

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076825.D
 Acq On : 28 Feb 2023 13:57
 Operator : JC\MD
 Sample : VN0228WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBL01

Quant Time: Mar 01 01:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

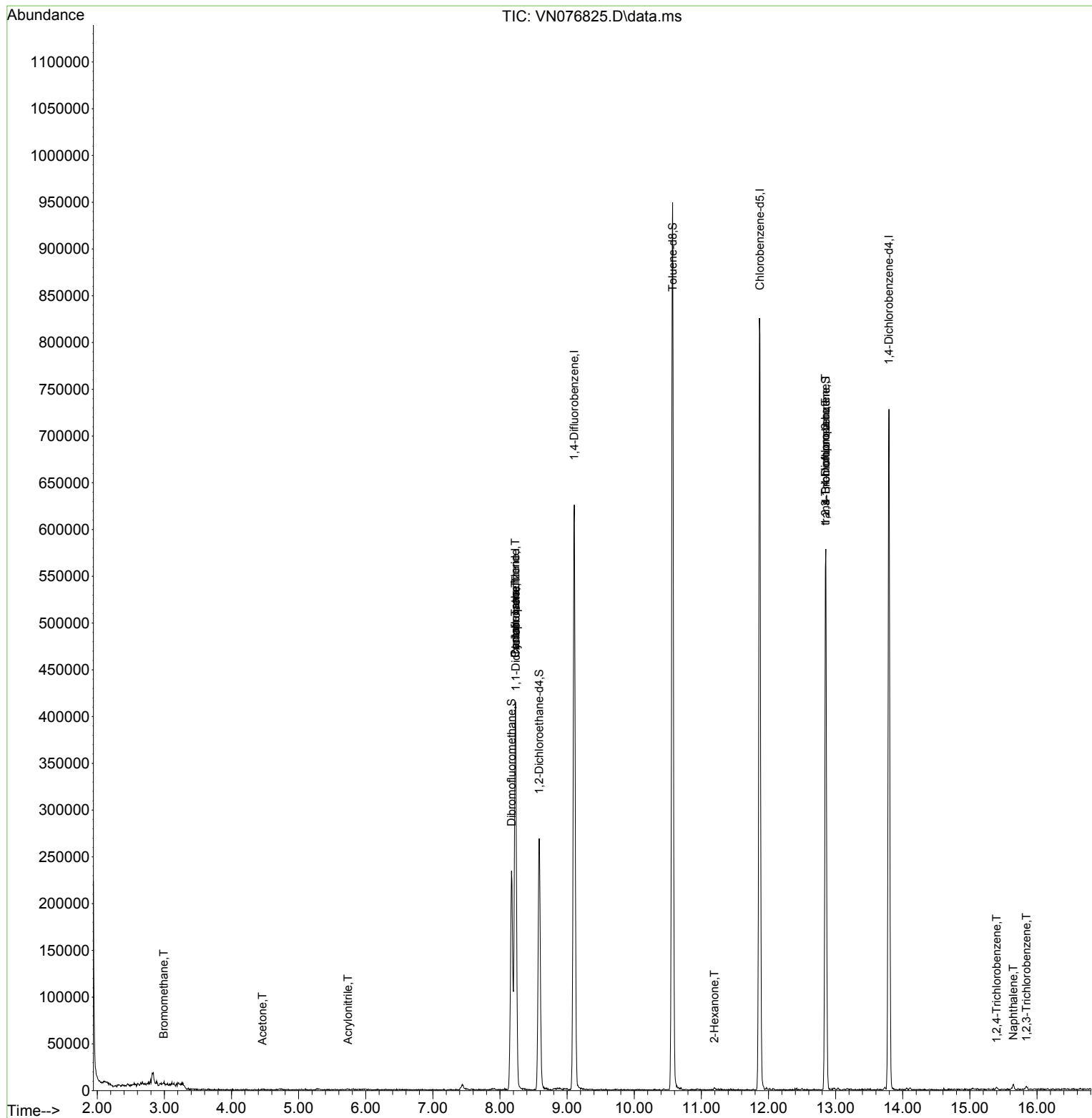
Internal Standards						
1) Pentafluorobenzene	8.230	168	291550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	523853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	457009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	180925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210501	52.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.580%	
35) Dibromofluoromethane	8.172	113	161539	47.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.180%	
50) Toluene-d8	10.572	98	636402	49.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.854	95	187348	44.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.990	94	1388	0.576	ug/l #	55
15) Acrylonitrile	5.737	53	641	0.340	ug/l #	30
16) Acetone	4.460	43	1132	0.629	ug/l #	42
31) Cyclohexane	8.230	56	8320	1.317	ug/l #	61
36) 1,1-Dichloropropene	8.236	75	27339	5.516	ug/l #	47
38) Carbon Tetrachloride	8.230	117	30049	6.010	ug/l #	19
59) 2-Hexanone	11.195	43	1860	0.478	ug/l	94
76) 1,2,3-Trichloropropane	12.848	75	106754	29.185	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	106754	85.004	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.401	180	1354	0.423	ug/l #	70
95) Naphthalene	15.648	128	5347	0.551	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.842	180	1143	0.369	ug/l #	38

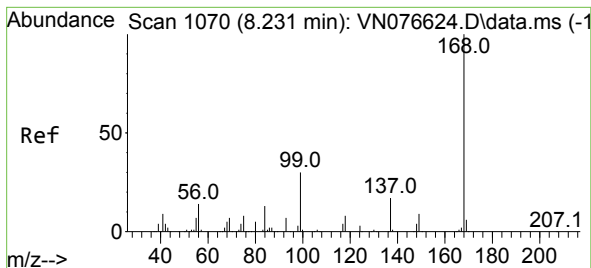
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

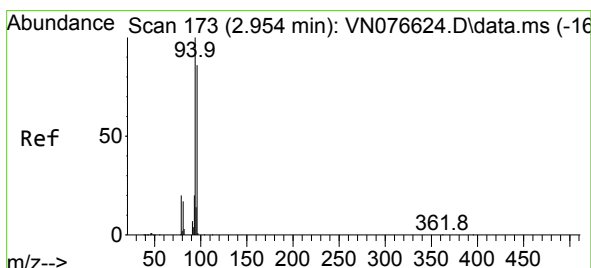
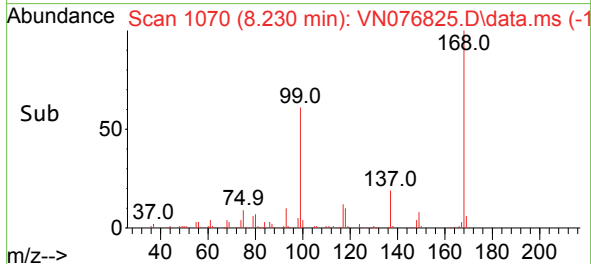
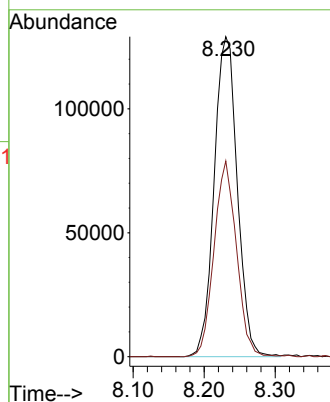
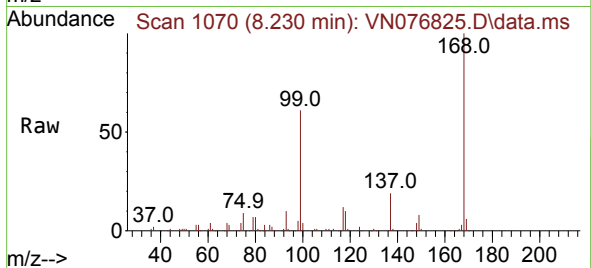
VN0228WBL01

Tgt Ion:168 Resp: 291550

Ion Ratio Lower Upper

168 100

99 61.2 44.8 67.2



#5

Bromomethane

Concen: 0.576 ug/l

RT: 2.990 min Scan# 179

Delta R.T. 0.036 min

Lab File: VN076825.D

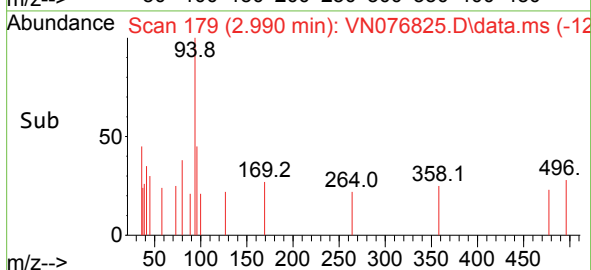
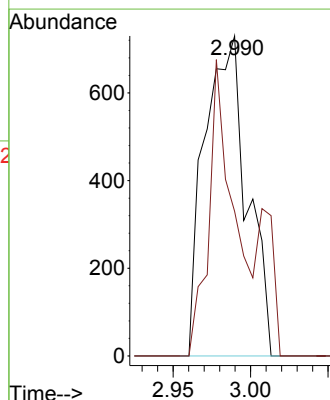
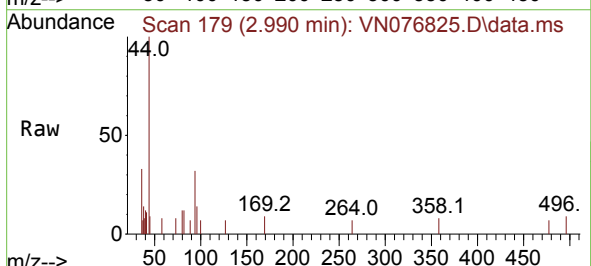
Acq: 28 Feb 2023 13:57

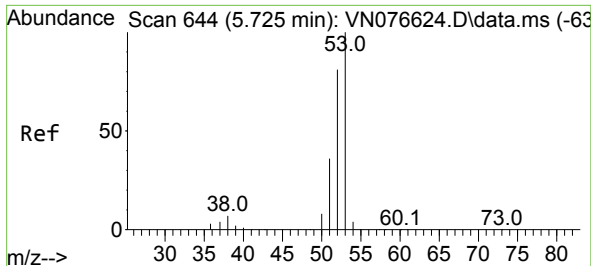
Tgt Ion: 94 Resp: 1388

Ion Ratio Lower Upper

94 100

96 45.2 69.0 103.4#

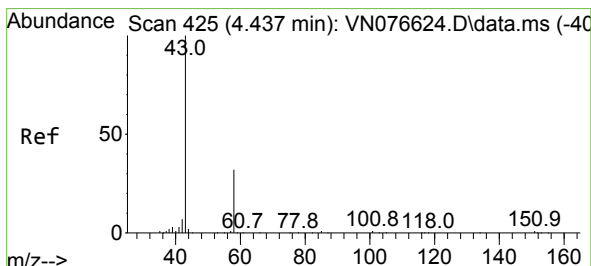
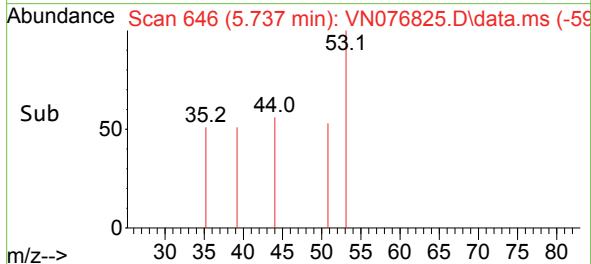
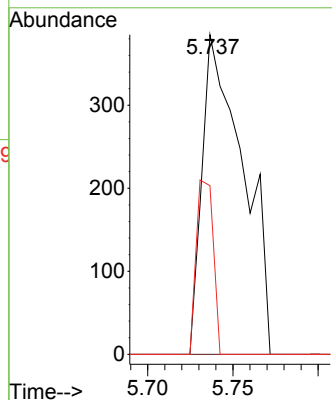
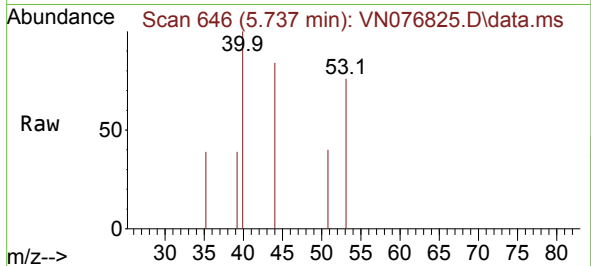




#15
Acrylonitrile
Concen: 0.340 ug/l
RT: 5.737 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

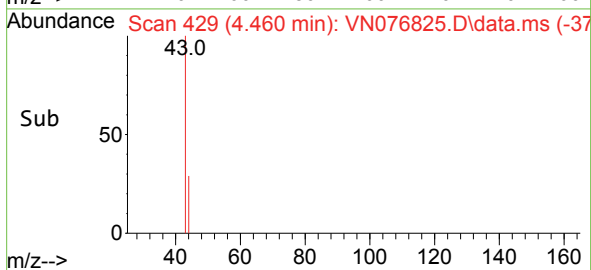
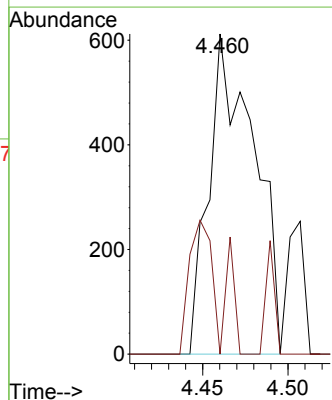
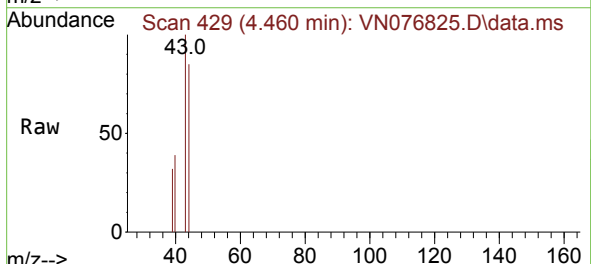
Instrument :
MSVOA_N
ClientSampleId :
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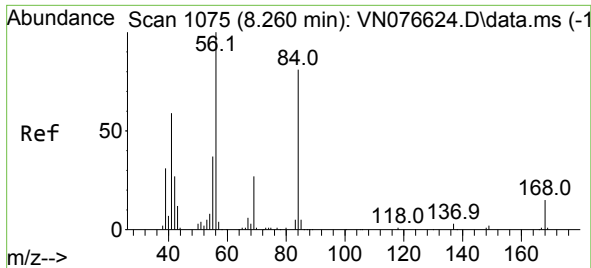
Tgt Ion: 53 Resp: 641
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 22.8 29.2 43.8#



#16
Acetone
Concen: 0.629 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

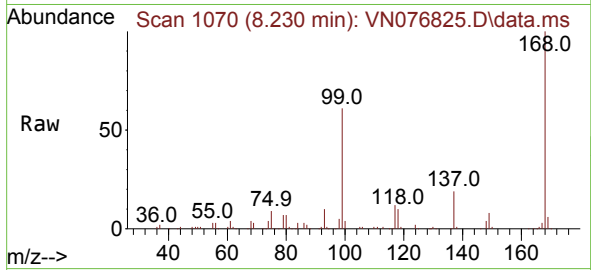
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



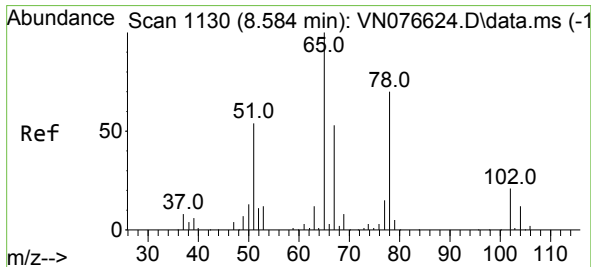
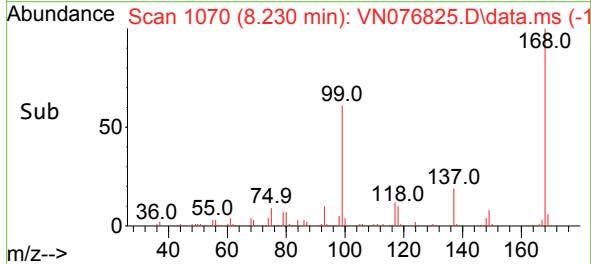
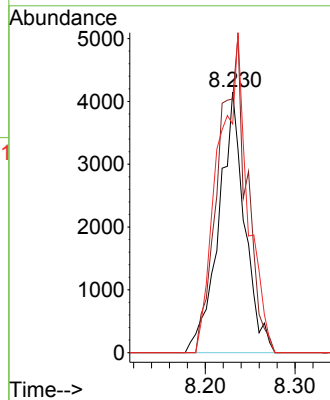


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBL01

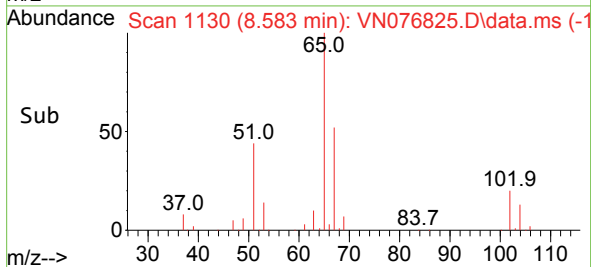
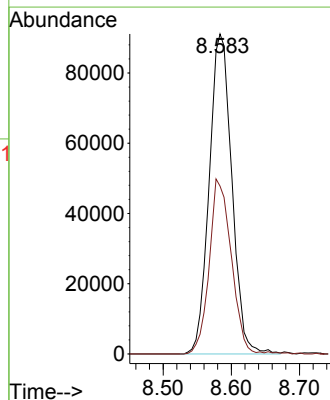
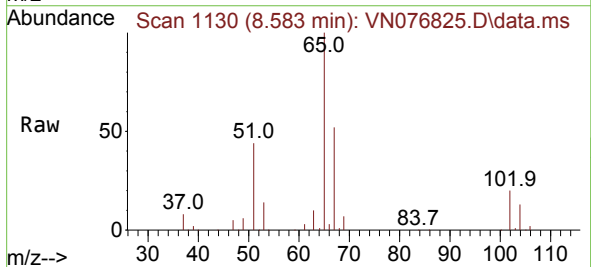


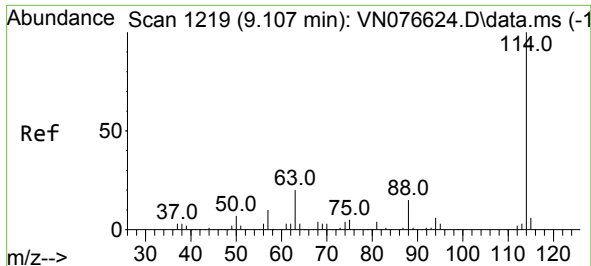
Tgt Ion: 56 Resp: 8320
Ion Ratio Lower Upper
56 100
69 97.4 21.6 32.4#
84 87.7 65.1 97.7



#33
1,2-Dichloroethane-d4
Concen: 52.287 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

Tgt Ion: 65 Resp: 210501
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6

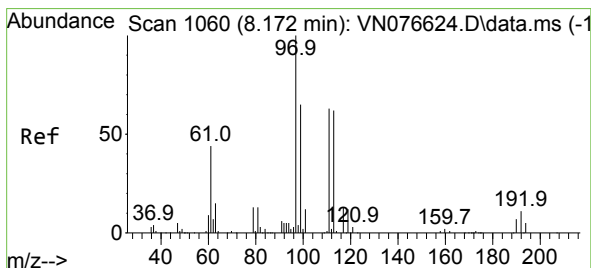
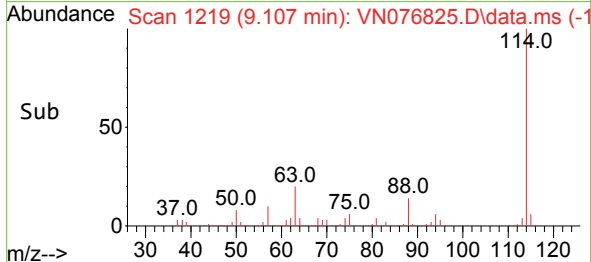
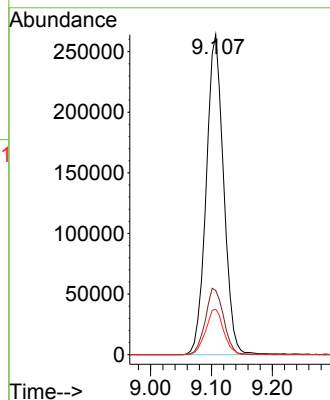
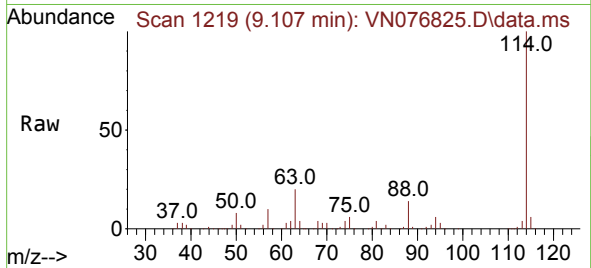




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

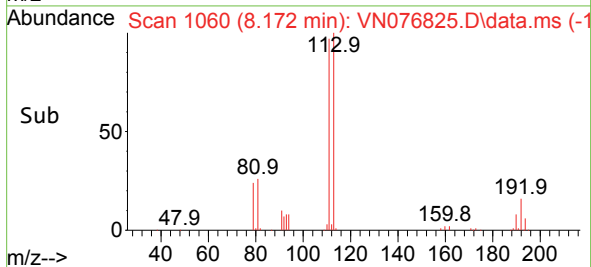
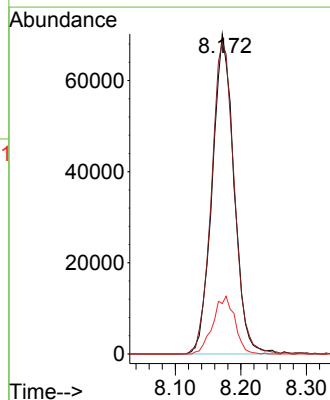
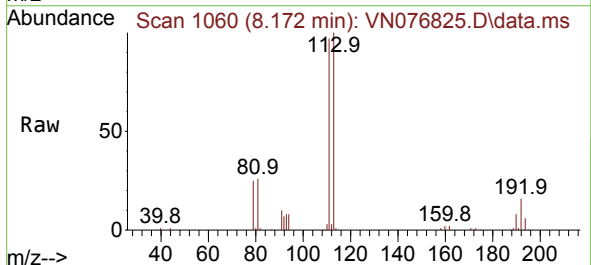
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBL01

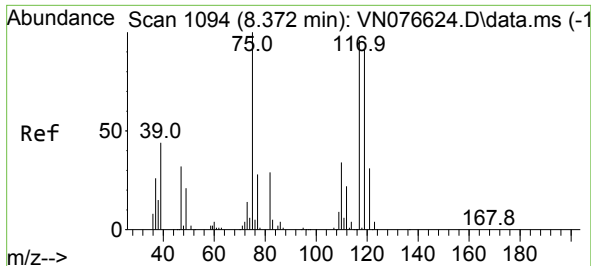
Tgt Ion:114 Resp: 523853
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 14.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.087 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

Tgt Ion:113 Resp: 161539
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 18.1 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.516 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.136 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBL01

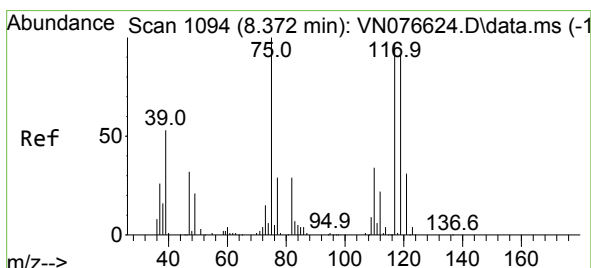
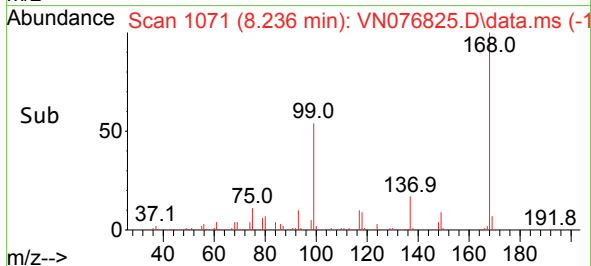
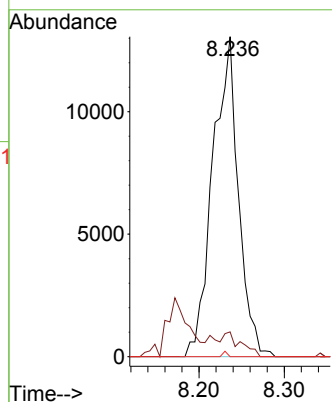
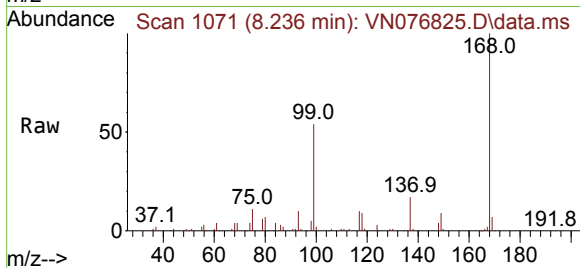
Tgt Ion: 75 Resp: 27339

Ion Ratio Lower Upper

75 100

110 5.3 17.5 52.5#

77 0.3 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.010 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.142 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

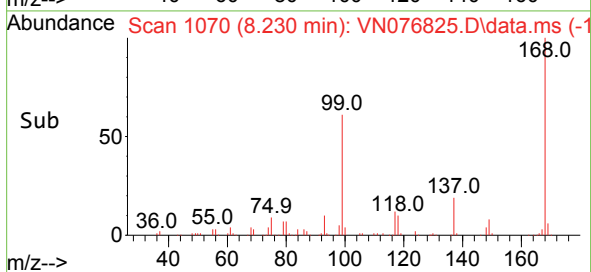
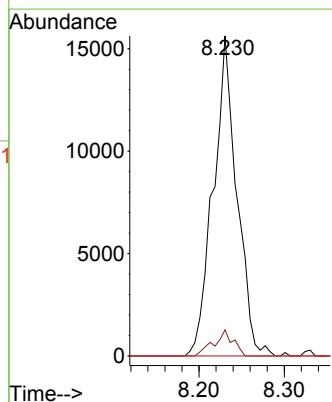
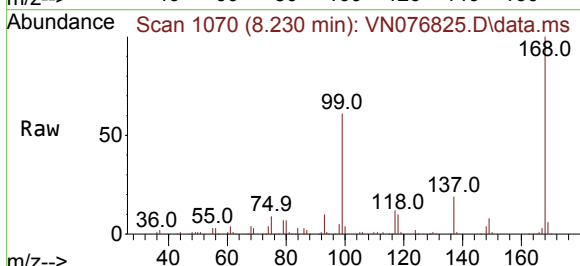
Tgt Ion: 117 Resp: 30049

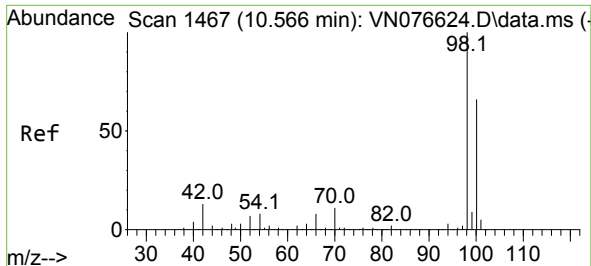
Ion Ratio Lower Upper

117 100

119 8.1 75.4 113.0#

121 0.0 26.0 39.0#

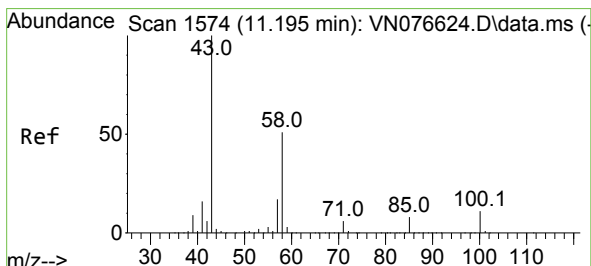
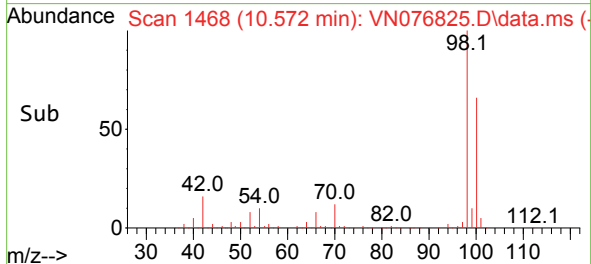
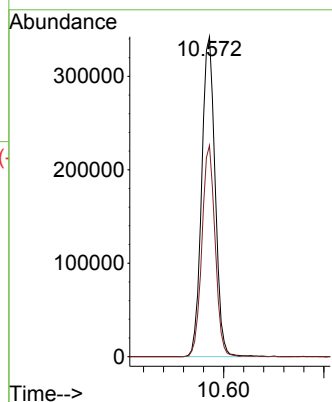
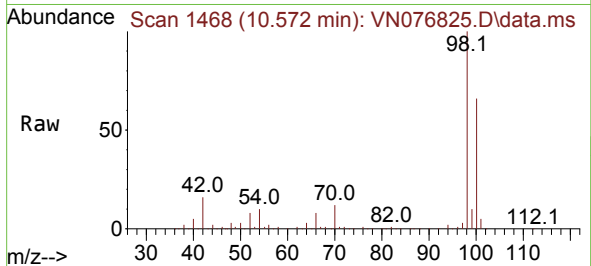




#50
Toluene-d8
Concen: 49.673 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

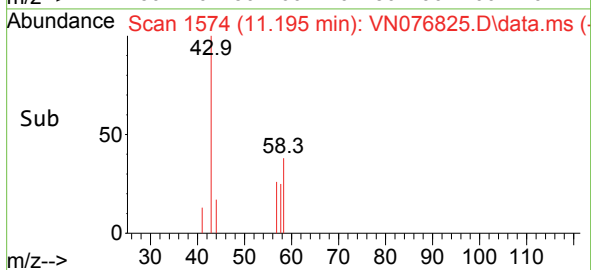
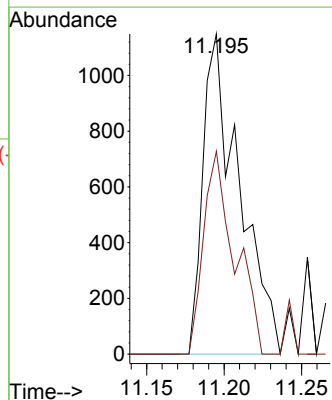
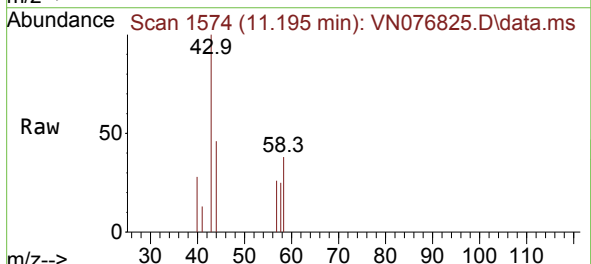
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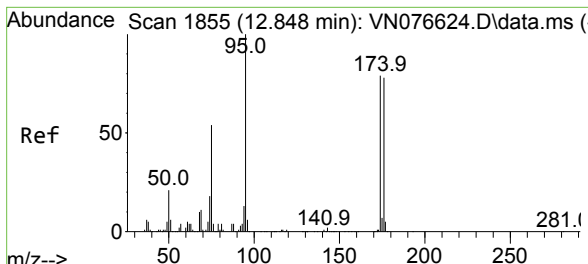
Tgt Ion: 98 Resp: 636402
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#59
2-Hexanone
Concen: 0.478 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 54.6 25.4 76.0

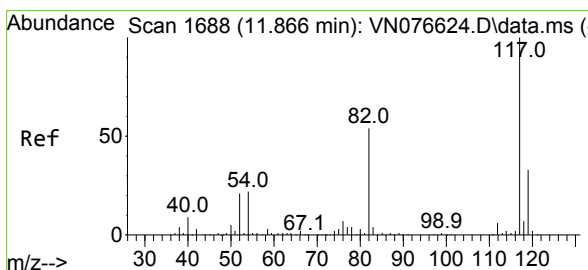
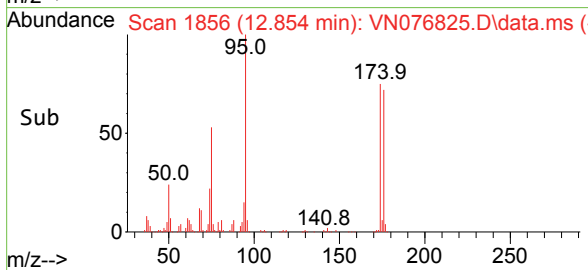
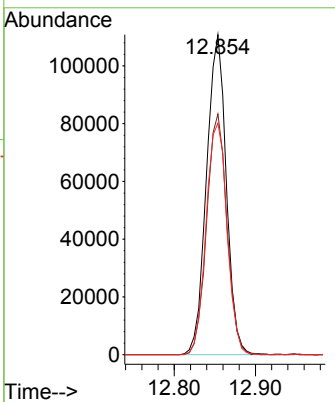
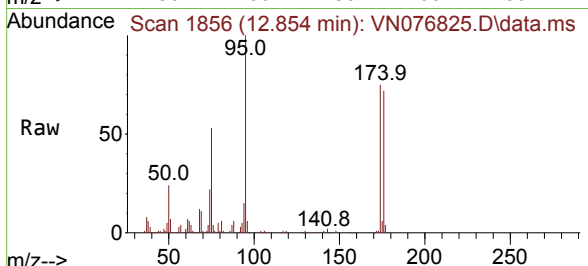




#62
 4-Bromofluorobenzene
 Concen: 44.151 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VN076825.D
 Acq: 28 Feb 2023 13:57

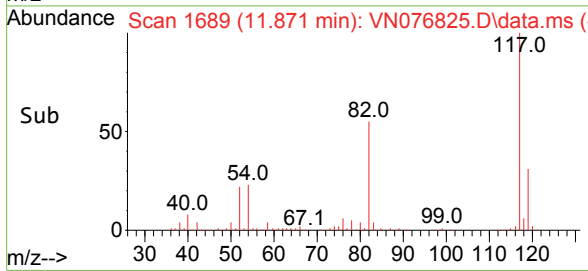
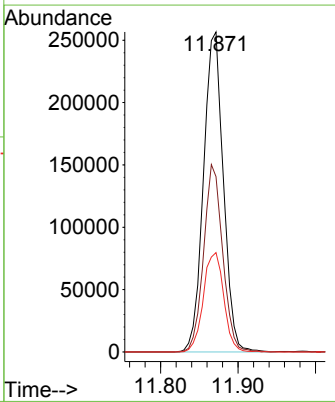
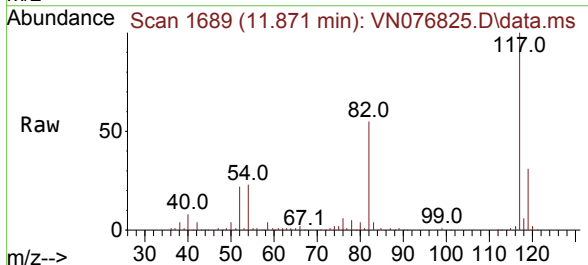
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBL01

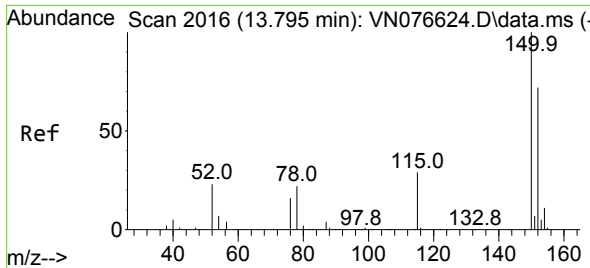
Tgt Ion:	95	Resp:	187348
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	169.2
176	76.4	0.0	163.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1689
 Delta R.T. 0.005 min
 Lab File: VN076825.D
 Acq: 28 Feb 2023 13:57

Tgt Ion:	117	Resp:	457009
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.4	65.2
119	31.1	26.1	39.1

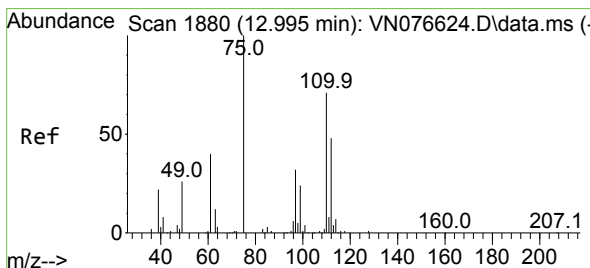
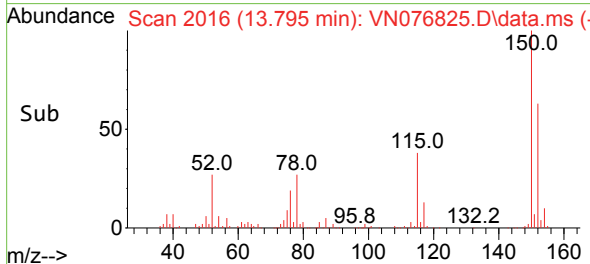
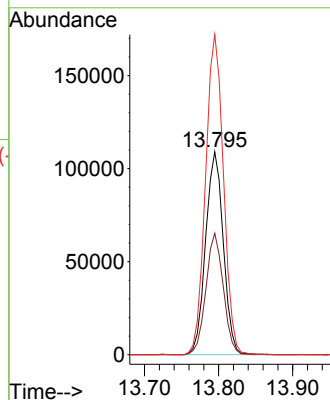
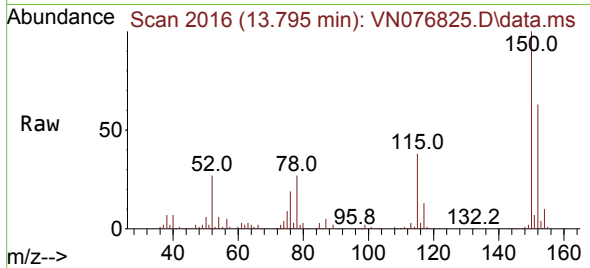




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076825.D
 Acq: 28 Feb 2023 13:57

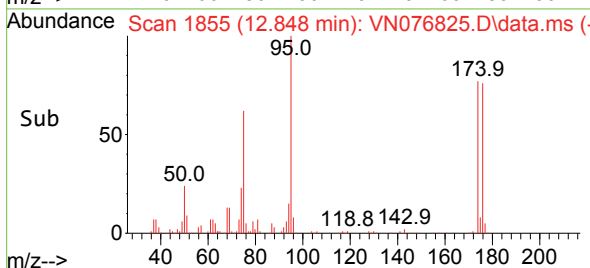
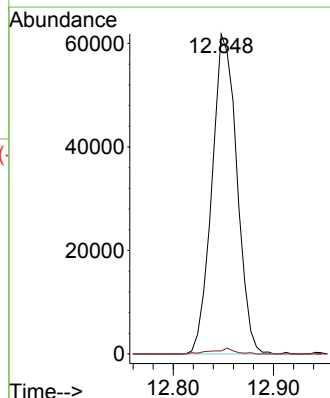
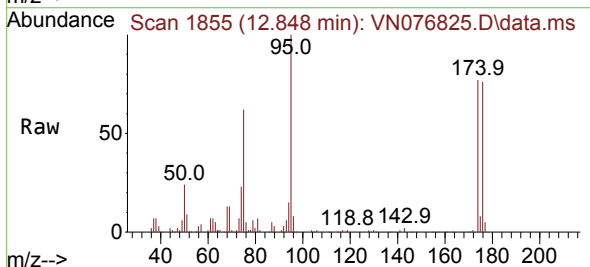
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBL01

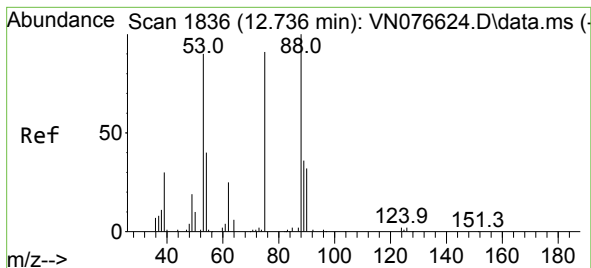
Tgt Ion:152 Resp: 180925
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.3 87.9
 150 159.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.185 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.147 min
 Lab File: VN076825.D
 Acq: 28 Feb 2023 13:57

Tgt Ion: 75 Resp: 106754
 Ion Ratio Lower Upper
 75 100
 77 1.7 93.1 279.3#

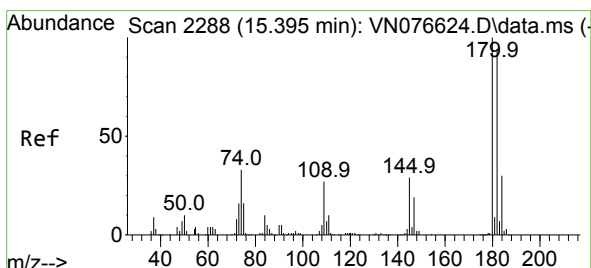
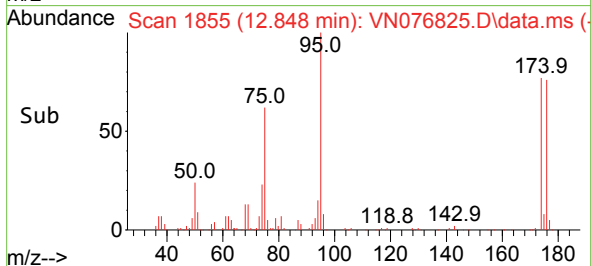
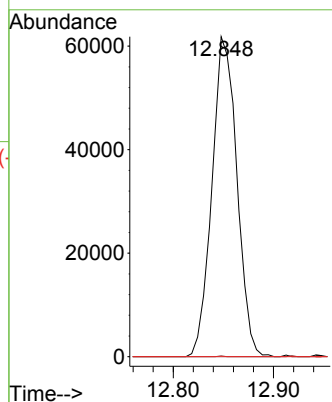
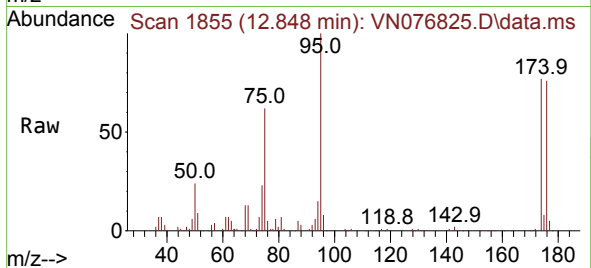




#81
trans-1,4-Dichloro-2-butene
Concen: 85.004 ug/l
RT: 12.848 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

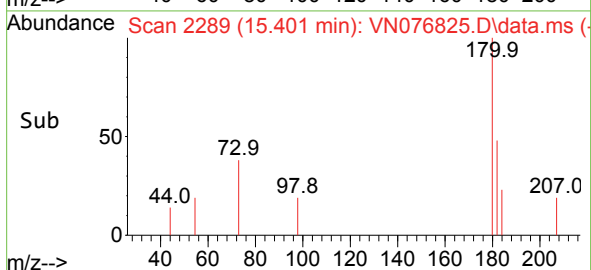
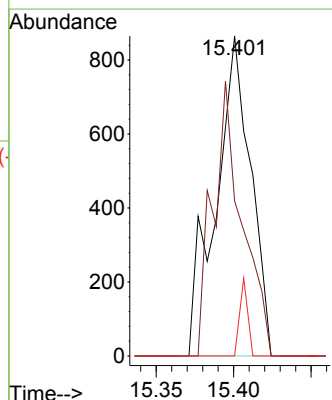
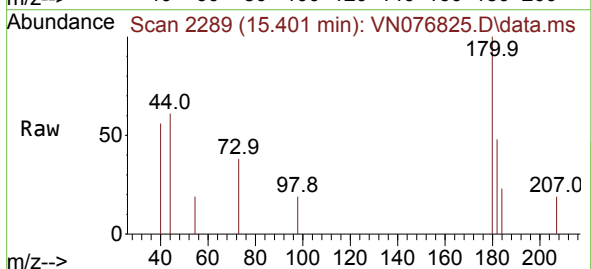
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBL01

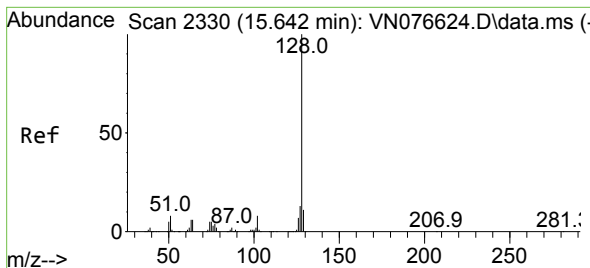
Tgt Ion: 75 Resp: 106754
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.423 ug/l
RT: 15.401 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VN076825.D
Acq: 28 Feb 2023 13:57

Tgt Ion:180 Resp: 1354
Ion Ratio Lower Upper
180 100
182 71.3 48.0 144.0
145 5.5 15.2 45.6#





#95

Naphthalene

Concen: 0.551 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBL01

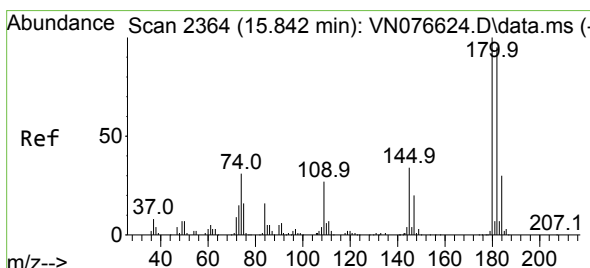
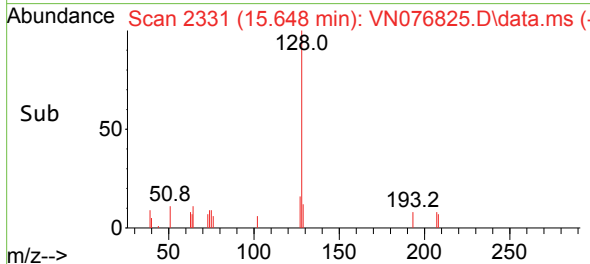
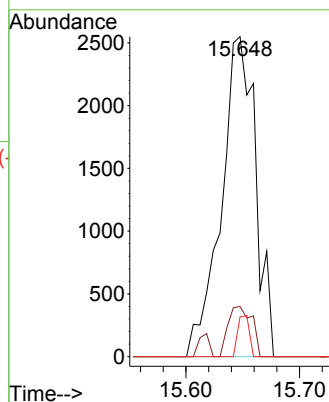
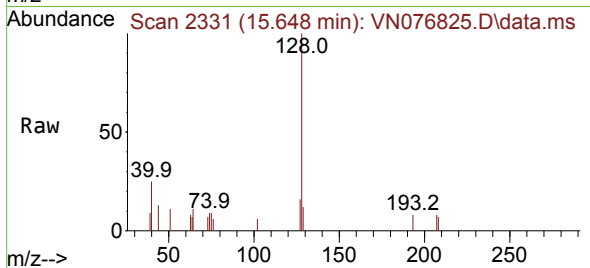
Tgt Ion:128 Resp: 5347

Ion Ratio Lower Upper

128 100

127 10.9 10.6 16.0

129 4.2 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.369 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

Tgt Ion:180 Resp: 1143

Ion Ratio Lower Upper

180 100

182 158.4 46.7 140.1#

145 5.3 16.0 47.9#

