

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077093.D
 Acq On : 21 Mar 2023 16:20
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Mar 21 23:19:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

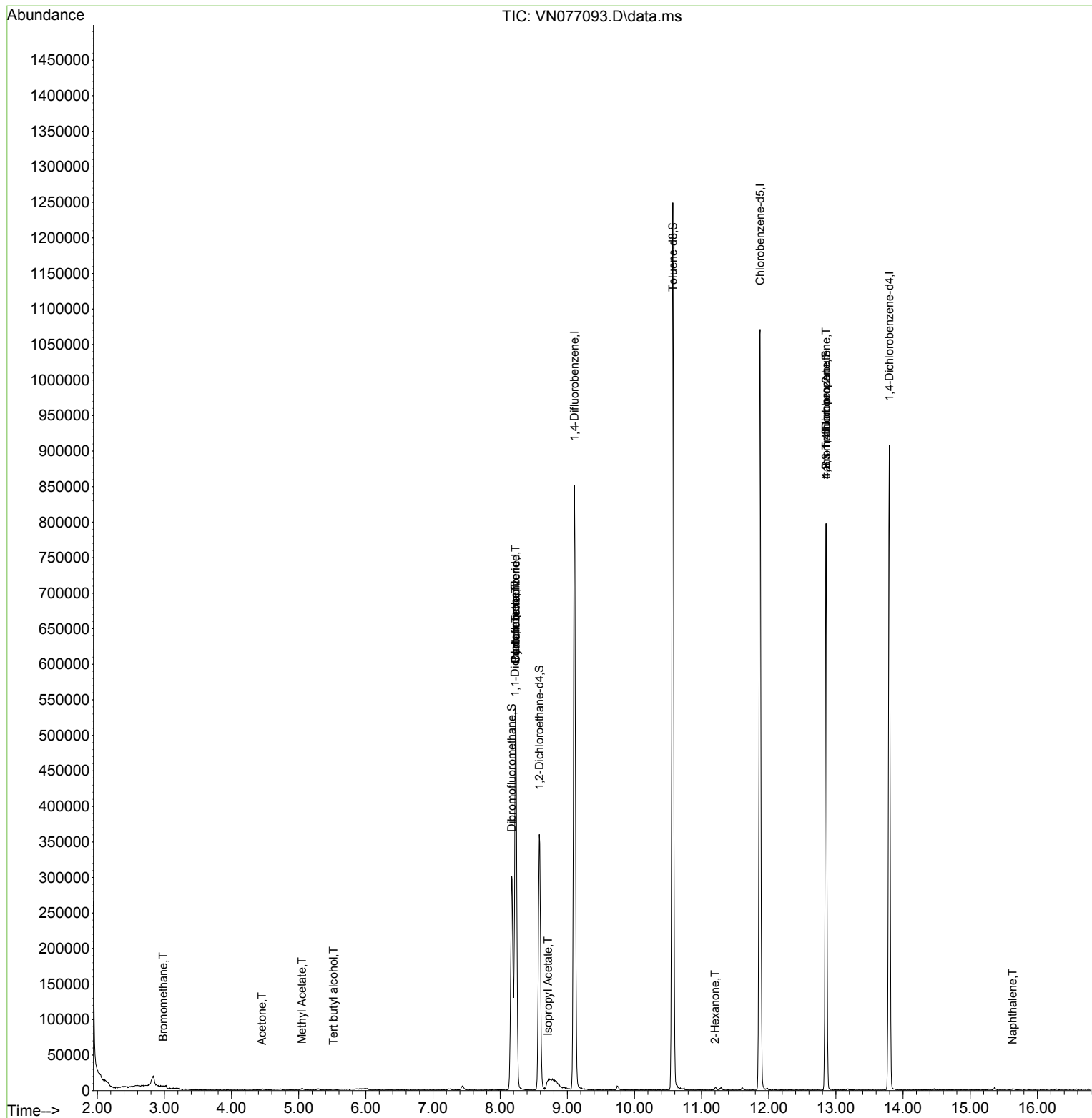
Internal Standards						
1) Pentafluorobenzene	8.231	168	366616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	695695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	605324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300117	51.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.500%
35) Dibromofluoromethane	8.172	113	221301	45.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	10.572	98	844205	48.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.854	95	272565	44.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.640%
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	661	0.245	ug/l #	68
11) Tert butyl alcohol	5.519	59	612	0.717	ug/l #	72
16) Acetone	4.454	43	943	0.361	ug/l #	43
18) Methyl Acetate	5.049	43	4312	0.438	ug/l #	66
31) Cyclohexane	8.231	56	9804	1.023	ug/l #	1
36) 1,1-Dichloropropene	8.225	75	35353	4.646	ug/l #	53
38) Carbon Tetrachloride	8.231	117	42115	5.682	ug/l #	16
43) Isopropyl Acetate	8.713	43	10209	0.803	ug/l #	56
59) 2-Hexanone	11.201	43	1577	0.275	ug/l #	24
76) 1,2,3-Trichloropropane	12.854	75	147390	24.351	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	147390	67.027	ug/l #	10
95) Naphthalene	15.630	128	632	1.951	ug/l #	70

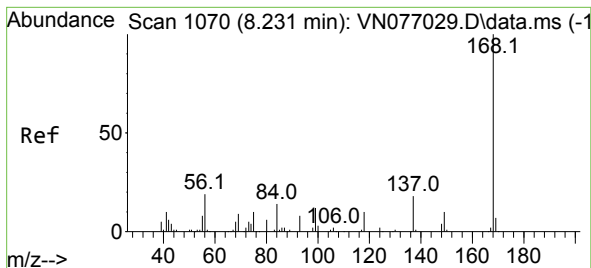
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077093.D

Acq: 21 Mar 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

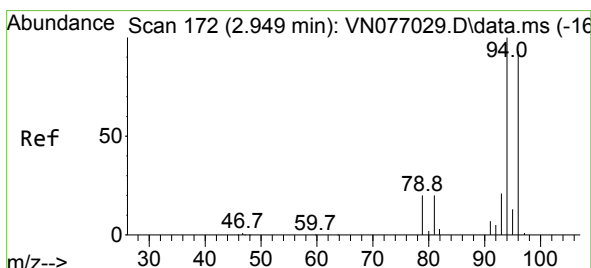
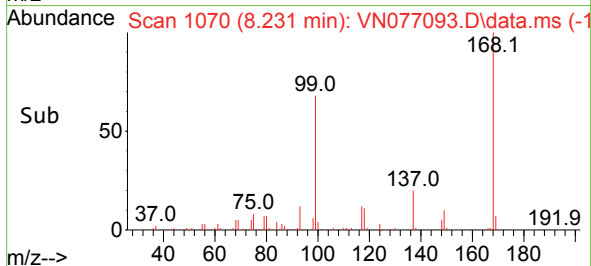
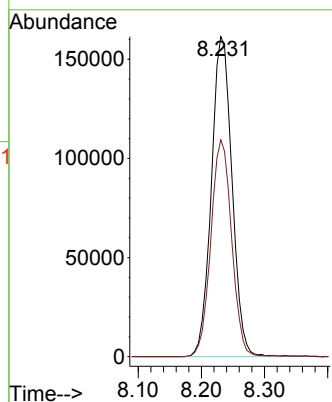
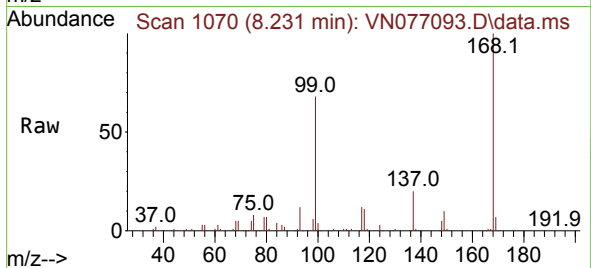
VIBLK

Tgt Ion:168 Resp: 366616

Ion Ratio Lower Upper

168 100

99 67.7 53.9 80.9



#5

Bromomethane

Concen: 0.245 ug/l

RT: 2.984 min Scan# 178

Delta R.T. 0.035 min

Lab File: VN077093.D

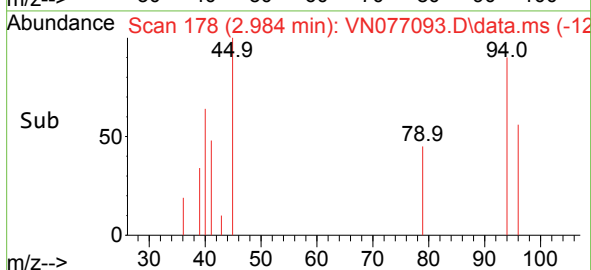
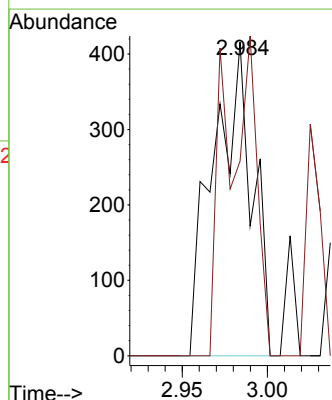
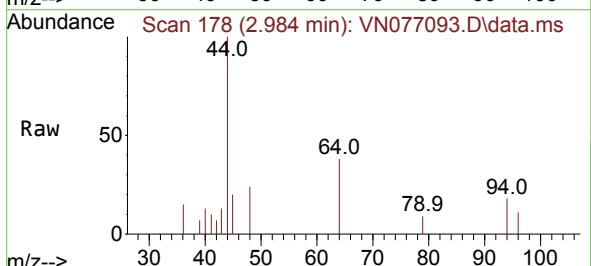
Acq: 21 Mar 2023 16:20

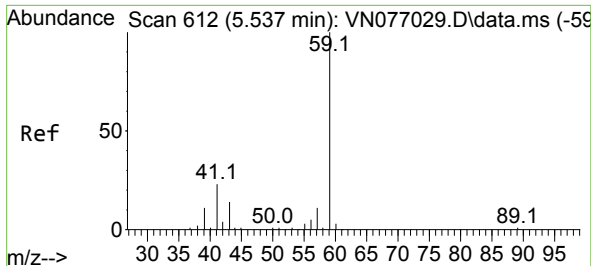
Tgt Ion: 94 Resp: 661

Ion Ratio Lower Upper

94 100

96 62.0 74.1 111.1#

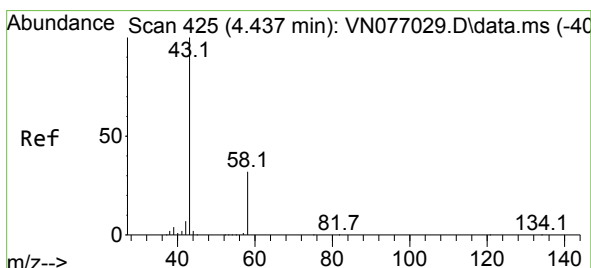
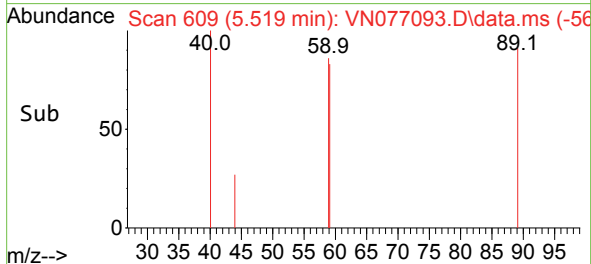
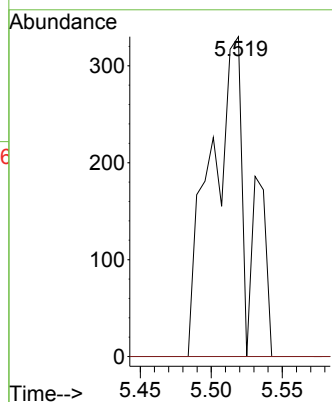
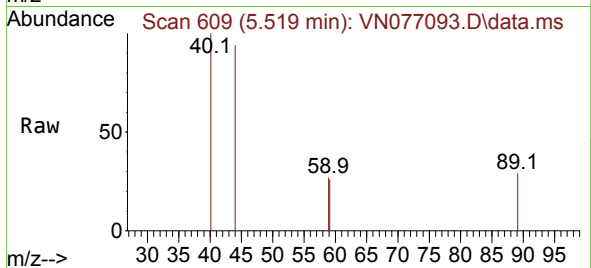




#11
Tert butyl alcohol
Concen: 0.717 ug/l
RT: 5.519 min Scan# 612
Delta R.T. -0.018 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

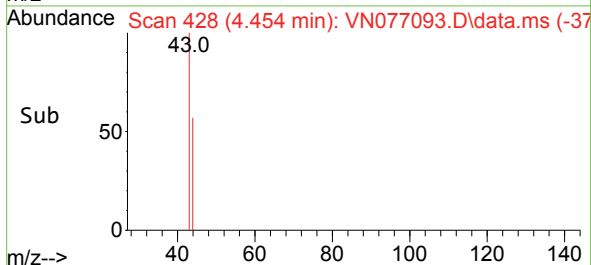
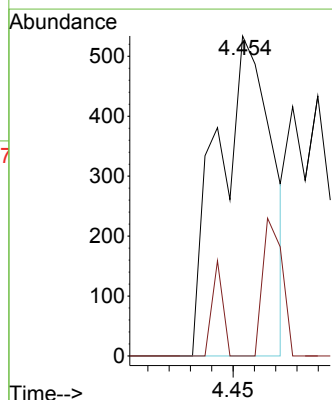
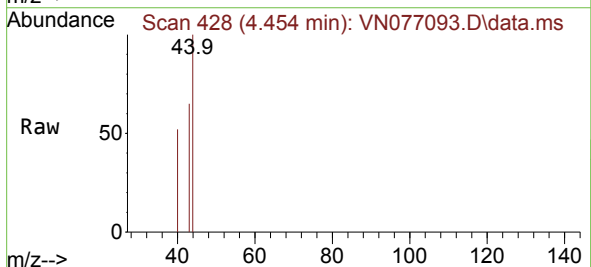
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

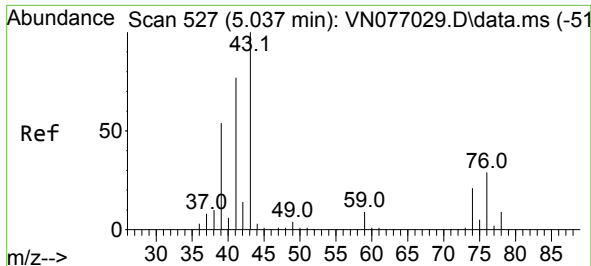
Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 0.361 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#

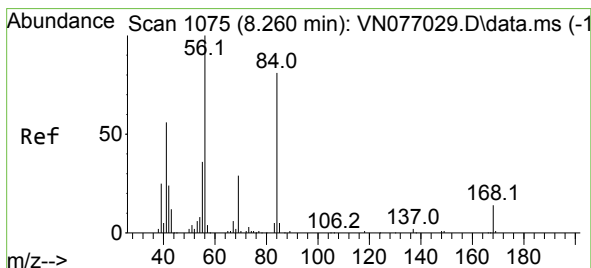
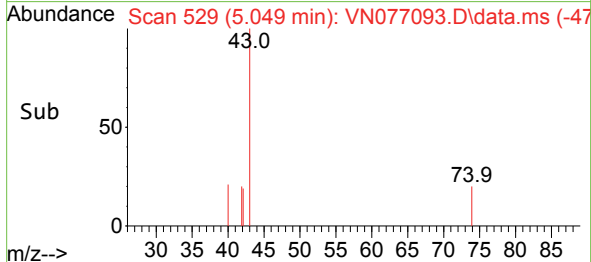
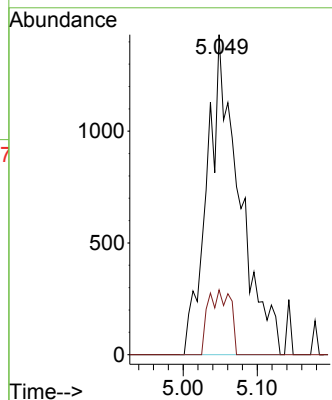
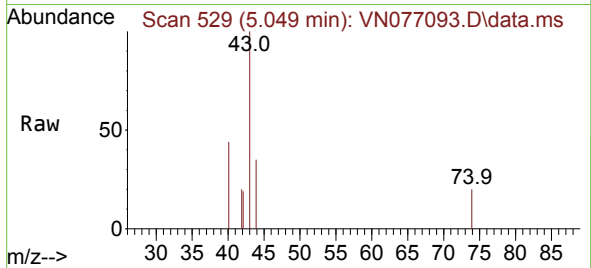




#18
Methyl Acetate
Concen: 0.438 ug/l
RT: 5.049 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

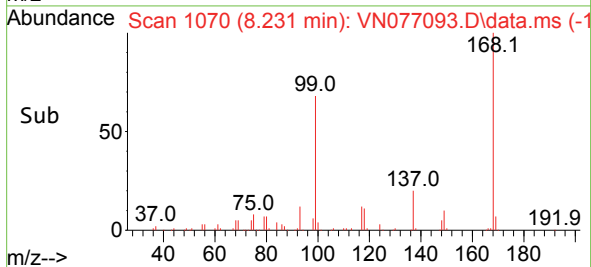
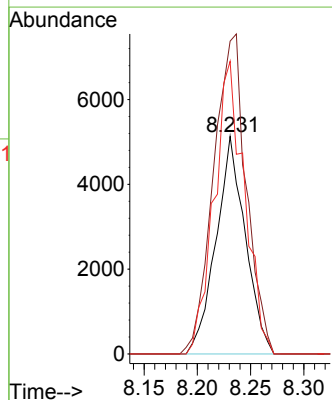
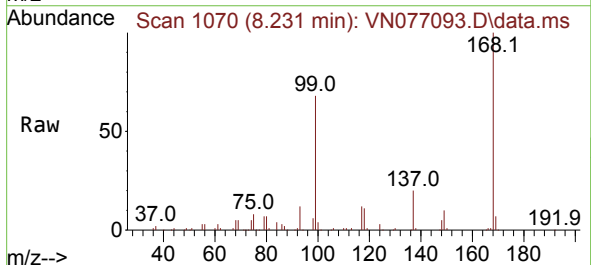
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

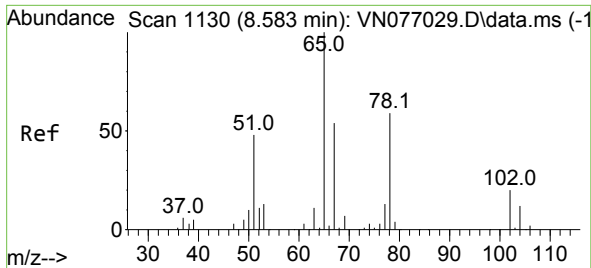
Tgt Ion: 43 Resp: 4312
Ion Ratio Lower Upper
43 100
74 5.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion: 56 Resp: 9804
Ion Ratio Lower Upper
56 100
69 143.8 22.8 34.2#
84 134.5 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 51.249 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077093.D

Acq: 21 Mar 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

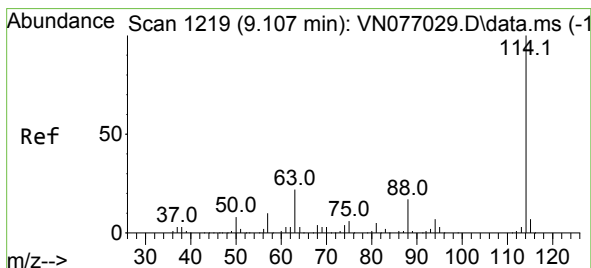
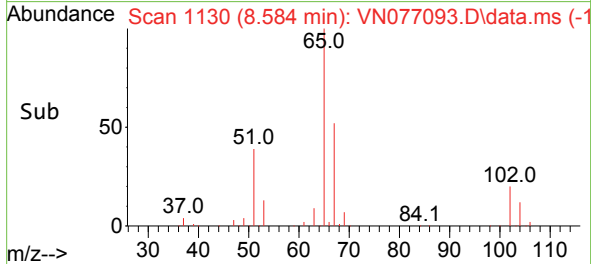
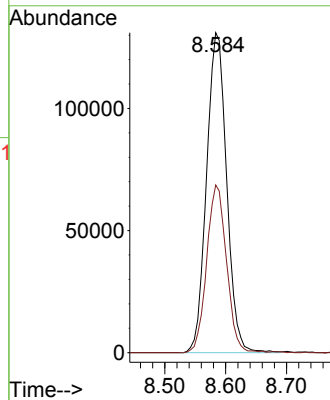
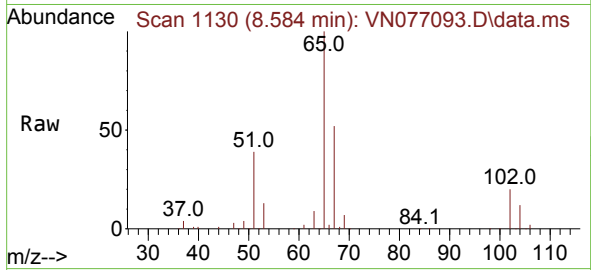
VIBLK

Tgt Ion: 65 Resp: 300117

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077093.D

Acq: 21 Mar 2023 16:20

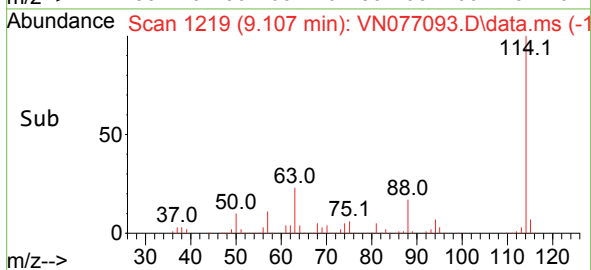
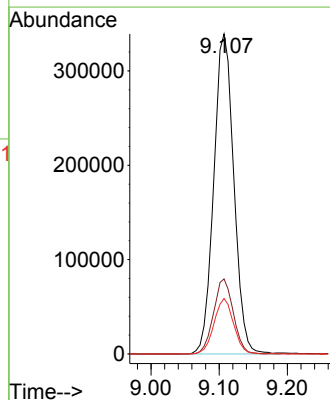
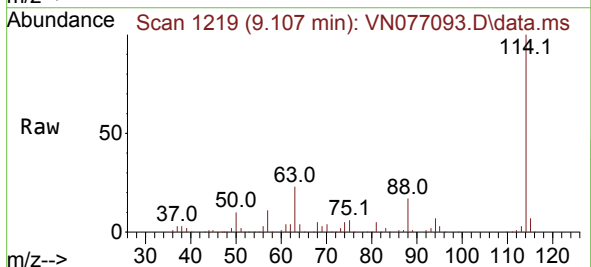
Tgt Ion: 114 Resp: 695695

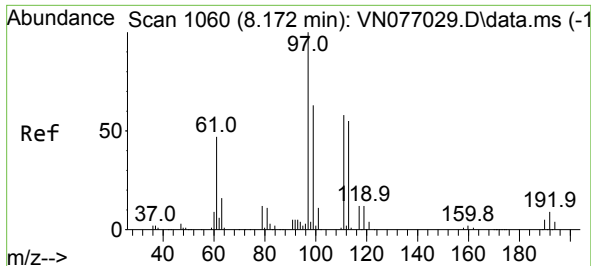
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 17.3 0.0 33.8

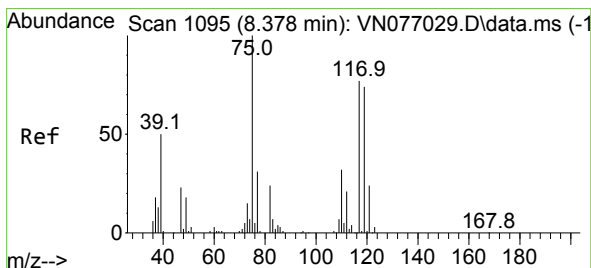
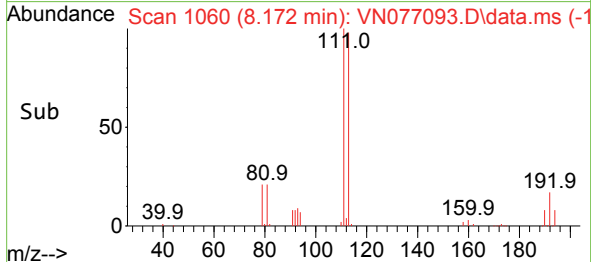
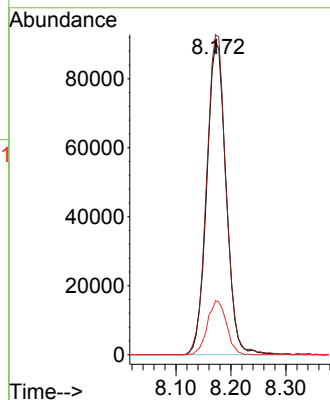
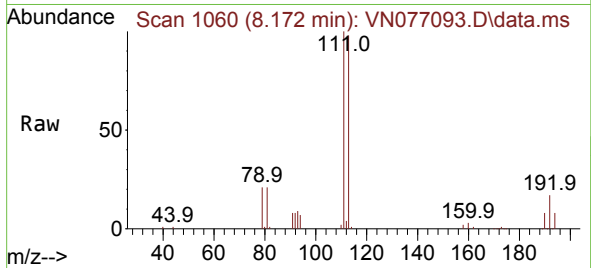




#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

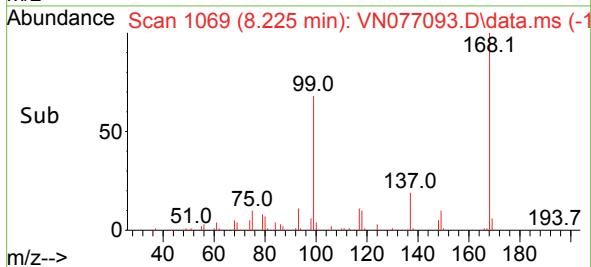
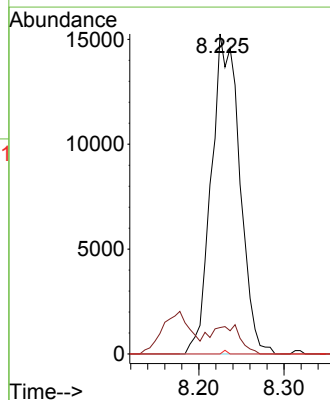
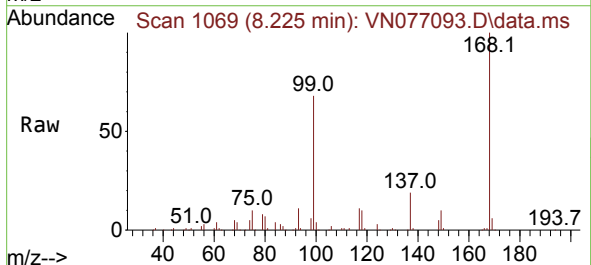
Instrument :
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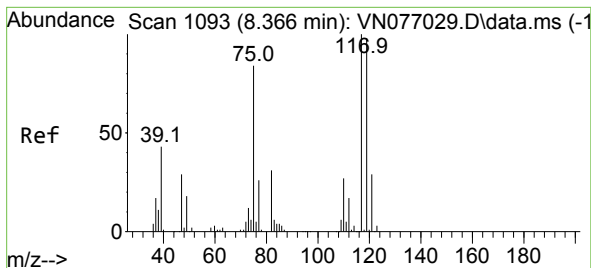
Tgt Ion:113 Resp: 221301
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 17.0 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion: 75 Resp: 35353
Ion Ratio Lower Upper
75 100
110 9.6 15.9 47.7#
77 0.2 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.682 ug/l

RT: 8.231 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN077093.D

Acq: 21 Mar 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

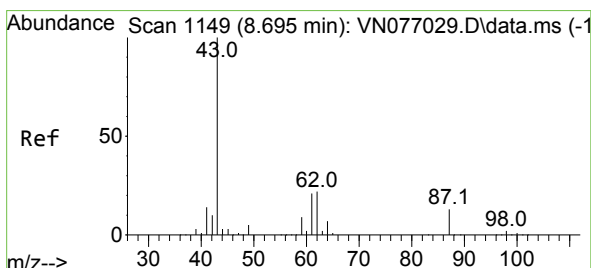
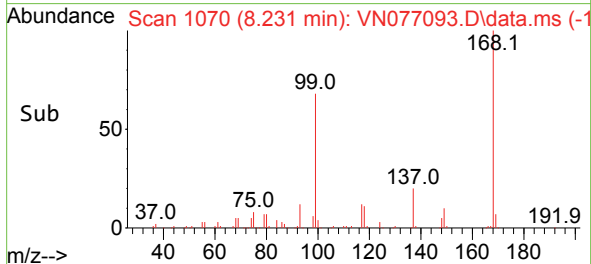
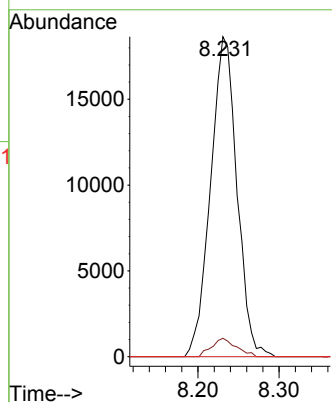
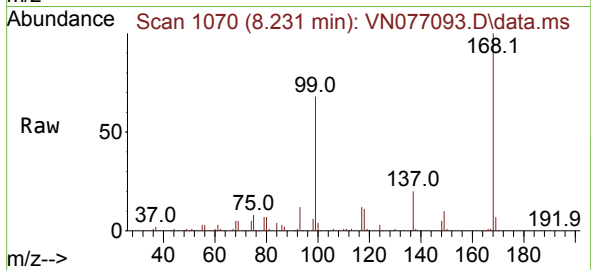
Tgt Ion:117 Resp: 42115

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 23.2 34.8#



#43

Isopropyl Acetate

Concen: 0.803 ug/l

RT: 8.713 min Scan# 1152

Delta R.T. 0.018 min

Lab File: VN077093.D

Acq: 21 Mar 2023 16:20

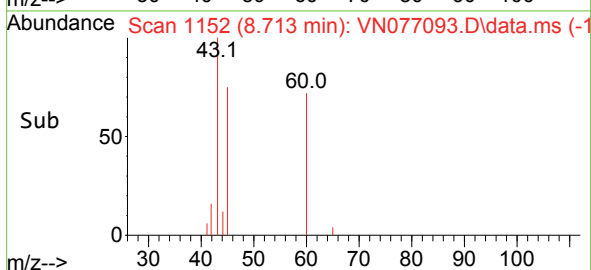
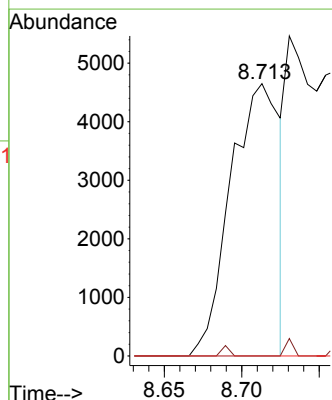
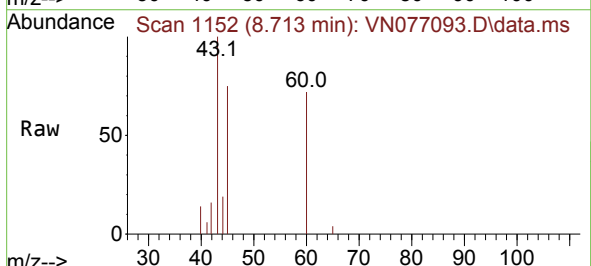
Tgt Ion: 43 Resp: 10209

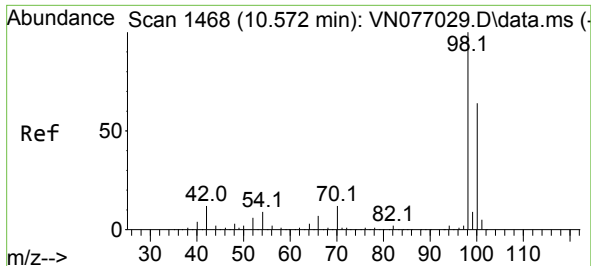
Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 10.0 15.0#

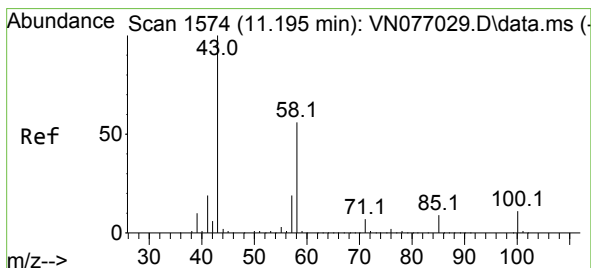
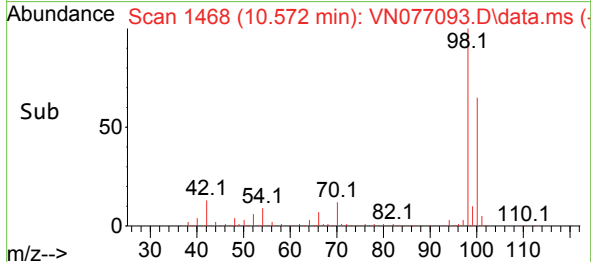
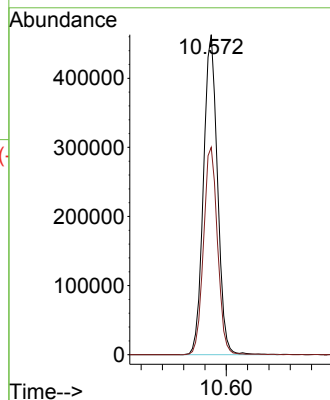
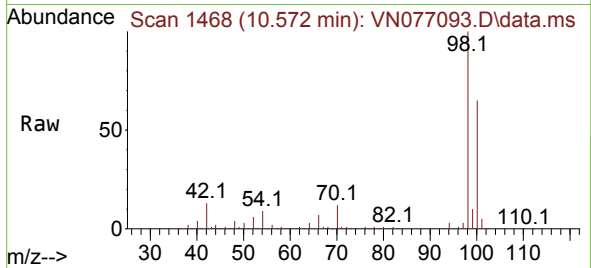




#50
Toluene-d8
Concen: 48.508 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

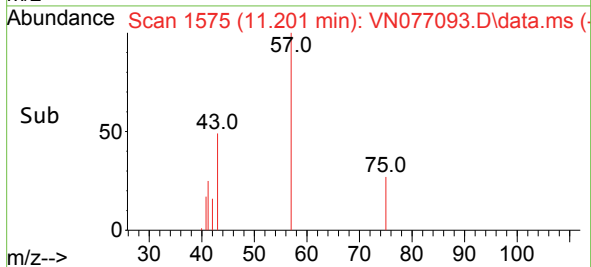
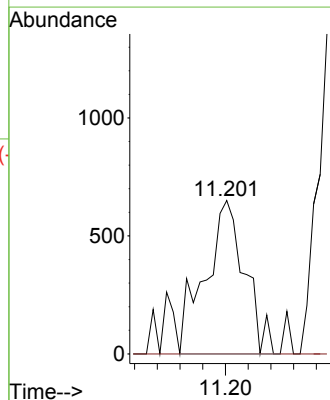
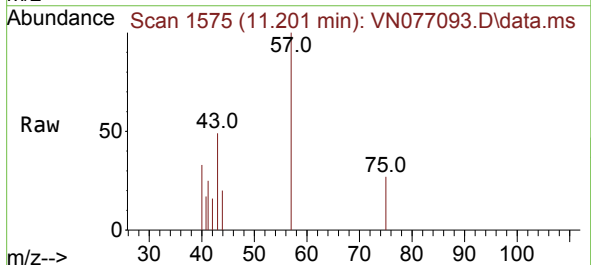
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

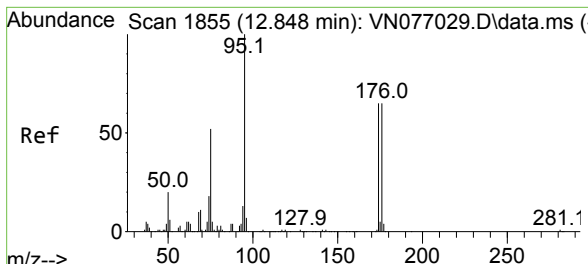
Tgt Ion: 98 Resp: 844205
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#59
2-Hexanone
Concen: 0.275 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 0.0 27.7 83.1#

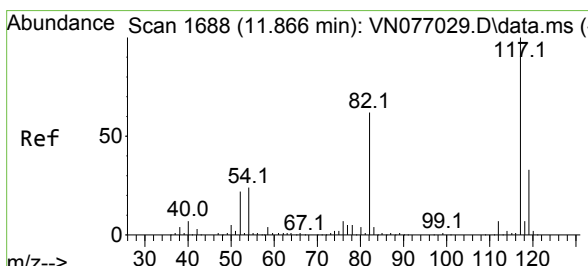
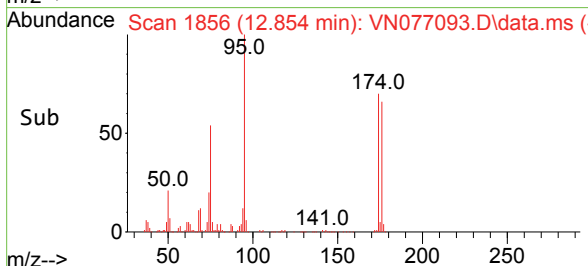
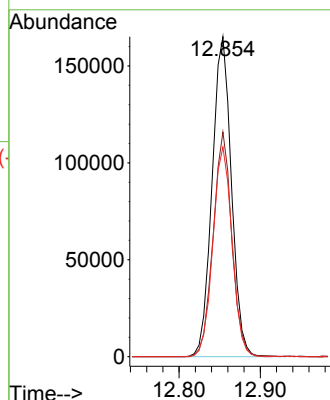
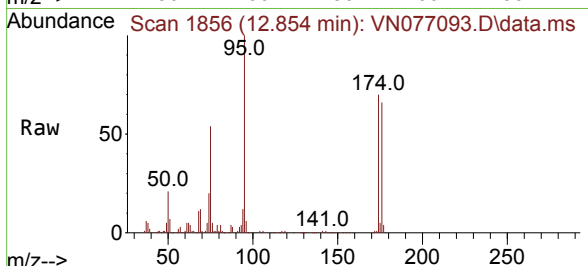




#62
4-Bromofluorobenzene
Concen: 44.321 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

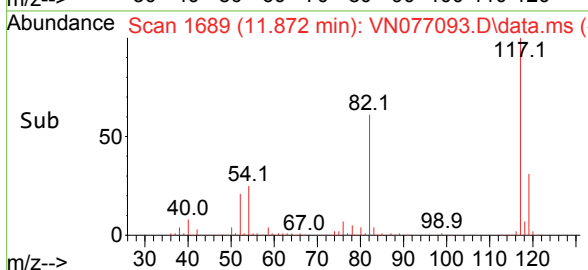
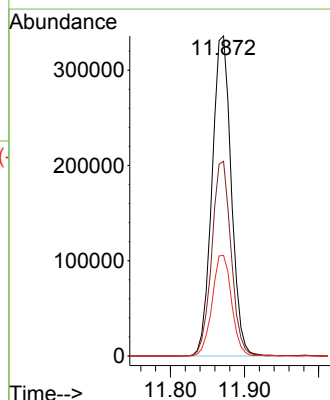
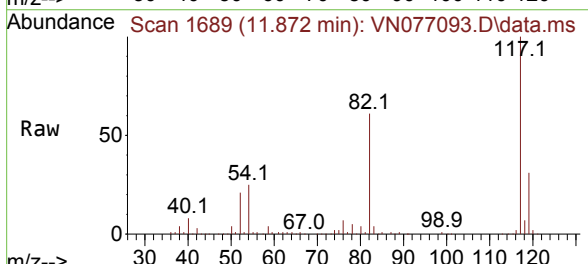
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

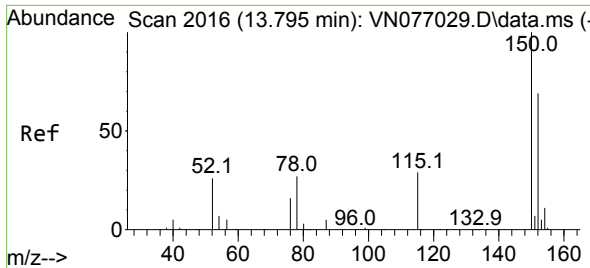
Tgt Ion: 95 Resp: 272565
Ion Ratio Lower Upper
95 100
174 67.9 0.0 136.6
176 65.1 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion: 117 Resp: 605324
Ion Ratio Lower Upper
117 100
82 60.9 49.4 74.0
119 31.4 26.5 39.7

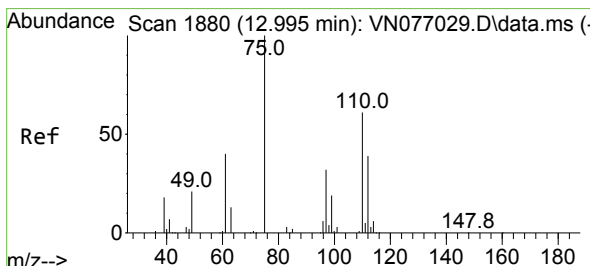
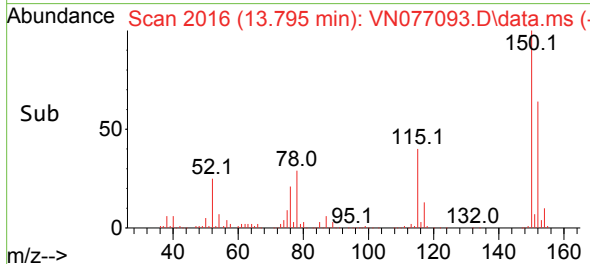
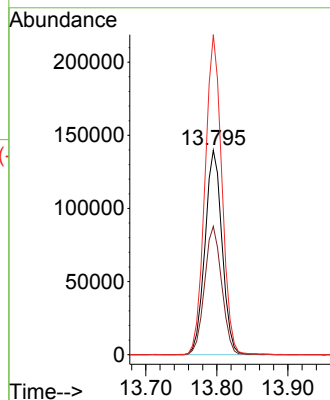
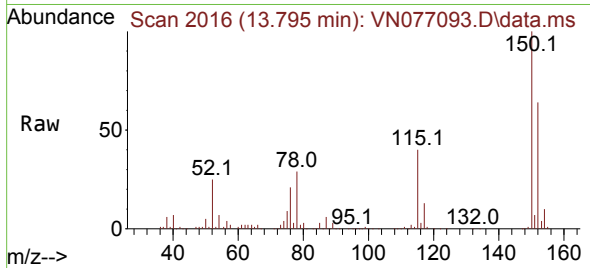




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN077093.D
 Acq: 21 Mar 2023 16:20

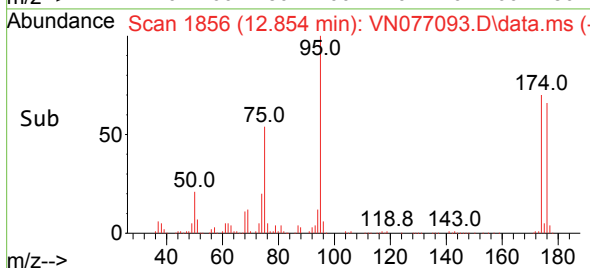
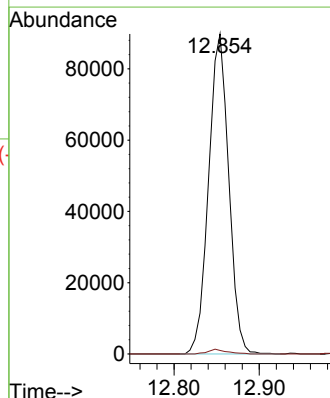
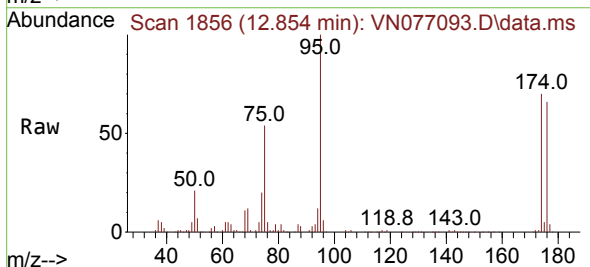
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

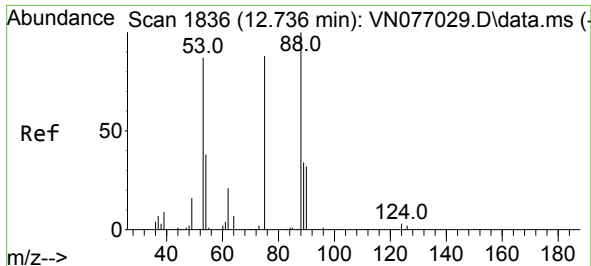
Tgt Ion:152 Resp: 234003
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.9 95.7
 150 154.4 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 24.351 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077093.D
 Acq: 21 Mar 2023 16:20

Tgt Ion: 75 Resp: 147390
 Ion Ratio Lower Upper
 75 100
 77 1.4 107.3 322.0#

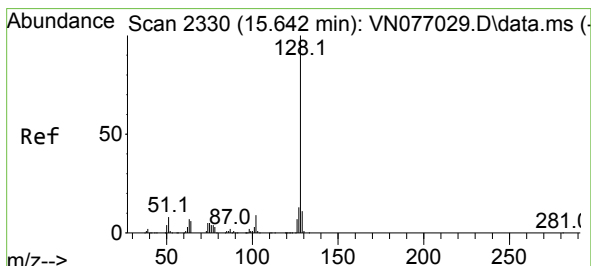
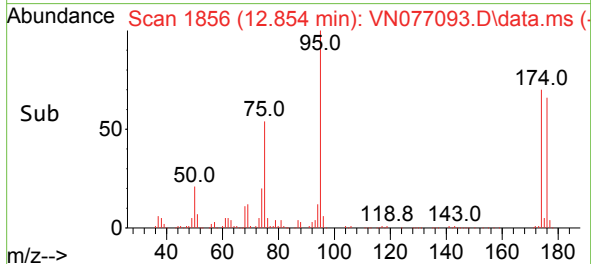
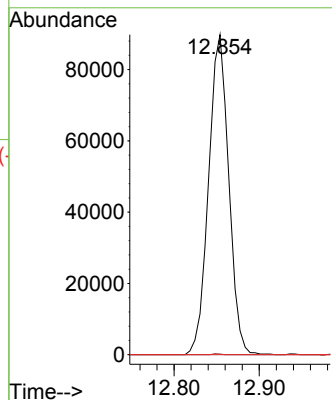
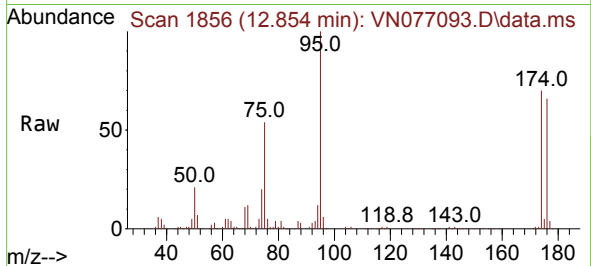




#81
trans-1,4-Dichloro-2-butene
Concen: 67.027 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 147390
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.951 ug/l
RT: 15.630 min Scan# 2328
Delta R.T. -0.012 min
Lab File: VN077093.D
Acq: 21 Mar 2023 16:20

Tgt Ion:128 Resp: 632
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

