

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037462.D
 Acq On : 01 Sep 2023 14:08
 Operator : JC/MD
 Sample : 04189-03 10X
 Misc : 4.91g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-07(14-15)

Quant Time: Sep 01 14:55:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

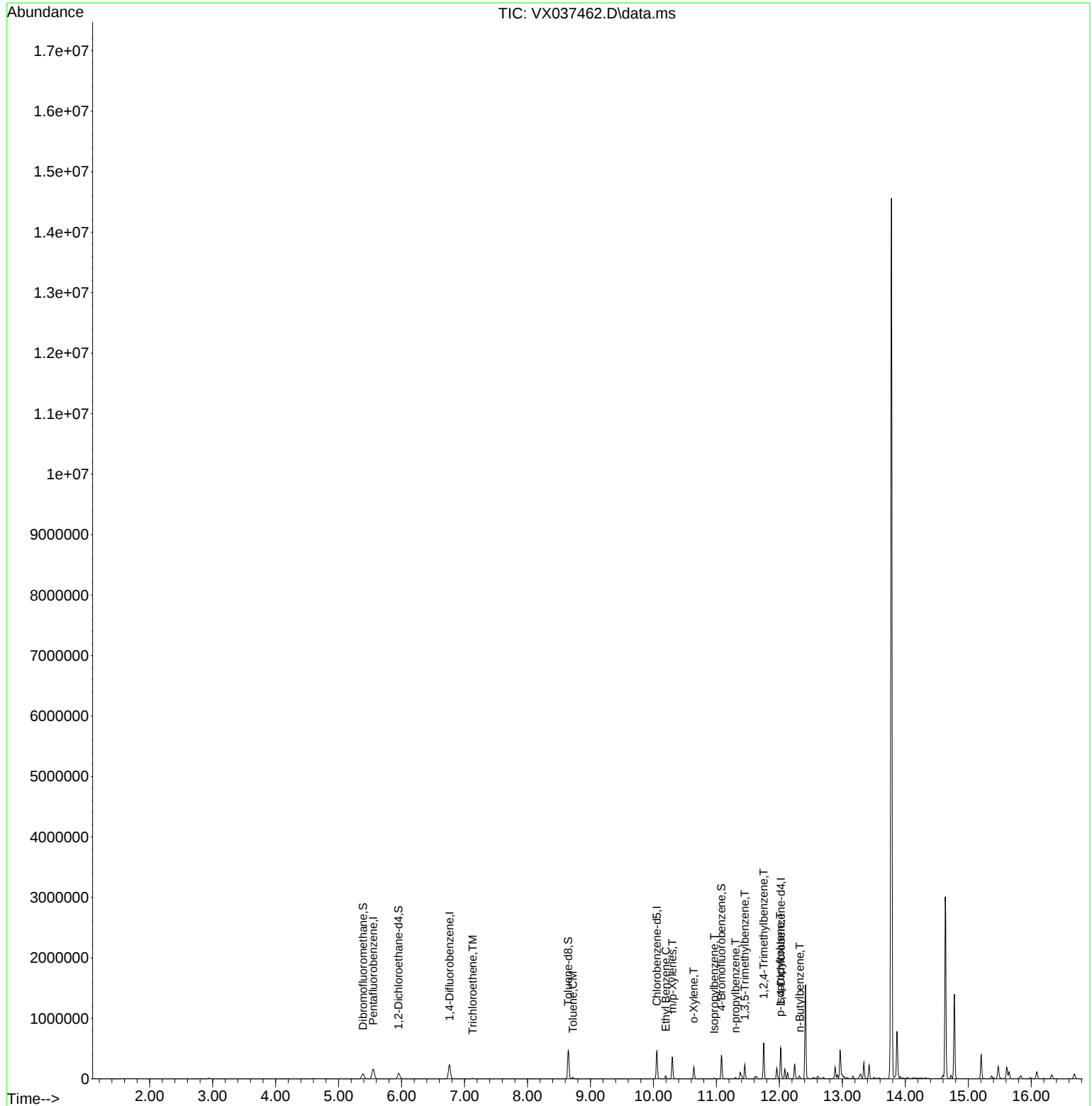
Internal Standards						
1) Pentafluorobenzene	5.550	168	153175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90584	41.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.040%
35) Dibromofluoromethane	5.385	113	74873	44.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.240%
50) Toluene-d8	8.647	98	295766	48.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	110432	46.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	3784	1.952	ug/l	97
52) Toluene	8.720	92	9859	2.183	ug/l	98
67) Ethyl Benzene	10.195	91	30281	3.619	ug/l	100
68) m/p-Xylenes	10.299	106	83513	25.846	ug/l	99
69) o-Xylene	10.640	106	43802	13.740	ug/l	99
73) Isopropylbenzene	10.964	105	8088	1.033	ug/l	96
78) n-propylbenzene	11.305	91	15383	1.764	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104510	16.000	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	257007	38.933	ug/l	96
86) p-Isopropyltoluene	12.012	119	3151	0.503	ug/l #	64
89) n-Butylbenzene	12.323	91	6551	1.261	ug/l #	19

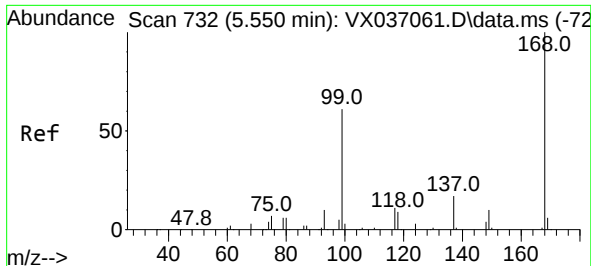
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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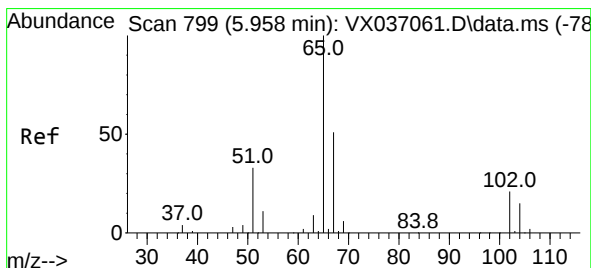
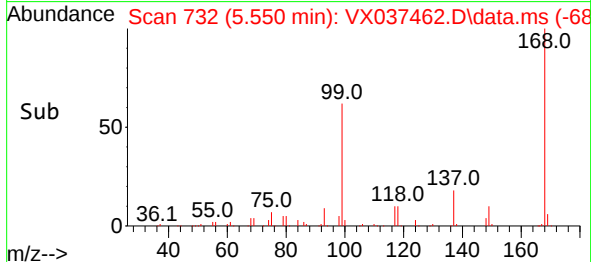
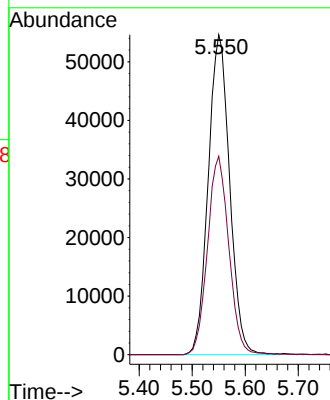
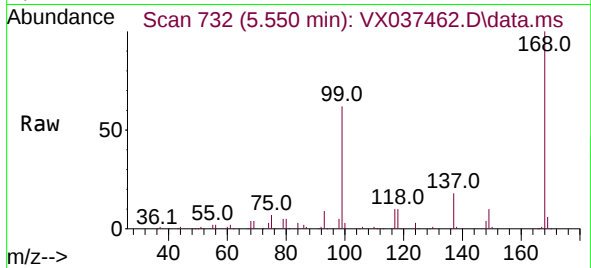




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

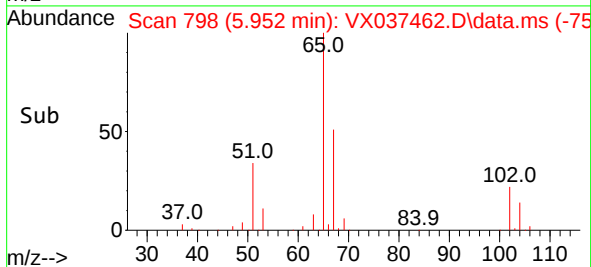
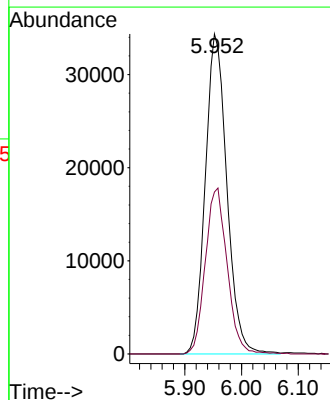
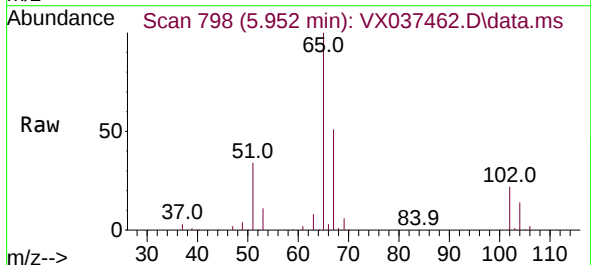
Instrument :
MSVOA_X
ClientSampleId :
SB-07(14-15)

Tgt Ion:168 Resp: 153175
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.020 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

Tgt Ion: 65 Resp: 90584
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

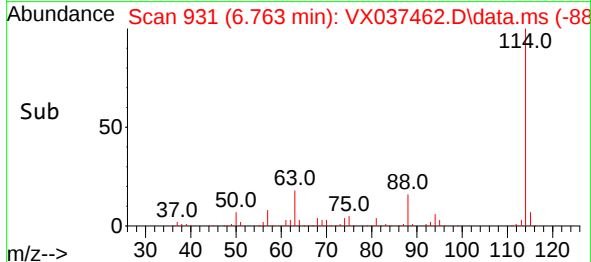
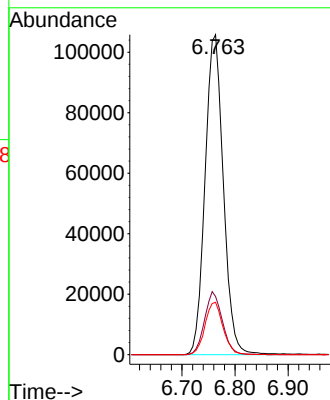
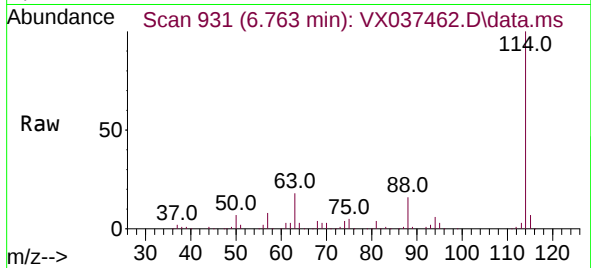




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

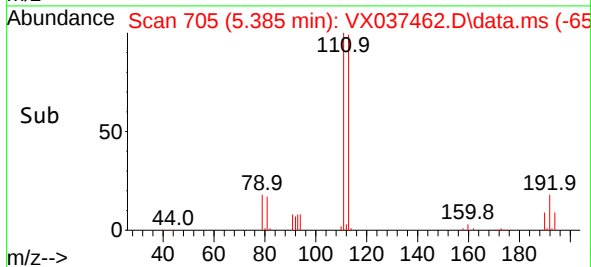
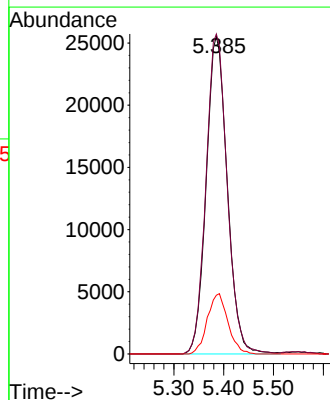
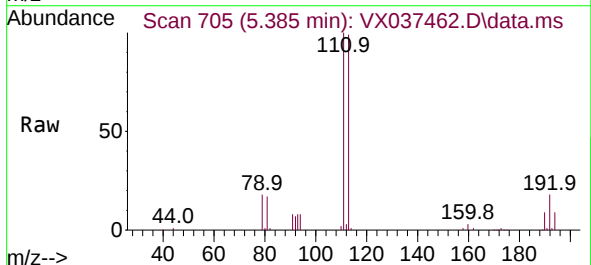
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MSVOA_X
ClientSampleId :
SB-07(14-15)

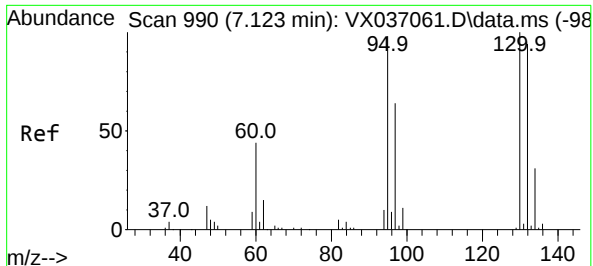
Tgt Ion:114 Resp: 253355
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.623 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

Tgt Ion:113 Resp: 74873
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.6 13.3 19.9

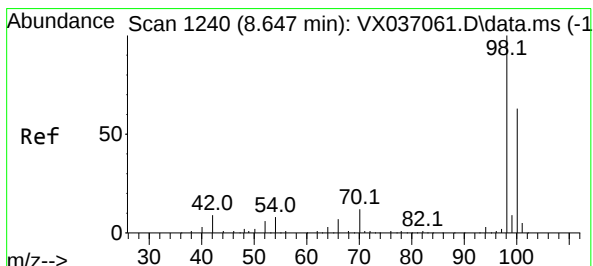
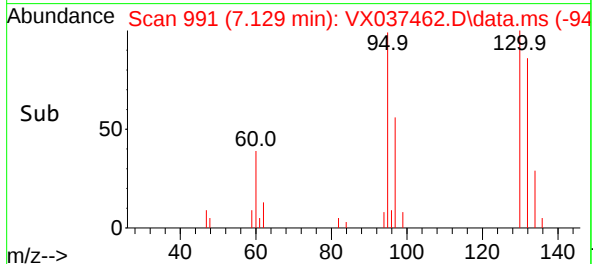
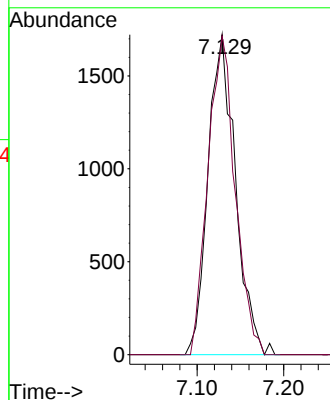
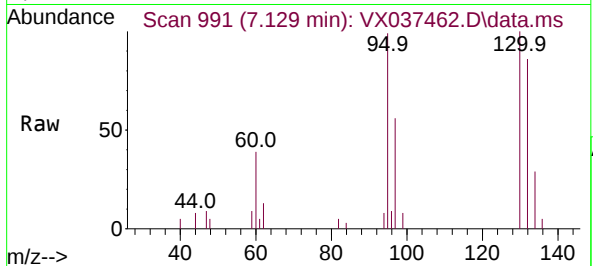




#44
 Trichloroethene
 Concen: 1.952 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037462.D
 Acq: 01 Sep 2023 14:08

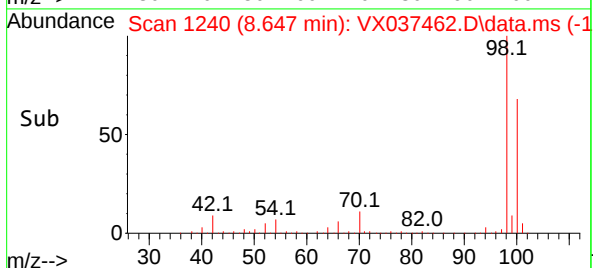
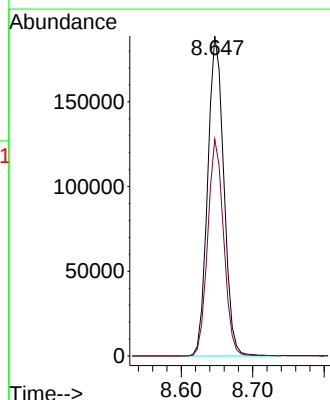
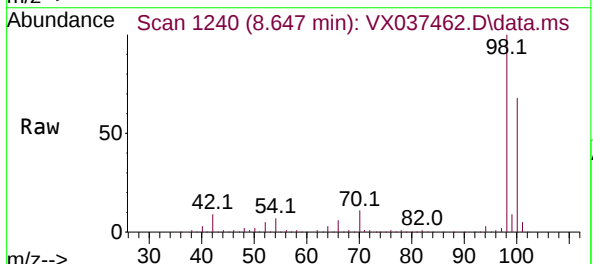
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-07(14-15)

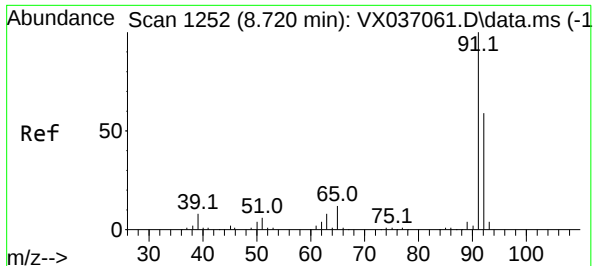
Tgt Ion:130 Resp: 3784
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 204.4



#50
 Toluene-d8
 Concen: 48.594 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037462.D
 Acq: 01 Sep 2023 14:08

Tgt Ion: 98 Resp: 295766
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7

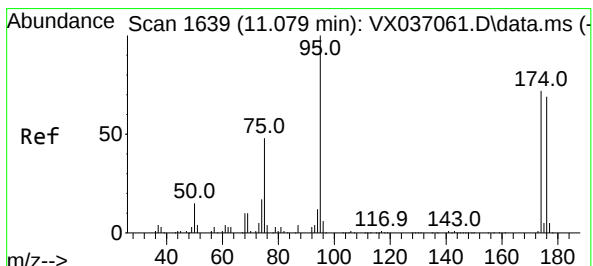
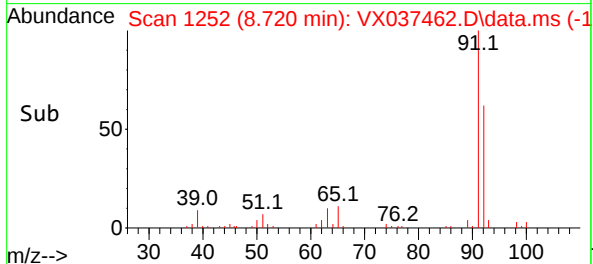
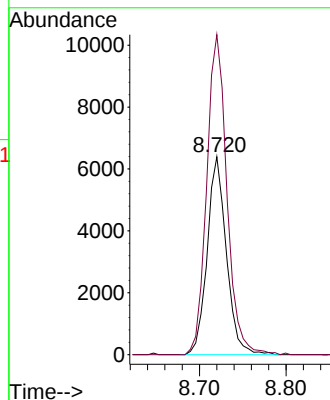
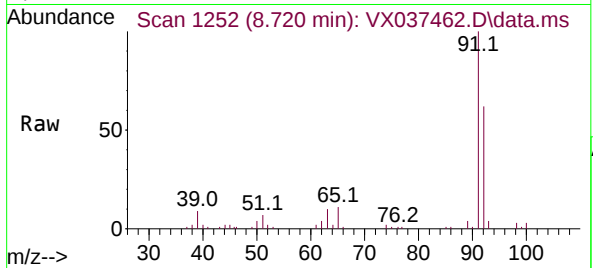




#52
Toluene
Concen: 2.183 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

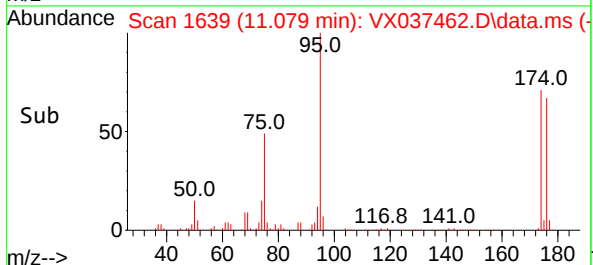
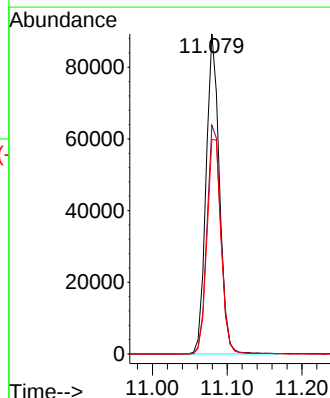
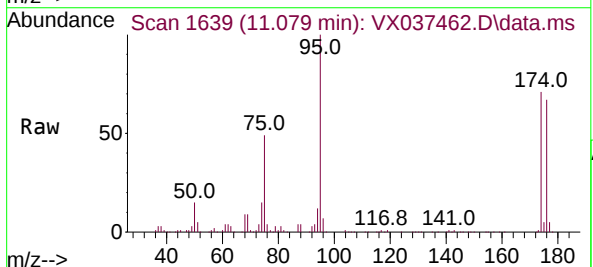
Instrument :
MSVOA_X
ClientSampleId :
SB-07(14-15)

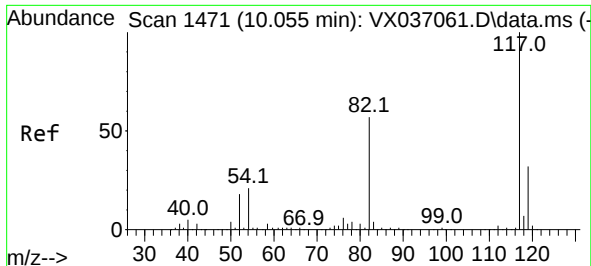
Tgt Ion: 92 Resp: 9859
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

Tgt Ion: 95 Resp: 110432
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.1 0.0 131.0

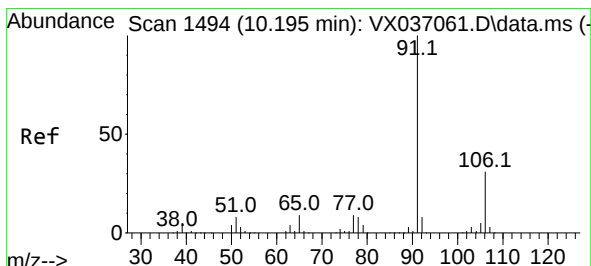
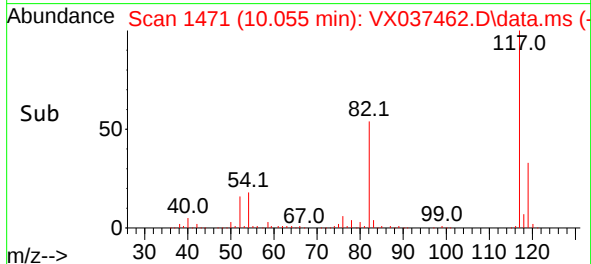
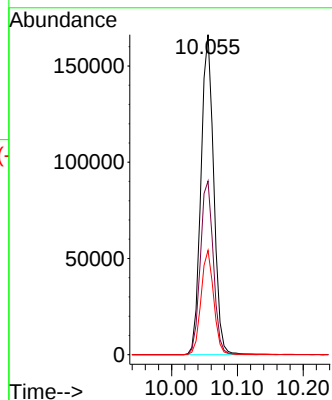
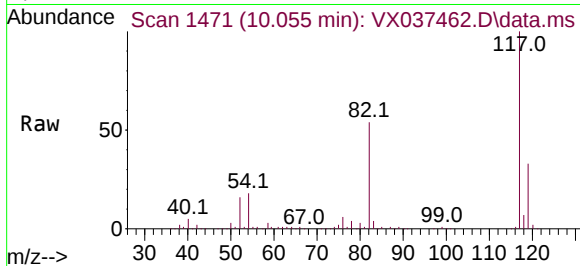




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

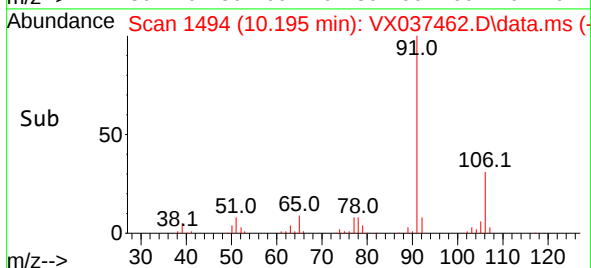
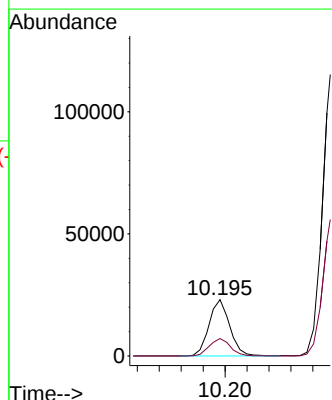
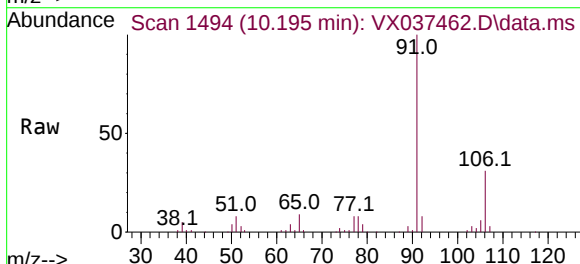
Instrument :
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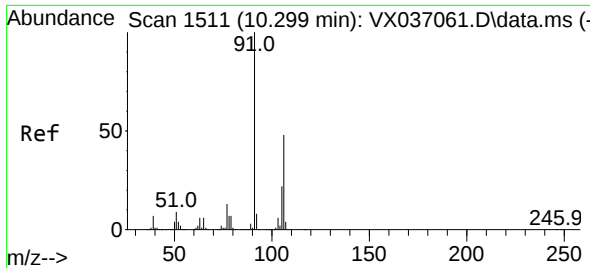
Tgt Ion:117 Resp: 224978
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 3.619 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

Tgt Ion: 91 Resp: 30281
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

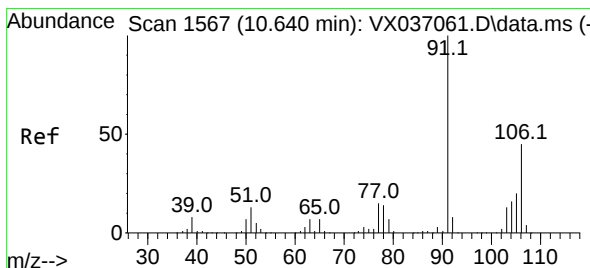
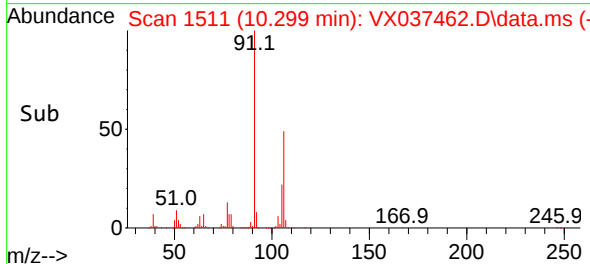
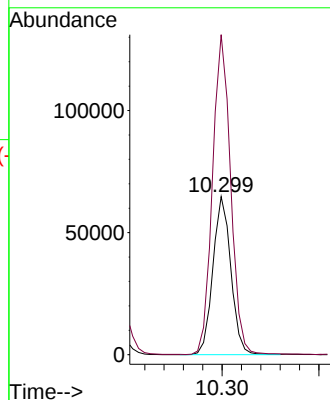
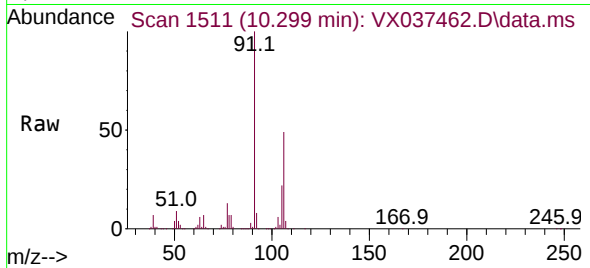




#68
m/p-Xylenes
Concen: 25.846 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

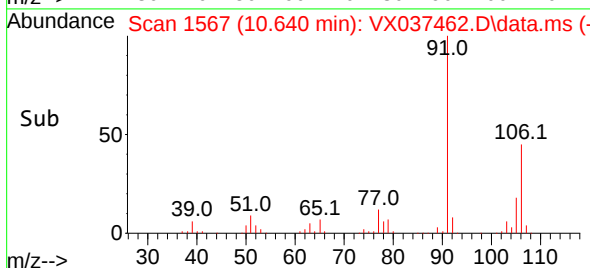
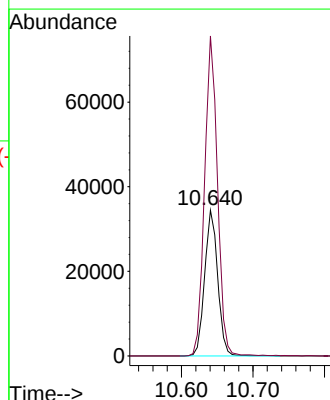
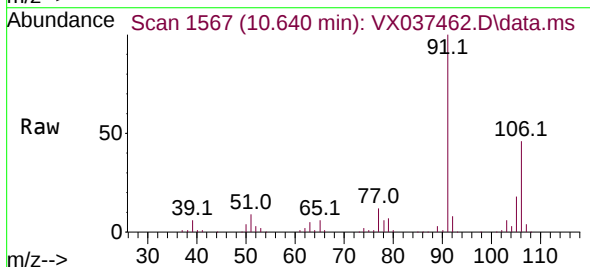
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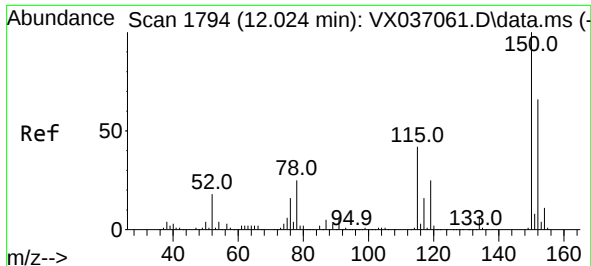
Tgt Ion:106 Resp: 83513
Ion Ratio Lower Upper
106 100
91 204.8 165.5 248.3



#69
o-Xylene
Concen: 13.740 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037462.D
Acq: 01 Sep 2023 14:08

Tgt Ion:106 Resp: 43802
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037462.D

Acq: 01 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

SB-07(14-15)

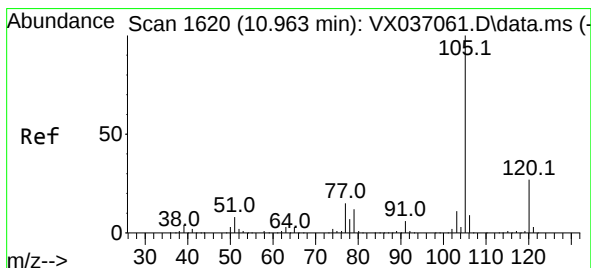
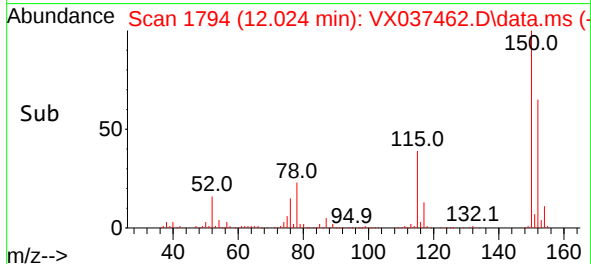
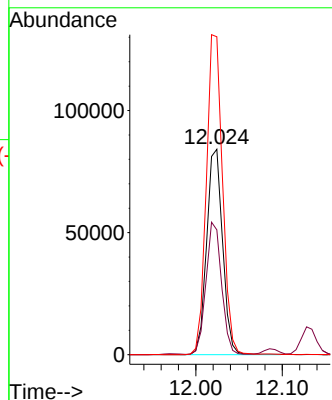
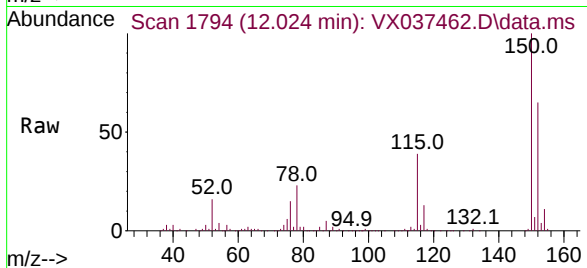
Tgt Ion:152 Resp: 107728

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 157.4 0.0 345.0



#73

Isopropylbenzene

Concen: 1.033 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037462.D

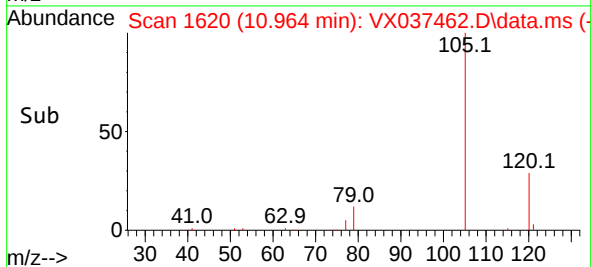
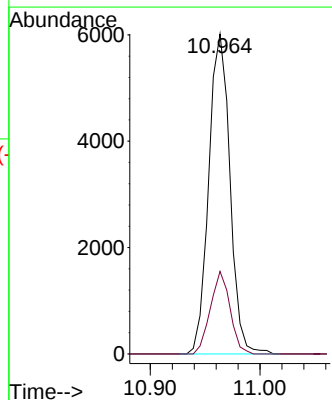
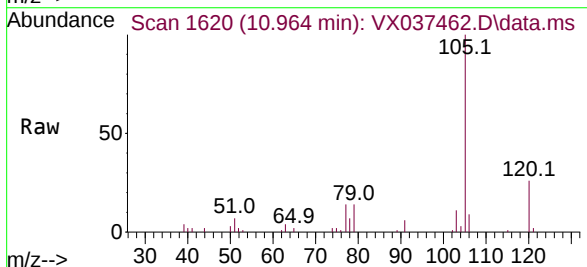
Acq: 01 Sep 2023 14:08

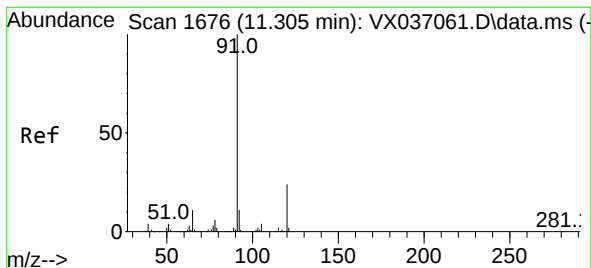
Tgt Ion:105 Resp: 8088

Ion Ratio Lower Upper

105 100

120 23.9 12.9 38.6





#78

n-propylbenzene

Concen: 1.764 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037462.D

Acq: 01 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

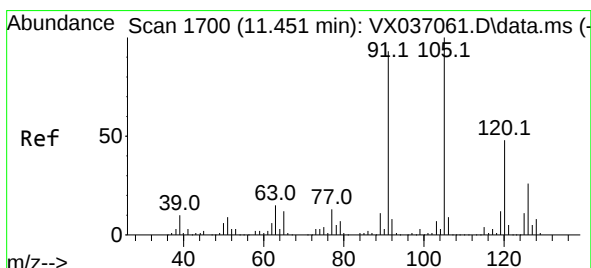
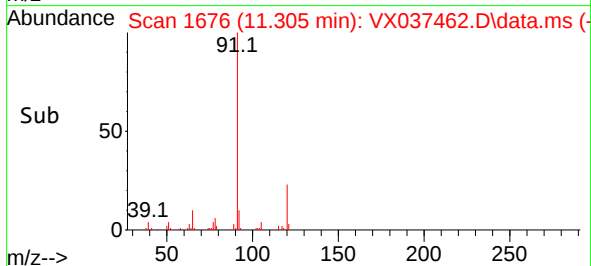
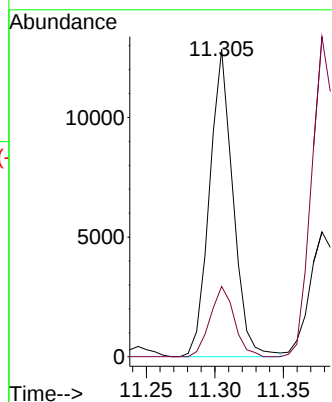
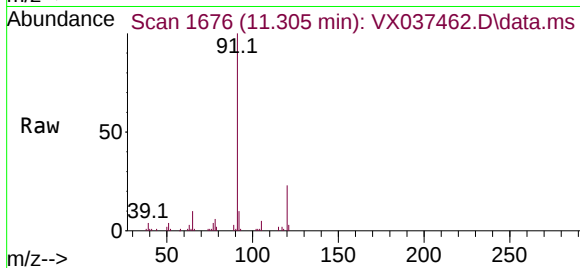
SB-07(14-15)

Tgt Ion: 91 Resp: 15383

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 16.000 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037462.D

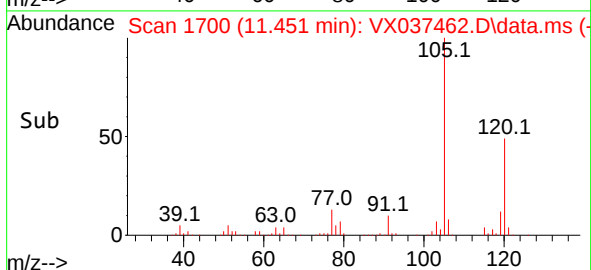
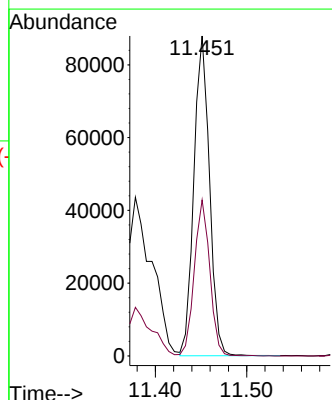
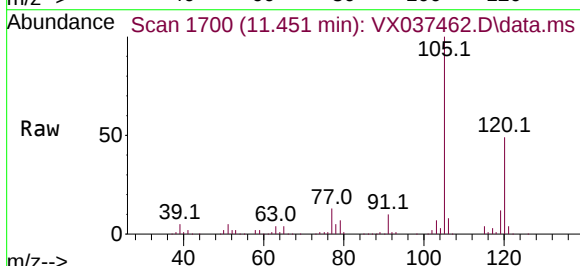
Acq: 01 Sep 2023 14:08

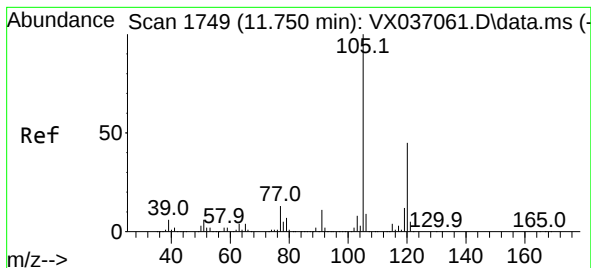
Tgt Ion: 105 Resp: 104510

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 38.933 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037462.D

Acq: 01 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

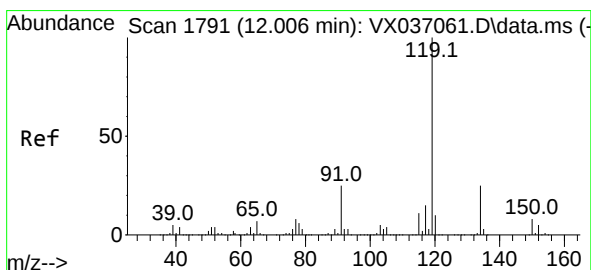
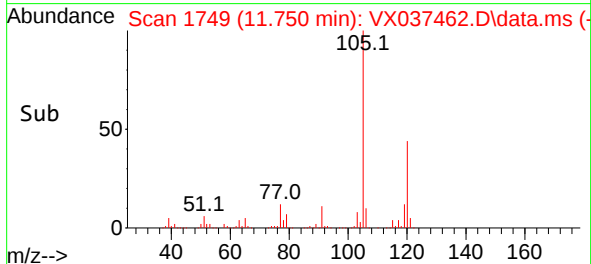
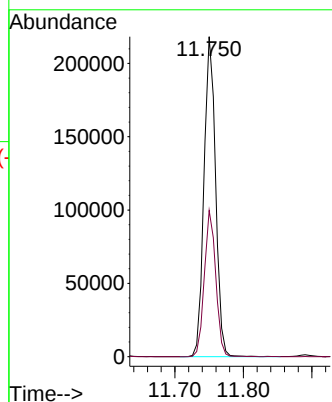
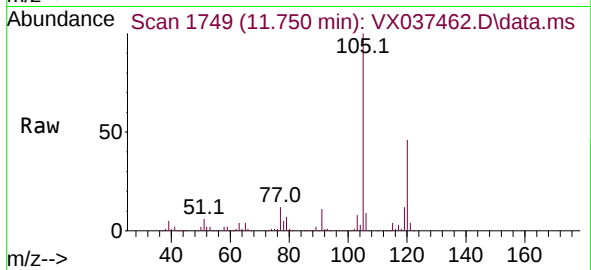
SB-07(14-15)

Tgt Ion:105 Resp: 257007

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6



#86

p-Isopropyltoluene

Concen: 0.503 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037462.D

Acq: 01 Sep 2023 14:08

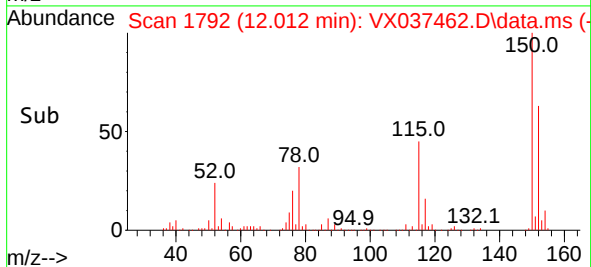
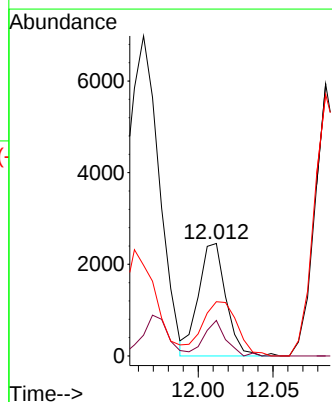
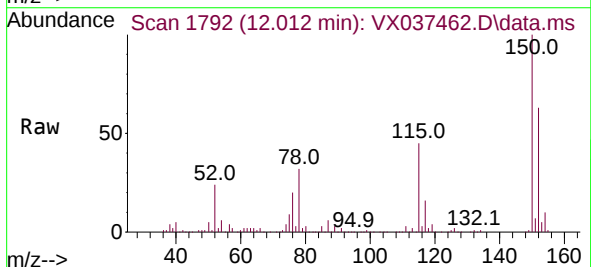
Tgt Ion:119 Resp: 3151

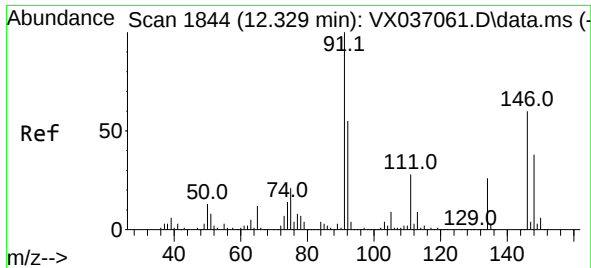
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.3

91 62.2 13.1 39.3#





#89

n-Butylbenzene

Concen: 1.261 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037462.D

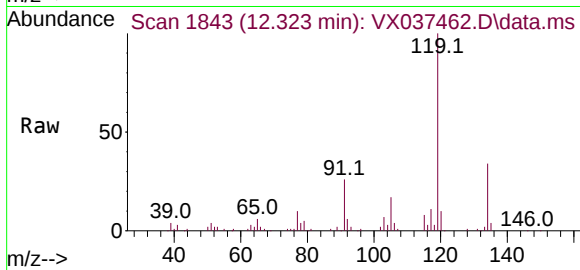
Acq: 01 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

SB-07(14-15)



Tgt Ion: 91 Resp: 6551

Ion Ratio Lower Upper

91 100

92 31.8 27.4 82.0

134 120.0 12.6 37.8#

