

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033117.D
 Acq On : 29 Nov 2022 15:29
 Operator : JC/MD
 Sample : N5805-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1861

Quant Time: Nov 30 01:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

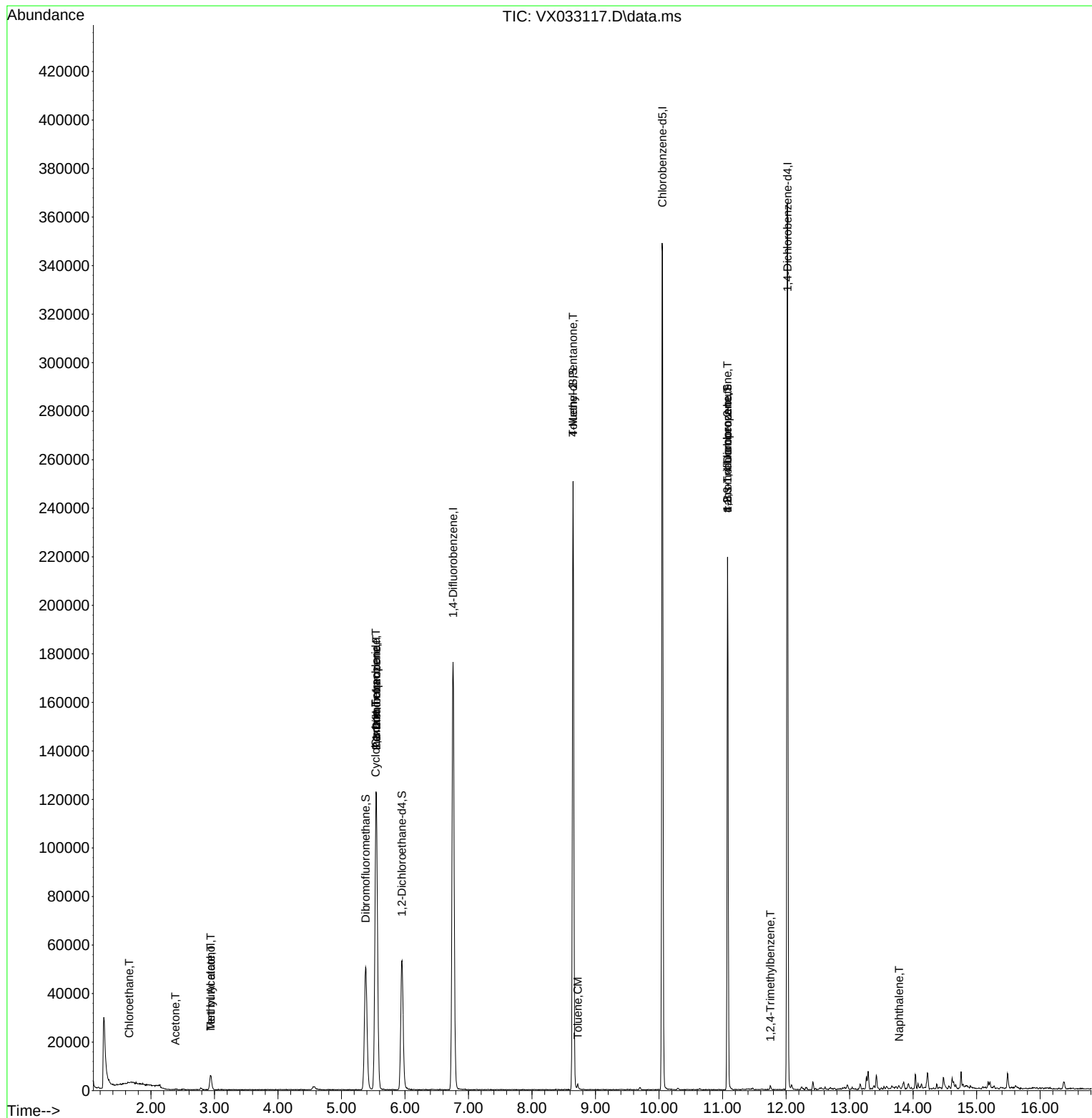
Internal Standards						
1) Pentafluorobenzene	5.550	168	115795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54616	48.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.379	113	44097	42.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.640%		
50) Toluene-d8	8.647	98	148854	47.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.900%		
62) 4-Bromofluorobenzene	11.079	95	54809	40.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.040%#		
Target Compounds						Qvalue
6) Chloroethane	1.654	64	439	0.507	ug/l #	42
11) Tert butyl alcohol	2.941	59	3558	19.904	ug/l #	72
16) Acetone	2.386	43	298	0.566	ug/l #	45
18) Methyl Acetate	2.941	43	585	0.401	ug/l #	51
20) Methylene Chloride	2.782	84	371	Below Cal	#	70
31) Cyclohexane	5.538	56	2548	1.395	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8799	5.344	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11858	6.491	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	663	0.452	ug/l #	1
52) Toluene	8.720	92	799	0.263	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	29556	20.342	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	29556	66.122	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1055	0.230	ug/l	98
95) Naphthalene	13.780	128	997	0.203	ug/l #	94

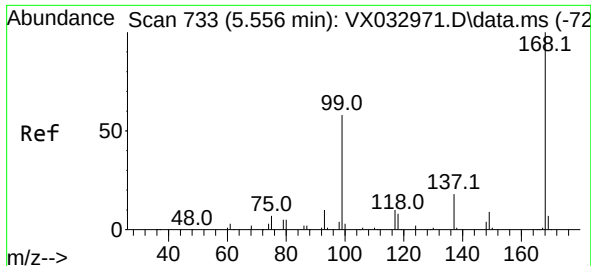
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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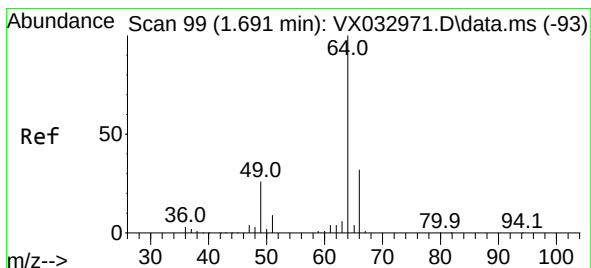
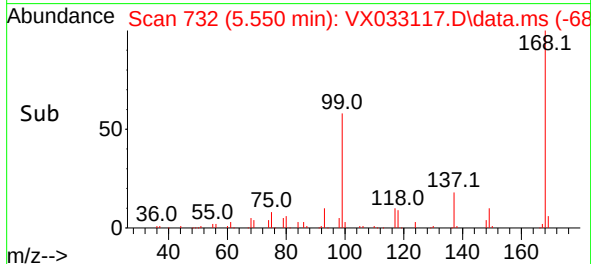
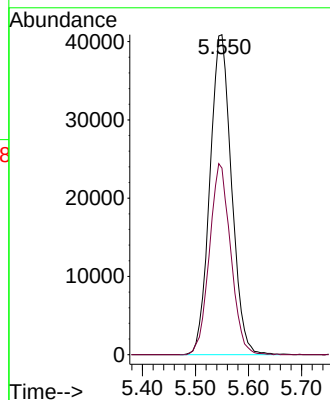
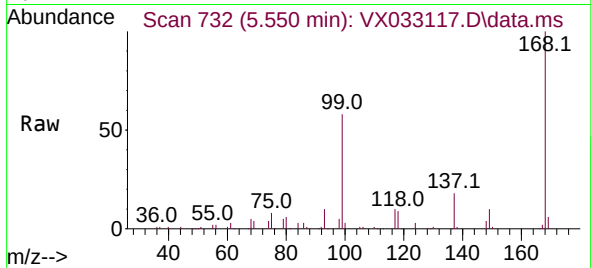




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

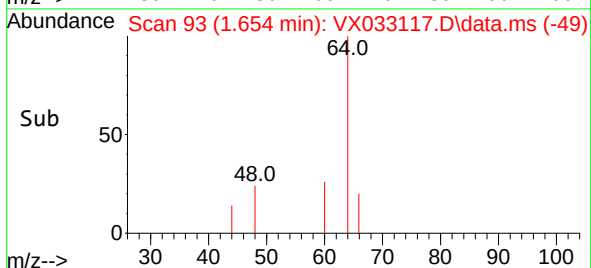
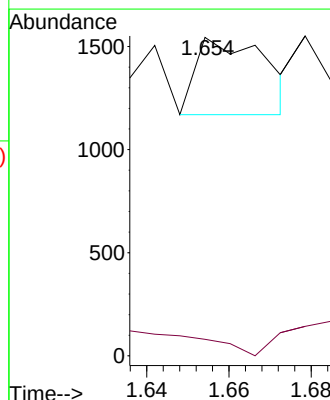
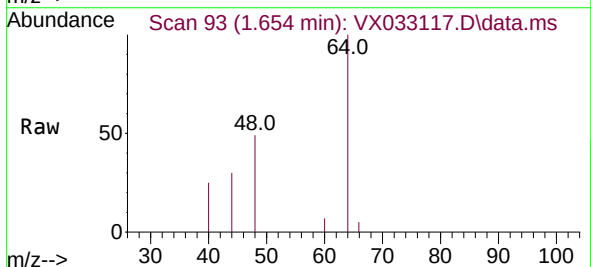
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

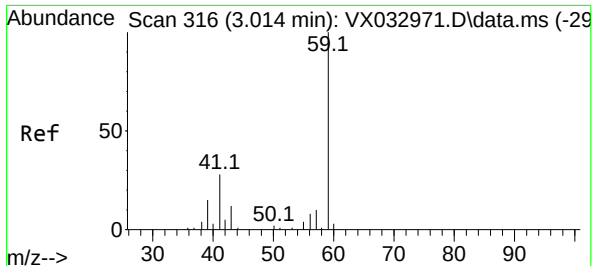
Tgt Ion:168 Resp: 115795
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 19.904 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

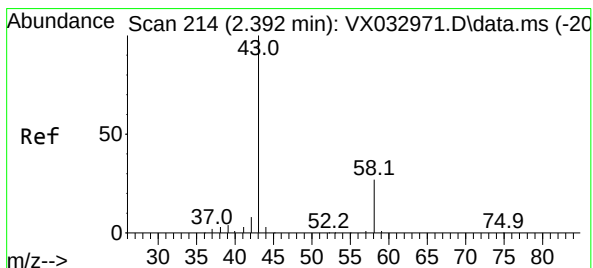
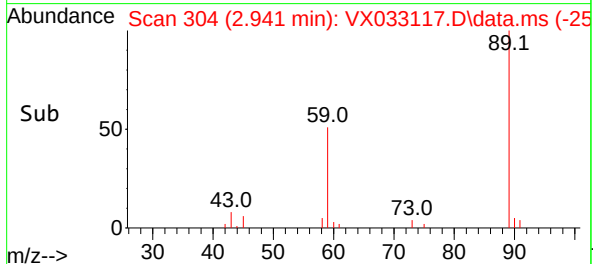
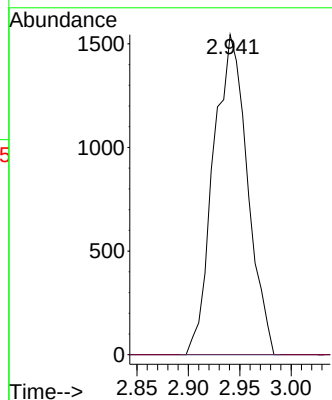
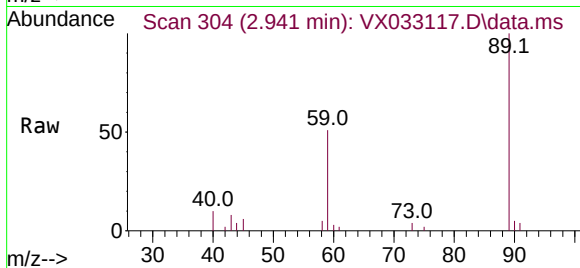
NWB-1861

Tgt Ion: 59 Resp: 3558

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.566 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX033117.D

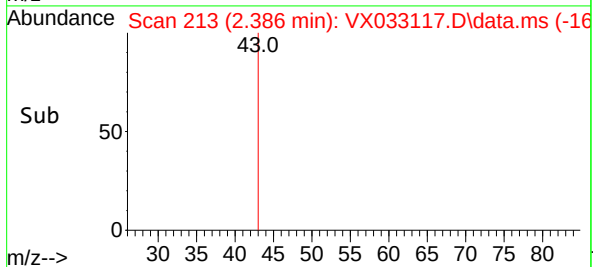
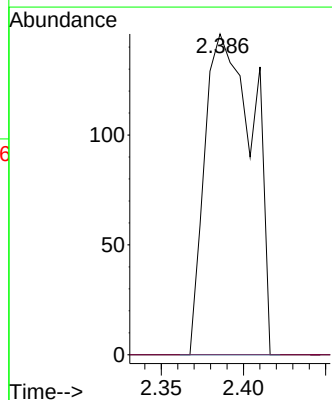
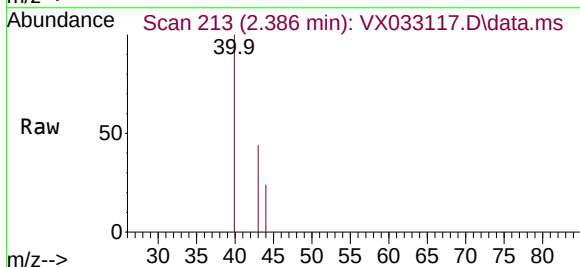
Acq: 29 Nov 2022 15:29

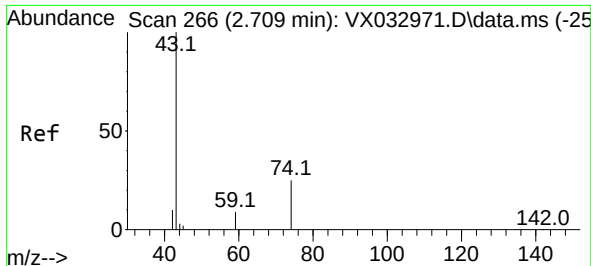
Tgt Ion: 43 Resp: 298

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#18

Methyl Acetate

Concen: 0.401 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.238 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

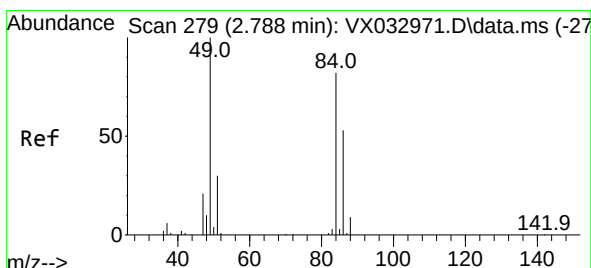
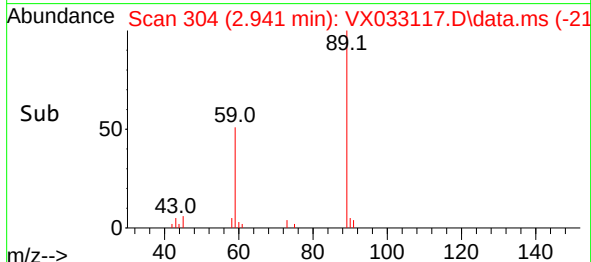
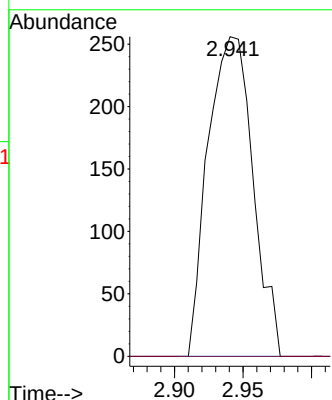
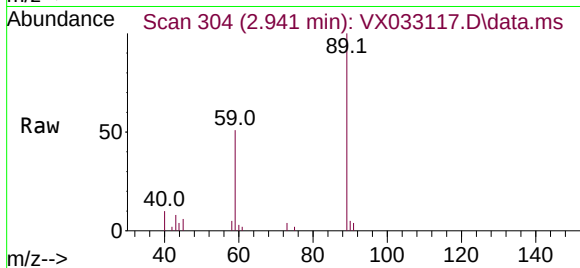
NWB-1861

Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Tgt Ion: 84 Resp: 371

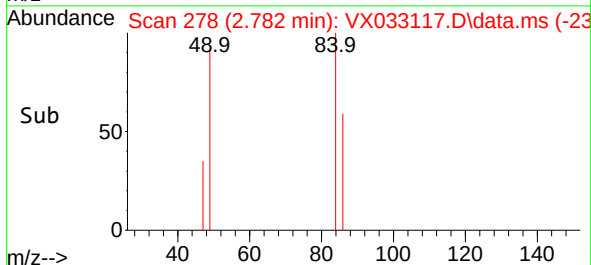
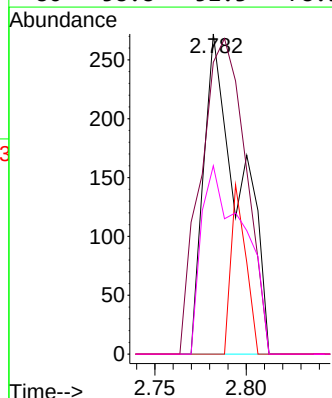
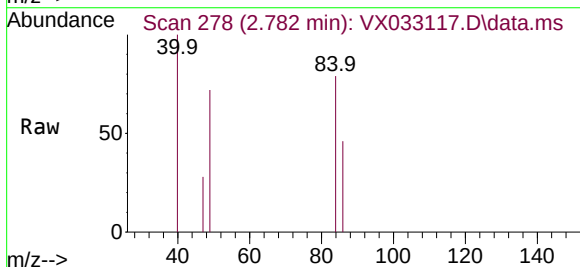
Ion Ratio Lower Upper

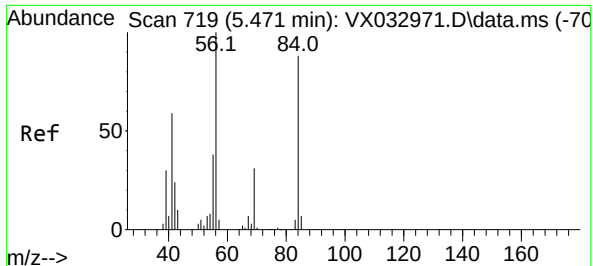
84 100

49 91.2 101.0 151.6#

51 0.0 31.1 46.7#

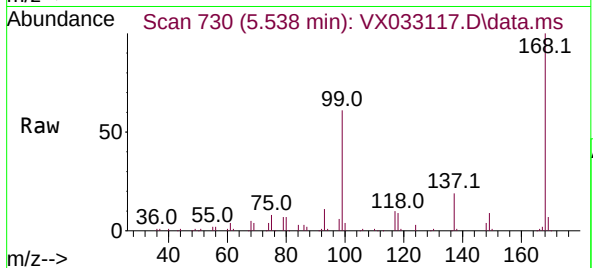
86 58.8 52.3 78.5



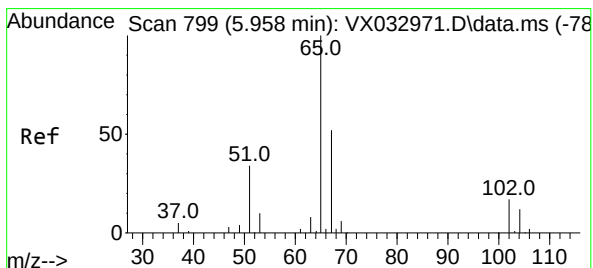
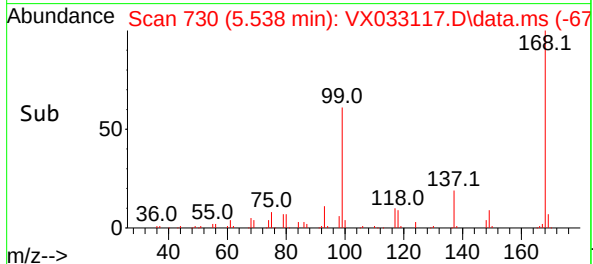
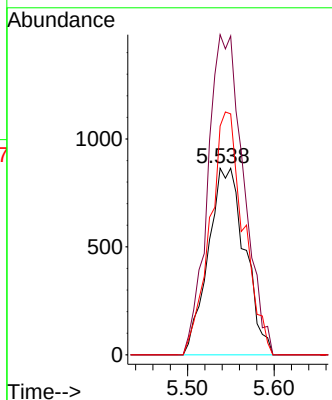


#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

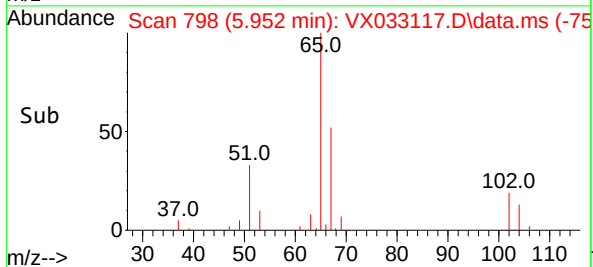
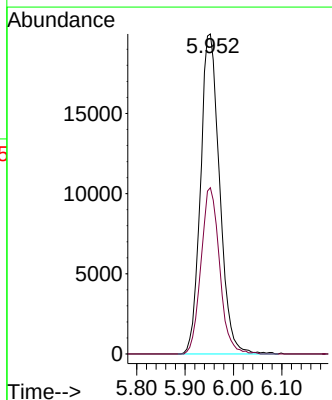
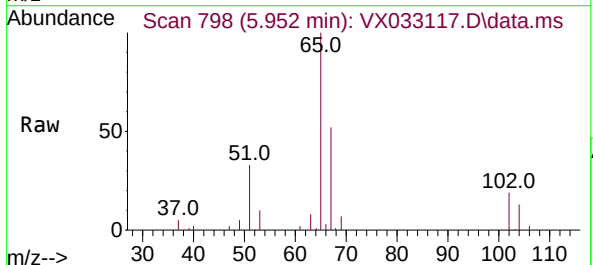


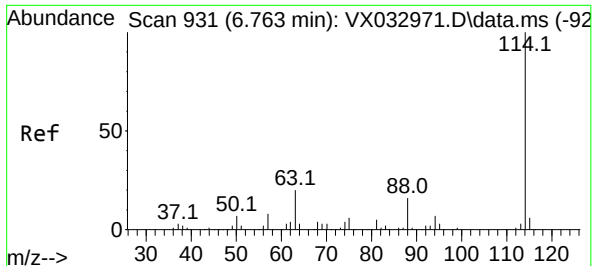
Tgt Ion: 56 Resp: 2548
Ion Ratio Lower Upper
56 100
69 171.6 24.1 36.1#
84 122.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.153 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion: 65 Resp: 54616
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

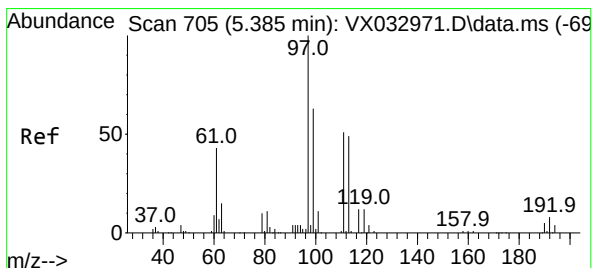
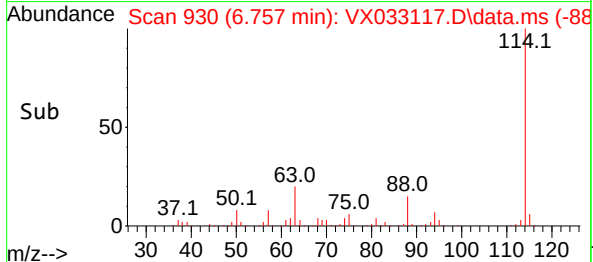
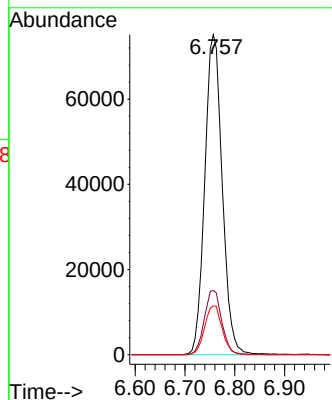
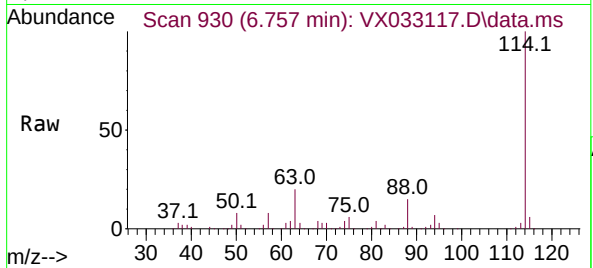




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

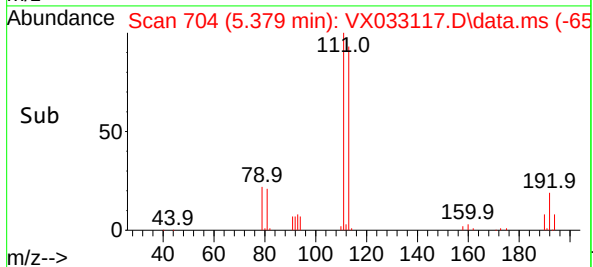
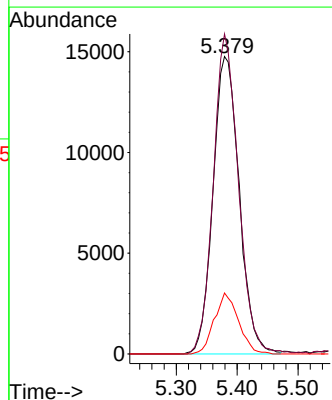
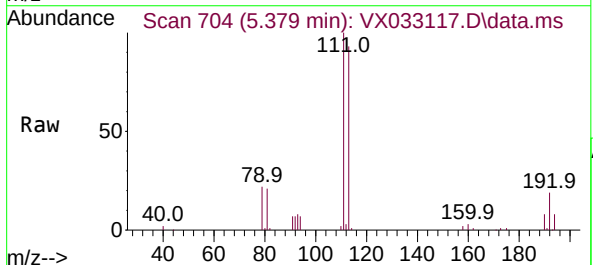
Instrument :
MSVOA_X
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NWB-1861

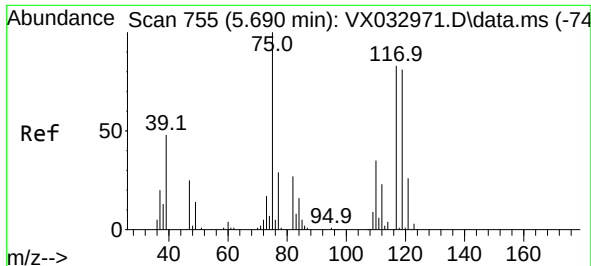
Tgt Ion:114 Resp: 182670
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 42.820 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion:113 Resp: 44097
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 18.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.344 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

NWB-1861

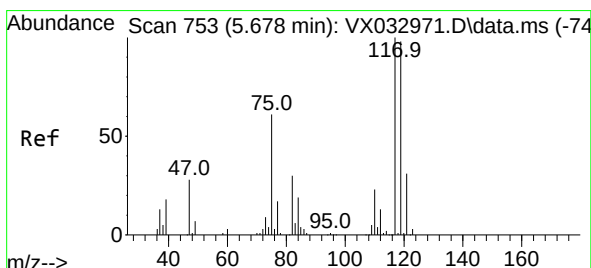
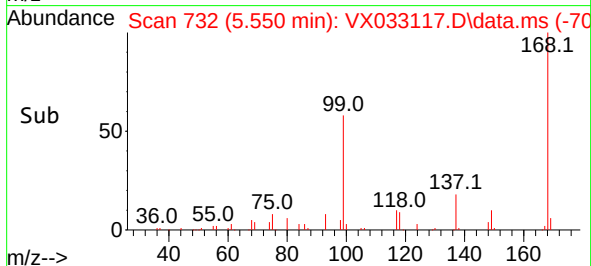
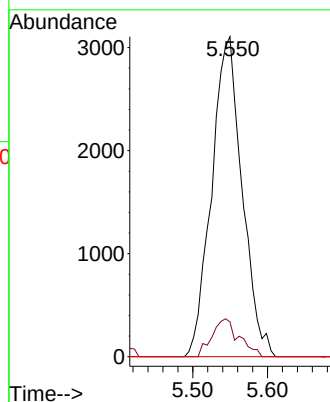
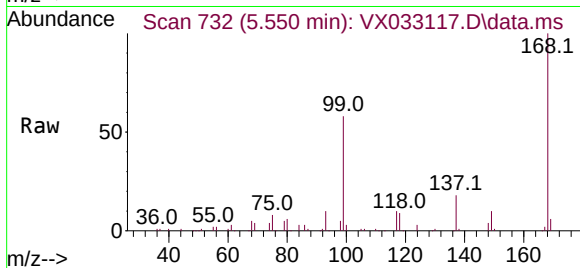
Tgt Ion: 75 Resp: 8799

Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.491 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

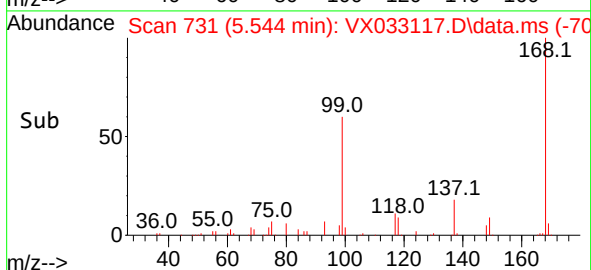
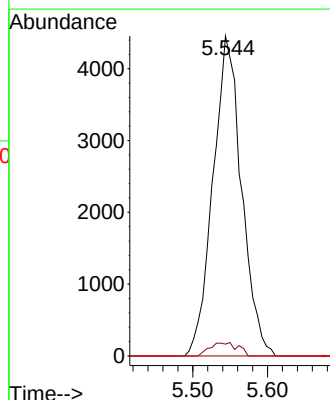
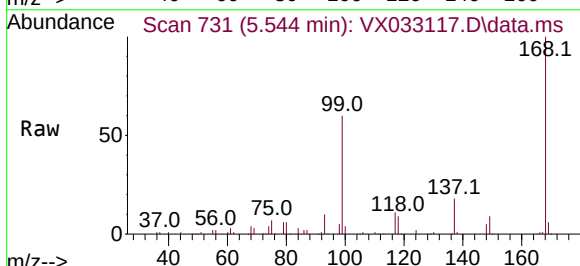
Tgt Ion: 117 Resp: 11858

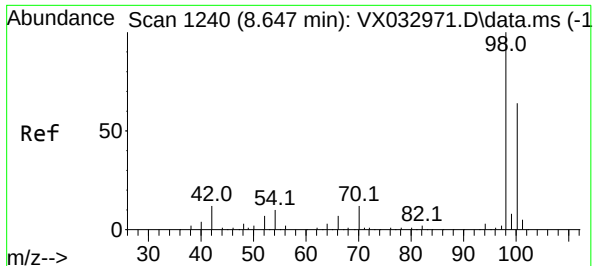
Ion Ratio Lower Upper

117 100

119 3.7 77.2 115.8#

121 0.0 25.8 38.6#

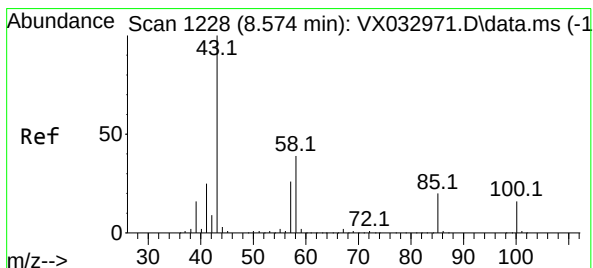
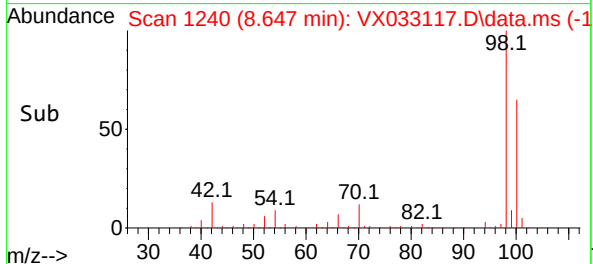
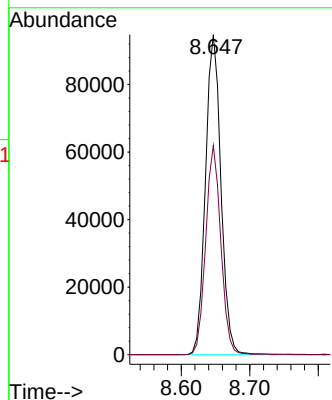
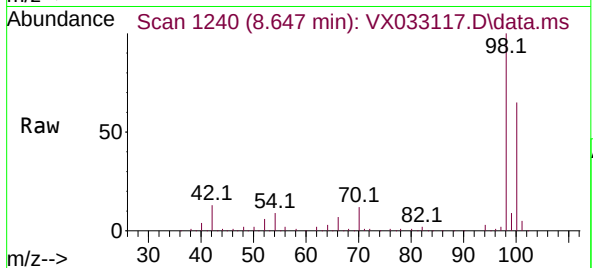




#50
Toluene-d8
Concen: 47.951 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

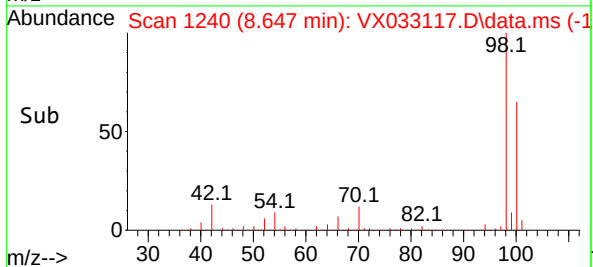
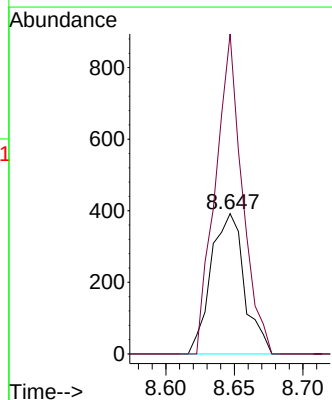
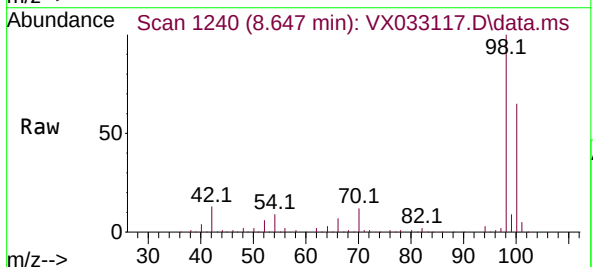
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

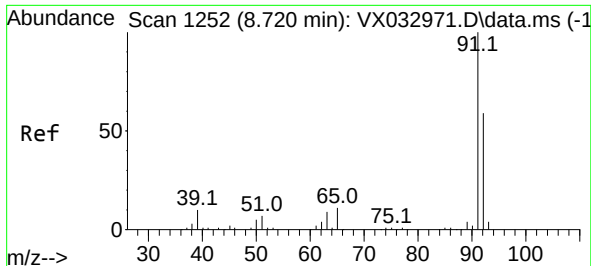
Tgt Ion: 98 Resp: 148854
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 184.2 30.9 46.3#

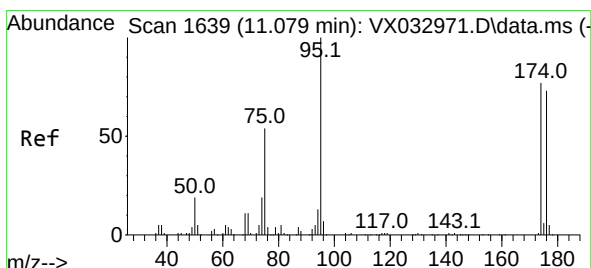
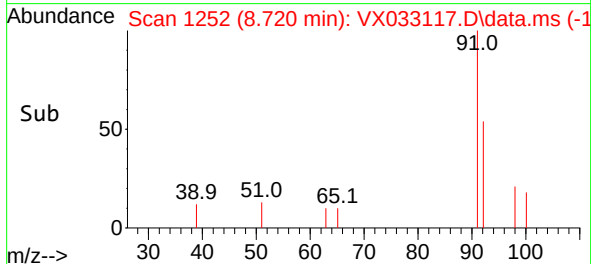
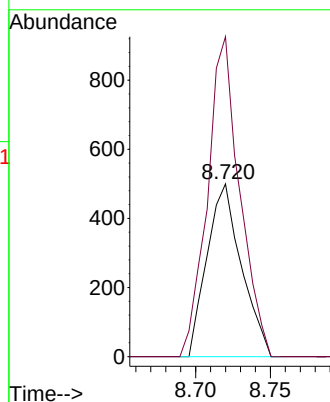
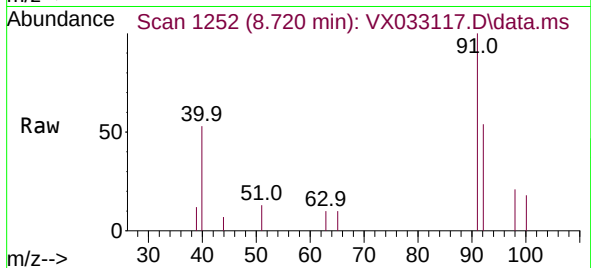




#52
Toluene
Concen: 0.263 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

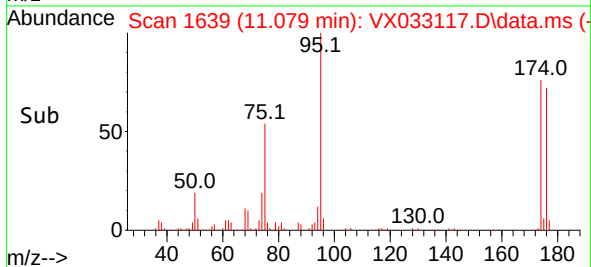
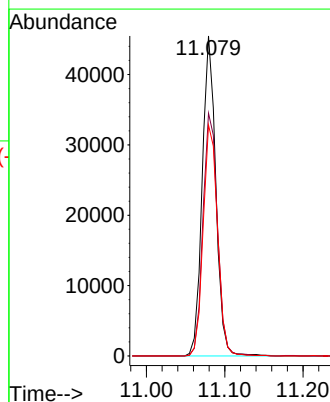
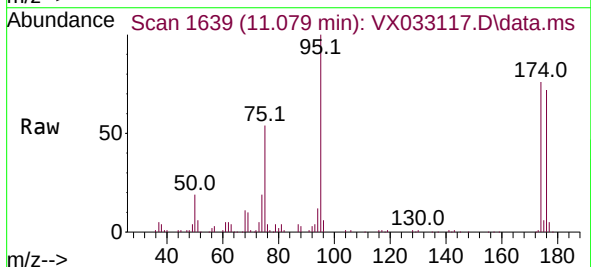
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

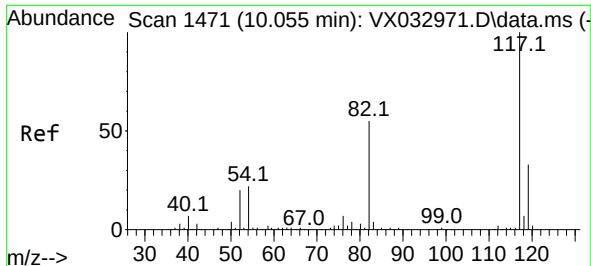
Tgt Ion: 92 Resp: 799
Ion Ratio Lower Upper
92 100
91 174.1 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 40.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion: 95 Resp: 54809
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 76.5 0.0 154.4

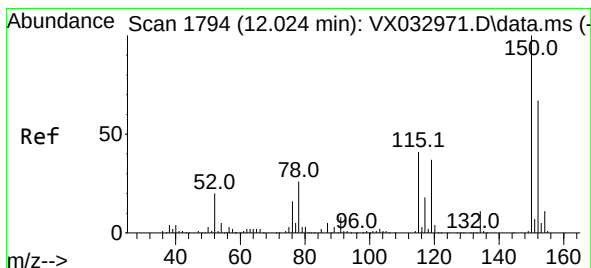
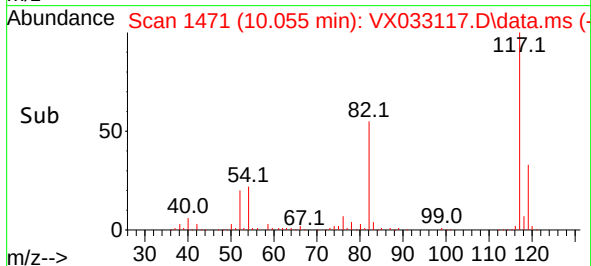
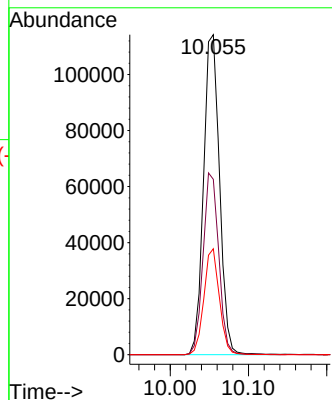
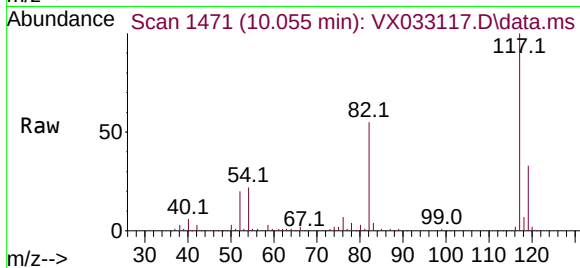




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

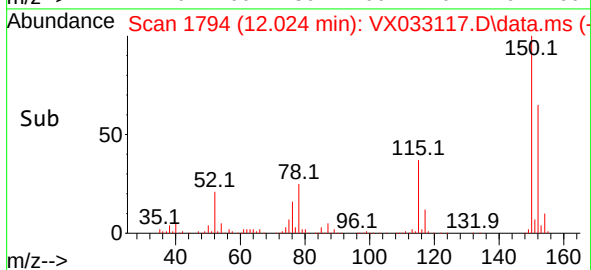
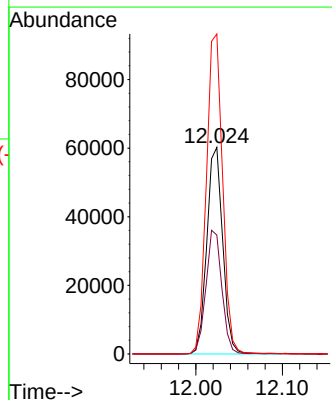
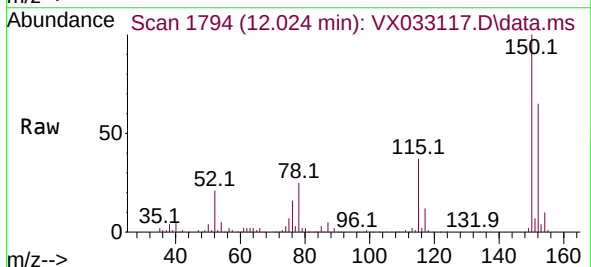
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

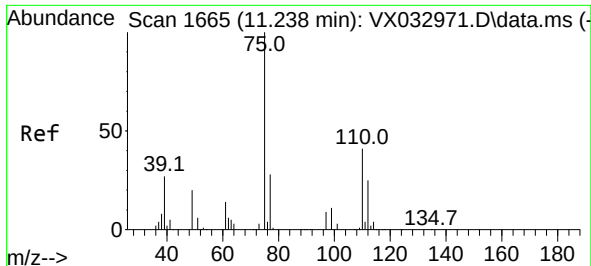
Tgt Ion:117 Resp: 161694
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion:152 Resp: 76719
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.4 0.0 351.8

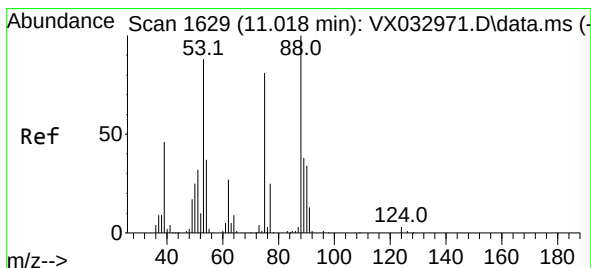
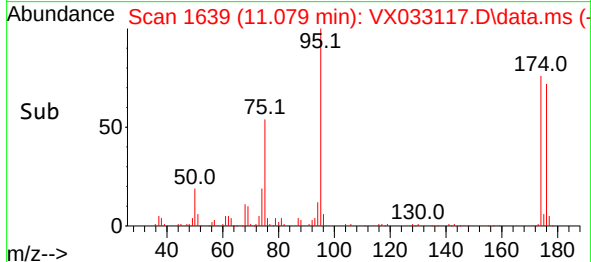
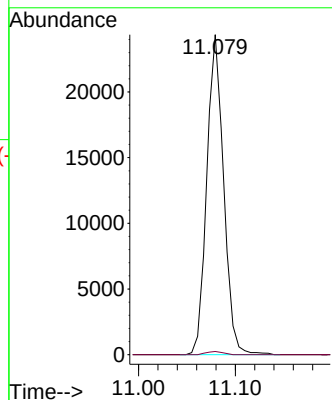
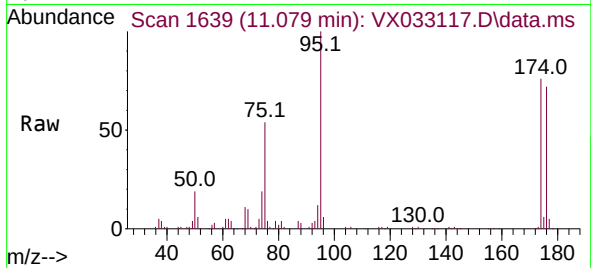




#76
1,2,3-Trichloropropane
Concen: 20.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

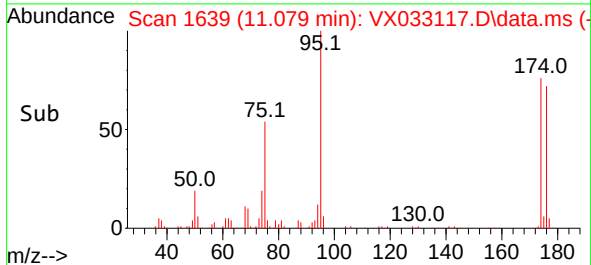
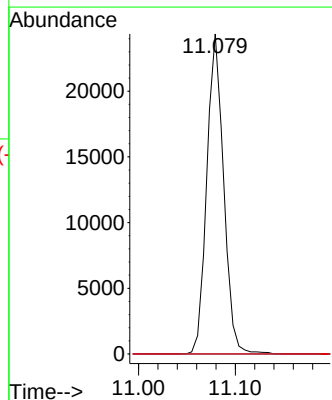
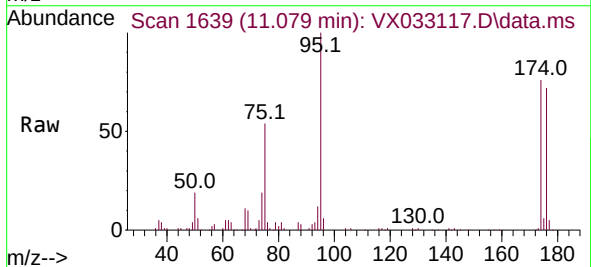
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

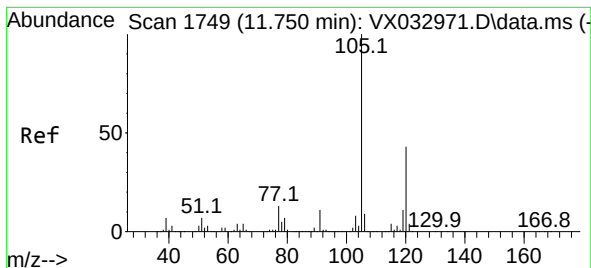
Tgt Ion: 75 Resp: 29556
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033117.D
Acq: 29 Nov 2022 15:29

Tgt Ion: 75 Resp: 29556
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.230 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

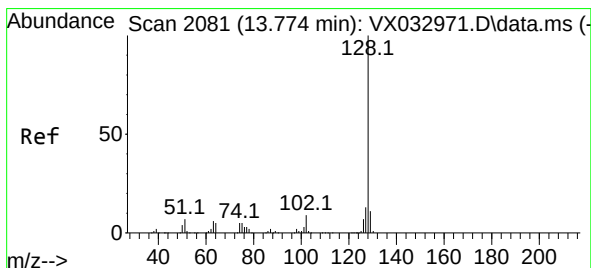
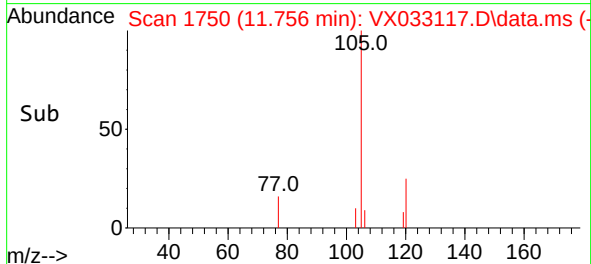
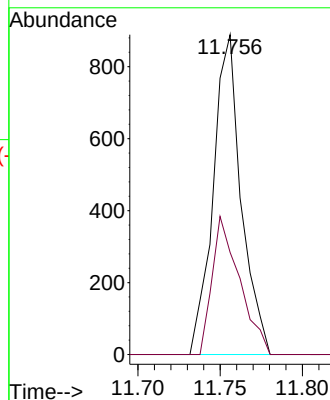
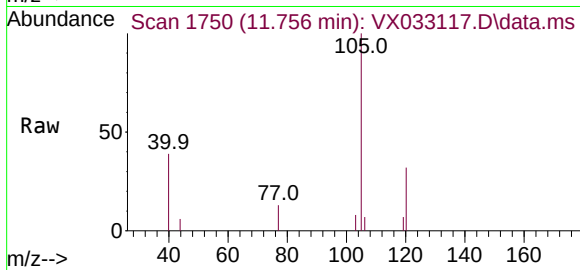
NWB-1861

Tgt Ion:105 Resp: 1055

Ion Ratio Lower Upper

105 100

120 42.2 21.9 65.5



#95

Naphthalene

Concen: 0.203 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX033117.D

Acq: 29 Nov 2022 15:29

Tgt Ion:128 Resp: 997

Ion Ratio Lower Upper

128 100

127 8.9 10.2 15.4#

129 11.5 8.9 13.3

