

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034656.D
 Acq On : 21 Mar 2023 15:50
 Operator : JC/MD
 Sample : 01946-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1896

Quant Time: Mar 22 02:06:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

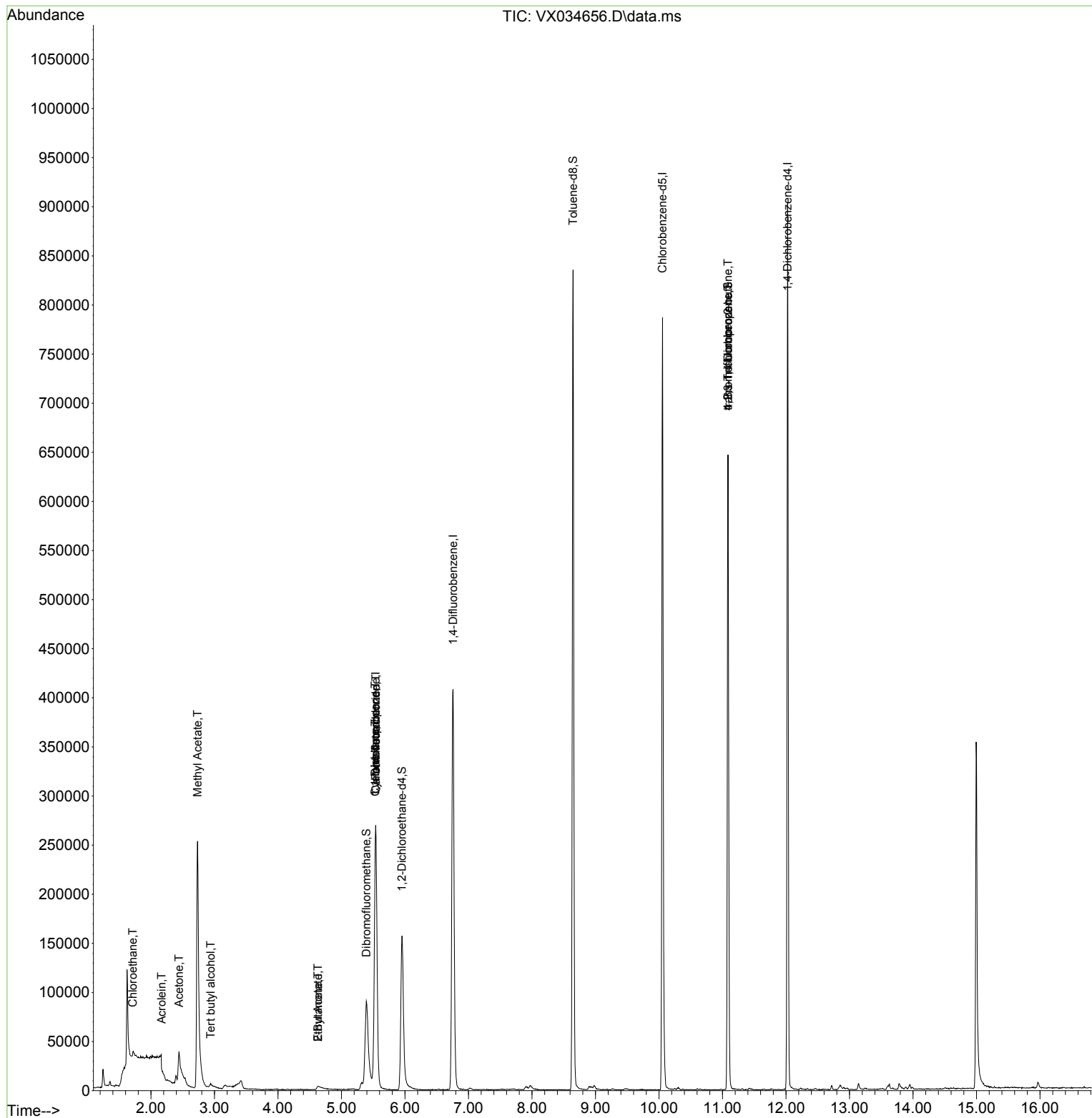
Internal Standards						
1) Pentafluorobenzene	5.538	168	249077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	419692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171459	47.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.640%
35) Dibromofluoromethane	5.391	113	108313	39.088	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.180%
50) Toluene-d8	8.647	98	496191	47.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.085	95	198423	47.489	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	551	Below Cal	#	64
6) Chloroethane	1.715	64	6084	3.342	ug/l #	47
11) Tert butyl alcohol	2.941	59	2039	2.702	ug/l #	79
13) Acrolein	2.166	56	636	1.065	ug/l #	14
16) Acetone	2.441	43	77925	45.653	ug/l	93
18) Methyl Acetate	2.733	43	388109	69.588	ug/l	100
25) 2-Butanone	4.629	43	12361	5.061	ug/l	94
31) Cyclohexane	5.532	56	6231	1.226	ug/l #	6
36) 1,1-Dichloropropene	5.532	75	20486	4.813	ug/l #	51
37) Ethyl Acetate	4.629	43	12361	2.658	ug/l #	70
38) Carbon Tetrachloride	5.544	117	25745	6.081	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	107817	26.205	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	107817	70.891	ug/l #	8

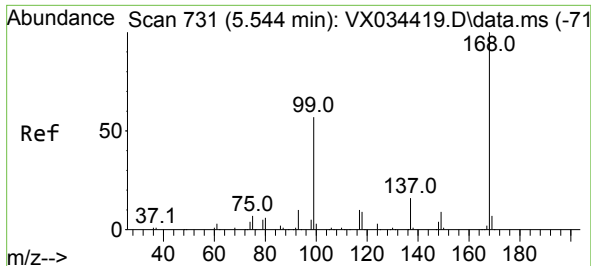
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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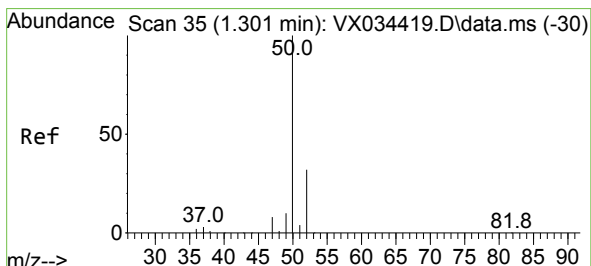
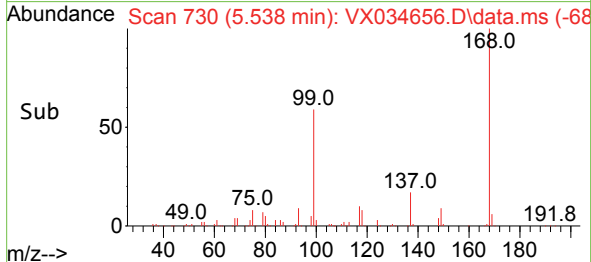
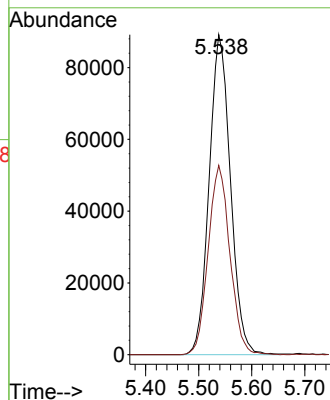
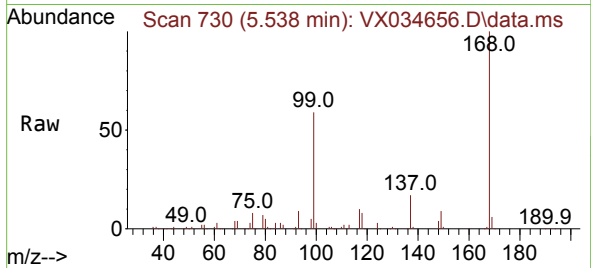




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

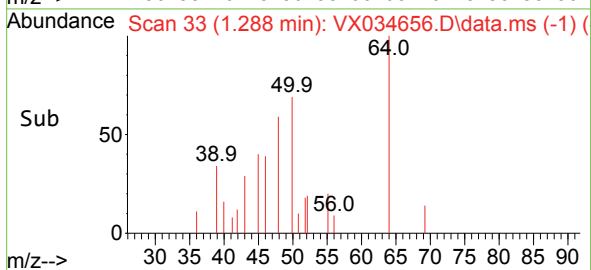
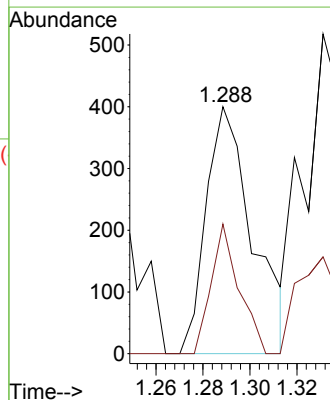
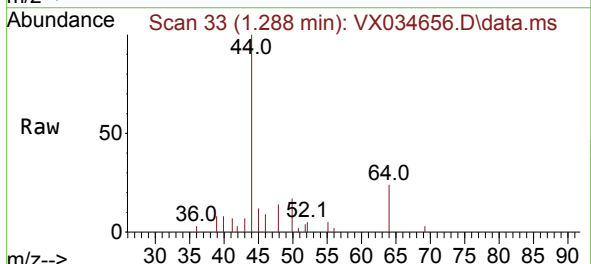
Instrument :
MSVOA_X
ClientSampleId :
NWB-1896

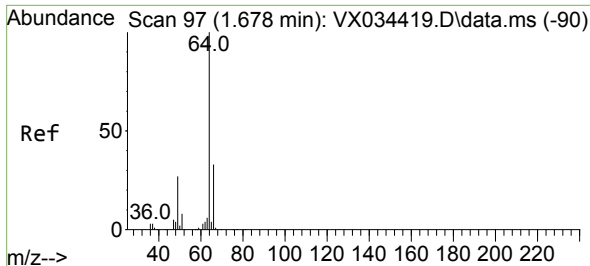
Tgt Ion:168 Resp: 249077
Ion Ratio Lower Upper
168 100
99 59.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 52.5 25.9 38.9#

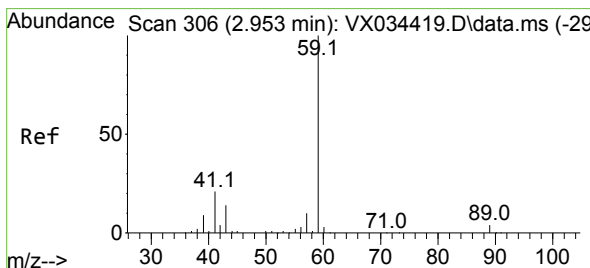
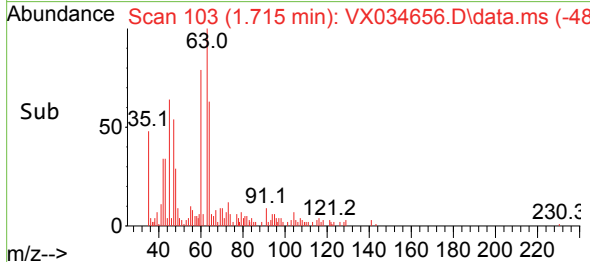
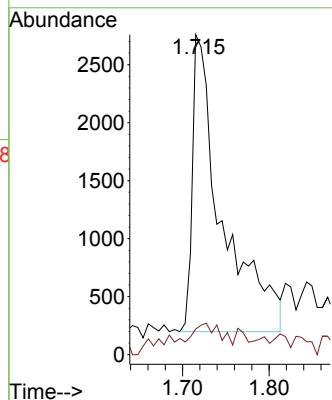
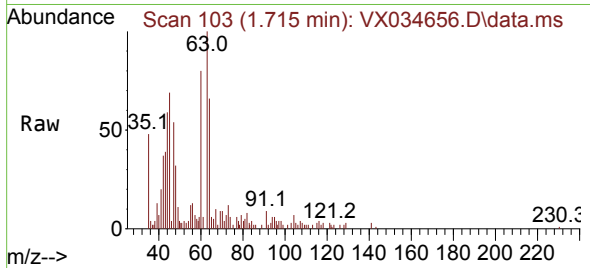




#6
Chloroethane
Concen: 3.342 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

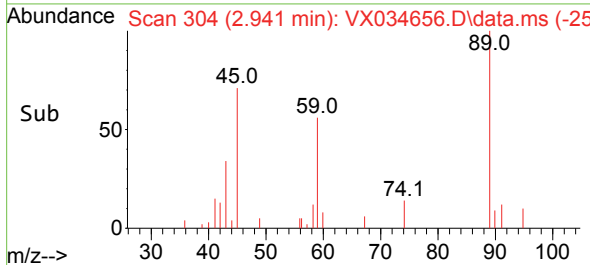
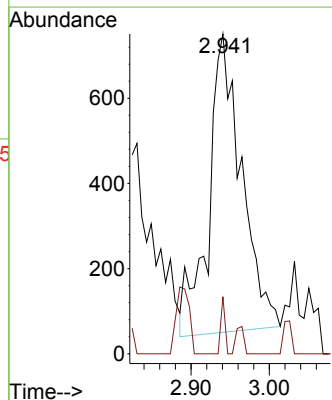
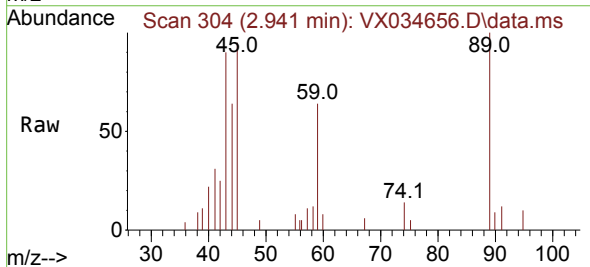
Instrument :
MSVOA_X
ClientSampleId :
NWB-1896

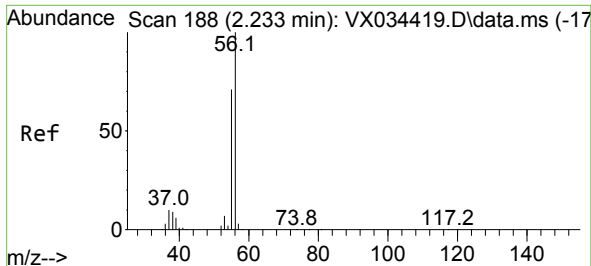
Tgt Ion: 64 Resp: 6084
Ion Ratio Lower Upper
64 100
66 3.2 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.702 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion: 59 Resp: 2039
Ion Ratio Lower Upper
59 100
57 2.4 8.1 12.1#





#13

Acrolein

Concen: 1.065 ug/l

RT: 2.166 min Scan# 11

Delta R.T. -0.067 min

Lab File: VX034656.D

Acq: 21 Mar 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

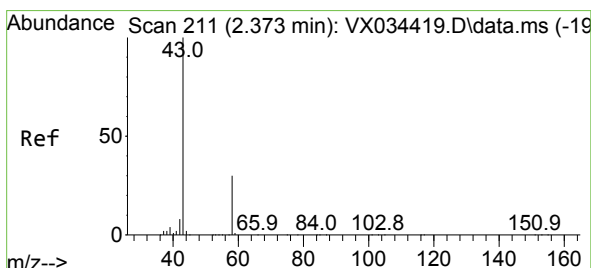
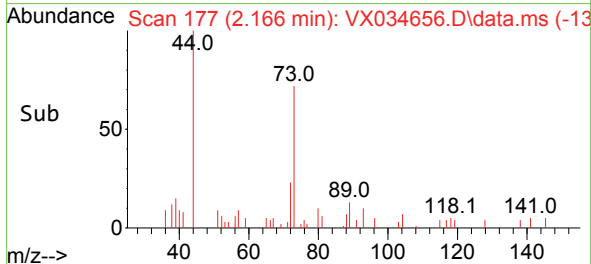
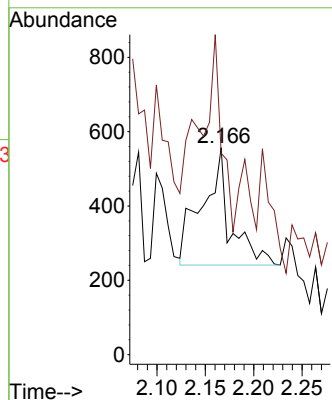
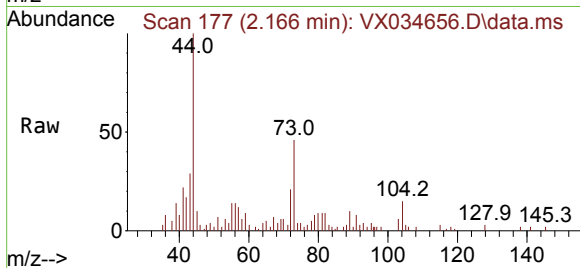
NWB-1896

Tgt Ion: 56 Resp: 636

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



#16

Acetone

Concen: 45.653 ug/l

RT: 2.441 min Scan# 222

Delta R.T. 0.067 min

Lab File: VX034656.D

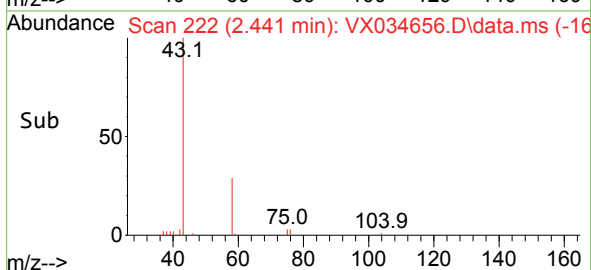
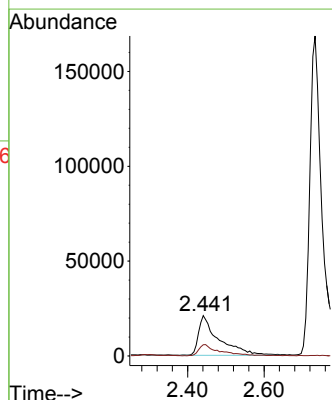
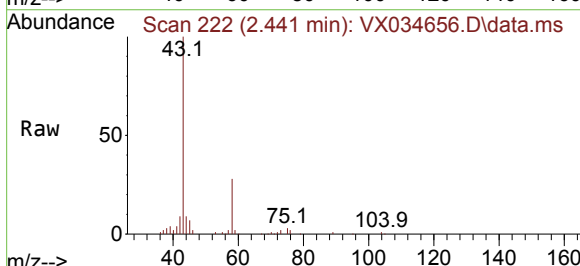
Acq: 21 Mar 2023 15:50

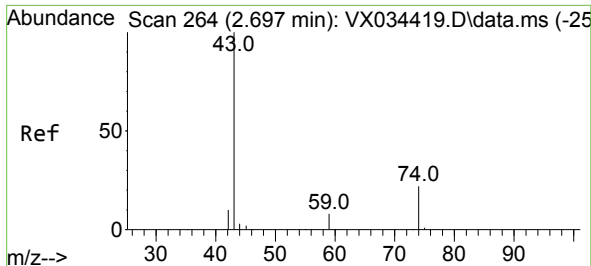
Tgt Ion: 43 Resp: 77925

Ion Ratio Lower Upper

43 100

58 27.0 24.7 37.1





#18

Methyl Acetate

Concen: 69.588 ug/l

RT: 2.733 min Scan# 21

Delta R.T. 0.037 min

Lab File: VX034656.D

Acq: 21 Mar 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

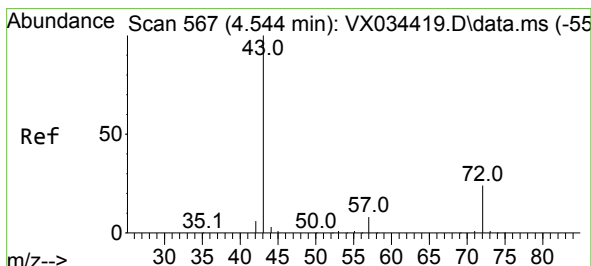
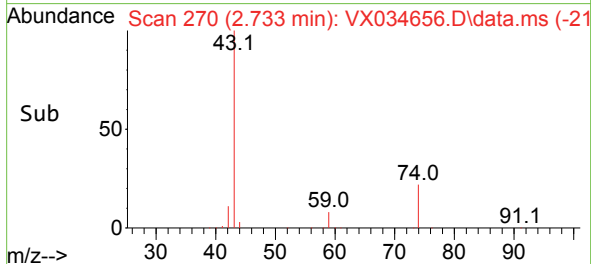
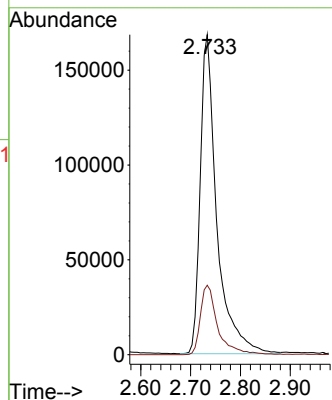
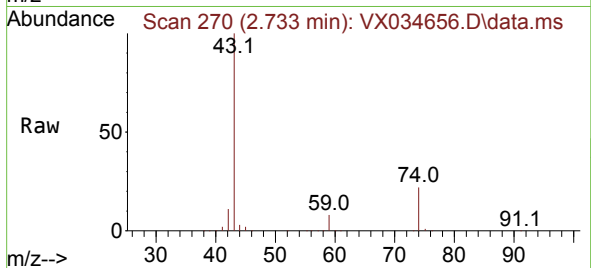
NWB-1896

Tgt Ion: 43 Resp: 388109

Ion Ratio Lower Upper

43 100

74 22.8 18.3 27.5



#25

2-Butanone

Concen: 5.061 ug/l

RT: 4.629 min Scan# 581

Delta R.T. 0.086 min

Lab File: VX034656.D

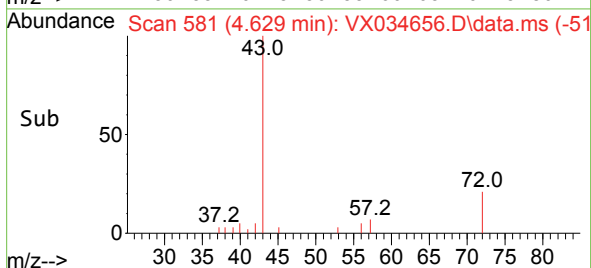
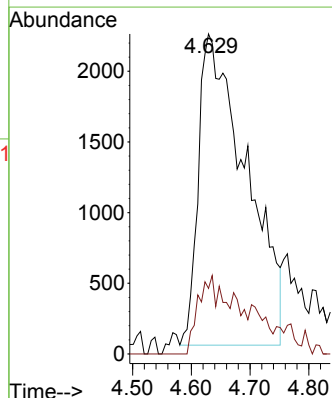
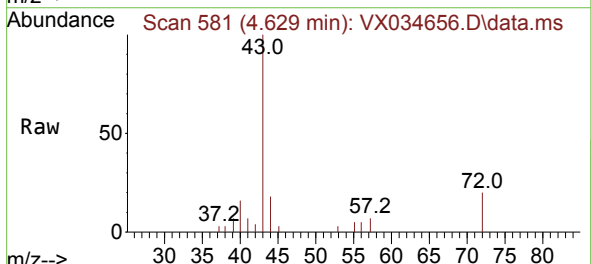
Acq: 21 Mar 2023 15:50

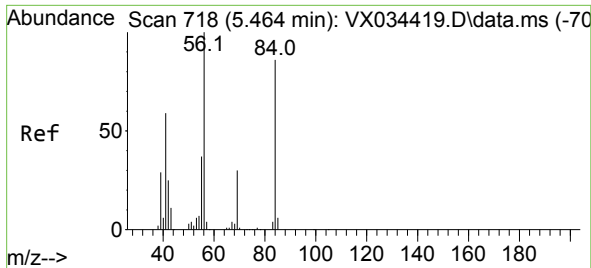
Tgt Ion: 43 Resp: 12361

Ion Ratio Lower Upper

43 100

72 21.1 19.3 28.9





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 5.532 min Scan# 718

Delta R.T. 0.067 min

Lab File: VX034656.D

Acq: 21 Mar 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

NWB-1896

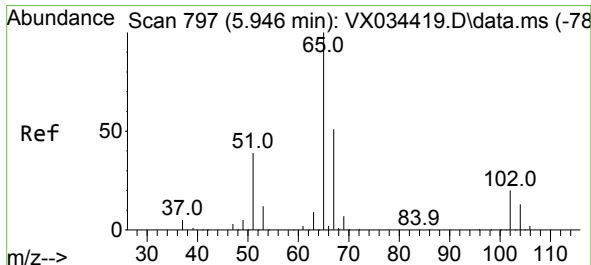
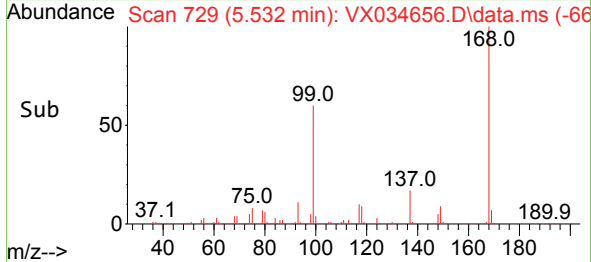
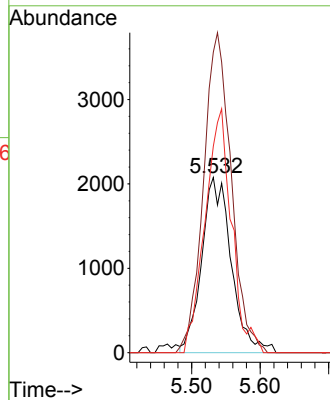
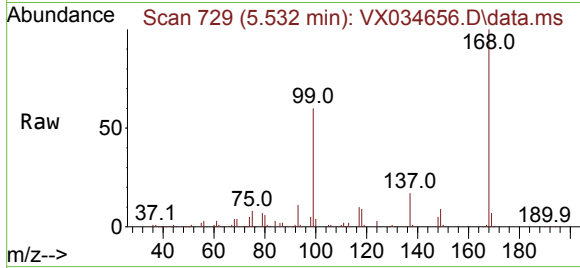
Tgt Ion: 56 Resp: 6231

Ion Ratio Lower Upper

56 100

69 171.5 23.7 35.5#

84 117.8 68.5 102.7#



#33

1,2-Dichloroethane-d4

Concen: 47.318 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034656.D

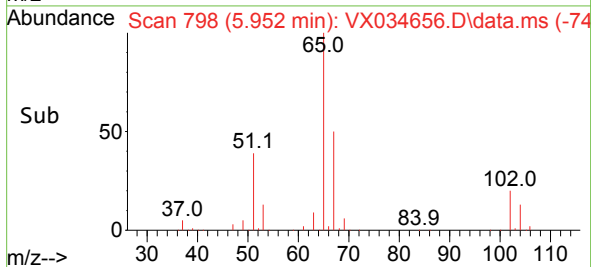
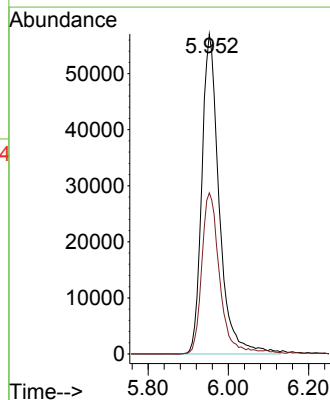
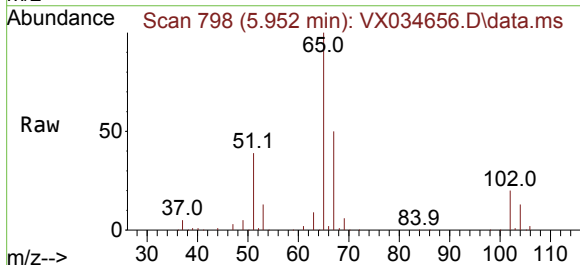
Acq: 21 Mar 2023 15:50

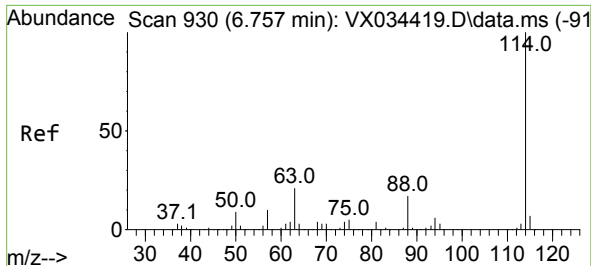
Tgt Ion: 65 Resp: 171459

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0

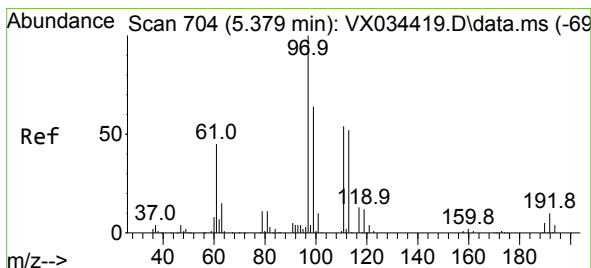
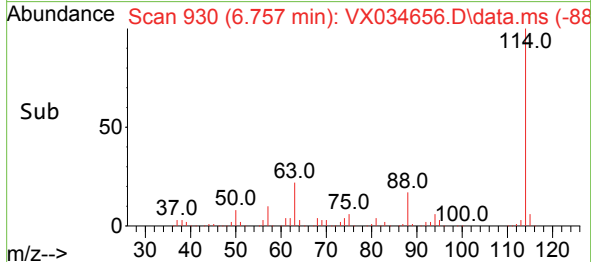
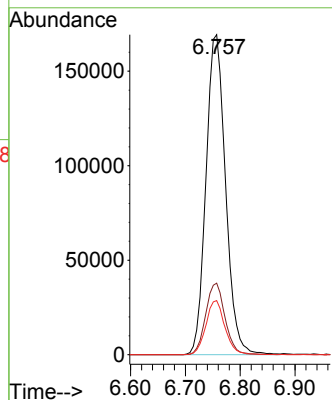
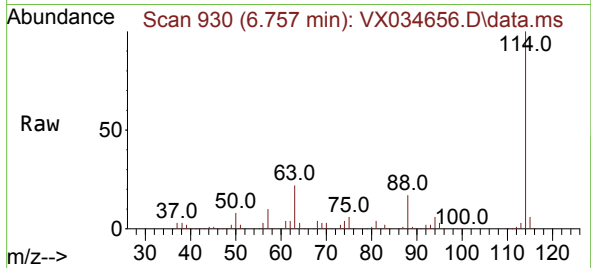




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

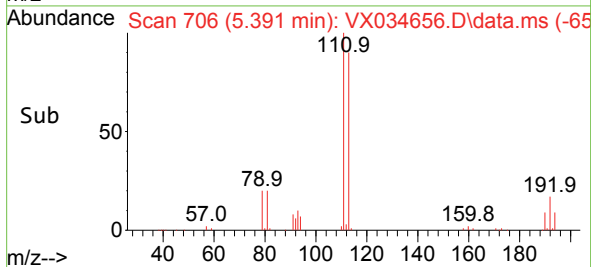
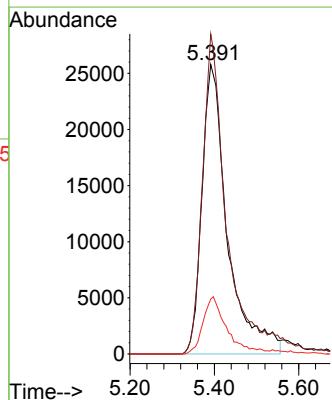
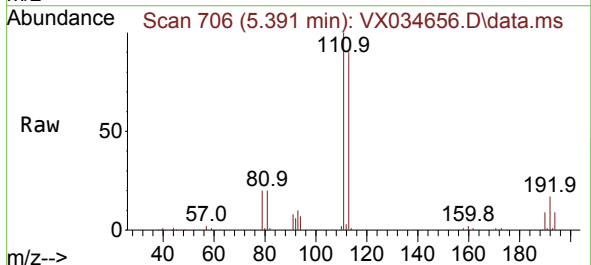
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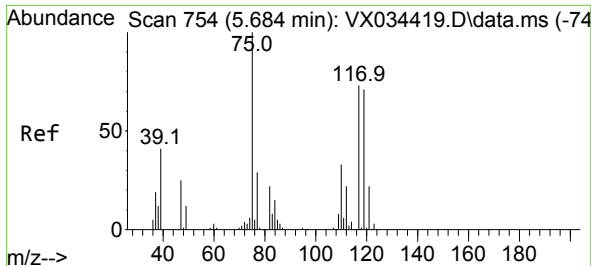
Tgt Ion:114 Resp: 419692
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 39.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion:113 Resp: 108313
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 18.5 15.4 23.2

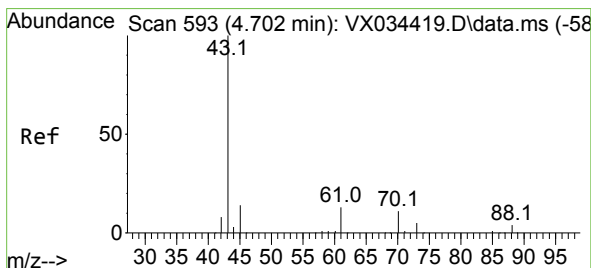
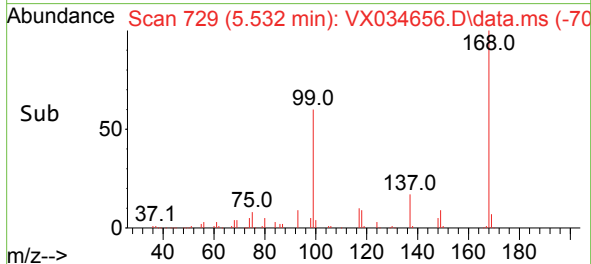
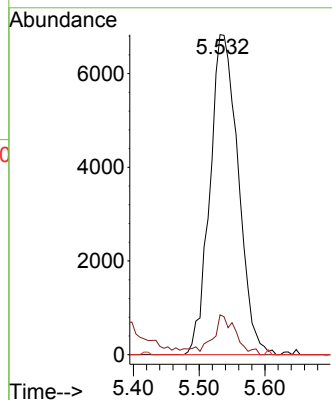
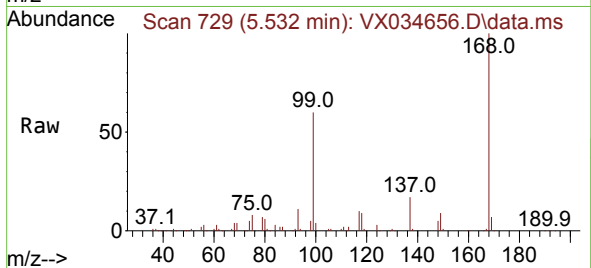




#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

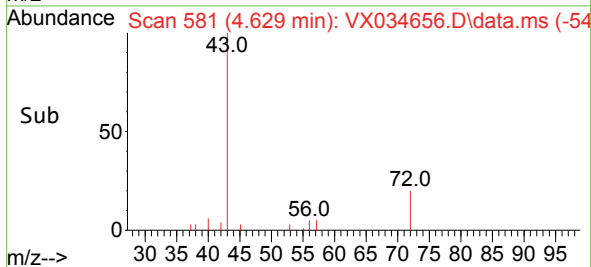
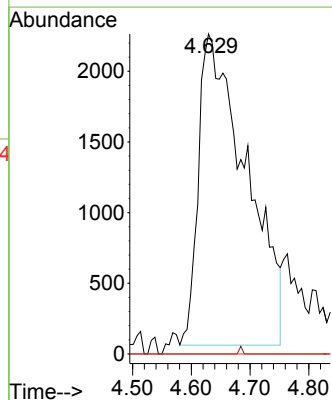
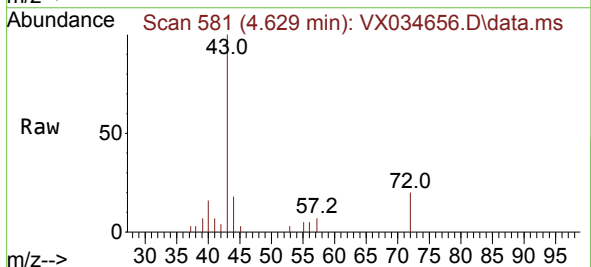
Instrument :
MSVOA_X
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NWB-1896

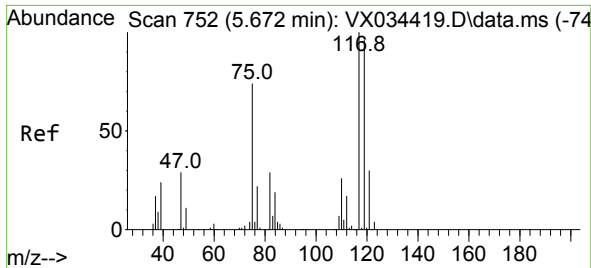
Tgt Ion: 75 Resp: 20486
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 2.658 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.073 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion: 43 Resp: 12361
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#

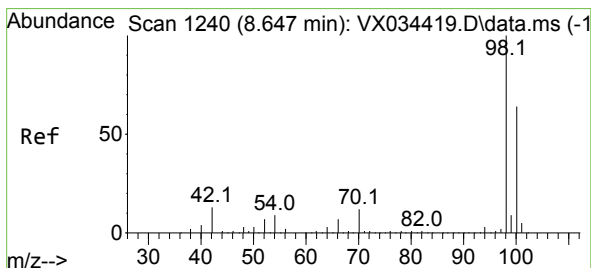
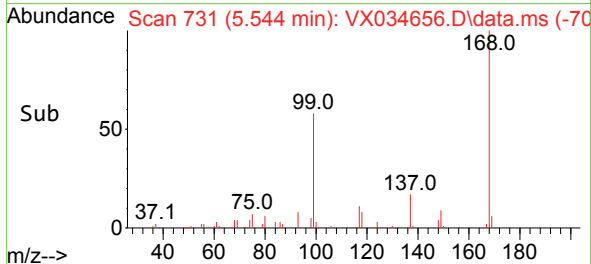
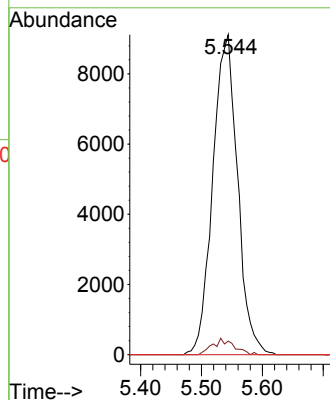
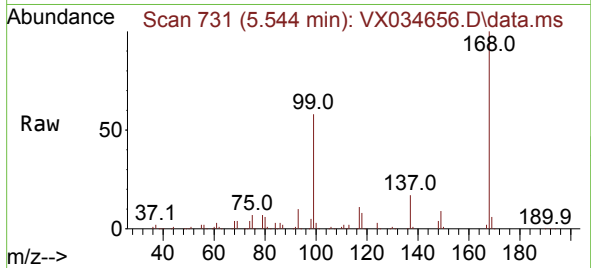




#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

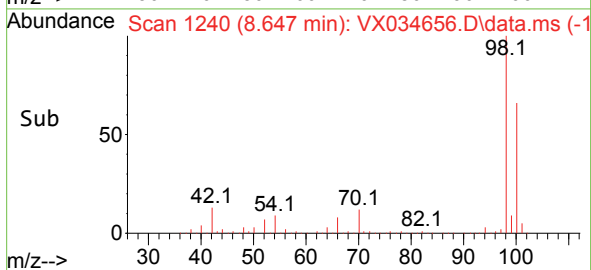
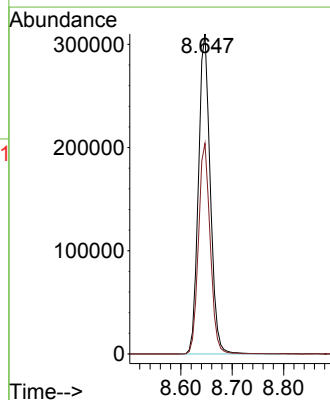
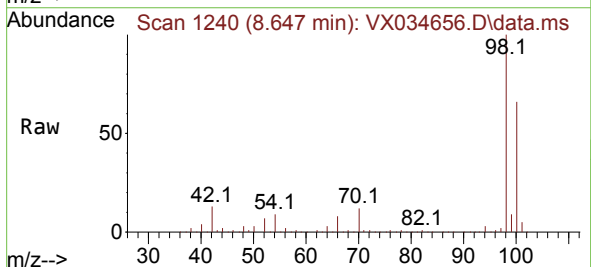
Instrument :
MSVOA_X
ClientSampleId :
NWB-1896

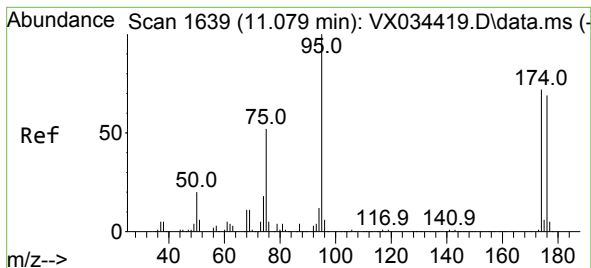
Tgt Ion:117 Resp: 25745
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.967 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion: 98 Resp: 496191
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

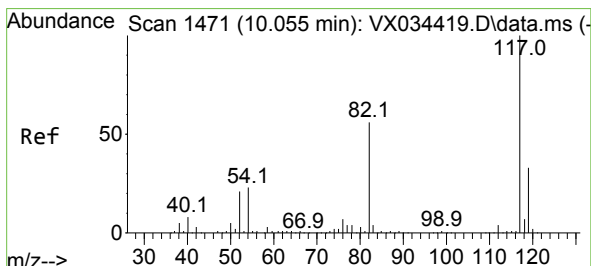
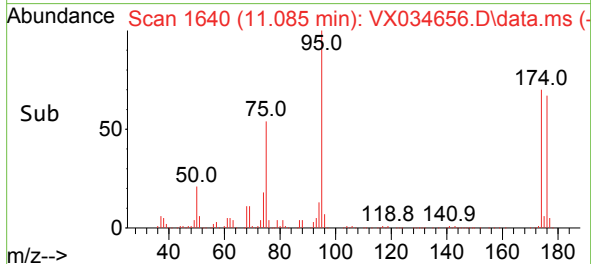
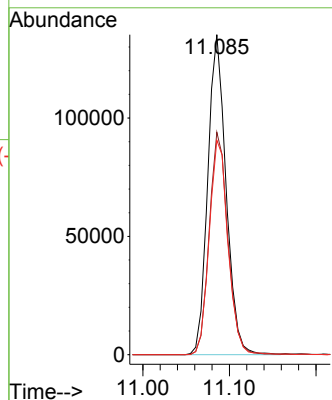
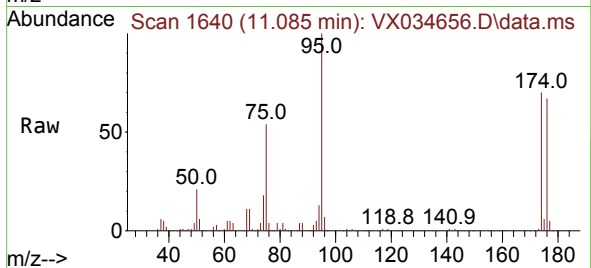




#62
4-Bromofluorobenzene
Concen: 47.489 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

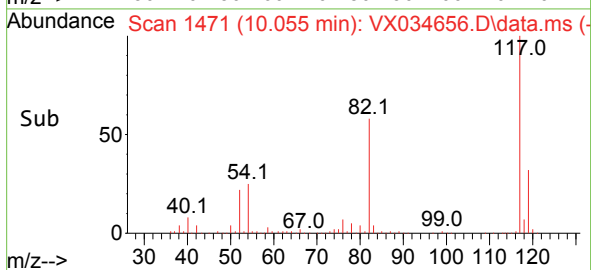
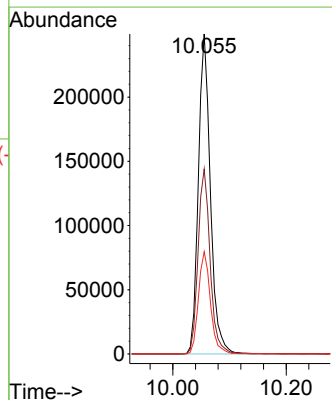
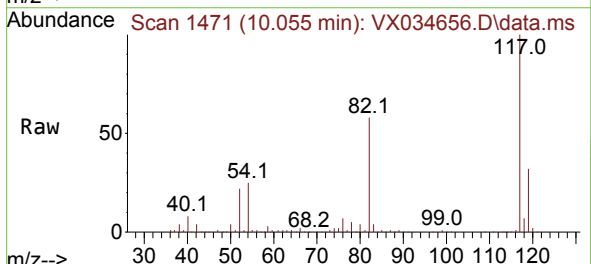
Instrument :
MSVOA_X
ClientSampleId :
NWB-1896

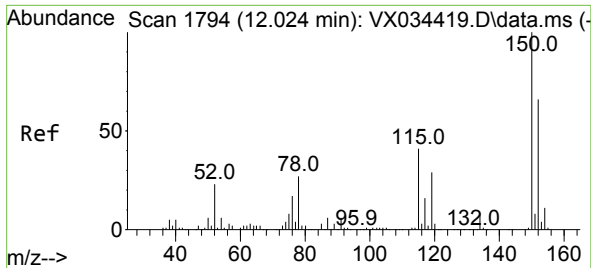
Tgt Ion: 95 Resp: 198423
Ion Ratio Lower Upper
95 100
174 70.8 0.0 147.4
176 68.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034656.D
Acq: 21 Mar 2023 15:50

Tgt Ion: 117 Resp: 366889
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.0 26.0 39.0

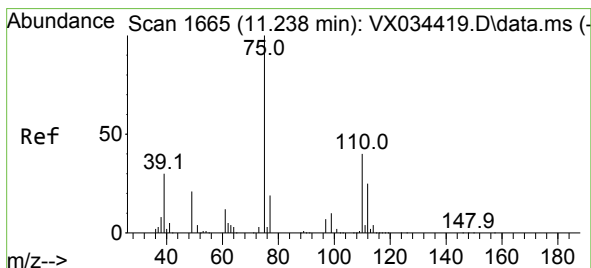
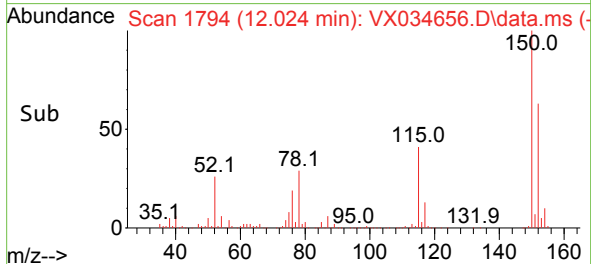
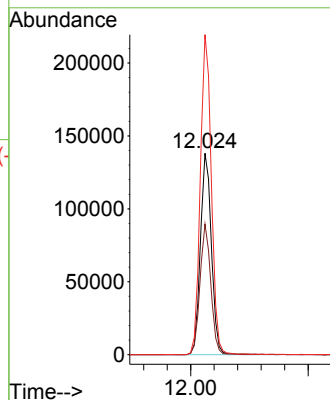
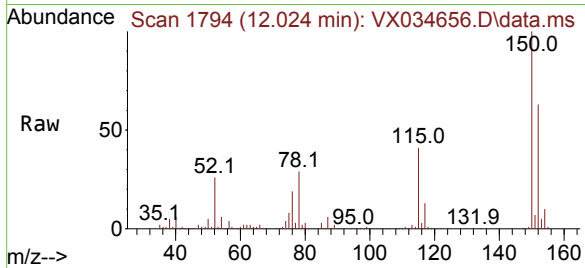




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034656.D
 Acq: 21 Mar 2023 15:50

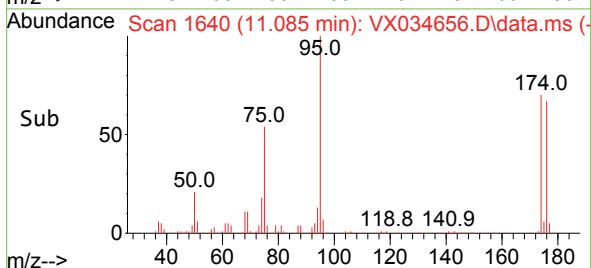
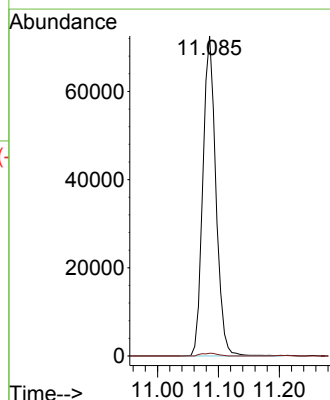
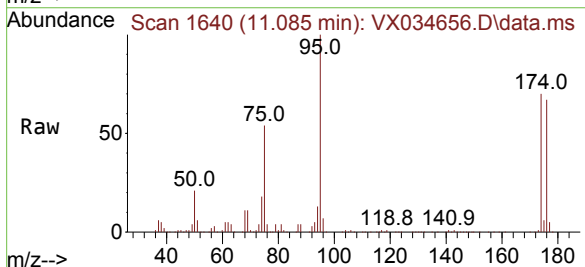
Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1896

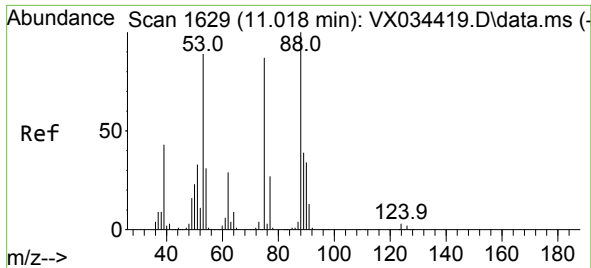
Tgt Ion:152 Resp: 179191
 Ion Ratio Lower Upper
 152 100
 115 63.8 45.0 135.0
 150 159.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.205 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.152 min
 Lab File: VX034656.D
 Acq: 21 Mar 2023 15:50

Tgt Ion: 75 Resp: 107817
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.891 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX034656.D
 Acq: 21 Mar 2023 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1896

Tgt Ion: 75 Resp: 107817
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

