

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076643.D
 Acq On : 13 Feb 2023 21:32
 Operator : JC\MD
 Sample : 01532-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023

Quant Time: Feb 14 05:28:25 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)

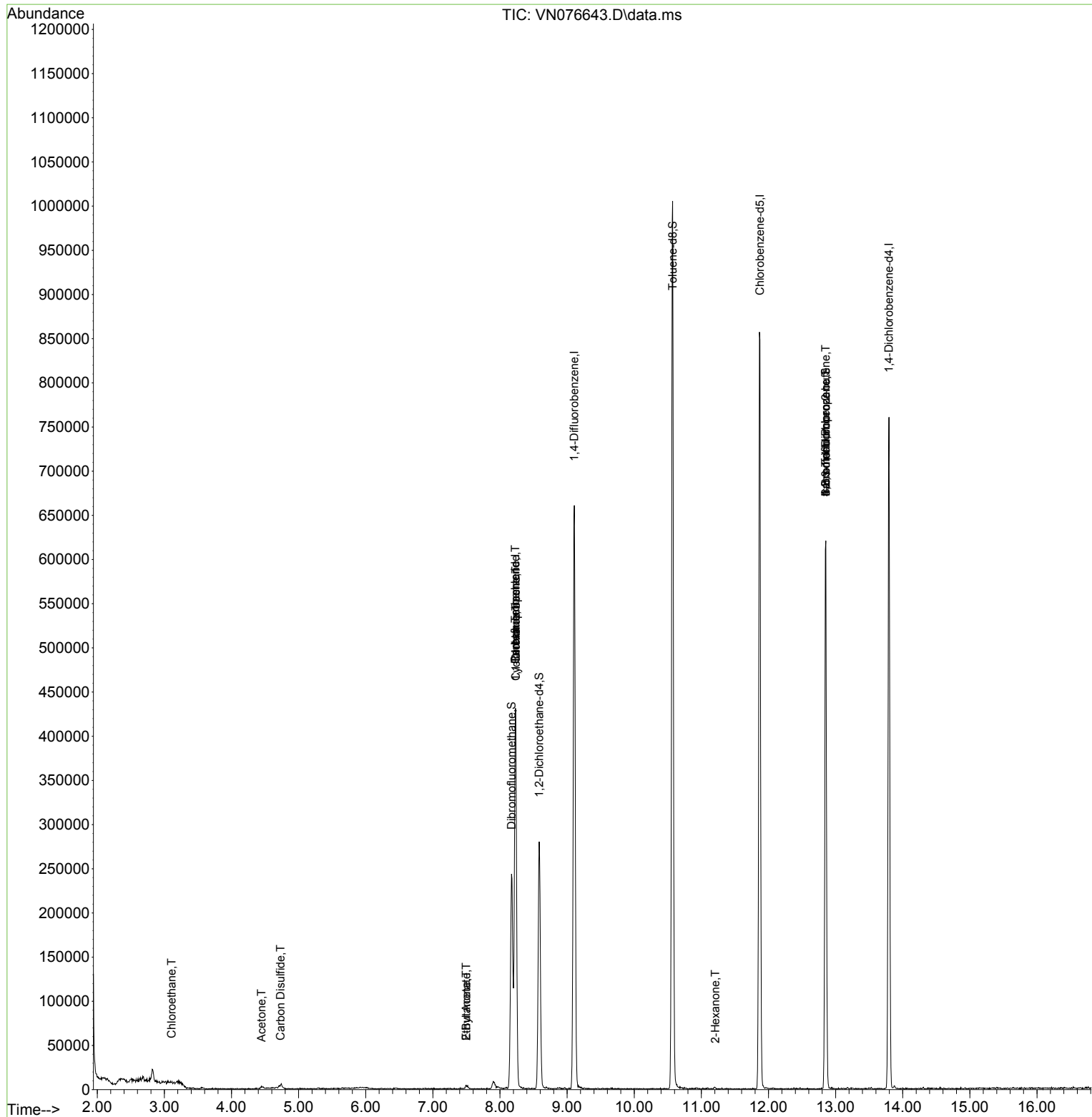
Internal Standards						
1) Pentafluorobenzene	8.231	168	309342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	563030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	489706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	190005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	218980	51.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.520%	
35) Dibromofluoromethane	8.172	113	170356	46.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.400%	
50) Toluene-d8	10.572	98	685230	49.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.854	95	202047	44.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.600%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.107	64	1158	0.434	ug/l #	78
16) Acetone	4.449	43	3098	1.624	ug/l #	47
17) Carbon Disulfide	4.731	76	4573	0.542	ug/l #	73
25) 2-Butanone	7.495	43	6530	2.320	ug/l #	83
31) Cyclohexane	8.237	56	7673	1.145	ug/l #	18
36) 1,1-Dichloropropene	8.237	75	27788	5.216	ug/l #	43
37) Ethyl Acetate	7.495	43	6530	1.165	ug/l #	72
38) Carbon Tetrachloride	8.231	117	33475	6.229	ug/l #	16
59) 2-Hexanone	11.207	43	1799	0.430	ug/l #	63
71) Bromoform	12.854	173	2822	1.021	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	114528	29.814	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	114528	86.836	ug/l #	4

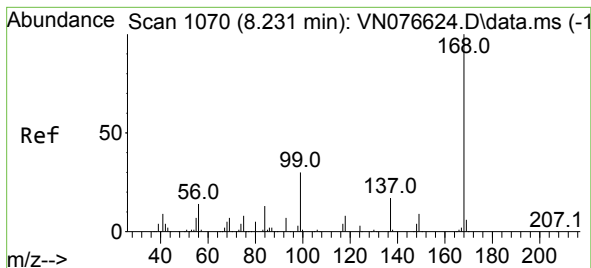
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN076643.D

Acq: 13 Feb 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

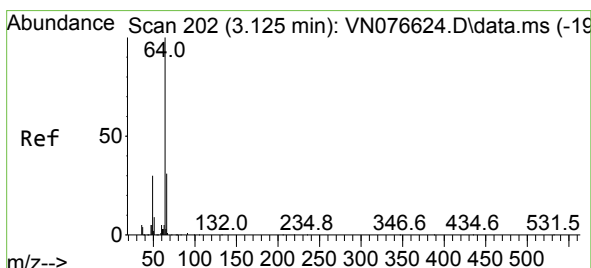
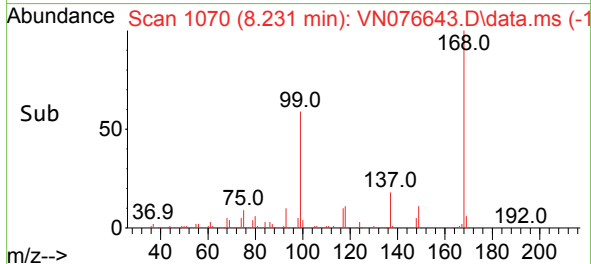
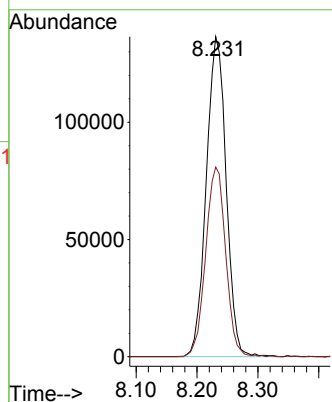
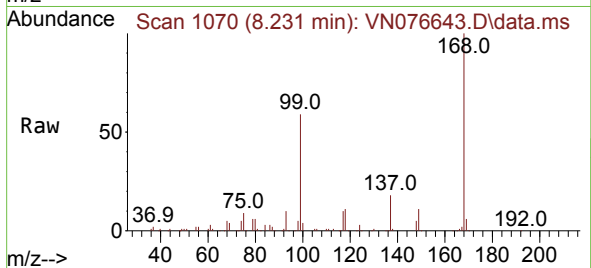
OWBR-02-160-180-021023

Tgt Ion:168 Resp: 309342

Ion Ratio Lower Upper

168 100

99 59.2 44.8 67.2



#6

Chloroethane

Concen: 0.434 ug/l

RT: 3.107 min Scan# 199

Delta R.T. -0.018 min

Lab File: VN076643.D

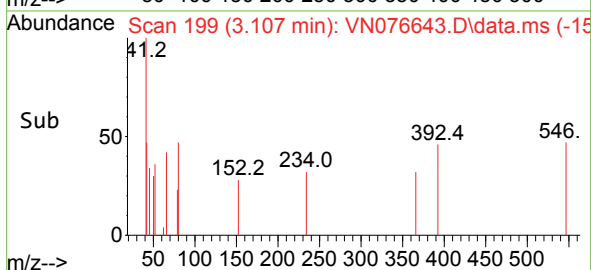
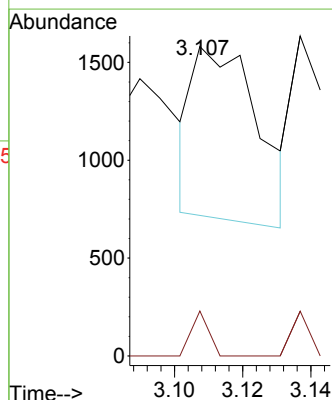
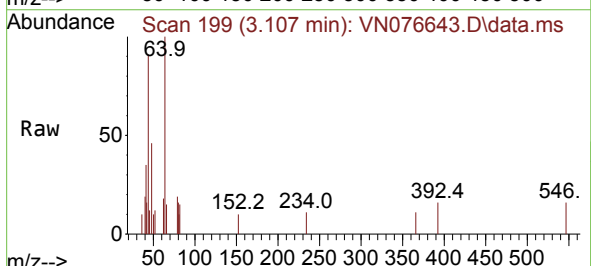
Acq: 13 Feb 2023 21:32

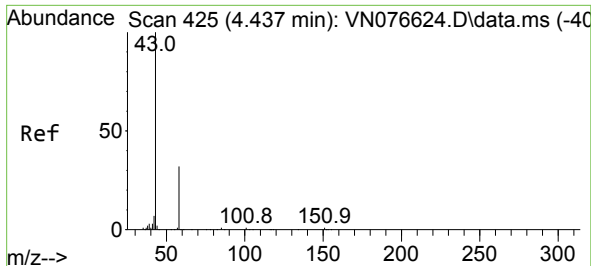
Tgt Ion: 64 Resp: 1158

Ion Ratio Lower Upper

64 100

66 43.1 24.6 37.0#

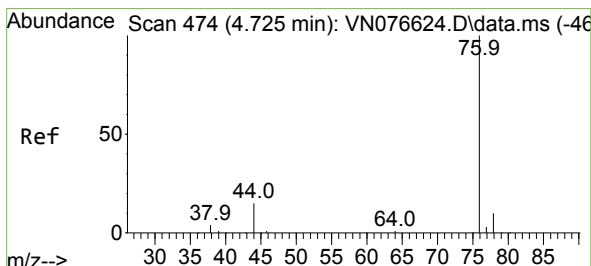
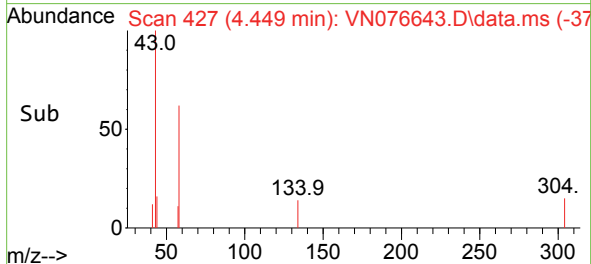
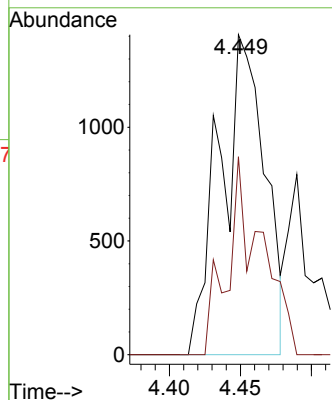
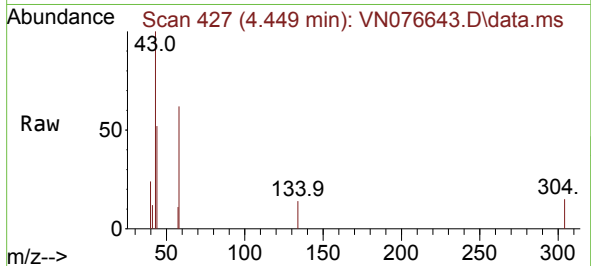




#16
Acetone
Concen: 1.624 ug/l
RT: 4.449 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

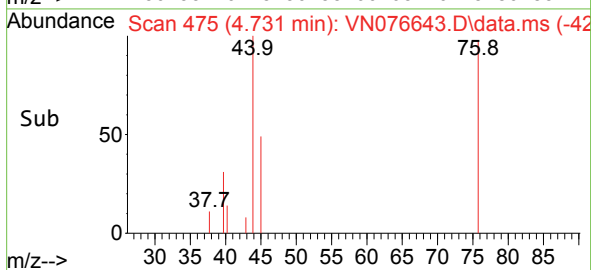
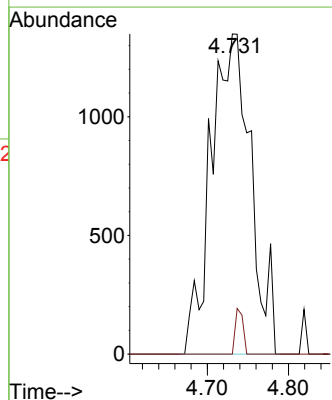
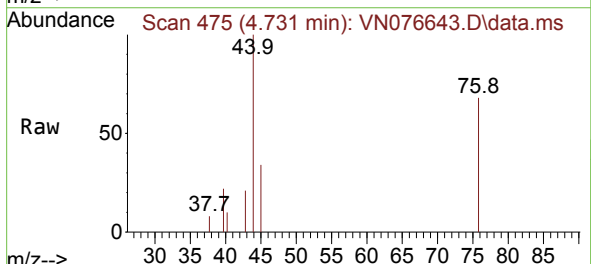
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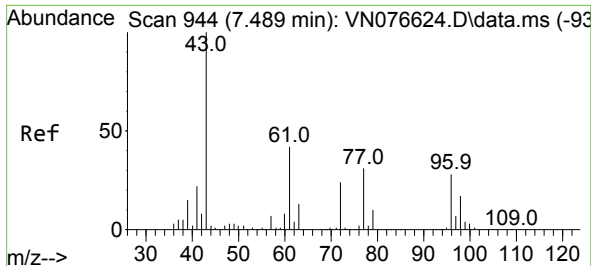
Tgt Ion: 43 Resp: 3098
Ion Ratio Lower Upper
43 100
58 61.8 25.9 38.9#



#17
Carbon Disulfide
Concen: 0.542 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 76 Resp: 4573
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#

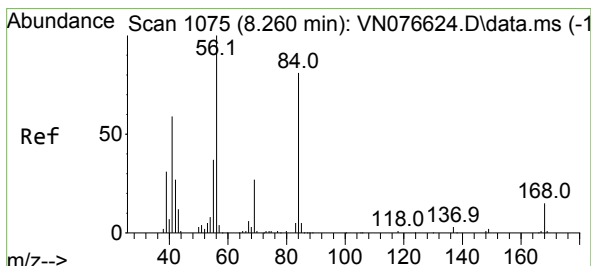
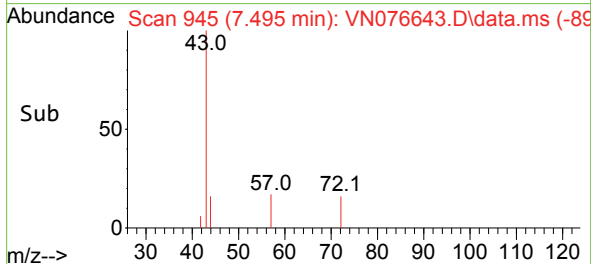
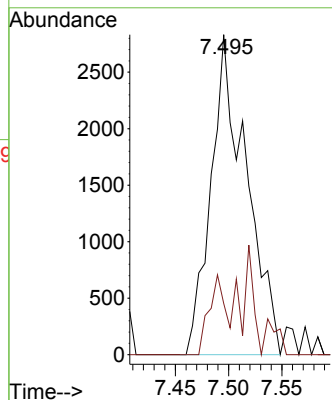
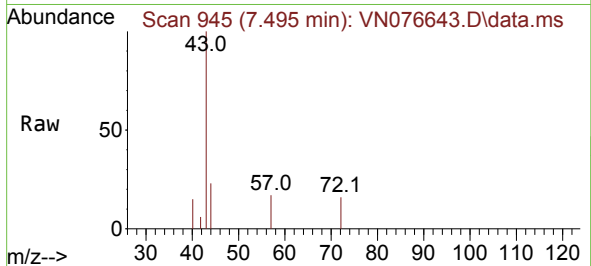




#25
2-Butanone
Concen: 2.320 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

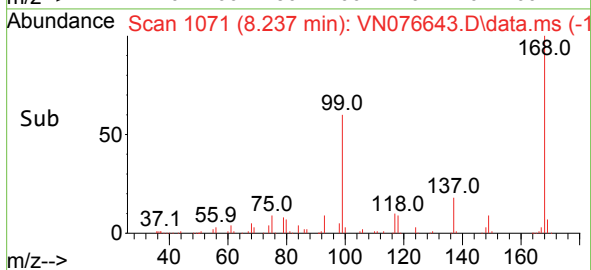
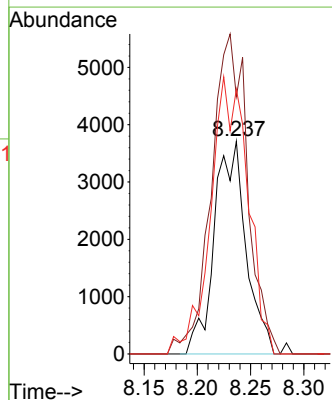
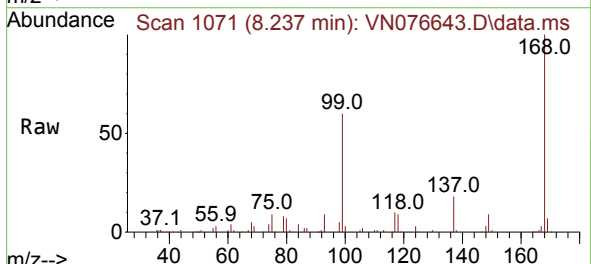
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023

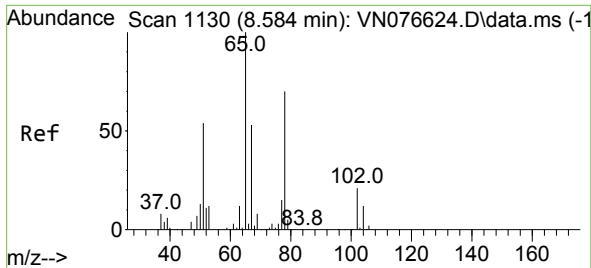
Tgt Ion: 43 Resp: 6530
Ion Ratio Lower Upper
43 100
72 16.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 56 Resp: 7673
Ion Ratio Lower Upper
56 100
69 121.1 21.6 32.4#
84 124.5 65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

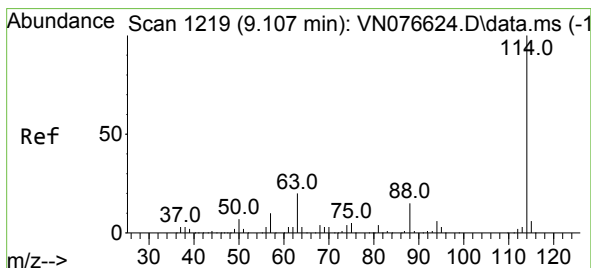
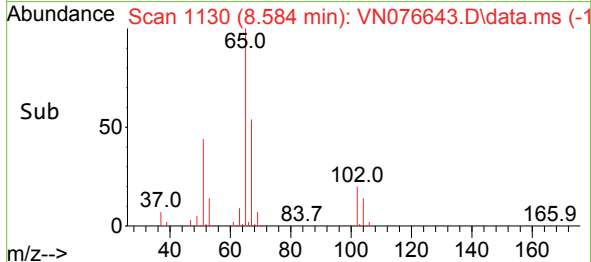
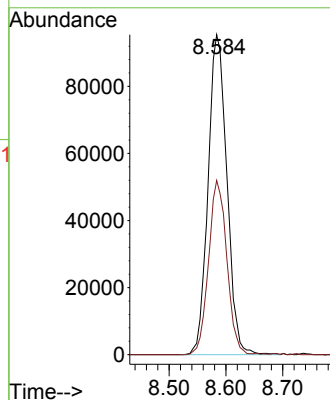
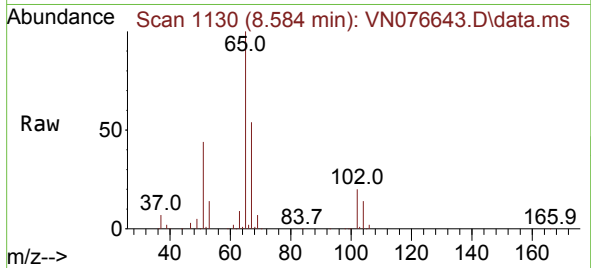
OWBR-02-160-180-021023

Tgt Ion: 65 Resp: 218980

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

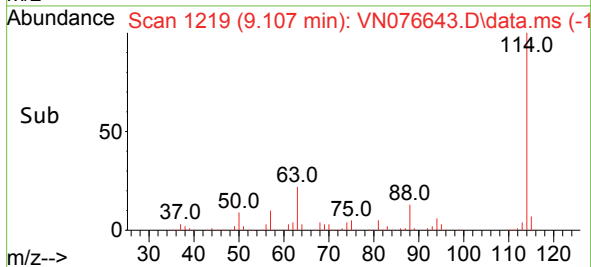
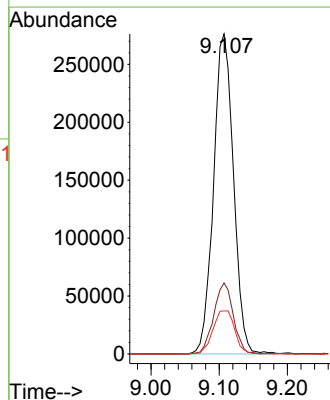
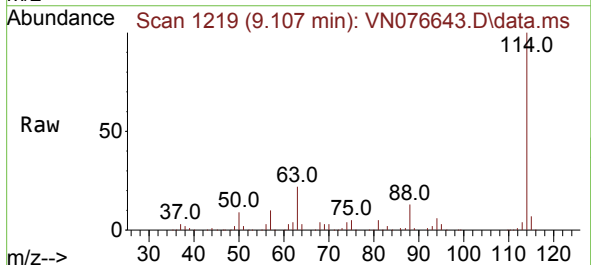
Tgt Ion: 114 Resp: 563030

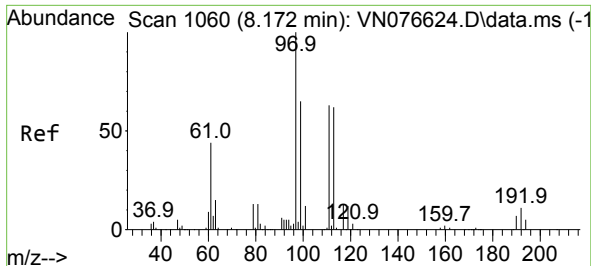
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 13.4 0.0 29.6

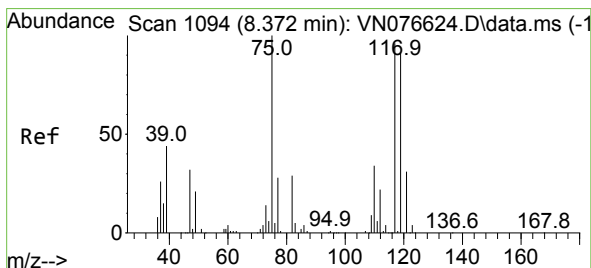
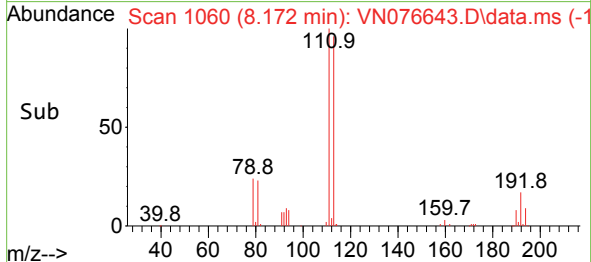
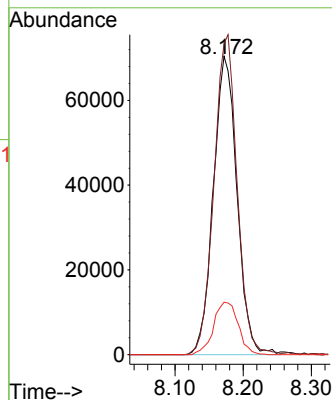
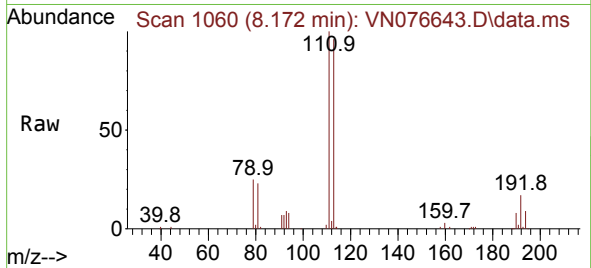




#35
Dibromofluoromethane
Concen: 46.202 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

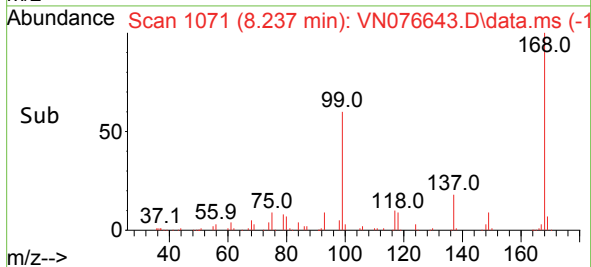
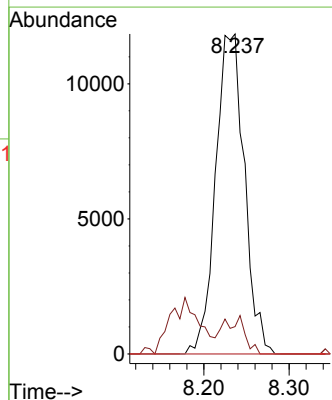
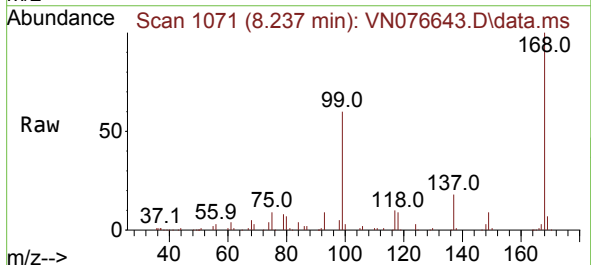
Instrument :
MSVOA_N
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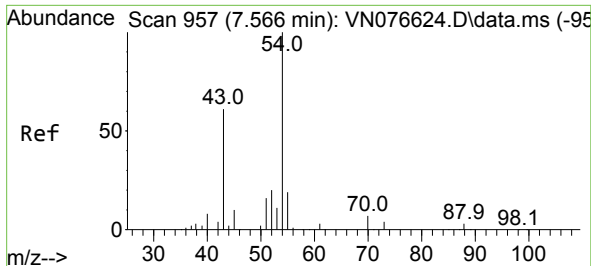
Tgt Ion:113 Resp: 170356
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 18.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. -0.135 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 75 Resp: 27788
Ion Ratio Lower Upper
75 100
110 1.7 17.5 52.5#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 1.165 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.071 min

Lab File: VN076643.D

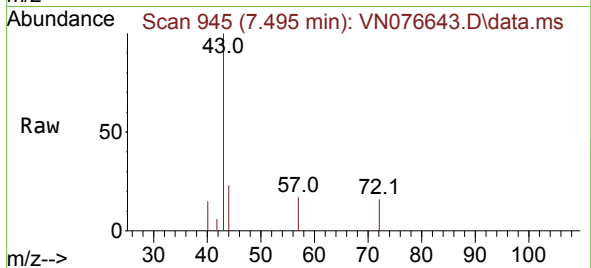
Acq: 13 Feb 2023 21:32

Instrument :

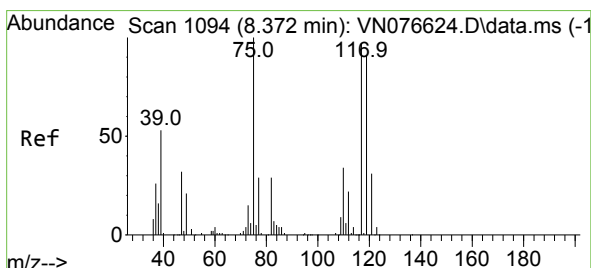
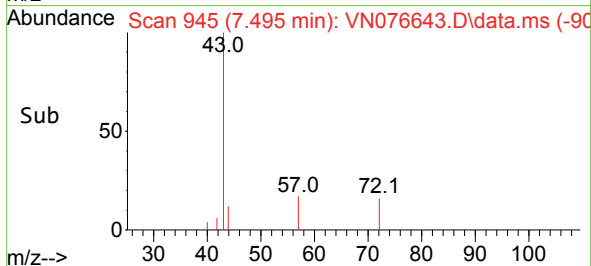
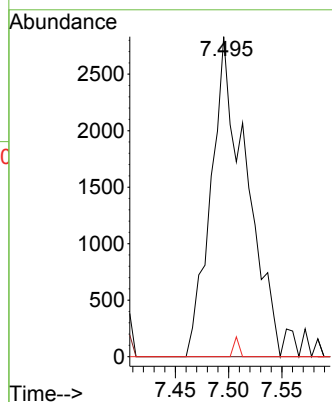
MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023



Tgt Ion: 43	Resp: 6530
Ion Ratio	Lower Upper
43	100
61	0.0 9.9 14.9#
70	0.9 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 6.229 ug/l

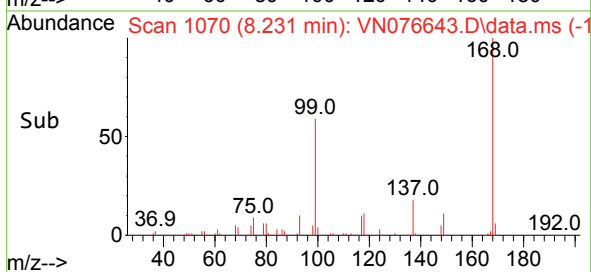
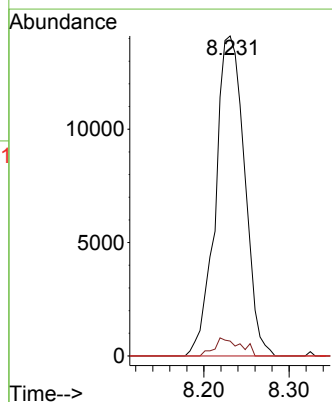
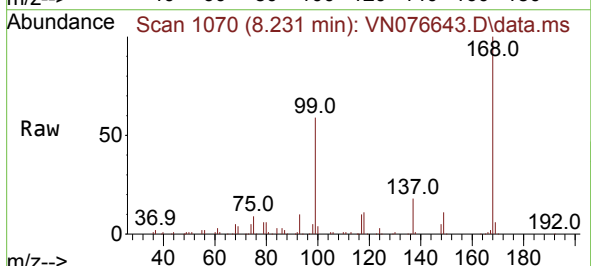
RT: 8.231 min Scan# 1070

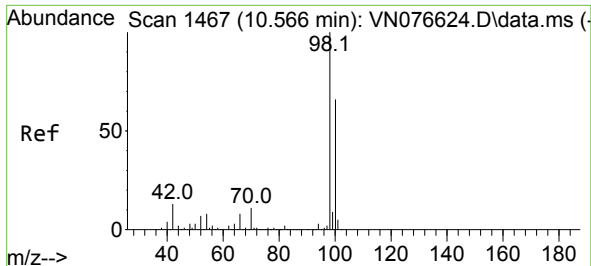
Delta R.T. -0.141 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

Tgt Ion: 117	Resp: 33475
Ion Ratio	Lower Upper
117	100
119	4.6 75.4 113.0#
121	0.0 26.0 39.0#

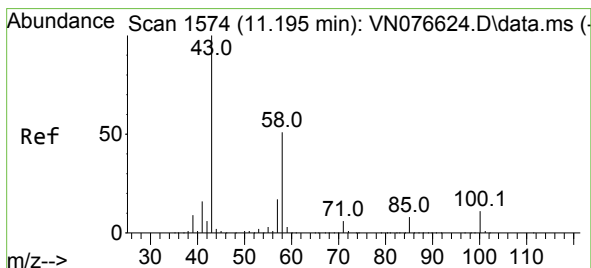
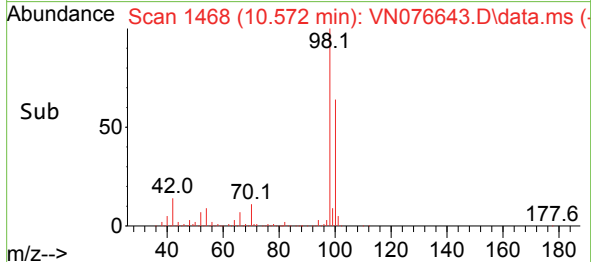
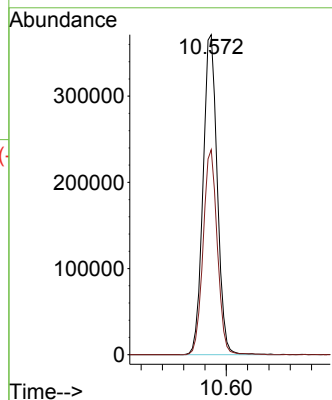
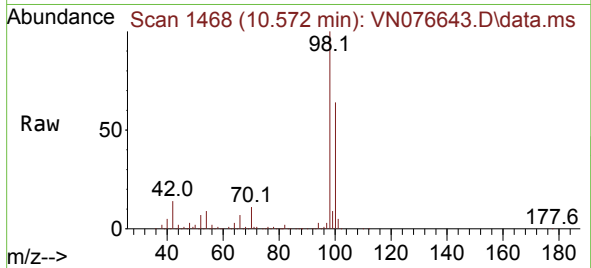




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

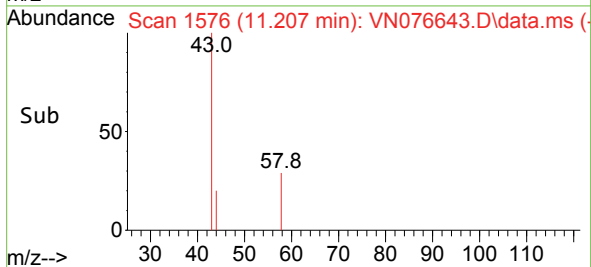
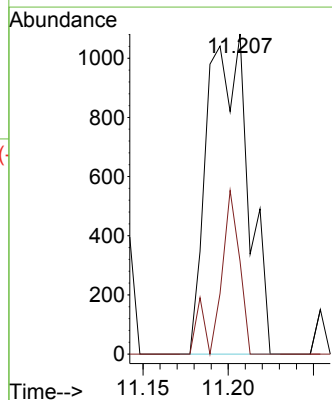
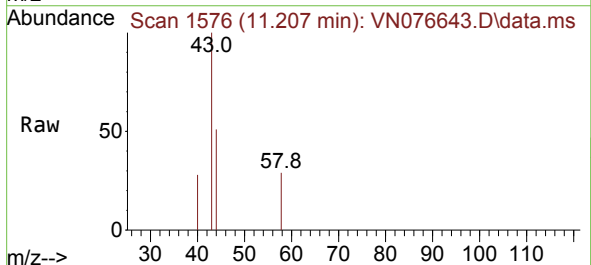
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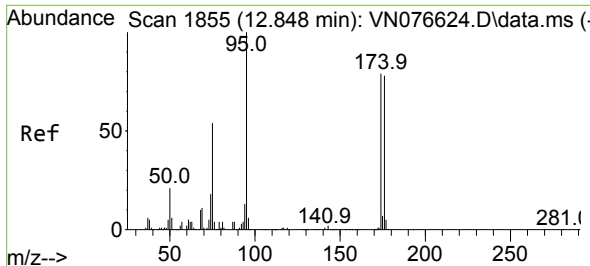
Tgt Ion: 98 Resp: 685230
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#59
2-Hexanone
Concen: 0.430 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 24.8 25.4 76.0#

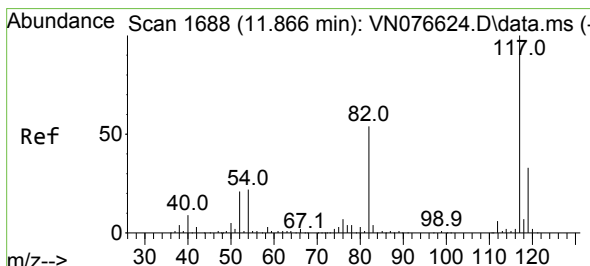
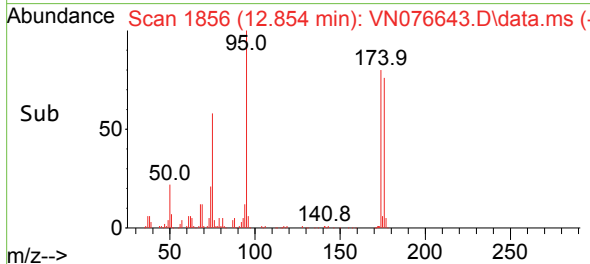
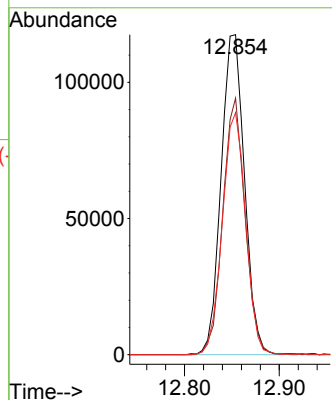
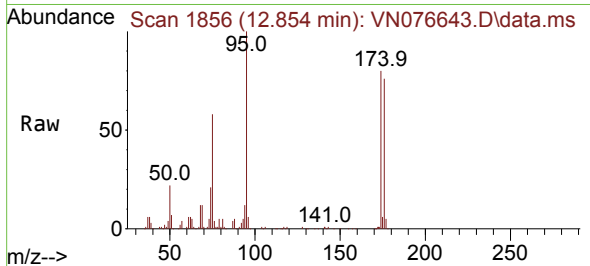




#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

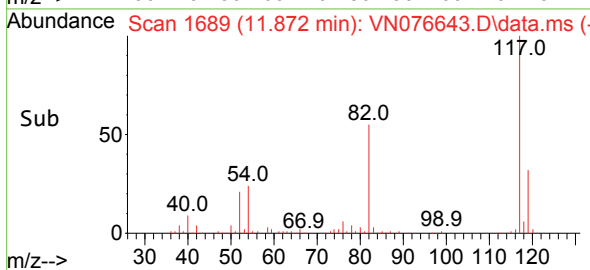
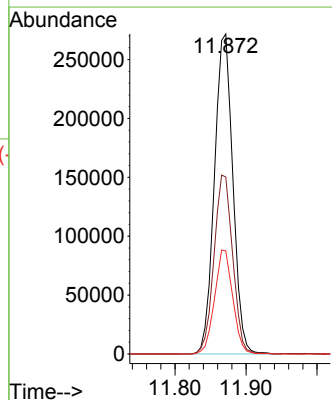
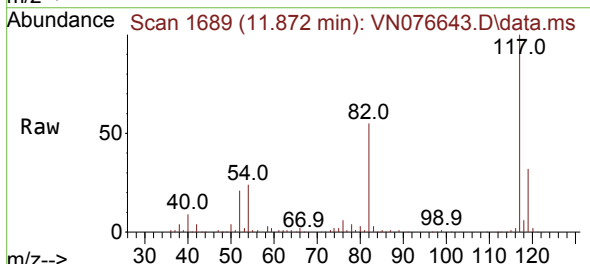
Instrument :
MSVOA_N
ClientSampleId :
OWBR-02-160-180-021023

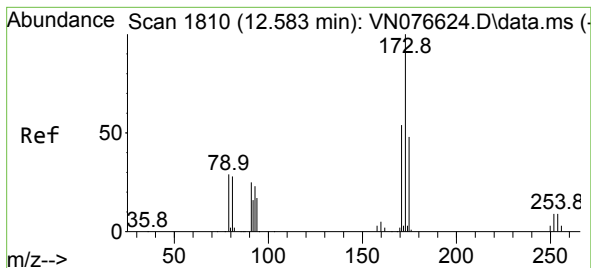
Tgt Ion: 95 Resp: 202047
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.2
176 75.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076643.D
Acq: 13 Feb 2023 21:32

Tgt Ion: 117 Resp: 489706
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.2 26.1 39.1





#71

Bromoform

Concen: 1.021 ug/l

RT: 12.854 min Scan# 1810

Delta R.T. 0.271 min

Lab File: VN076643.D

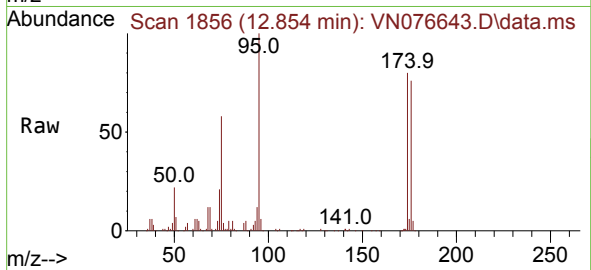
Acq: 13 Feb 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

OWBR-02-160-180-021023



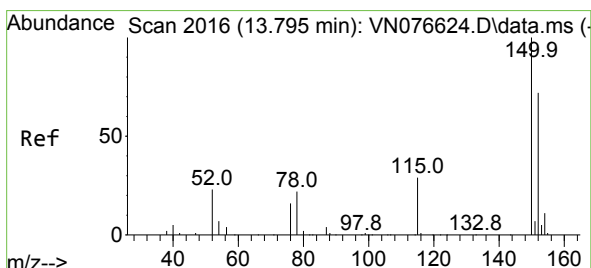
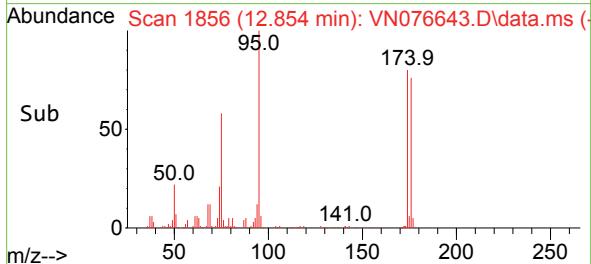
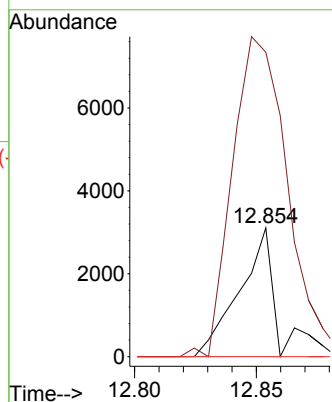
Tgt Ion:173 Resp: 2822

Ion Ratio Lower Upper

173 100

175 366.7 24.9 74.7#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

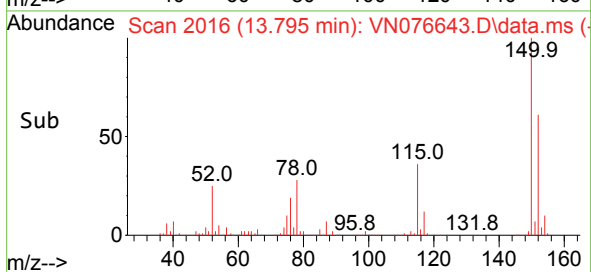
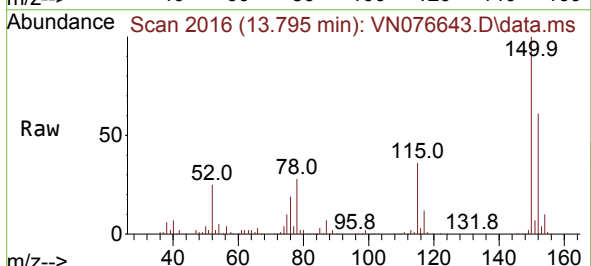
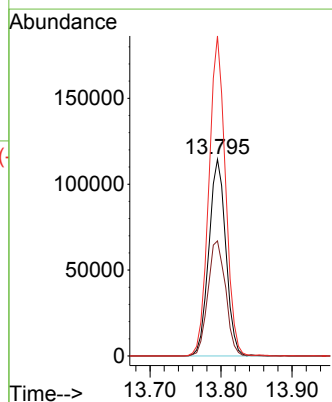
Tgt Ion:152 Resp: 190005

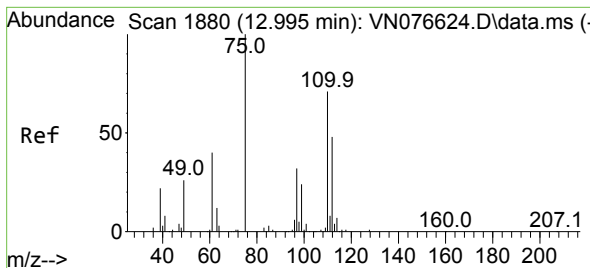
Ion Ratio Lower Upper

152 100

115 61.1 29.3 87.9

150 158.7 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 29.814 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

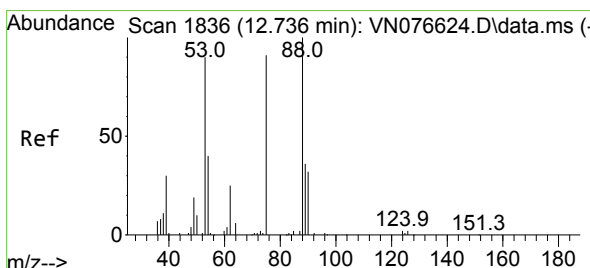
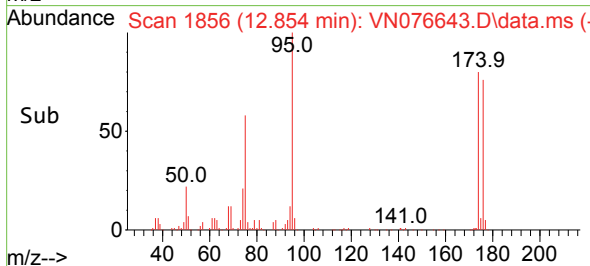
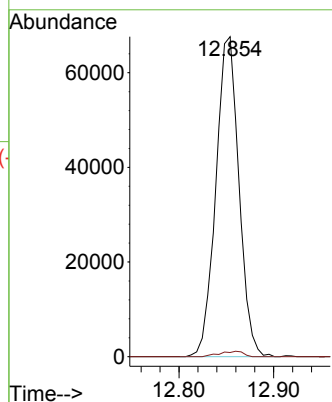
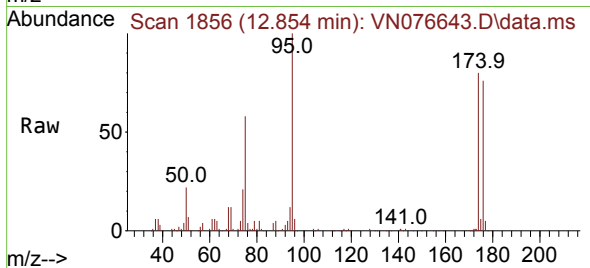
OWBR-02-160-180-021023

Tgt Ion: 75 Resp: 114528

Ion Ratio Lower Upper

75 100

77 1.7 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.836 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076643.D

Acq: 13 Feb 2023 21:32

Tgt Ion: 75 Resp: 114528

Ion Ratio Lower Upper

75 100

53 0.0 92.1 138.1#

89 0.2 37.5 56.3#

