

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034191.D
 Acq On : 20 Feb 2023 16:33
 Operator : JC/MD
 Sample : 01575-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1887

Quant Time: Feb 21 01:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

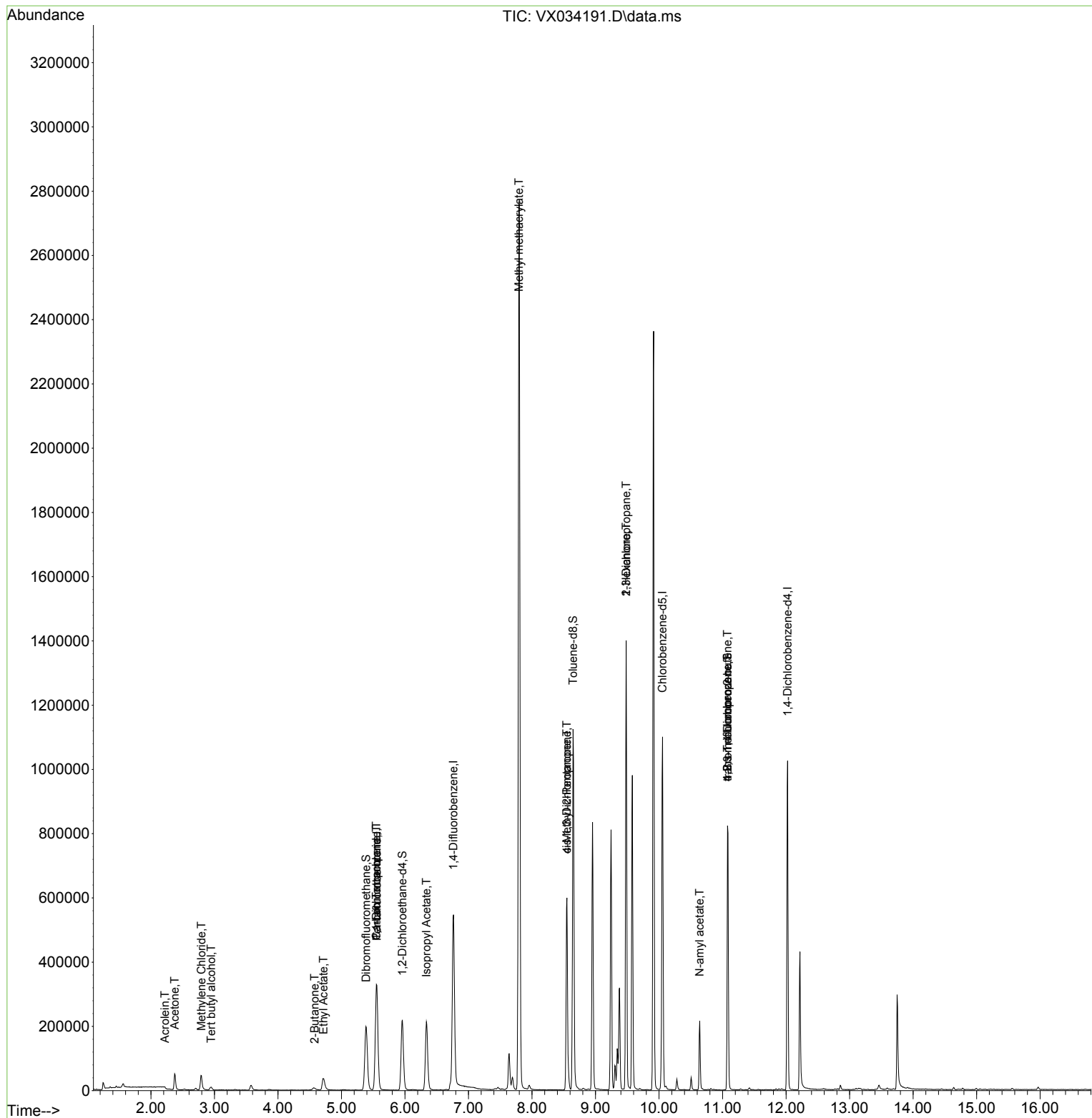
Internal Standards						
1) Pentafluorobenzene	5.556	168	334055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	558041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199041	44.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.480%
35) Dibromofluoromethane	5.385	113	176283	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.646	98	665015	50.978	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	228258	45.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	102	Below Cal	#	3
11) Tert butyl alcohol	2.946	59	6200	6.162	ug/l #	87
13) Acrolein	2.221	56	553	1.204	ug/l #	68
16) Acetone	2.373	43	52537	22.638	ug/l	94
20) Methylene Chloride	2.794	84	22358	5.347	ug/l	91
25) 2-Butanone	4.574	43	8491	2.529	ug/l	96
36) 1,1-Dichloropropene	5.549	75	24581	4.575	ug/l #	48
37) Ethyl Acetate	4.714	43	69334	11.545	ug/l	98
38) Carbon Tetrachloride	5.549	117	31885	5.766	ug/l #	16
43) Isopropyl Acetate	6.336	43	304437	28.728	ug/l	99
48) Methyl methacrylate	7.793	41	230508	45.828	ug/l #	44
51) 4-Methyl-2-Pentanone	8.549	43	223449	38.324	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	98658	13.984	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	11571	1.708	ug/l #	43
59) 2-Hexanone	9.482	43	161102	36.256	ug/l #	50
74) N-amyl acetate	10.640	43	57161	6.941	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	111746	20.646	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111746	53.038	ug/l #	8

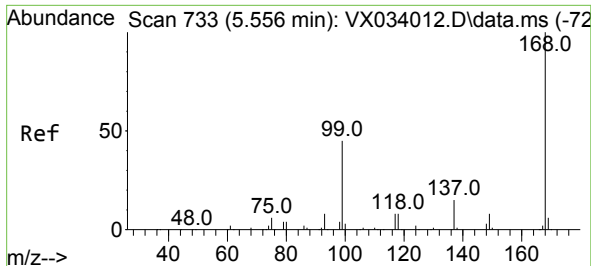
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NWB-1887

Quant Time: Feb 21 01:09:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

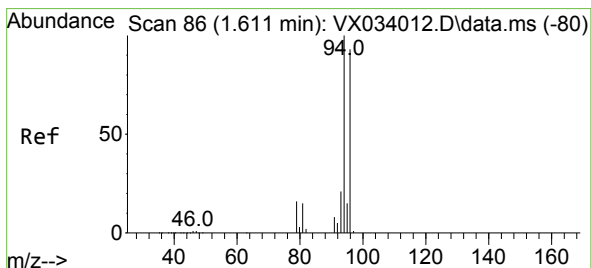
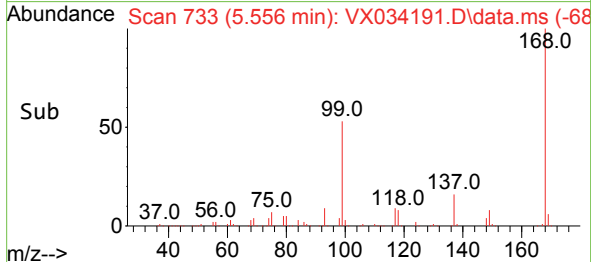
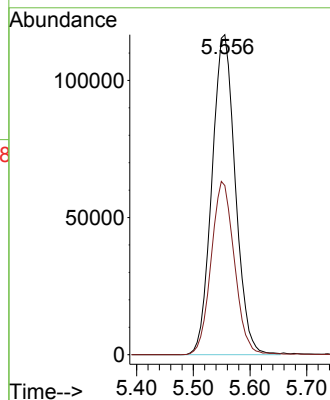
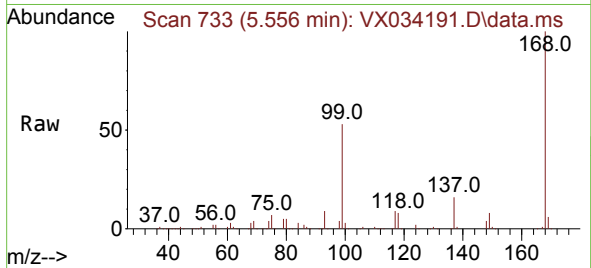




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

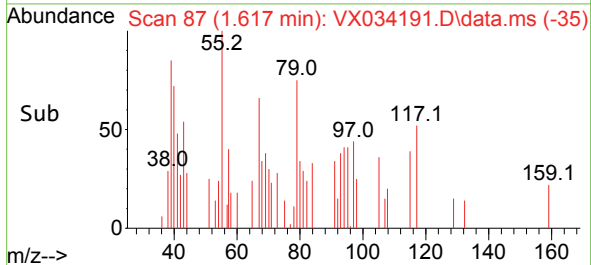
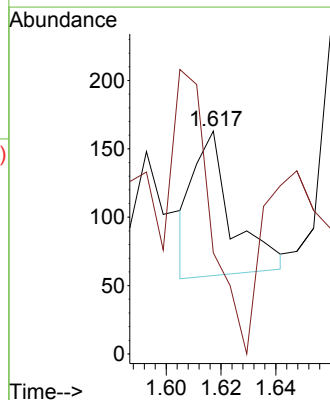
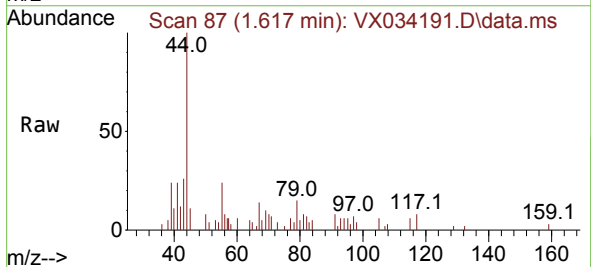
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

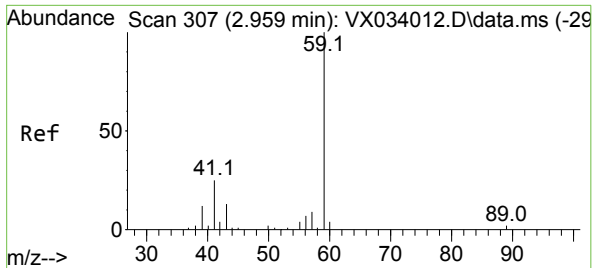
Tgt Ion:168 Resp: 334055
Ion Ratio Lower Upper
168 100
99 52.9 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#

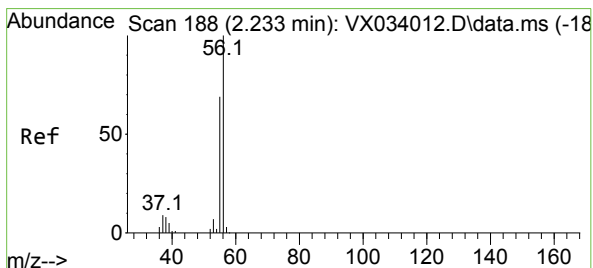
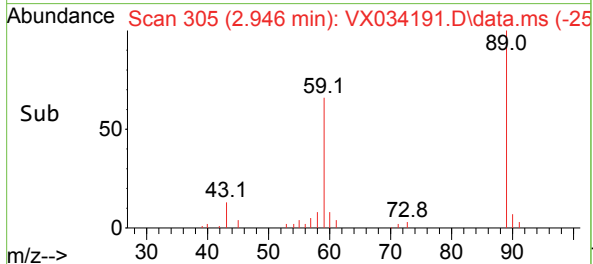
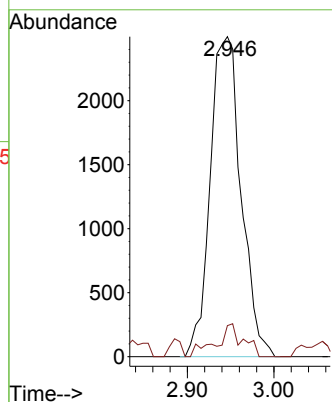
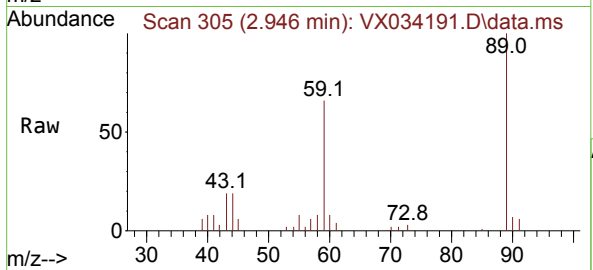




#11
Tert butyl alcohol
Concen: 6.162 ug/l
RT: 2.946 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

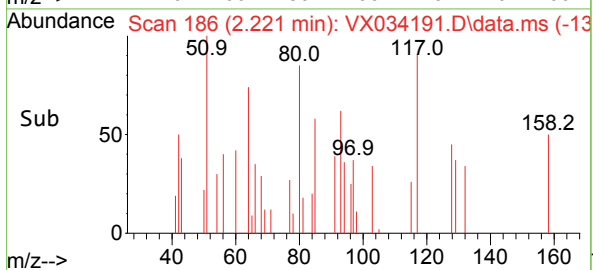
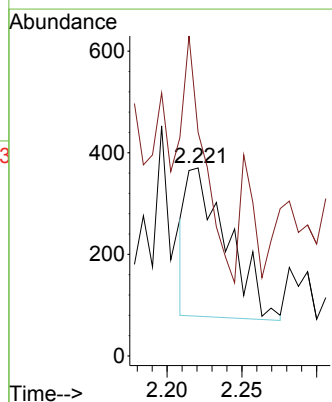
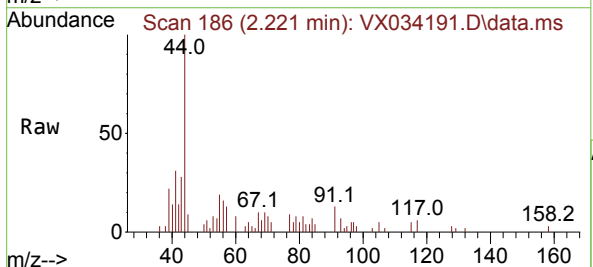
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

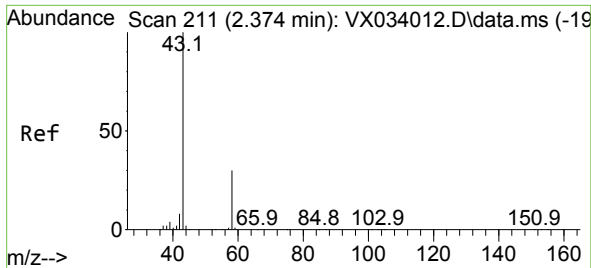
Tgt Ion: 59 Resp: 6200
Ion Ratio Lower Upper
59 100
57 8.8 3.7 5.5#



#13
Acrolein
Concen: 1.204 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 96.4 56.3 84.5#





#16

Acetone

Concen: 22.638 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034191.D

Acq: 20 Feb 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

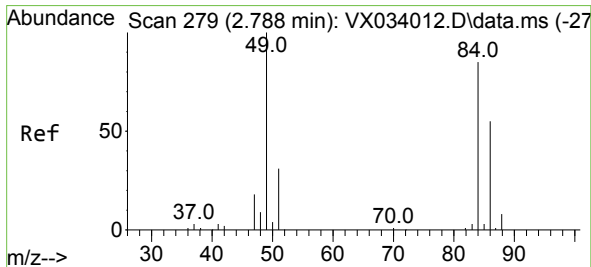
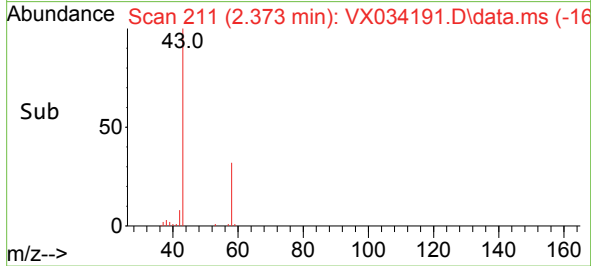
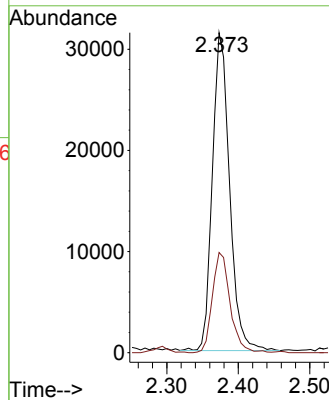
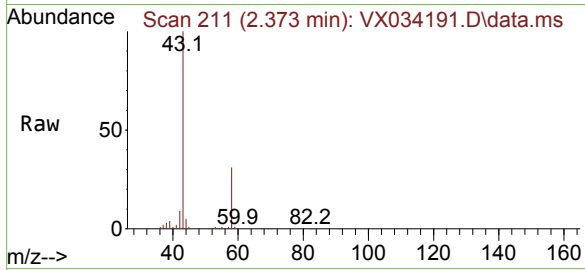
NWB-1887

Tgt Ion: 43 Resp: 52537

Ion Ratio Lower Upper

43 100

58 31.3 22.6 33.8



#20

Methylene Chloride

Concen: 5.347 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX034191.D

Acq: 20 Feb 2023 16:33

Tgt Ion: 84 Resp: 22358

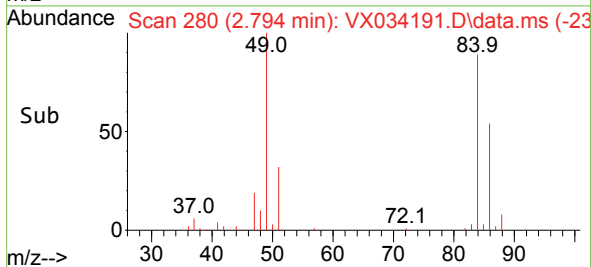
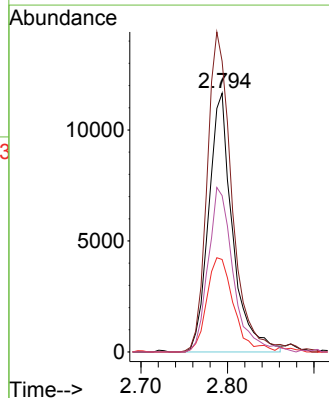
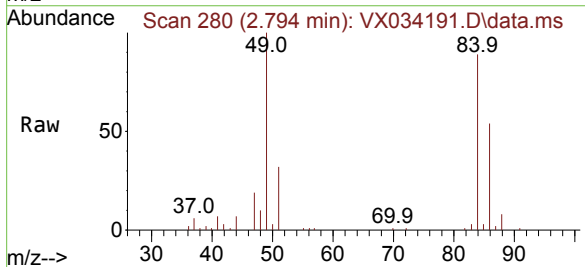
Ion Ratio Lower Upper

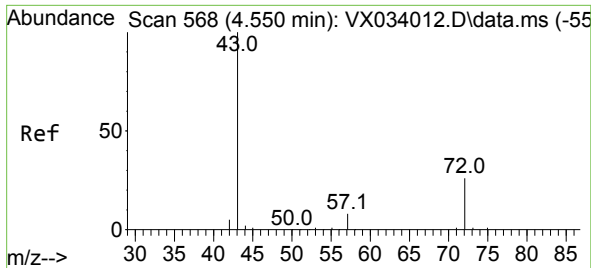
84 100

49 112.4 101.1 151.7

51 35.8 31.0 46.6

86 60.4 52.6 79.0

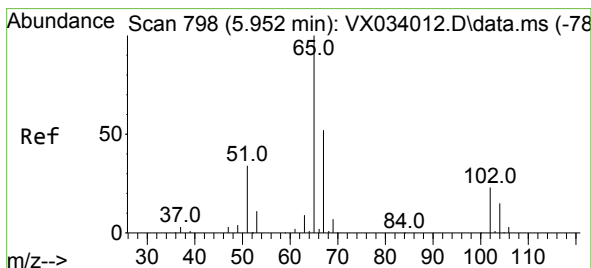
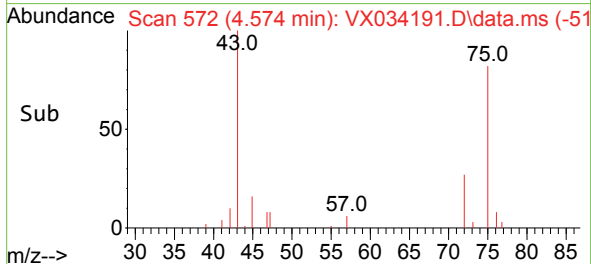
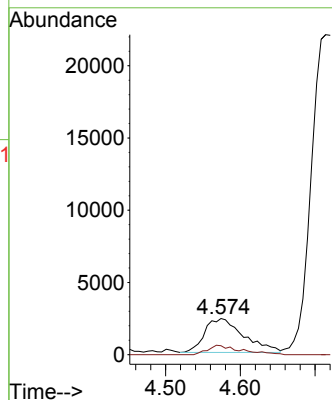
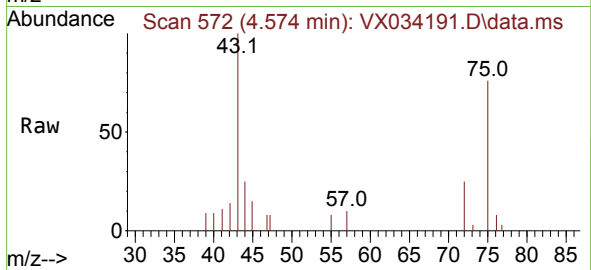




#25
2-Butanone
Concen: 2.529 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

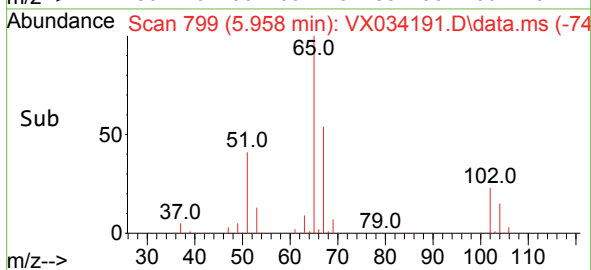
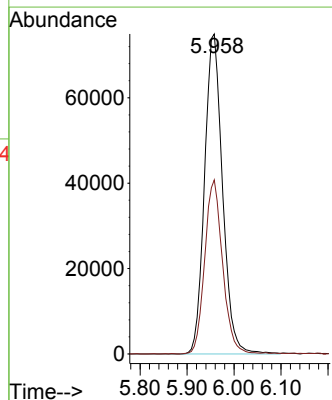
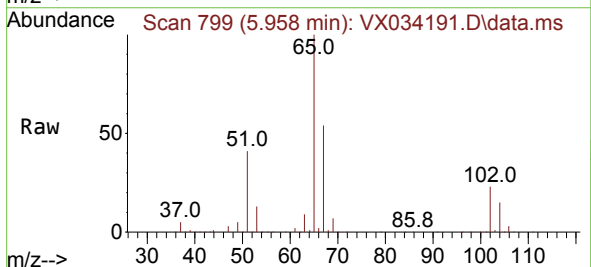
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

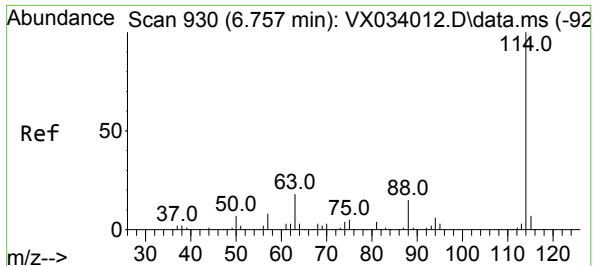
Tgt Ion: 43 Resp: 8491
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.242 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 65 Resp: 199041
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

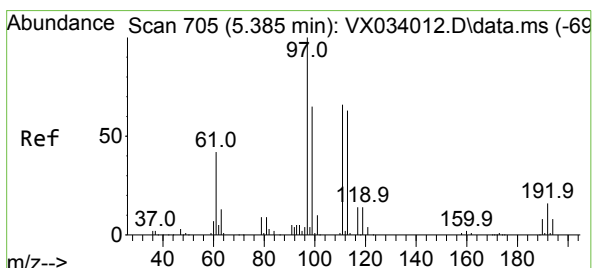
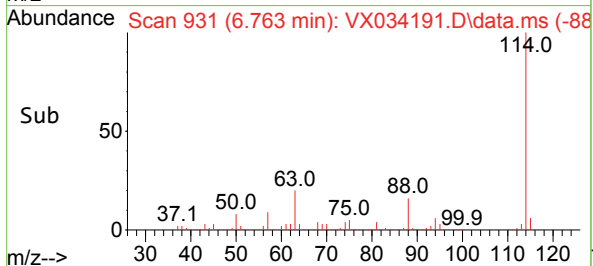
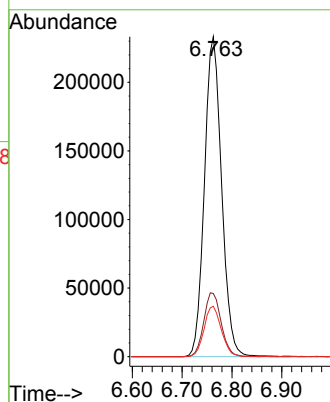
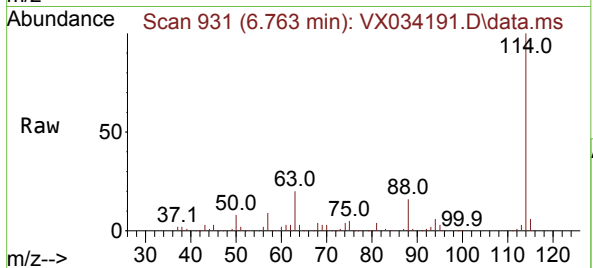




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

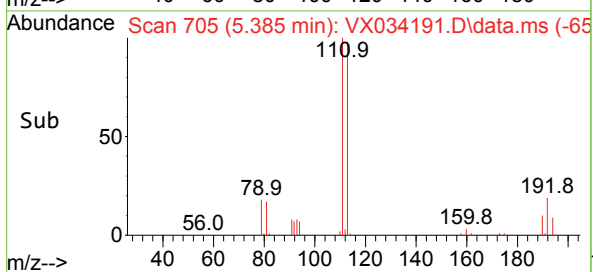
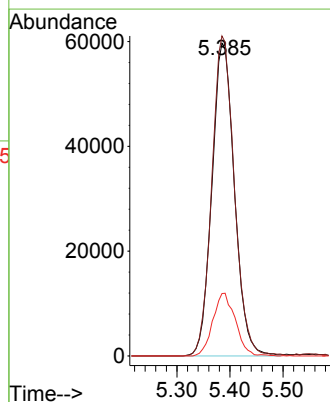
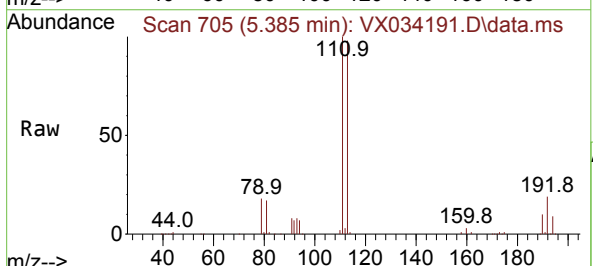
Instrument :
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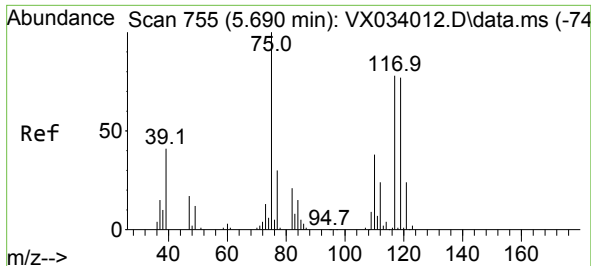
Tgt Ion:114 Resp: 558041
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

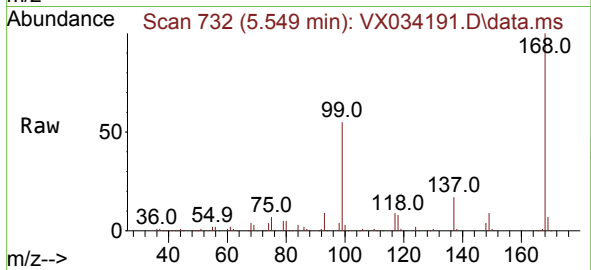
Tgt Ion:113 Resp: 176283
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.1 19.0 28.4



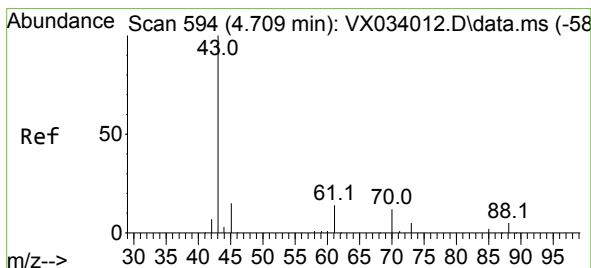
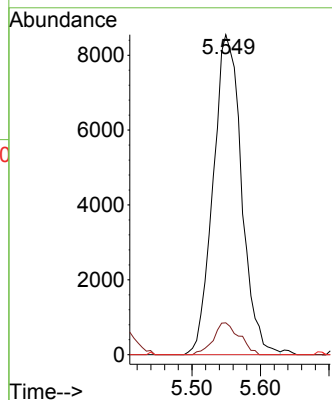
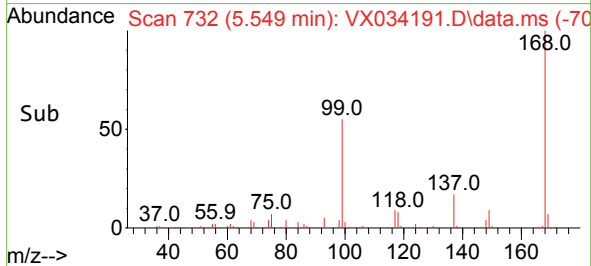


#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Instrument :
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ClientSampleId :
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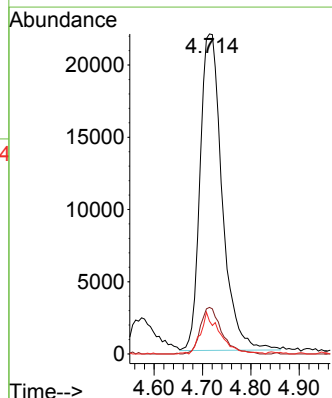
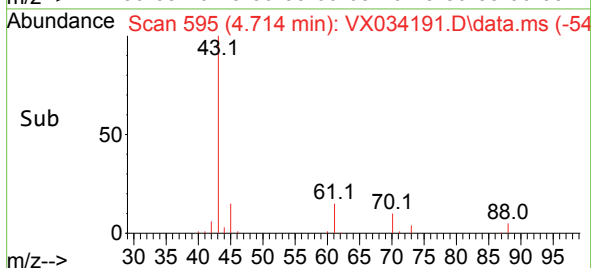
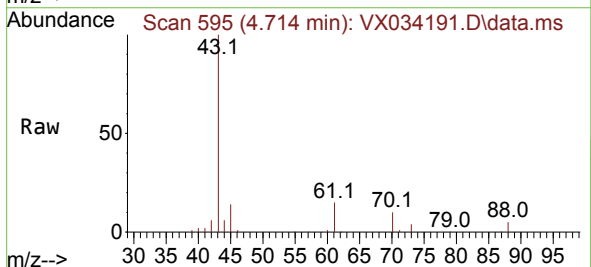


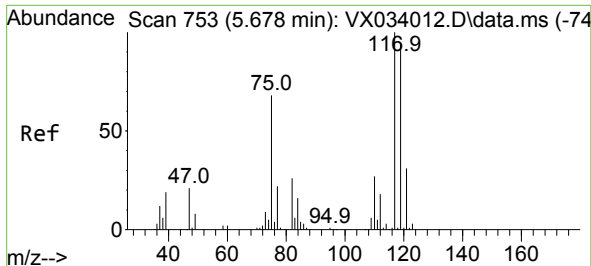
Tgt Ion: 75 Resp: 24581
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 11.545 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

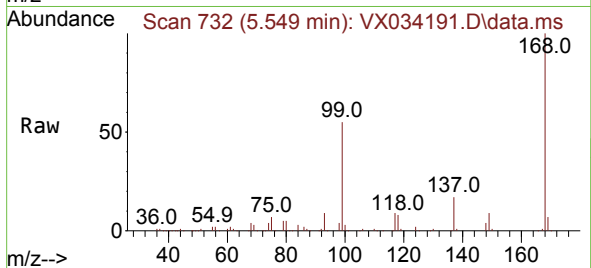
Tgt Ion: 43 Resp: 69334
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.7 8.5 12.7



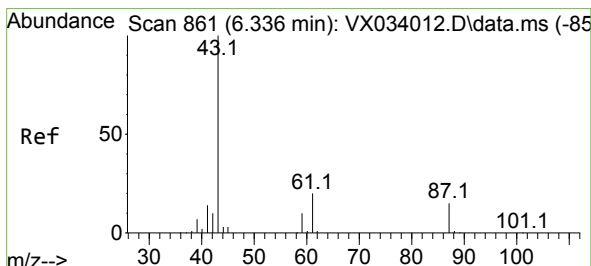
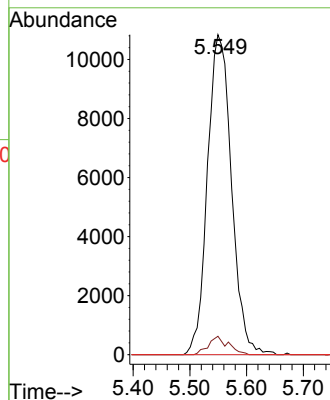
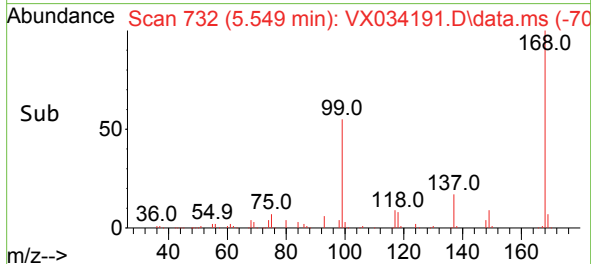


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Instrument :
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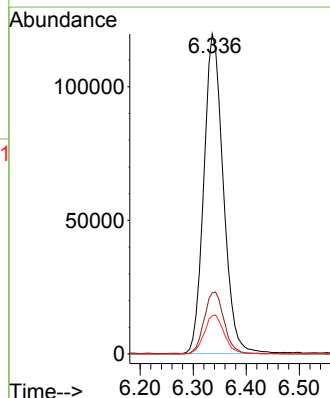
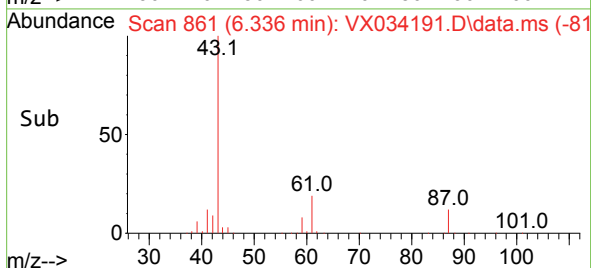
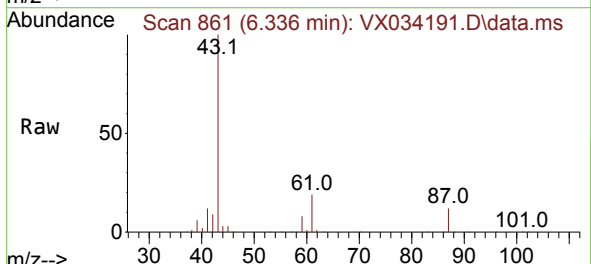


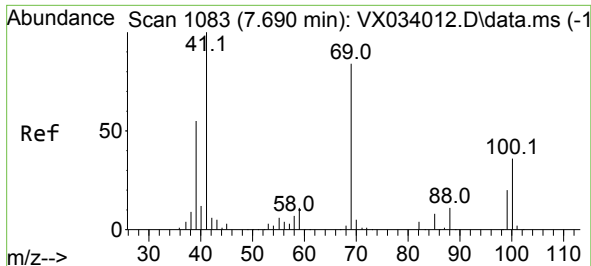
Tgt Ion:117 Resp: 31885
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 28.728 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 43 Resp: 304437
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 12.5 10.6 15.8

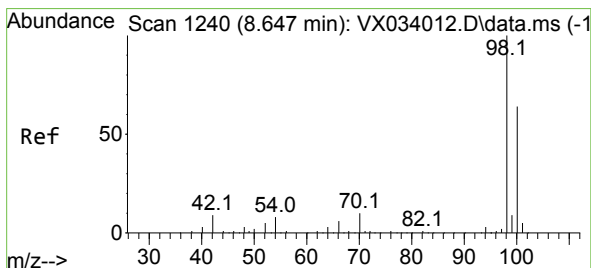
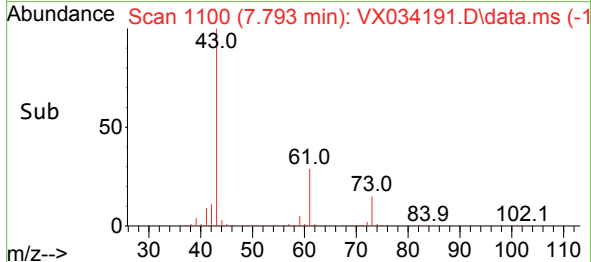
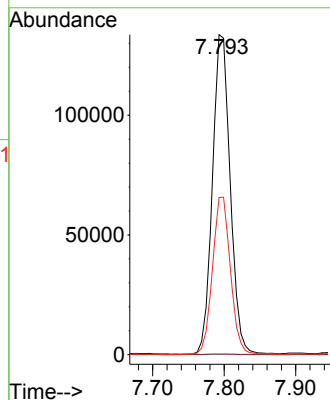
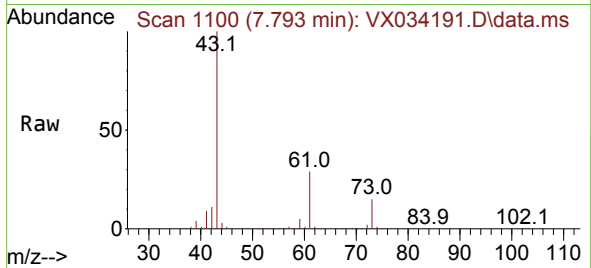




#48
Methyl methacrylate
Concen: 45.828 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

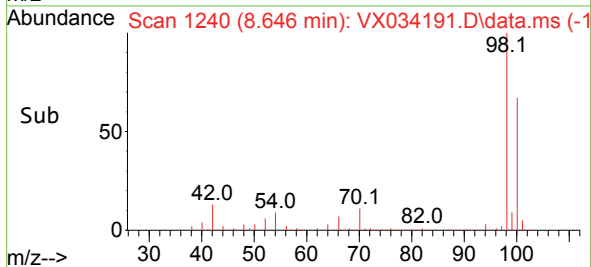
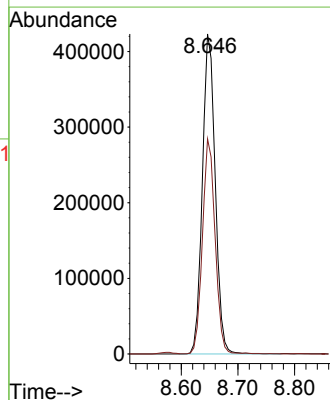
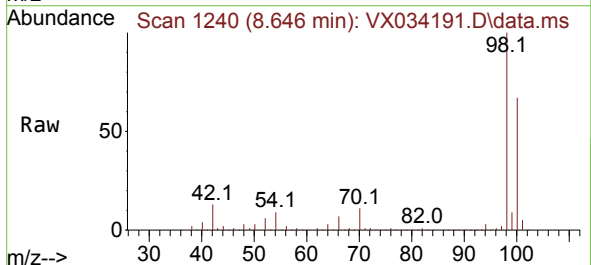
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

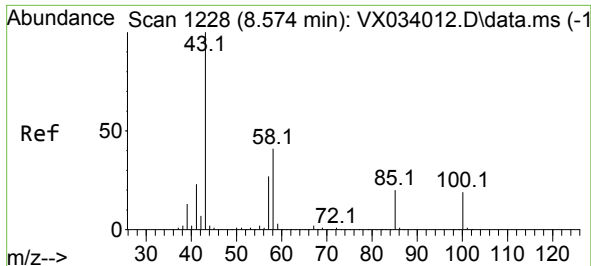
Tgt Ion: 41 Resp: 230508
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 49.7 43.2 64.8



#50
Toluene-d8
Concen: 50.978 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 98 Resp: 665015
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

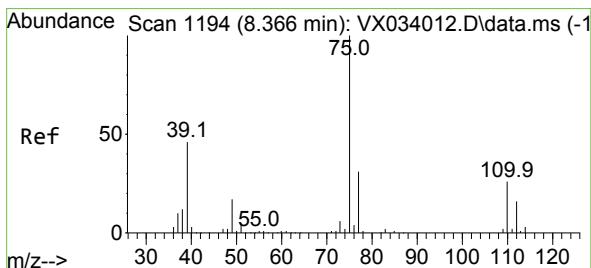
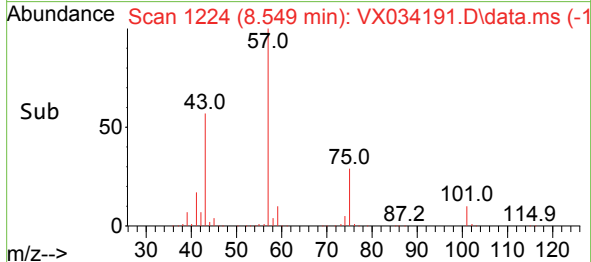
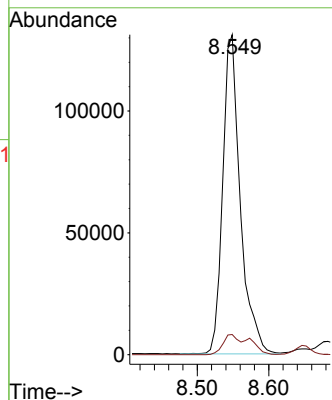
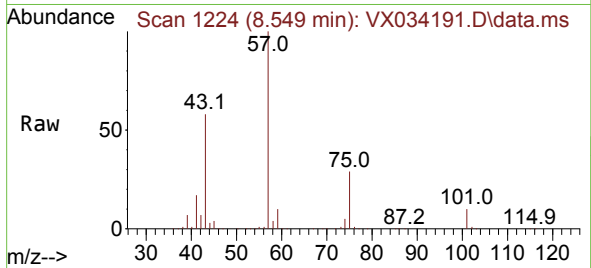




#51
4-Methyl-2-Pentanone
Concen: 38.324 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.019 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

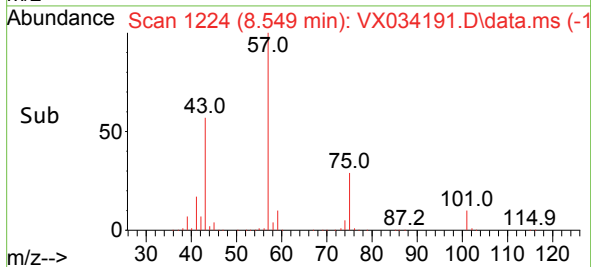
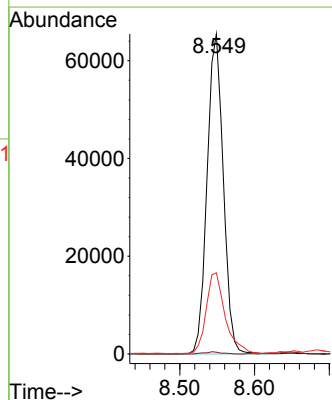
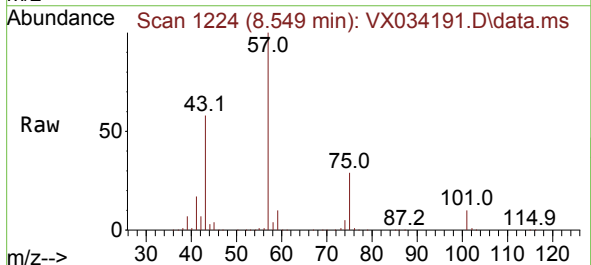
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

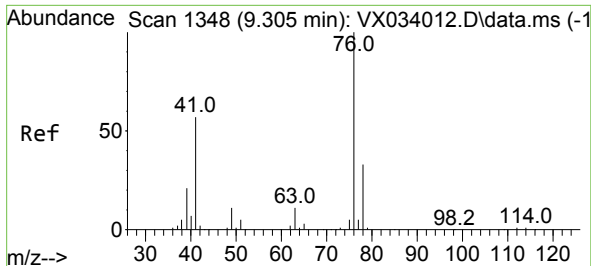
Tgt Ion: 43 Resp: 223449
Ion Ratio Lower Upper
43 100
58 5.9 31.2 46.8#



#54
cis-1,3-Dichloropropene
Concen: 13.984 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 75 Resp: 98658
Ion Ratio Lower Upper
75 100
77 0.6 25.0 37.6#
39 25.2 38.6 58.0#





#57

1,3-Dichloropropane

Concen: 1.708 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034191.D

Acq: 20 Feb 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

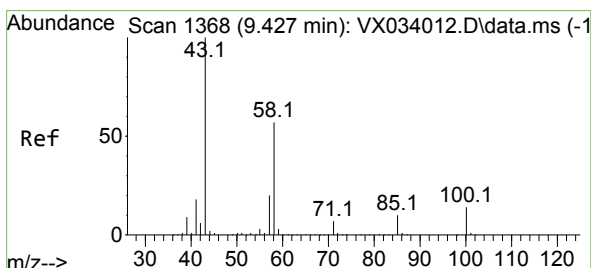
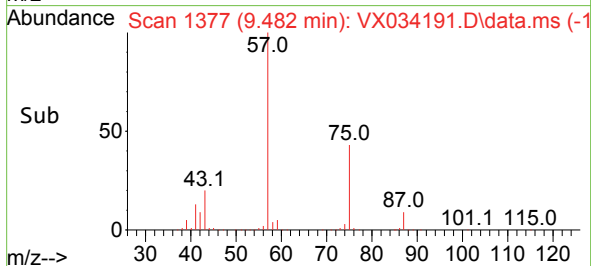
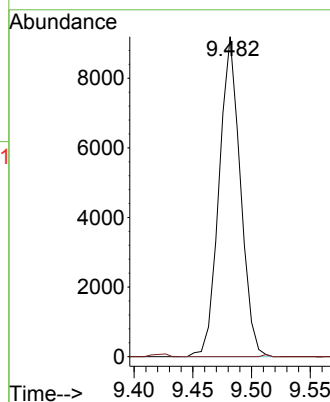
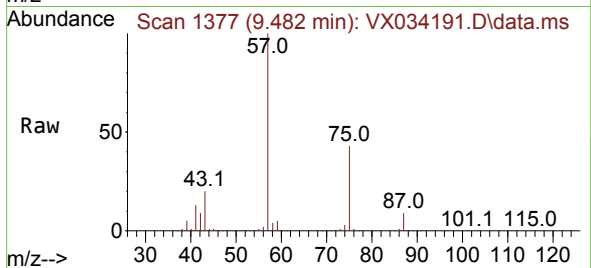
NWB-1887

Tgt Ion: 76 Resp: 11571

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 36.256 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034191.D

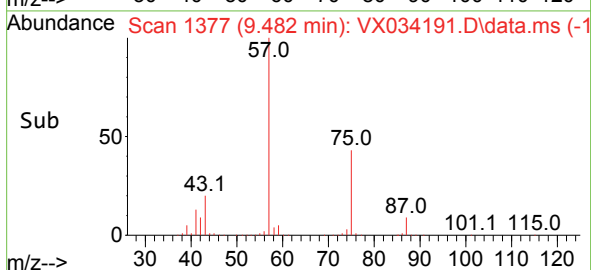
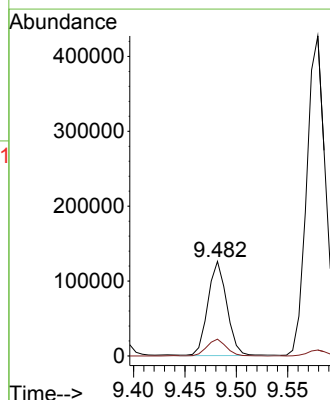
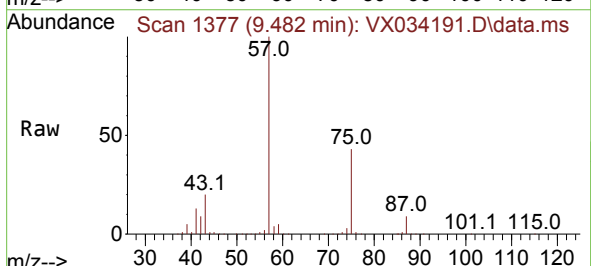
Acq: 20 Feb 2023 16:33

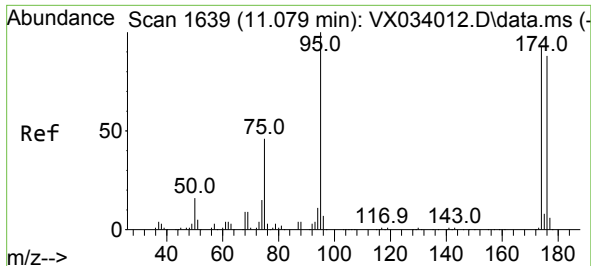
Tgt Ion: 43 Resp: 161102

Ion Ratio Lower Upper

43 100

58 18.7 27.4 82.0#

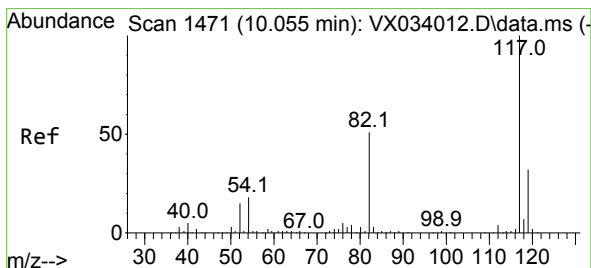
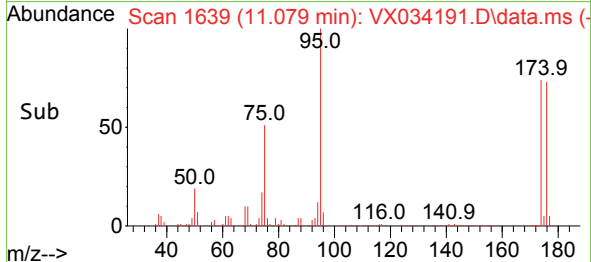
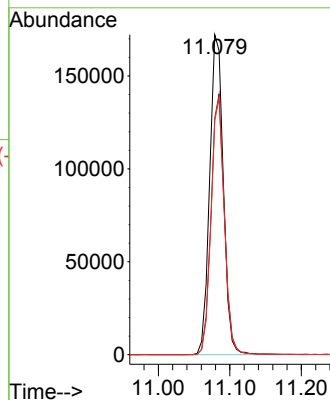
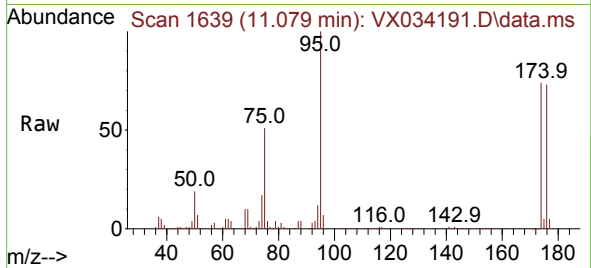




#62
4-Bromofluorobenzene
Concen: 45.745 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

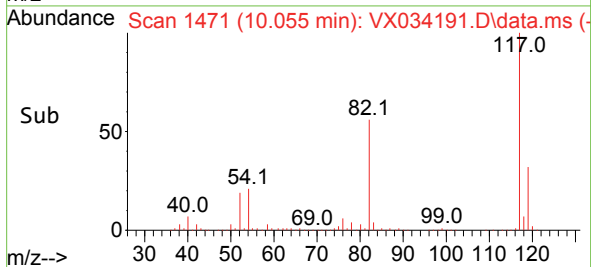
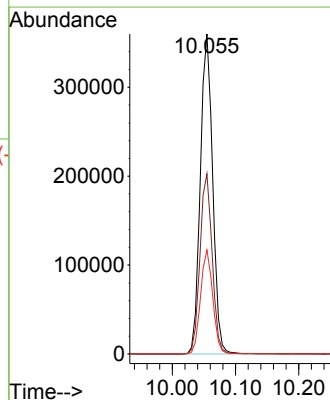
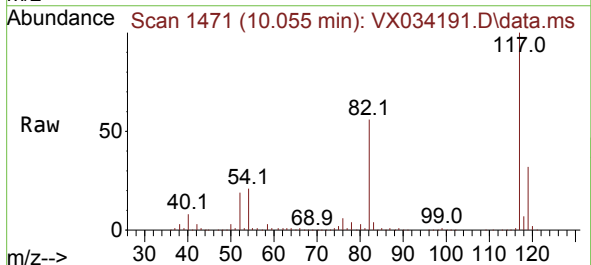
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

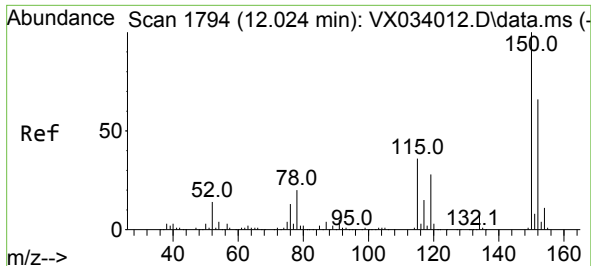
Tgt Ion: 95 Resp: 228258
Ion Ratio Lower Upper
95 100
174 79.6 0.0 184.4
176 77.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 117 Resp: 489712
Ion Ratio Lower Upper
117 100
82 56.3 40.6 60.8
119 32.5 25.6 38.4

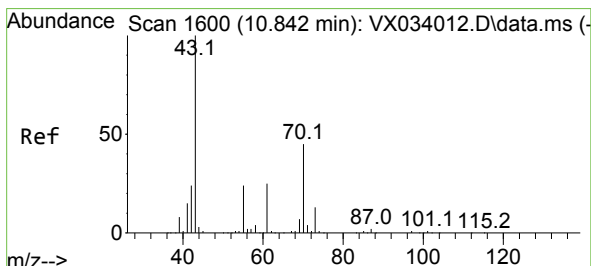
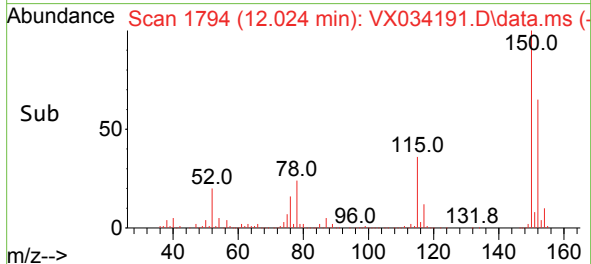
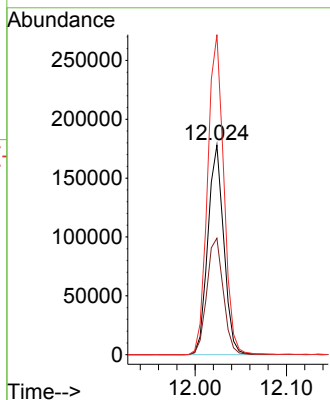
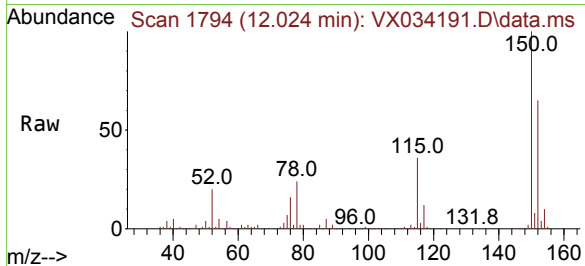




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

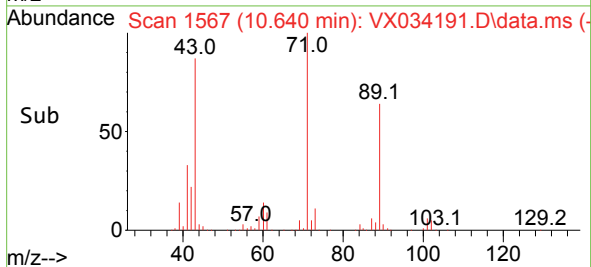
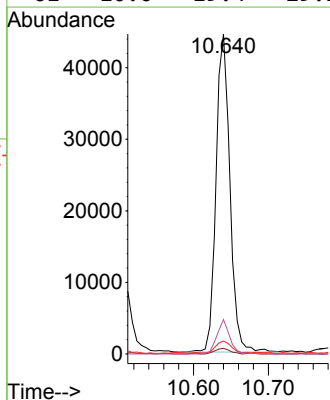
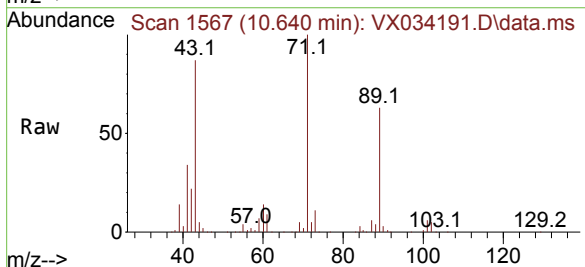
Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

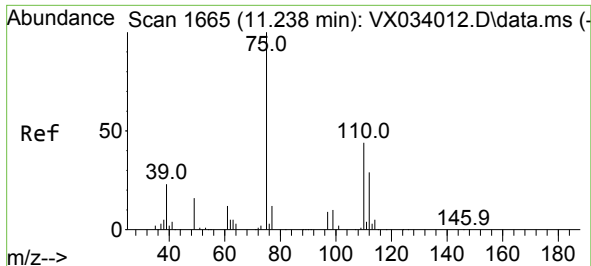
Tgt Ion:152 Resp: 215098
Ion Ratio Lower Upper
152 100
115 57.6 38.7 116.1
150 155.5 0.0 348.2



#74
N-ethyl acetate
Concen: 6.941 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 43 Resp: 57161
Ion Ratio Lower Upper
43 100
70 1.9 34.8 52.2#
55 4.1 19.4 29.0#
61 10.0 19.4 29.2#

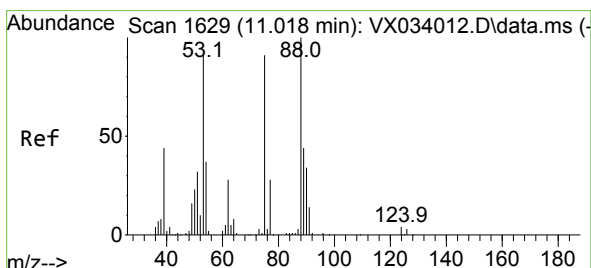
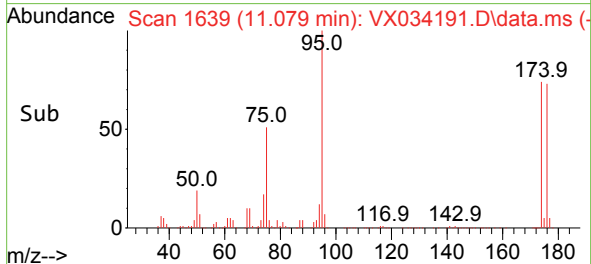
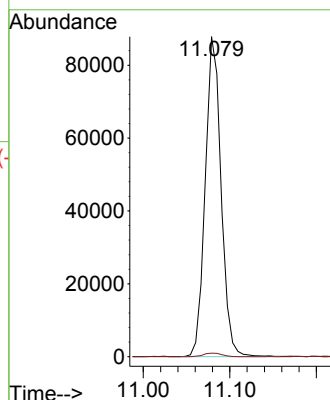
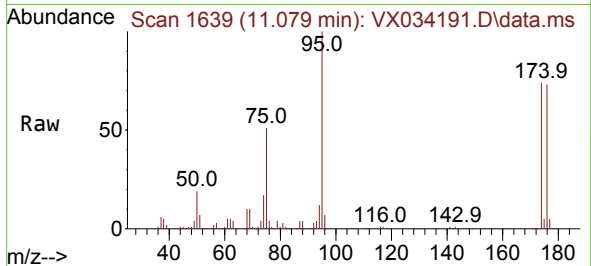




#76
1,2,3-Trichloropropane
Concen: 20.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
NWB-1887

Tgt Ion: 75 Resp: 111746
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034191.D
Acq: 20 Feb 2023 16:33

Tgt Ion: 75 Resp: 111746
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

