

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076504.D
 Acq On : 02 Feb 2023 11:47
 Operator : JC\MD
 Sample : VN0202WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBL01

Quant Time: Feb 03 00:55:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

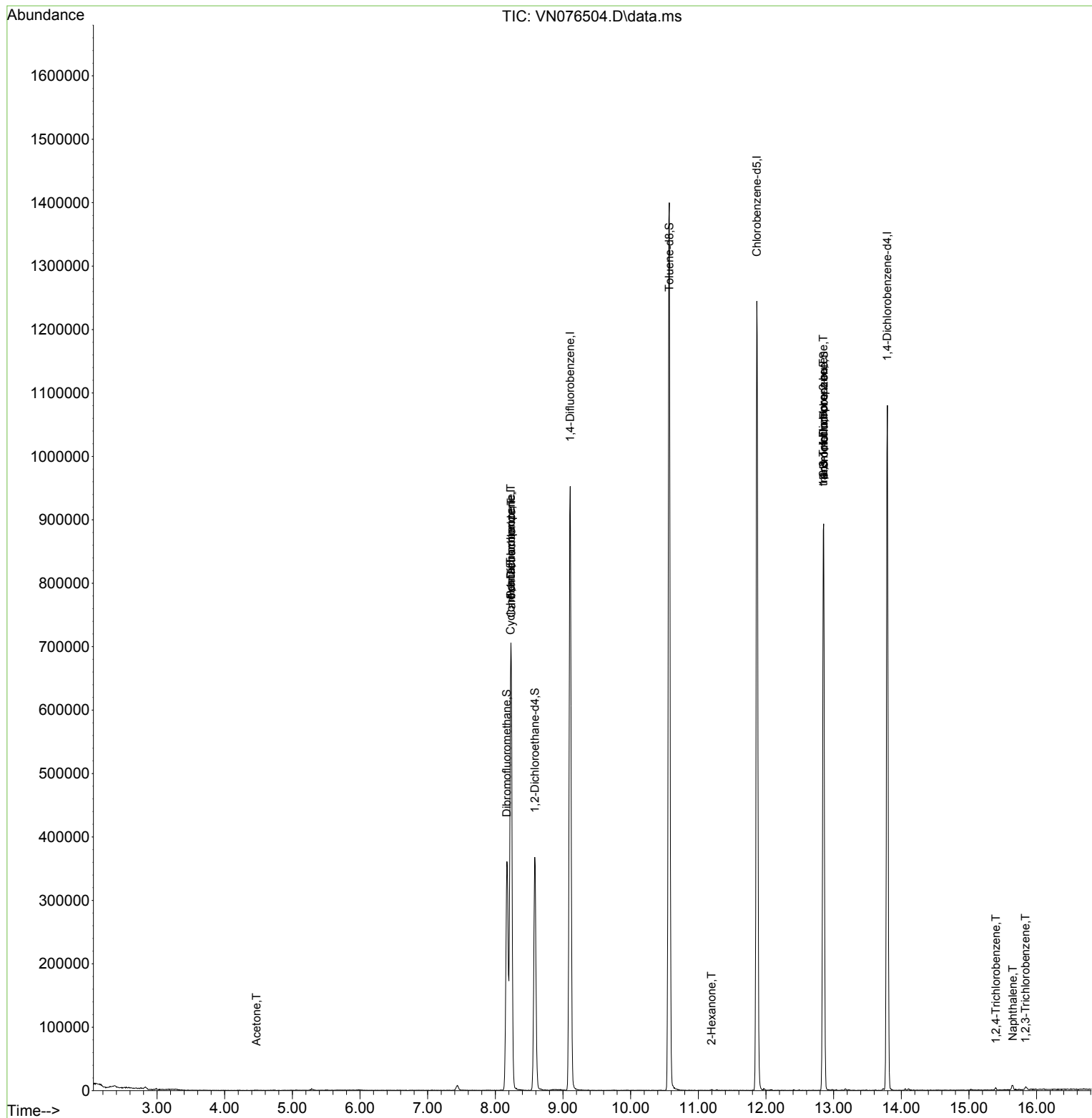
Internal Standards						
1) Pentafluorobenzene	8.230	168	537022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	872883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	756541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	300420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	310966	51.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.440%			
35) Dibromofluoromethane	8.171	113	264896	48.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.020%			
50) Toluene-d8	10.571	98	1004247	49.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.853	95	320578	48.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.400%			
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	687	0.283	ug/l #	41
20) Methylene Chloride	5.283	84	886	Below Cal	#	74
31) Cyclohexane	8.224	56	10685	1.157	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	40948	5.278	ug/l #	49
38) Carbon Tetrachloride	8.236	117	56151	6.490	ug/l #	16
59) 2-Hexanone	11.194	43	1102	0.256	ug/l	84
71) Bromoform	12.853	173	1614	0.376	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	168451	30.408	ug/l #	1
77) Bromobenzene	12.982	156	370	Below Cal		91
81) trans-1,4-Dichloro-2-b...	12.847	75	168451	93.294	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	1580	1.597	ug/l	88
95) Naphthalene	15.647	128	7741	2.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	1971	1.537	ug/l	90

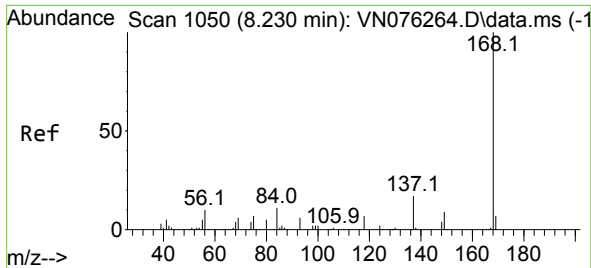
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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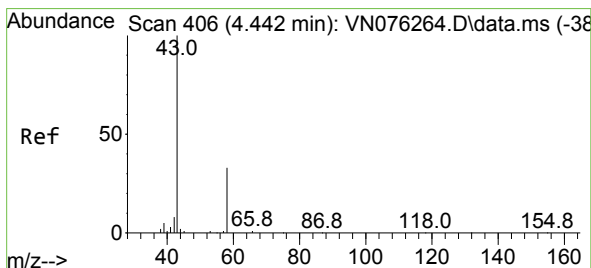
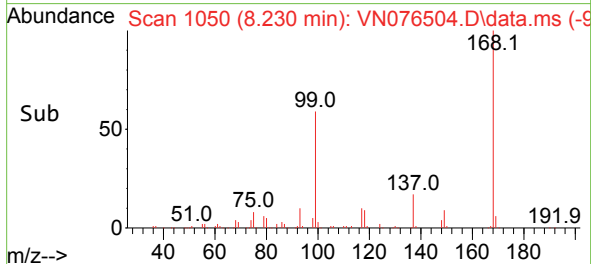
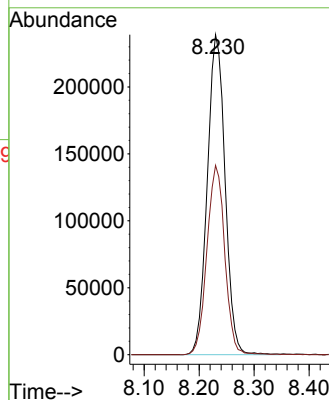
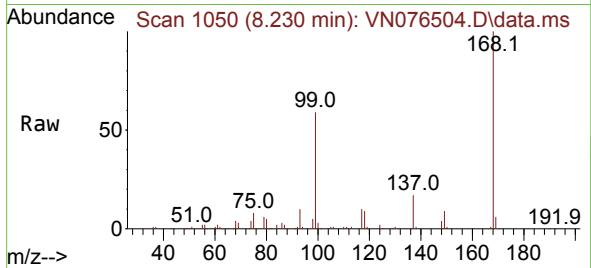




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

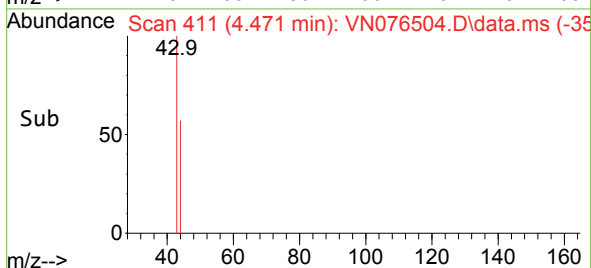
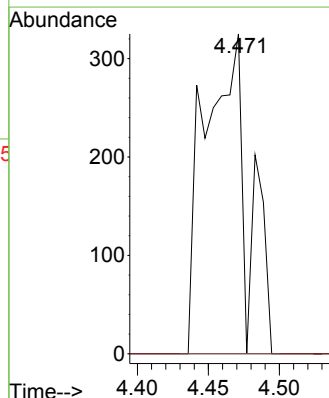
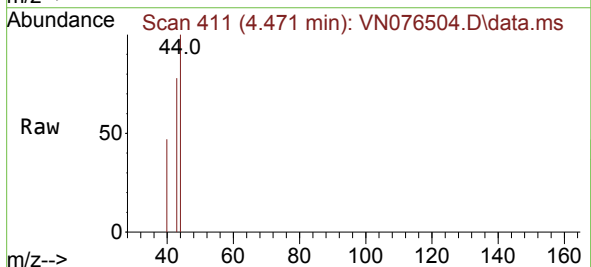
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

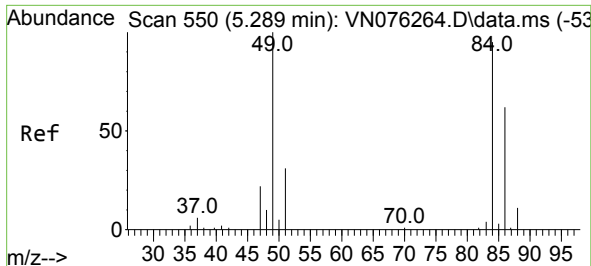
Tgt Ion:168 Resp: 537022
Ion Ratio Lower Upper
168 100
99 59.2 41.6 62.4



#16
Acetone
Concen: 0.283 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

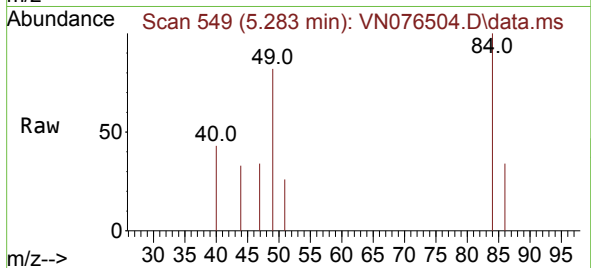
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



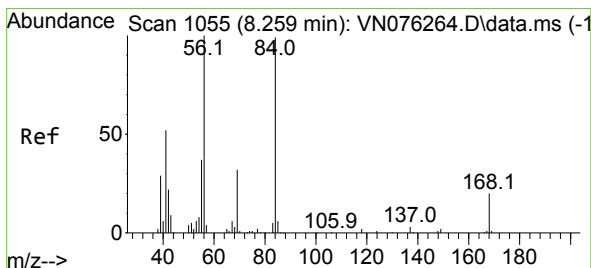
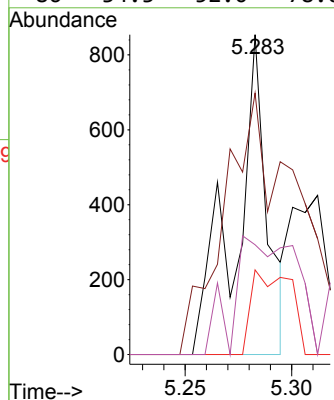


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

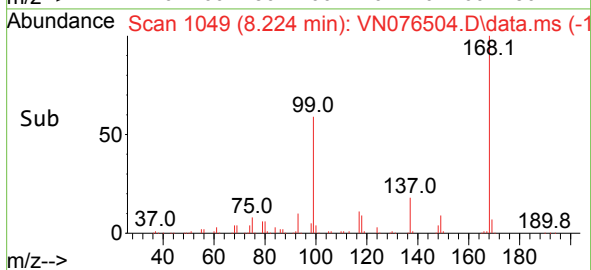
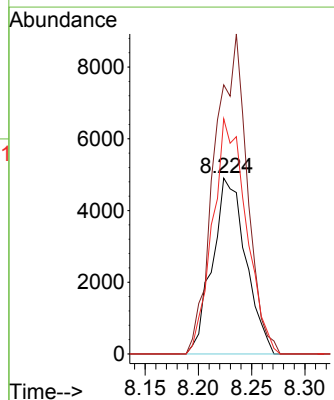
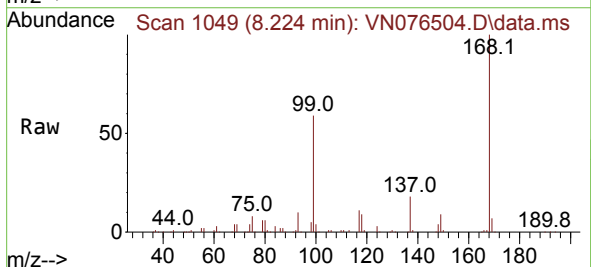


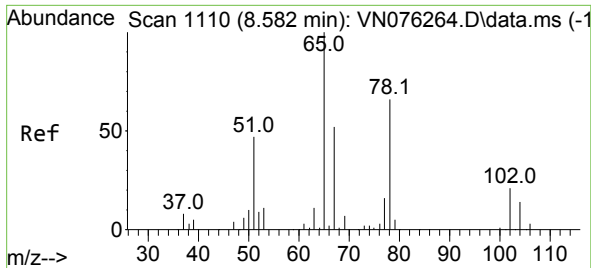
Tgt Ion: 84	Resp: 886
Ion Ratio	Lower Upper
84 100	
49 81.7	84.5 126.7#
51 26.5	26.0 39.0
86 34.3	52.0 78.0#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Tgt Ion: 56	Resp: 10685		
Ion Ratio	Lower	Upper	
56	100		
69	153.0	25.8	38.8#
84	133.7	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

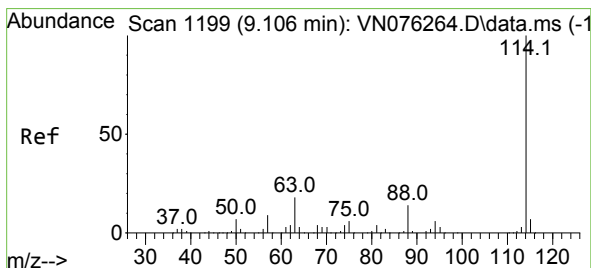
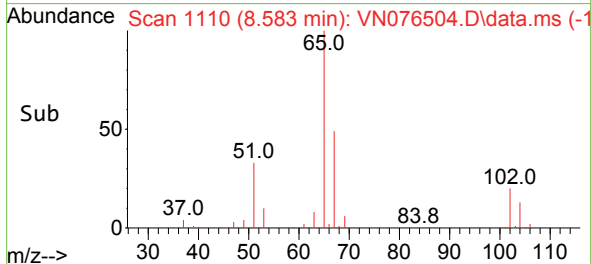
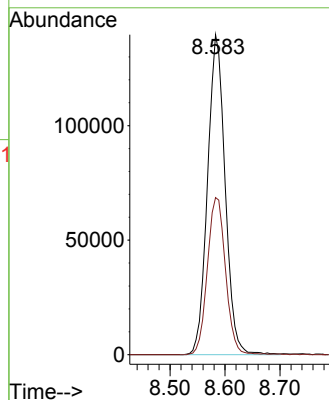
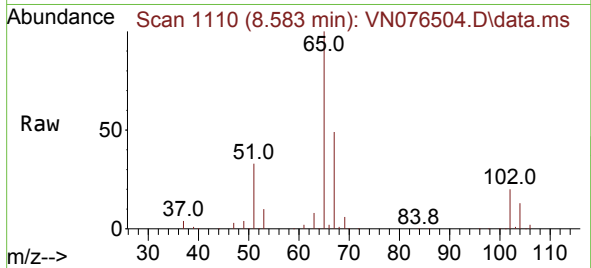
VN0202WBL01

Tgt Ion: 65 Resp: 310966

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

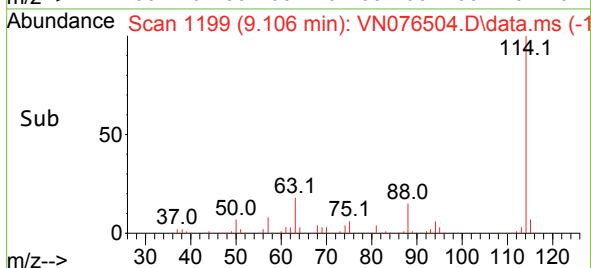
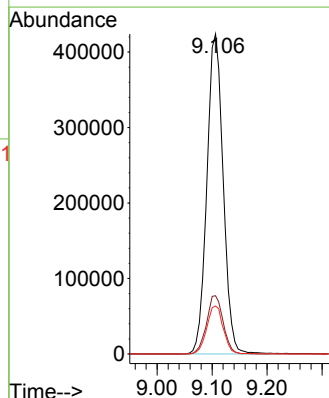
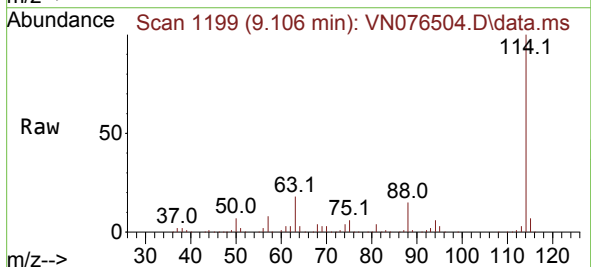
Tgt Ion: 114 Resp: 872883

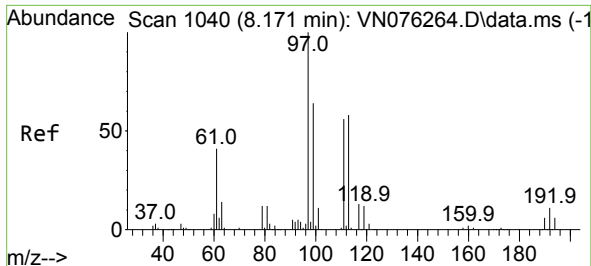
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

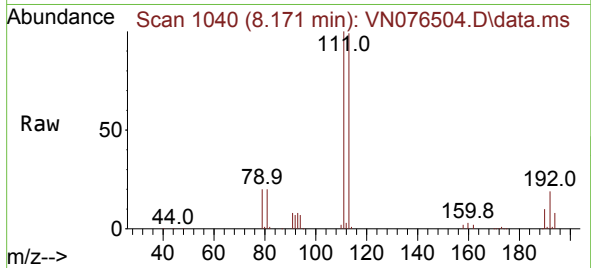
88 15.0 0.0 28.0



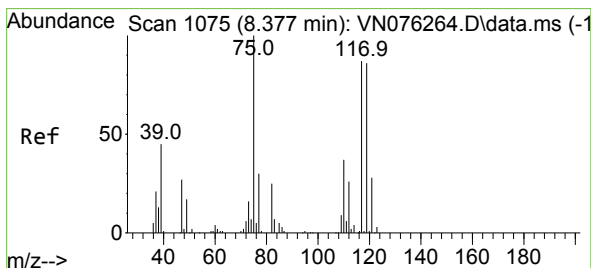
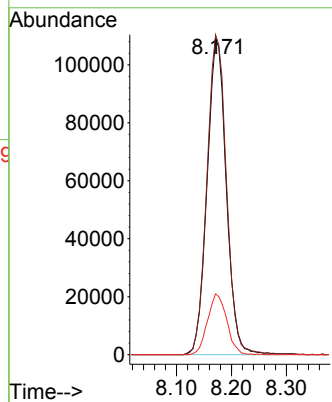
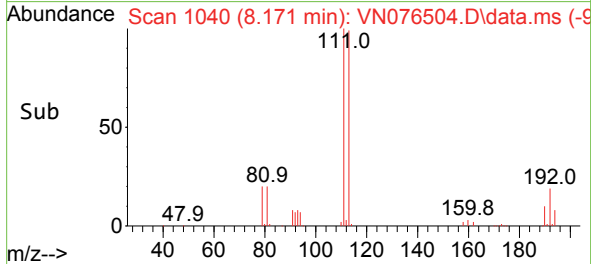


#35
Dibromofluoromethane
Concen: 48.514 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

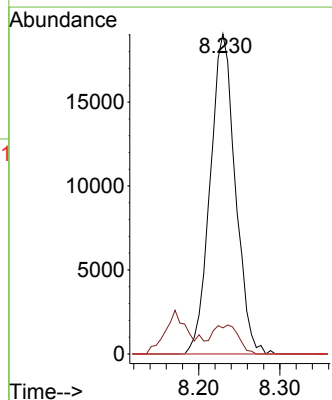
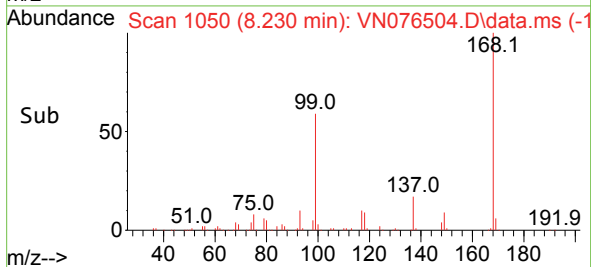
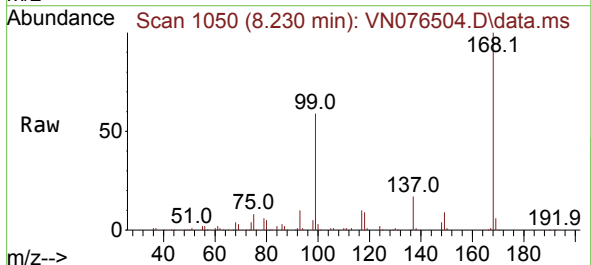


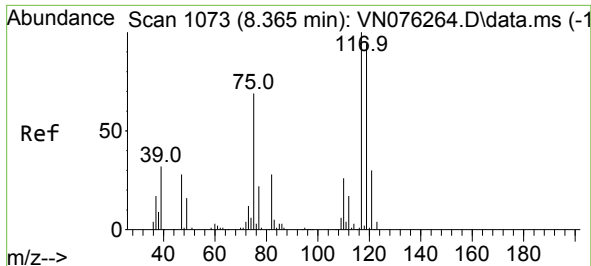
Tgt Ion:113 Resp: 264896
Ion Ratio Lower Upper
113 100
111 103.1 82.7 124.1
192 19.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Tgt Ion: 75 Resp: 40948
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.3#
77 0.0 25.0 37.4#

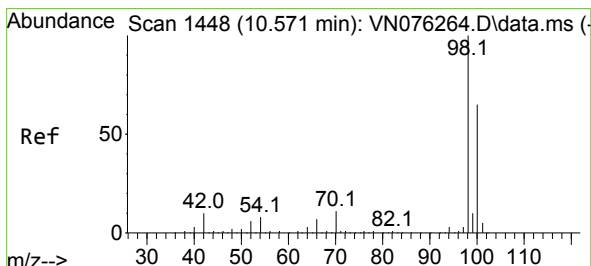
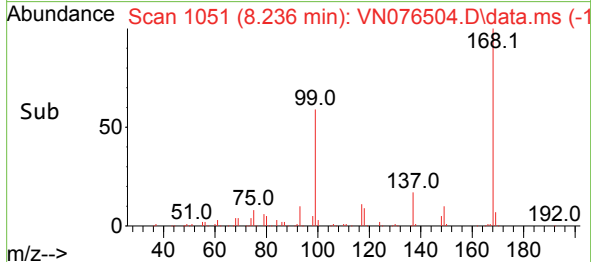
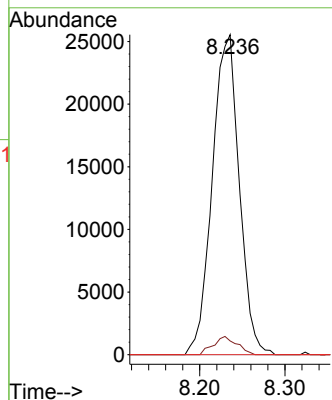
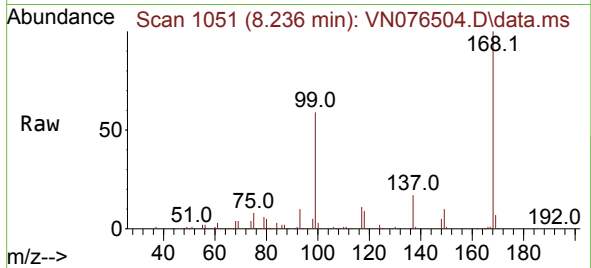




#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

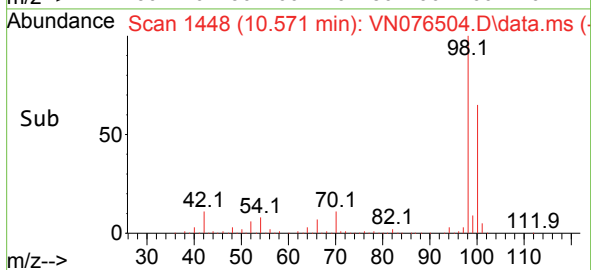
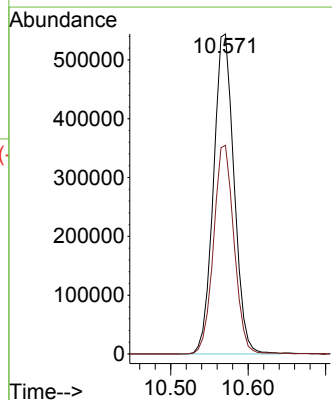
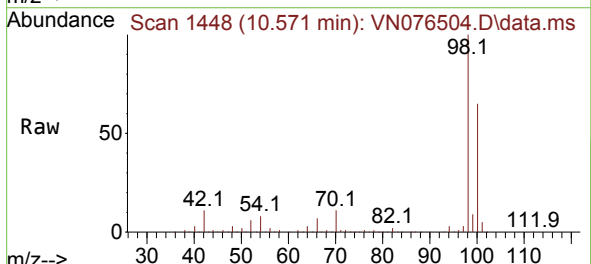
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

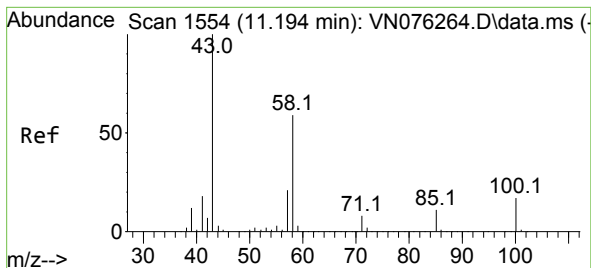
Tgt Ion:117 Resp: 56151
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.801 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Tgt Ion: 98 Resp: 1004247
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

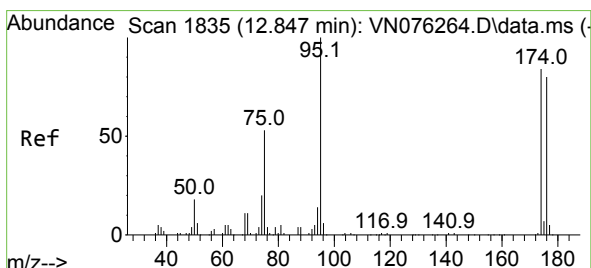
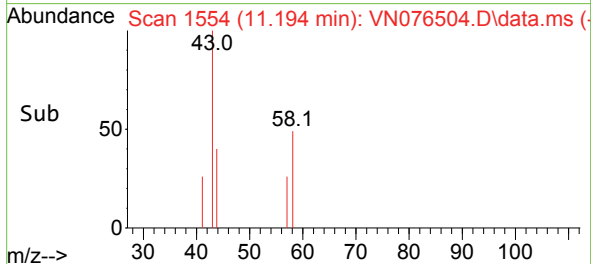
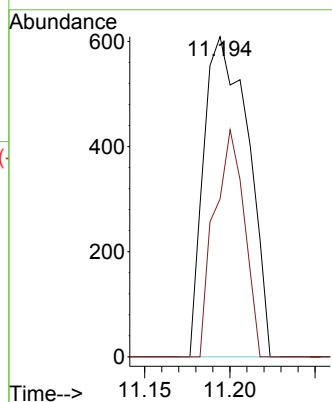
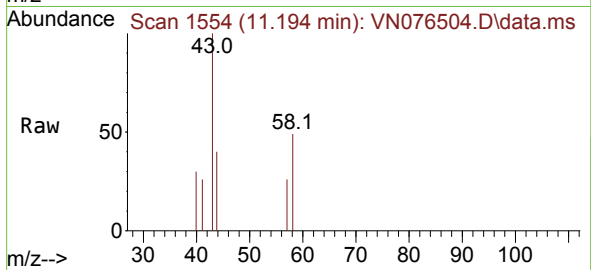




#59
2-Hexanone
Concen: 0.256 ug/l
RT: 11.194 min Scan# 11554
Delta R.T. 0.000 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

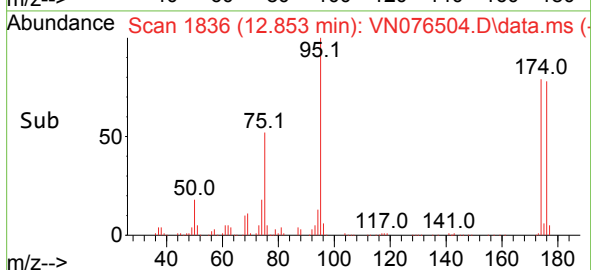
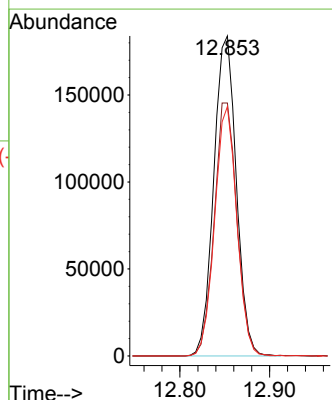
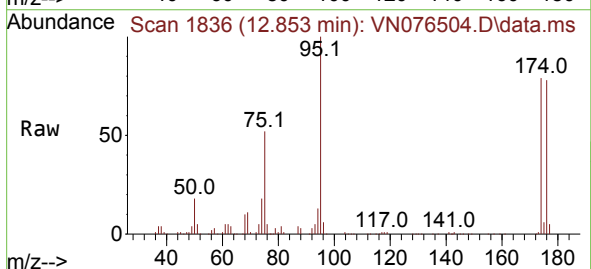
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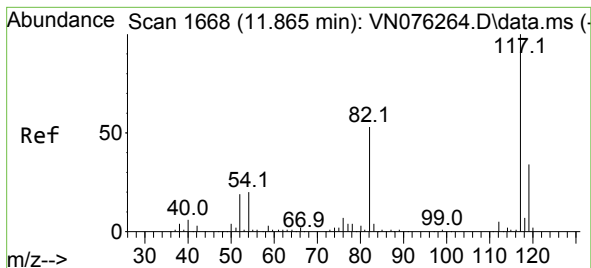
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 47.7 30.1 90.3



#62
4-Bromofluorobenzene
Concen: 48.698 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Tgt Ion: 95 Resp: 320578
Ion Ratio Lower Upper
95 100
174 79.9 0.0 174.6
176 76.6 0.0 167.8

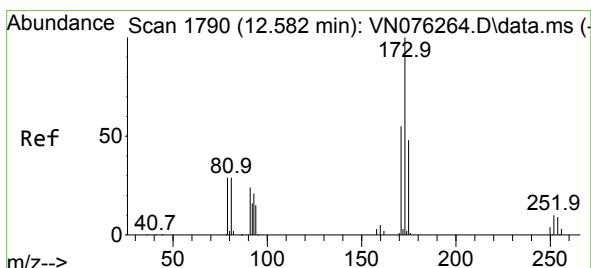
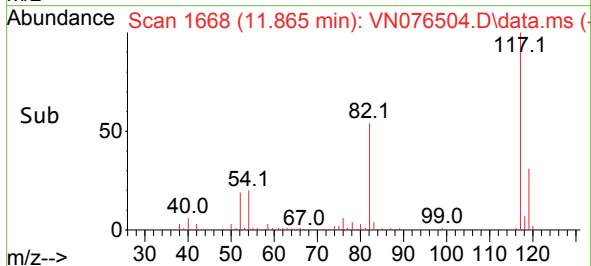
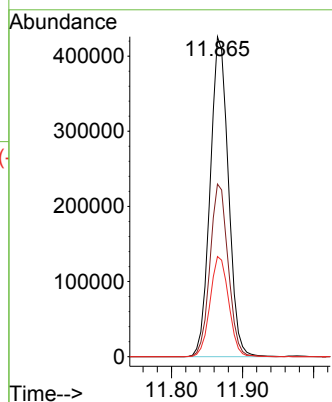
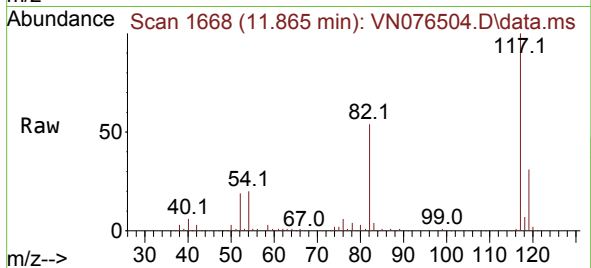




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

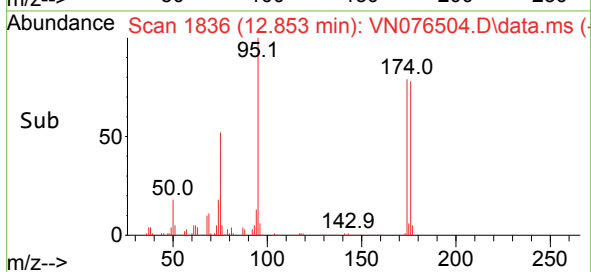
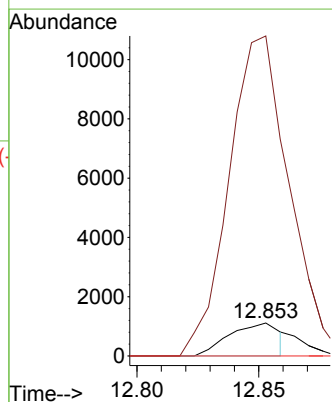
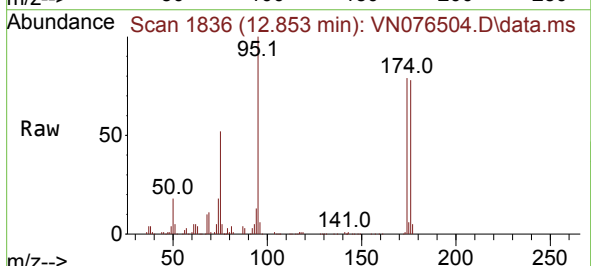
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

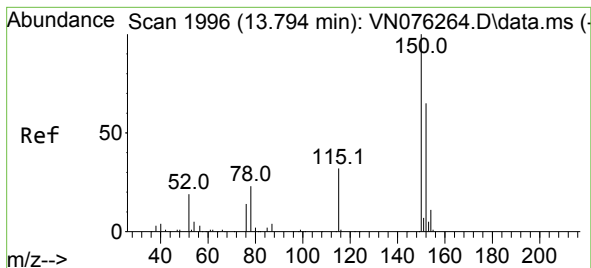
Tgt Ion:117 Resp: 756541
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 31.3 26.9 40.3



#71
Bromoform
Concen: 0.376 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076504.D
Acq: 02 Feb 2023 11:47

Tgt Ion:173 Resp: 1614
Ion Ratio Lower Upper
173 100
175 957.1 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

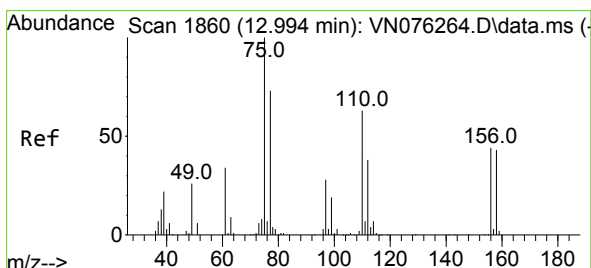
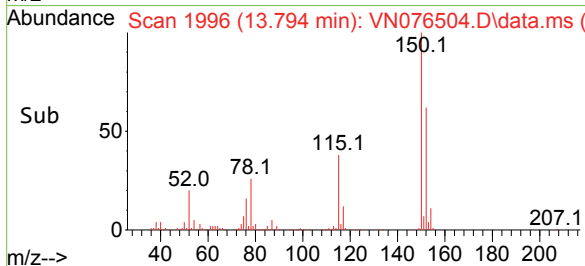
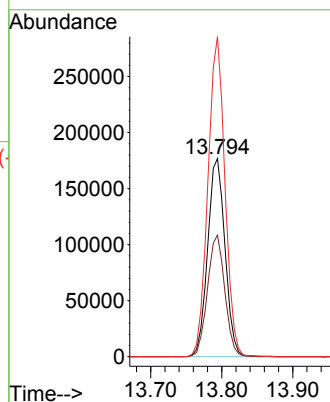
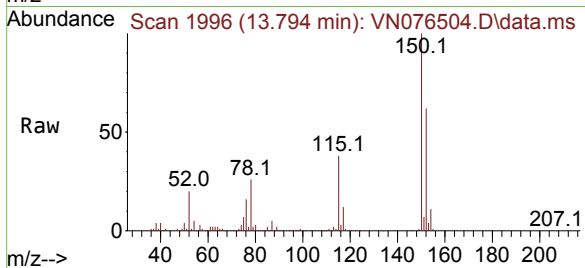
Tgt Ion:152 Resp: 300420

Ion Ratio Lower Upper

152 100

115 61.2 29.6 88.9

150 158.3 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 30.408 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN076504.D

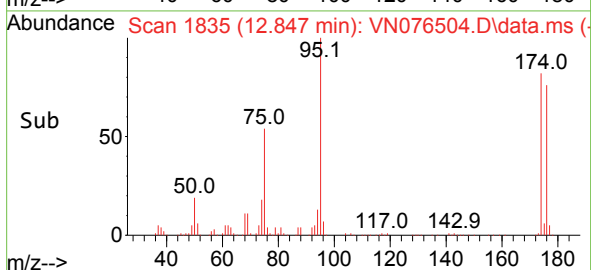
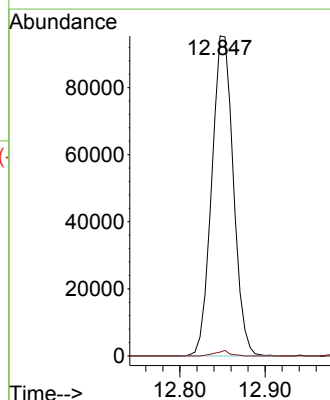
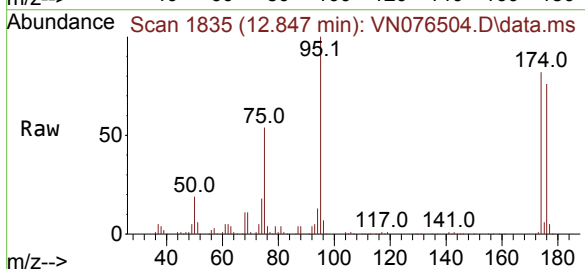
Acq: 02 Feb 2023 11:47

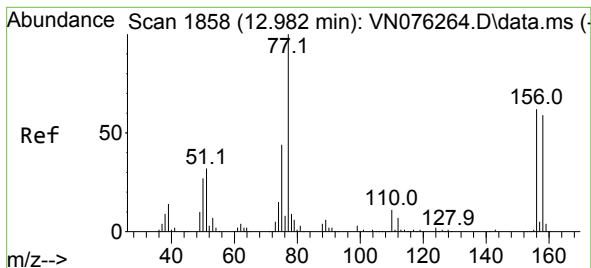
Tgt Ion: 75 Resp: 168451

Ion Ratio Lower Upper

75 100

77 1.2 75.2 225.6#





#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

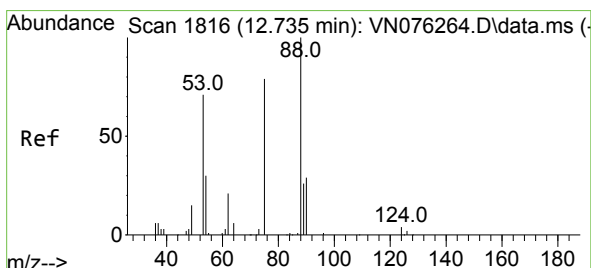
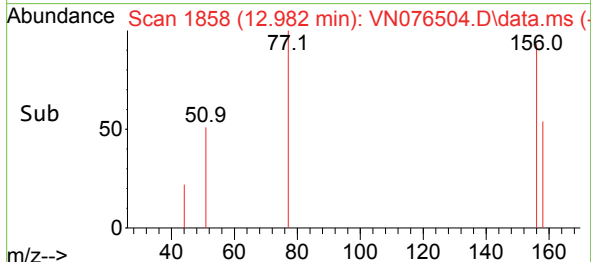
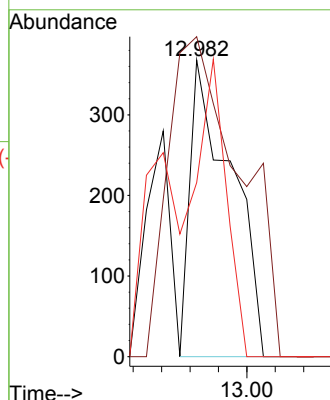
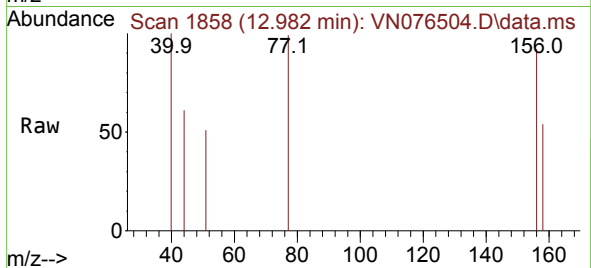
Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

Tgt Ion:	156	Resp:	370
Ion Ratio	Lower	Upper	
156	100		
77	188.1	93.4	280.2
158	71.4	48.4	145.2



#81

trans-1,4-Dichloro-2-butene

Concen: 93.294 ug/l

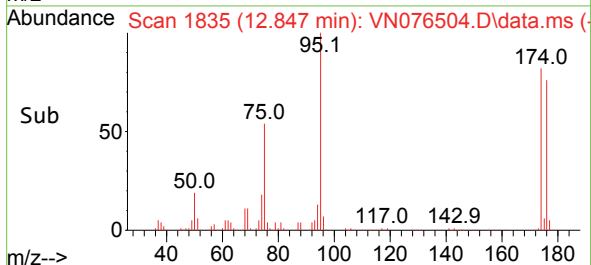
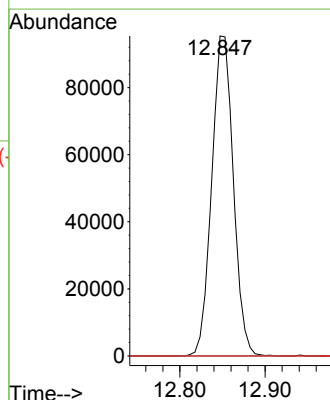
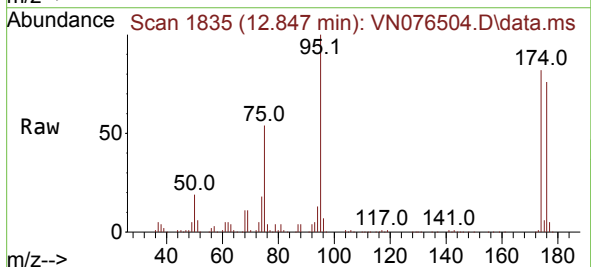
RT: 12.847 min Scan# 1835

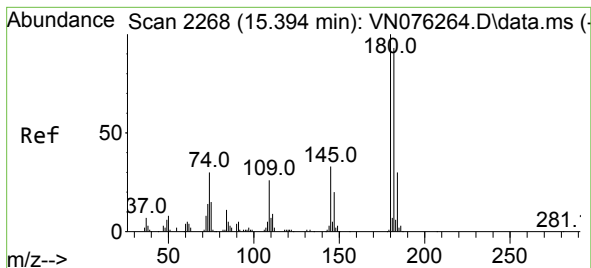
Delta R.T. 0.112 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

Tgt Ion:	75	Resp:	168451
Ion Ratio	Lower	Upper	
75	100		
53	0.0	75.8	113.8#
89	0.0	37.0	55.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.597 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

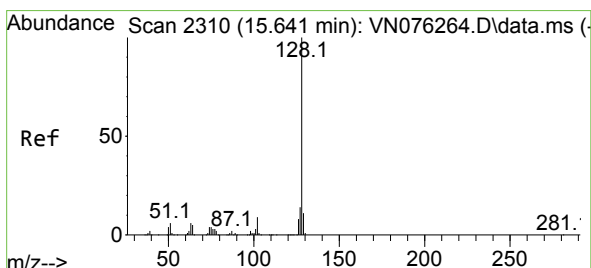
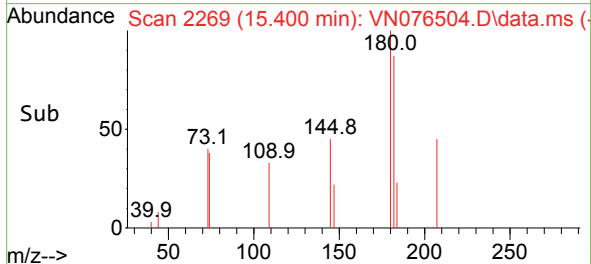
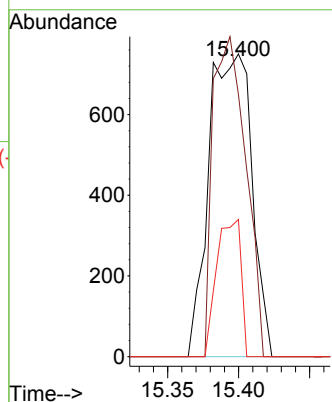
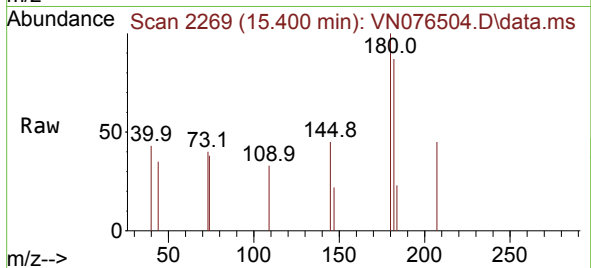
Tgt Ion:180 Resp: 1580

Ion Ratio Lower Upper

180 100

182 80.9 47.0 141.2

145 25.5 15.2 45.5



#95

Naphthalene

Concen: 2.317 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076504.D

Acq: 02 Feb 2023 11:47

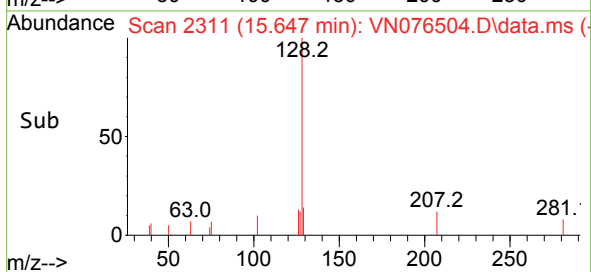
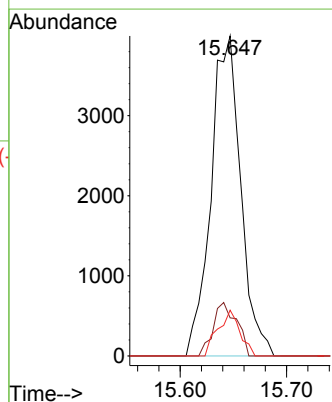
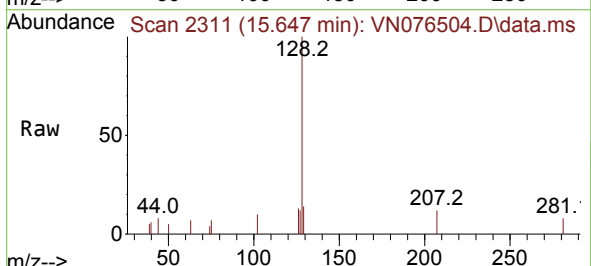
Tgt Ion:128 Resp: 7741

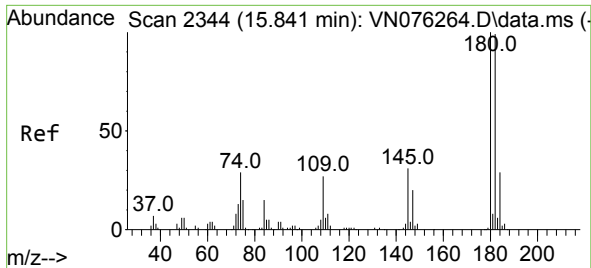
Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

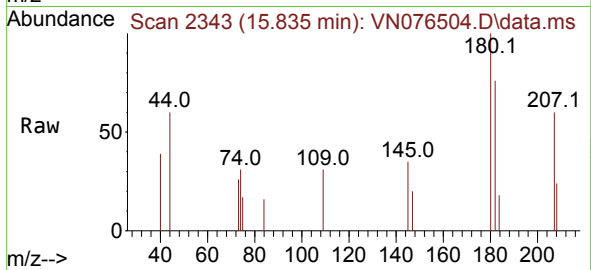
129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.537 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN076504.D
 Acq: 02 Feb 2023 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBL01



Tgt Ion:	180	Resp:	1971
Ion	Ratio	Lower	Upper
180	100		
182	106.2	47.5	142.5
145	35.7	15.9	47.6

