

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033118.D
 Acq On : 29 Nov 2022 16:06
 Operator : JC/MD
 Sample : N5805-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1861

Quant Time: Nov 30 01:03:52 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.	T.Q	Ion	Response	Conc	Units	Dev(Min)

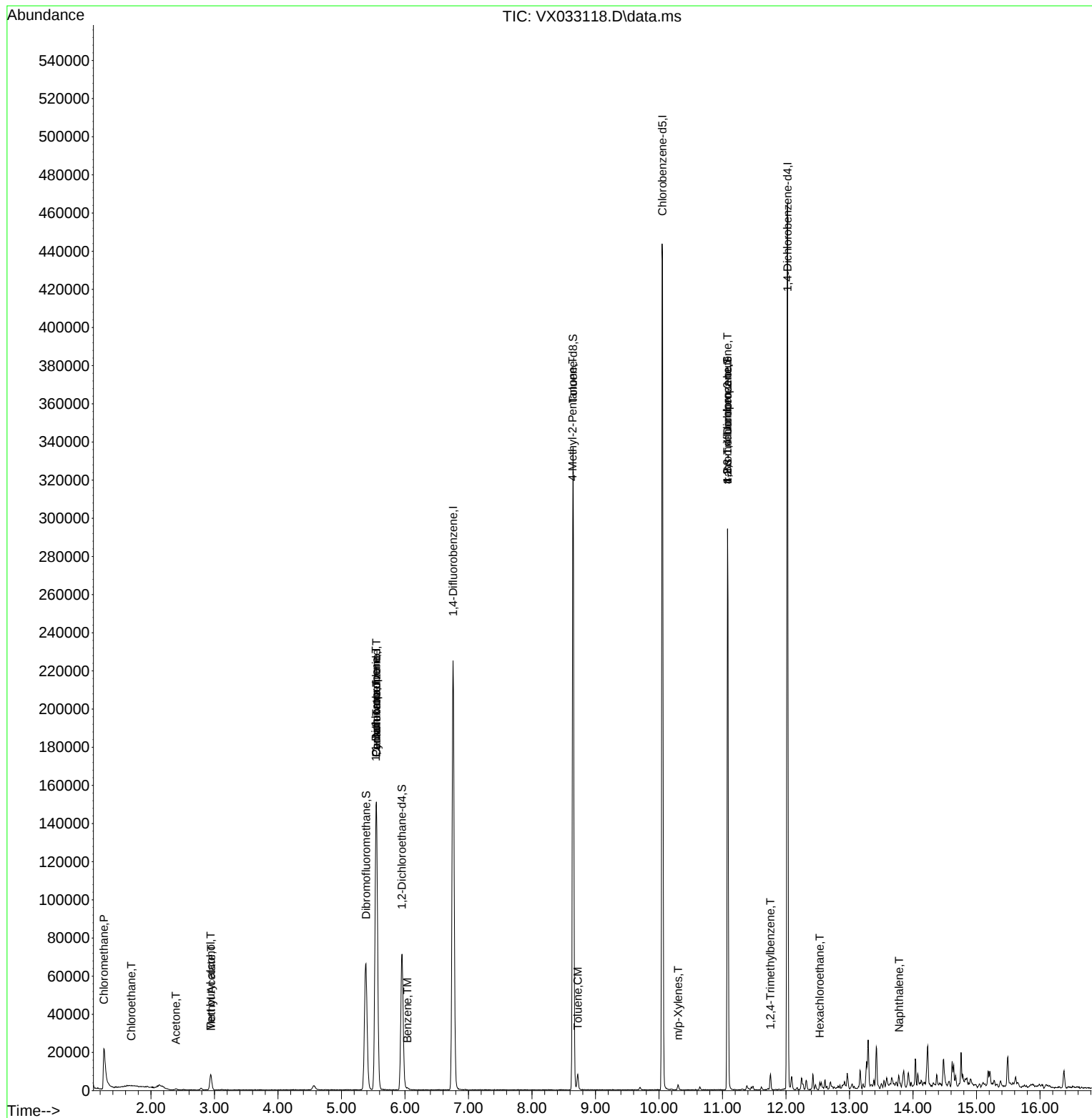
Internal Standards							
1) Pentafluorobenzene	5.550	168		143153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114		227512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		204391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		96991	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65		71687	51.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.660%	
35) Dibromofluoromethane	5.385	113		58617	45.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%	
50) Toluene-d8	8.647	98		195902	50.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	11.079	95		72119	42.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.600%	
Target Compounds							
							Qvalue
3) Chloromethane	1.258	50		1021	0.865	ug/l #	43
6) Chloroethane	1.691	64		317	0.296	ug/l	98
11) Tert butyl alcohol	2.941	59		4939	22.349	ug/l #	72
16) Acetone	2.392	43		846	1.299	ug/l #	79
18) Methyl Acetate	2.947	43		771	0.428	ug/l #	51
20) Methylene Chloride	2.788	84		474	Below Cal	#	84
31) Cyclohexane	5.550	56		3265	1.445	ug/l #	10
36) 1,1-Dichloropropene	5.544	75		11332	5.525	ug/l #	50
38) Carbon Tetrachloride	5.550	117		15075	6.626	ug/l #	16
40) Benzene	6.038	78		1258	0.219	ug/l	95
51) 4-Methyl-2-Pentanone	8.641	43		886	0.485	ug/l #	1
52) Toluene	8.720	92		3261	0.862	ug/l	98
68) m/p-Xylenes	10.299	106		688	0.243	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75		40014	21.784	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75		40014	70.808	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105		3967	0.683	ug/l	94
90) Hexachloroethane	12.530	117		233	0.241	ug/l #	12
95) Naphthalene	13.780	128		3644	0.588	ug/l	98

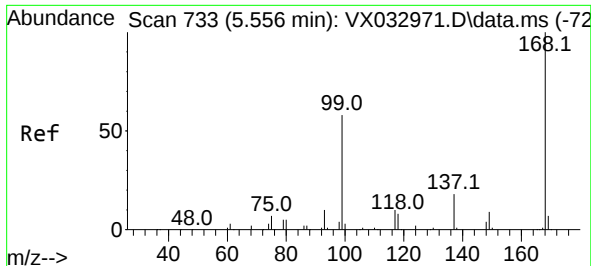
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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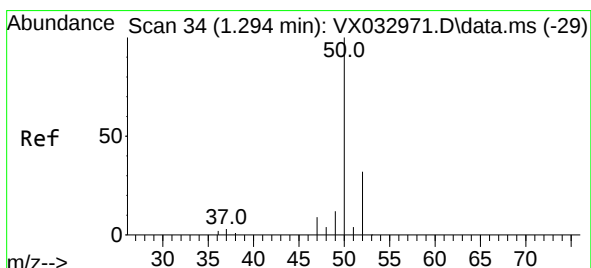
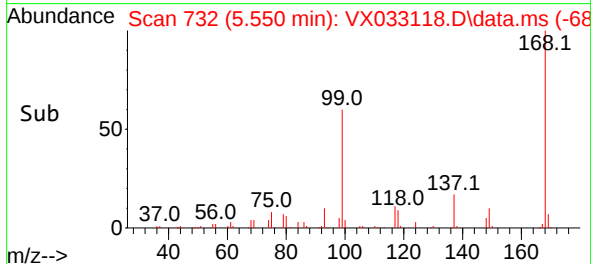
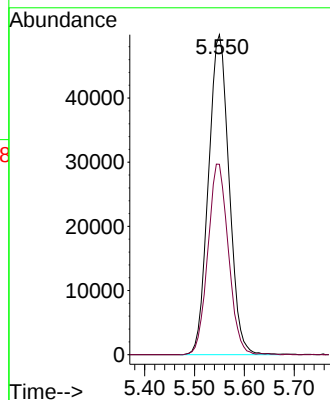
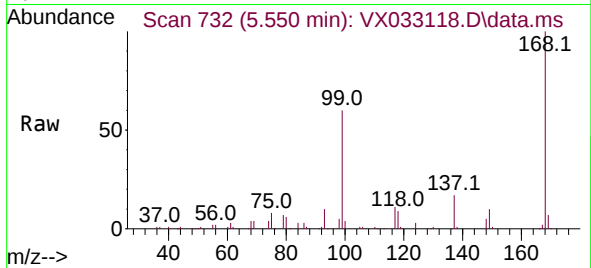




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

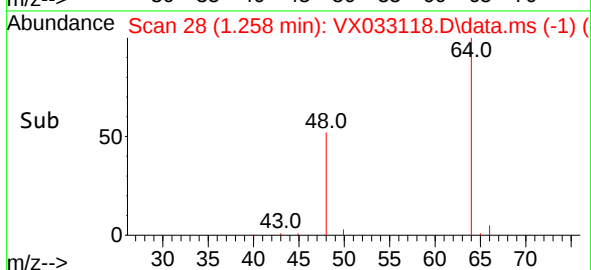
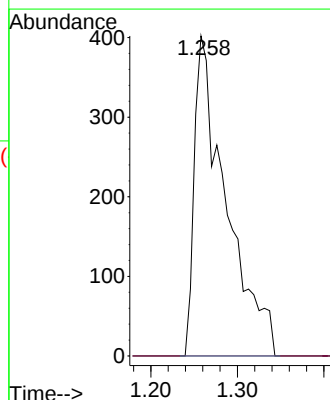
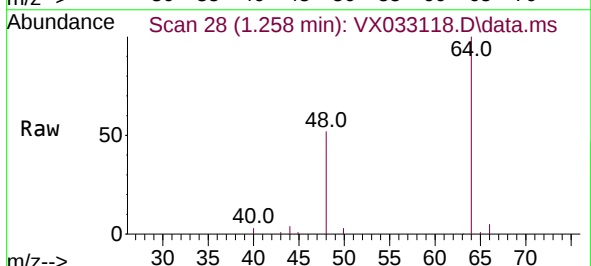
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

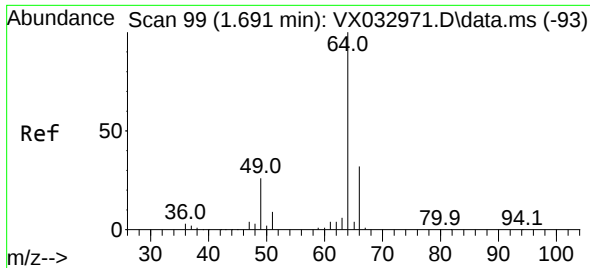
Tgt Ion:168 Resp: 143153
Ion Ratio Lower Upper
168 100
99 59.5 46.1 69.1



#3
Chloromethane
Concen: 0.865 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 50 Resp: 1021
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

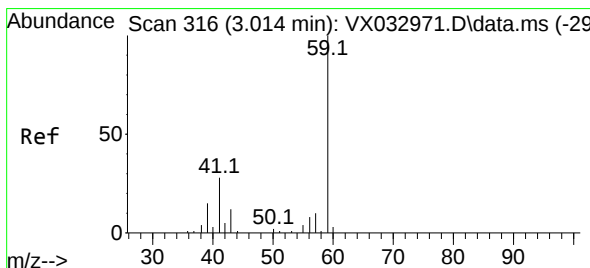
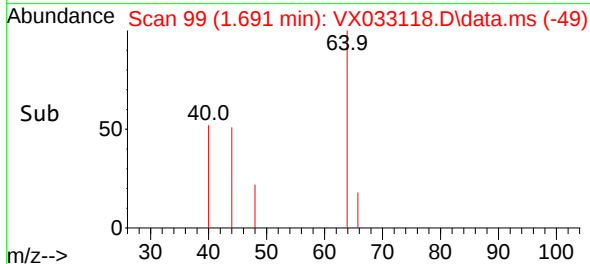
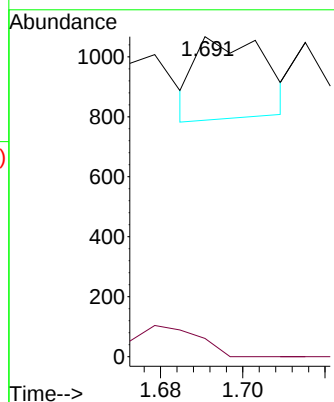
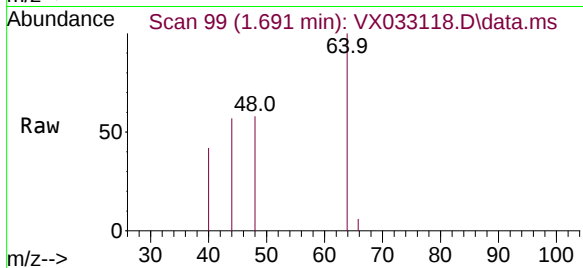




#6
Chloroethane
Concen: 0.296 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

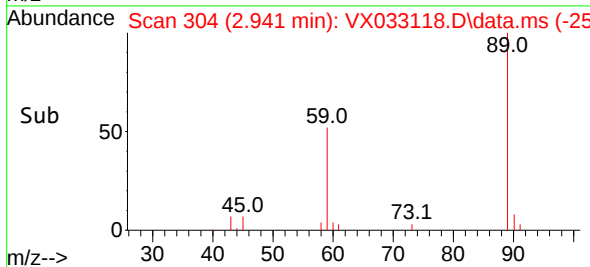
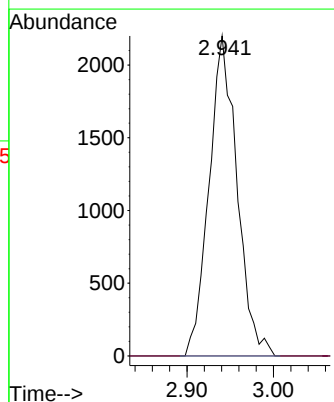
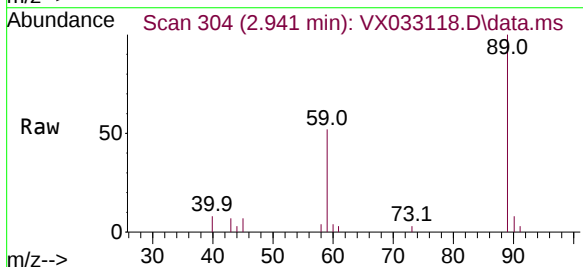
Instrument :
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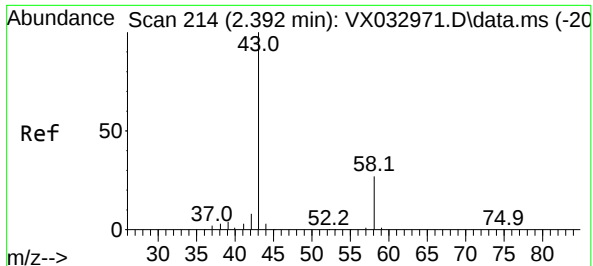
Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0



#11
Tert butyl alcohol
Concen: 22.349 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 59 Resp: 4939
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

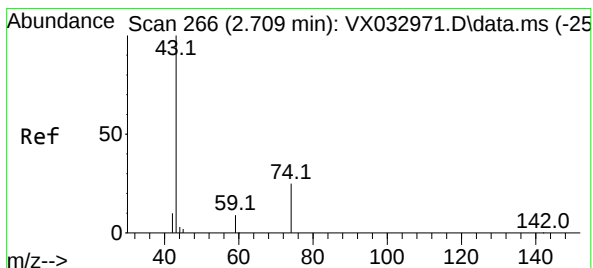
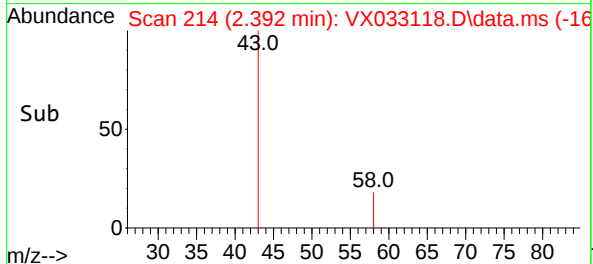
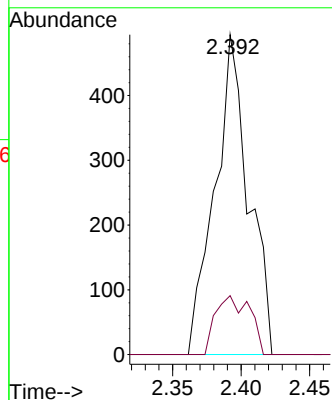
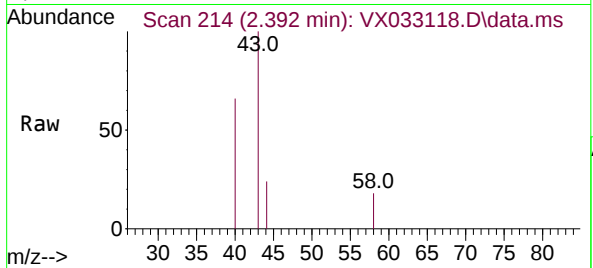




#16
Acetone
Concen: 1.299 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

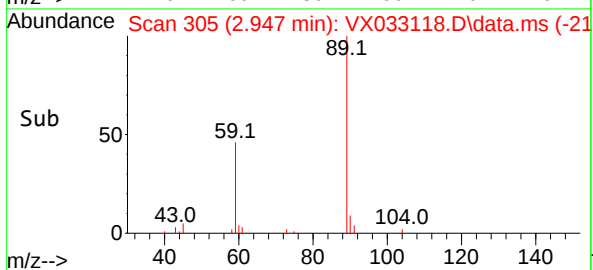
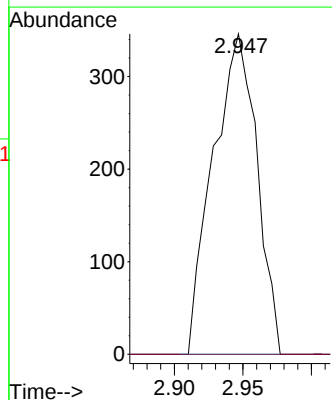
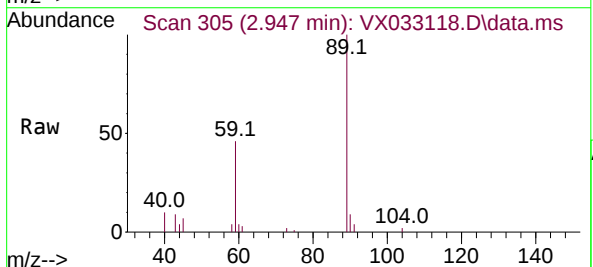
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

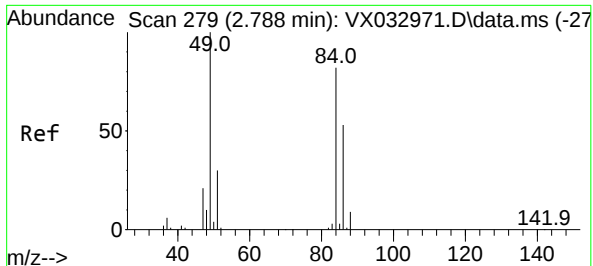
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 18.4 23.8 35.8#



#18
Methyl Acetate
Concen: 0.428 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.244 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

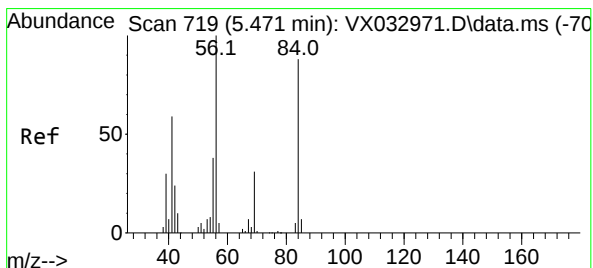
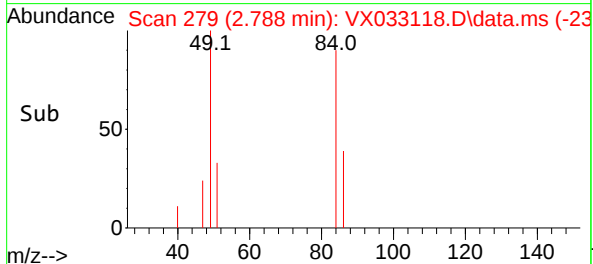
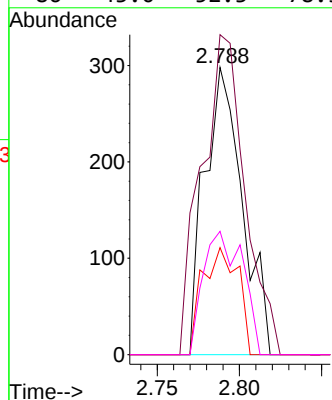
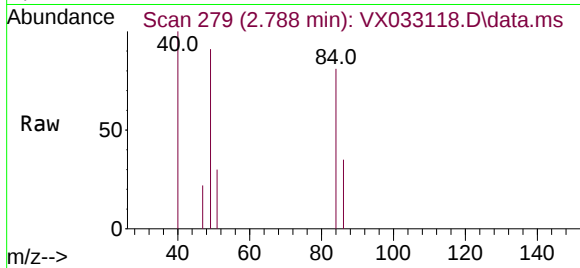




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

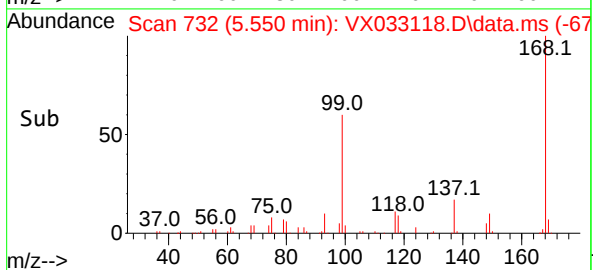
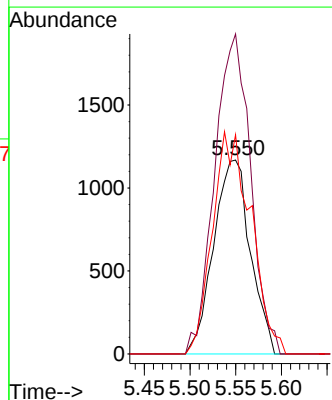
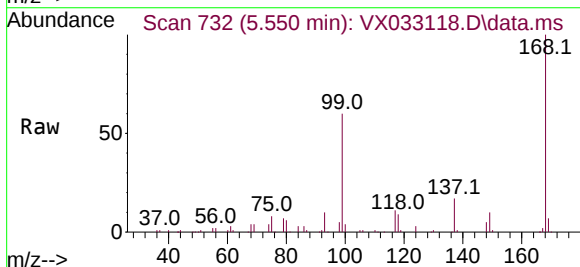
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

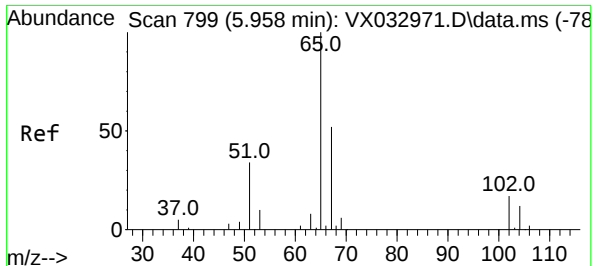
Tgt Ion:	84	Resp:	474
Ion	Ratio	Lower	Upper
84	100		
49	111.4	101.0	151.6
51	37.2	31.1	46.7
86	43.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.445 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion:	56	Resp:	3265
Ion	Ratio	Lower	Upper
56	100		
69	165.1	24.1	36.1#
84	113.1	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.332 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033118.D

Acq: 29 Nov 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

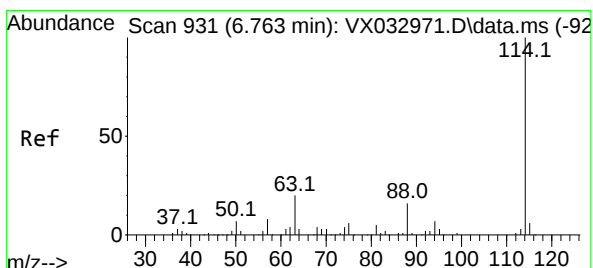
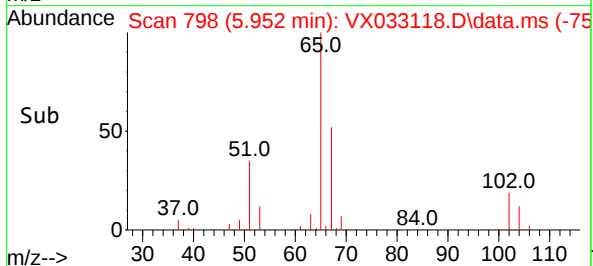
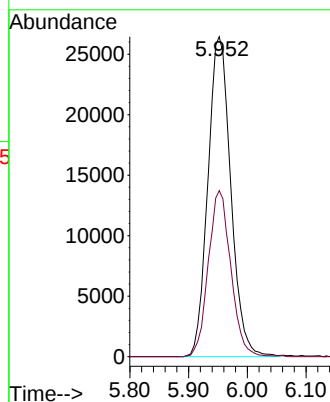
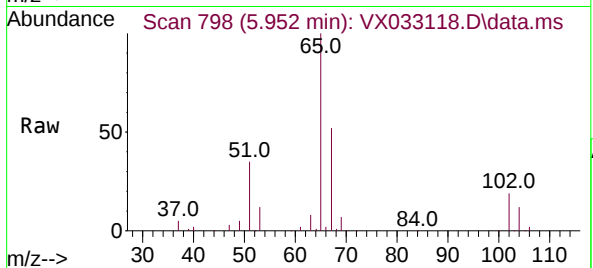
NWB-1861

Tgt Ion: 65 Resp: 71687

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033118.D

Acq: 29 Nov 2022 16:06

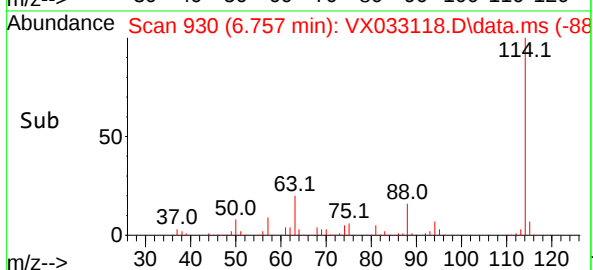
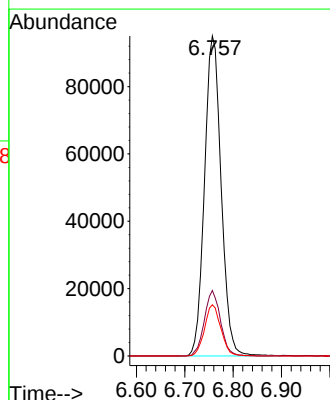
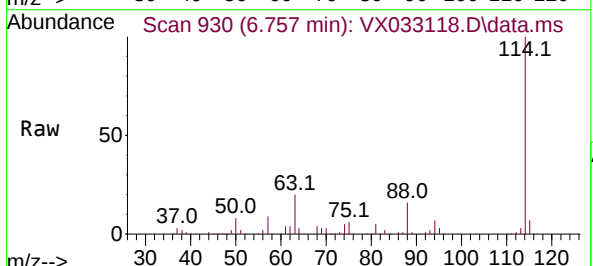
Tgt Ion: 114 Resp: 227512

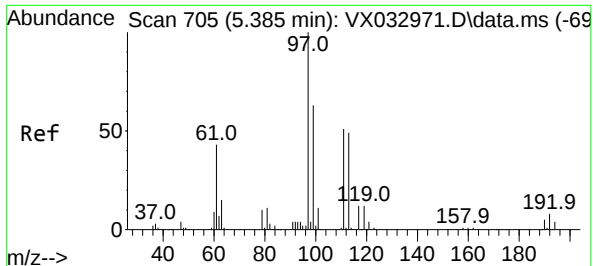
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 16.0 0.0 33.4

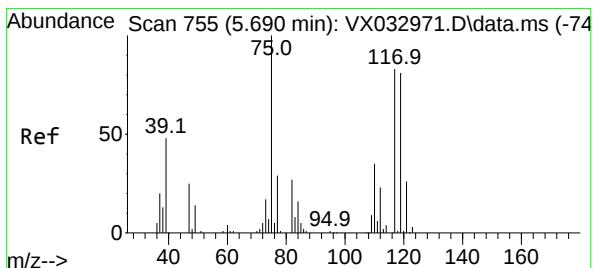
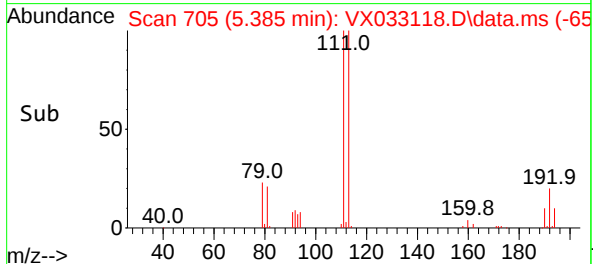
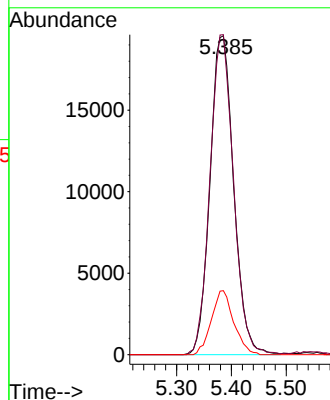
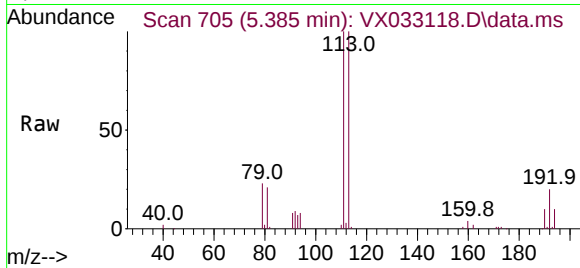




#35
Dibromofluoromethane
Concen: 45.701 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

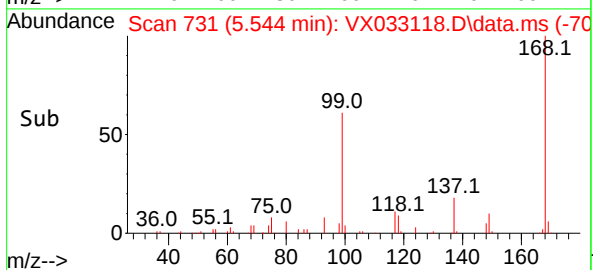
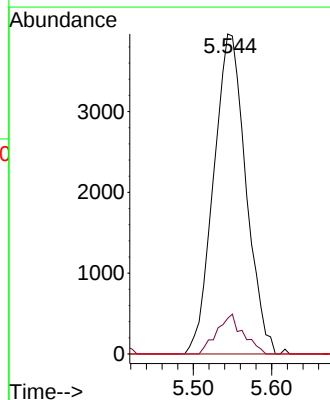
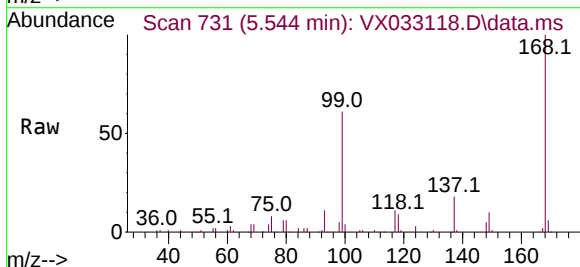
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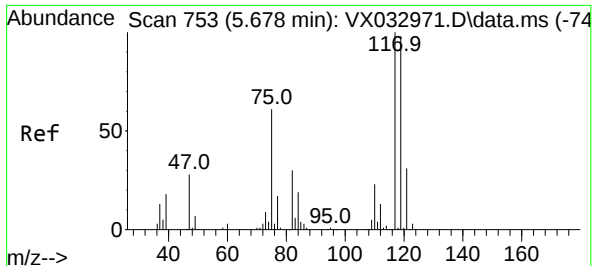
Tgt Ion:113 Resp: 58617
Ion Ratio Lower Upper
113 100
111 99.8 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.525 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 75 Resp: 11332
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#

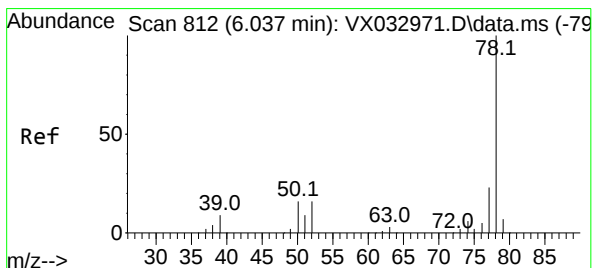
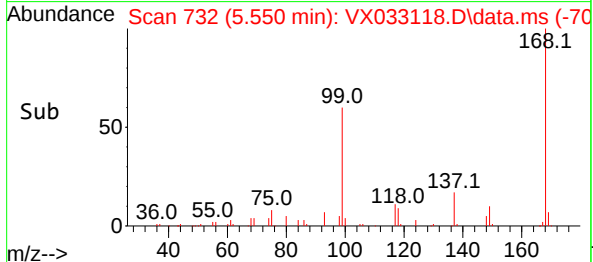
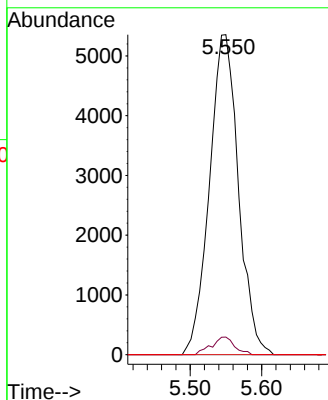
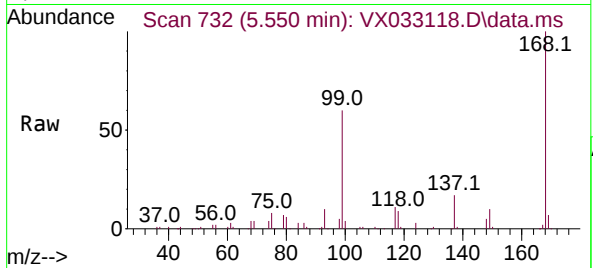




#38
Carbon Tetrachloride
Concen: 6.626 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

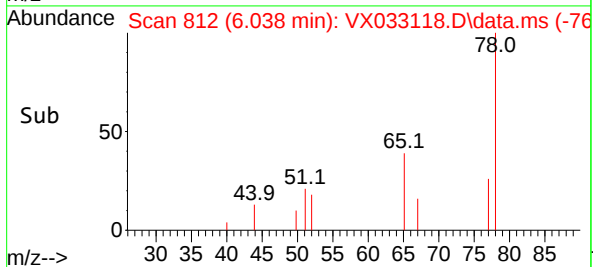
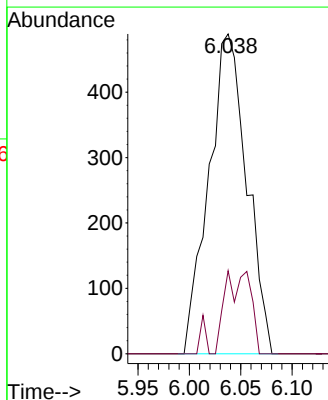
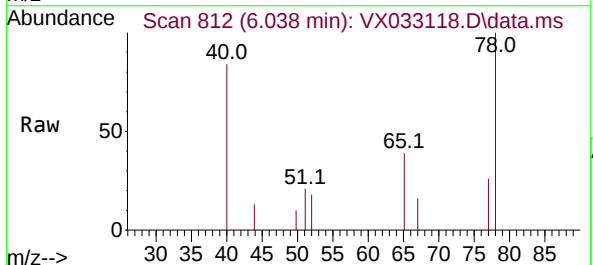
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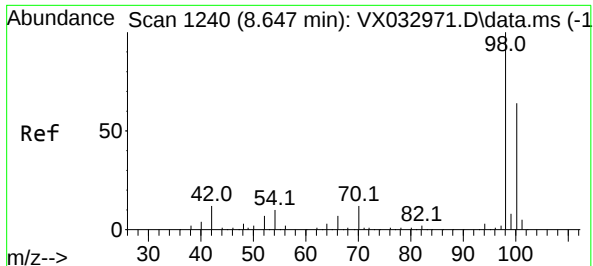
Tgt Ion:117 Resp: 15075
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 0.219 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 78 Resp: 1258
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.4





#50

Toluene-d8

Concen: 50.797 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033118.D

Acq: 29 Nov 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

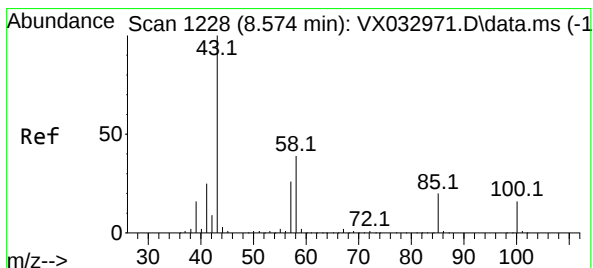
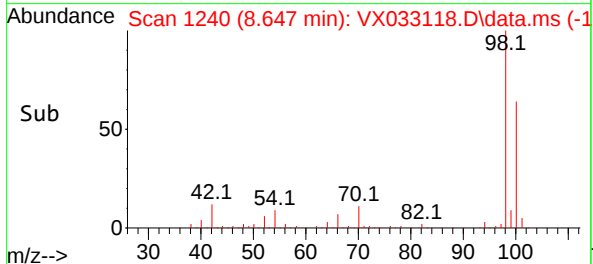
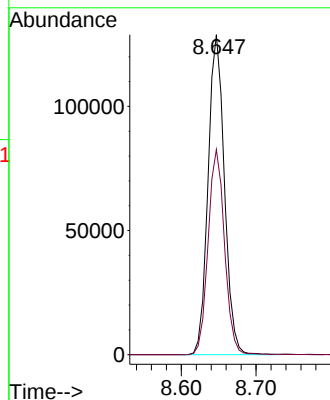
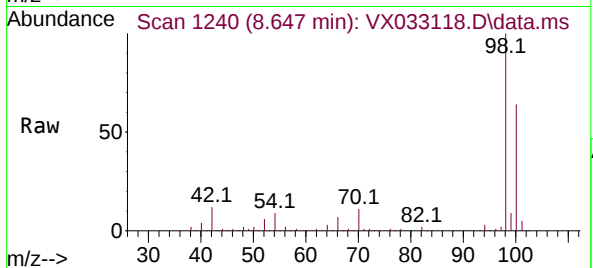
NWB-1861

Tgt Ion: 98 Resp: 195902

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX033118.D

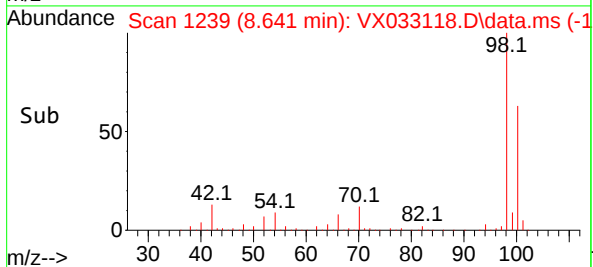
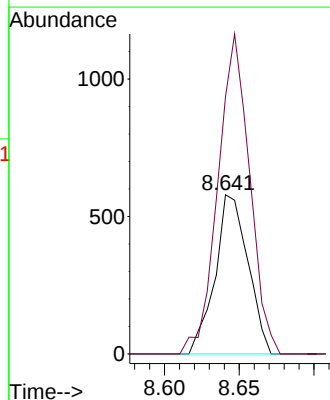
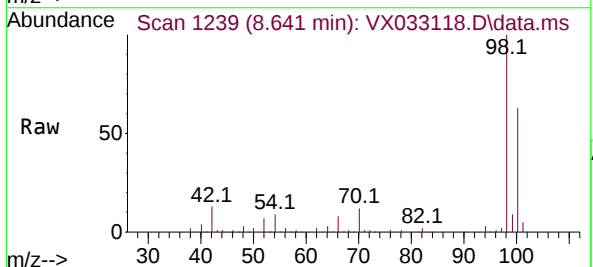
Acq: 29 Nov 2022 16:06

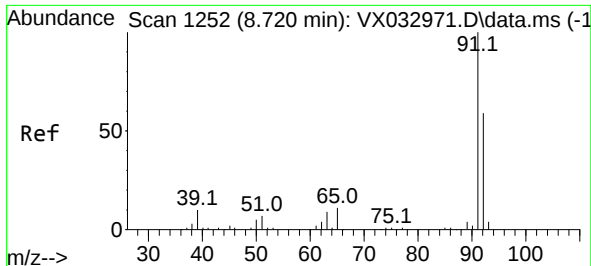
Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

58 193.5 30.9 46.3#

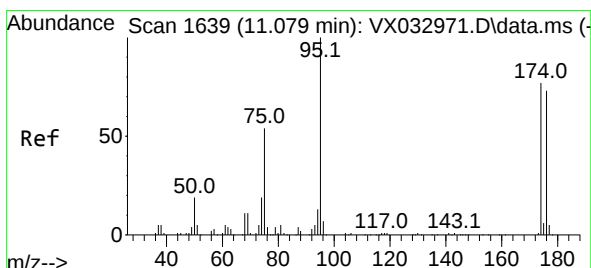
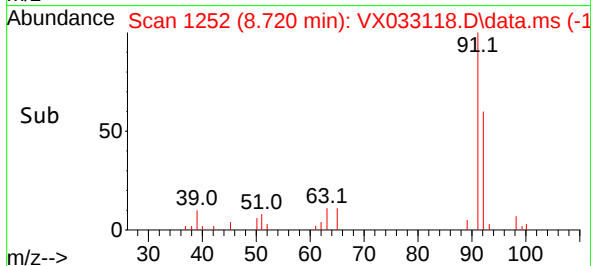
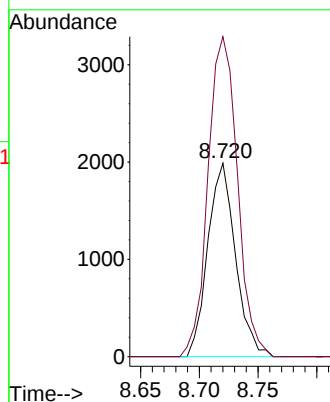
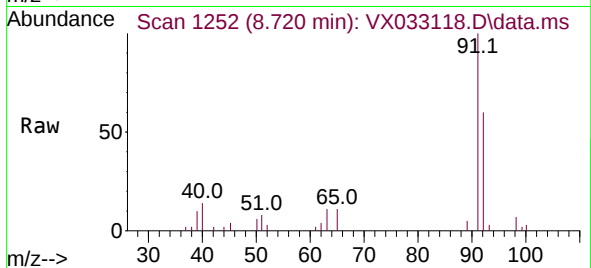




#52
Toluene
Concen: 0.862 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

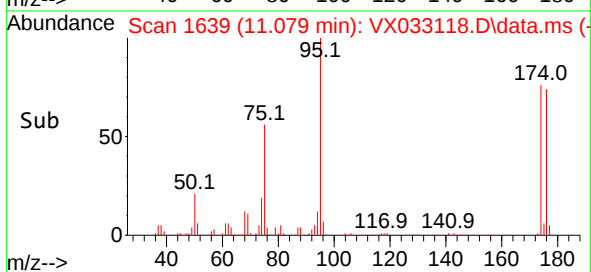
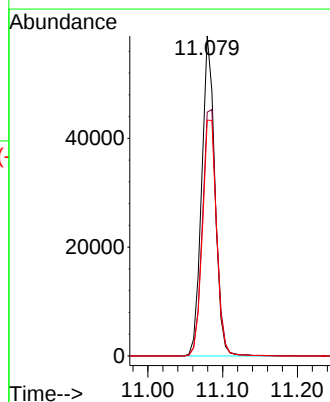
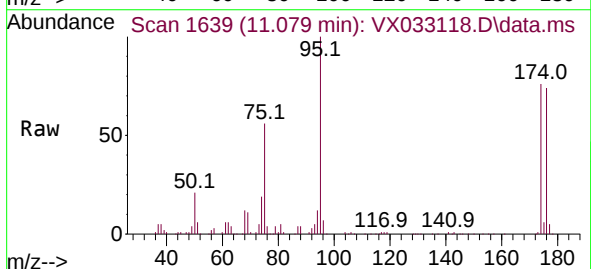
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

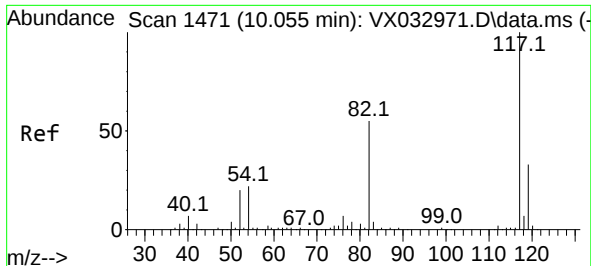
Tgt Ion: 92 Resp: 3261
Ion Ratio Lower Upper
92 100
91 175.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 42.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 95 Resp: 72119
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.2 0.0 154.4

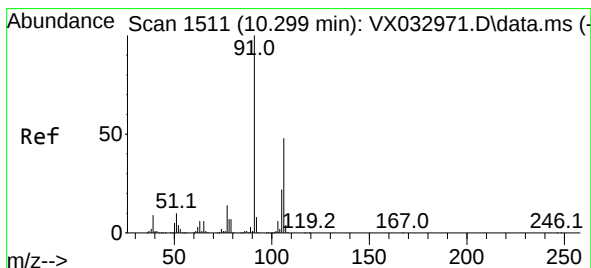
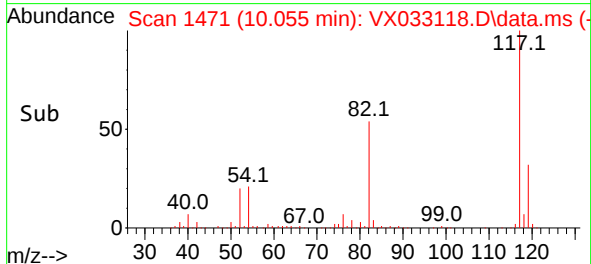
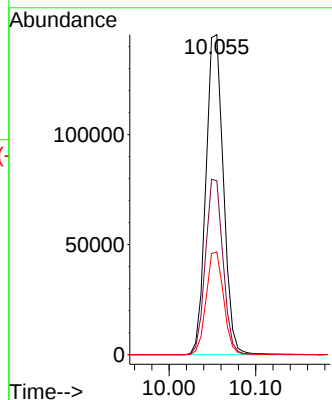
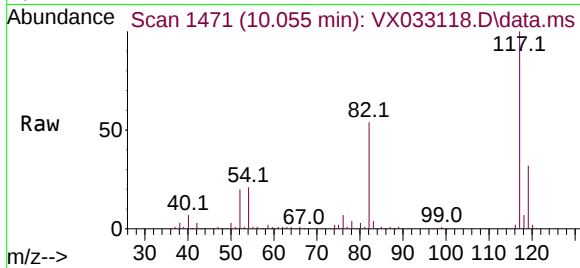




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

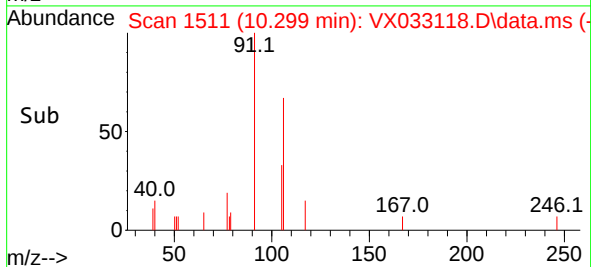
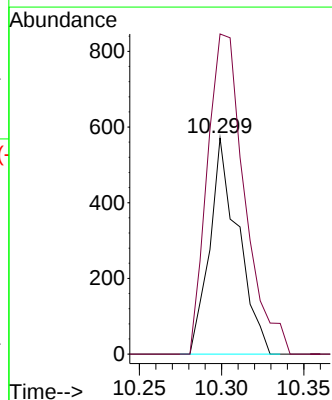
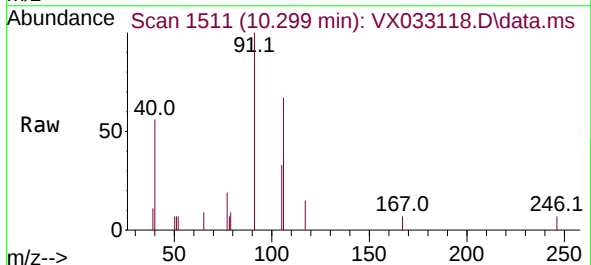
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

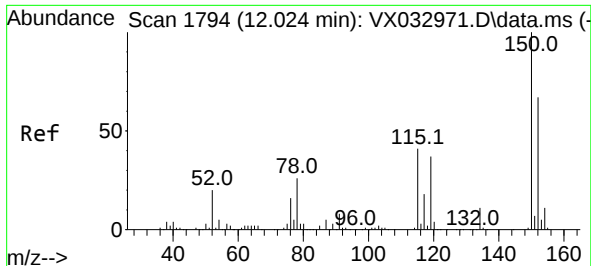
Tgt Ion:117 Resp: 204391
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 0.243 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion:106 Resp: 688
Ion Ratio Lower Upper
106 100
91 193.9 164.5 246.7

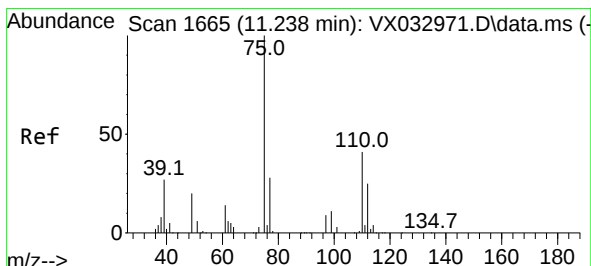
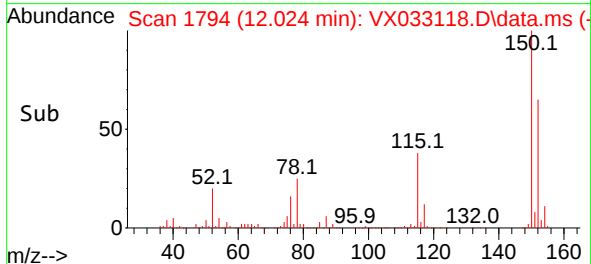
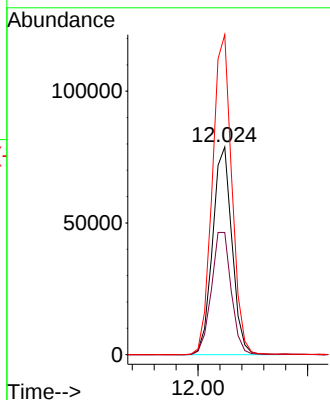
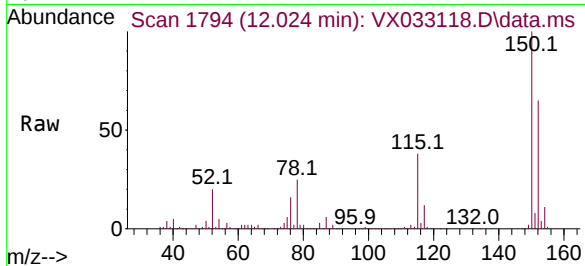




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX033118.D
 Acq: 29 Nov 2022 16:06

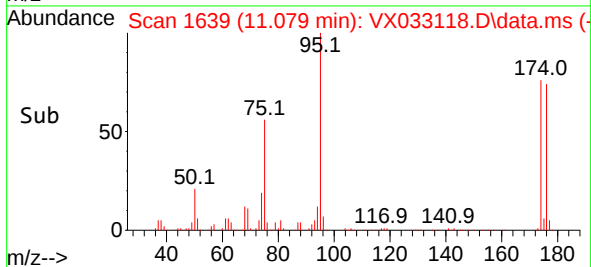
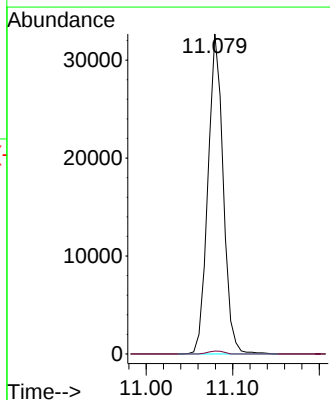
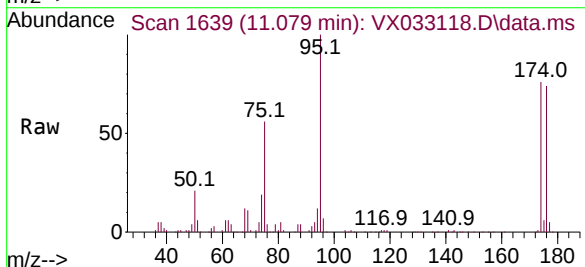
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1861

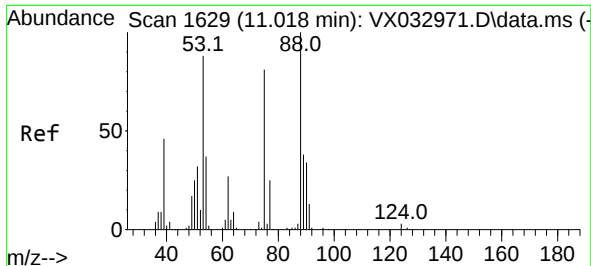
Tgt Ion:152 Resp: 96991
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.0 132.0
 150 155.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.784 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033118.D
 Acq: 29 Nov 2022 16:06

Tgt Ion: 75 Resp: 40014
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#

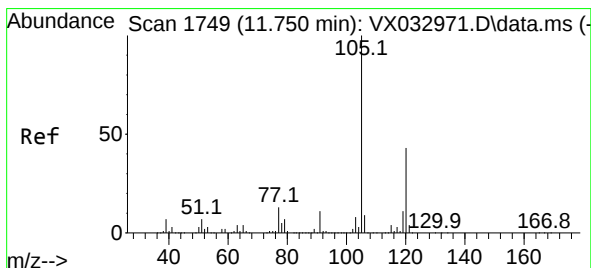
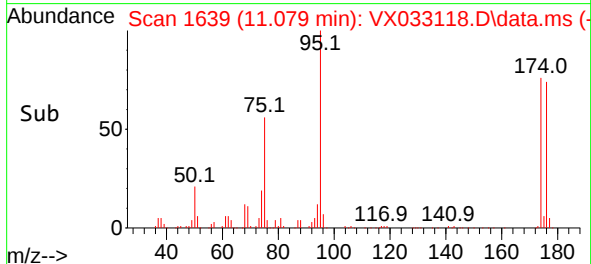
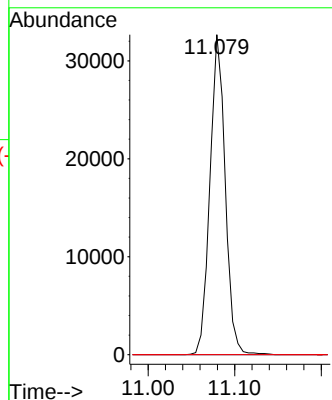
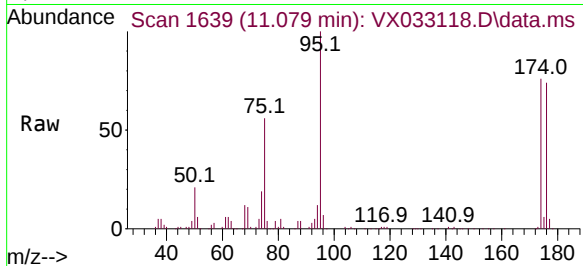




#81
trans-1,4-Dichloro-2-butene
Concen: 70.808 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

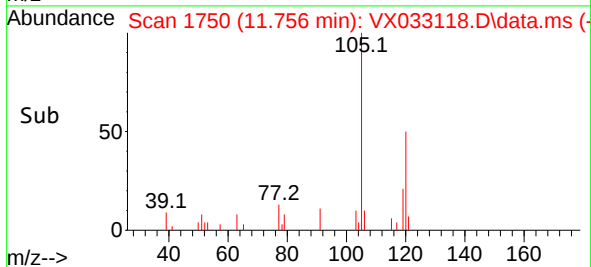
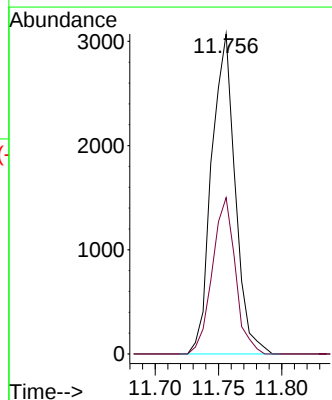
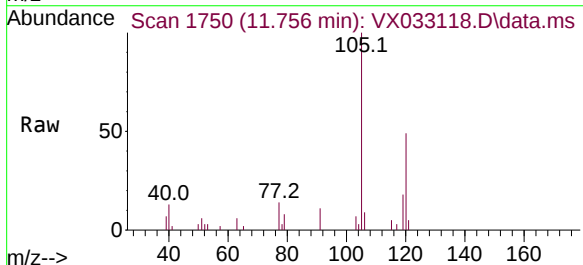
Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

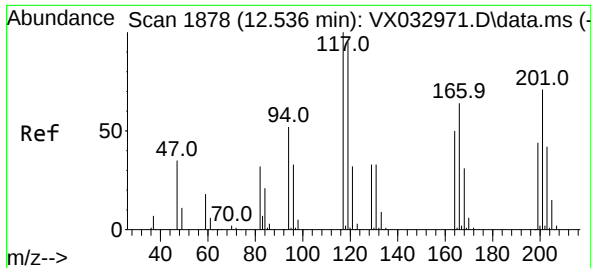
Tgt Ion: 75 Resp: 40014
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.683 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion: 105 Resp: 3967
Ion Ratio Lower Upper
105 100
120 47.9 21.9 65.5

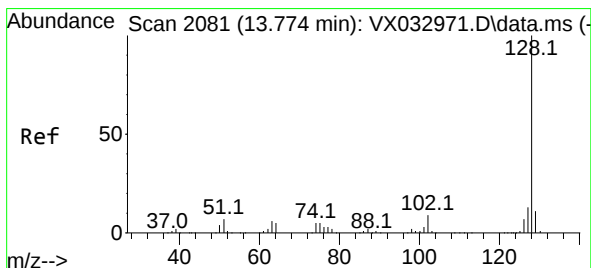
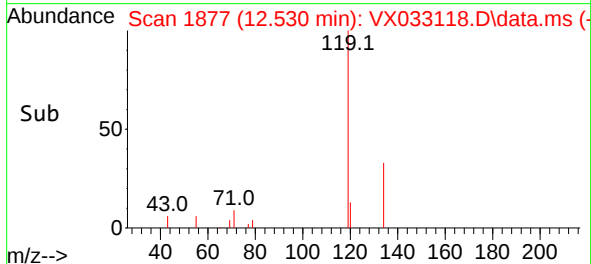
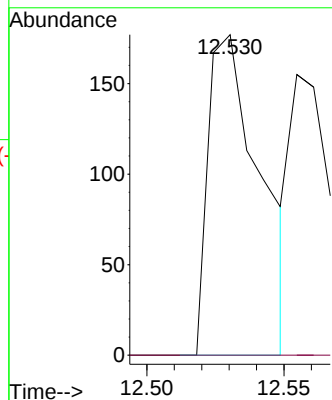
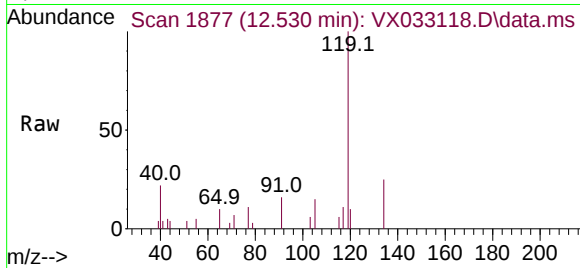




#90
Hexachloroethane
Concen: 0.241 ug/l
RT: 12.530 min Scan# 1878
Delta R.T. -0.012 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :
NWB-1861

Tgt Ion:117 Resp: 233
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#95
Naphthalene
Concen: 0.588 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033118.D
Acq: 29 Nov 2022 16:06

Tgt Ion:128 Resp: 3644
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 11.4 8.9 13.3

