

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037159.D
 Acq On : 22 Aug 2023 18:11
 Operator : JC/MD
 Sample : 04014-04DL 200X
 Misc : 7.77g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z84-85DL

Quant Time: Aug 23 01:46:04 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)

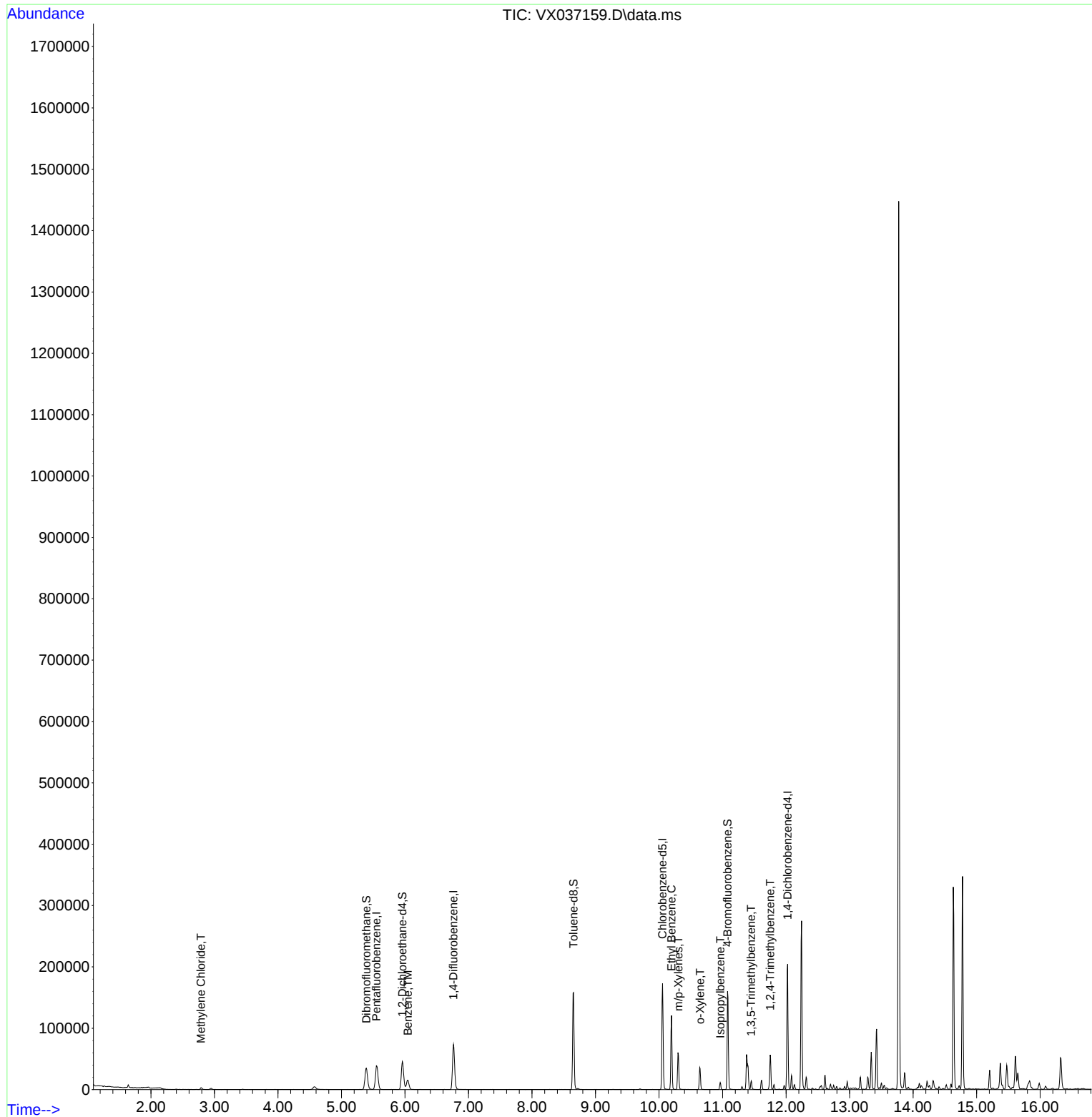
Internal Standards						
1) Pentafluorobenzene	5.549	168	36676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46424	87.799	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 175.600%#		
35) Dibromofluoromethane	5.391	113	31333	61.819	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 123.640%		
50) Toluene-d8	8.653	98	98851	53.766	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.540%		
62) 4-Bromofluorobenzene	11.079	95	45098	62.418	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 124.840%#		
Target Compounds						Qvalue
20) Methylene Chloride	2.788	84	1489	3.219	ug/l	92
40) Benzene	6.043	78	19941	9.656	ug/l	96
67) Ethyl Benzene	10.195	91	67888	22.913	ug/l	99
68) m/p-Xylenes	10.305	106	14330	12.524	ug/l	99
69) o-Xylene	10.646	106	8526	7.553	ug/l	97
73) Isopropylbenzene	10.963	105	6365	2.089	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6568	2.584	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	25297	9.849	ug/l	97

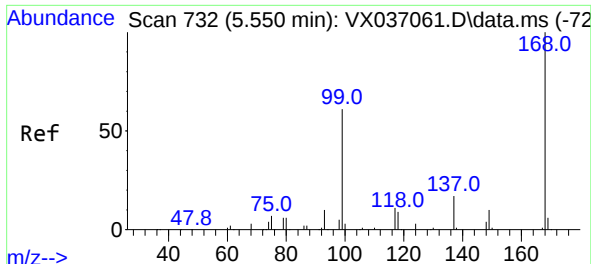
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB06-Z84-85DL

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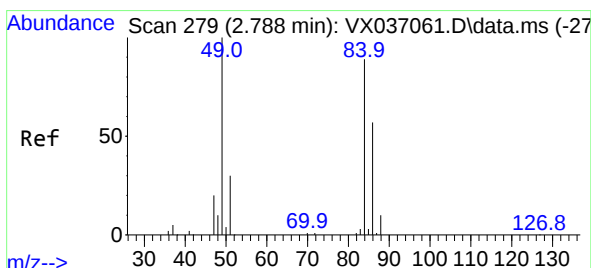
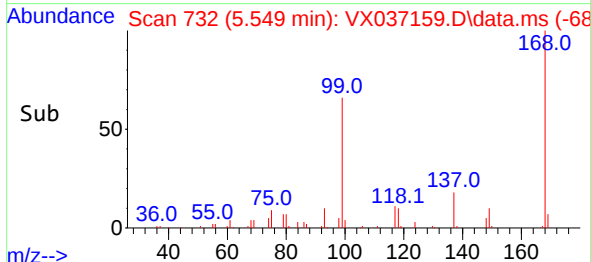
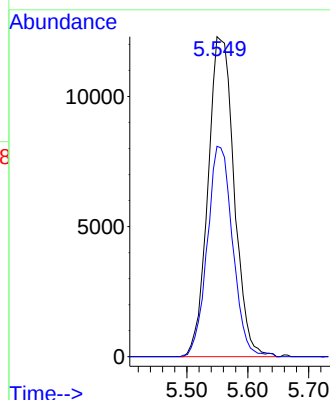
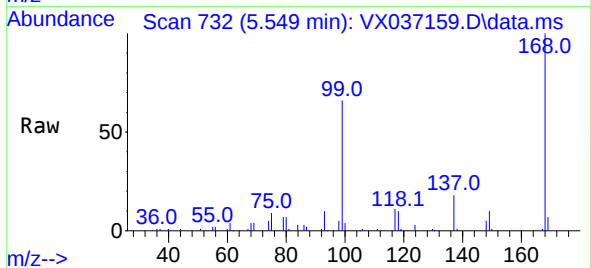




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

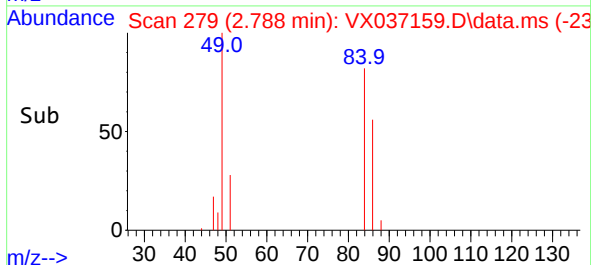
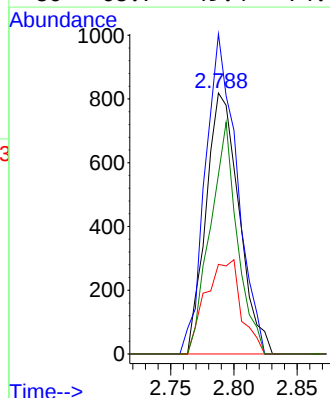
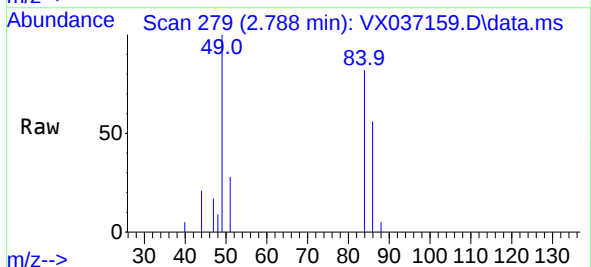
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85DL

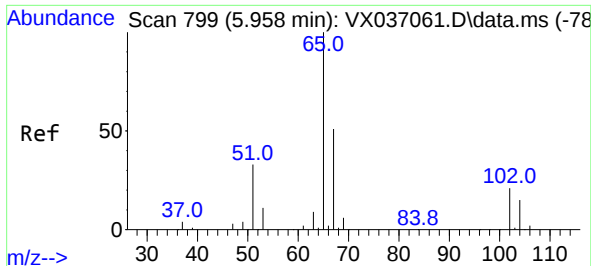
Tgt Ion:168 Resp: 36676
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#20
Methylene Chloride
Concen: 3.219 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion: 84 Resp: 1489
Ion Ratio Lower Upper
84 100
49 122.6 103.6 155.4
51 34.3 33.8 50.6
86 68.7 49.4 74.0

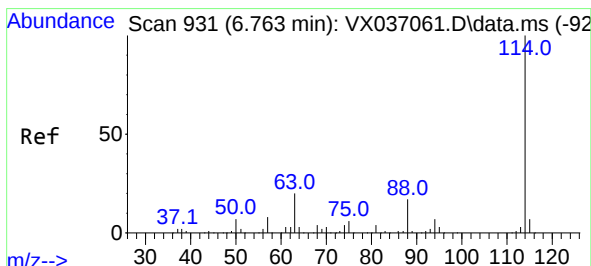
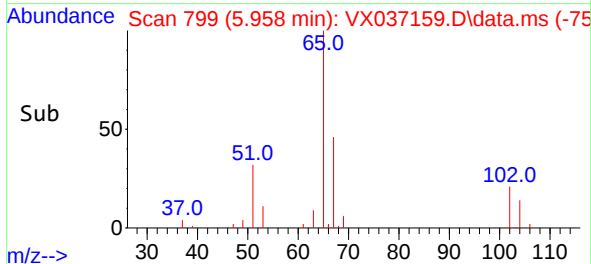
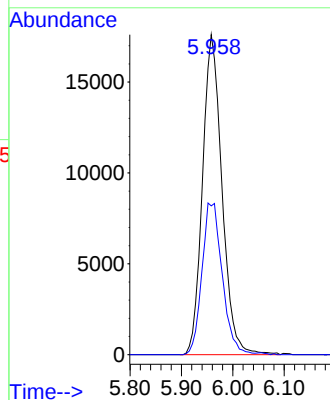
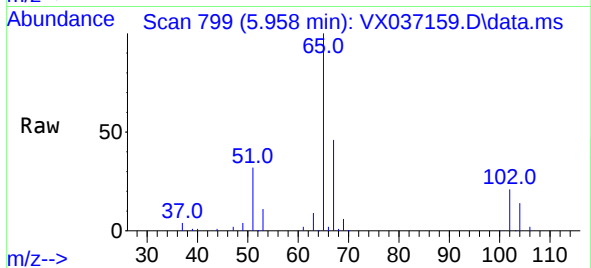




#33
 1,2-Dichloroethane-d4
 Concen: 87.799 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037159.D
 Acq: 22 Aug 2023 18:11

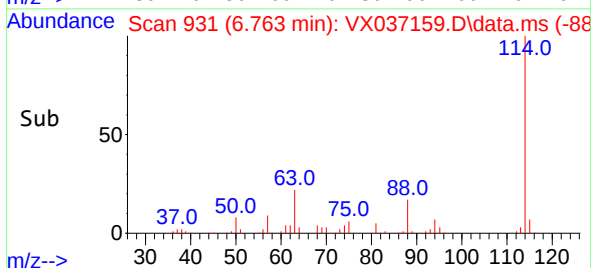
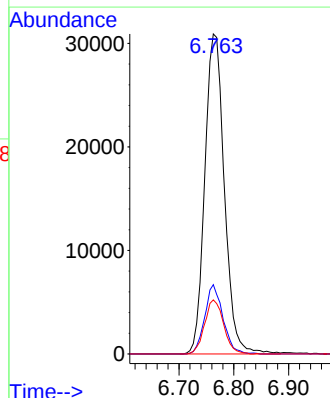
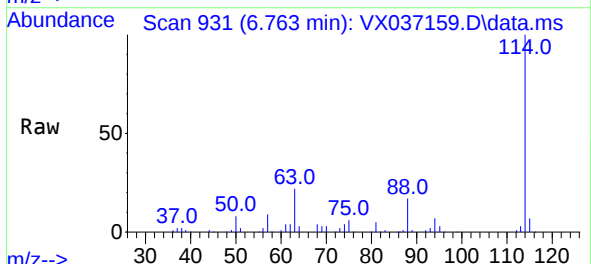
Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z84-85DL

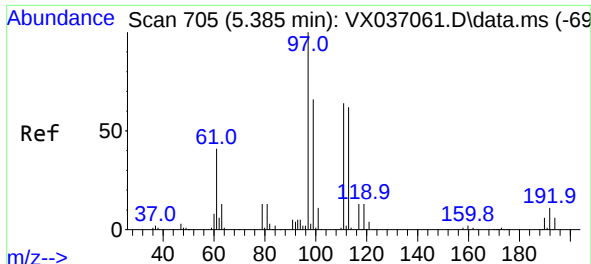
Tgt Ion: 65 Resp: 46424
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037159.D
 Acq: 22 Aug 2023 18:11

Tgt Ion: 114 Resp: 76531
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 16.9 0.0 36.6

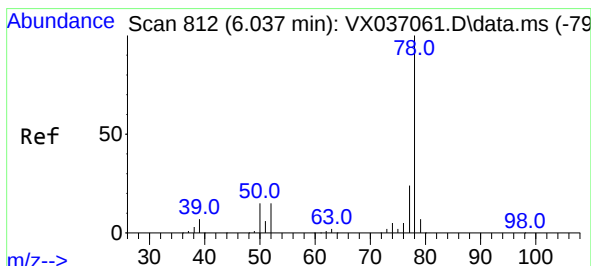
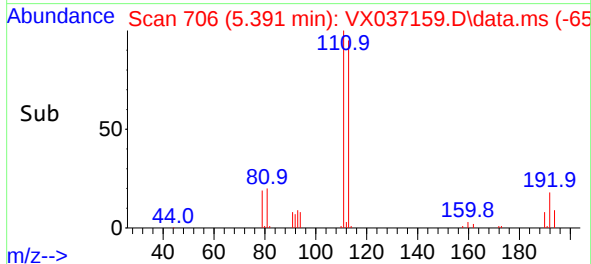
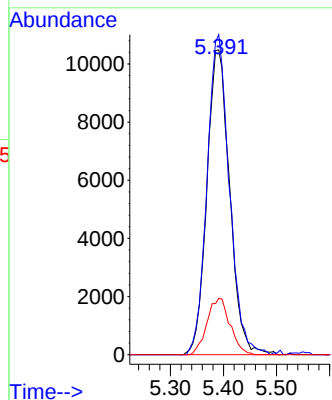
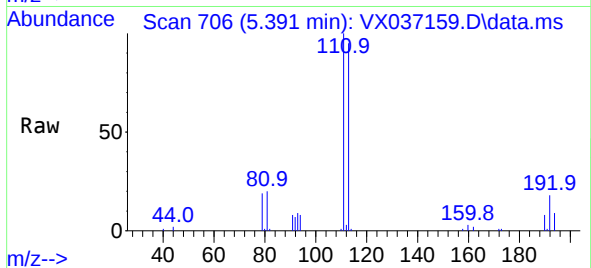




#35
Dibromofluoromethane
Concen: 61.819 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

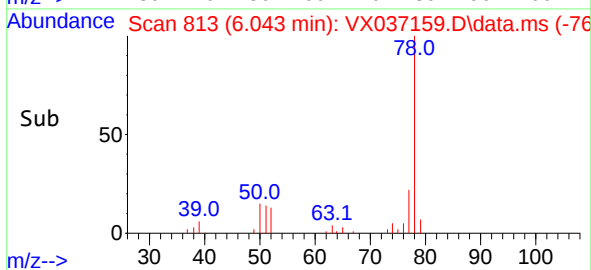
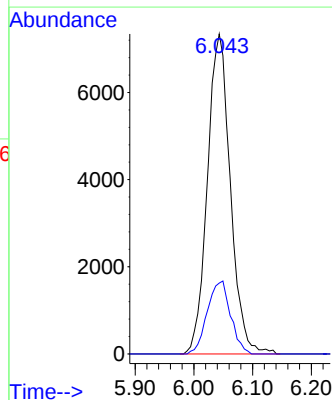
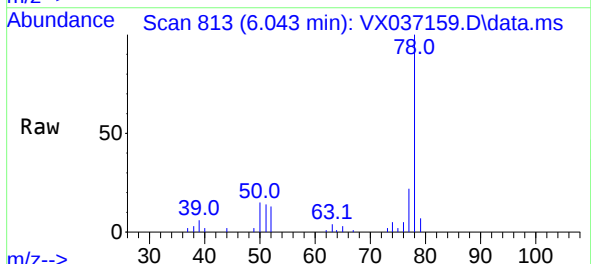
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85DL

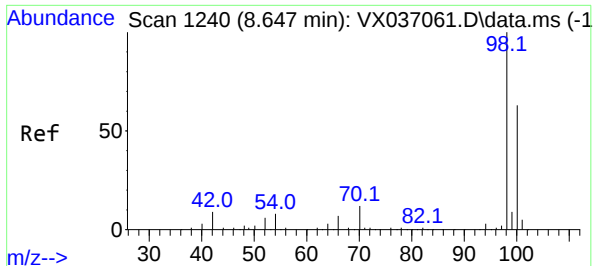
Tgt Ion:113 Resp: 31333
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.6 13.3 19.9



#40
Benzene
Concen: 9.656 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion: 78 Resp: 19941
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9





#50

Toluene-d8

Concen: 53.766 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037159.D

Acq: 22 Aug 2023 18:11

Instrument :

MSVOA_X

ClientSampleId :

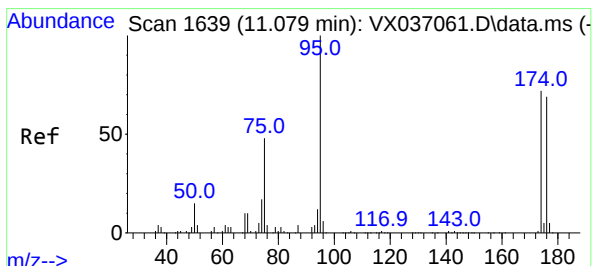
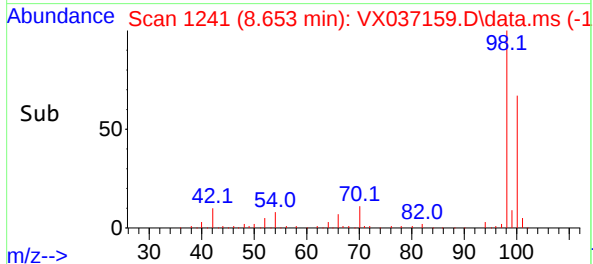
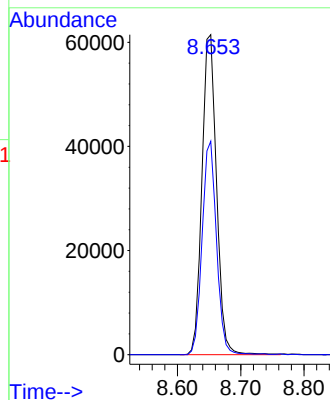
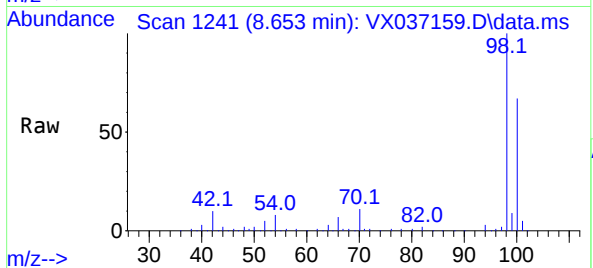
NEVINS-SB06-Z84-85DL

Tgt Ion: 98 Resp: 98851

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 62.418 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037159.D

Acq: 22 Aug 2023 18:11

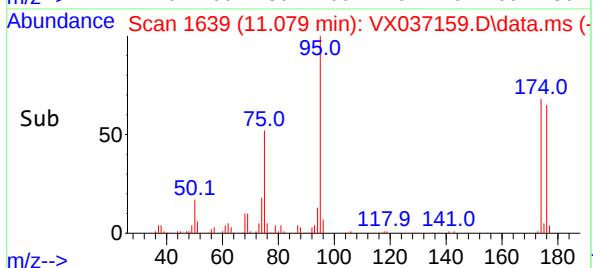
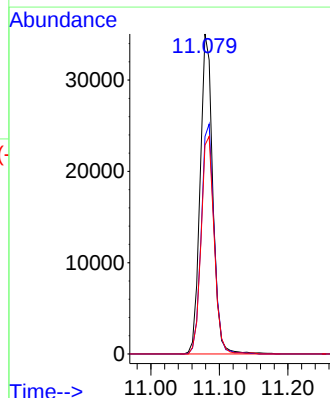
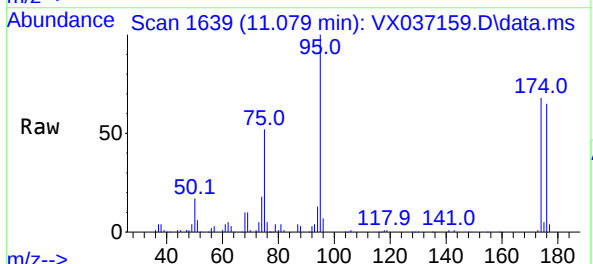
Tgt Ion: 95 Resp: 45098

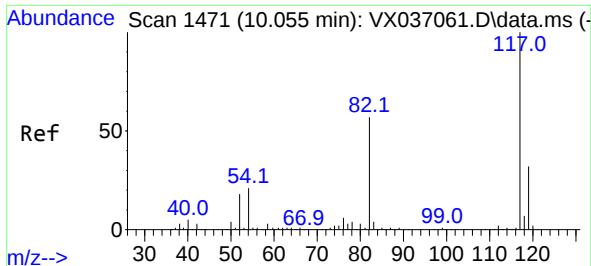
Ion Ratio Lower Upper

95 100

174 73.1 0.0 135.6

176 70.2 0.0 131.0

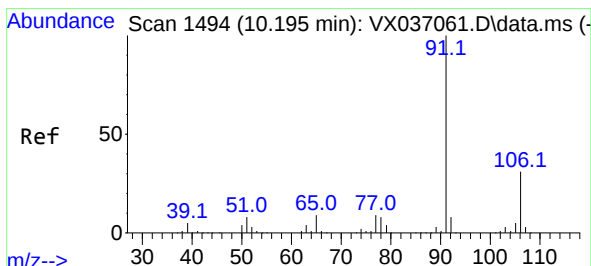
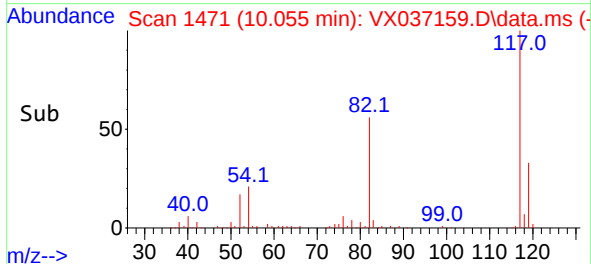
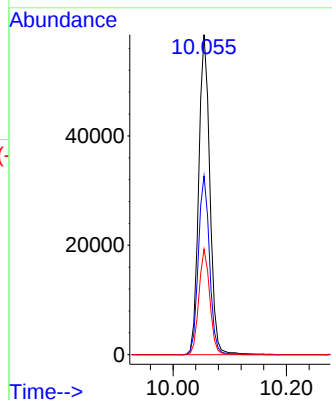
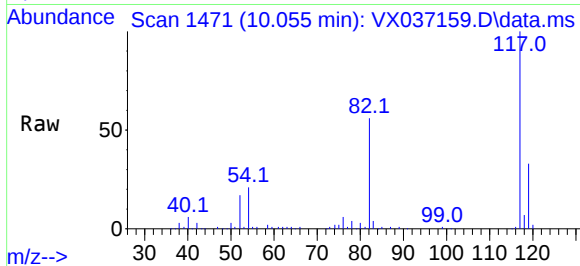




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

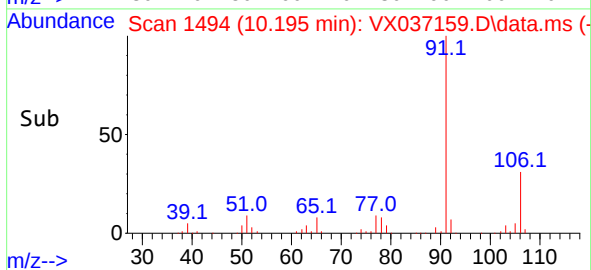
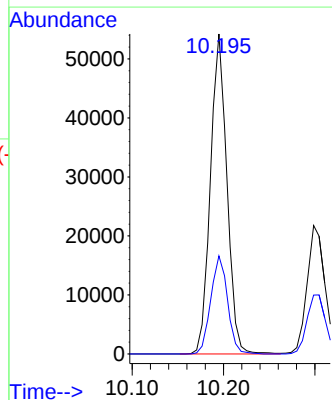
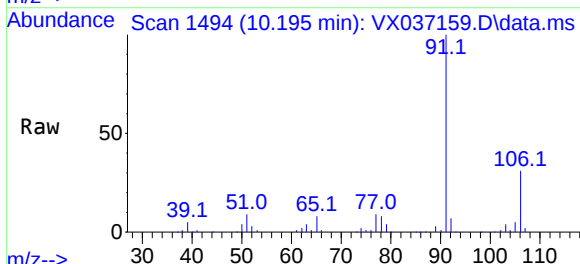
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85DL

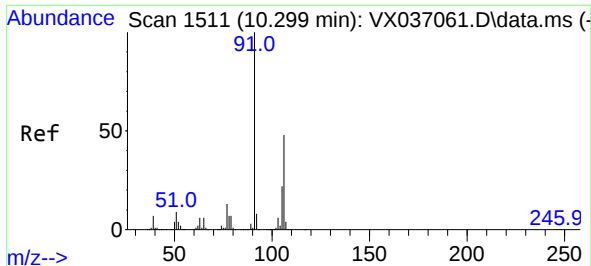
Tgt Ion:117 Resp: 79668
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 33.0 25.5 38.3



#67
Ethyl Benzene
Concen: 22.913 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion: 91 Resp: 67888
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

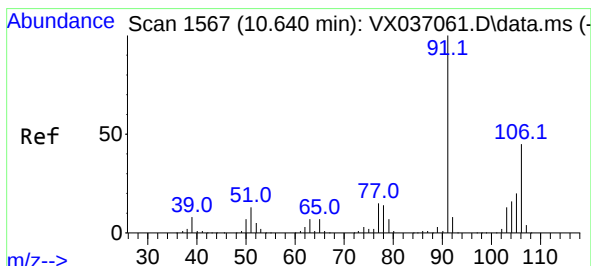
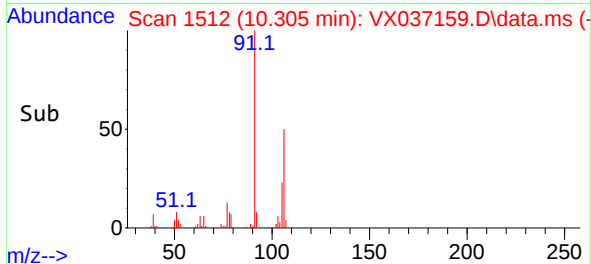
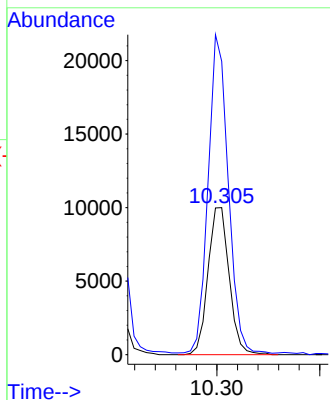
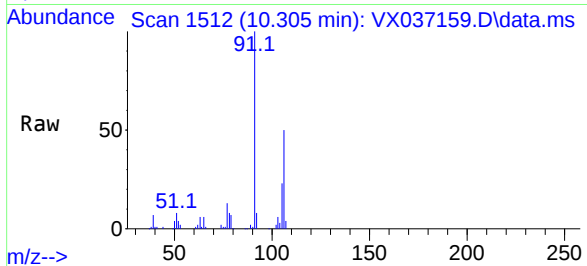




#68
m/p-Xylenes
Concen: 12.524 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

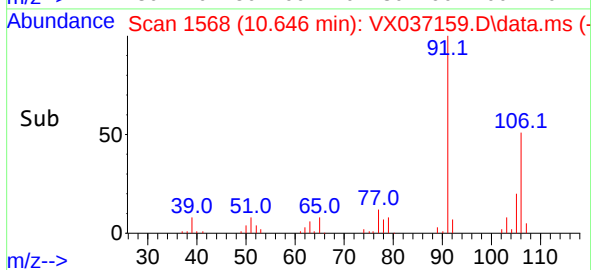
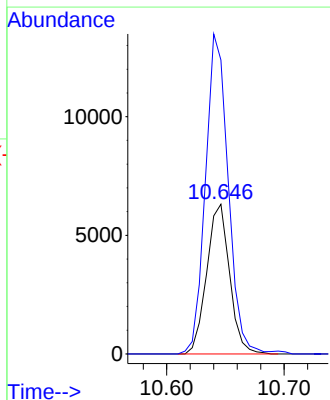
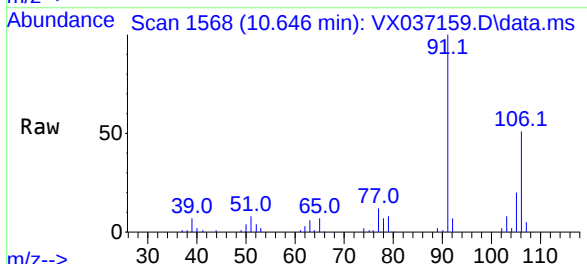
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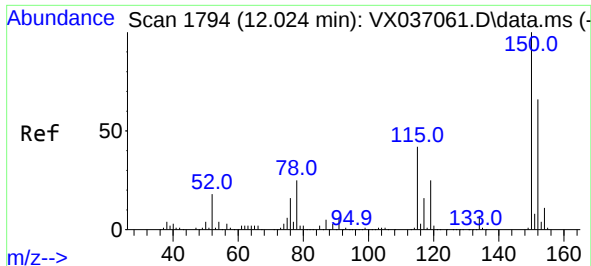
Tgt Ion:106 Resp: 14330
Ion Ratio Lower Upper
106 100
91 205.2 165.5 248.3



#69
o-Xylene
Concen: 7.553 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion:106 Resp: 8526
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

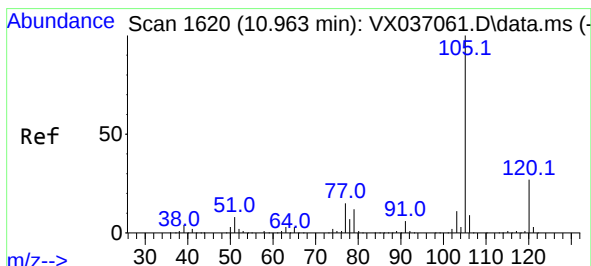
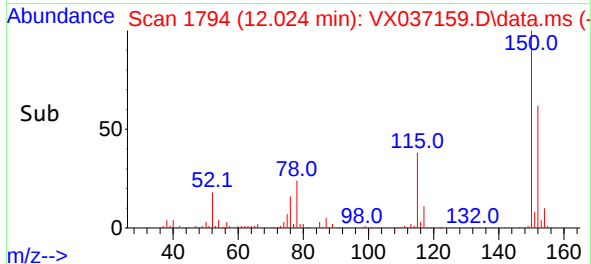
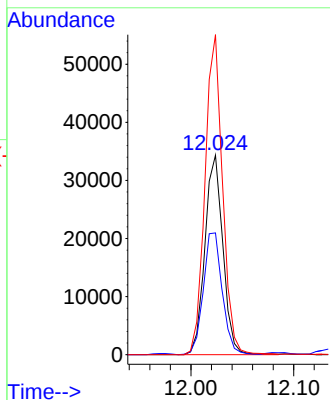
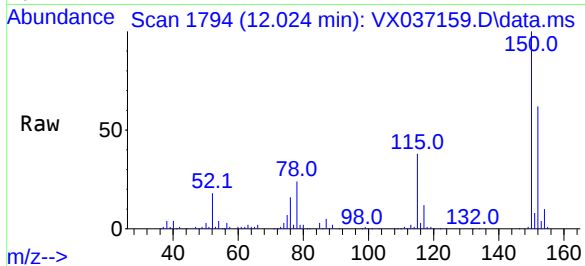




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

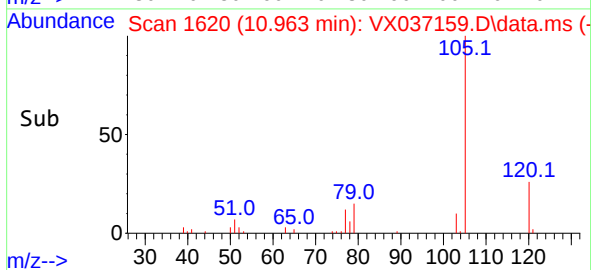
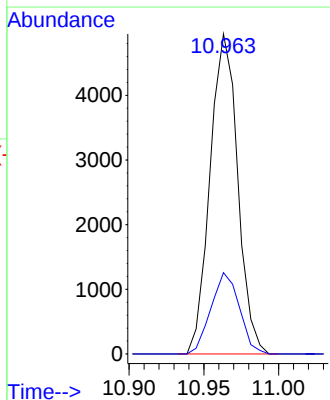
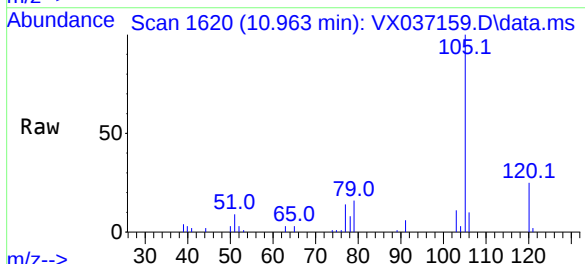
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85DL

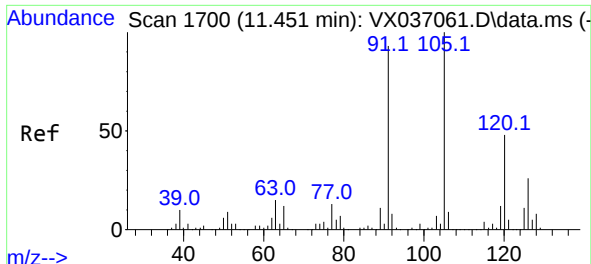
Tgt Ion:152 Resp: 41914
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 156.9 0.0 345.0



#73
Isopropylbenzene
Concen: 2.089 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion:105 Resp: 6365
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

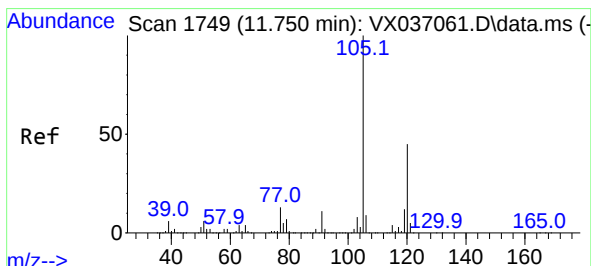
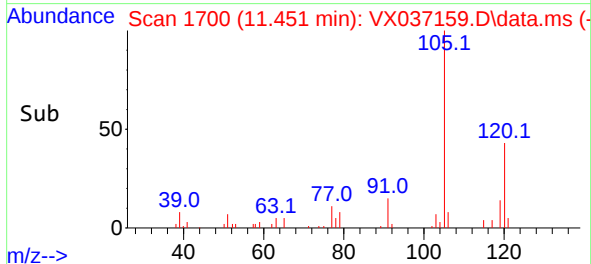
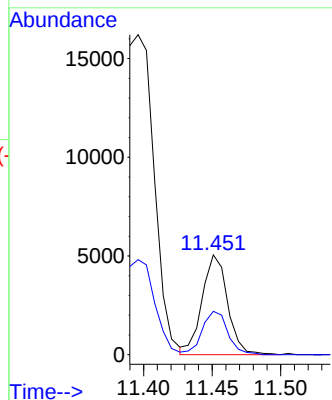
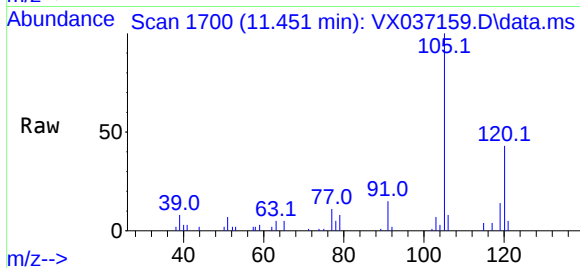




#80
1,3,5-Trimethylbenzene
Concen: 2.584 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z84-85DL

Tgt Ion:105 Resp: 6568
Ion Ratio Lower Upper
105 100
120 43.6 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 9.849 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037159.D
Acq: 22 Aug 2023 18:11

Tgt Ion:105 Resp: 25297
Ion Ratio Lower Upper
105 100
120 44.6 21.2 63.6

