

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034974.D
 Acq On : 07 Apr 2023 17:21
 Operator : JC/MD
 Sample : 02221-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1904

Quant Time: Apr 08 00:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

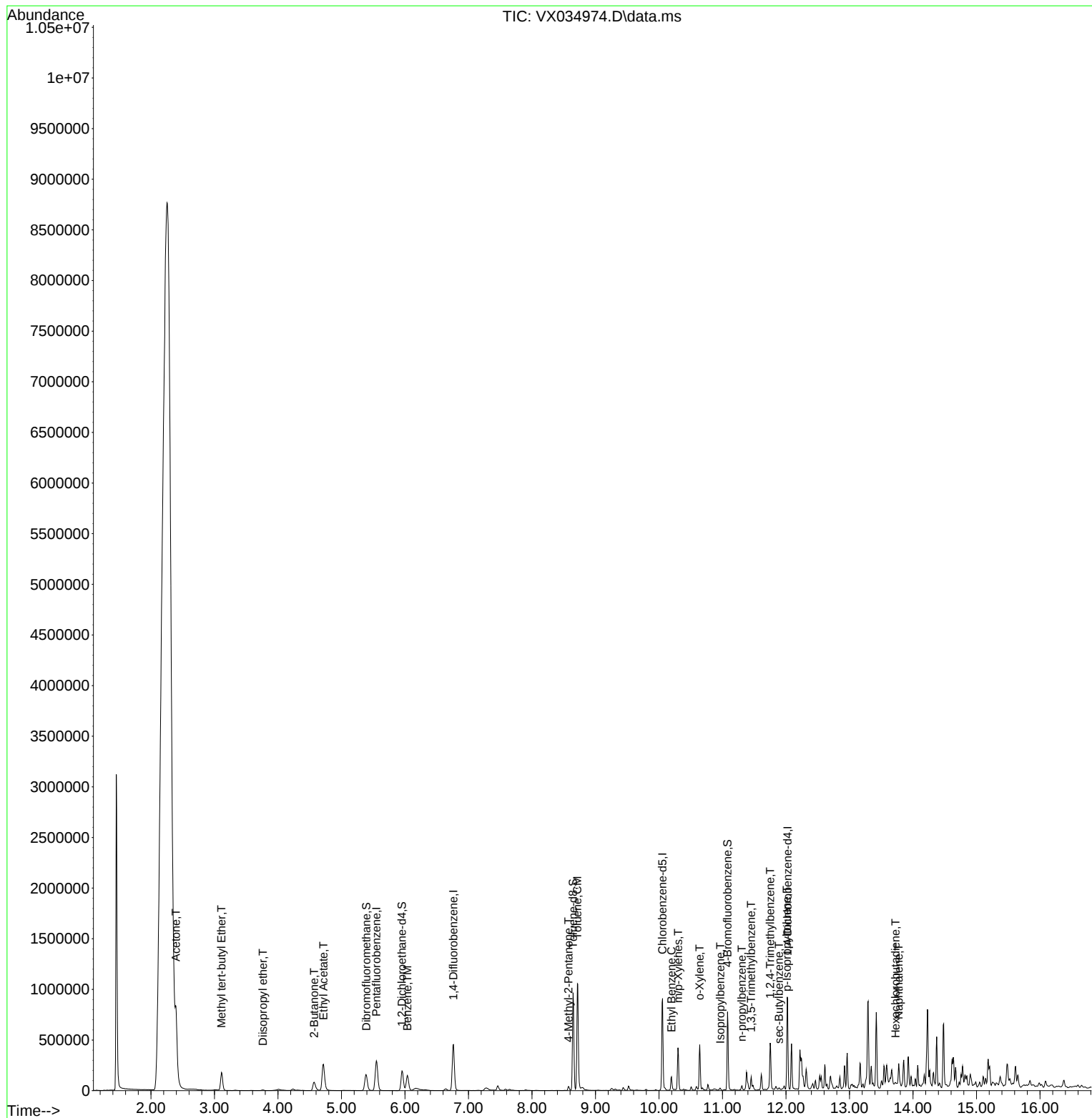
Internal Standards						
1) Pentafluorobenzene	5.550	168	267789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192402	46.980	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.391	113	141651	47.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	541966	49.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	204657	48.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.160%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	782610	470.401	ug/l	89
19) Methyl tert-butyl Ether	3.111	73	190121	18.679	ug/l	97
22) Diisopropyl ether	3.764	45	6751	0.621	ug/l #	74
25) 2-Butanone	4.568	43	156878	64.823	ug/l	98
37) Ethyl Acetate	4.715	43	463664	100.444	ug/l	98
40) Benzene	6.038	78	176470	13.925	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	25366	5.550	ug/l	97
52) Toluene	8.714	92	390991	47.318	ug/l	98
67) Ethyl Benzene	10.195	91	75926	5.007	ug/l	99
68) m/p-Xylenes	10.299	106	93525	16.147	ug/l	96
69) o-Xylene	10.640	106	89087	15.701	ug/l	94
73) Isopropylbenzene	10.964	105	8746	0.653	ug/l	96
78) n-propylbenzene	11.305	91	19506	1.260	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	50708	4.526	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	182345	16.006	ug/l	99
85) sec-Butylbenzene	11.890	105	7972	0.623	ug/l	90
86) p-Isopropyltoluene	12.012	119	7590	0.711	ug/l	90
94) Hexachlorobutadiene	13.725	225	2131	1.415	ug/l	96
95) Naphthalene	13.774	128	131596	10.814	ug/l	98

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

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NWB-1904

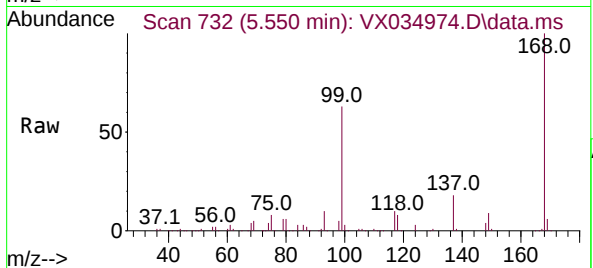
Quant Time: Apr 08 00:57:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



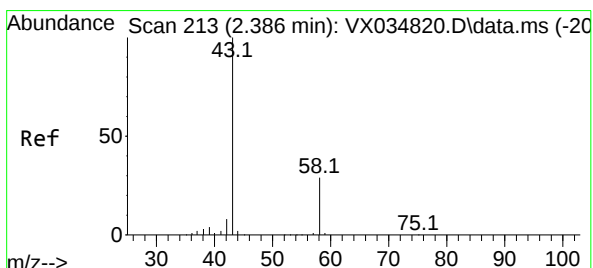
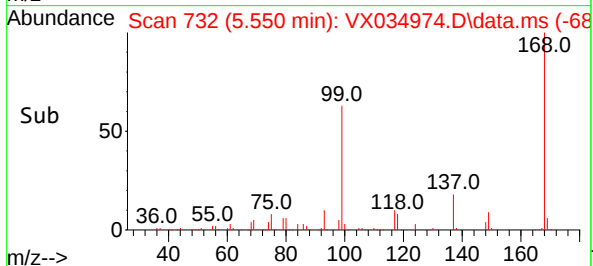
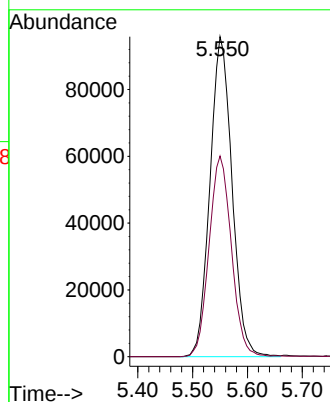


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

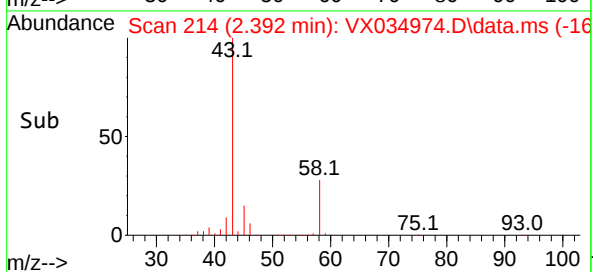
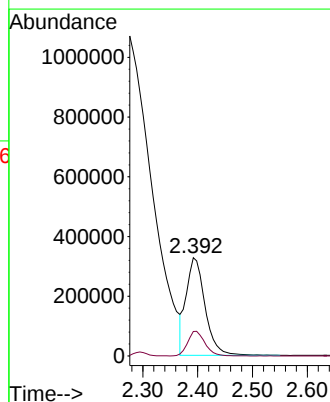
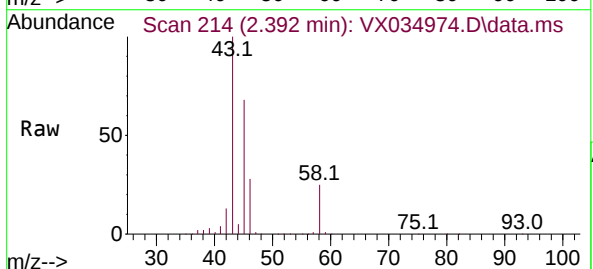


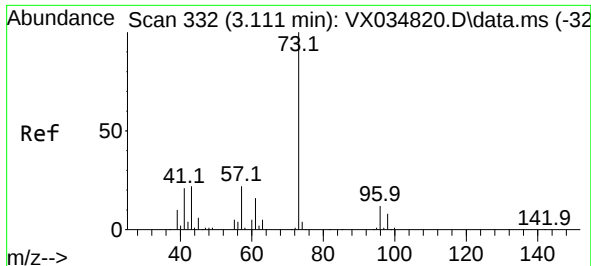
Tgt Ion:168 Resp: 267789
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#16
Acetone
Concen: 470.401 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion: 43 Resp: 782610
Ion Ratio Lower Upper
43 100
58 25.0 24.7 37.1

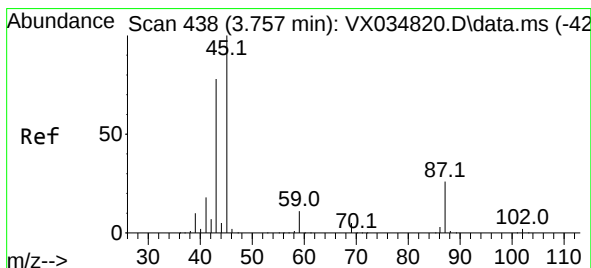
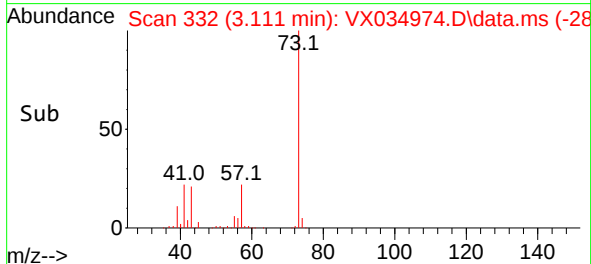
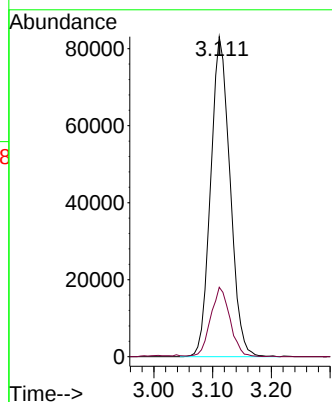
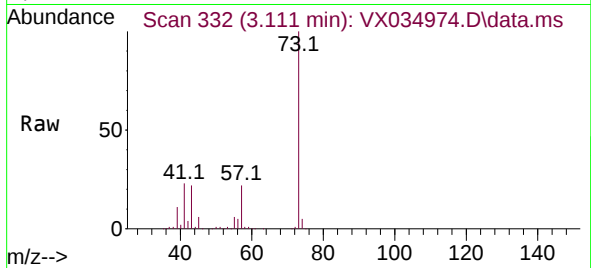




#19
Methyl tert-butyl Ether
Concen: 18.679 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

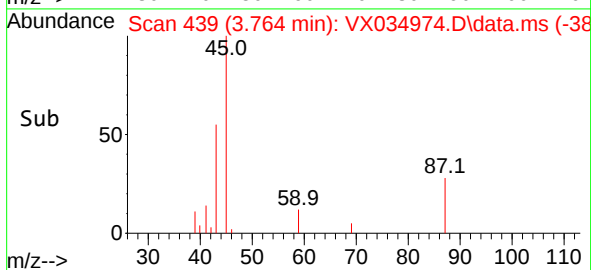
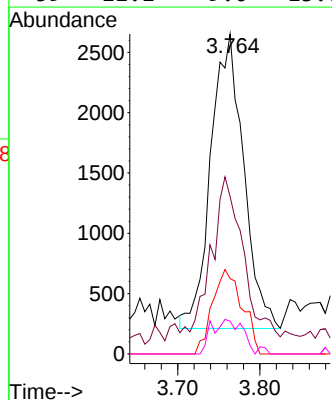
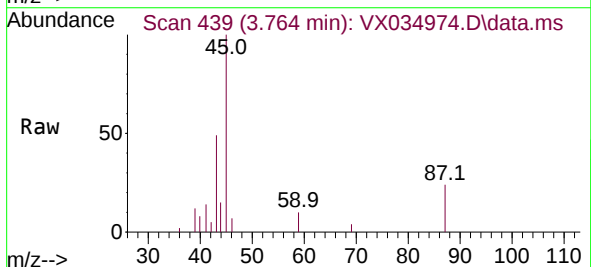
Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

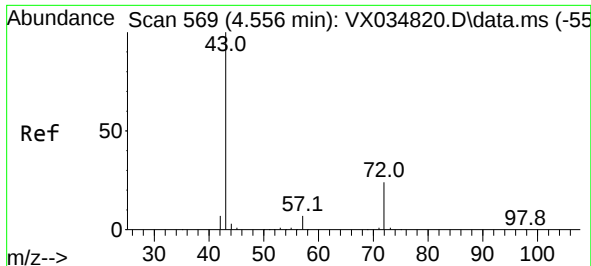
Tgt Ion: 73 Resp: 190121
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7



#22
Diisopropyl ether
Concen: 0.621 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion: 45 Resp: 6751
Ion Ratio Lower Upper
45 100
43 47.6 65.4 98.2#
87 25.6 20.6 31.0
59 11.1 9.0 13.6





#25

2-Butanone

Concen: 64.823 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034974.D

Acq: 07 Apr 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

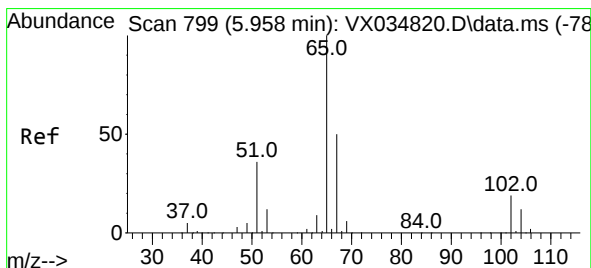
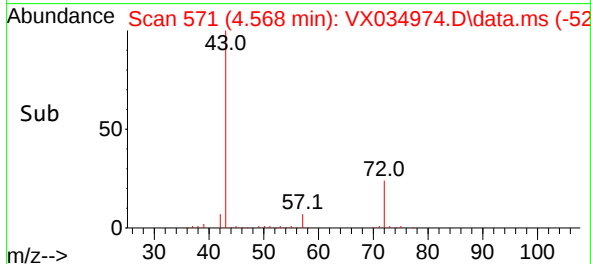
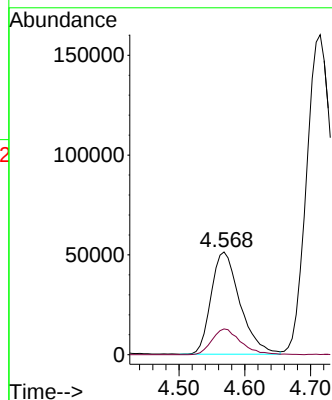
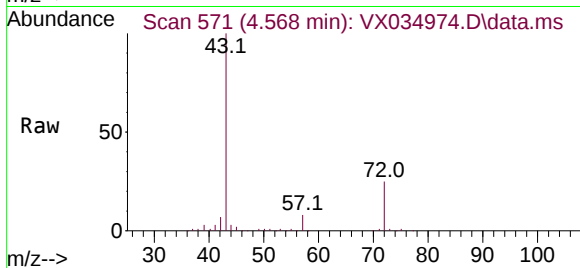
NWB-1904

Tgt Ion: 43 Resp: 156878

Ion Ratio Lower Upper

43 100

72 25.2 19.3 28.9



#33

1,2-Dichloroethane-d4

Concen: 46.980 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034974.D

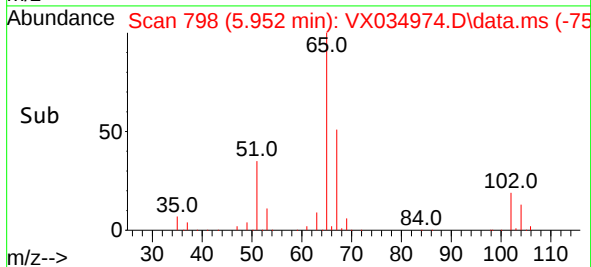
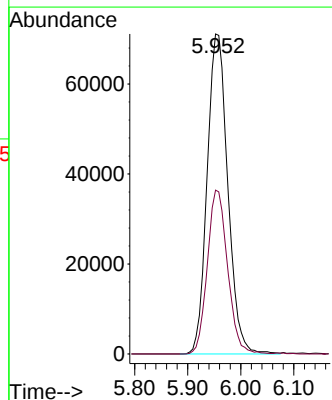
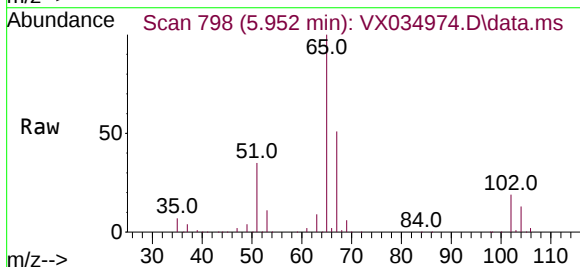
Acq: 07 Apr 2023 17:21

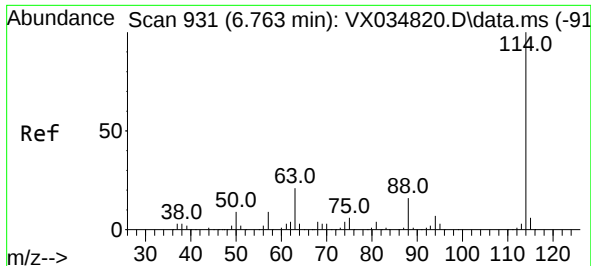
Tgt Ion: 65 Resp: 192402

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.0

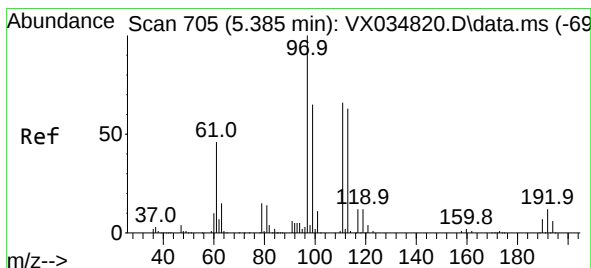
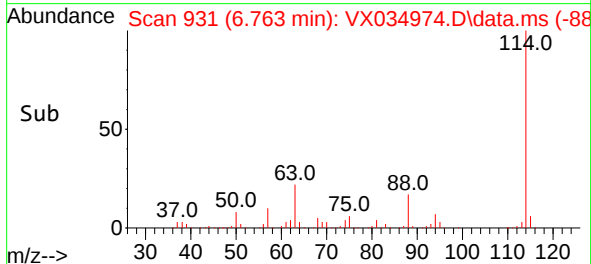
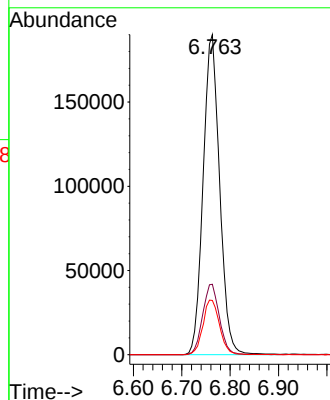
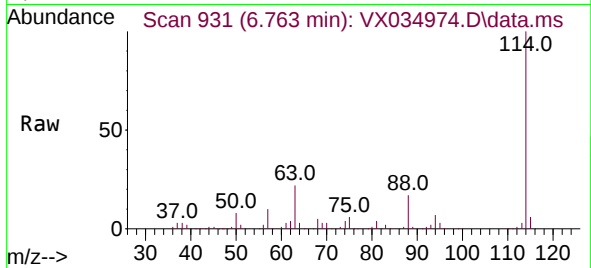




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

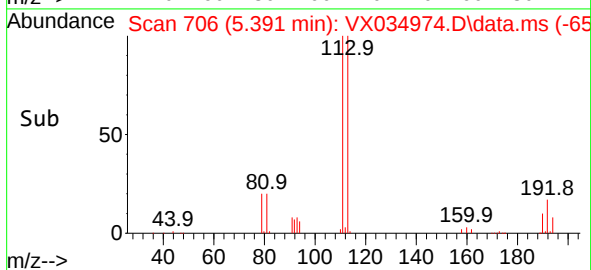
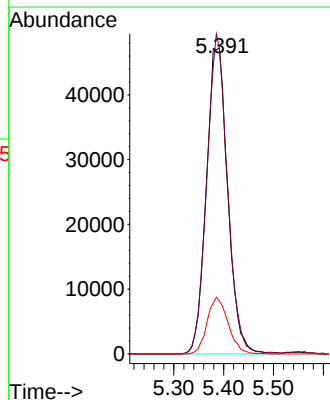
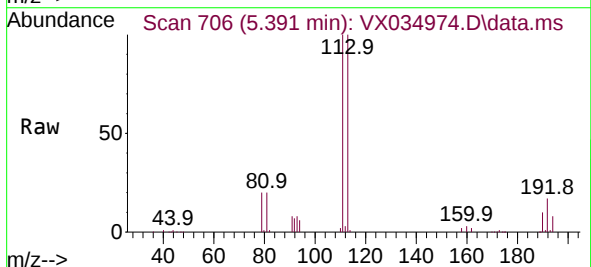
Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

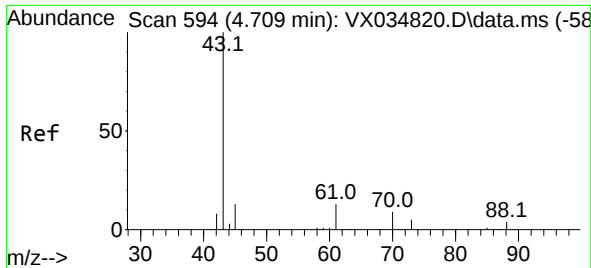
Tgt Ion:114 Resp: 450524
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.536 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion:113 Resp: 141651
Ion Ratio Lower Upper
113 100
111 100.3 83.7 125.5
192 18.1 15.4 23.2





#37

Ethyl Acetate

Concen: 100.444 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034974.D

Acq: 07 Apr 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

NWB-1904

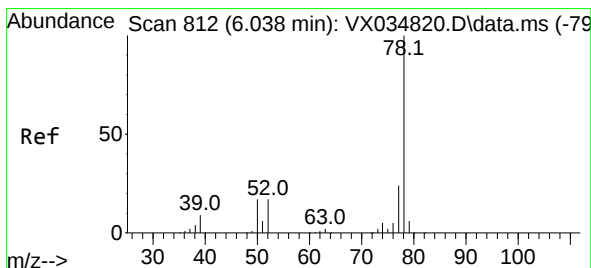
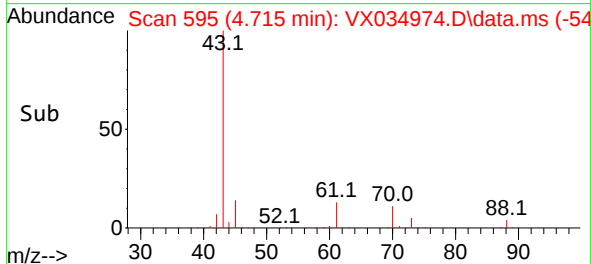
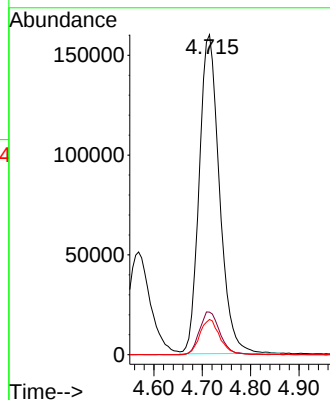
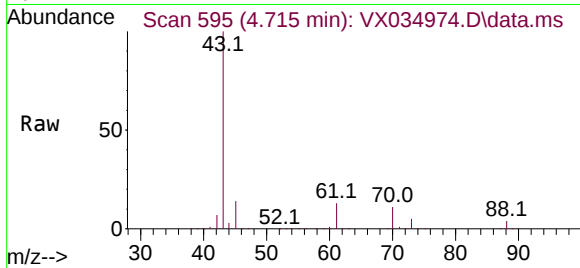
Tgt Ion: 43 Resp: 463664

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

70 11.0 8.2 12.4



#40

Benzene

Concen: 13.925 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034974.D

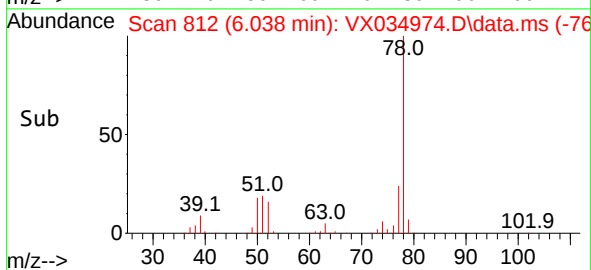
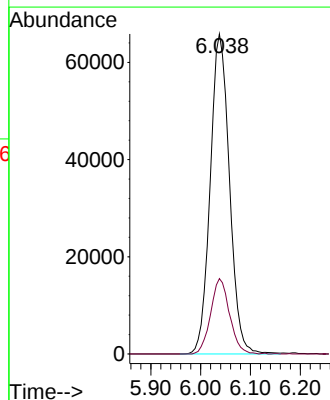
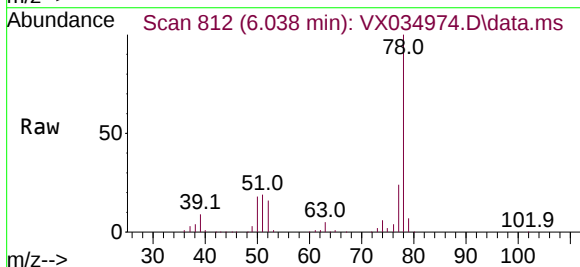
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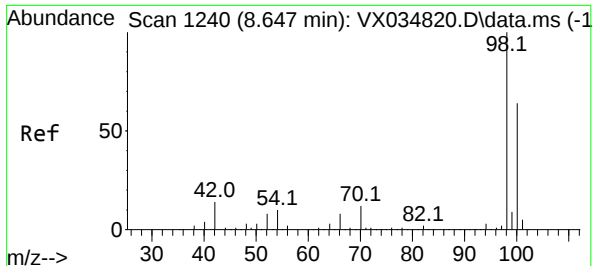
Tgt Ion: 78 Resp: 176470

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





#50

Toluene-d8

Concen: 49.275 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034974.D

Acq: 07 Apr 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

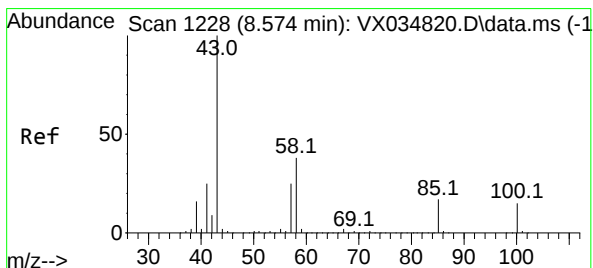
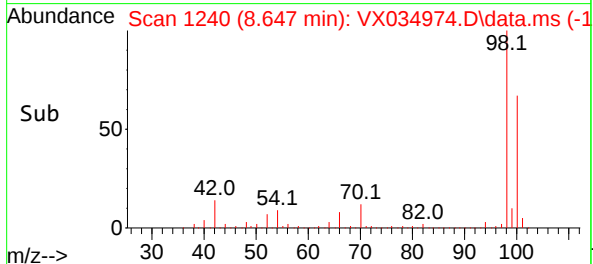
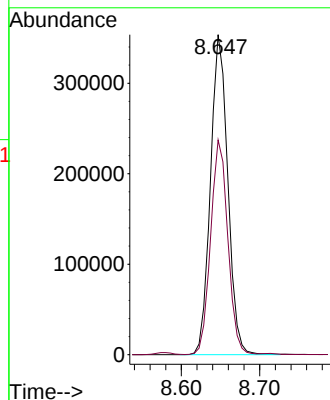
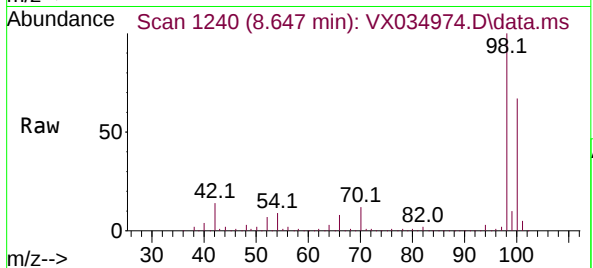
NWB-1904

Tgt Ion: 98 Resp: 541966

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 5.550 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX034974.D

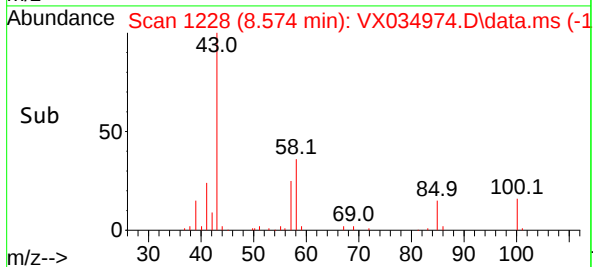
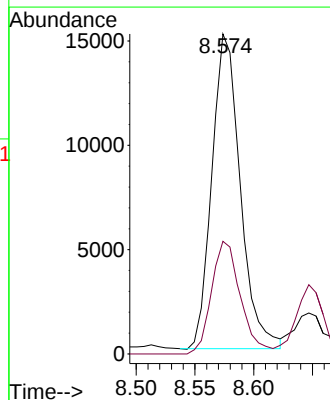
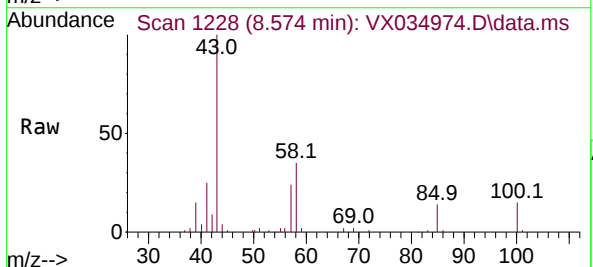
Acq: 07 Apr 2023 17:21

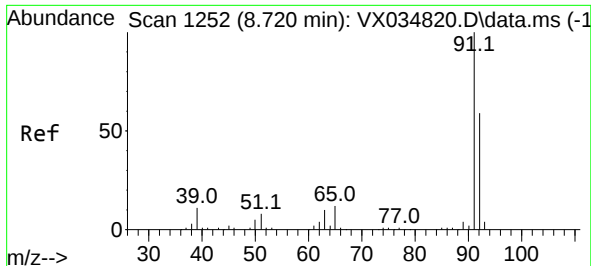
Tgt Ion: 43 Resp: 25366

Ion Ratio Lower Upper

43 100

58 36.5 30.6 46.0

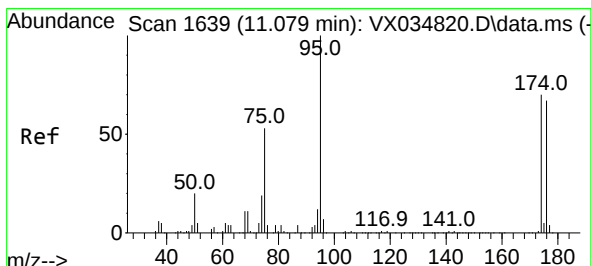
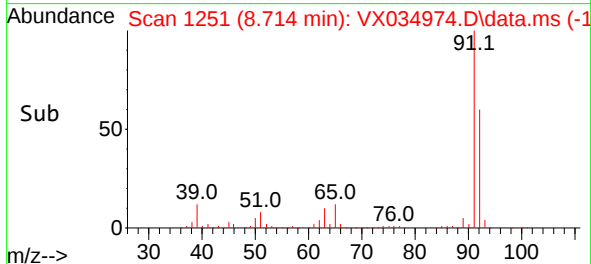
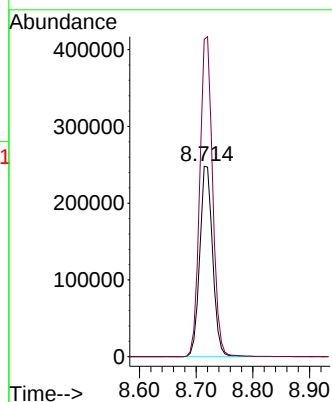
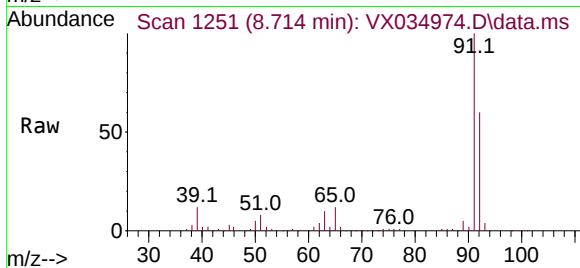




#52
Toluene
Concen: 47.318 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

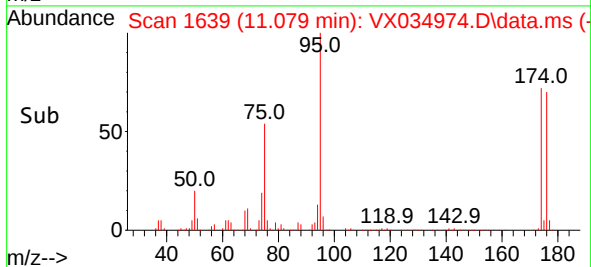
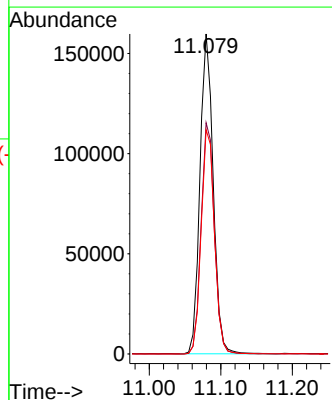
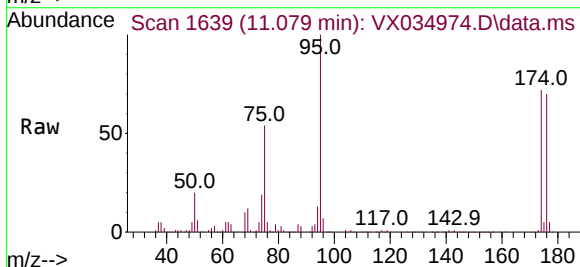
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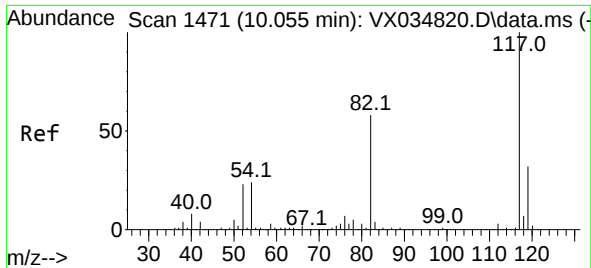
Tgt Ion: 92 Resp: 390991
Ion Ratio Lower Upper
92 100
91 168.3 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion: 95 Resp: 204657
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.7 0.0 140.6

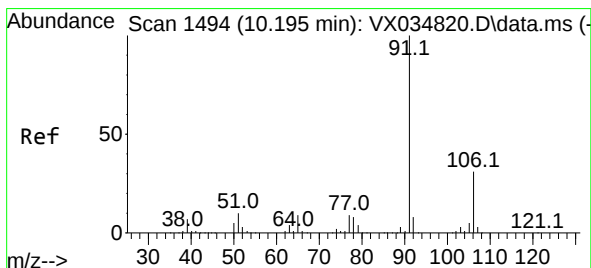
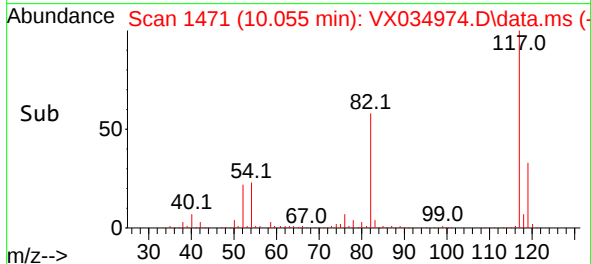
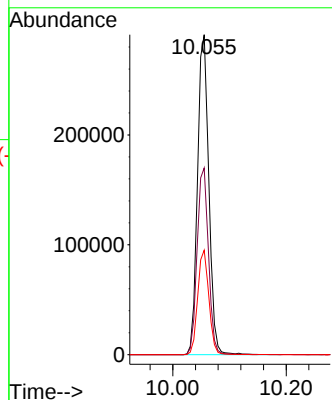
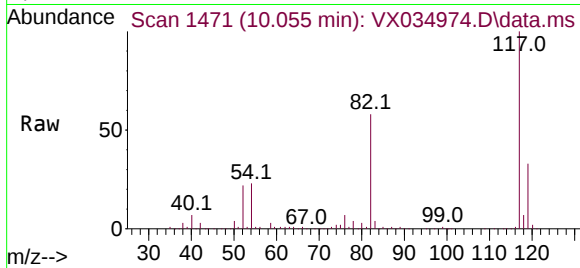




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

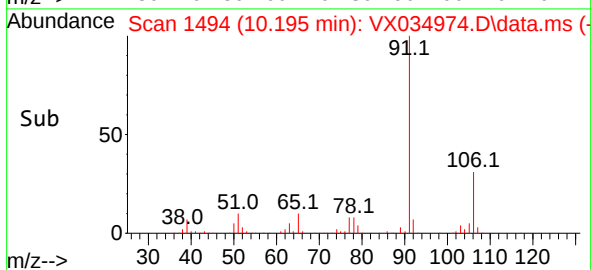
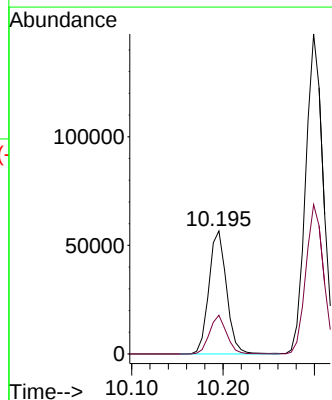
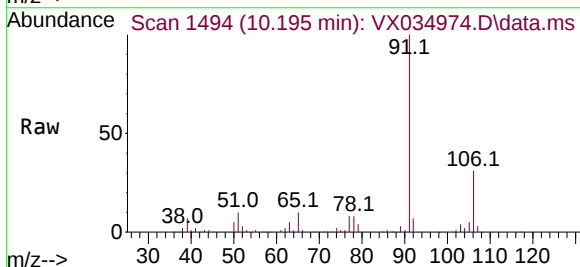
Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

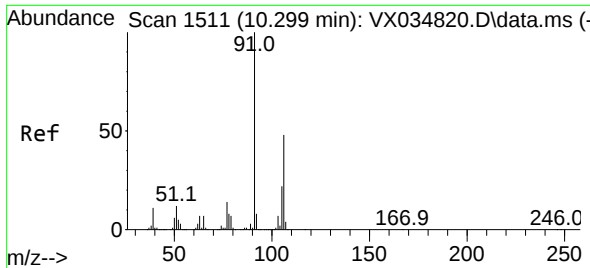
Tgt Ion:117 Resp: 402277
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.7 26.0 39.0



#67
Ethyl Benzene
Concen: 5.007 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion: 91 Resp: 75926
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

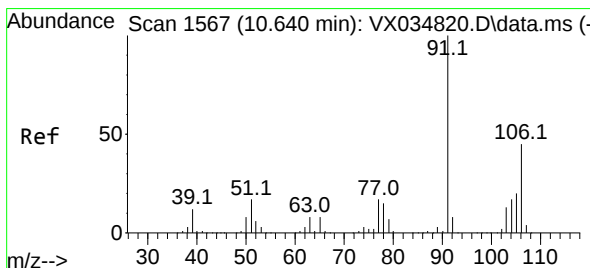
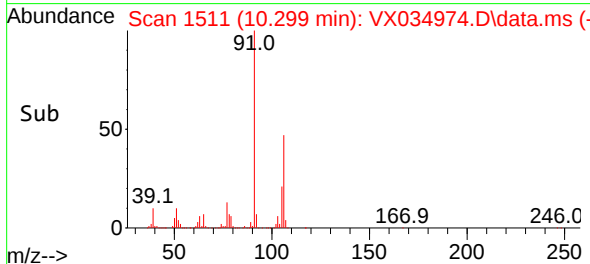
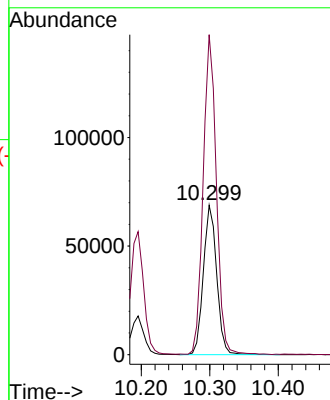
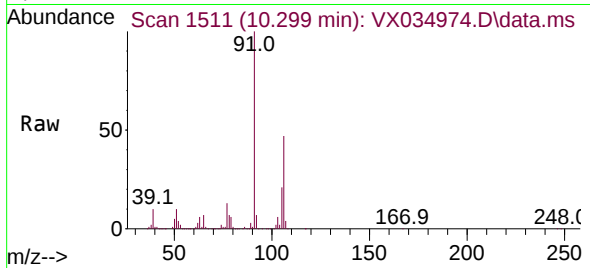




#68
m/p-Xylenes
Concen: 16.147 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

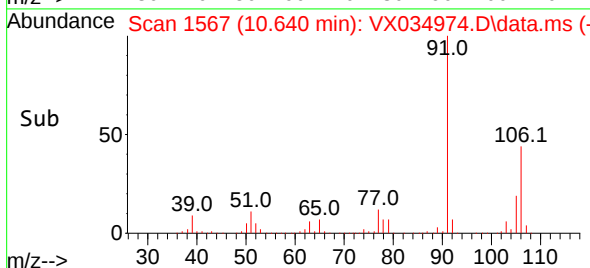
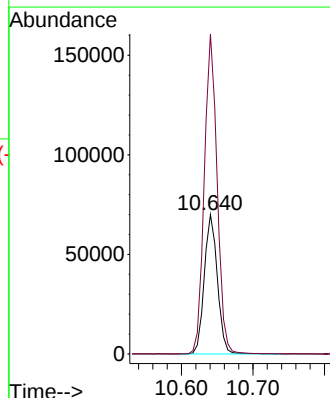
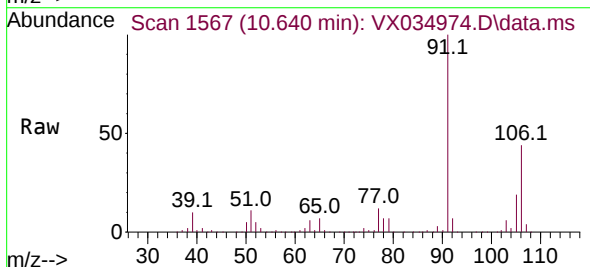
Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

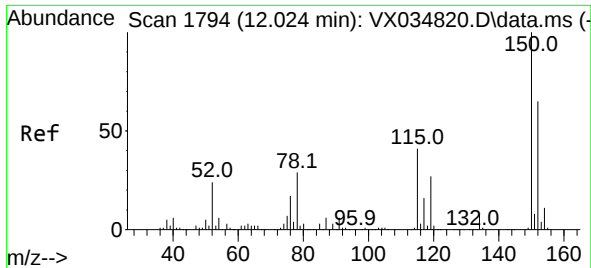
Tgt Ion:106 Resp: 93525
Ion Ratio Lower Upper
106 100
91 211.2 164.0 246.0



#69
o-Xylene
Concen: 15.701 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion:106 Resp: 89087
Ion Ratio Lower Upper
106 100
91 226.1 108.5 325.3

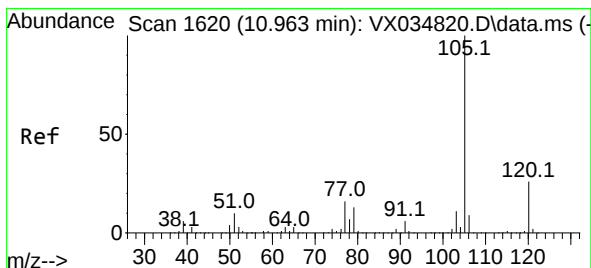
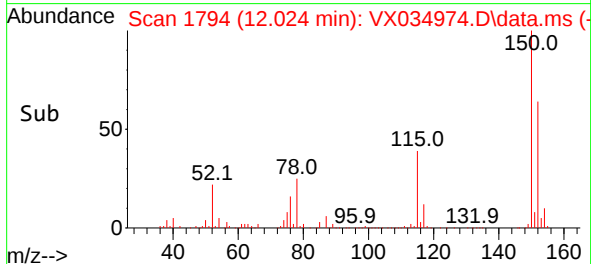
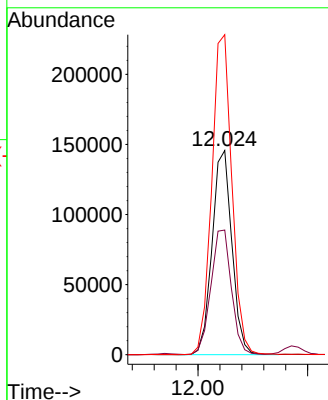
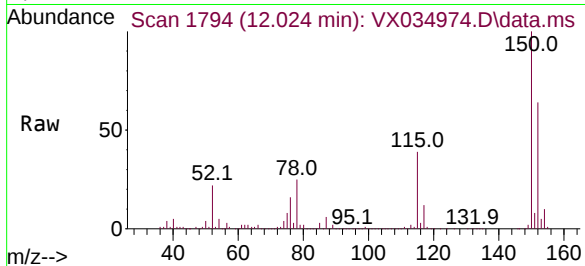




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

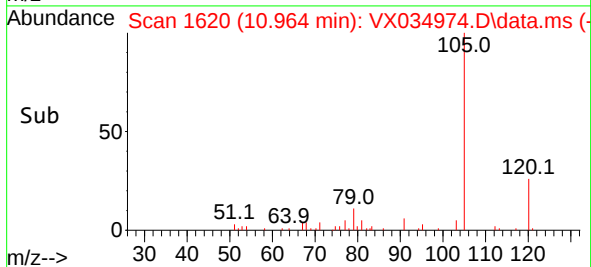
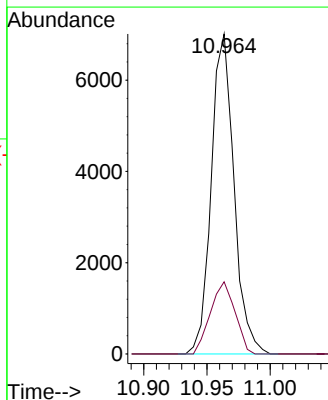
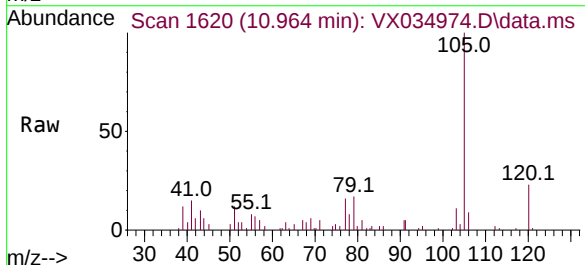
Instrument :
MSVOA_X
ClientSampleId :
NWB-1904

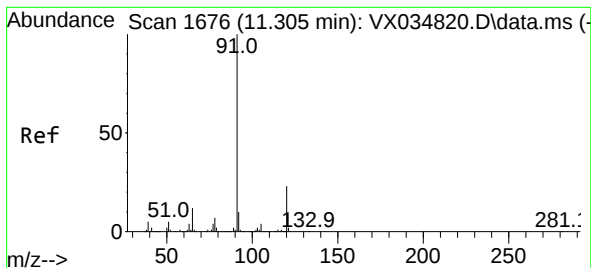
Tgt Ion:152 Resp: 182912
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 159.2 0.0 352.4



#73
Isopropylbenzene
Concen: 0.653 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Tgt Ion:105 Resp: 8746
Ion Ratio Lower Upper
105 100
120 24.5 13.3 39.9





#78

n-propylbenzene

Concen: 1.260 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034974.D

Acq: 07 Apr 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

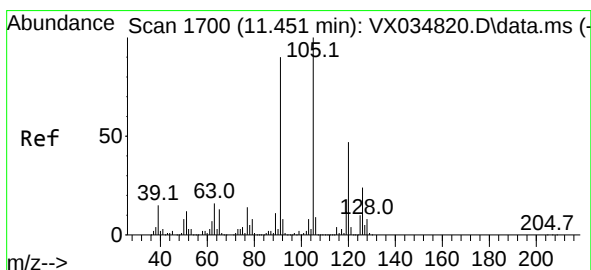
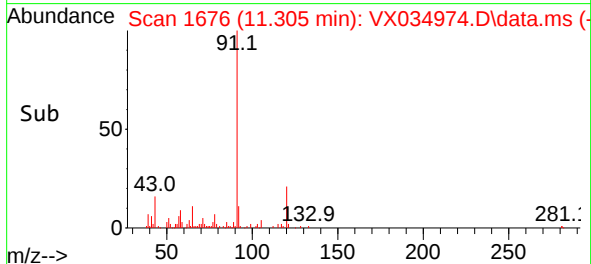
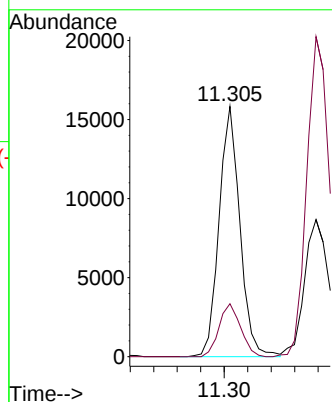
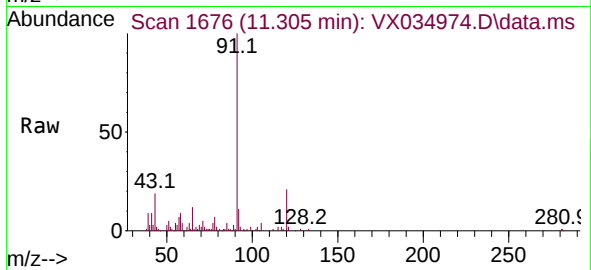
NWB-1904

Tgt Ion: 91 Resp: 19506

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 4.526 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034974.D

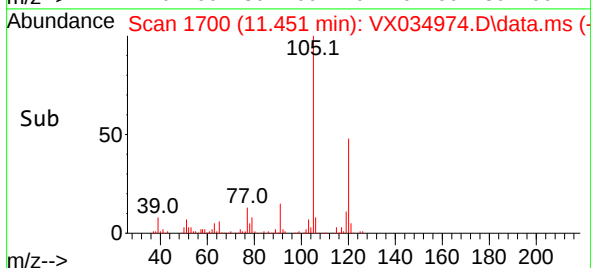
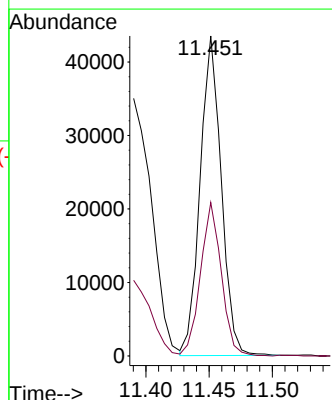
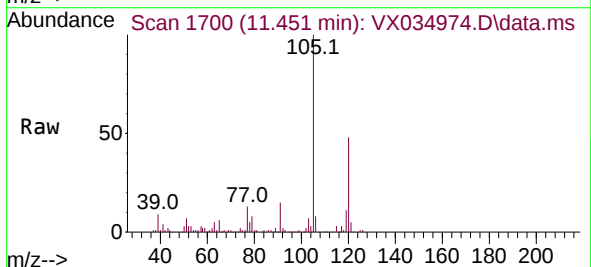
Acq: 07 Apr 2023 17:21

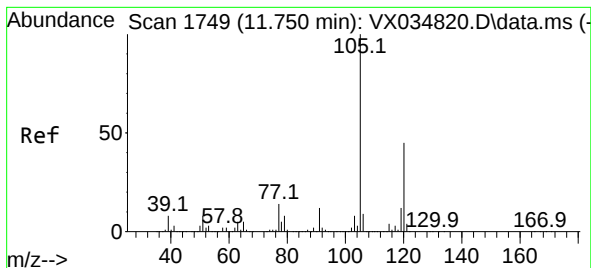
Tgt Ion: 105 Resp: 50708

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 16.006 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034974.D

Acq: 07 Apr 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

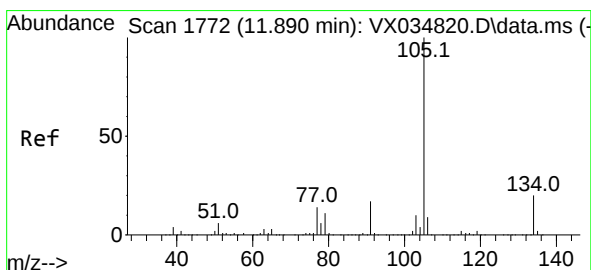
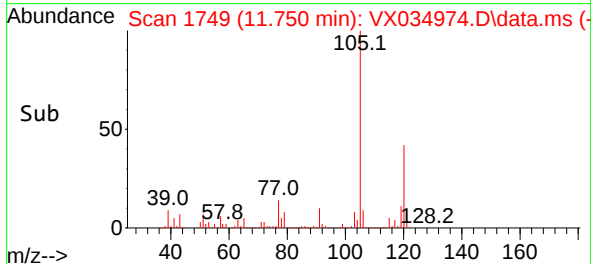
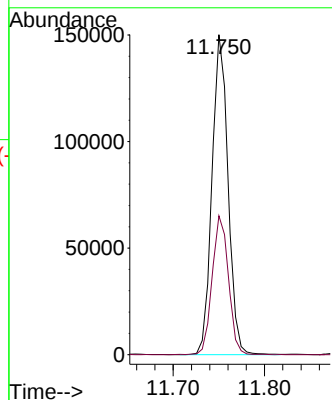
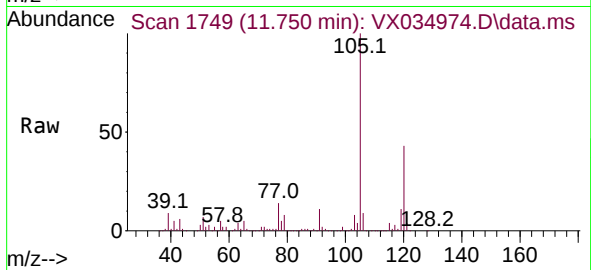
NWB-1904

Tgt Ion:105 Resp: 182345

Ion Ratio Lower Upper

105 100

120 44.2 22.4 67.0



#85

sec-Butylbenzene

Concen: 0.623 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034974.D

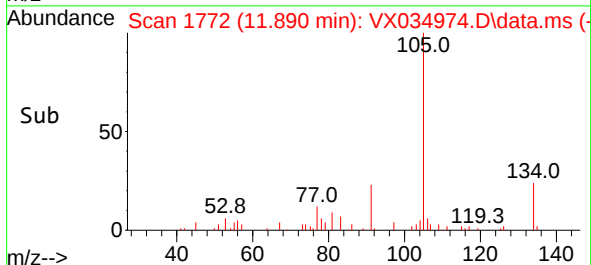
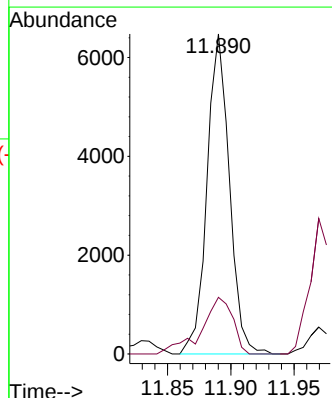
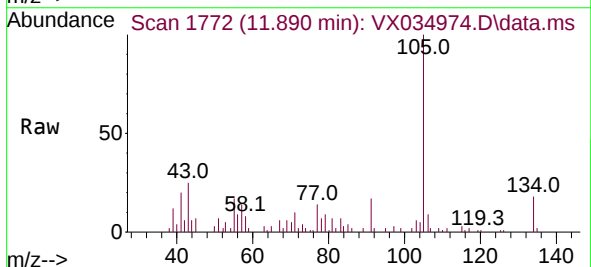
Acq: 07 Apr 2023 17:21

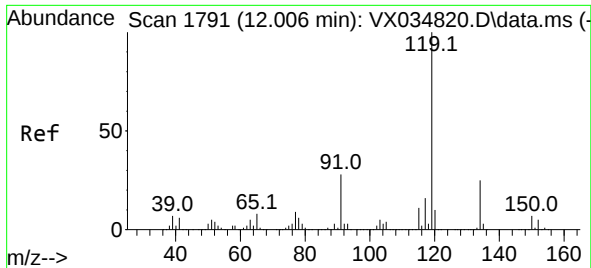
Tgt Ion:105 Resp: 7972

Ion Ratio Lower Upper

105 100

134 24.8 10.2 30.4

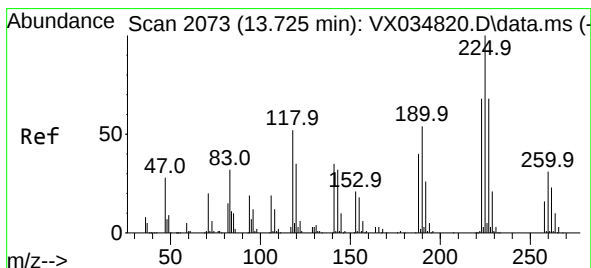
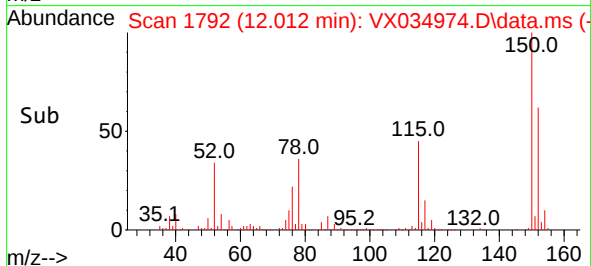
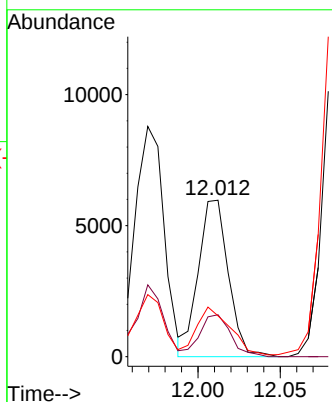
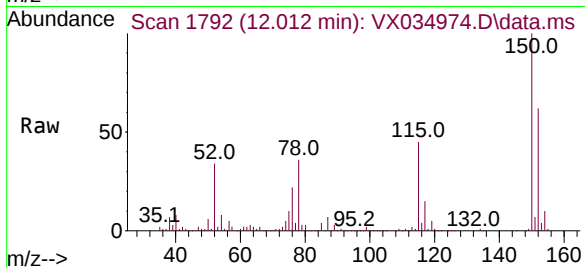




#86
 p-Isopropyltoluene
 Concen: 0.711 ug/l
 RT: 12.012 min Scan# 1791
 Delta R.T. 0.006 min
 Lab File: VX034974.D
 Acq: 07 Apr 2023 17:21

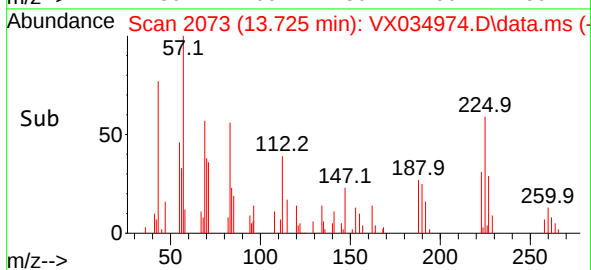
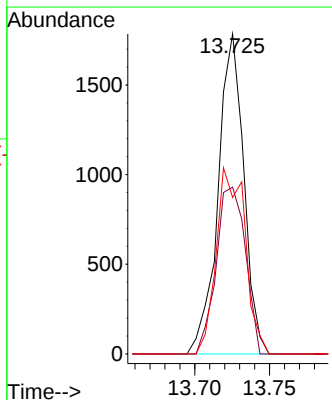
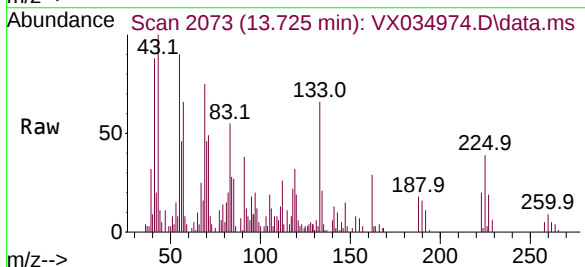
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1904

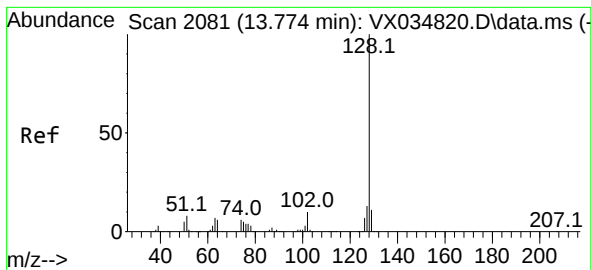
Tgt Ion:	119	Resp:	7590
Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.2	39.5
91	34.2	12.9	38.7



#94
 Hexachlorobutadiene
 Concen: 1.415 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX034974.D
 Acq: 07 Apr 2023 17:21

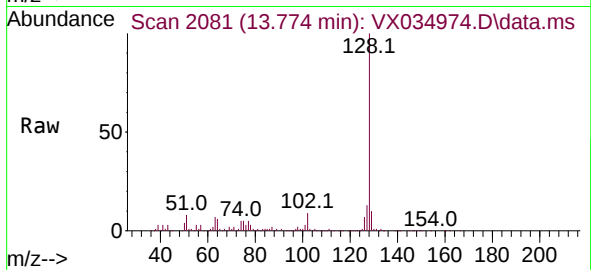
Tgt Ion:	225	Resp:	2131
Ion	Ratio	Lower	Upper
225	100		
223	59.3	32.1	96.5
227	65.1	31.8	95.4





#95
Naphthalene
Concen: 10.814 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034974.D
Acq: 07 Apr 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :
NWB-1904



Tgt Ion:	128	Resp:	131596
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.8	8.6	13.0

