

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076941.D
 Acq On : 10 Mar 2023 22:03
 Operator : JC\MD
 Sample : 01870-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UPS-01

Quant Time: Mar 13 01:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	356141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	591819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	513028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	218663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	257390	48.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.172	113	184235	46.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	10.572	98	696924	47.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.854	95	250178	47.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.100%

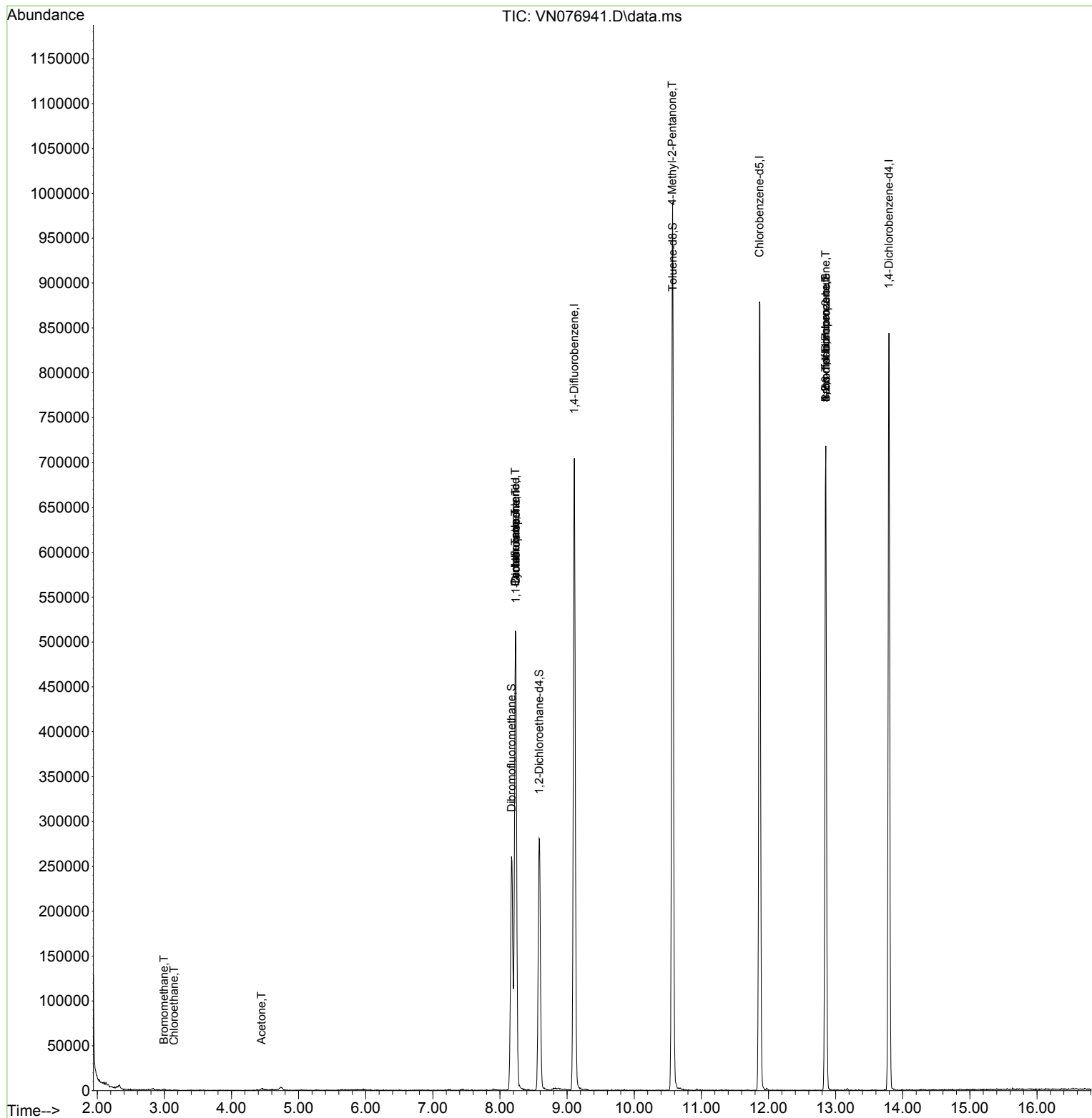
Target Compounds					Qvalue	
5) Bromomethane	2.996	94	790	0.333	ug/l #	48
6) Chloroethane	3.143	64	606	0.296	ug/l #	42
16) Acetone	4.448	43	2053	1.115	ug/l	99
31) Cyclohexane	8.231	56	8600	1.128	ug/l #	30
36) 1,1-Dichloropropene	8.236	75	29818	4.888	ug/l #	50
38) Carbon Tetrachloride	8.231	117	41456	5.807	ug/l #	16
51) 4-Methyl-2-Pentanone	10.566	43	2991	0.578	ug/l #	1
71) Bromoform	12.854	173	1501	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	138389	26.105	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	138389	85.270	ug/l #	15

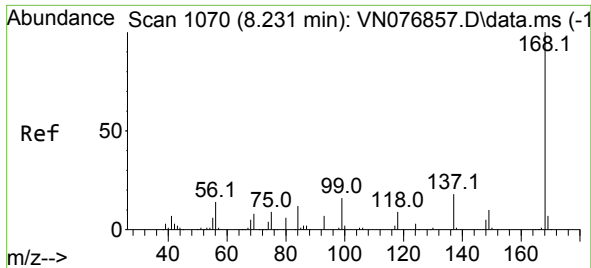
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

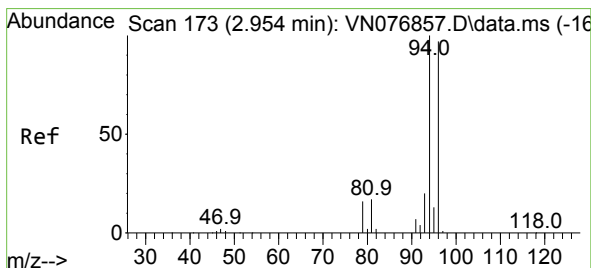
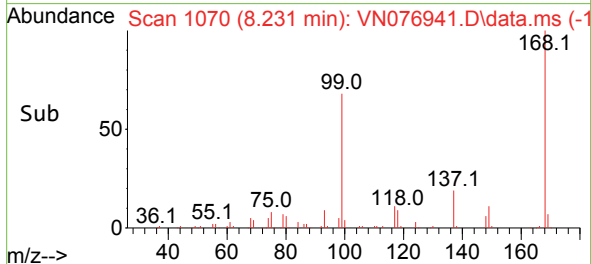
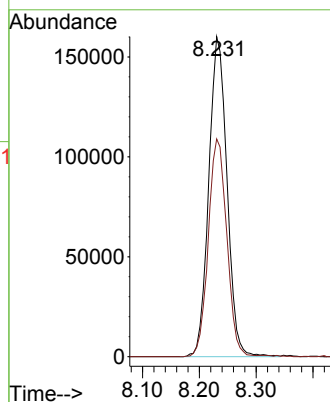
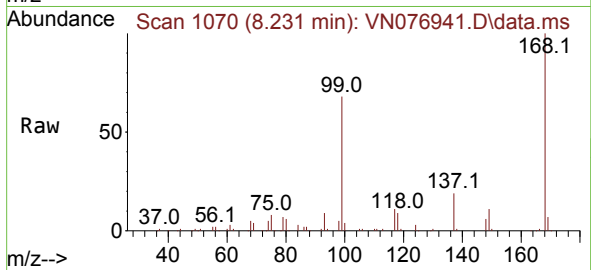




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

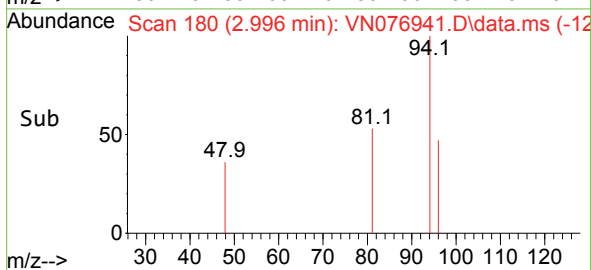
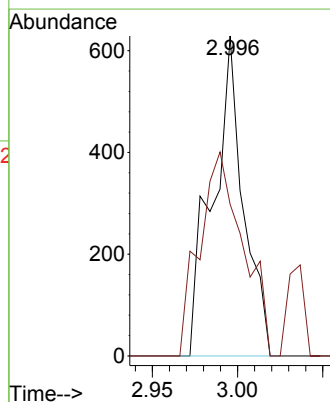
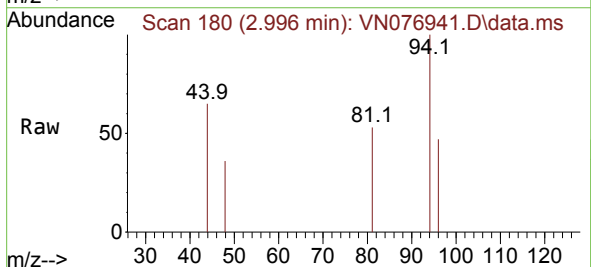
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MSVOA_N
ClientSampleId :
UPS-01

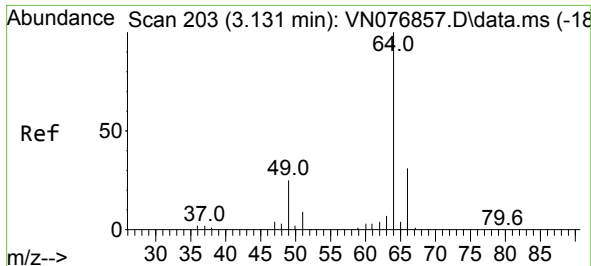
Tgt Ion:168 Resp: 356141
Ion Ratio Lower Upper
168 100
99 68.0 48.6 73.0



#5
Bromomethane
Concen: 0.333 ug/l
RT: 2.996 min Scan# 180
Delta R.T. 0.041 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion: 94 Resp: 790
Ion Ratio Lower Upper
94 100
96 47.4 79.0 118.6#

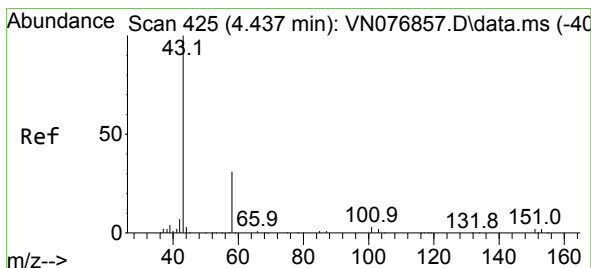
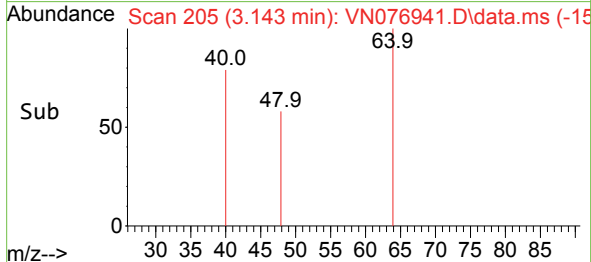
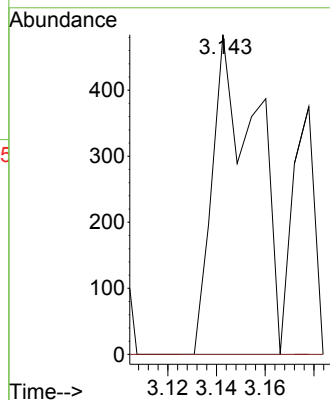
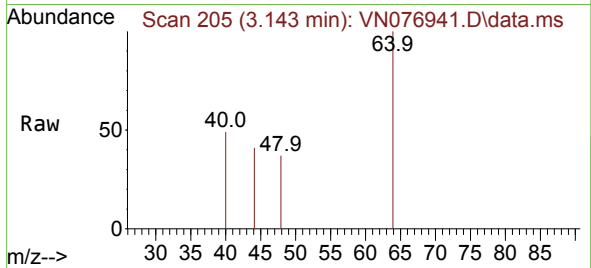




#6
Chloroethane
Concen: 0.296 ug/l
RT: 3.143 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

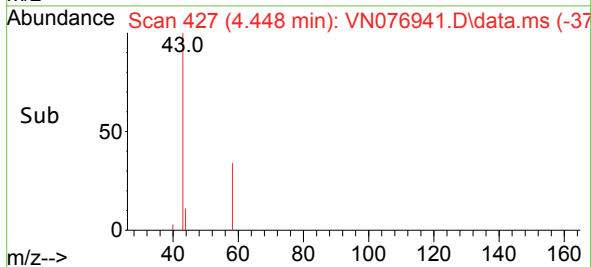
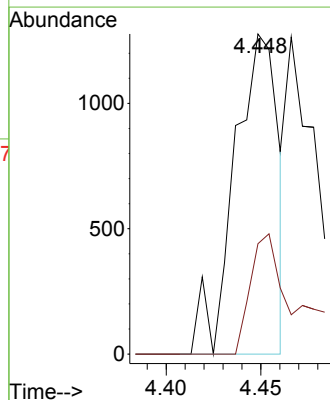
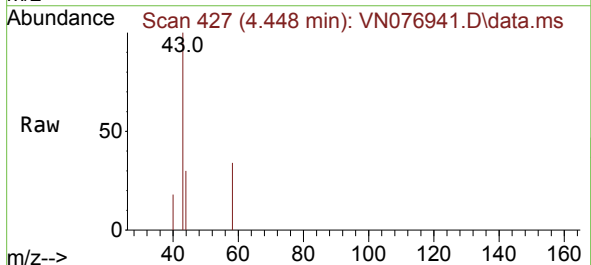
Instrument :
MSVOA_N
ClientSampleId :
UPS-01

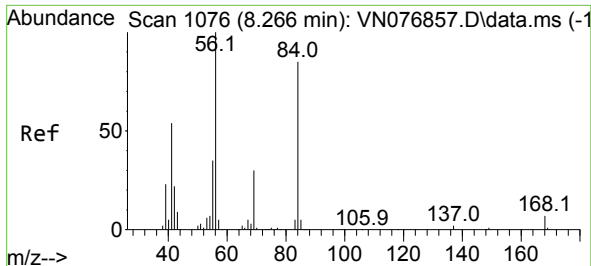
Tgt Ion: 64 Resp: 606
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.115 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

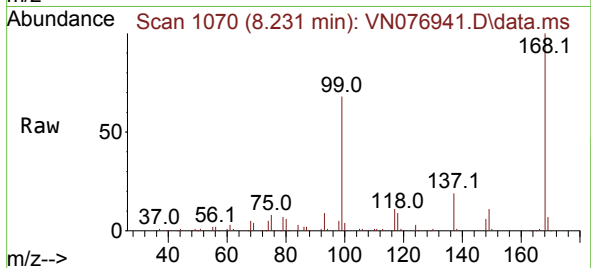
Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
58 34.5 28.2 42.2



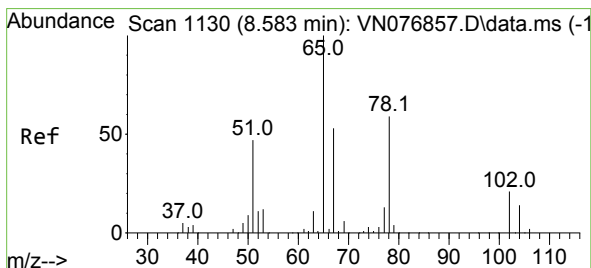
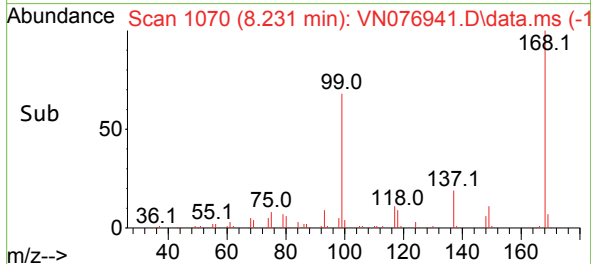
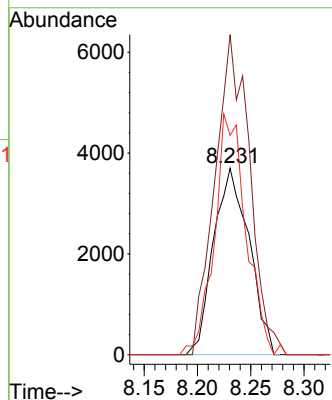


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.231 min Scan# 1076
Delta R.T. -0.035 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Instrument :
MSVOA_N
ClientSampleId :
UPS-01

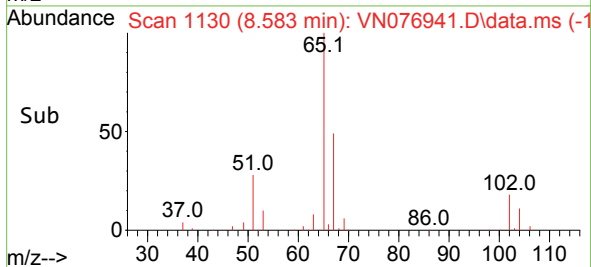
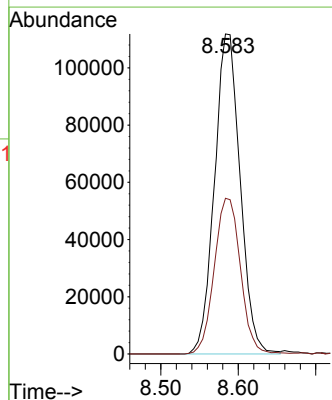
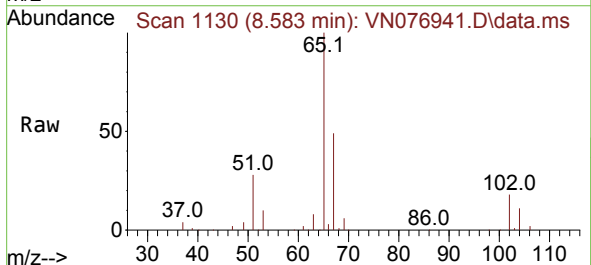


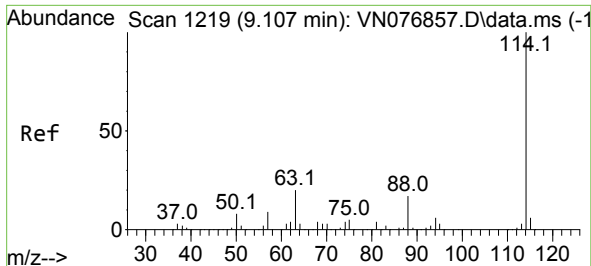
Tgt Ion: 56 Resp: 8600
Ion Ratio Lower Upper
56 100
69 171.6 27.0 40.6#
84 117.6 82.9 124.3



#33
1,2-Dichloroethane-d4
Concen: 48.431 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion: 65 Resp: 257390
Ion Ratio Lower Upper
65 100
67 49.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076941.D

Acq: 10 Mar 2023 22:03

Instrument :

MSVOA_N

ClientSampleId :

UPS-01

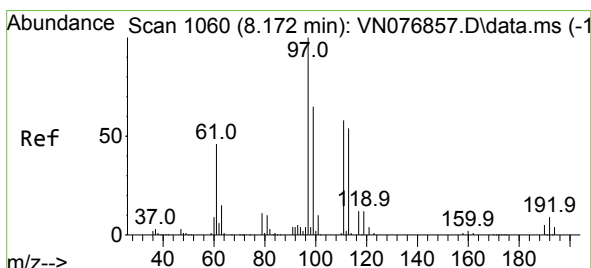
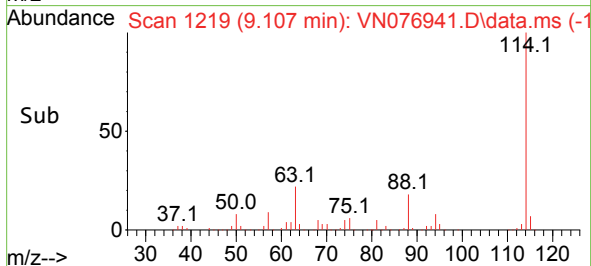
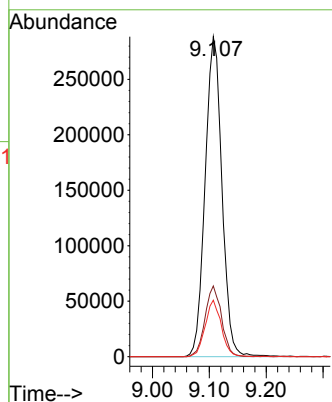
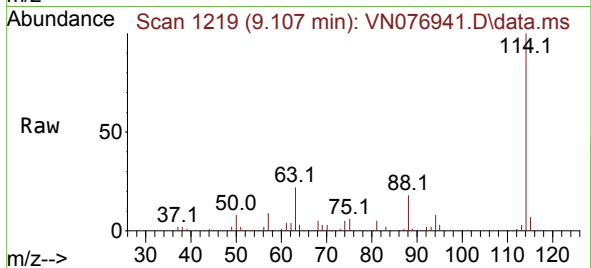
Tgt Ion:114 Resp: 591819

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.6

88 17.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.709 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076941.D

Acq: 10 Mar 2023 22:03

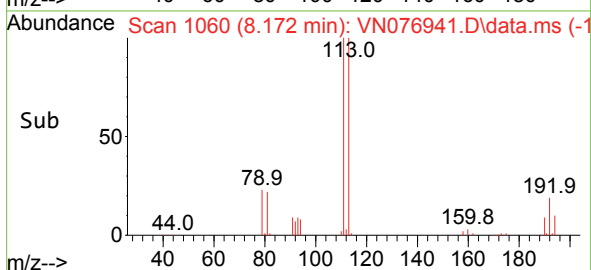
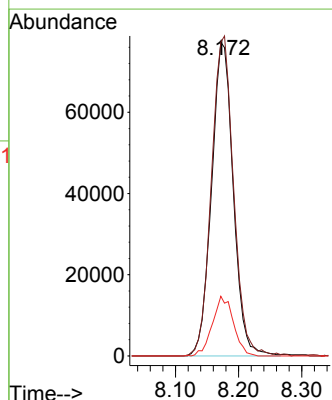
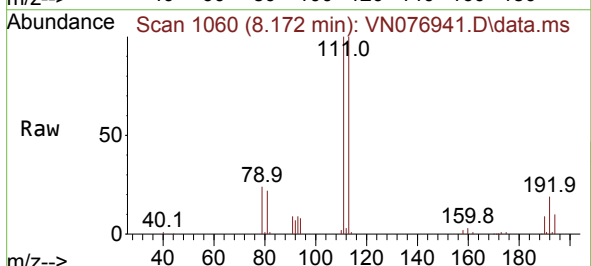
Tgt Ion:113 Resp: 184235

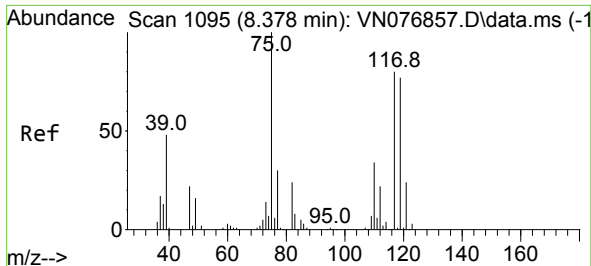
Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

192 18.5 13.9 20.9

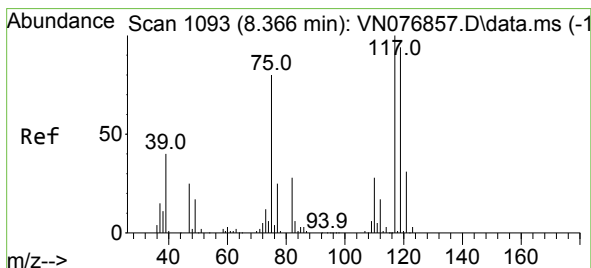
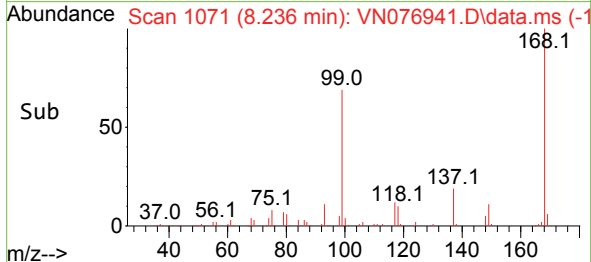
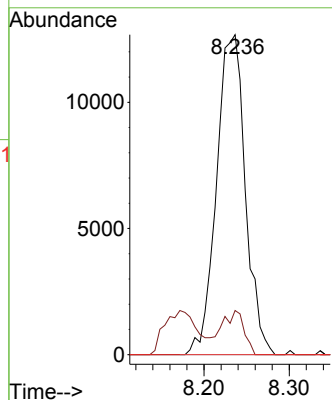
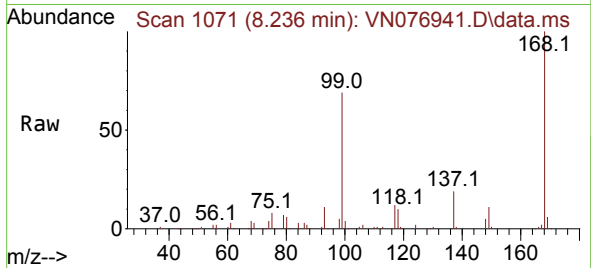




#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 8.236 min Scan# 1070
 Delta R.T. -0.141 min
 Lab File: VN076941.D
 Acq: 10 Mar 2023 22:03

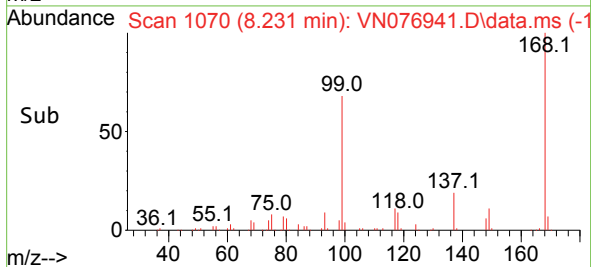
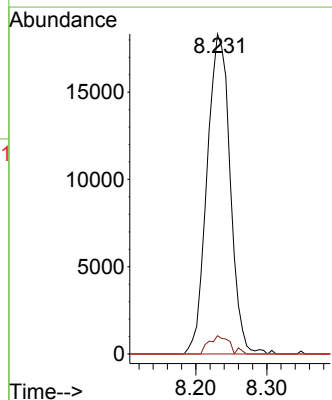
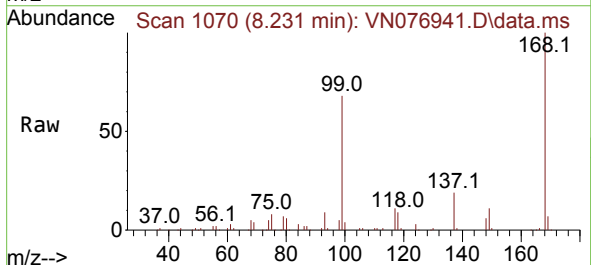
Instrument :
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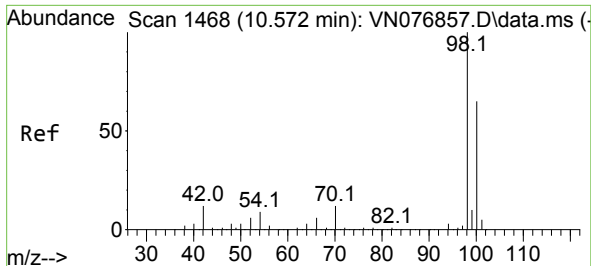
Tgt Ion: 75 Resp: 29818
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.9 56.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.807 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.141 min
 Lab File: VN076941.D
 Acq: 10 Mar 2023 22:03

Tgt Ion: 117 Resp: 41456
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.9 115.3#
 121 0.0 23.2 34.8#

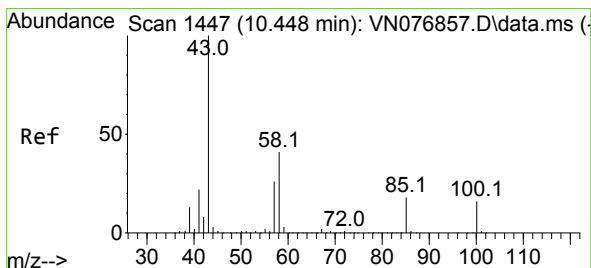
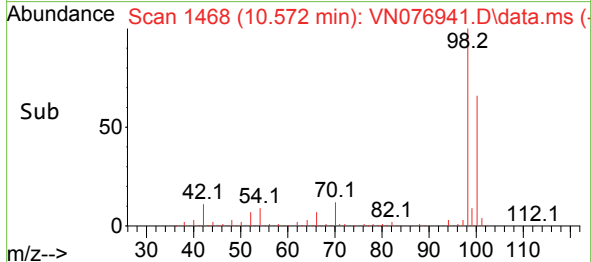
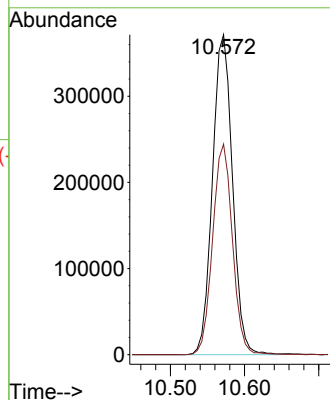
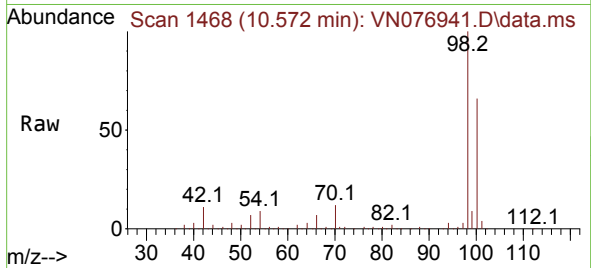




#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

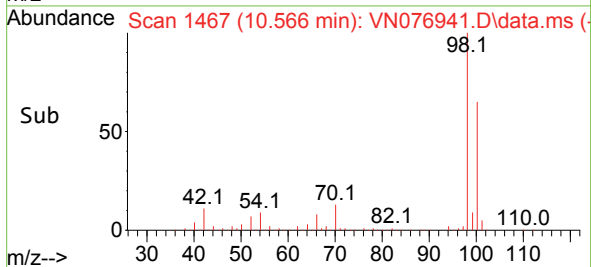
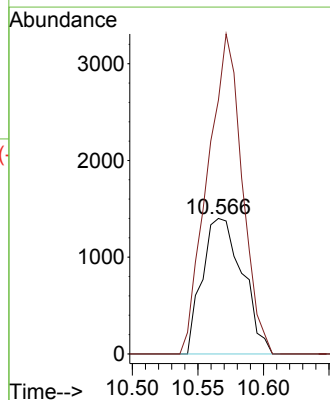
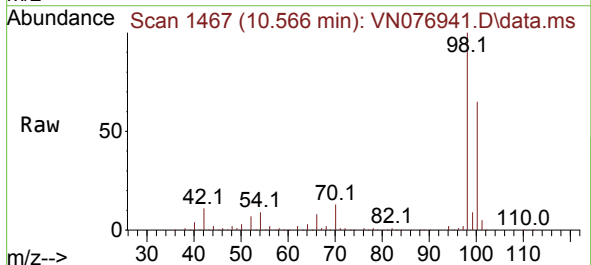
Instrument :
MSVOA_N
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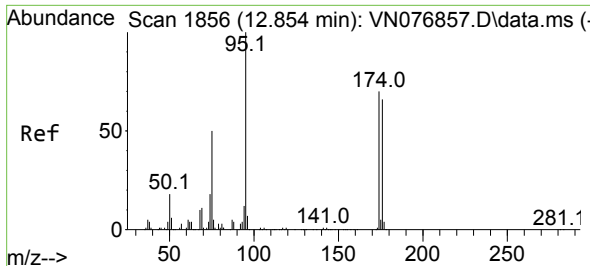
Tgt Ion: 98 Resp: 696924
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
58 203.0 37.4 56.0#

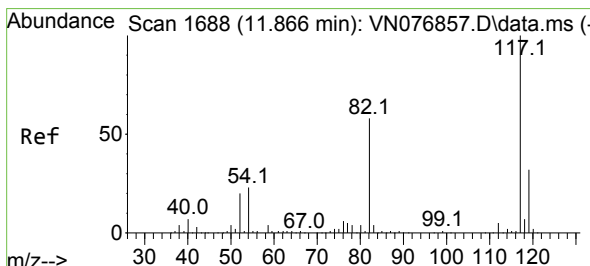
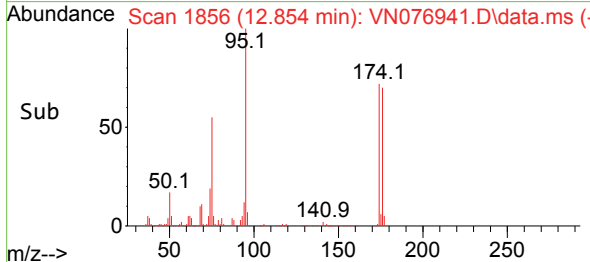
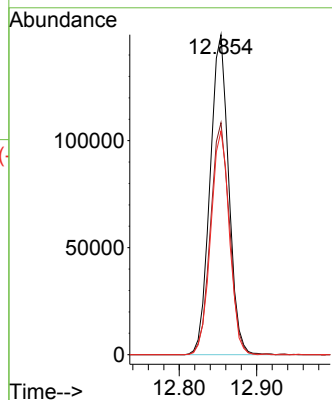
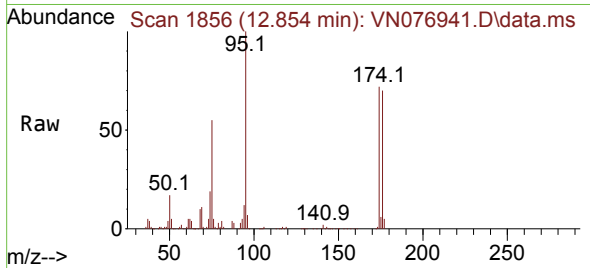




#62
4-Bromofluorobenzene
Concen: 47.052 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

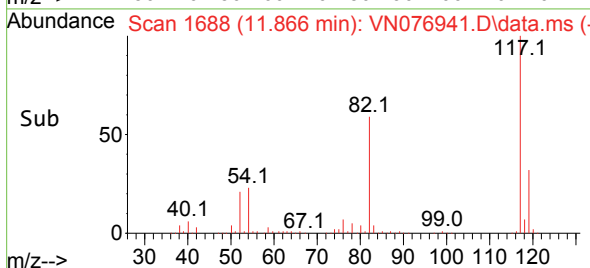
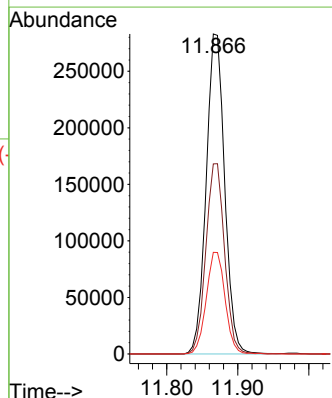
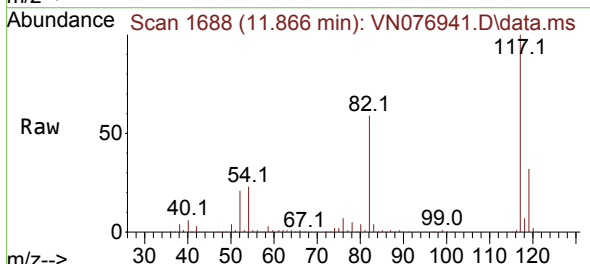
Instrument :
MSVOA_N
ClientSampleId :
UPS-01

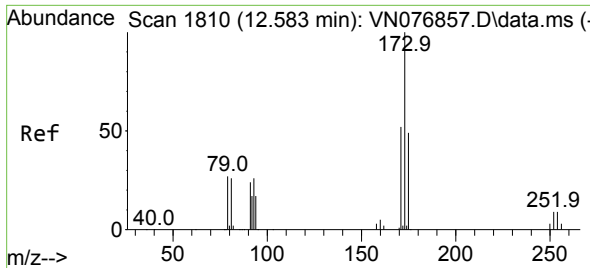
Tgt Ion: 95 Resp: 250178
Ion Ratio Lower Upper
95 100
174 73.9 0.0 162.4
176 69.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion: 117 Resp: 513028
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 31.7 25.5 38.3

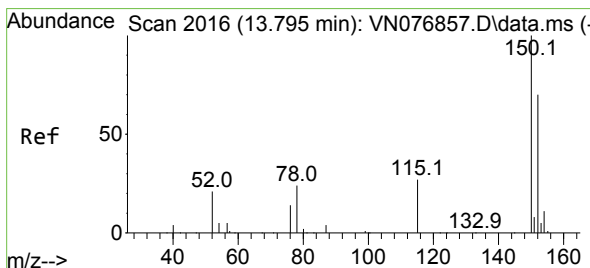
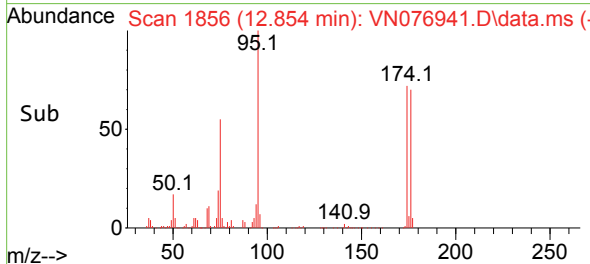
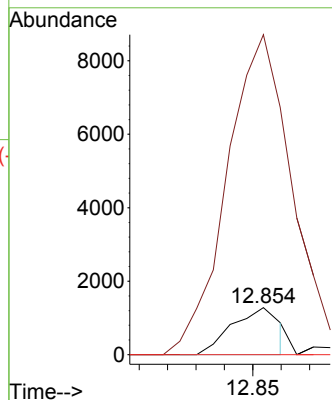
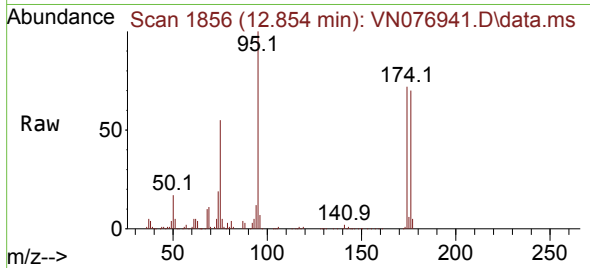




#71
Bromoform
Concen: 0.462 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.270 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

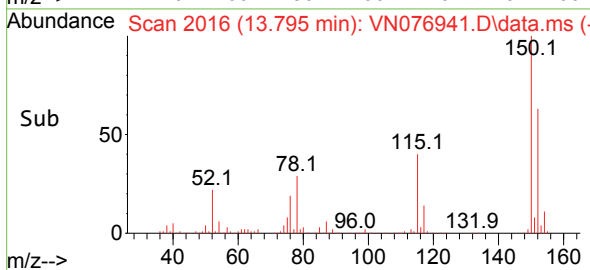
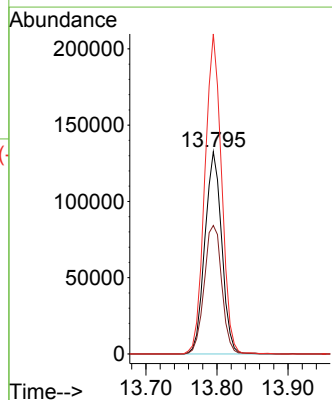
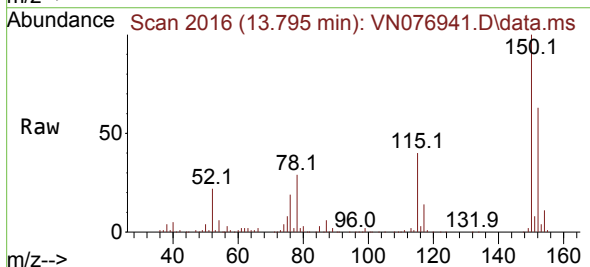
Instrument :
MSVOA_N
ClientSampleId :
UPS-01

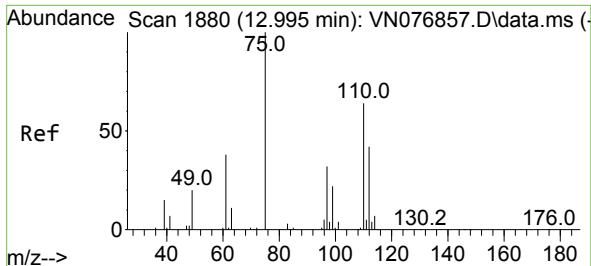
Tgt Ion:173 Resp: 1501
Ion Ratio Lower Upper
173 100
175 768.4 24.9 74.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion:152 Resp: 218663
Ion Ratio Lower Upper
152 100
115 66.3 30.3 90.9
150 157.0 0.0 353.6

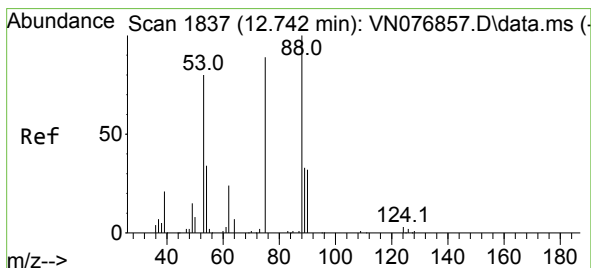
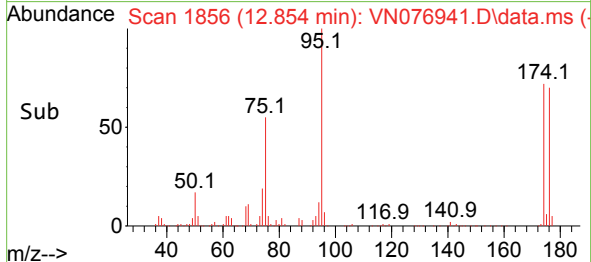
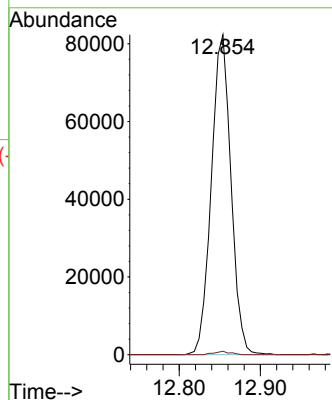
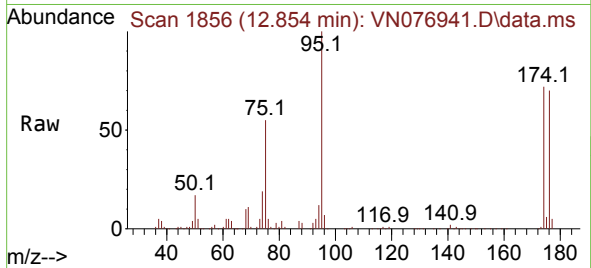




#76
1,2,3-Trichloropropane
Concen: 26.105 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Instrument :
MSVOA_N
ClientSampleId :
UPS-01

Tgt Ion: 75 Resp: 138389
Ion Ratio Lower Upper
75 100
77 0.9 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.270 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076941.D
Acq: 10 Mar 2023 22:03

Tgt Ion: 75 Resp: 138389
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.0#
89 0.0 39.5 59.3#

