

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037082.D
 Acq On : 18 Aug 2023 14:19
 Operator : JC/MD
 Sample : 03958-02DL 100X
 Misc : 7.65g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z93-94DL

Quant Time: Aug 19 05:17:49 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)

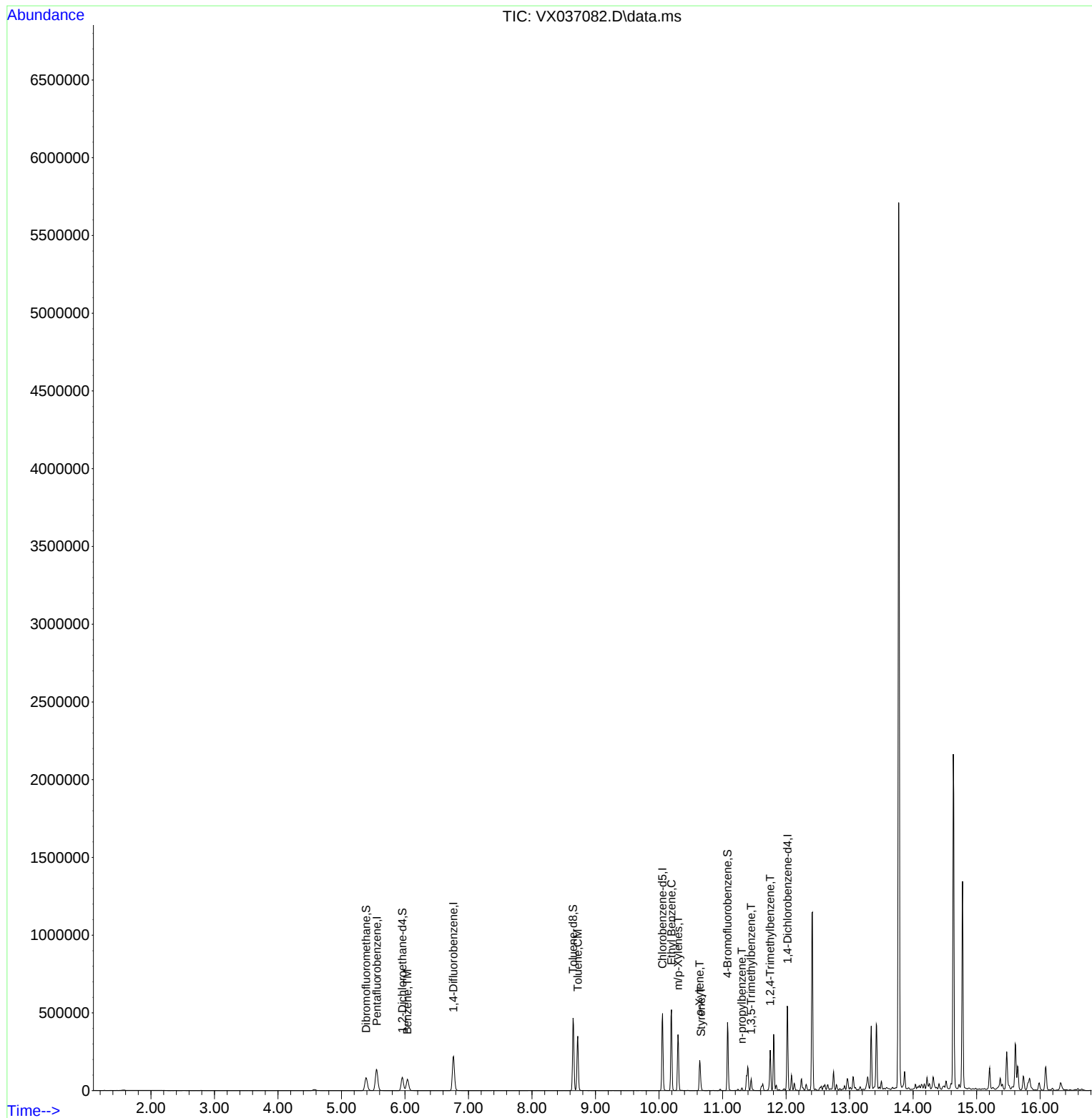
Internal Standards						
1) Pentafluorobenzene	5.556	168	124200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86046	48.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.385	113	73272	47.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	273410	49.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	115631	52.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.000%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	91128	14.612	ug/l	98
52) Toluene	8.720	92	134825	32.719	ug/l	99
67) Ethyl Benzene	10.195	91	303248	36.035	ug/l	99
68) m/p-Xylenes	10.299	106	86031	26.473	ug/l	96
69) o-Xylene	10.640	106	40190	12.535	ug/l	100
70) Styrene	10.659	104	17526	3.318	ug/l #	73
78) n-propylbenzene	11.305	91	11571	1.279	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32378	4.778	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	112521	16.429	ug/l	98

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

Quant Time: Aug 19 05:17:49 2023
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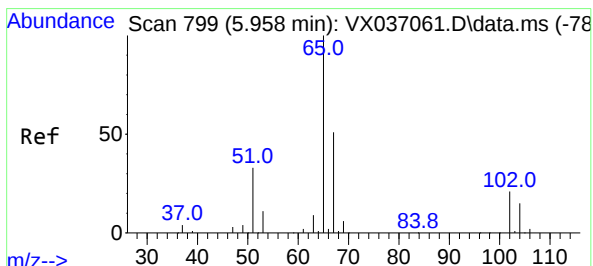
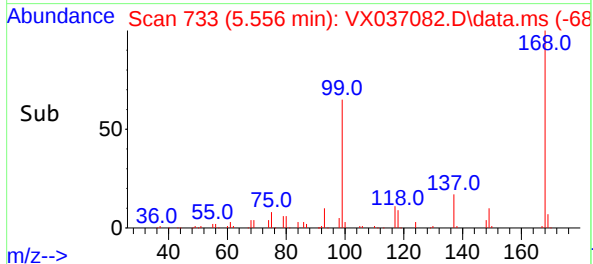
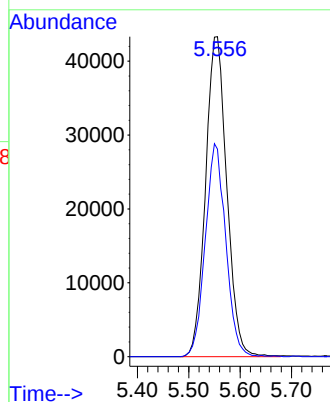
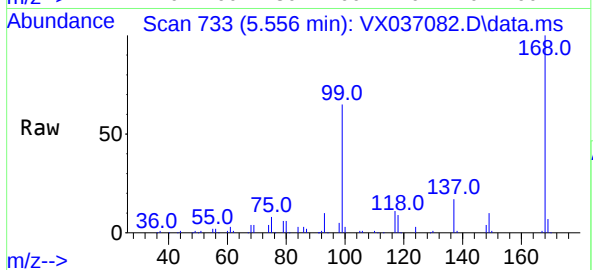




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

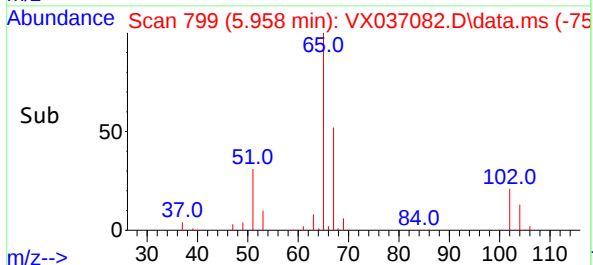
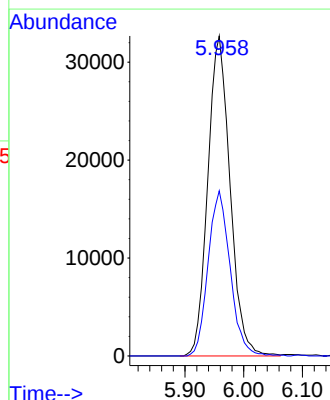
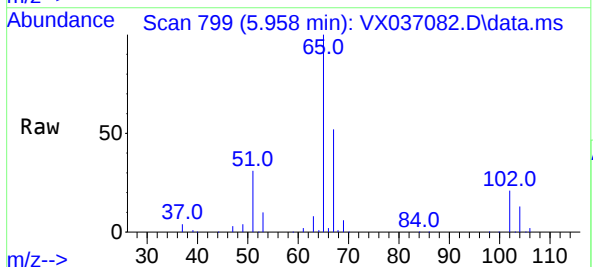
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

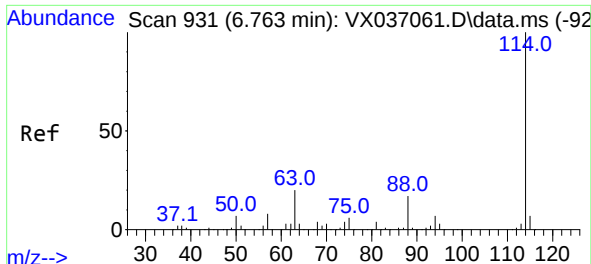
Tgt Ion:168 Resp: 124200
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.055 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion: 65 Resp: 86046
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

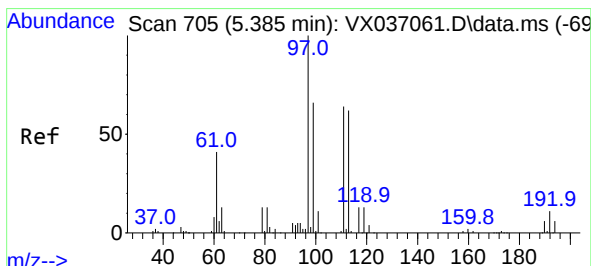
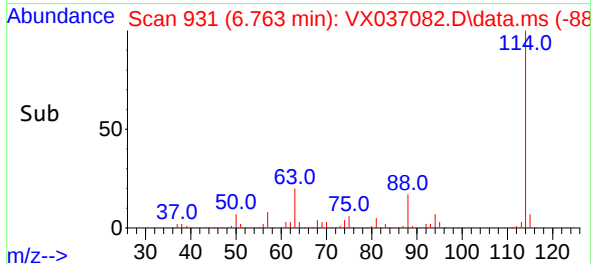
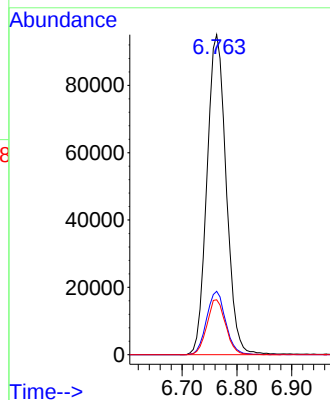
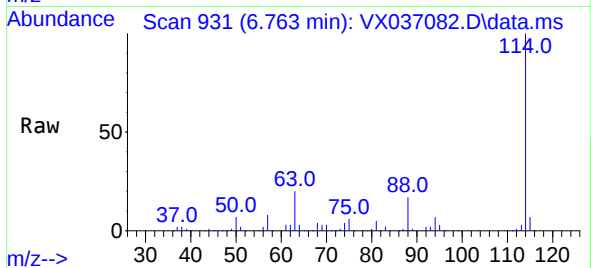




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

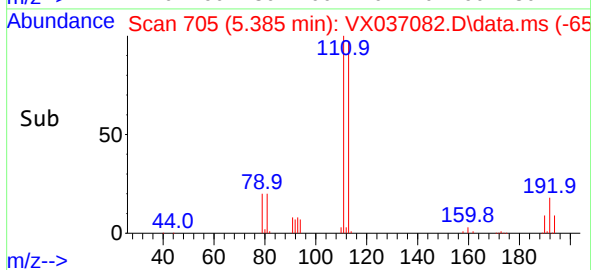
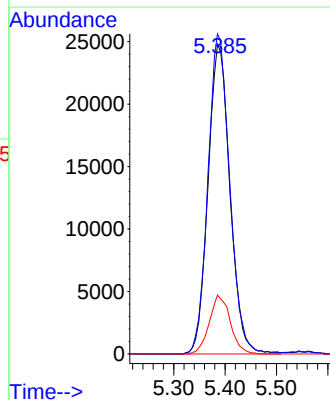
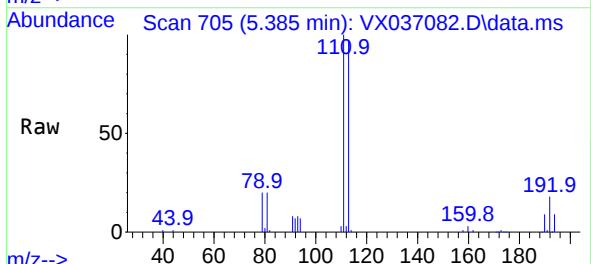
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

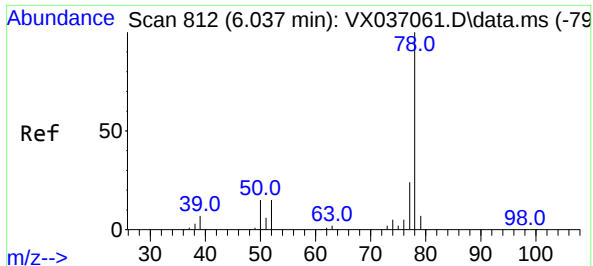
Tgt Ion:114 Resp: 231114
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.871 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion:113 Resp: 73272
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.2 13.3 19.9

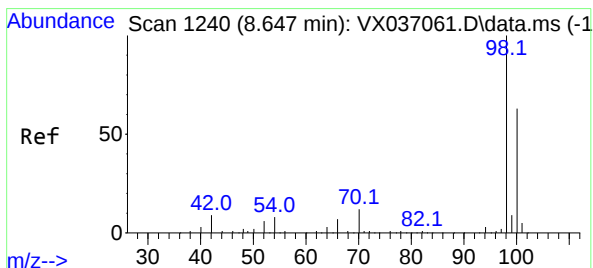
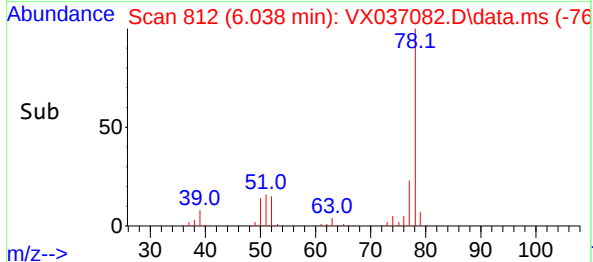
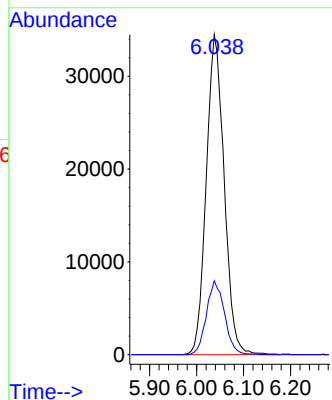
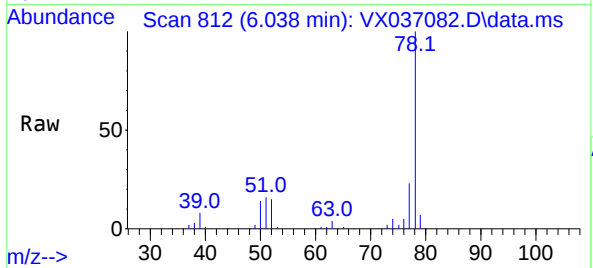




#40
Benzene
Concen: 14.612 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

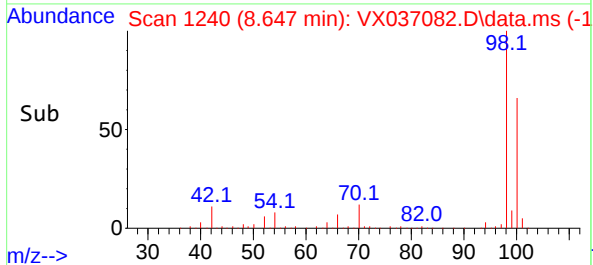
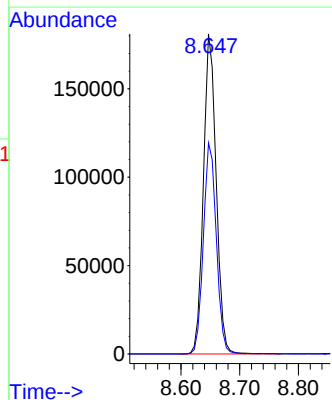
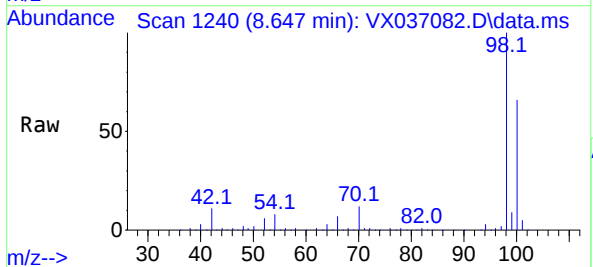
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

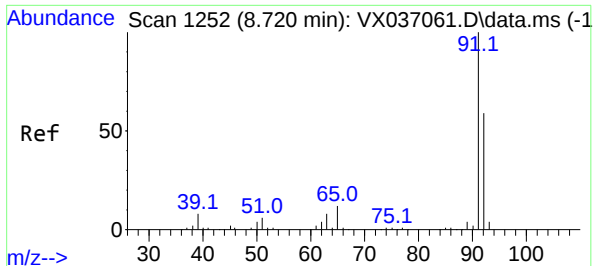
Tgt Ion: 78 Resp: 91128
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



#50
Toluene-d8
Concen: 49.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion: 98 Resp: 273410
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

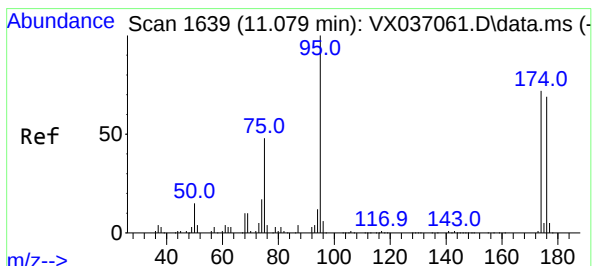
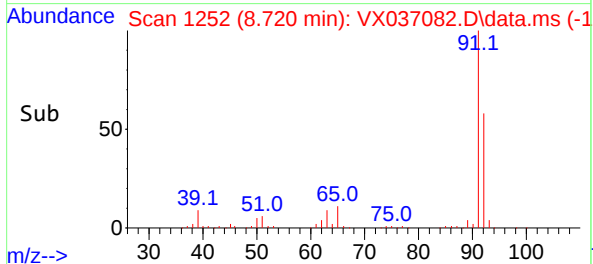
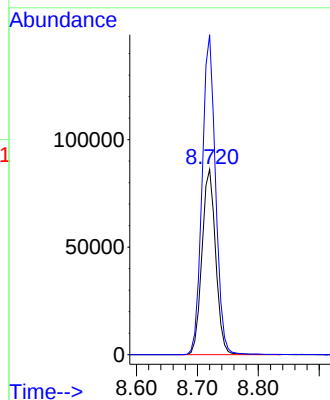
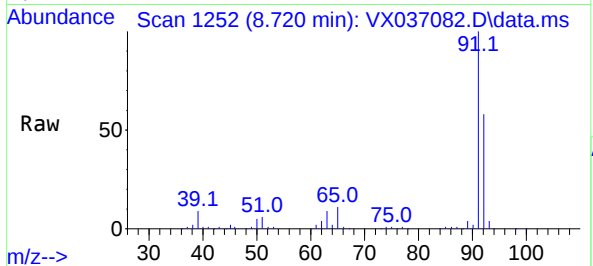




#52
Toluene
Concen: 32.719 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

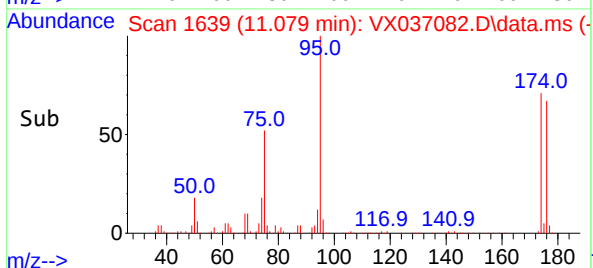
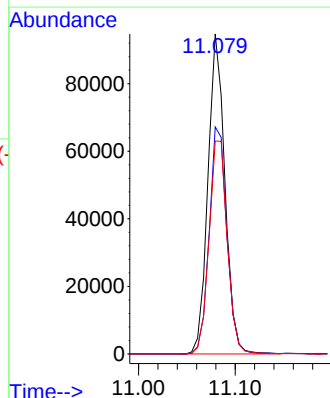
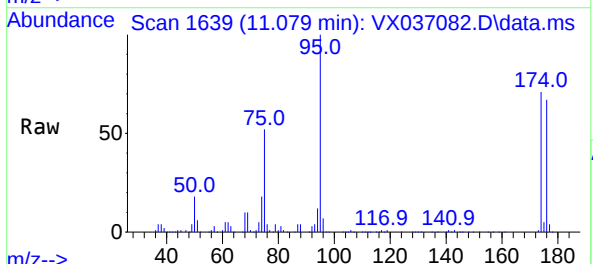
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

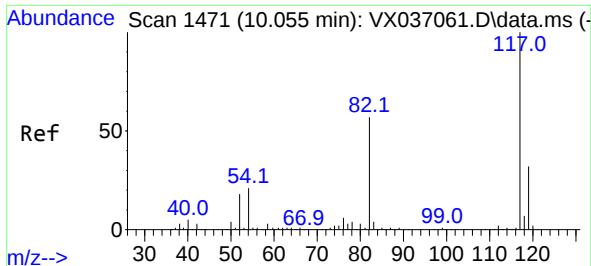
Tgt Ion: 92 Resp: 134825
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion: 95 Resp: 115631
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.8 0.0 131.0

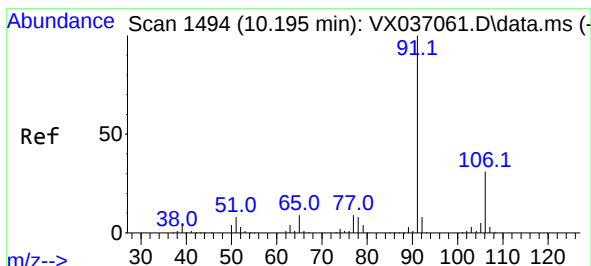
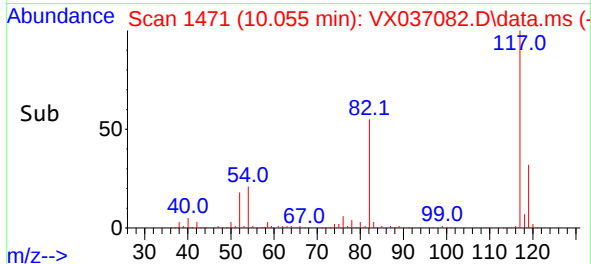
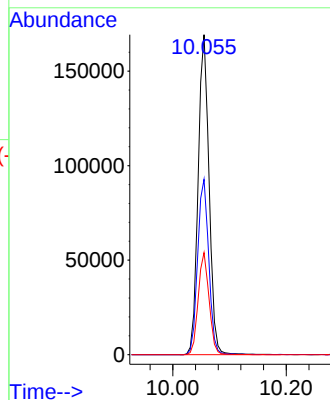
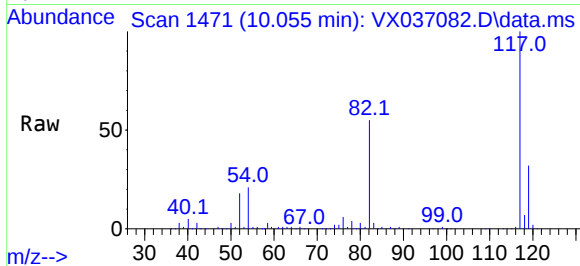




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

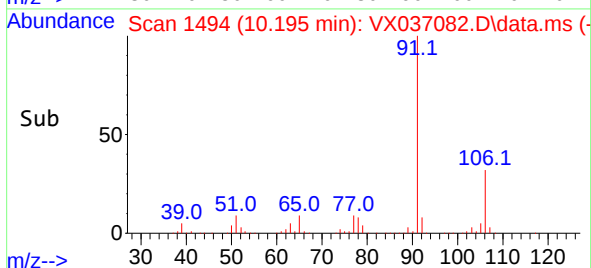
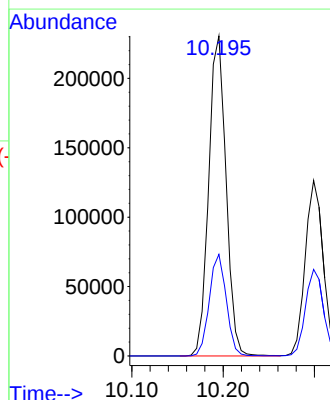
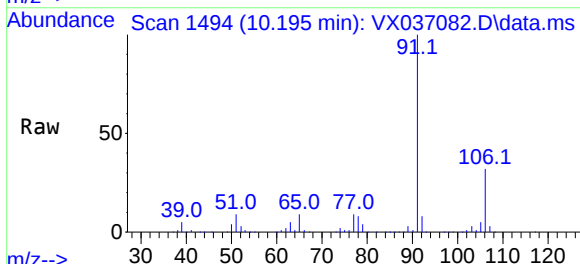
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

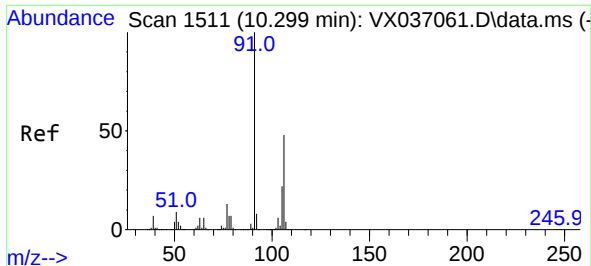
Tgt Ion:117 Resp: 226280
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 36.035 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion: 91 Resp: 303248
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

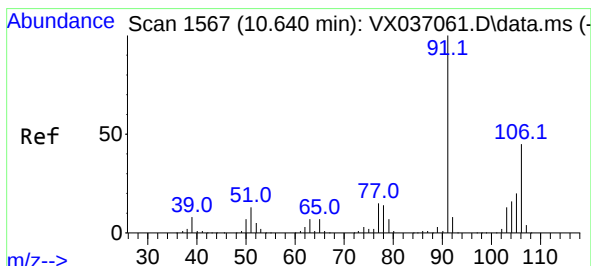
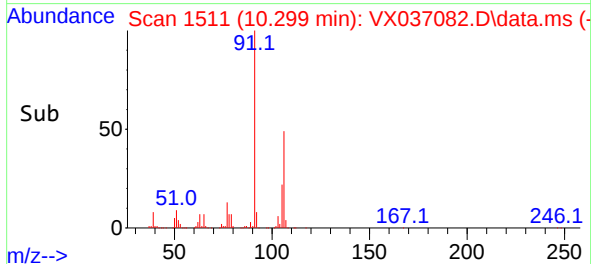
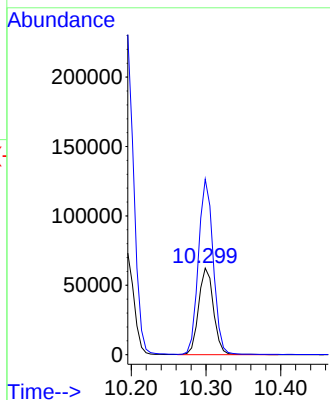
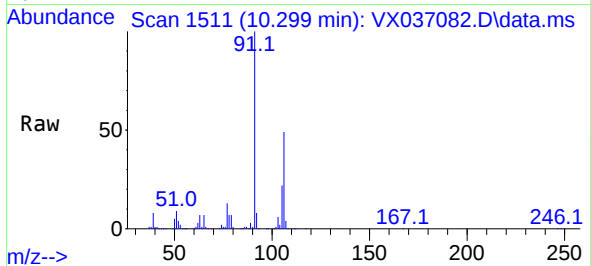




#68
m/p-Xylenes
Concen: 26.473 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

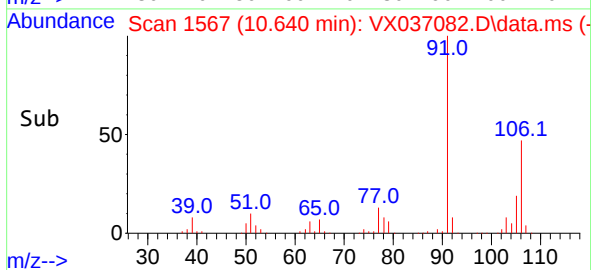
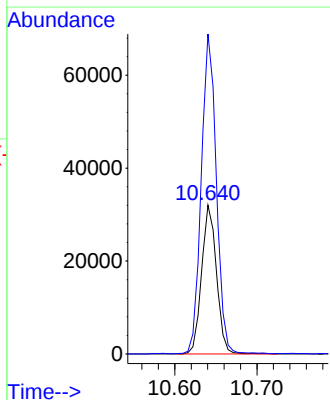
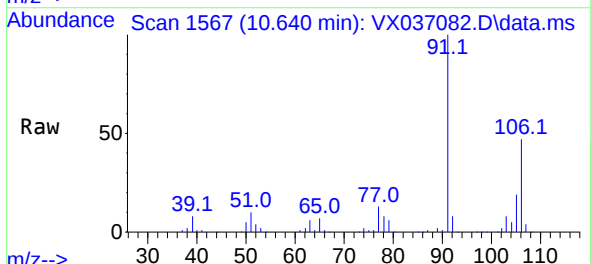
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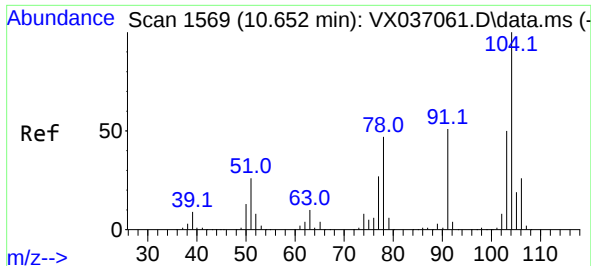
Tgt Ion:106 Resp: 86031
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3



#69
o-Xylene
Concen: 12.535 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion:106 Resp: 40190
Ion Ratio Lower Upper
106 100
91 217.7 108.9 326.8

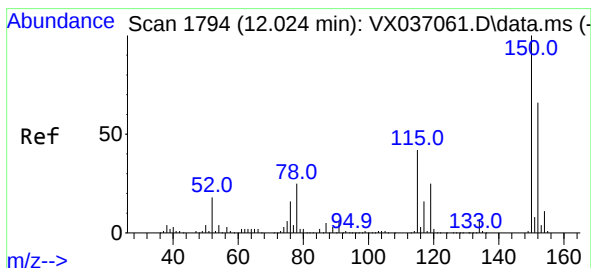
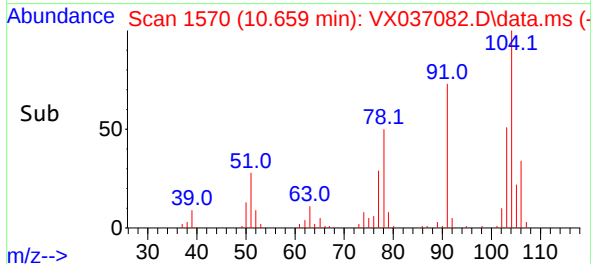
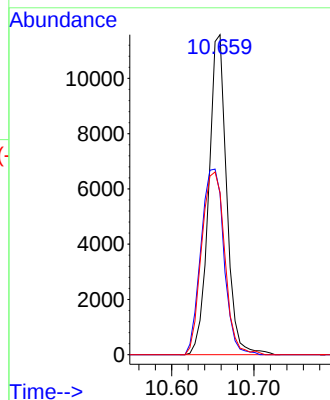
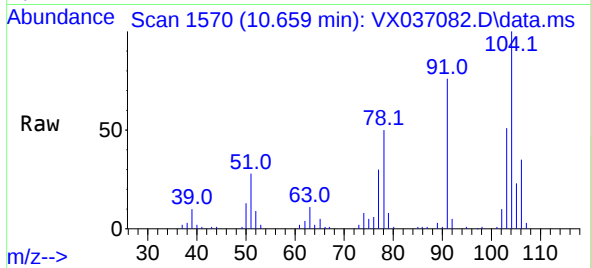




#70
Styrene
Concen: 3.318 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

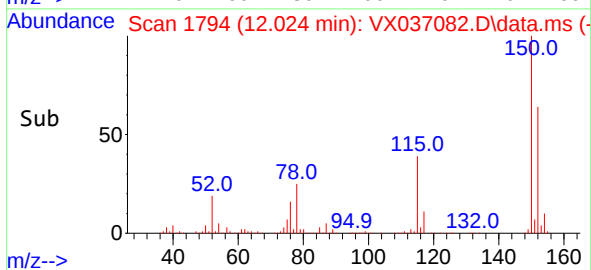
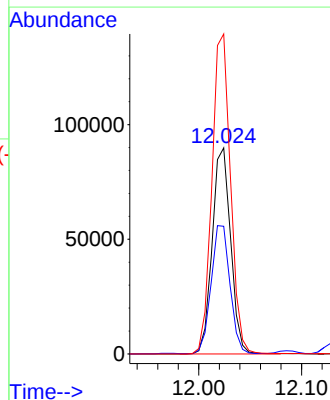
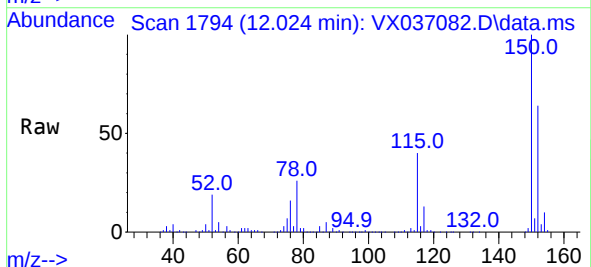
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

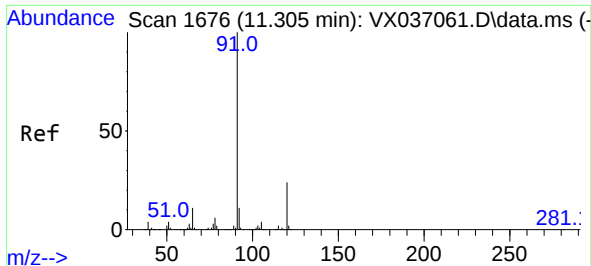
Tgt Ion:104 Resp: 17526
Ion Ratio Lower Upper
104 100
78 74.5 43.6 65.4#
103 73.7 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion:152 Resp: 111769
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 157.0 0.0 345.0

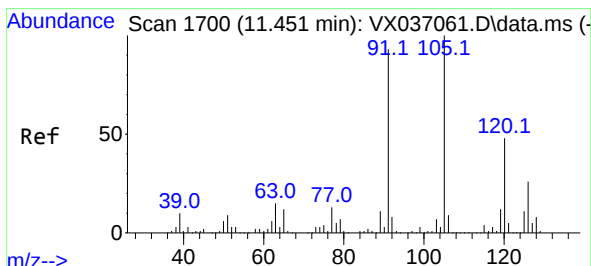
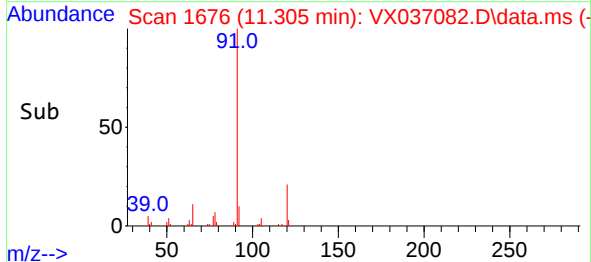
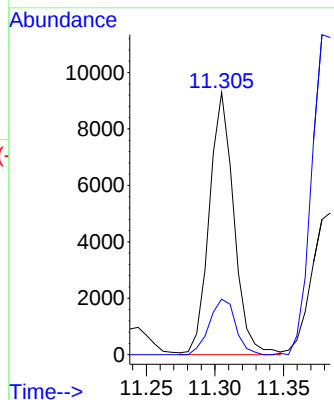
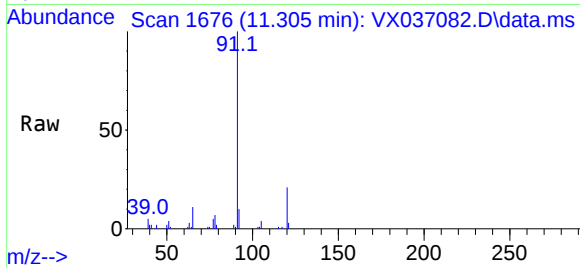




#78
n-propylbenzene
Concen: 1.279 ug/l
RT: 11.305 min Scan# 11571
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

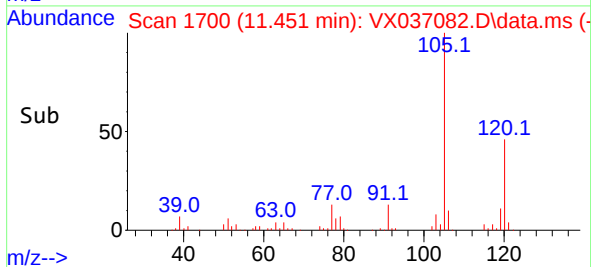
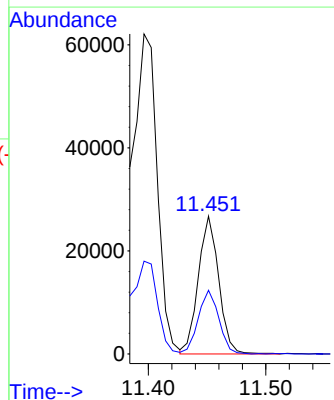
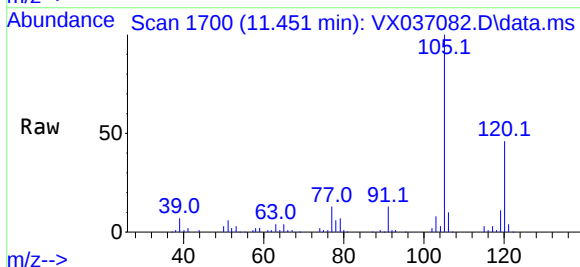
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94DL

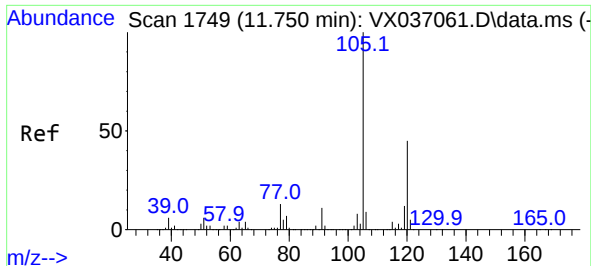
Tgt Ion: 91 Resp: 11571
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.778 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037082.D
Acq: 18 Aug 2023 14:19

Tgt Ion:105 Resp: 32378
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 16.429 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037082.D

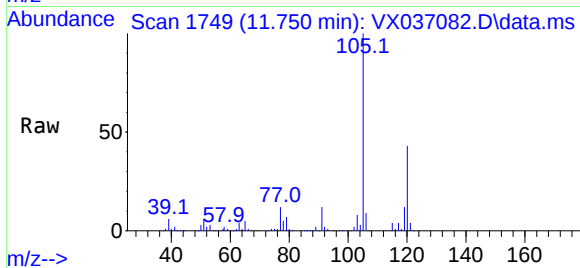
Acq: 18 Aug 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z93-94DL



Tgt Ion:105 Resp: 112521

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6

