

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032682.D
 Acq On : 09 Nov 2022 16:15
 Operator : JC/MD
 Sample : N5500-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1851

Quant Time: Nov 10 03:05:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

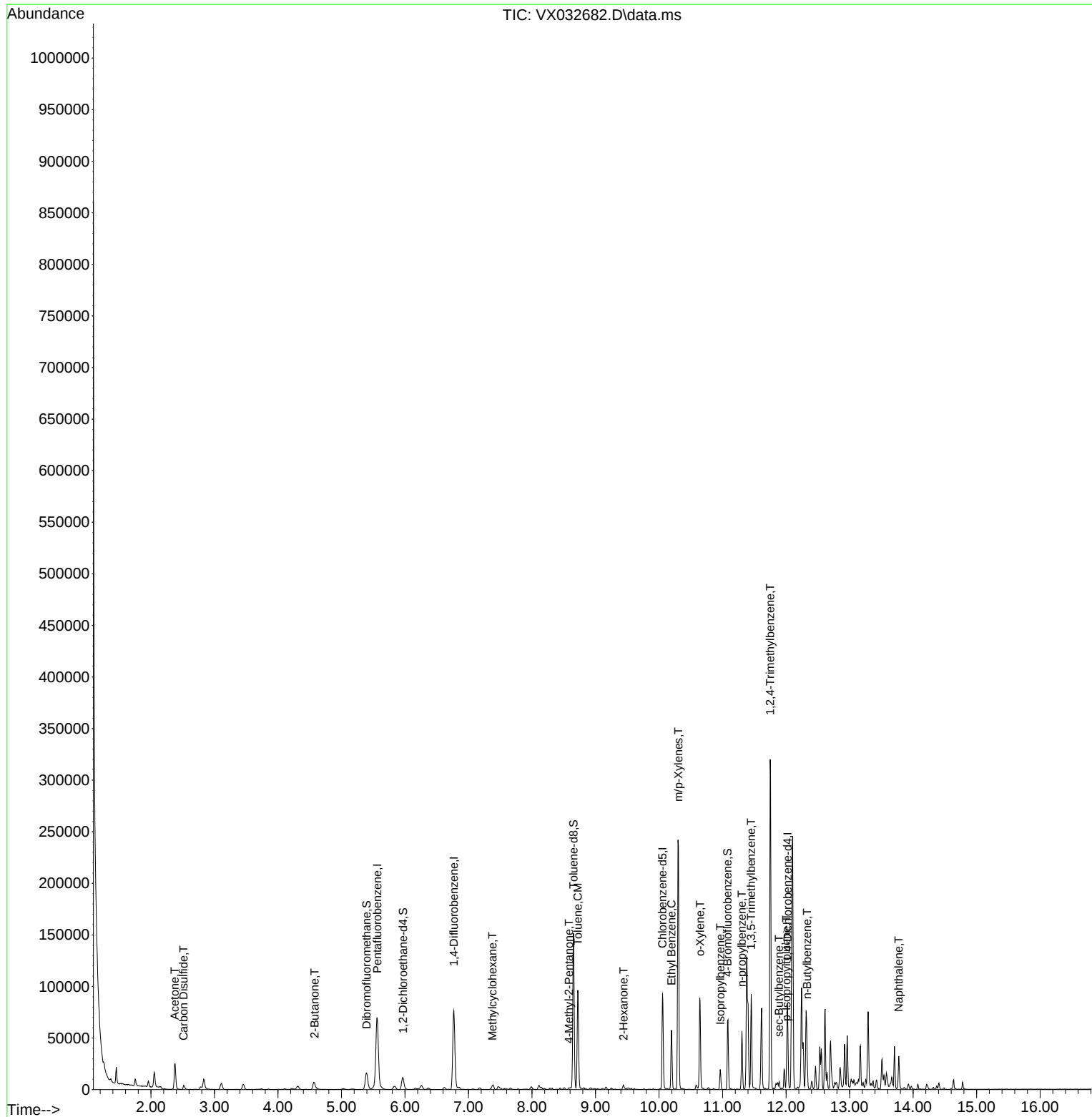
Internal Standards						
1) Pentafluorobenzene	5.562	168	66832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	78329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	41373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	16176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	11985	12.906	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	25.820%#
35) Dibromofluoromethane	5.397	113	14108	25.250	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	50.500%#
50) Toluene-d8	8.653	98	87234	44.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.800%#
62) 4-Bromofluorobenzene	11.079	95	17597	23.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	46.380%#
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	28667	84.937	ug/l	96
17) Carbon Disulfide	2.514	76	4580	2.869	ug/l #	94
25) 2-Butanone	4.574	43	13503	25.824	ug/l	96
39) Methylcyclohexane	7.379	83	1950	2.118	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	1036	1.323	ug/l	88
52) Toluene	8.720	92	36452	25.376	ug/l	100
59) 2-Hexanone	9.439	43	2571	4.424	ug/l	86
67) Ethyl Benzene	10.195	91	31515	19.016	ug/l	99
68) m/p-Xylenes	10.305	106	56484	87.771	ug/l	100
69) o-Xylene	10.646	106	18651	29.808	ug/l	95
73) Isopropylbenzene	10.963	105	9782	7.631	ug/l	98
78) n-propylbenzene	11.305	91	31067	21.036	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	39263	35.840	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	137731	126.405	ug/l	99
85) sec-Butylbenzene	11.890	105	4191	3.185	ug/l	98
86) p-Isopropyltoluene	12.006	119	6392	5.724	ug/l	97
89) n-Butylbenzene	12.329	91	13765	14.169	ug/l #	39
95) Naphthalene	13.774	128	19386	15.266	ug/l	99

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

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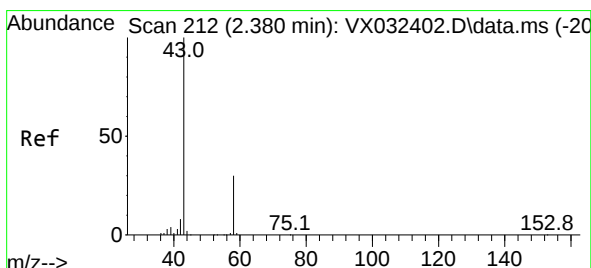
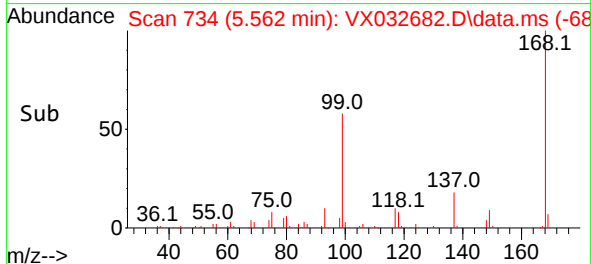
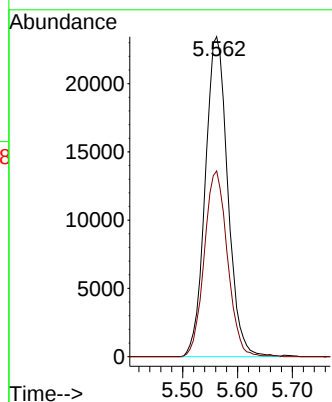
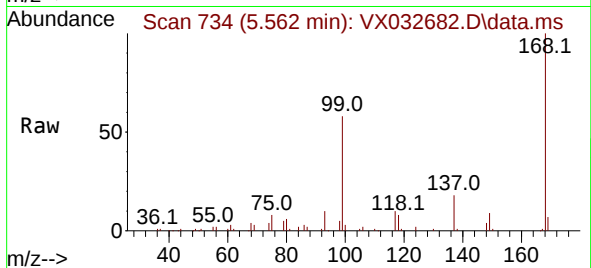




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

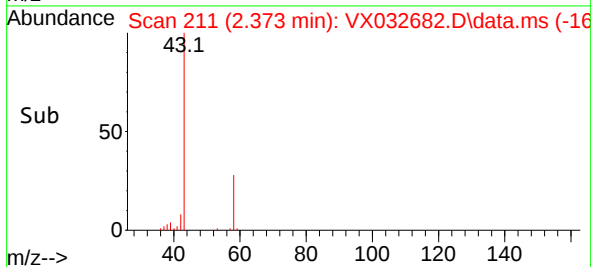
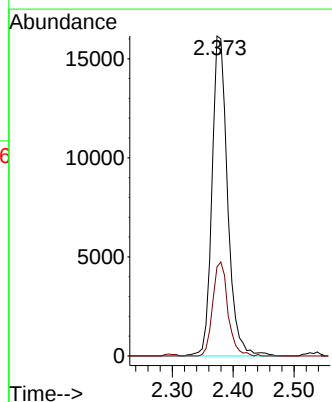
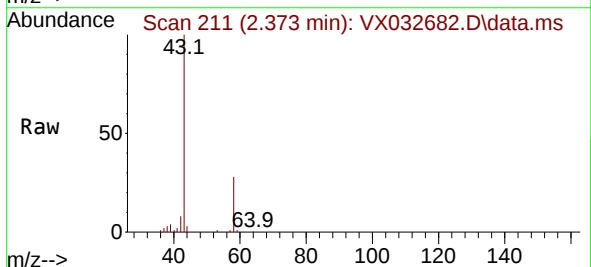
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851

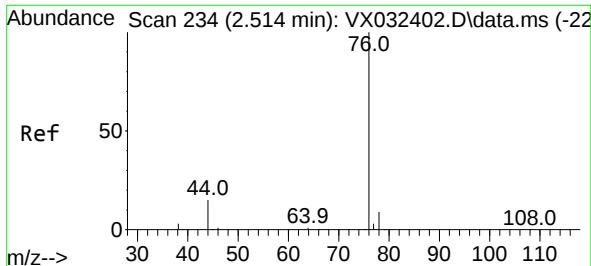
Tgt Ion:168 Resp: 66832
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#16
Acetone
Concen: 84.937 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 43 Resp: 28667
Ion Ratio Lower Upper
43 100
58 27.8 23.8 35.8

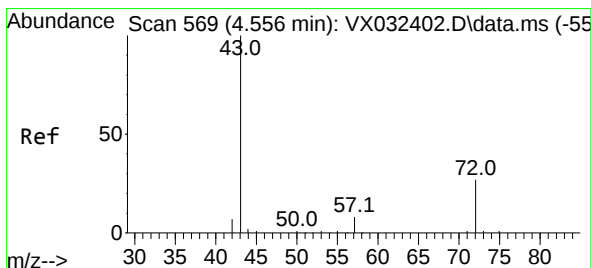
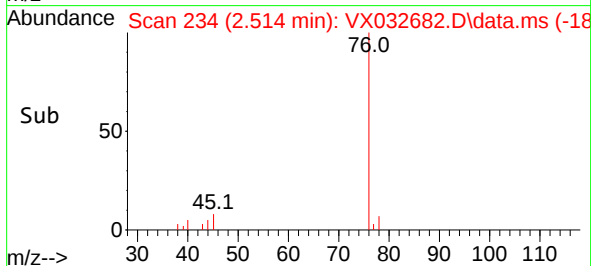
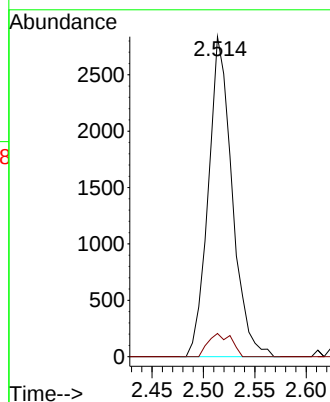
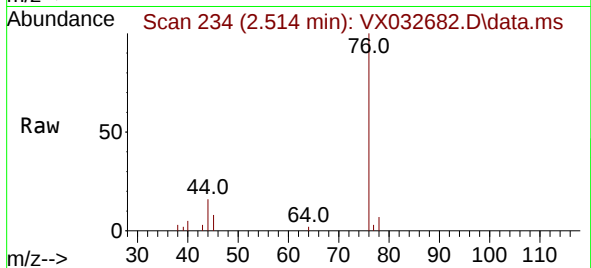




#17
Carbon Disulfide
Concen: 2.869 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

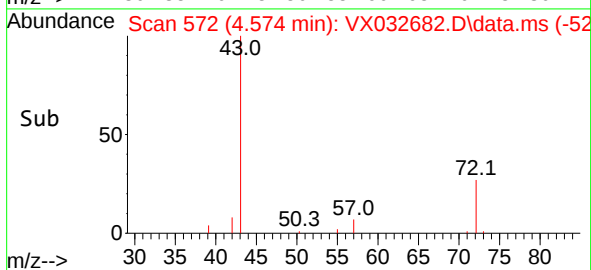
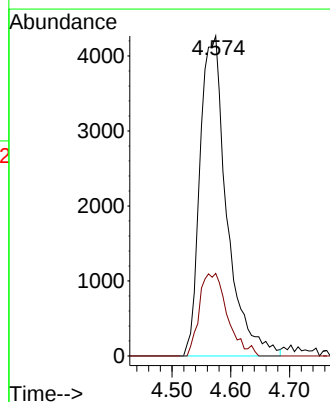
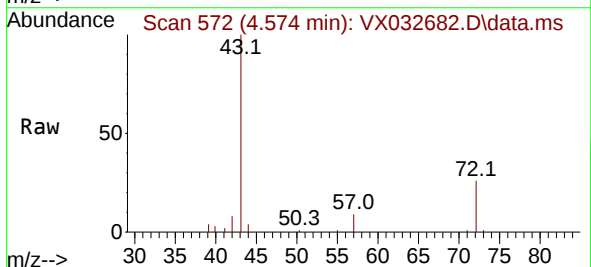
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851

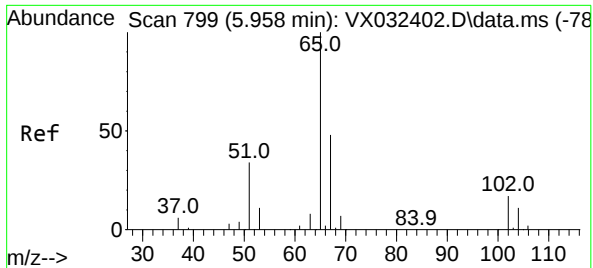
Tgt Ion: 76 Resp: 4580
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#25
2-Butanone
Concen: 25.824 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 43 Resp: 13503
Ion Ratio Lower Upper
43 100
72 25.8 22.2 33.2

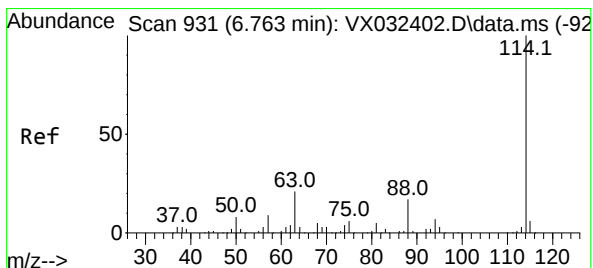
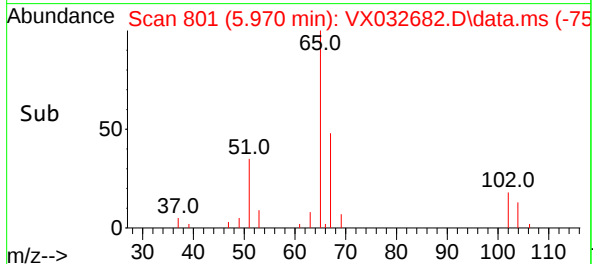
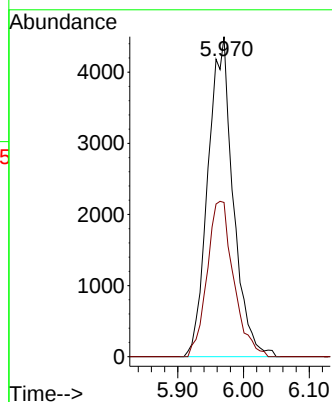
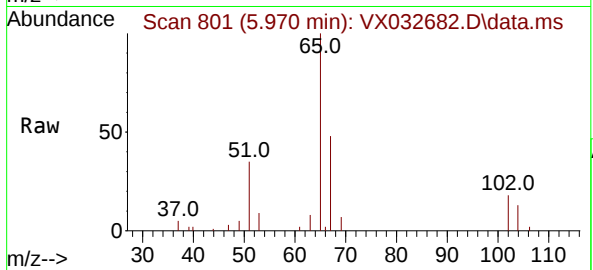




#33
 1,2-Dichloroethane-d4
 Concen: 12.906 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.012 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

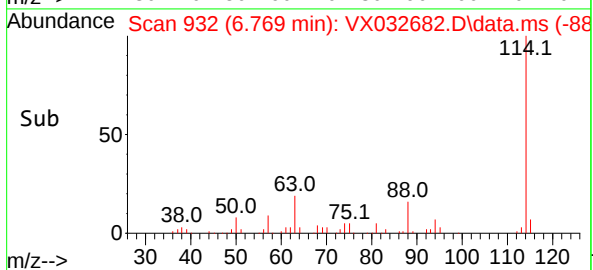
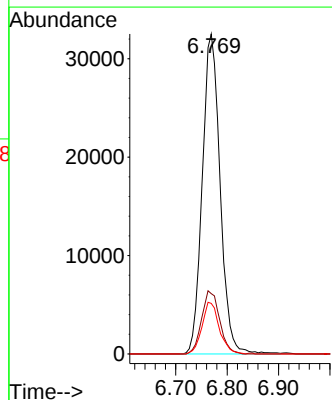
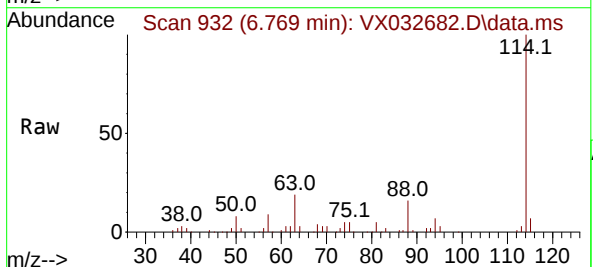
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1851

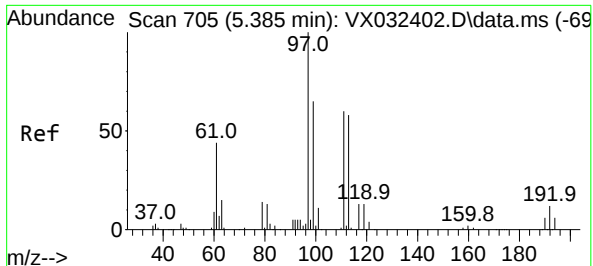
Tgt Ion: 65 Resp: 11985
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

Tgt Ion: 114 Resp: 78329
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.6
 88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 25.250 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX032682.D

Acq: 09 Nov 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

NWB-1851

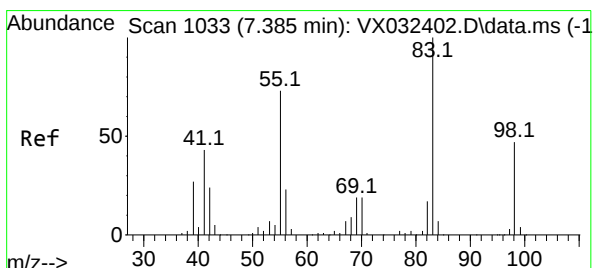
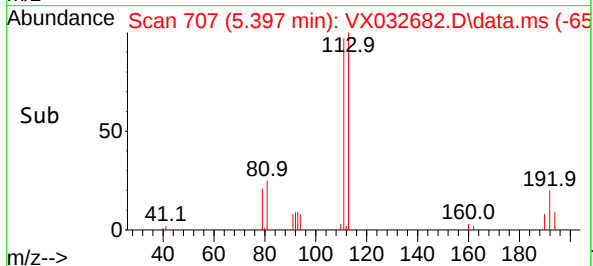
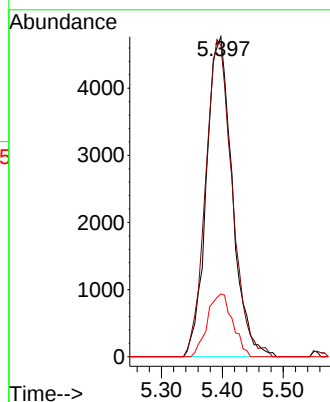
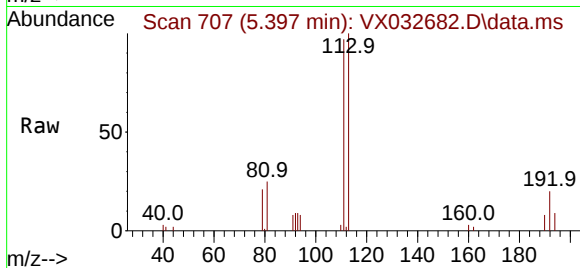
Tgt Ion:113 Resp: 14108

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.0 15.4 23.2



#39

Methylcyclohexane

Concen: 2.118 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032682.D

Acq: 09 Nov 2022 16:15

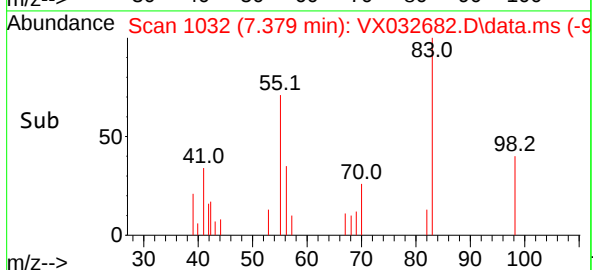
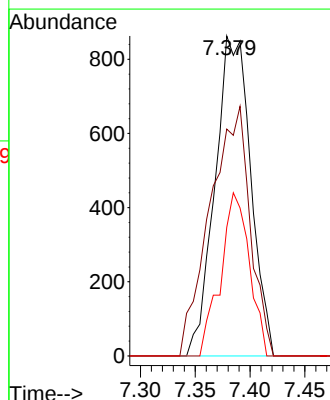
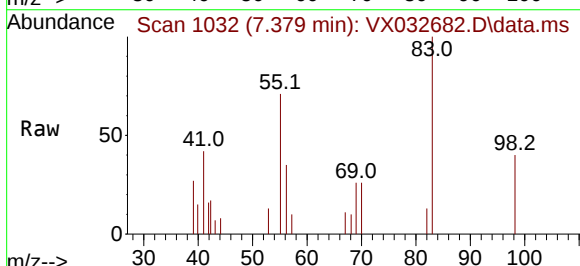
Tgt Ion: 83 Resp: 1950

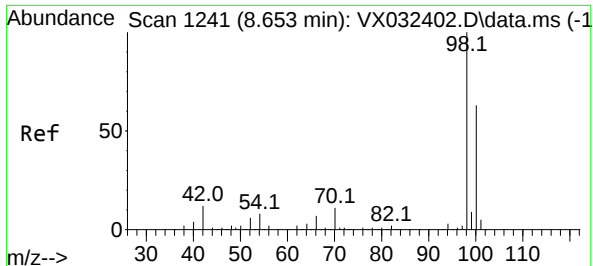
Ion Ratio Lower Upper

83 100

55 70.9 58.4 87.6

98 40.2 37.2 55.8

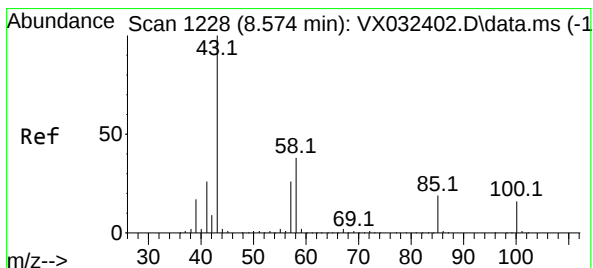
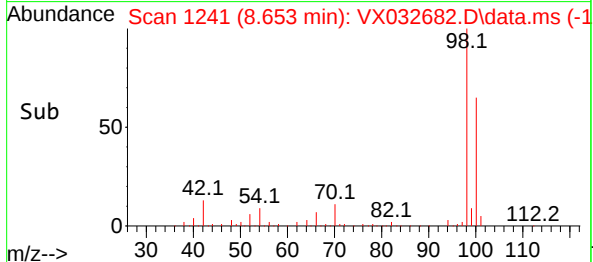
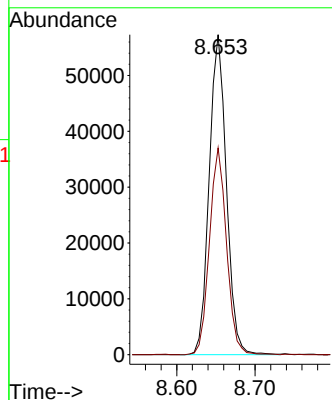
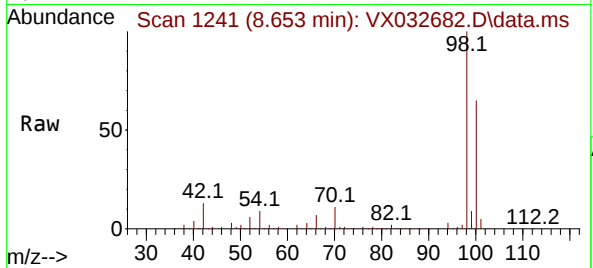




#50
Toluene-d8
Concen: 44.901 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

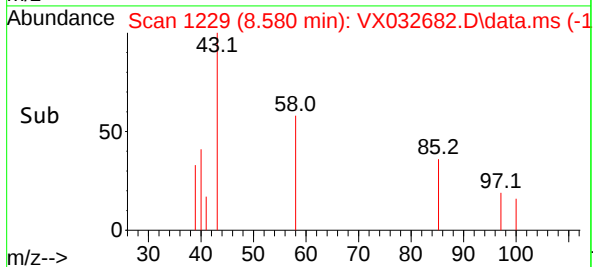
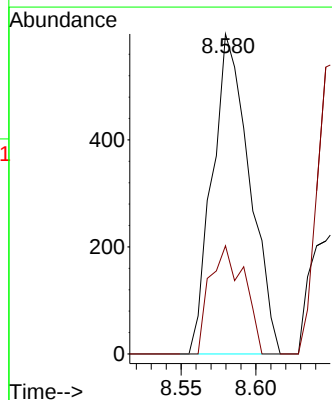
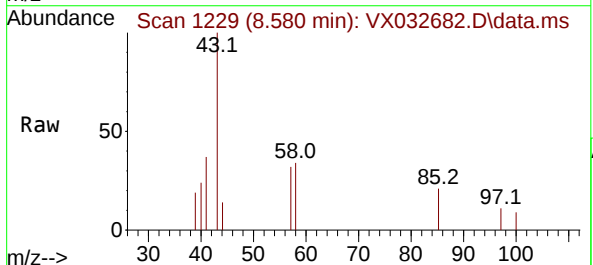
Instrument :
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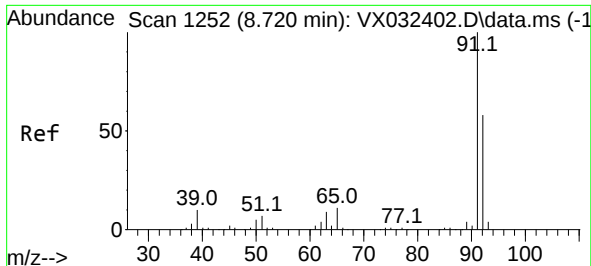
Tgt Ion: 98 Resp: 87234
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.323 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 31.2 30.9 46.3

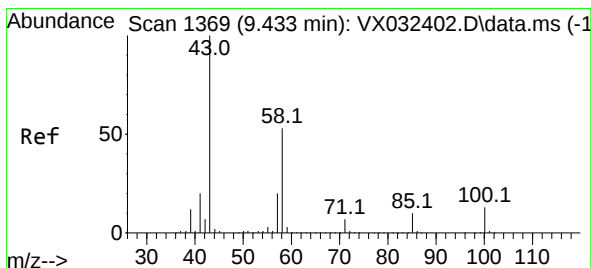
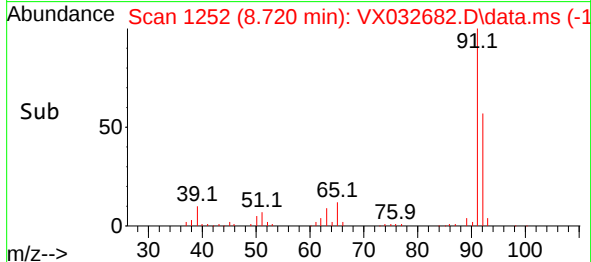
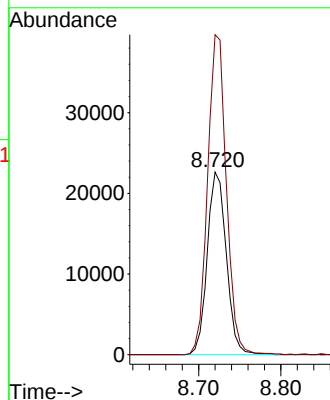
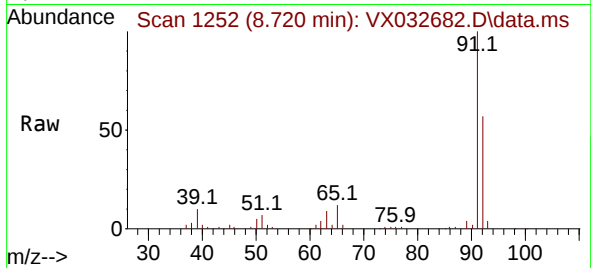




#52
Toluene
Concen: 25.376 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

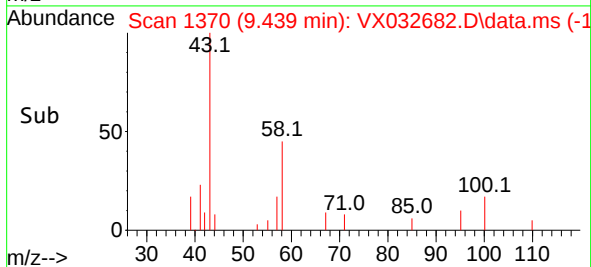
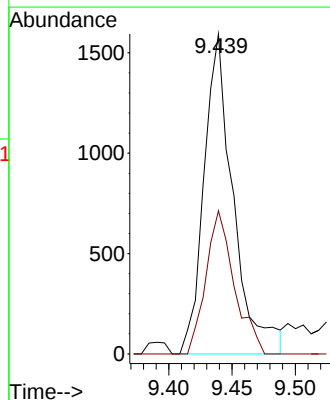
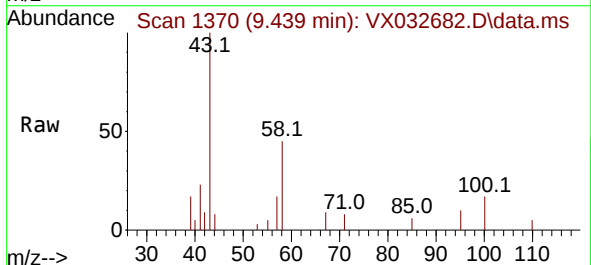
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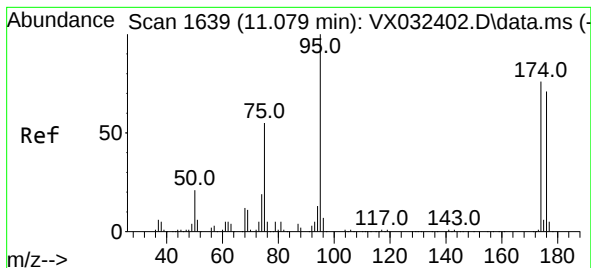
Tgt Ion: 92 Resp: 36452
Ion Ratio Lower Upper
92 100
91 172.6 138.3 207.5



#59
2-Hexanone
Concen: 4.424 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
58 43.1 26.5 79.5

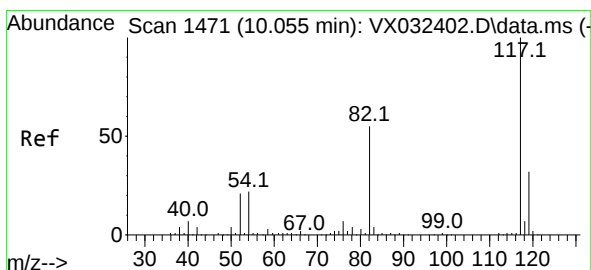
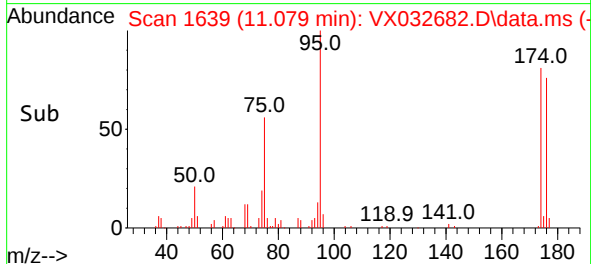
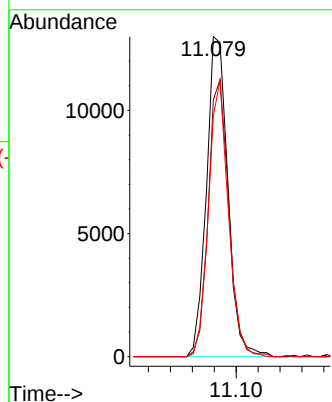
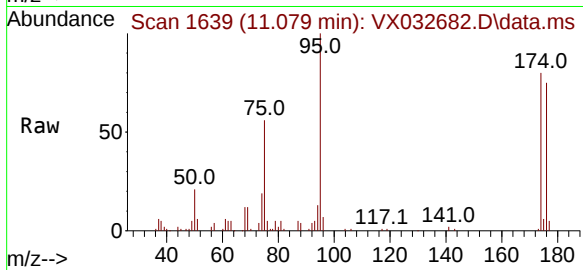




#62
4-Bromofluorobenzene
Concen: 23.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

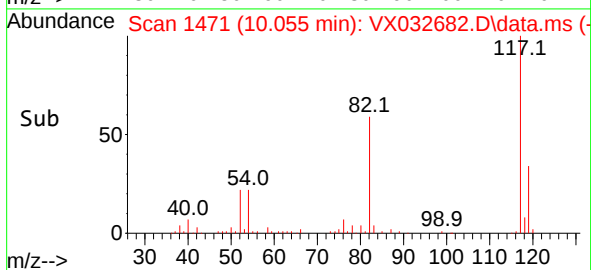
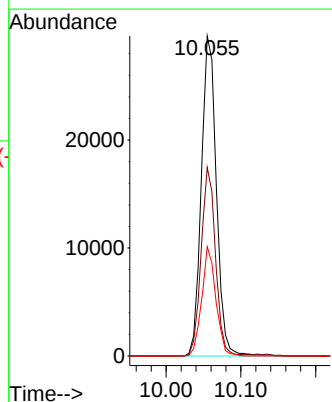
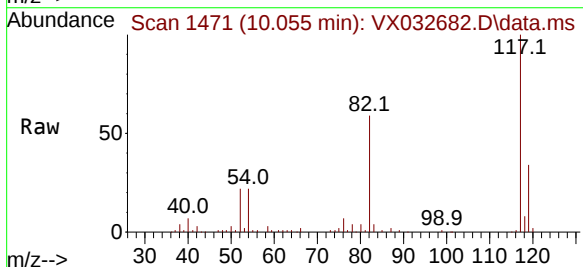
Instrument :
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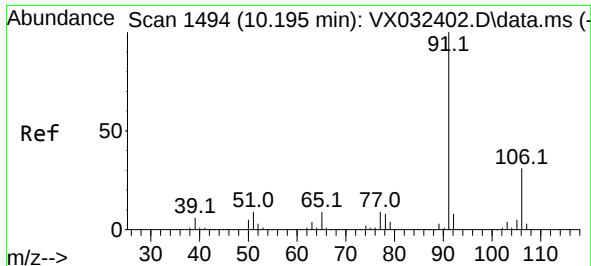
Tgt Ion: 95 Resp: 17597
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 117 Resp: 41373
Ion Ratio Lower Upper
117 100
82 58.9 44.3 66.5
119 34.1 25.7 38.5

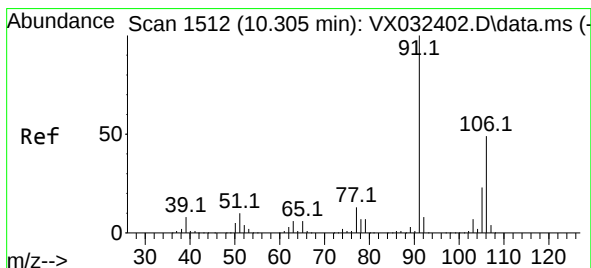
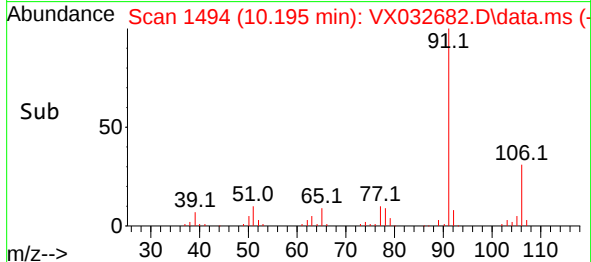
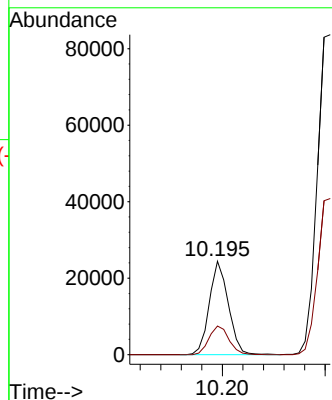
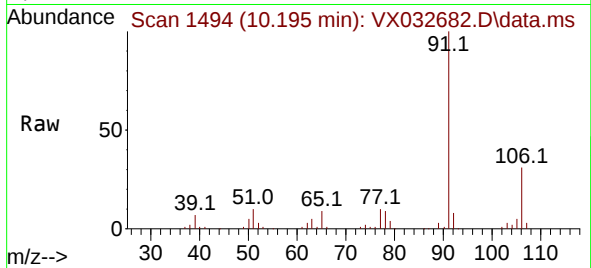




#67
Ethyl Benzene
Concen: 19.016 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

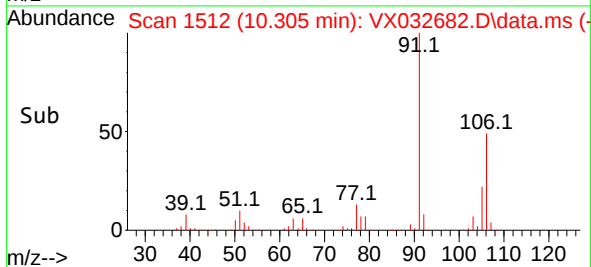
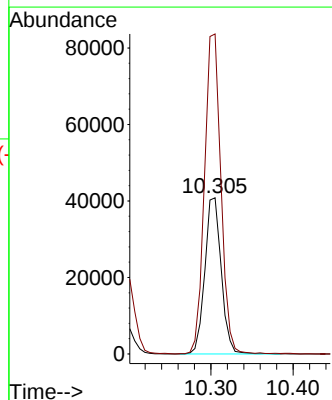
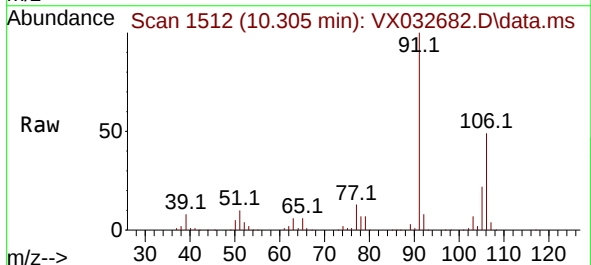
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851

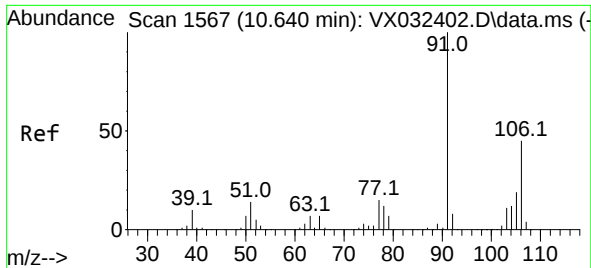
Tgt Ion: 91 Resp: 31515
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 87.771 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 106 Resp: 56484
Ion Ratio Lower Upper
106 100
91 206.0 164.5 246.7

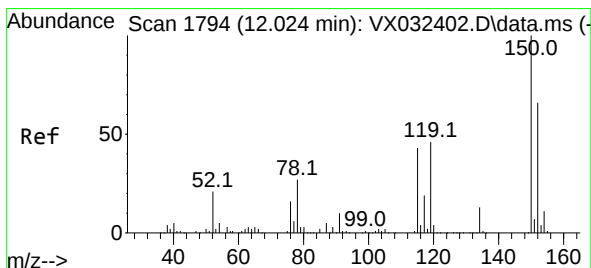
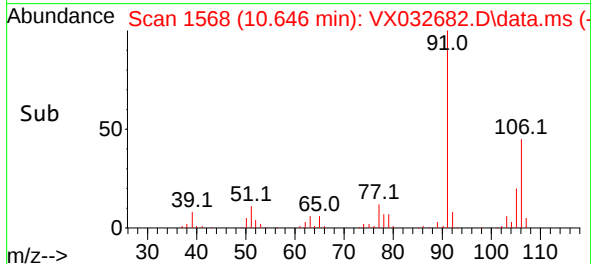
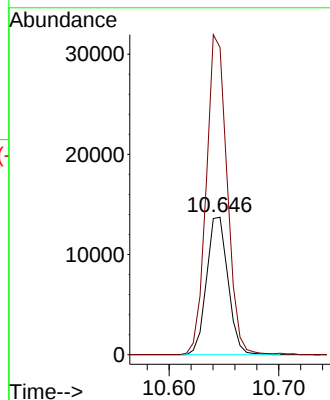
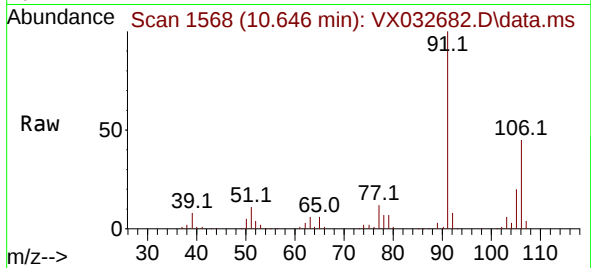




#69
o-Xylene
Concen: 29.808 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

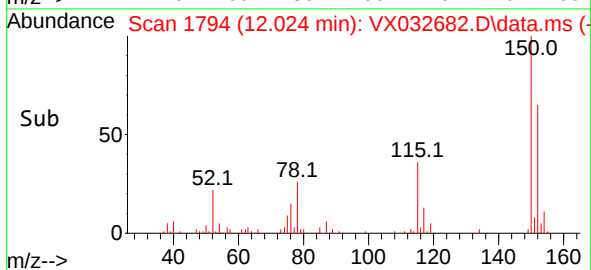
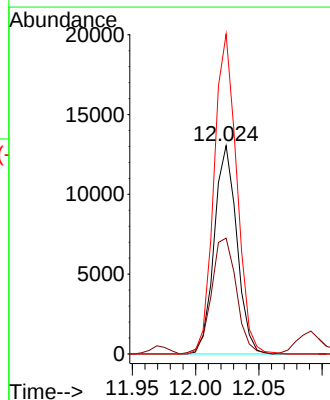
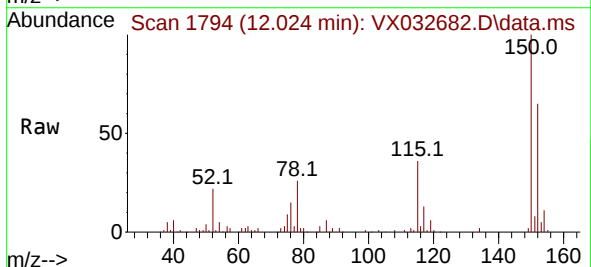
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851

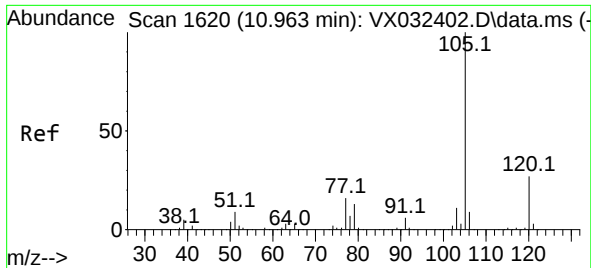
Tgt Ion:106 Resp: 18651
Ion Ratio Lower Upper
106 100
91 226.2 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion:152 Resp: 16176
Ion Ratio Lower Upper
152 100
115 61.6 44.0 132.0
150 154.5 0.0 351.8

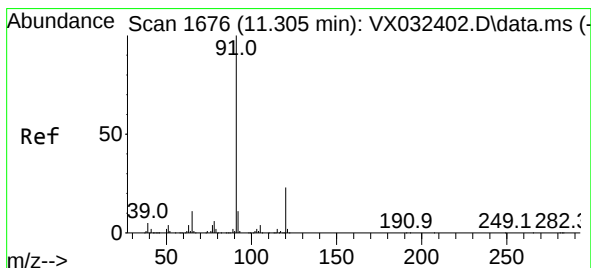
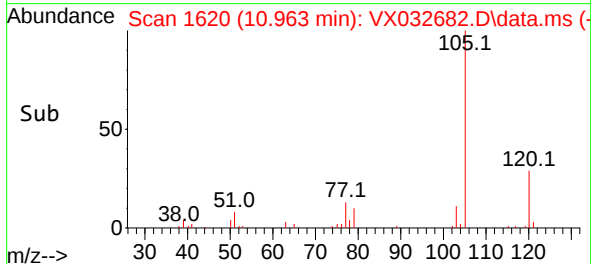
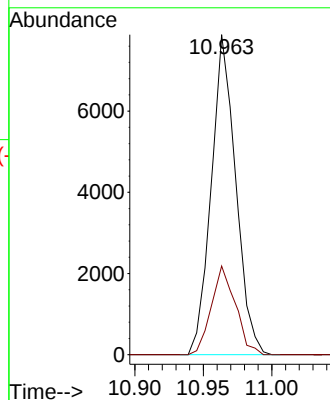
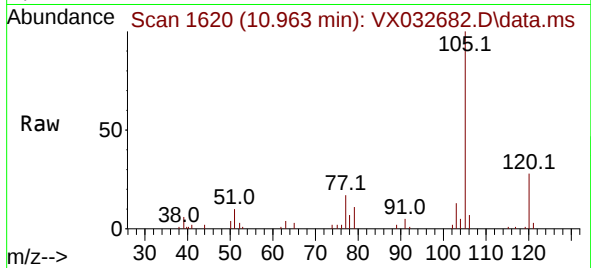




#73
Isopropylbenzene
Concen: 7.631 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

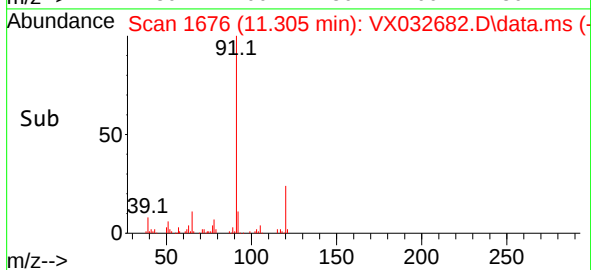
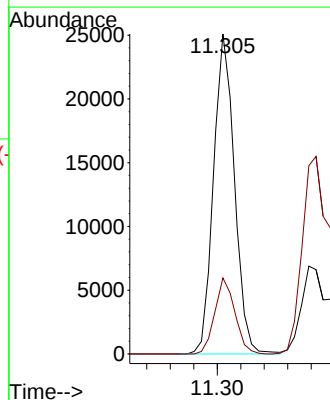
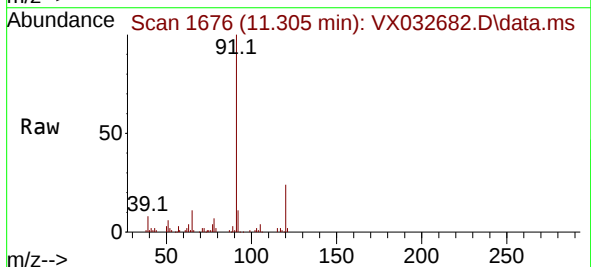
Instrument :
MSVOA_X
ClientSampleId :
NWB-1851

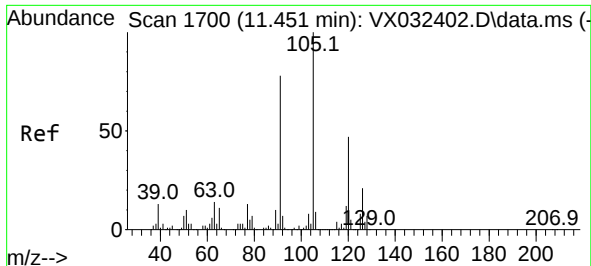
Tgt Ion:105 Resp: 9782
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.3



#78
n-propylbenzene
Concen: 21.036 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032682.D
Acq: 09 Nov 2022 16:15

Tgt Ion: 91 Resp: 31067
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

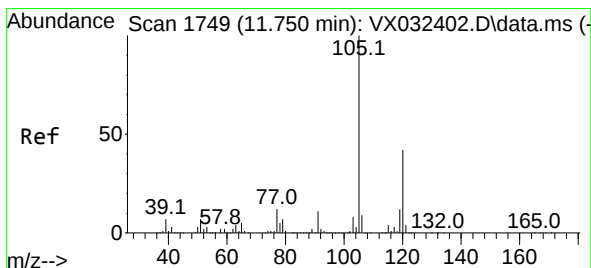
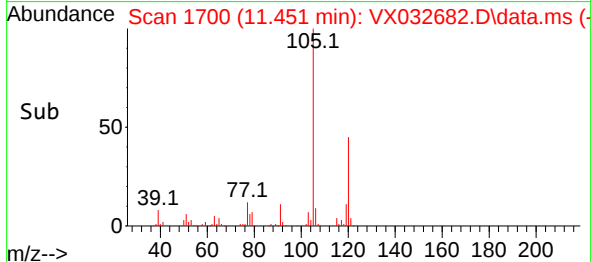
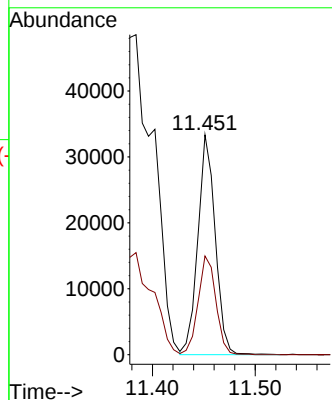
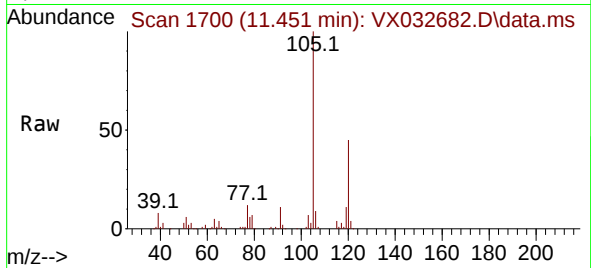




#80
 1,3,5-Trimethylbenzene
 Concen: 35.840 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

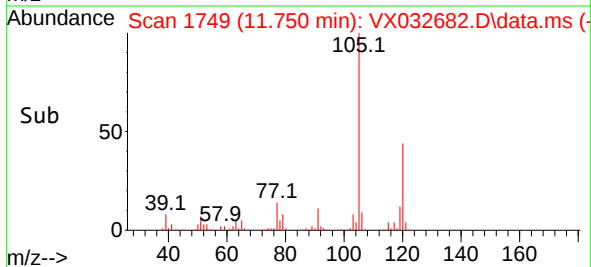
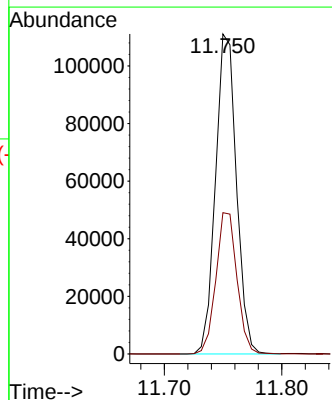
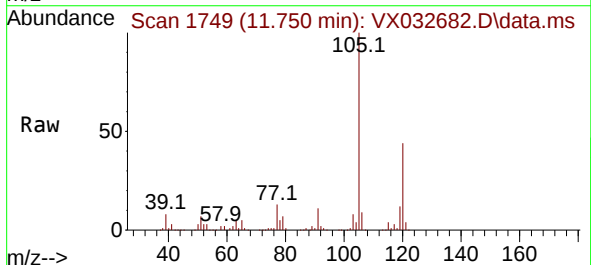
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1851

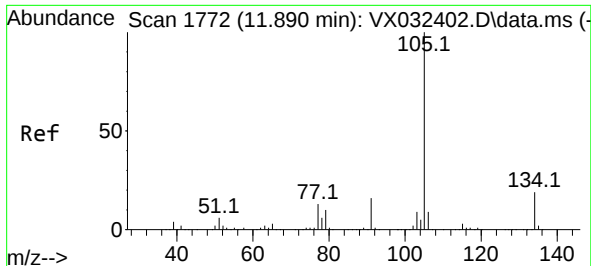
Tgt Ion:105 Resp: 39263
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 126.405 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

Tgt Ion:105 Resp: 137731
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.9 65.5

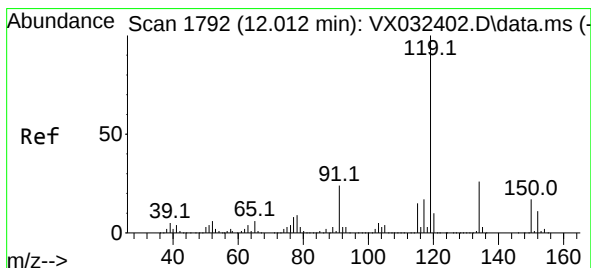
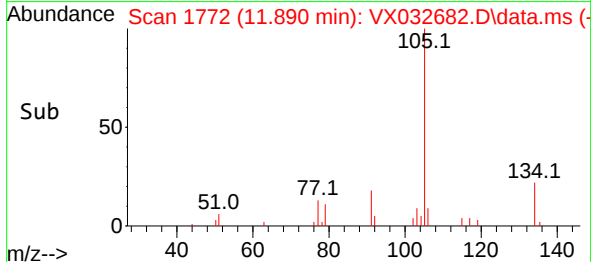
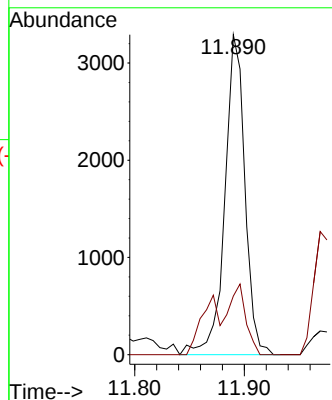
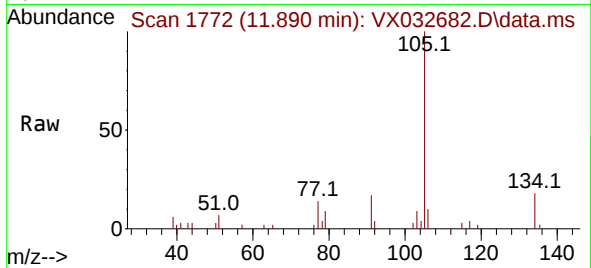




#85
 sec-Butylbenzene
 Concen: 3.185 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

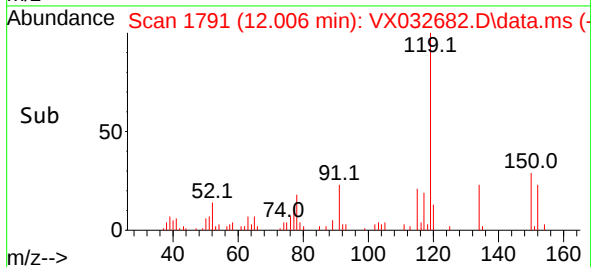
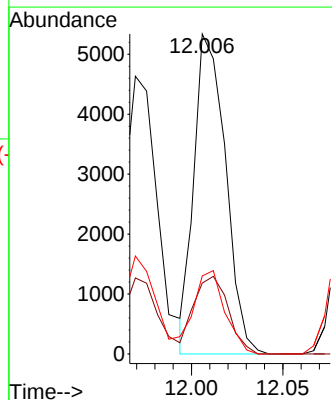
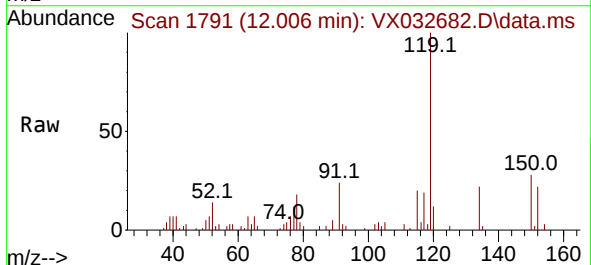
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1851

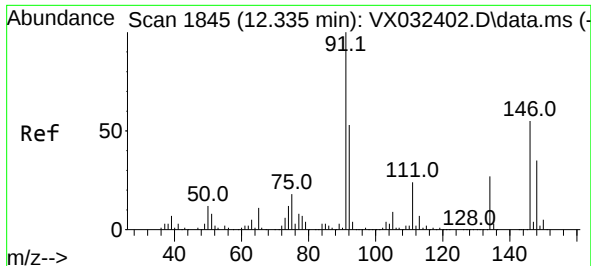
Tgt Ion:105 Resp: 4191
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 5.724 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX032682.D
 Acq: 09 Nov 2022 16:15

Tgt Ion:119 Resp: 6392
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.7
 91 27.0 12.5 37.5





#89

n-Butylbenzene

Concen: 14.169 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032682.D

Acq: 09 Nov 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

NWB-1851

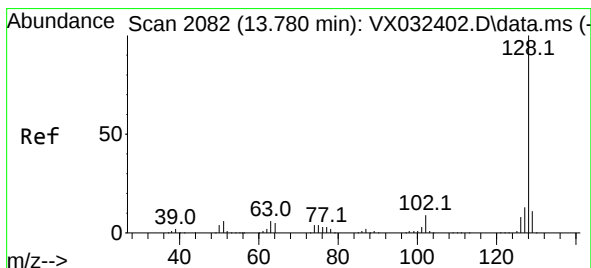
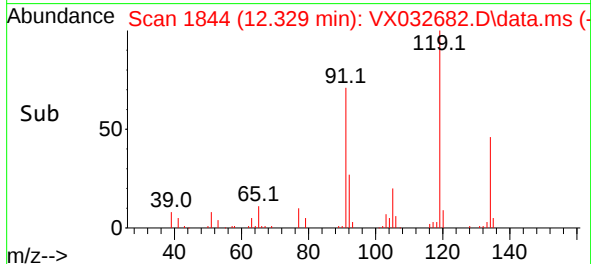
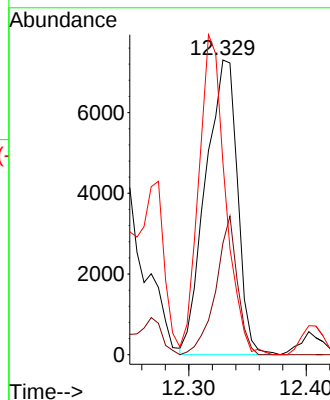
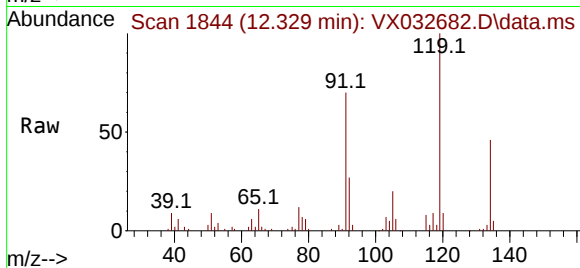
Tgt Ion: 91 Resp: 13765

Ion Ratio Lower Upper

91 100

92 32.0 26.2 78.6

134 90.2 12.9 38.6#



#95

Naphthalene

Concen: 15.266 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032682.D

Acq: 09 Nov 2022 16:15

Tgt Ion:128 Resp: 19386

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.0 8.9 13.3

