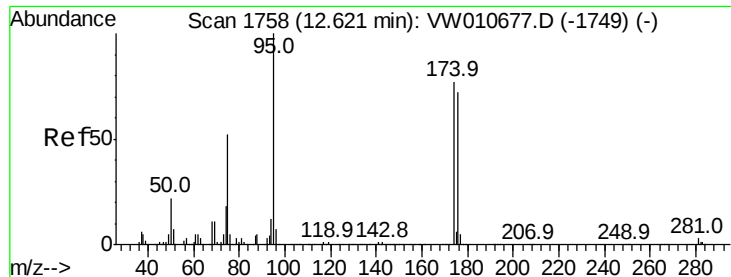
4000

2000

0

Time--> 10.30 10.35 10.40 10.45

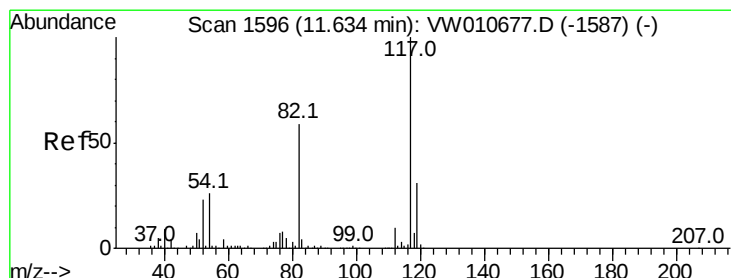
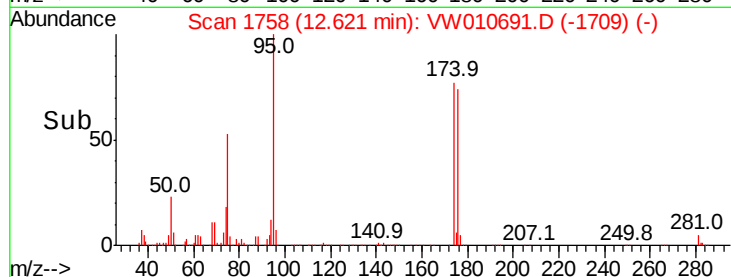
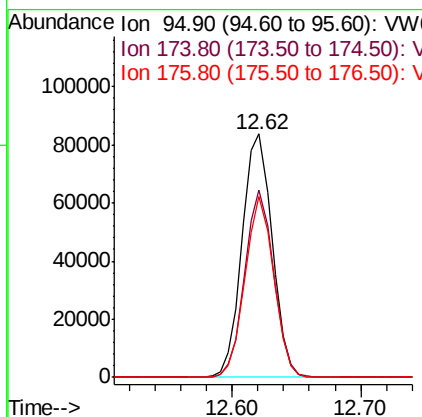
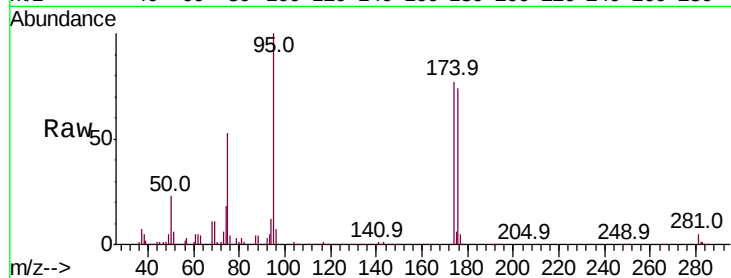




#62
4-Bromofluorobenzene
Concen: 43.443 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

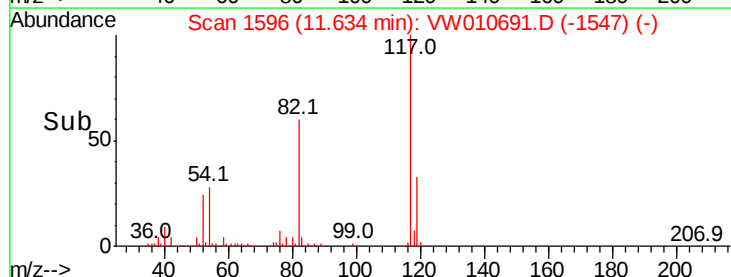
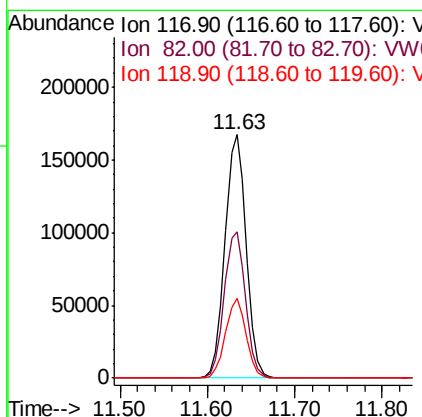
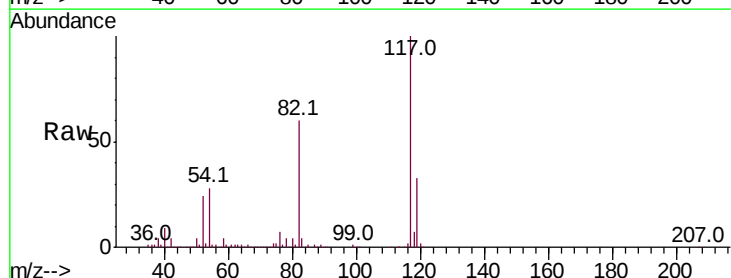
Instrument :
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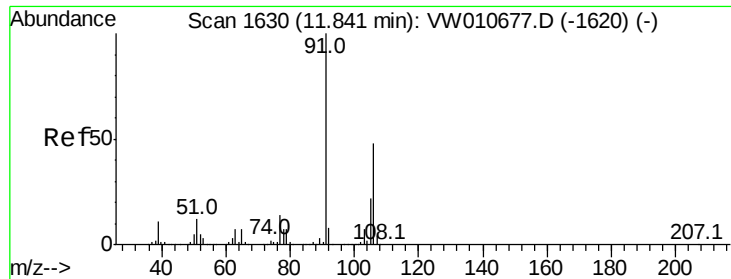
Tot Ion: 95 Resp: 134350
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 71.4 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Tgt Ion: 117 Resp: 280143
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 32.6 25.1 37.7

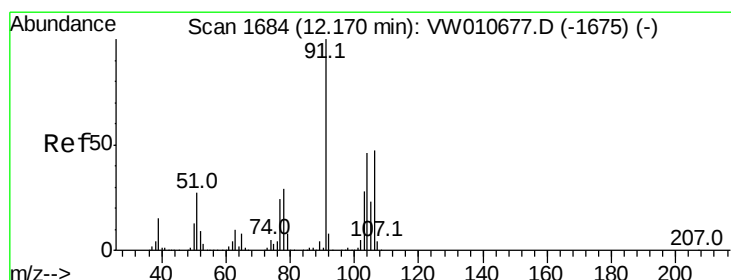
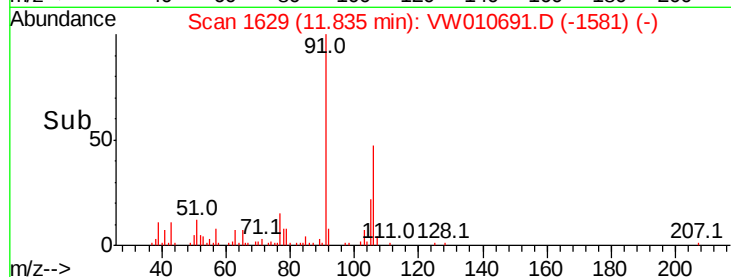
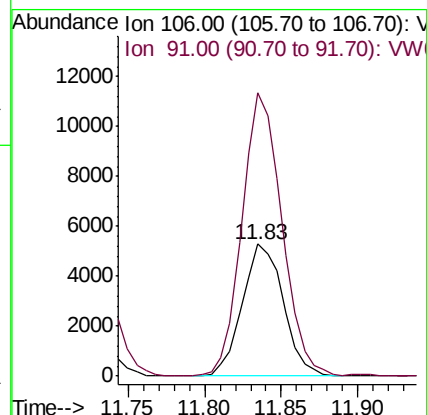
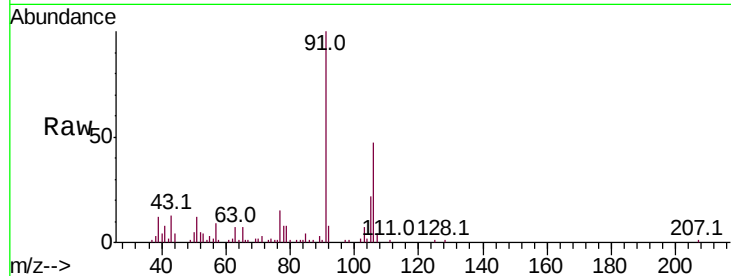




#68
m/p-Xylenes
Concen: 2.606 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

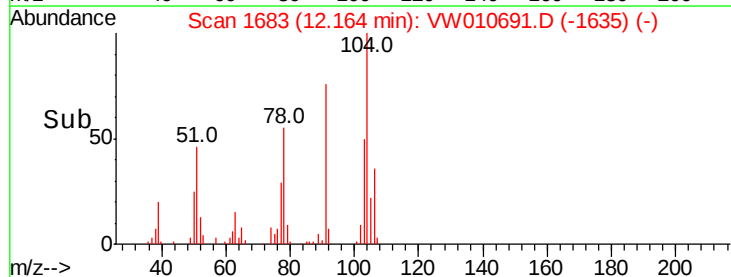
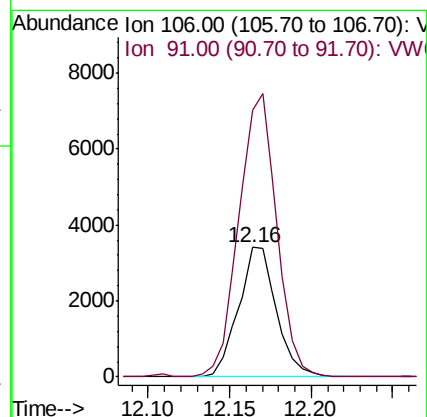
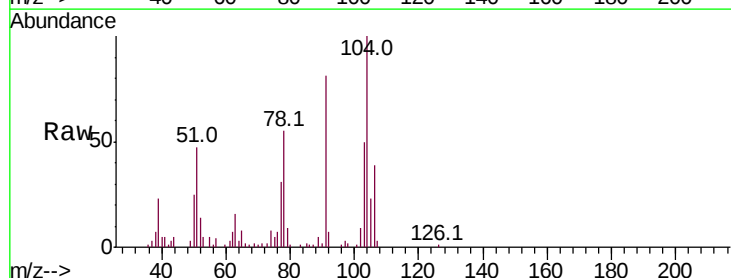
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MSVOA_W
ClientSampleId :
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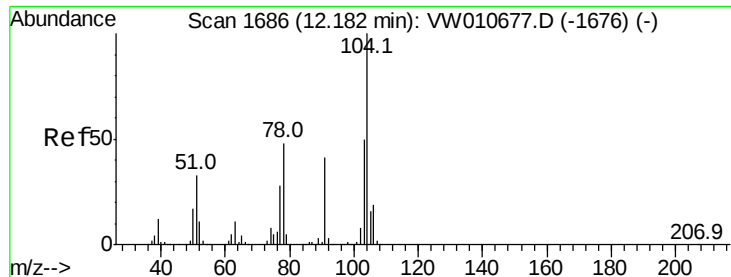
Tot Ion:106 Resp: 9876
Ion Ratio Lower Upper
106 100
91 208.1 166.5 249.7



#69
o-Xylene
Concen: 1.533 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Tgt Ion:106 Resp: 5512
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.6

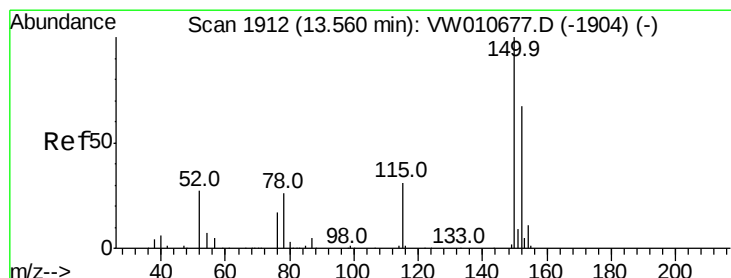
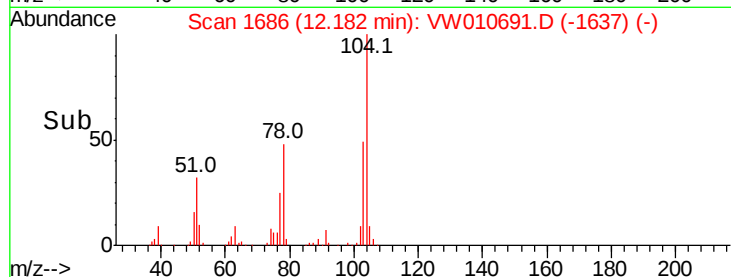
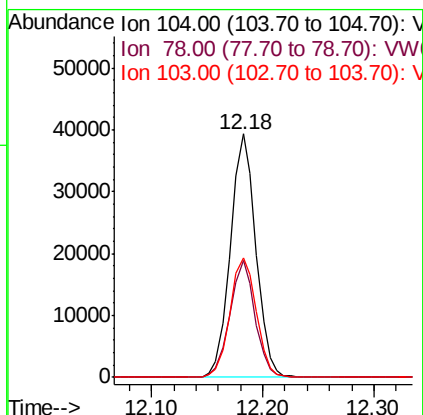
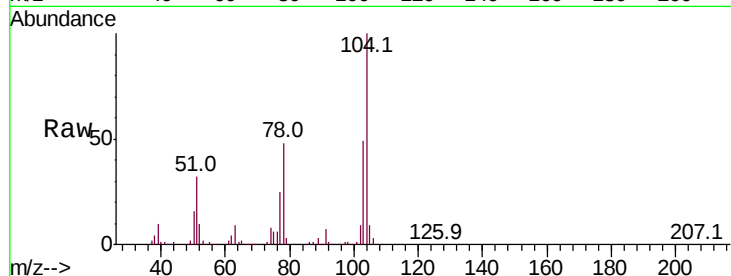




#70
Stvrene
Concen: 9.991 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

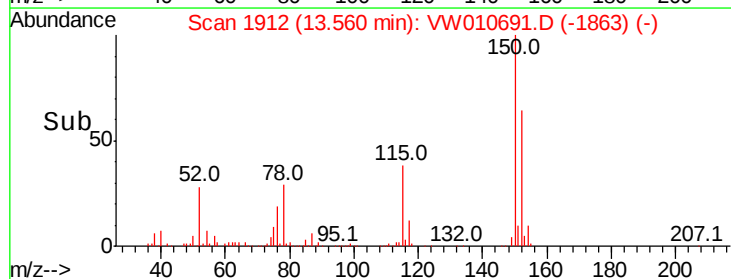
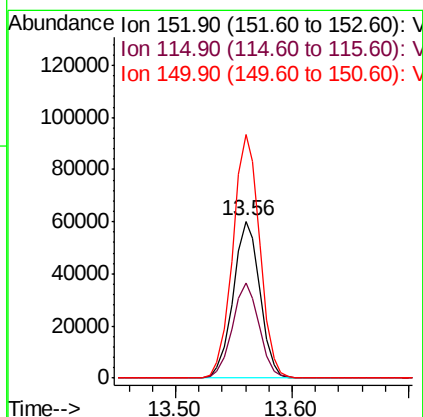
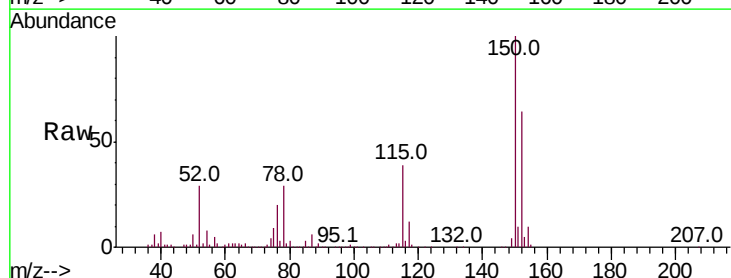
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

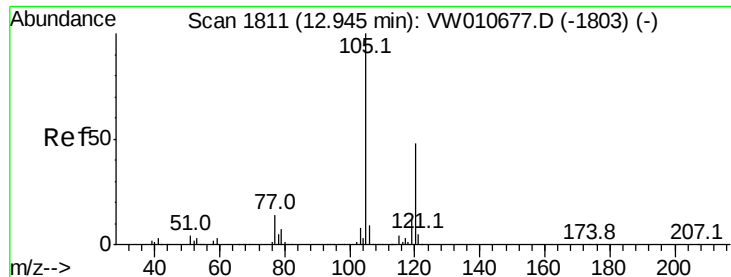
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	42.7	64.1
103	50.5	43.6	65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.8	89.3
150	156.1	0.0	345.0

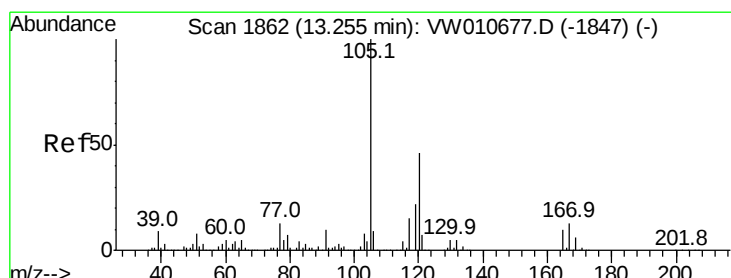
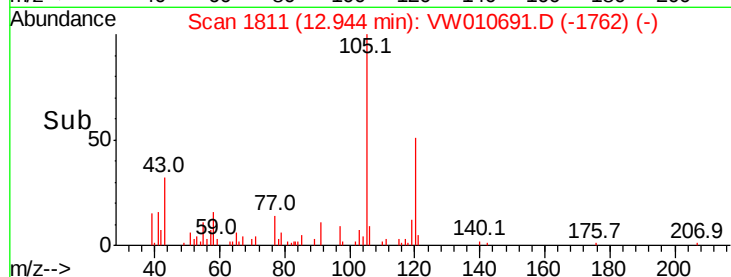
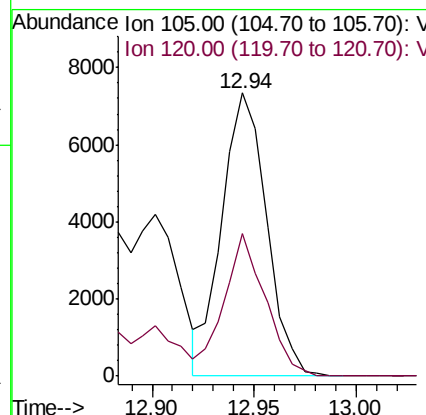
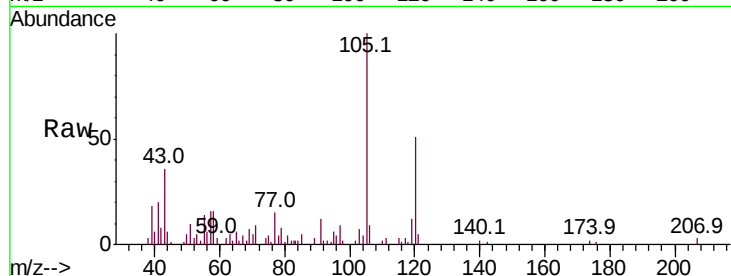




#80
 1,3,5-Trimethylbenzene
 Concen: 1.887 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010691.D
 Acq: 05 Jun 2019 14:43

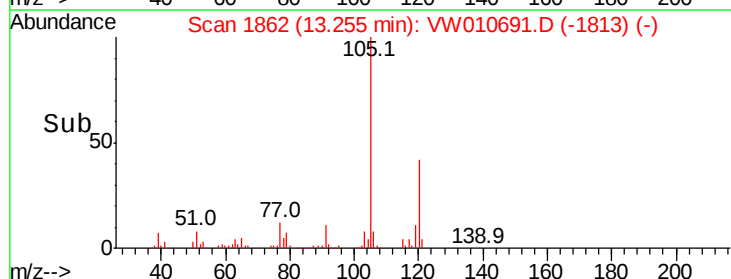
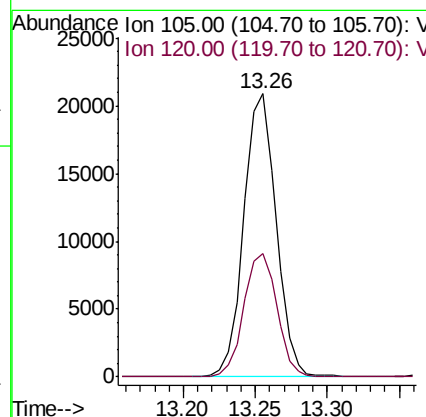
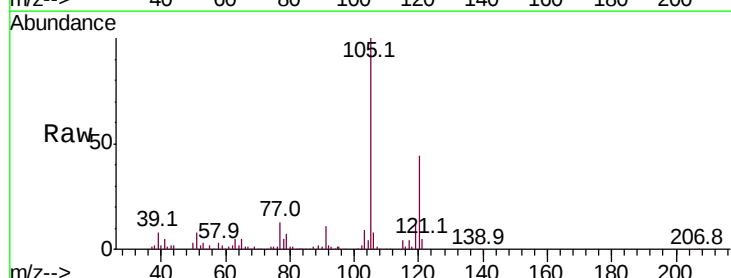
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-A

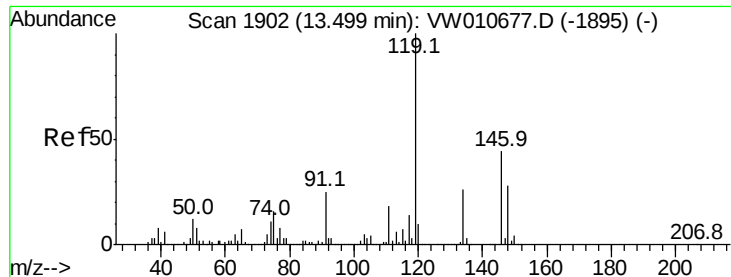
Tot Ion:105 Resp: 11139
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.476 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010691.D
 Acq: 05 Jun 2019 14:43

Tgt Ion:105 Resp: 32522
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.5 67.5

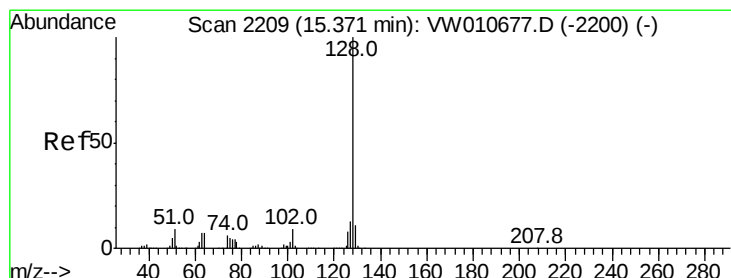
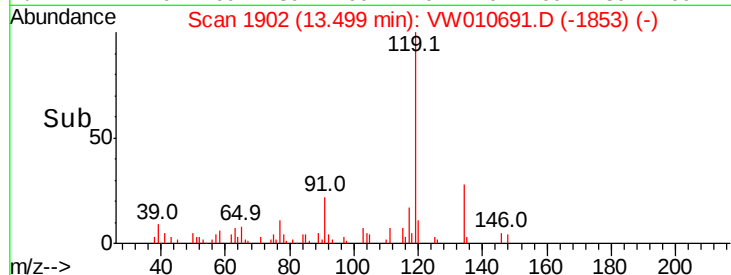
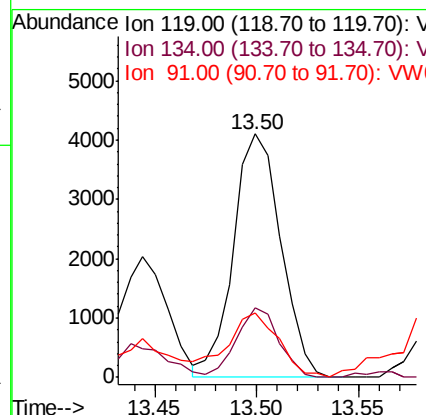
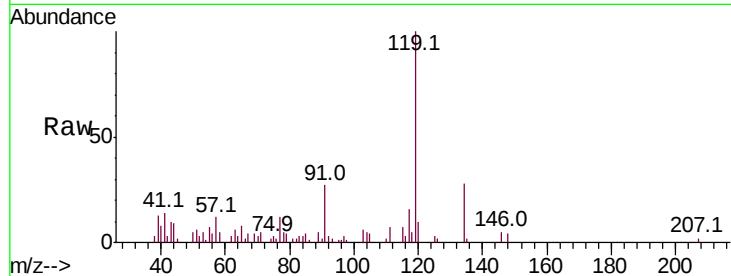




#86
p-Isopropyltoluene
Concen: 1.015 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

Tot Ion:119 Resp: 6618
Ion Ratio Lower Upper
119 100
134 25.3 13.0 39.0
91 28.8 12.2 36.4



#95
Naphthalene
Concen: 61.060 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010691.D
Acq: 05 Jun 2019 14:43

Tgt Ion:128 Resp: 212499
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.6 13.0

