

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036974.D
 Acq On : 14 Aug 2023 19:00
 Operator : JC/MD
 Sample : 03932-03 10X
 Misc : 7.14g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB-01-Z30-32

Quant Time: Aug 15 01:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

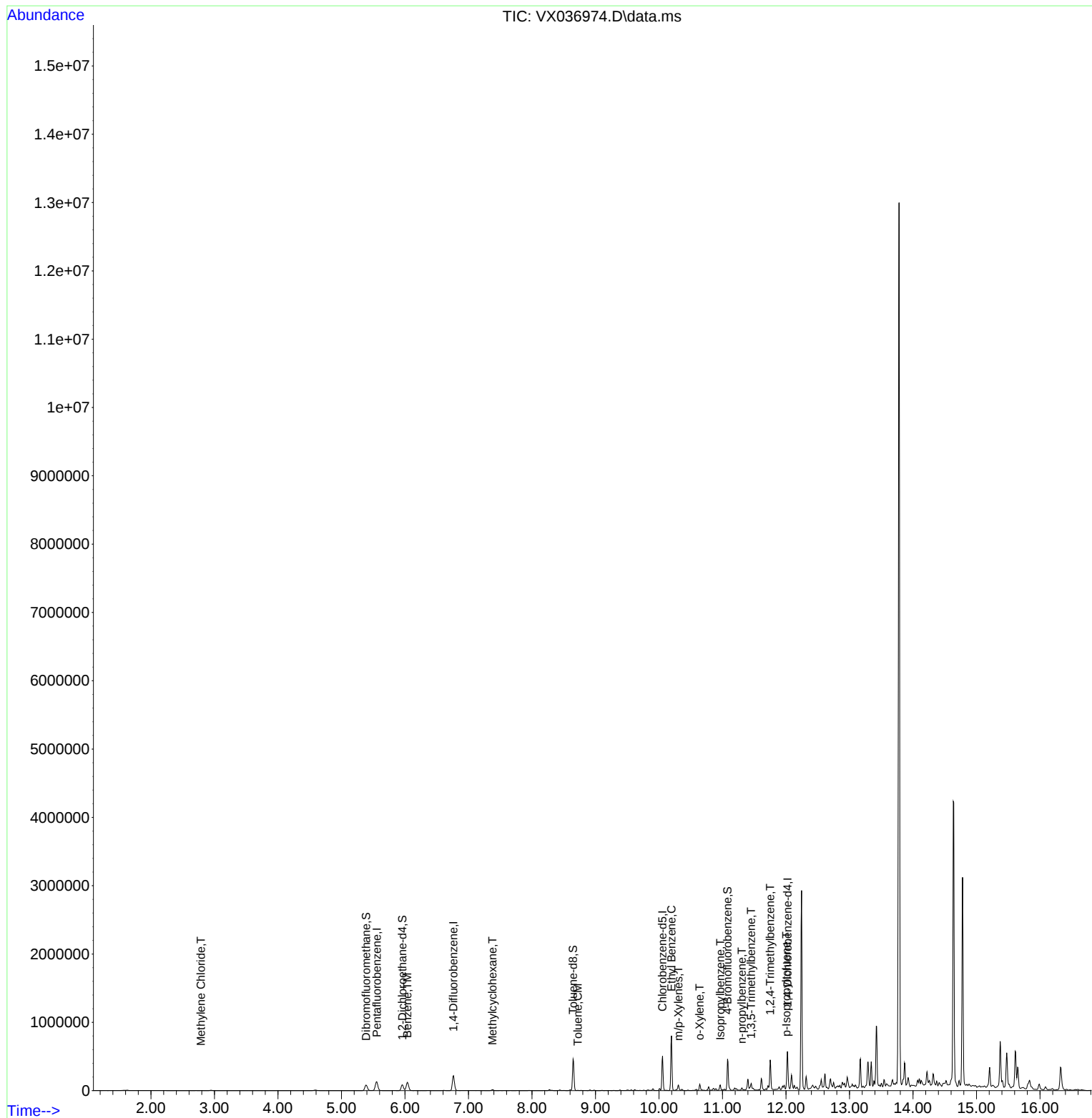
Internal Standards						
1) Pentafluorobenzene	5.556	168	121704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84972	47.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.385	113	71685	46.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.500%		
50) Toluene-d8	8.647	98	275399	50.100	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.200%		
62) 4-Bromofluorobenzene	11.079	95	116408	56.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.260%		
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	1012	0.609	ug/l	89
39) Methylcyclohexane	7.379	83	6594	2.295	ug/l	90
40) Benzene	6.038	78	151951	22.605	ug/l	99
52) Toluene	8.720	92	1650	0.392	ug/l	98
67) Ethyl Benzene	10.195	91	450832	49.932	ug/l	99
68) m/p-Xylenes	10.305	106	17294	5.134	ug/l	97
69) o-Xylene	10.640	106	18799	5.591	ug/l	95
73) Isopropylbenzene	10.964	105	38872	4.145	ug/l	98
78) n-propylbenzene	11.305	91	21673	1.998	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	38525	4.910	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	186606	23.782	ug/l	96
86) p-Isopropyltoluene	12.006	119	16853	2.131	ug/l #	72

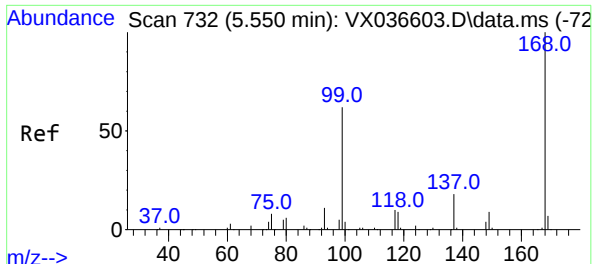
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB-01-Z30-32

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

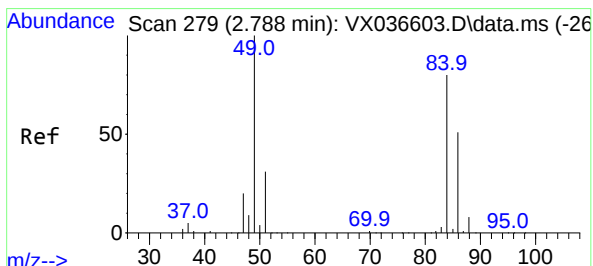
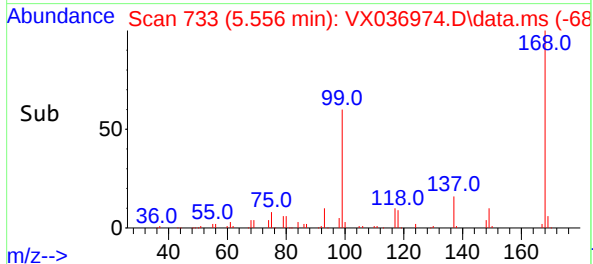
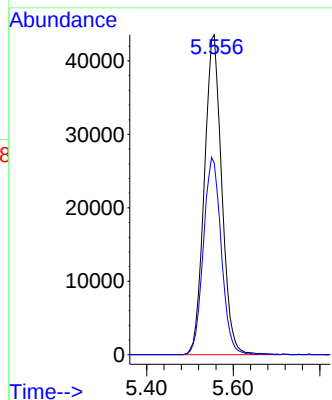
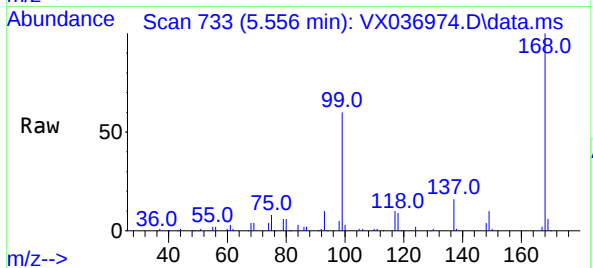




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

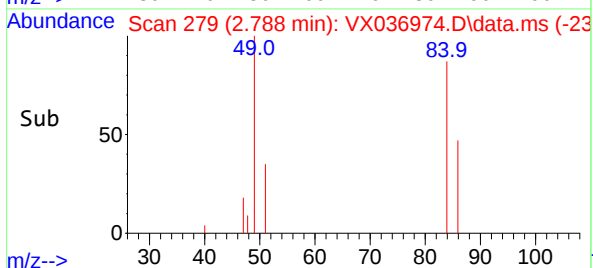
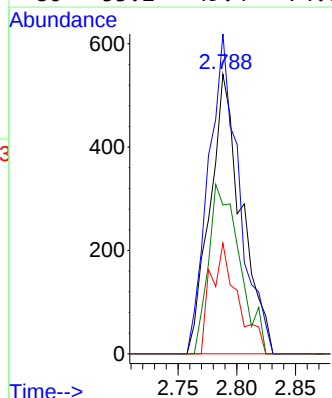
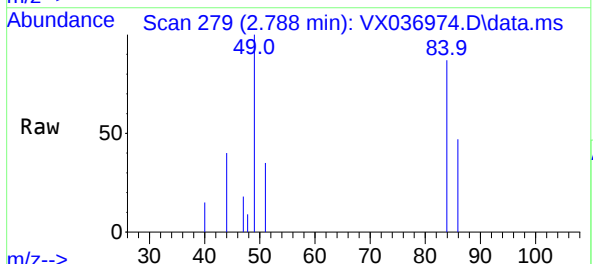
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

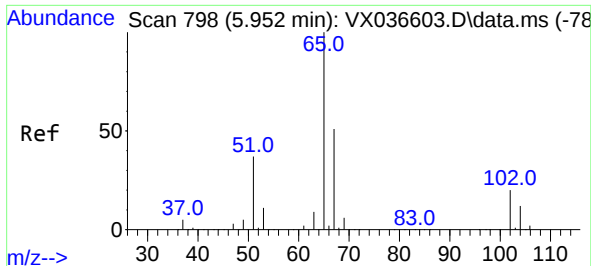
Tgt Ion:168 Resp: 121704
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#20
Methylene Chloride
Concen: 0.609 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion: 84 Resp: 1012
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 39.6 33.8 50.6
86 53.2 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036974.D

Acq: 14 Aug 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

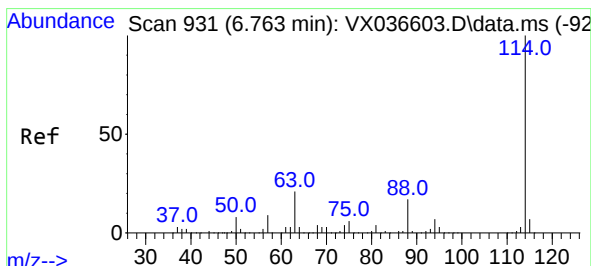
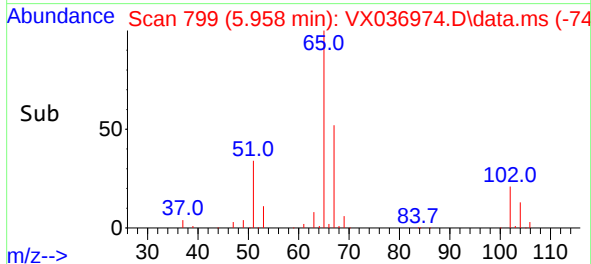
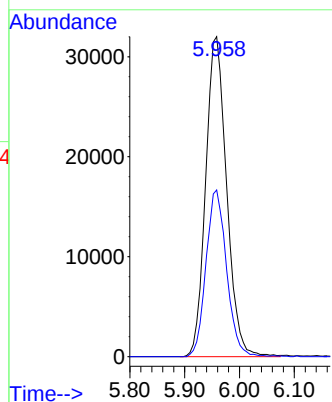
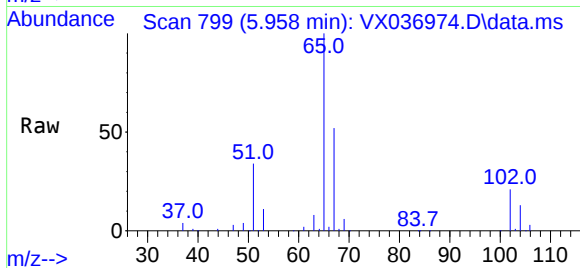
NEVINS-SB-01-Z30-32

Tgt Ion: 65 Resp: 84972

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# 931

Delta R.T. 0.000 min

Lab File: VX036974.D

Acq: 14 Aug 2023 19:00

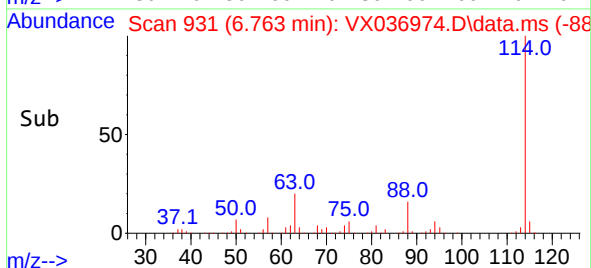
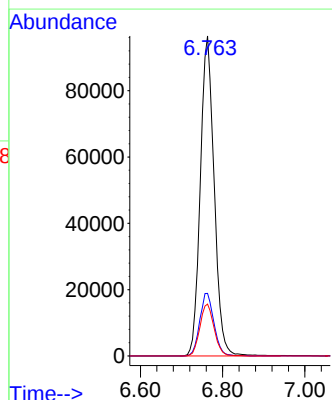
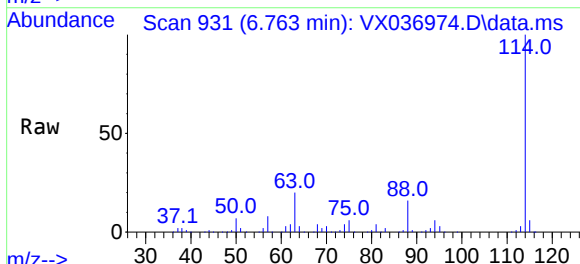
Tgt Ion: 114 Resp: 225521

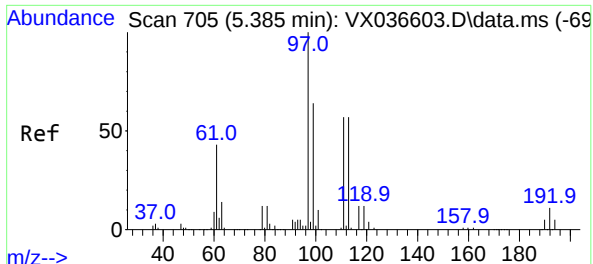
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.2 0.0 36.6

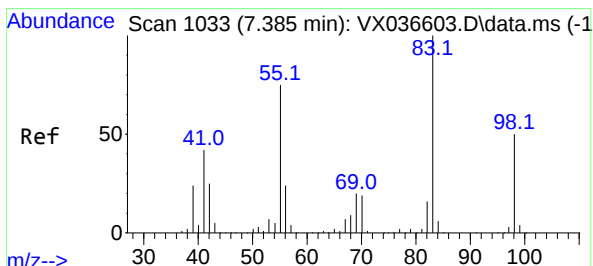
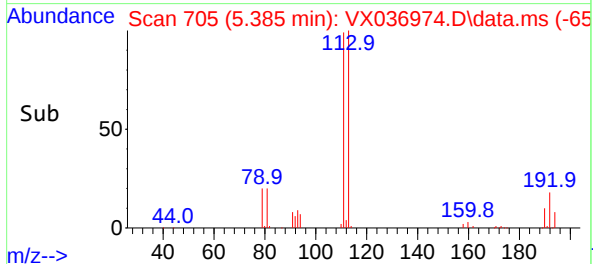
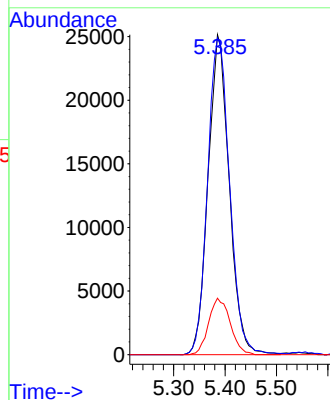
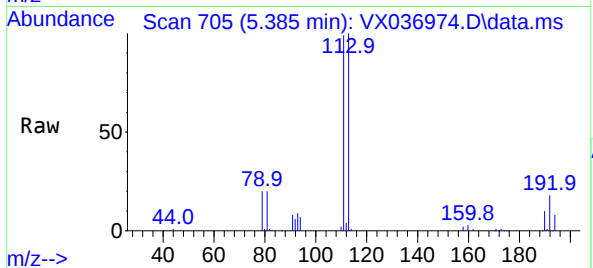




#35
Dibromofluoromethane
Concen: 46.245 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

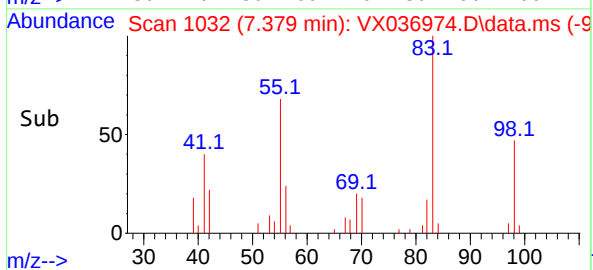
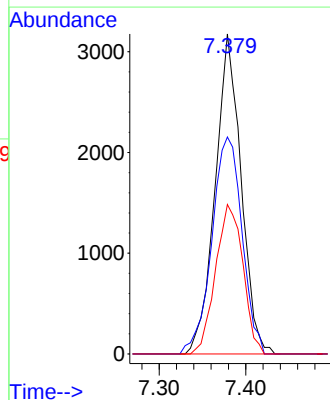
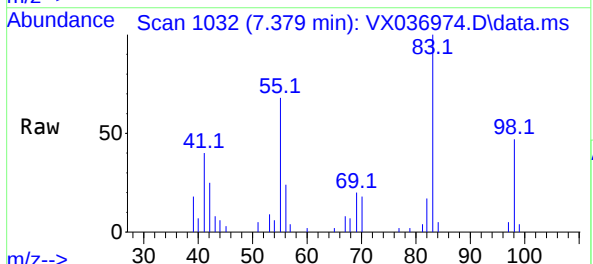
Instrument :
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NEVINS-SB-01-Z30-32

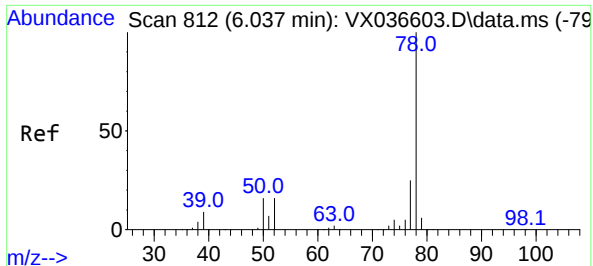
Tgt Ion:	113	Resp:	71685
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	18.0	13.3	19.9



#39
Methylcyclohexane
Concen: 2.295 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion:	83	Resp:	6594
Ion	Ratio	Lower	Upper
83	100		
55	67.8	64.6	97.0
98	46.7	36.7	55.1

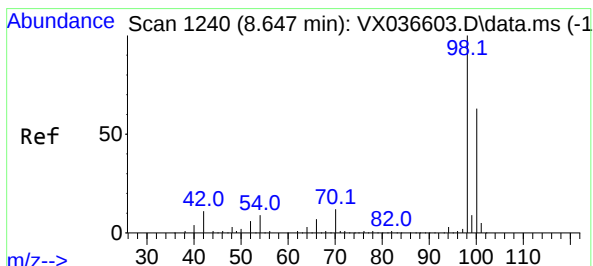
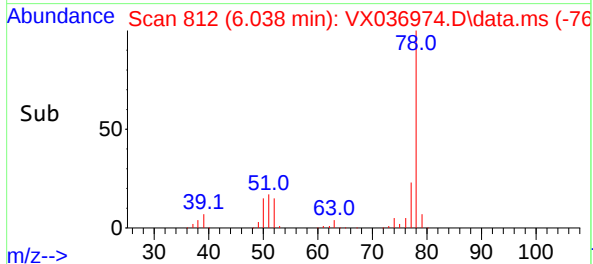
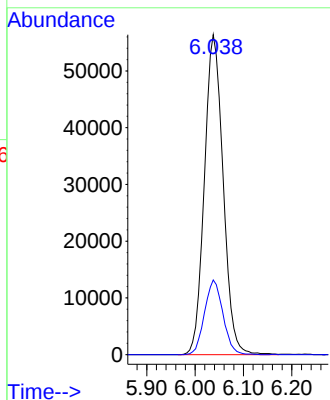
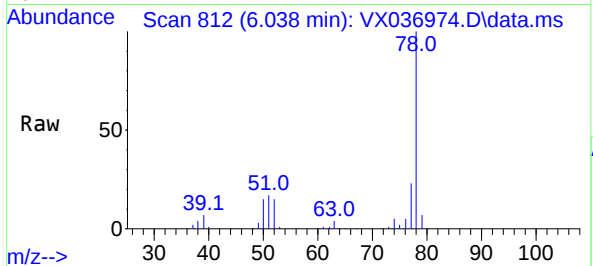




#40
Benzene
Concen: 22.605 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

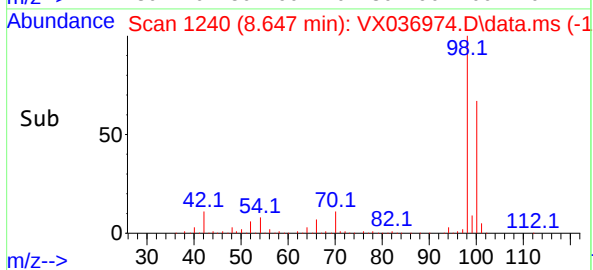
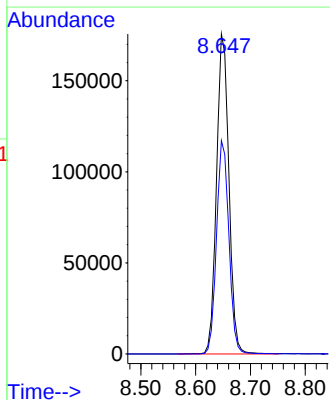
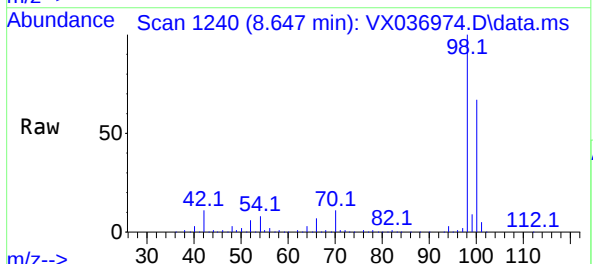
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

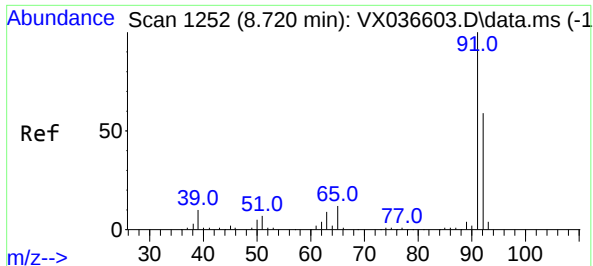
Tgt Ion: 78 Resp: 151951
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion: 98 Resp: 275399
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#52

Toluene

Concen: 0.392 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036974.D

Acq: 14 Aug 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

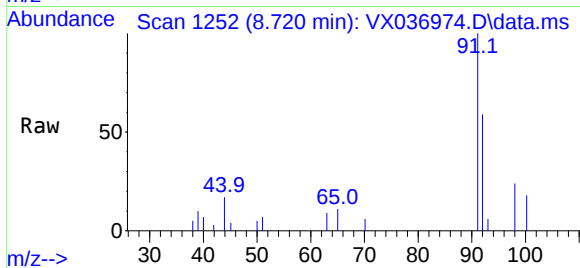
NEVINS-SB-01-Z30-32

Tgt Ion: 92 Resp: 1650

Ion Ratio Lower Upper

92 100

91 165.6 134.2 201.2



Abundance

1500

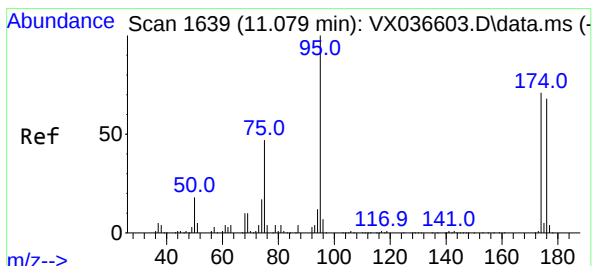
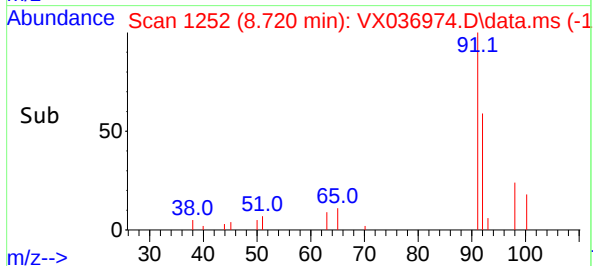
1000

500

0

8.720

Time-->



#62

4-Bromofluorobenzene

Concen: 56.129 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036974.D

Acq: 14 Aug 2023 19:00

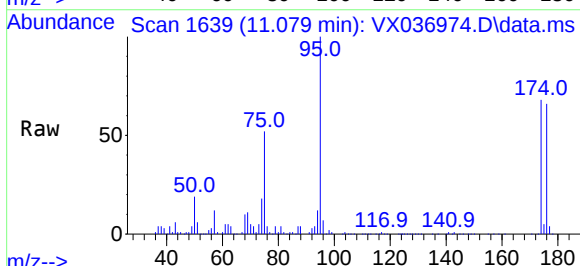
Tgt Ion: 95 Resp: 116408

Ion Ratio Lower Upper

95 100

174 71.9 0.0 135.6

176 69.5 0.0 131.0



Abundance

80000

60000

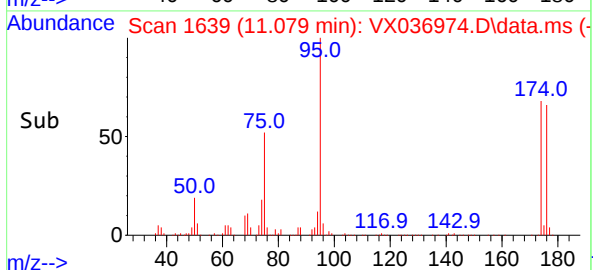
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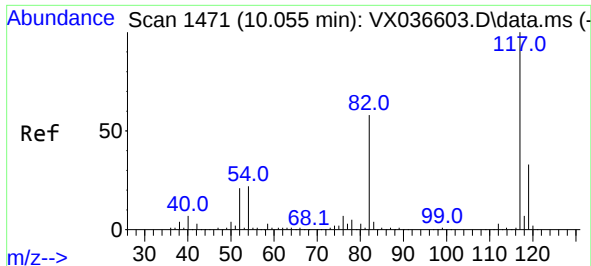
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11.079

Time-->

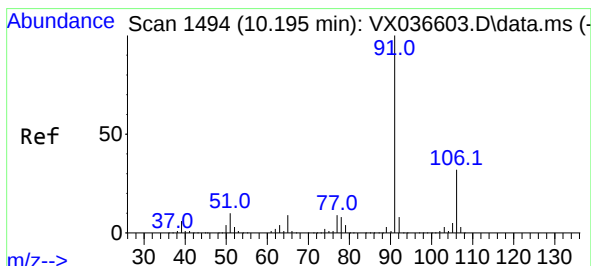
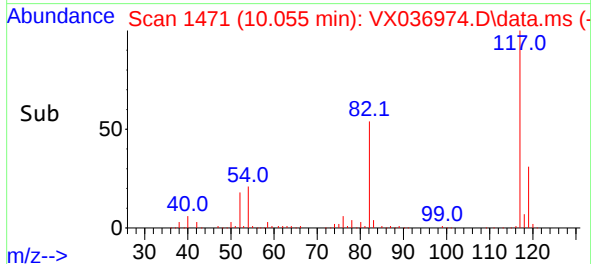
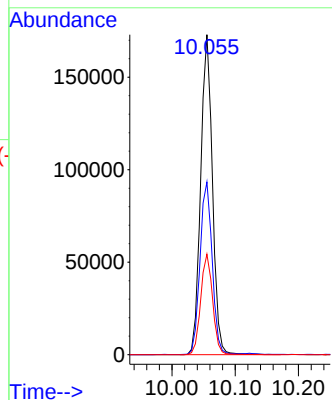
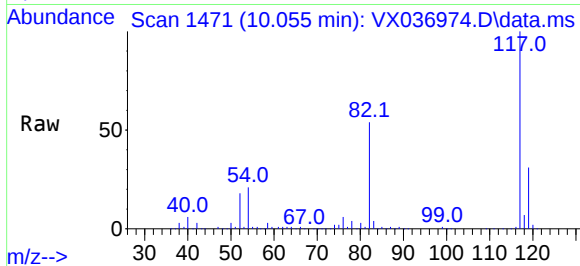




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

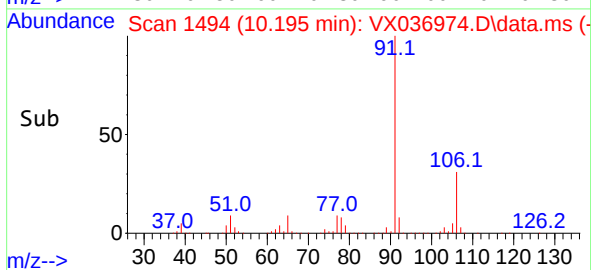
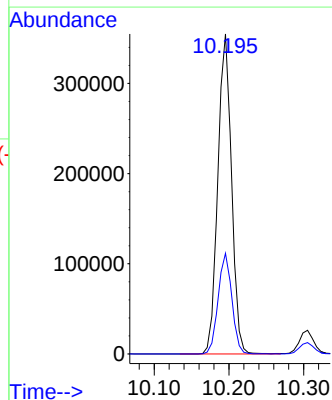
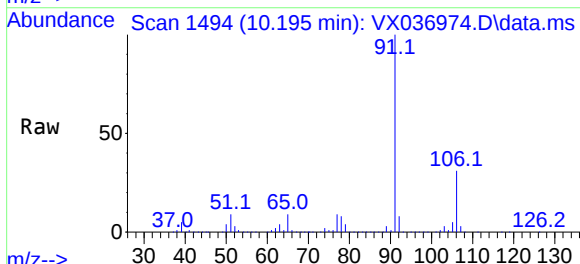
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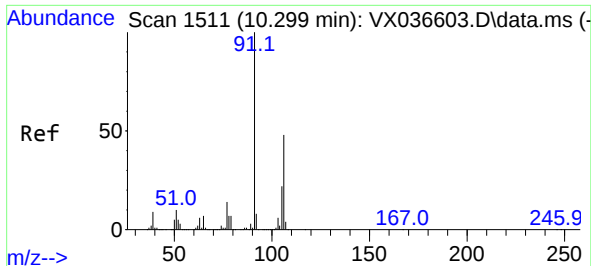
Tgt Ion:117 Resp: 224218
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.4 25.5 38.3



#67
Ethyl Benzene
Concen: 49.932 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion: 91 Resp: 450832
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

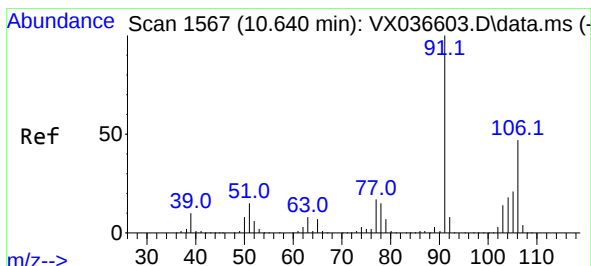
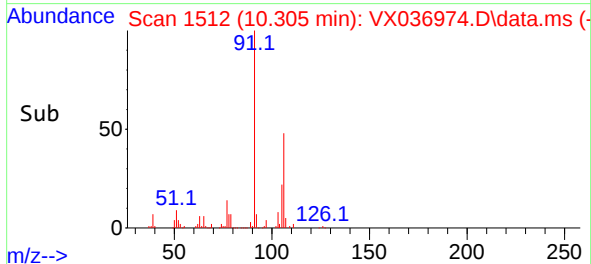
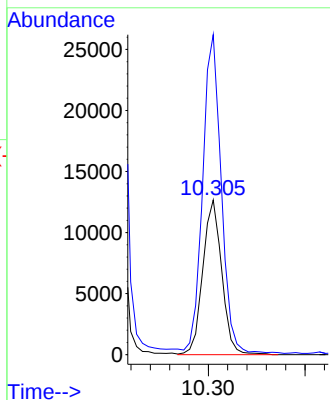
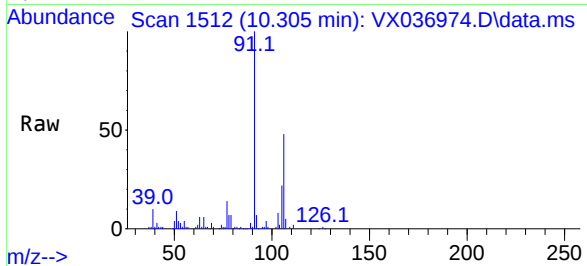




#68
m/p-Xylenes
Concen: 5.134 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

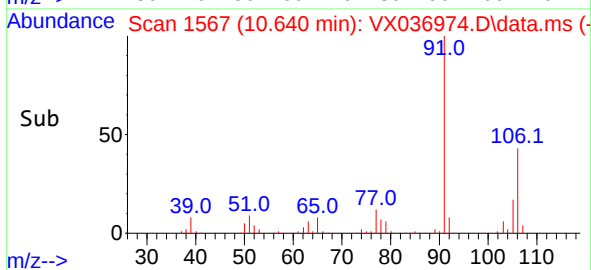
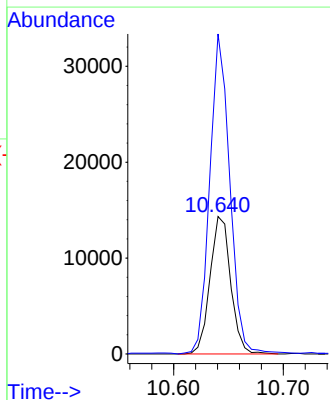
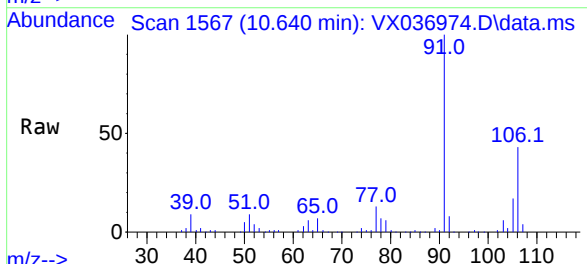
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

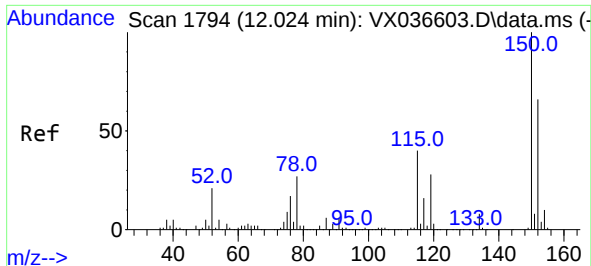
Tgt Ion:106 Resp: 17294
Ion Ratio Lower Upper
106 100
91 202.9 165.5 248.3



#69
o-Xylene
Concen: 5.591 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion:106 Resp: 18799
Ion Ratio Lower Upper
106 100
91 226.0 108.9 326.8

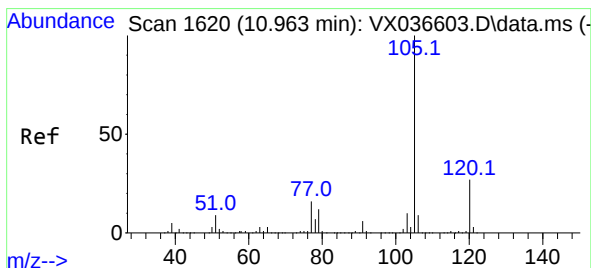
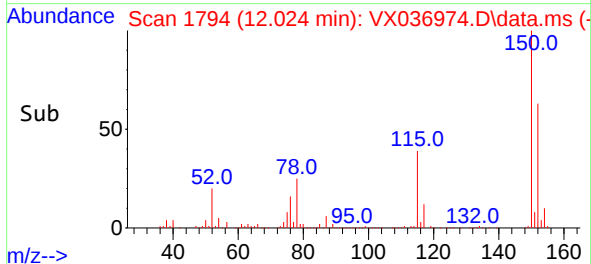
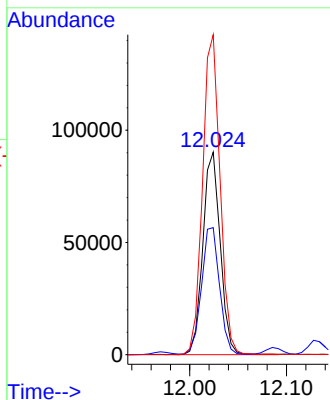
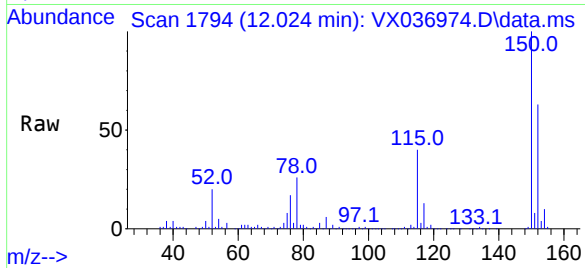




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

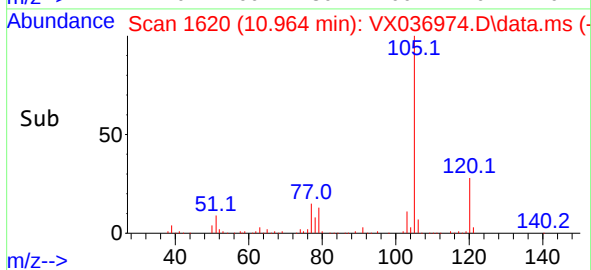
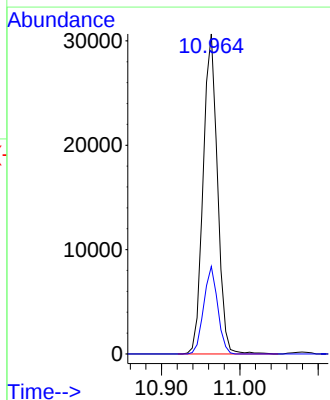
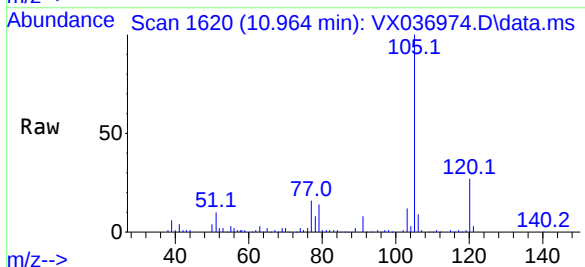
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

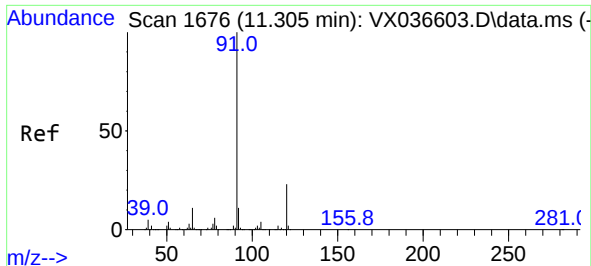
Tgt Ion:152 Resp: 113322
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 158.1 0.0 345.0



#73
Isopropylbenzene
Concen: 4.145 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion:105 Resp: 38872
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

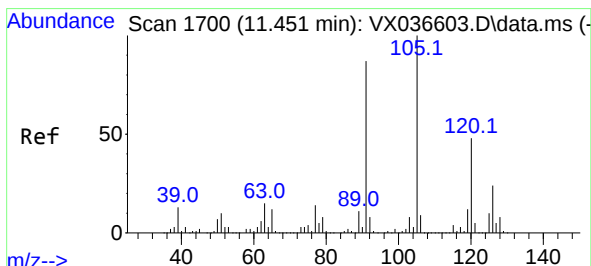
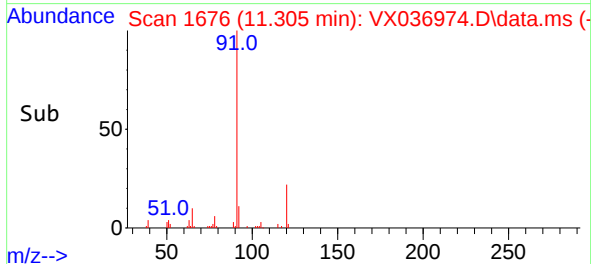
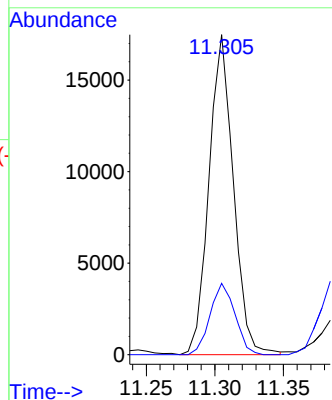
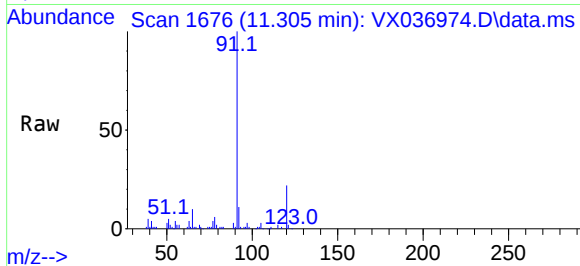




#78
n-propylbenzene
Concen: 1.998 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

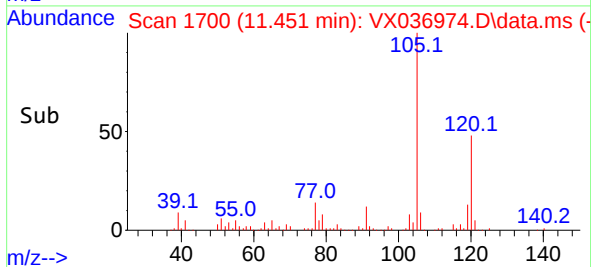
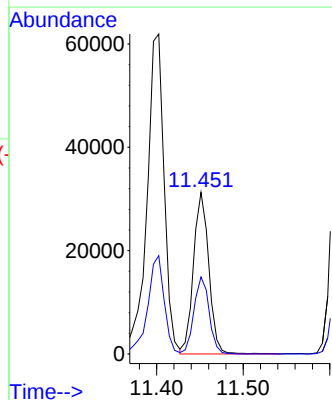
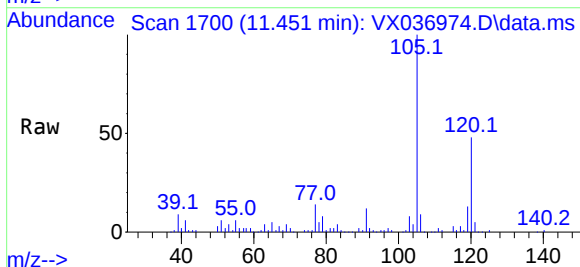
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

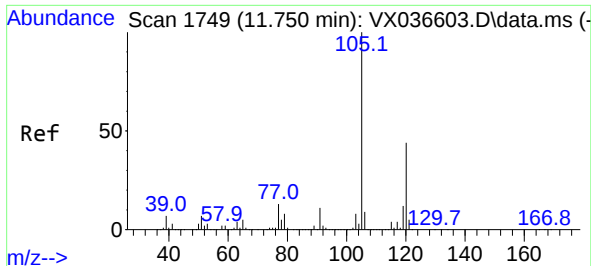
Tgt Ion: 91 Resp: 21673
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion: 105 Resp: 38525
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3

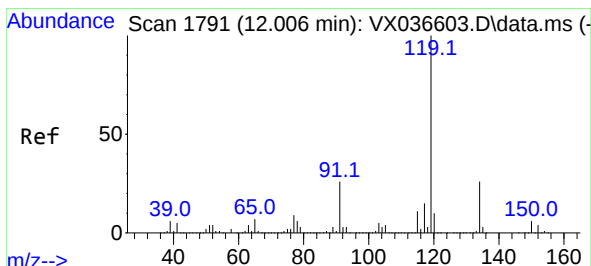
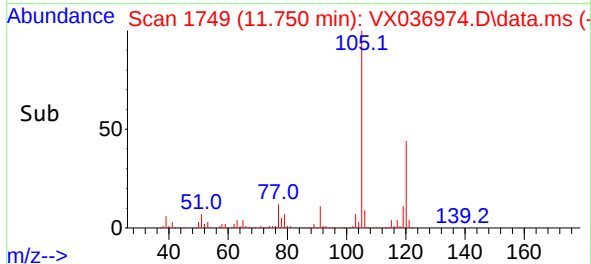
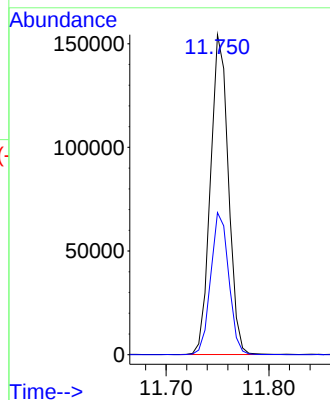
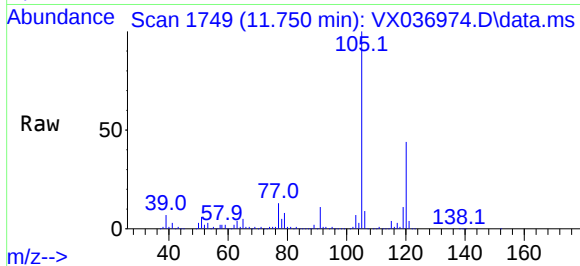




#84
1,2,4-Trimethylbenzene
Concen: 23.782 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB-01-Z30-32

Tgt Ion:105 Resp: 186606
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6



#86
p-Isopropyltoluene
Concen: 2.131 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX036974.D
Acq: 14 Aug 2023 19:00

Tgt Ion:119 Resp: 16853
Ion Ratio Lower Upper
119 100
134 27.8 12.8 38.3
91 0.0 13.1 39.3#

