

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009827.D
 Acq On : 23 May 2019 01:17
 Operator : JC/SP
 Sample : K2976-06 50X
 Misc : 3.93g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E-6R(17-20)

Quant Time: May 23 08:44:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

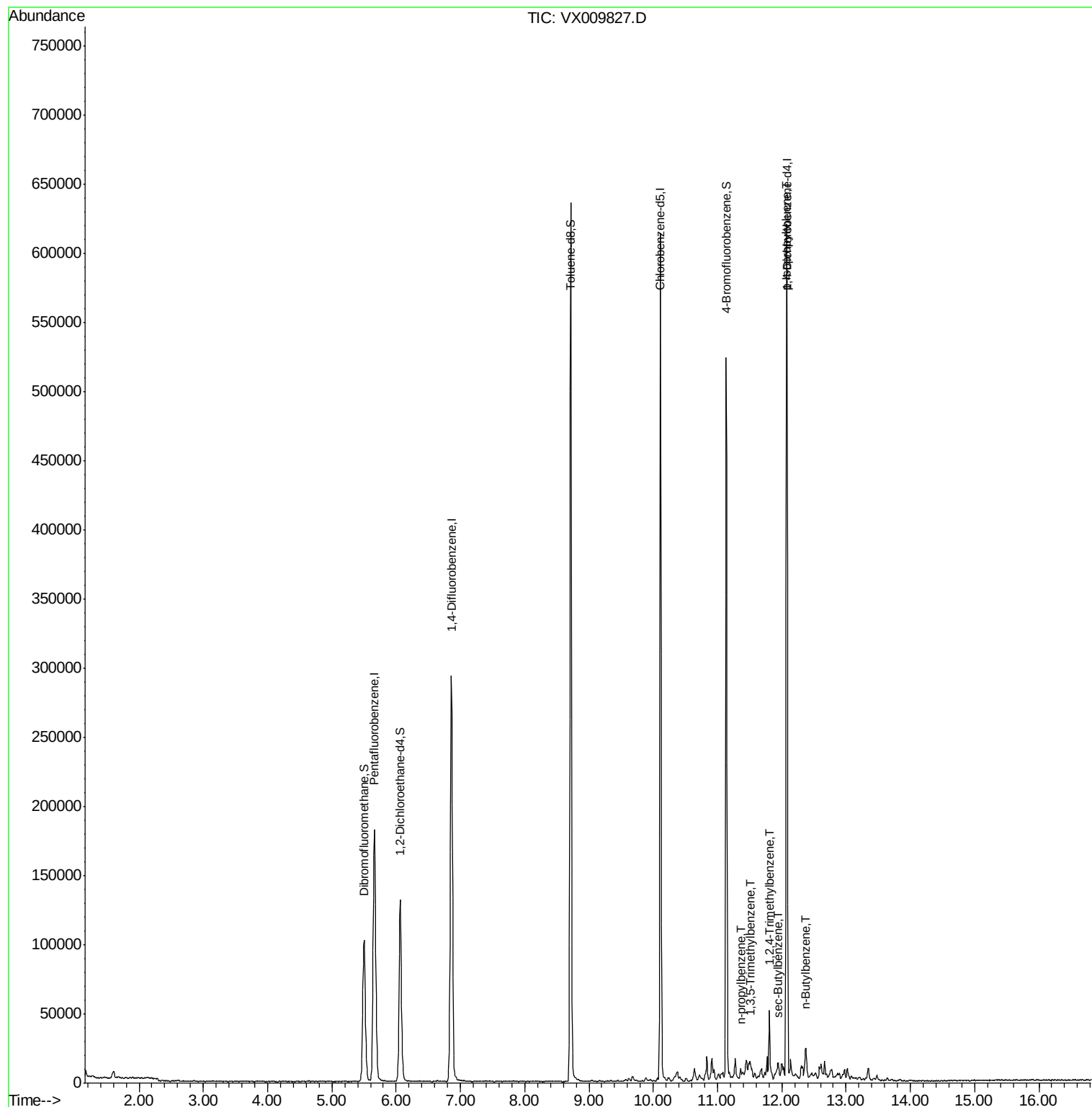
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122968	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	5.50	113	86909	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	365800	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	134051	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
Target Compounds						
78) n-propylbenzene	11.36	91	4880	0.455	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3982	0.504	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	18193	2.292	ug/l	99
85) sec-Butylbenzene	11.94	105	2845	0.312	ug/l #	78
86) p-Isopropyltoluene	12.07	119	1922	0.234	ug/l #	68
89) n-Butylbenzene	12.38	91	4054	0.547	ug/l #	62

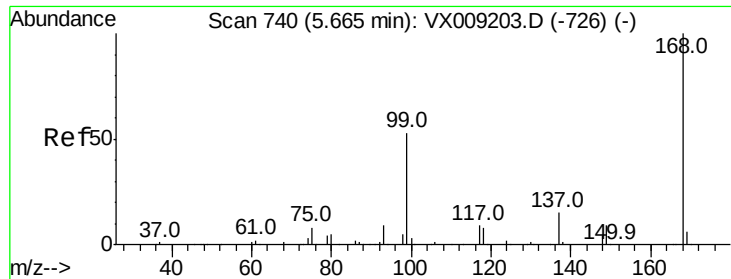
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E-6R(17-20)

Quant Time: May 23 08:44:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009827.D

Acq: 23 May 2019 01:17

Instrument :

MSVOA_X

ClientSampleId :

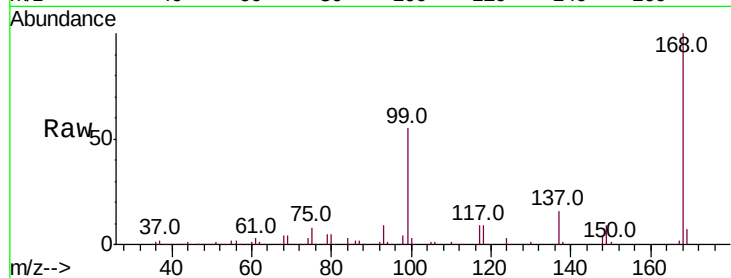
EP1-SB-E-6R(17-20)

Tot Ion:168 Resp: 177261

Ion Ratio Lower Upper

168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

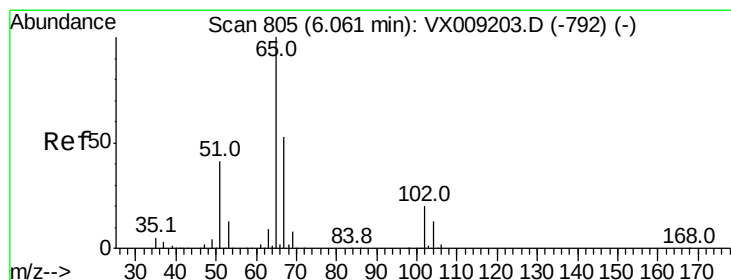
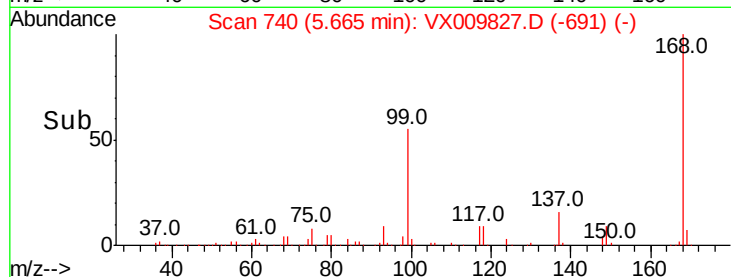
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.817 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009827.D

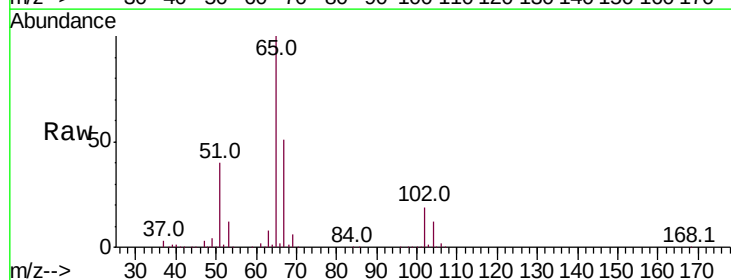
Acq: 23 May 2019 01:17

Tgt Ion: 65 Resp: 122968

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

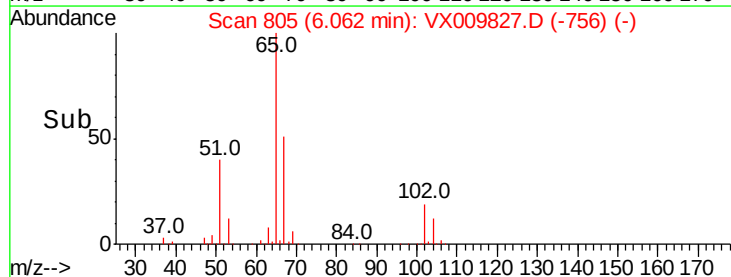
30000

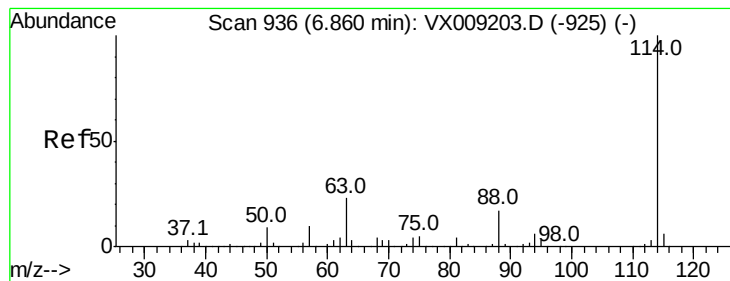
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009827.D

Acq: 23 May 2019 01:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-6R(17-20)

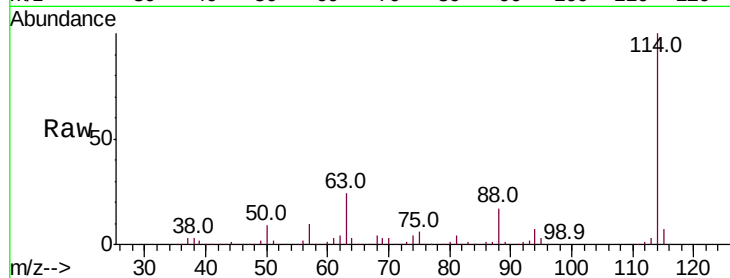
Tot Ion:114 Resp: 286525

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.6

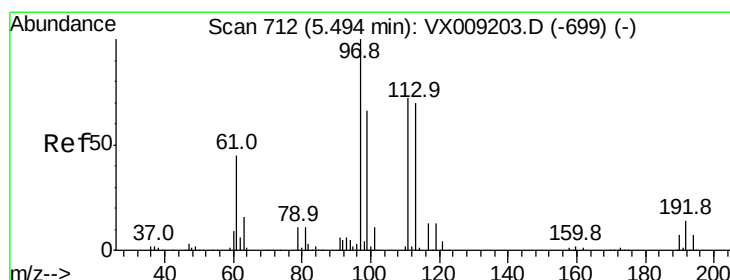
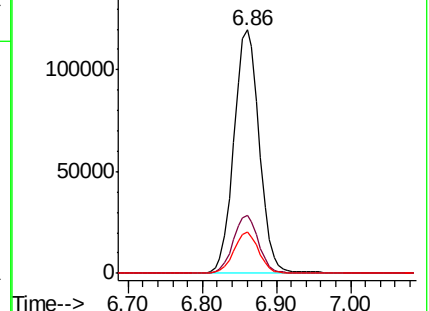
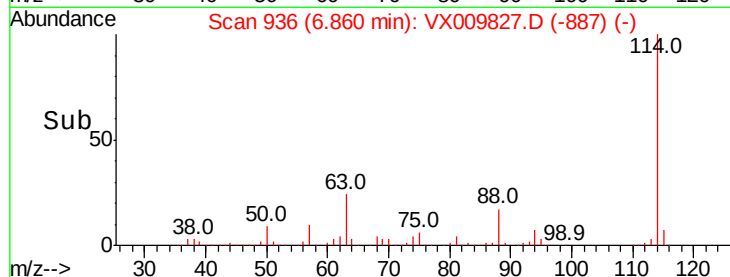
88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.250 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009827.D

Acq: 23 May 2019 01:17

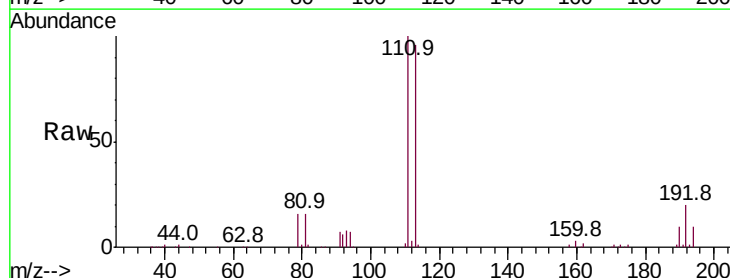
Tgt Ion:113 Resp: 86909

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

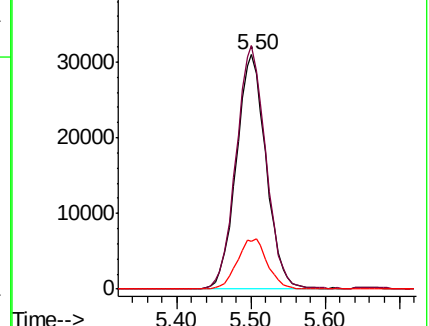
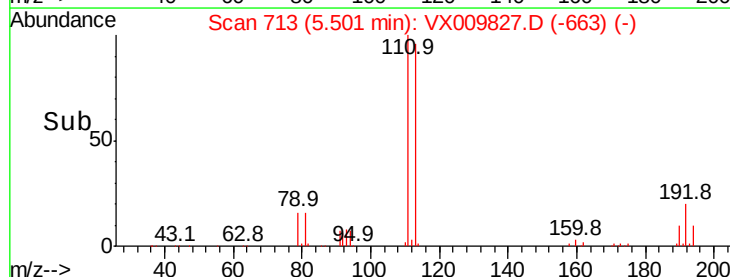
192 21.7 17.0 25.6

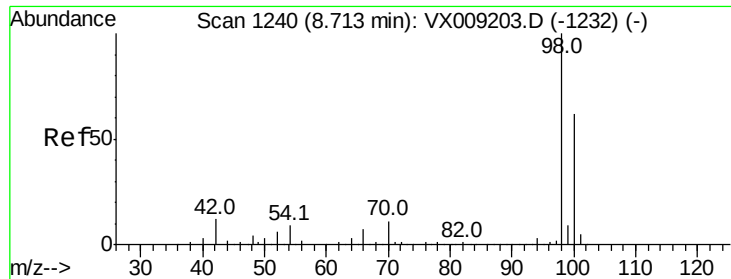


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

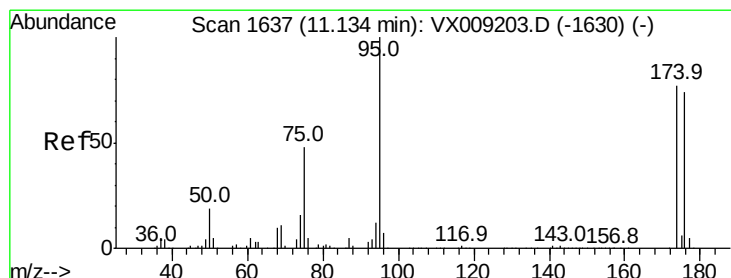
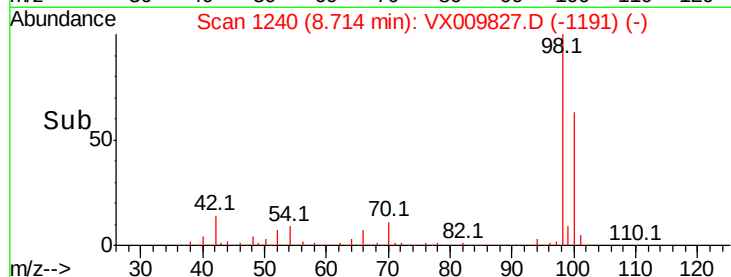
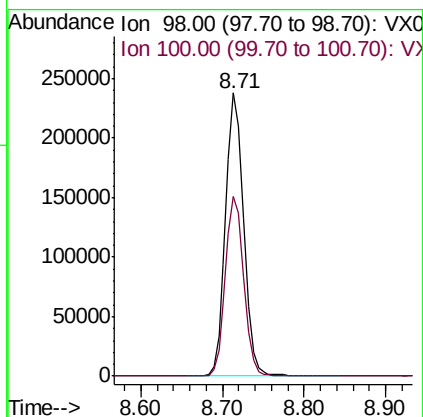
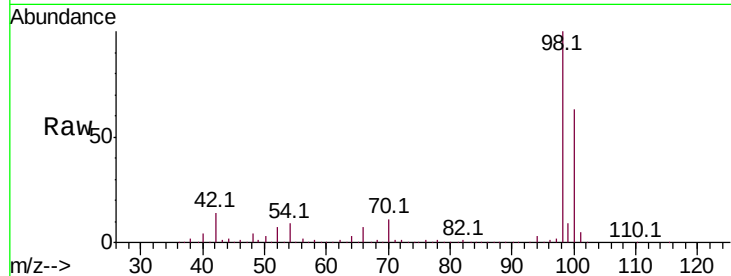




#50
Toluene-d8
Concen: 50.303 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

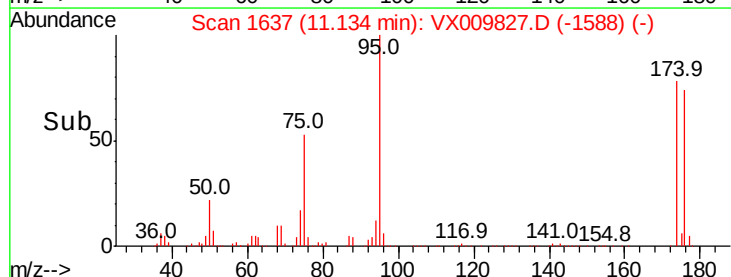
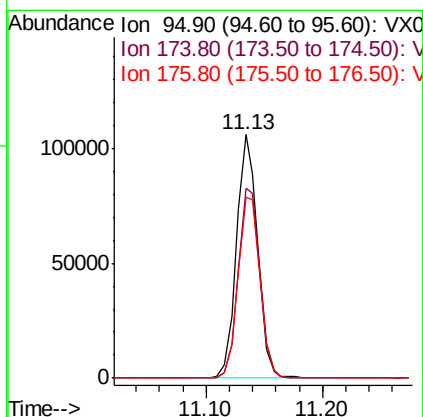
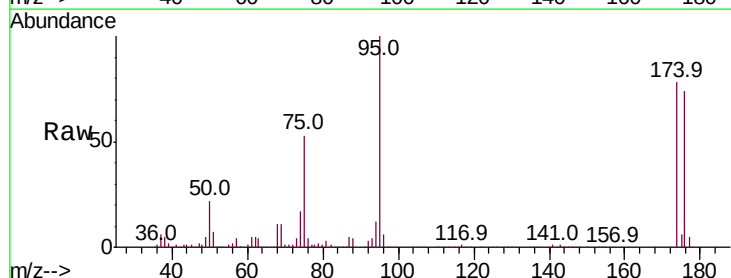
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(17-20)

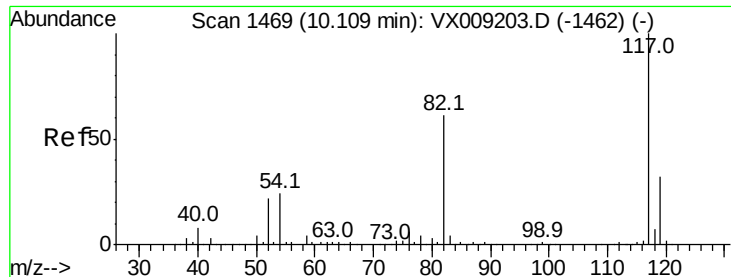
Tot Ion: 98 Resp: 365800
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

Tgt Ion: 95 Resp: 134051
Ion Ratio Lower Upper
95 100
174 80.4 0.0 161.6
176 77.3 0.0 159.2

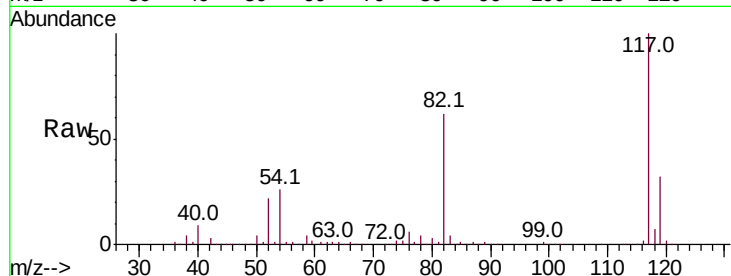




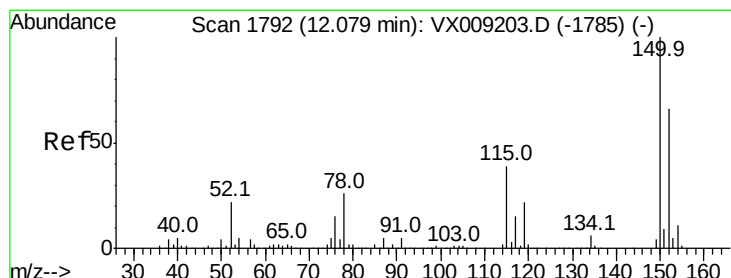
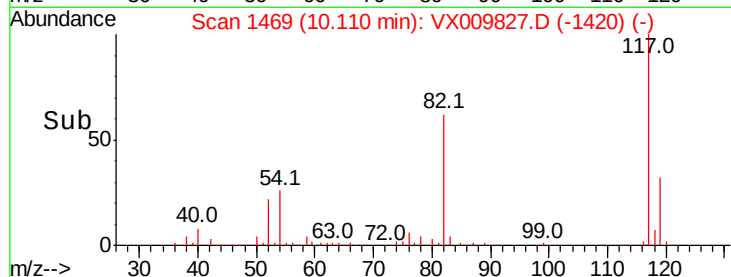
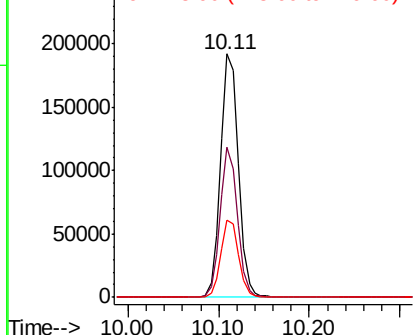
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion:117 Resp: 264454
Ion Ratio Lower Upper
117 100
82 61.6 48.8 73.2
119 31.6 25.8 38.6

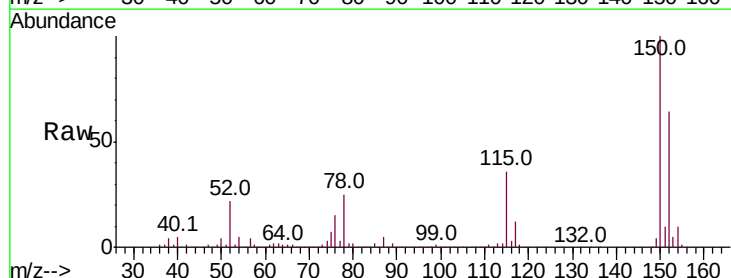


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

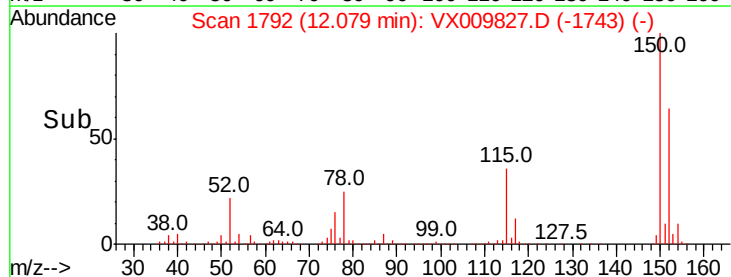
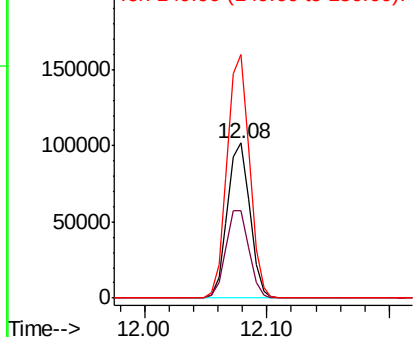


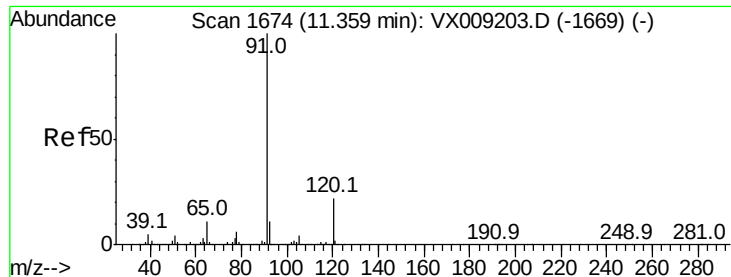
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

Tgt Ion:152 Resp: 129130
Ion Ratio Lower Upper
152 100
115 58.4 41.2 123.6
150 156.6 0.0 346.4



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





#78

n-propylbenzene

Concen: 0.455 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009827.D

Acq: 23 May 2019 01:17

Instrument :

MSVOA_X

ClientSampleId :

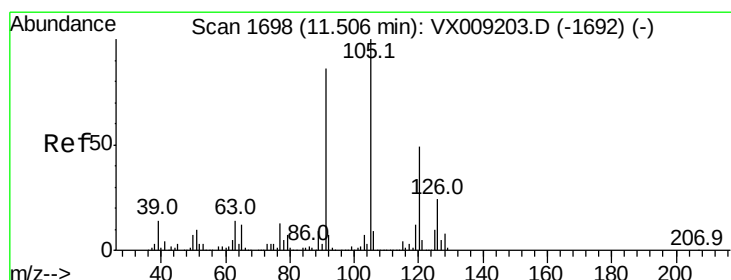
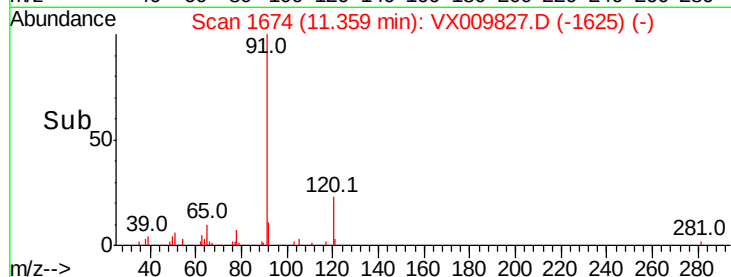
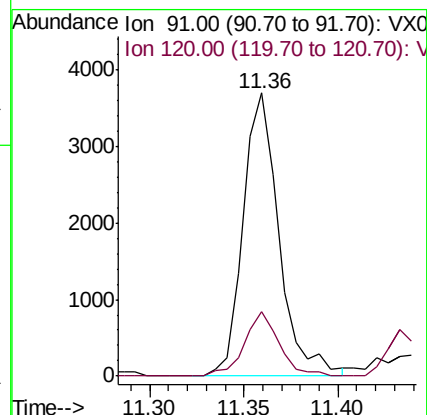
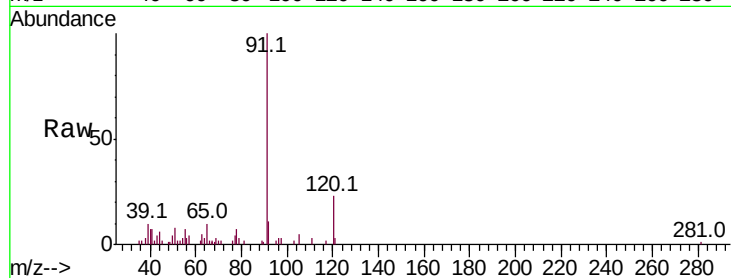
EP1-SB-E-6R(17-20)

Tot Ion: 91 Resp: 4880

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 0.504 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009827.D

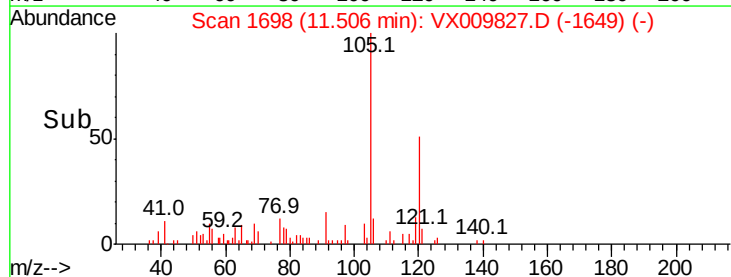
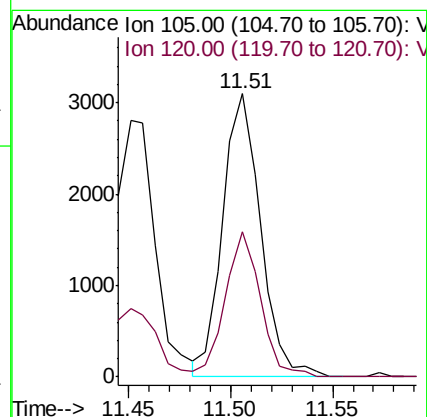
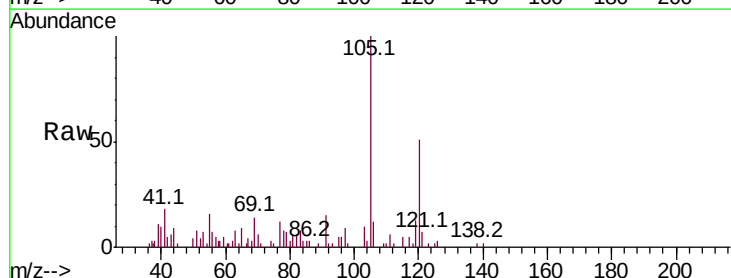
Acq: 23 May 2019 01:17

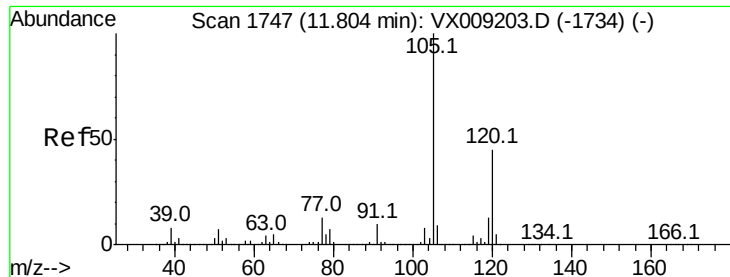
Tgt Ion: 105 Resp: 3982

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.9

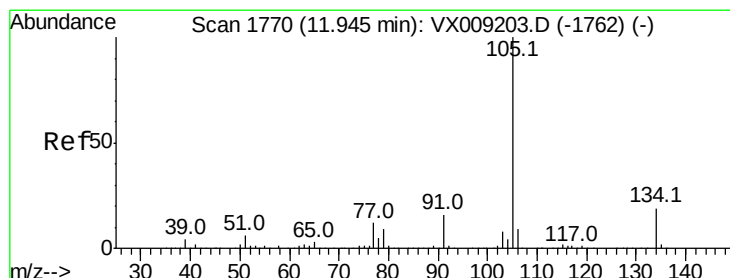
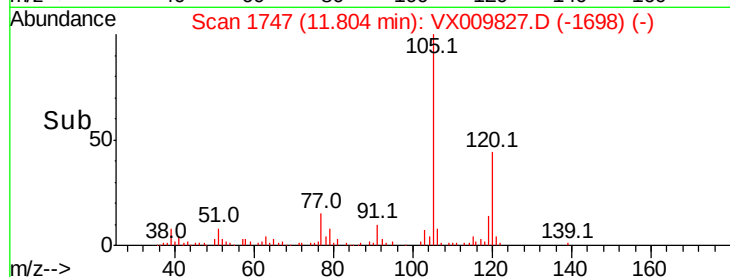
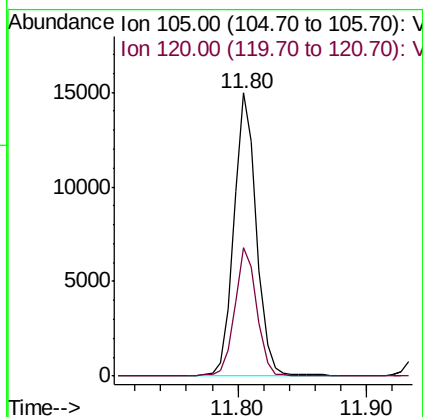
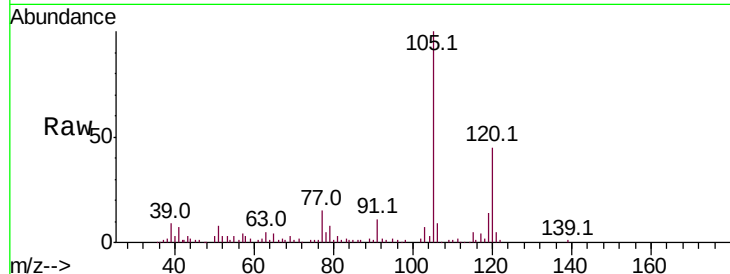




#84
 1,2,4-Trimethylbenzene
 Concen: 2.292 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009827.D
 Acq: 23 May 2019 01:17

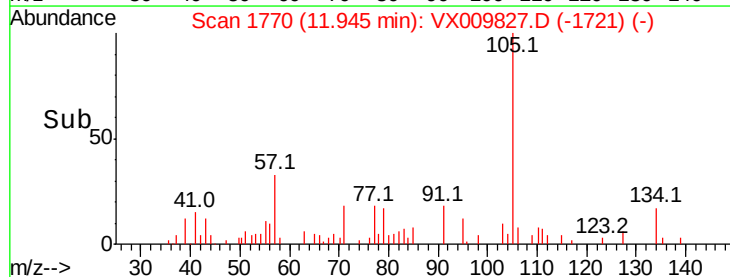
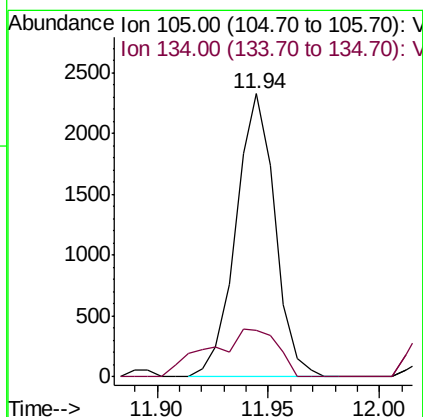
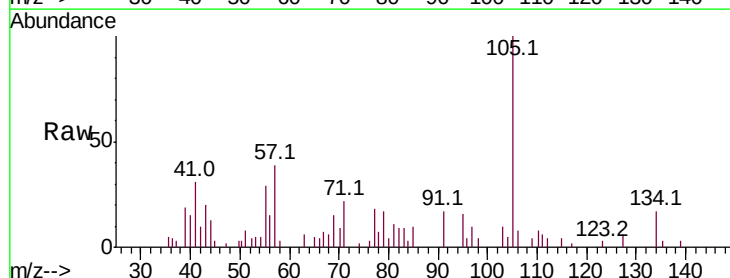
Instrument :
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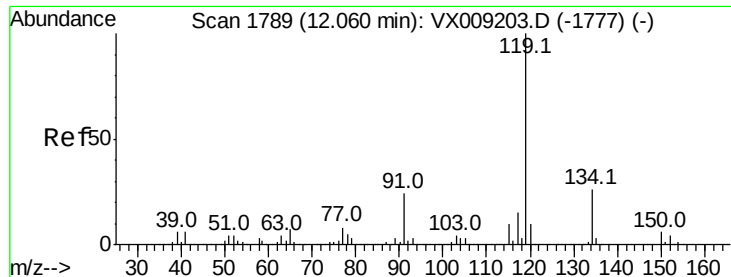
Tot Ion:105 Resp: 18193
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.312 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009827.D
 Acq: 23 May 2019 01:17

Tgt Ion:105 Resp: 2845
 Ion Ratio Lower Upper
 105 100
 134 29.5 9.7 28.9#

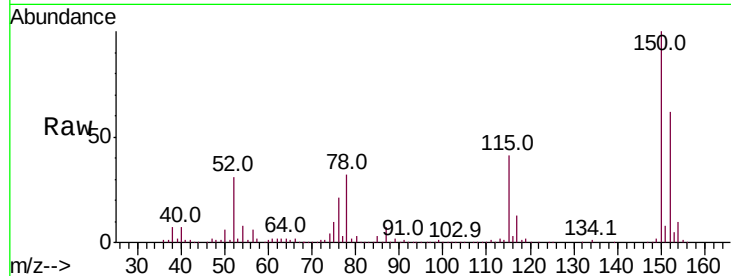




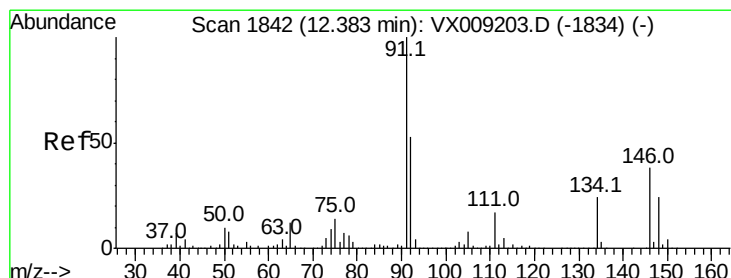
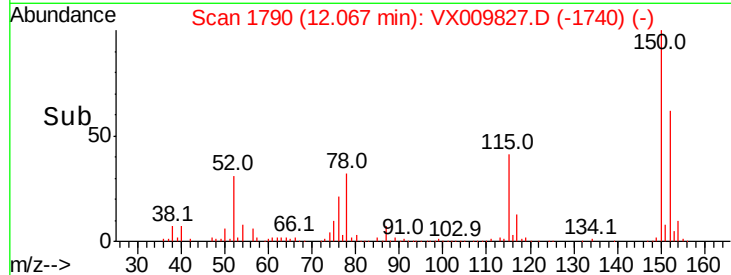
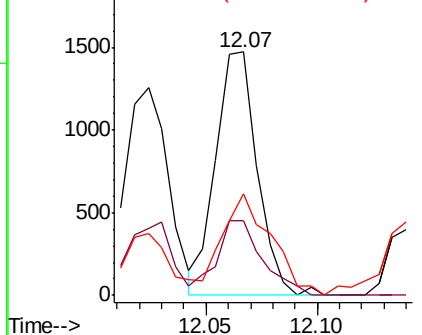
#86
p-Isopropyltoluene
Concen: 0.234 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion	Ratio	Lower	Upper
119	100		
134	33.7	12.9	38.7
91	47.9	11.8	35.4

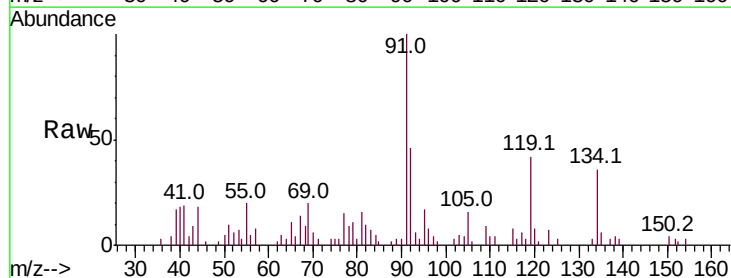


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 0.547 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009827.D
Acq: 23 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.5	26.5	79.5
134	64.0	12.4	37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

