

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036746.D
 Acq On : 01 Aug 2023 14:13
 Operator : JC/MD
 Sample : 03843-01 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1935

Quant Time: Aug 02 06:24:34 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)

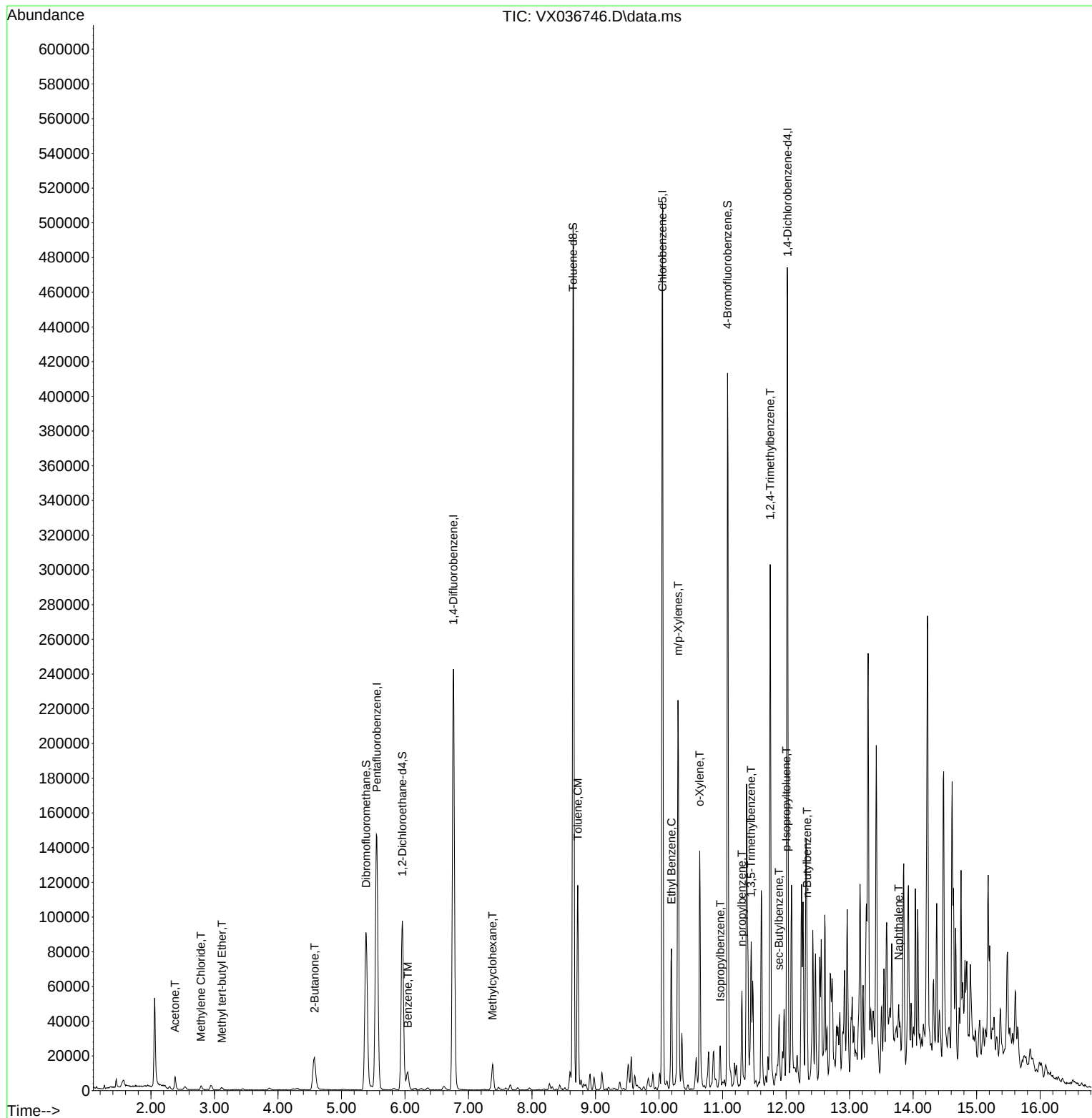
Internal Standards						
1) Pentafluorobenzene	5.556	168	137287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92961	45.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.520%
35) Dibromofluoromethane	5.385	113	80294	46.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.647	98	298094	48.719	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	107271	46.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	7313	8.676	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	1327	0.230	ug/l #	66
20) Methylene Chloride	2.788	84	1083	0.578	ug/l #	86
25) 2-Butanone	4.574	43	4299	3.143	ug/l	99
39) Methylcyclohexane	7.379	83	6299	1.970	ug/l	96
40) Benzene	6.044	78	12178	1.628	ug/l	93
52) Toluene	8.720	92	44870	9.571	ug/l	98
67) Ethyl Benzene	10.195	91	45408	5.027	ug/l	99
68) m/p-Xylenes	10.299	106	51022	15.140	ug/l	100
69) o-Xylene	10.640	106	28681	8.526	ug/l	99
73) Isopropylbenzene	10.964	105	11515	1.440	ug/l	98
78) n-propylbenzene	11.305	91	32963	3.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32577	4.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	125702	18.784	ug/l	96
85) sec-Butylbenzene	11.890	105	16193	1.975	ug/l	95
86) p-Isopropyltoluene	12.006	119	8745	1.296	ug/l	97
89) n-Butylbenzene	12.329	91	25835	4.278	ug/l #	51
95) Naphthalene	13.774	128	17723	2.536	ug/l #	91

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

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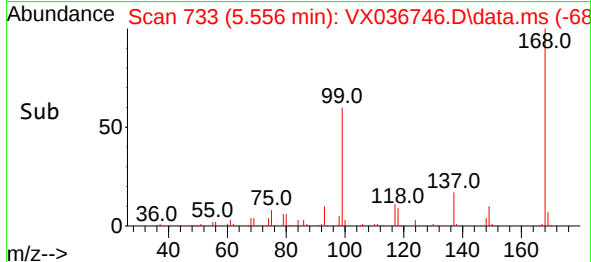
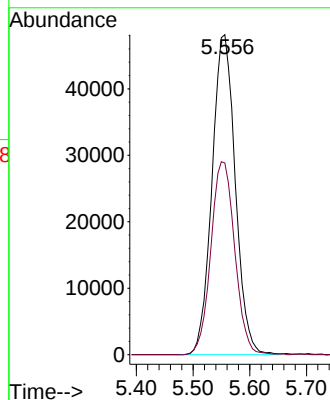
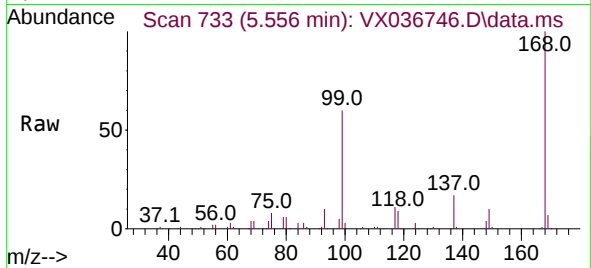




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

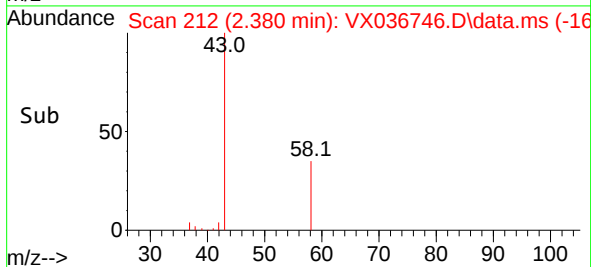
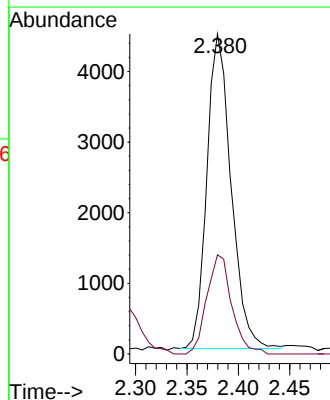
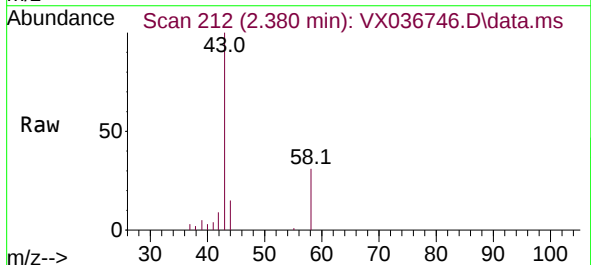
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

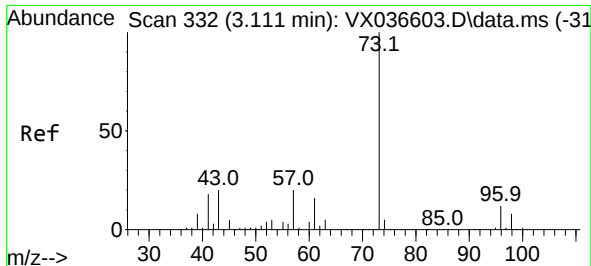
Tgt Ion:168 Resp: 137287
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#16
Acetone
Concen: 8.676 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion: 43 Resp: 7313
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 0.230 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX036746.D

Acq: 01 Aug 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

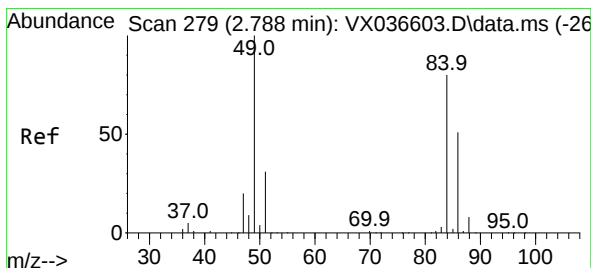
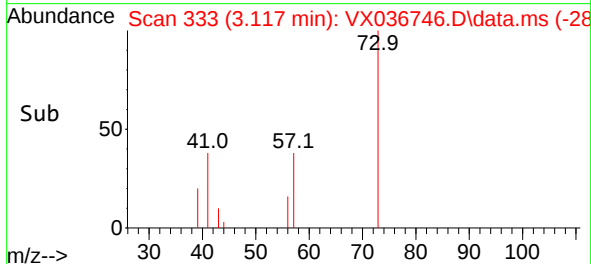
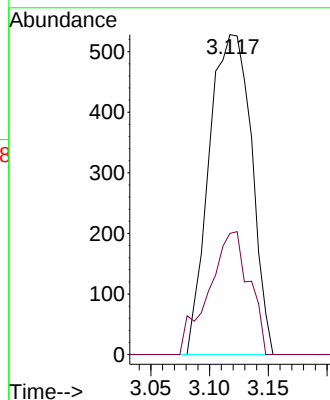
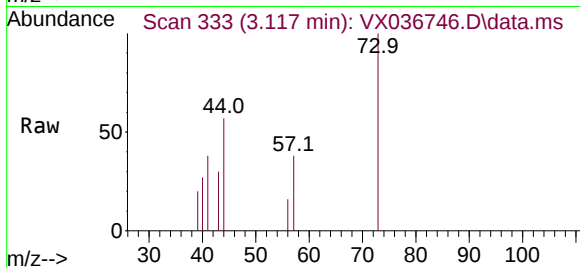
NWB-1935

Tgt Ion: 73 Resp: 1327

Ion Ratio Lower Upper

73 100

57 37.9 17.3 25.9#



#20

Methylene Chloride

Concen: 0.578 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036746.D

Acq: 01 Aug 2023 14:13

Tgt Ion: 84 Resp: 1083

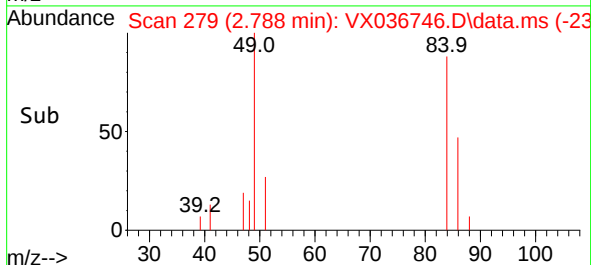
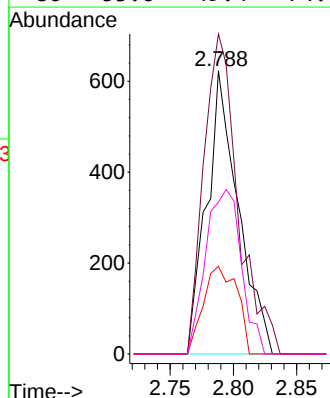
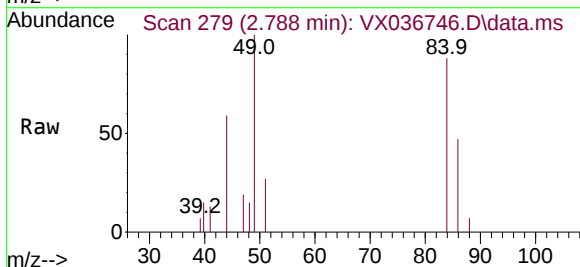
Ion Ratio Lower Upper

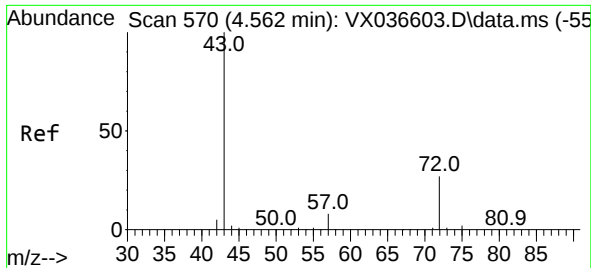
84 100

49 113.0 103.6 155.4

51 31.0 33.8 50.6#

86 53.6 49.4 74.0

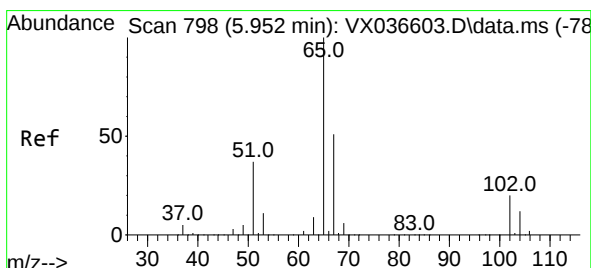
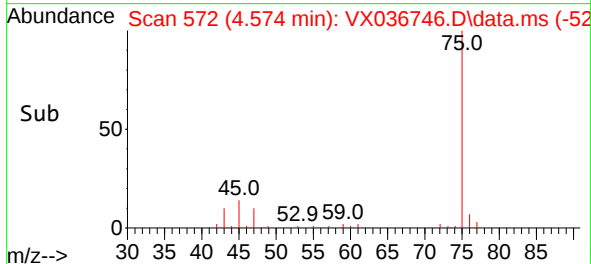
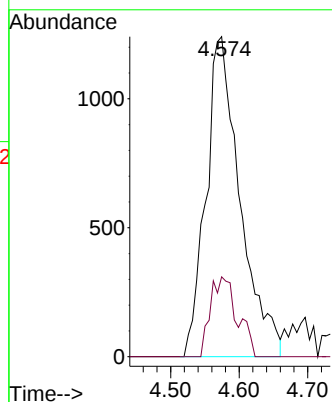
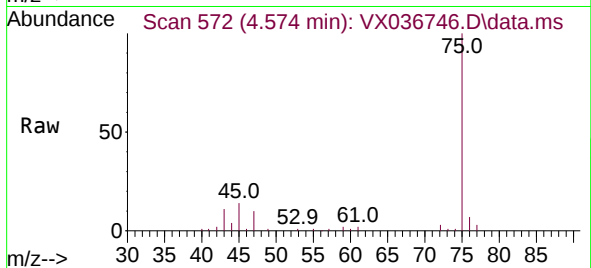




#25
2-Butanone
Concen: 3.143 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

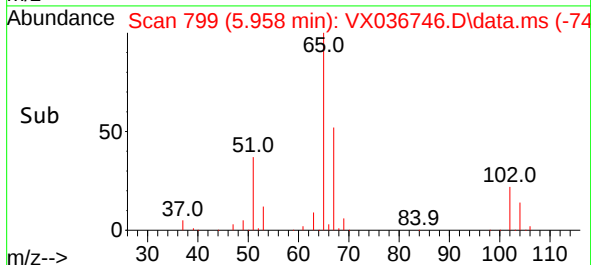
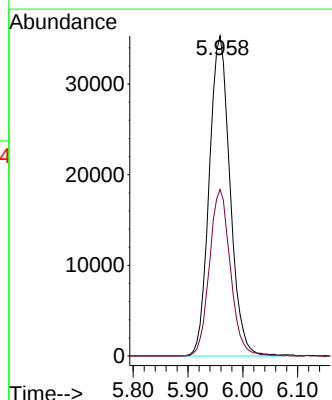
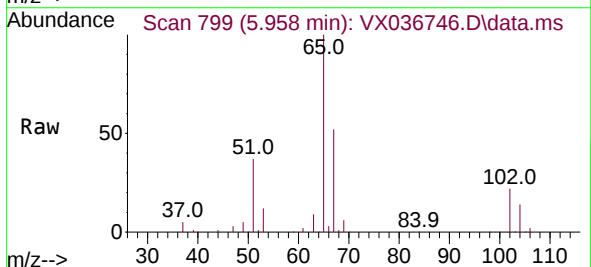
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

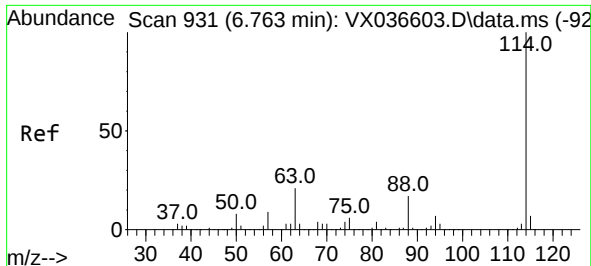
Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.763 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion: 65 Resp: 92961
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

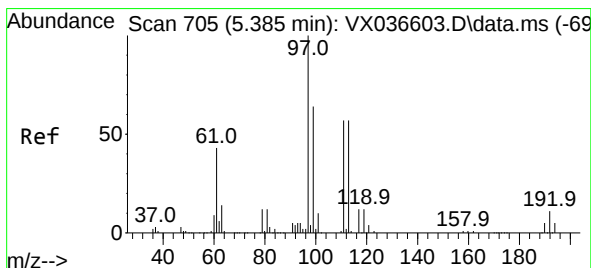
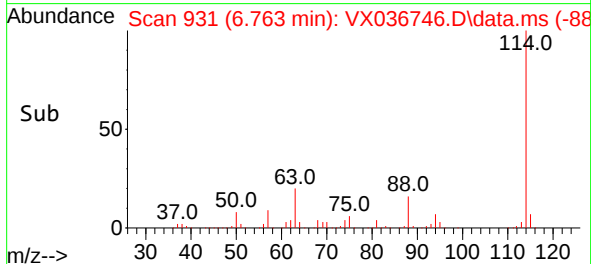
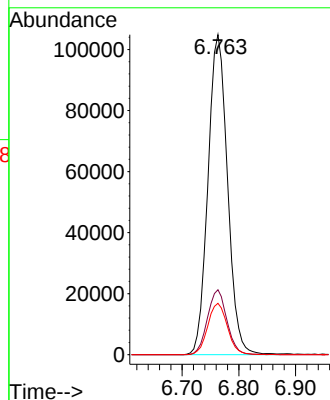
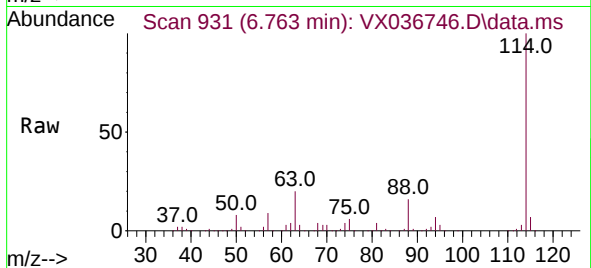




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

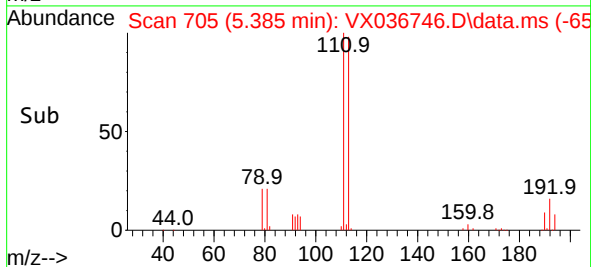
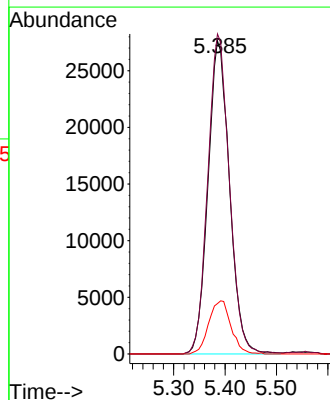
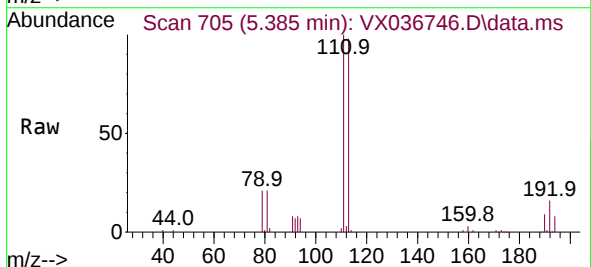
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

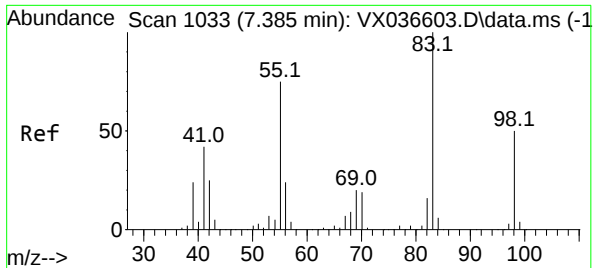
Tgt Ion:114 Resp: 251021
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion:113 Resp: 80294
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.6 13.3 19.9





#39

Methylcyclohexane

Concen: 1.970 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036746.D

Acq: 01 Aug 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

NWB-1935

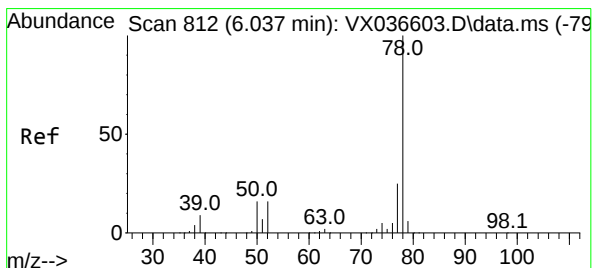
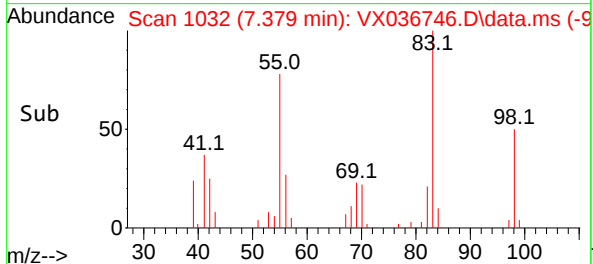
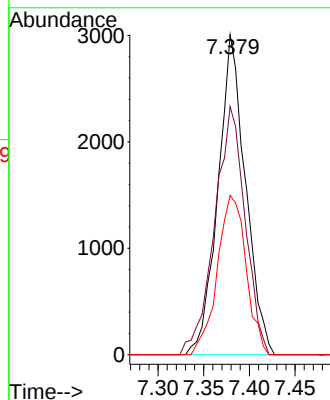
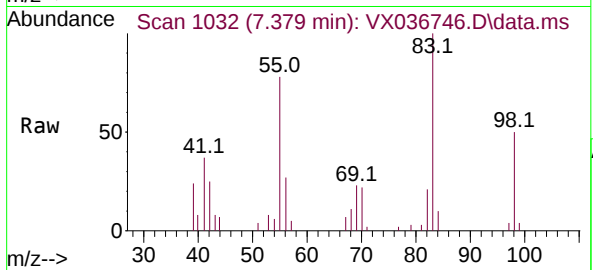
Tgt Ion: 83 Resp: 6299

Ion Ratio Lower Upper

83 100

55 77.5 64.6 97.0

98 49.7 36.7 55.1



#40

Benzene

Concen: 1.628 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX036746.D

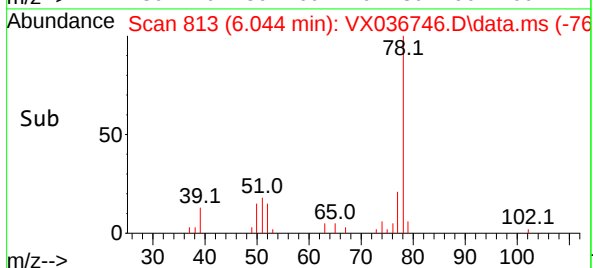
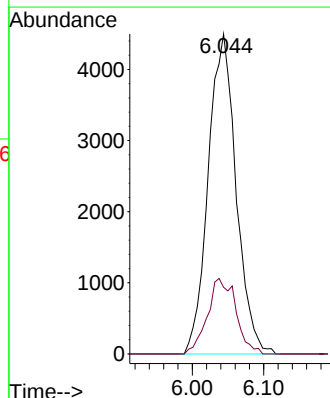
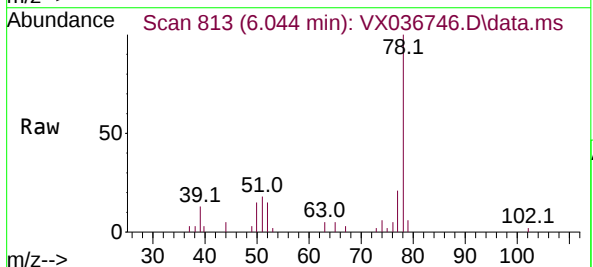
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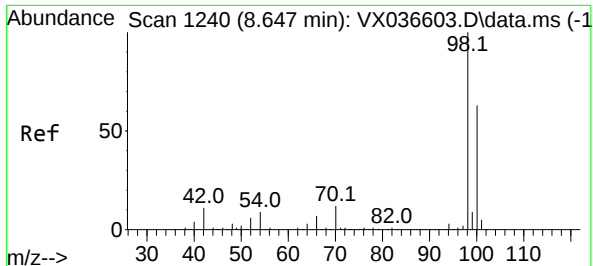
Tgt Ion: 78 Resp: 12178

Ion Ratio Lower Upper

78 100

77 20.8 19.3 28.9





#50

Toluene-d8

Concen: 48.719 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036746.D

Acq: 01 Aug 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

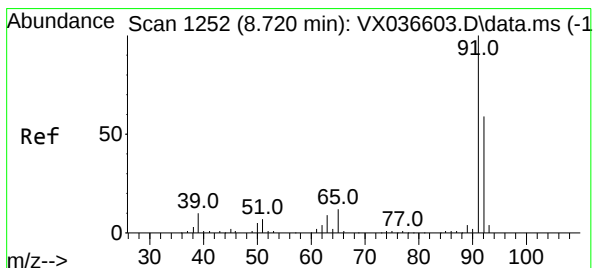
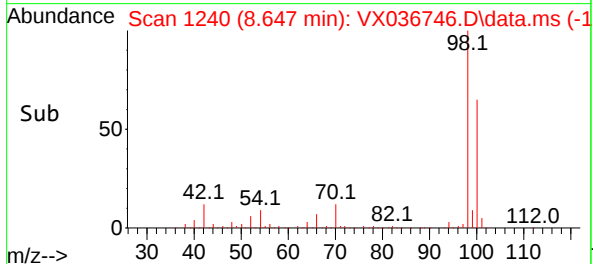
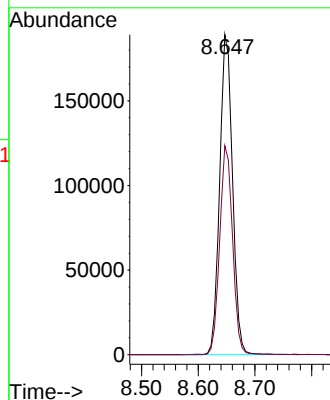
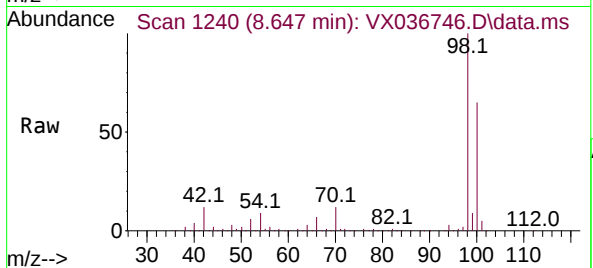
NWB-1935

Tgt Ion: 98 Resp: 298094

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#52

Toluene

Concen: 9.571 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036746.D

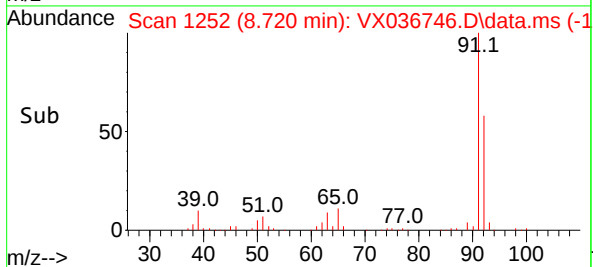
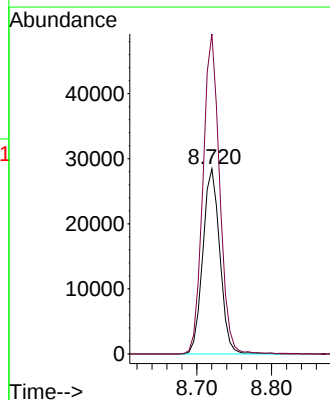
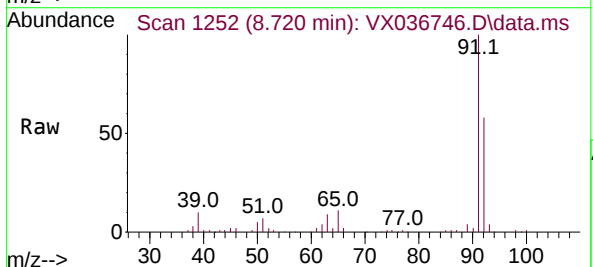
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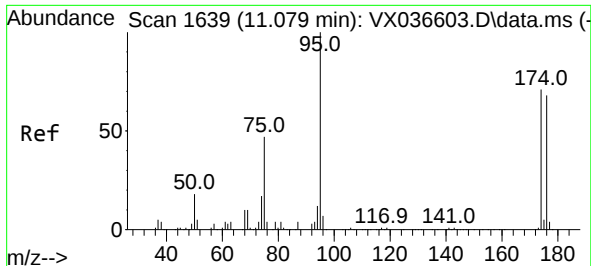
Tgt Ion: 92 Resp: 44870

Ion Ratio Lower Upper

92 100

91 169.9 134.2 201.2

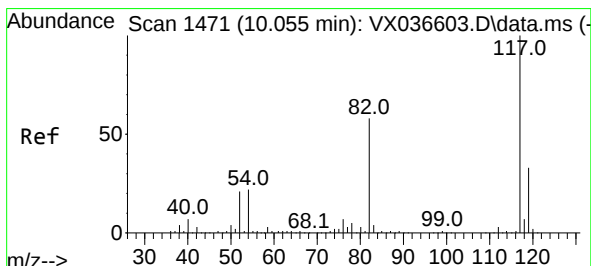
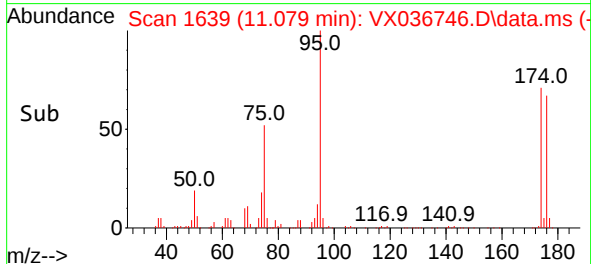
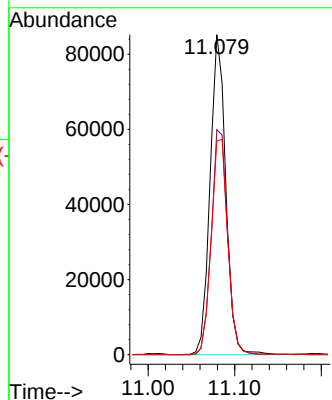
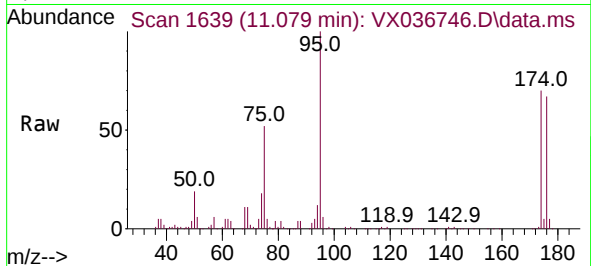




#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

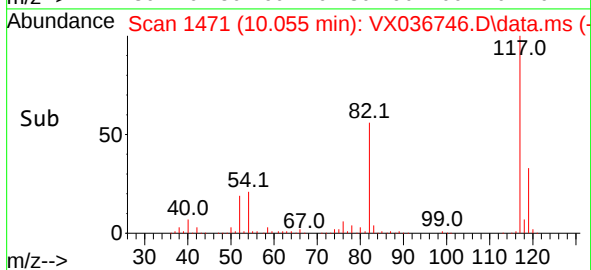
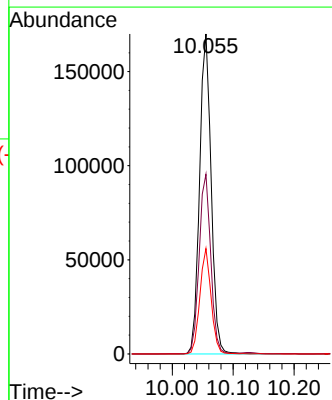
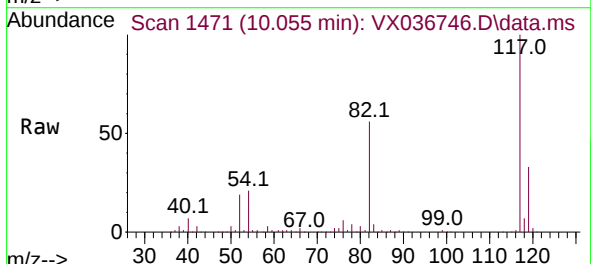
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

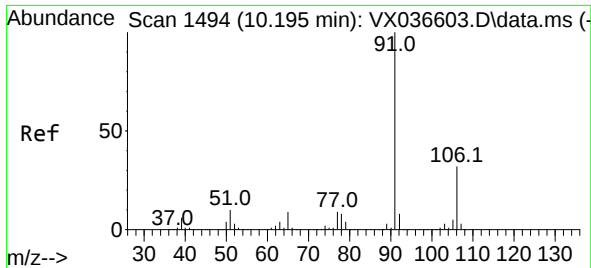
Tgt Ion: 95 Resp: 107271
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion: 117 Resp: 224305
Ion Ratio Lower Upper
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82 56.1 46.2 69.4
119 32.9 25.5 38.3

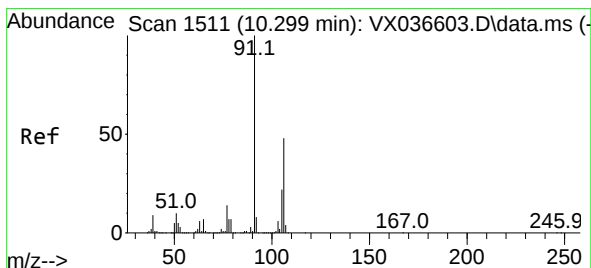
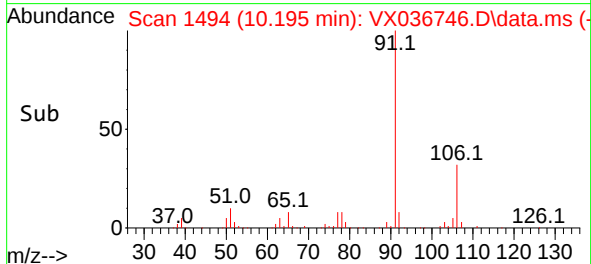
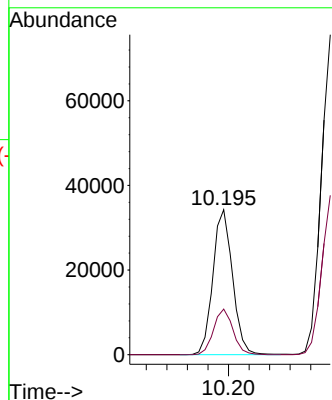
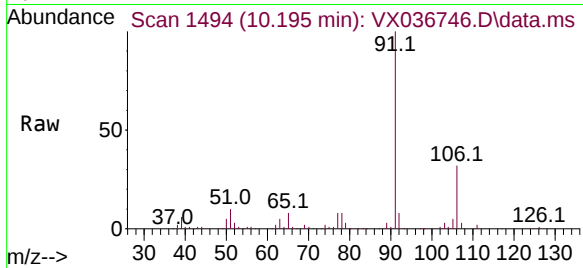




#67
Ethyl Benzene
Concen: 5.027 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

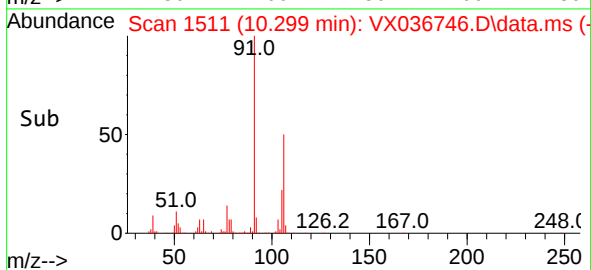
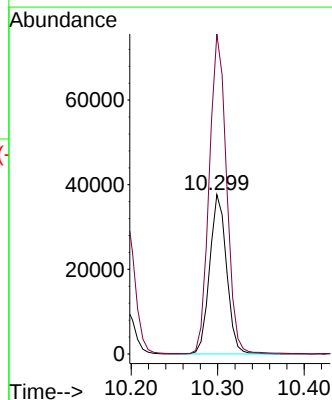
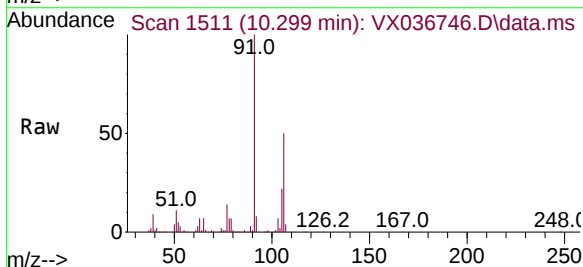
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

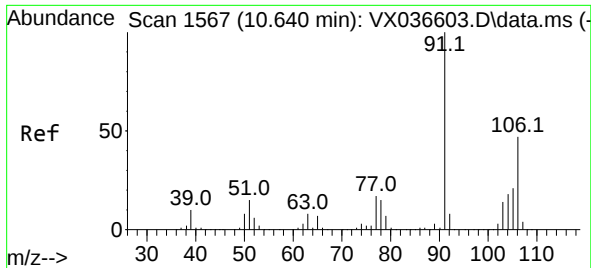
Tgt Ion: 91 Resp: 45408
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 15.140 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion: 106 Resp: 51022
Ion Ratio Lower Upper
106 100
91 206.2 165.5 248.3

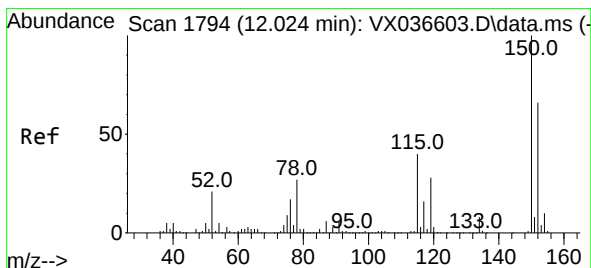
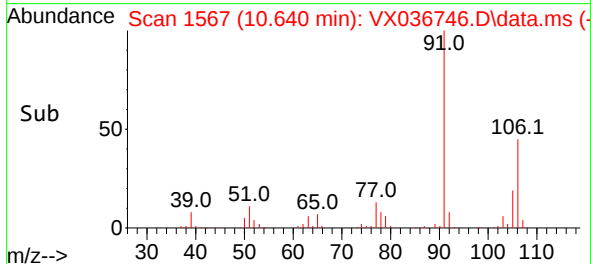
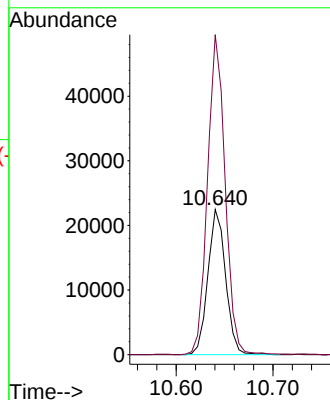
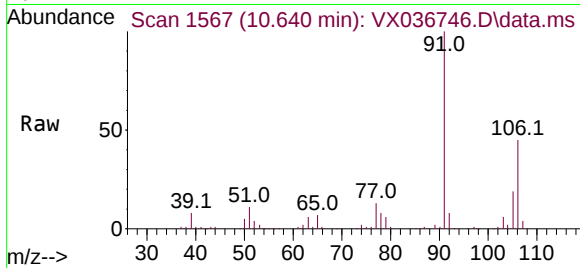




#69
o-Xylene
Concen: 8.526 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

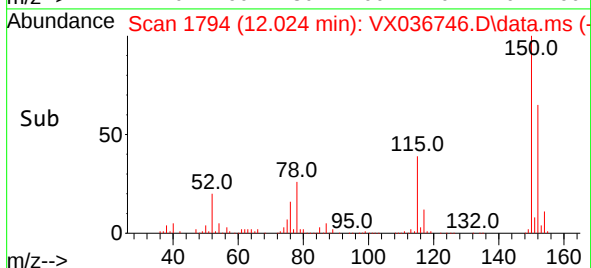
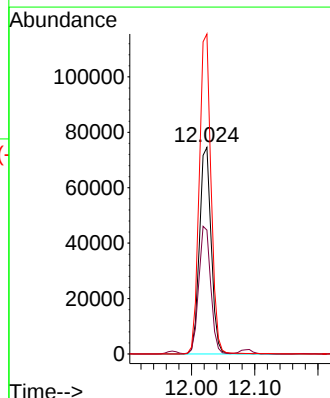
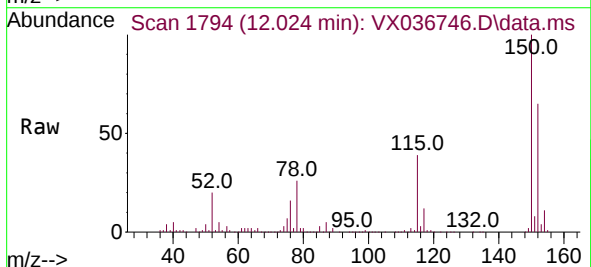
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

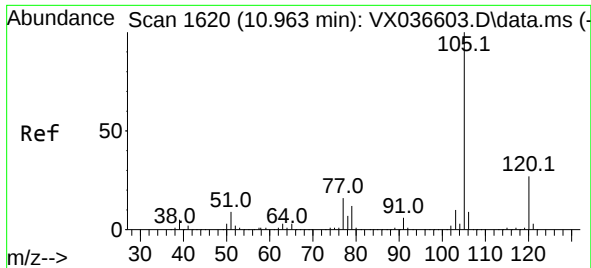
Tgt Ion:106 Resp: 28681
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion:152 Resp: 96652
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 155.2 0.0 345.0

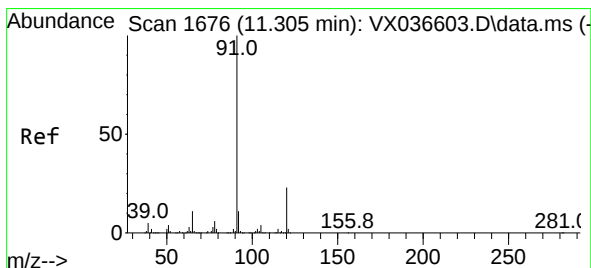
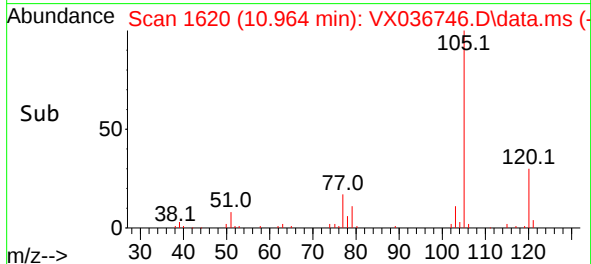
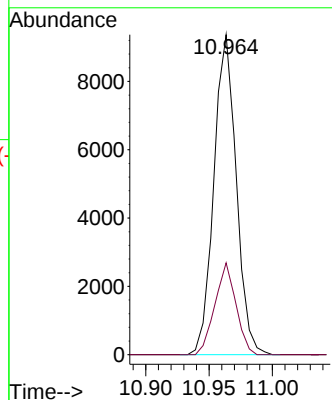
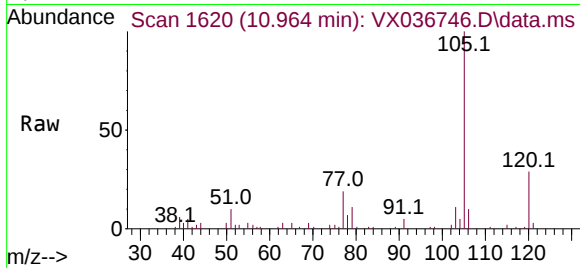




#73
Isopropylbenzene
Concen: 1.440 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

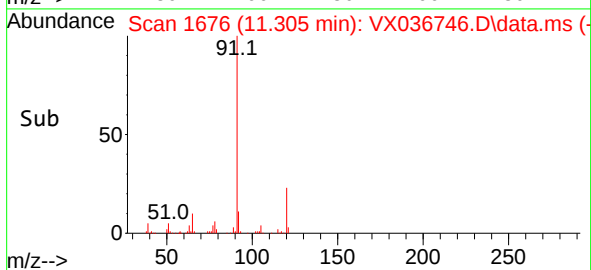
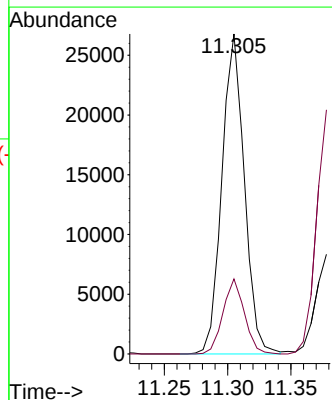
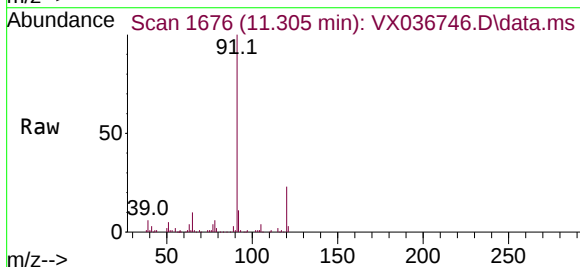
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

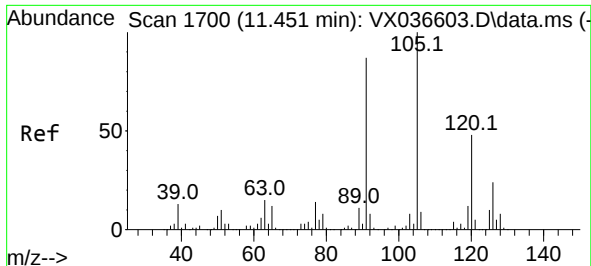
Tgt Ion:105 Resp: 11515
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6



#78
n-propylbenzene
Concen: 3.563 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion: 91 Resp: 32963
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

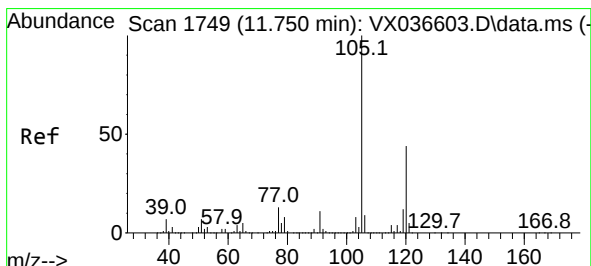
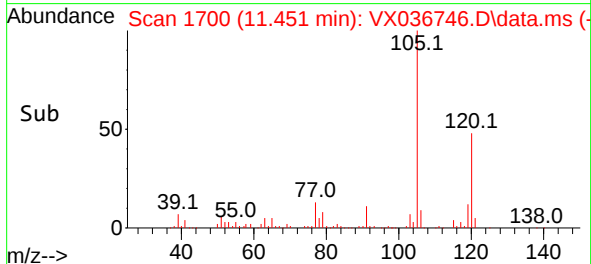
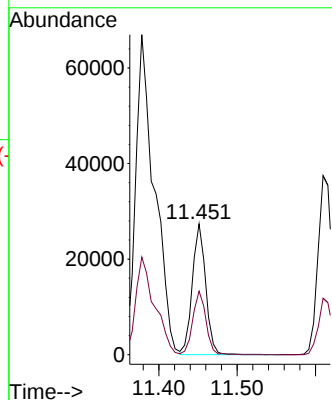
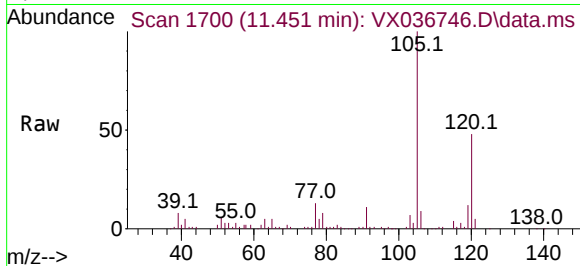




#80
1,3,5-Trimethylbenzene
Concen: 4.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

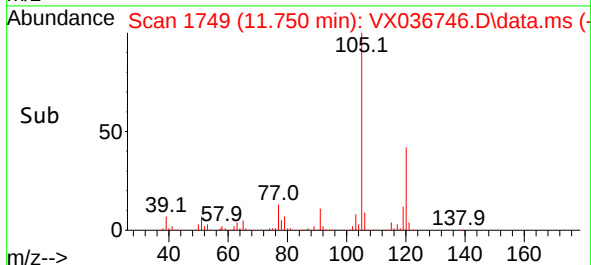
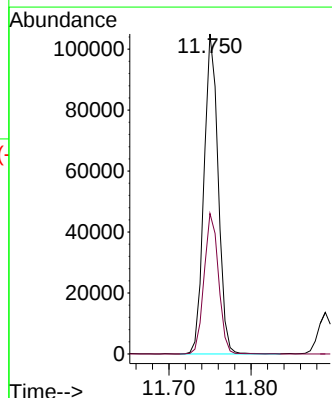
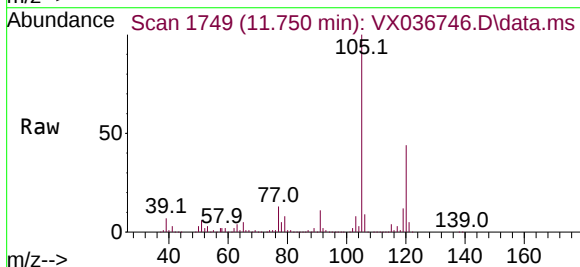
Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

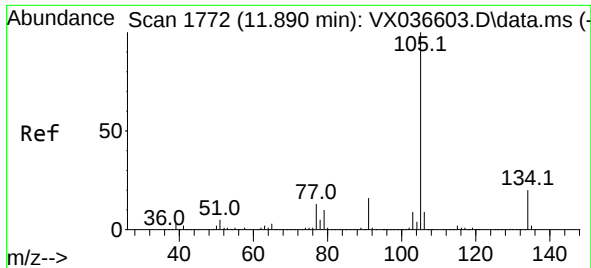
Tgt Ion:105 Resp: 32577
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 18.784 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion:105 Resp: 125702
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6

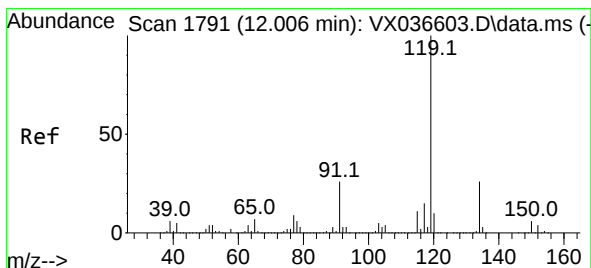
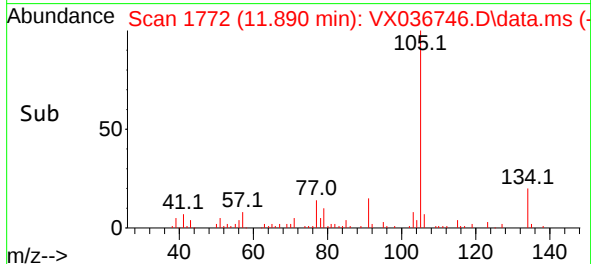
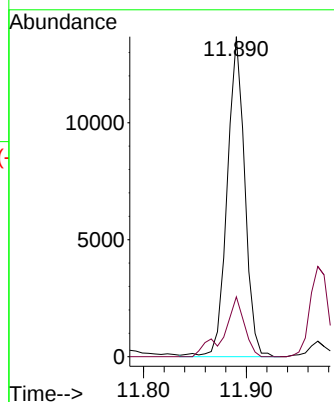
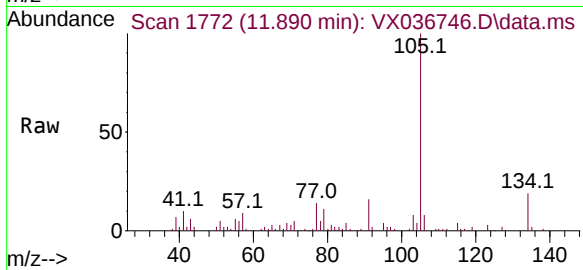




#85
 sec-Butylbenzene
 Concen: 1.975 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036746.D
 Acq: 01 Aug 2023 14:13

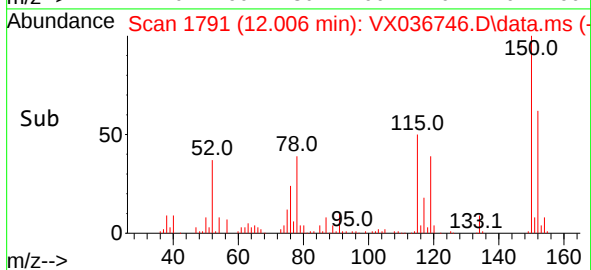
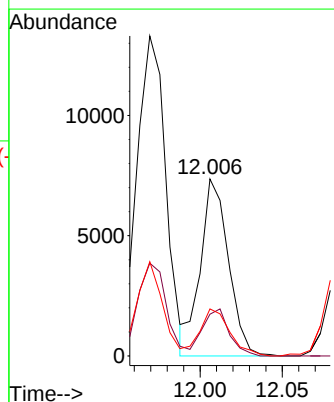
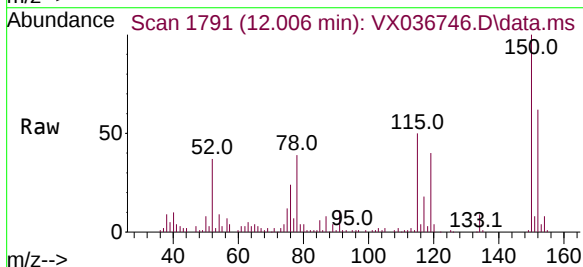
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1935

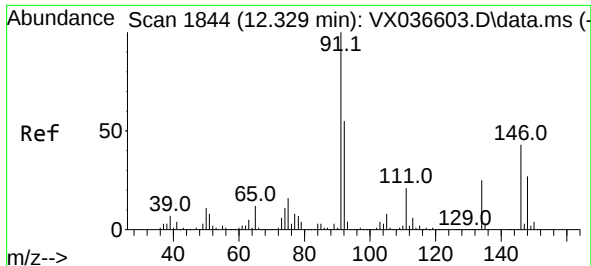
Tgt Ion:105 Resp: 16193
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 1.296 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036746.D
 Acq: 01 Aug 2023 14:13

Tgt Ion:119 Resp: 8745
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 28.4 13.1 39.3

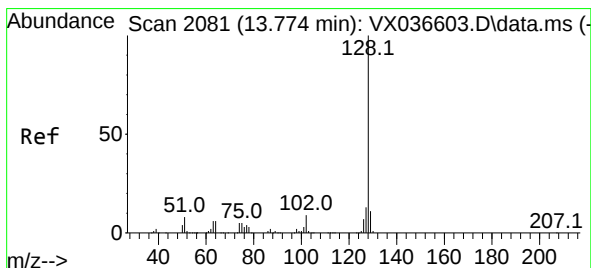
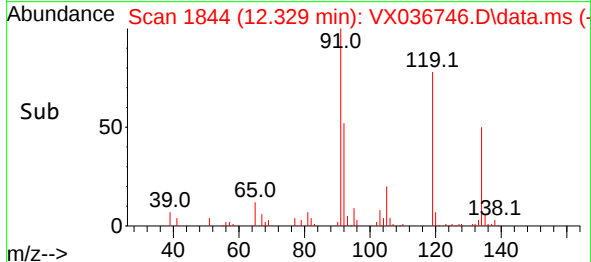
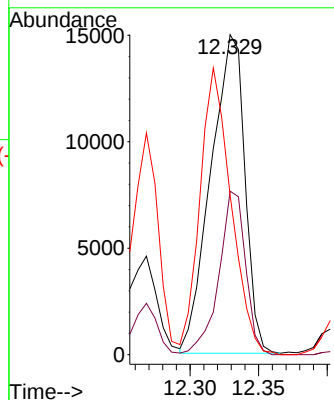
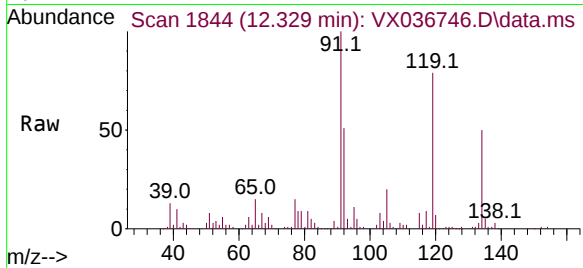




#89
n-Butylbenzene
Concen: 4.278 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
NWB-1935

Tgt Ion: 91 Resp: 25835
Ion Ratio Lower Upper
91 100
92 40.3 27.4 82.0
134 81.9 12.6 37.8#



#95
Naphthalene
Concen: 2.536 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036746.D
Acq: 01 Aug 2023 14:13

Tgt Ion:128 Resp: 17723
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 18.2 8.8 13.2#

