

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076801.D
 Acq On : 24 Feb 2023 11:41
 Operator : JC\MD
 Sample : VN0224WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBL01

Quant Time: Feb 25 01:41:49 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)

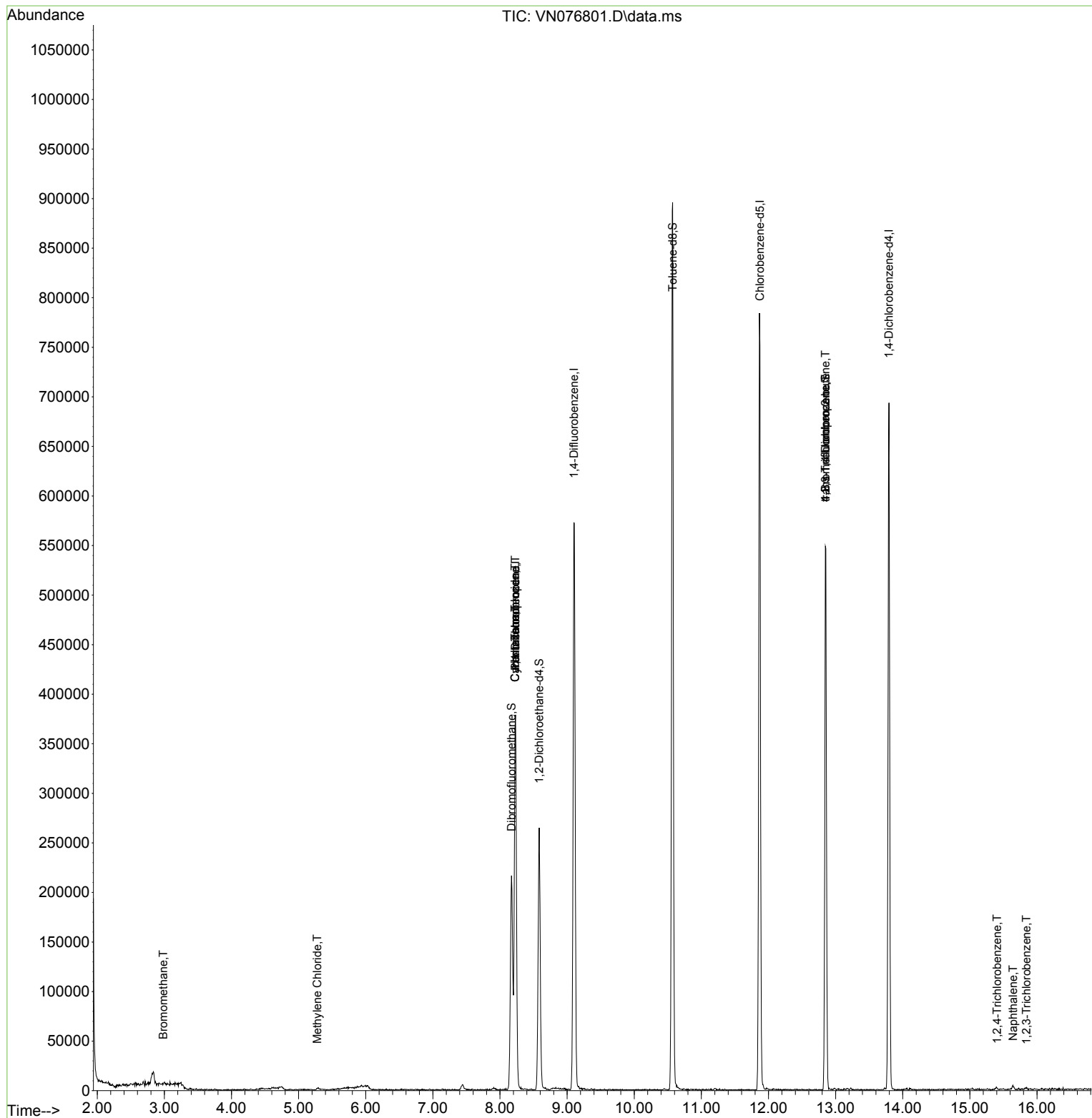
Internal Standards						
1) Pentafluorobenzene	8.231	168	268448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	483739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	429725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	168743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	194495	52.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	8.172	113	150440	47.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.980%	
50) Toluene-d8	10.572	98	600161	50.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	12.848	95	177075	45.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	689	0.311	ug/l #	24
20) Methylene Chloride	5.278	84	1310	0.377	ug/l #	52
31) Cyclohexane	8.225	56	7774	1.337	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	24621	5.379	ug/l #	48
38) Carbon Tetrachloride	8.225	117	29936	6.483	ug/l #	16
76) 1,2,3-Trichloropropane	12.848	75	100746	29.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	100746	86.012	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.407	180	852	0.286	ug/l	80
95) Naphthalene	15.642	128	3882	0.429	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.842	180	1087	0.376	ug/l #	69

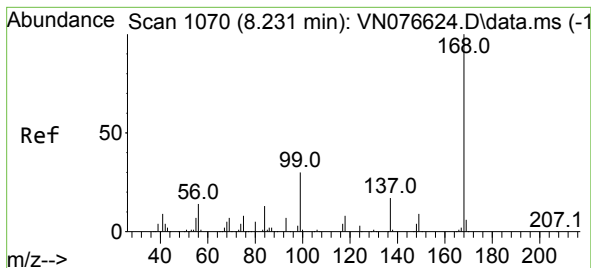
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076801.D

Acq: 24 Feb 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

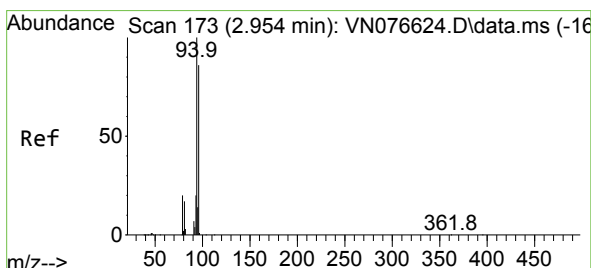
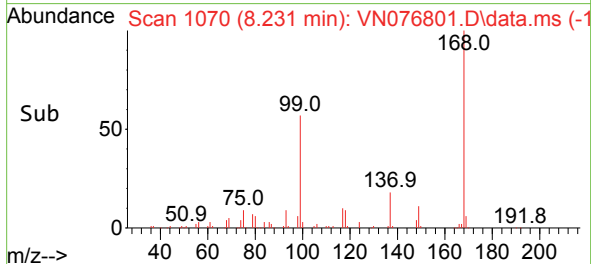
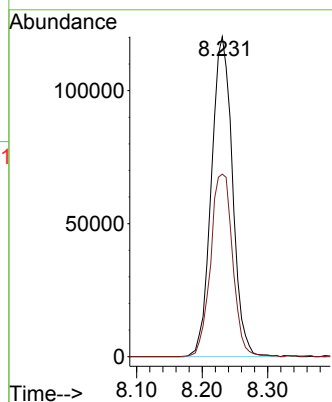
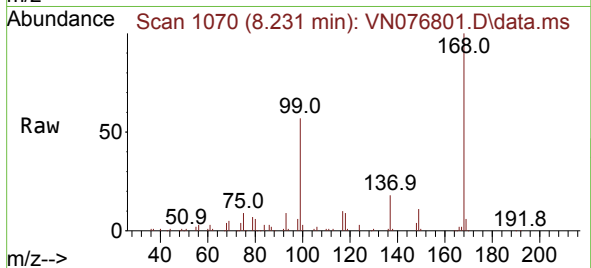
VN0224WBL01

Tgt Ion:168 Resp: 268448

Ion Ratio Lower Upper

168 100

99 57.0 44.8 67.2



#5

Bromomethane

Concen: 0.311 ug/l

RT: 2.984 min Scan# 178

Delta R.T. 0.030 min

Lab File: VN076801.D

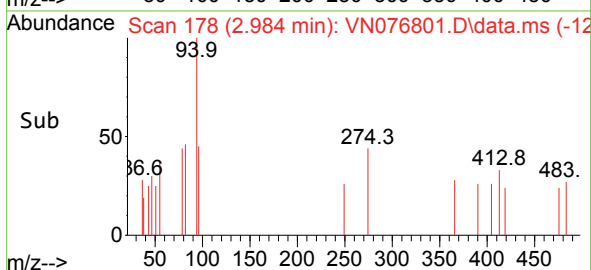
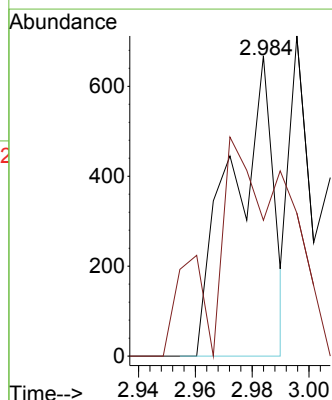
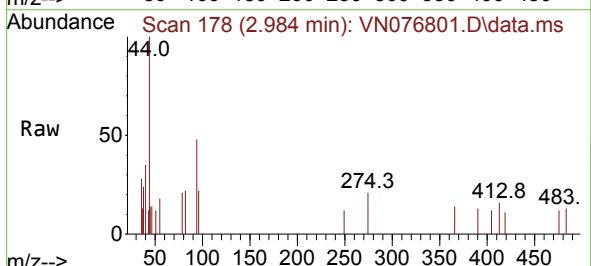
Acq: 24 Feb 2023 11:41

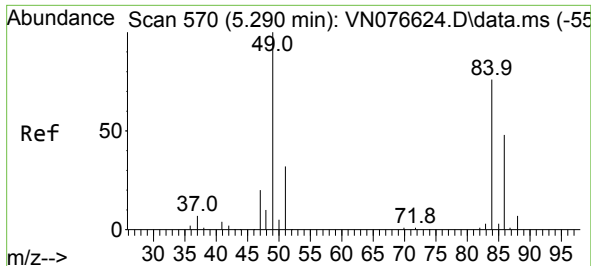
Tgt Ion: 94 Resp: 689

Ion Ratio Lower Upper

94 100

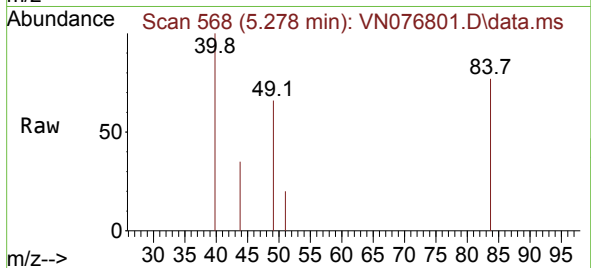
96 16.3 69.0 103.4#



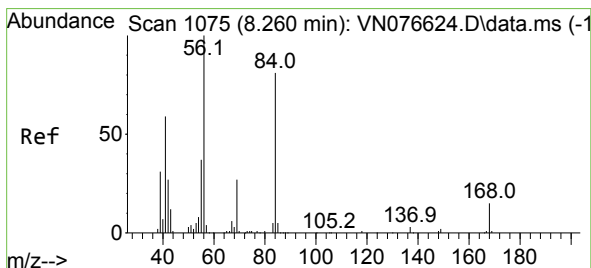
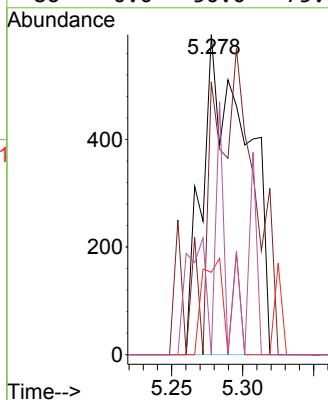
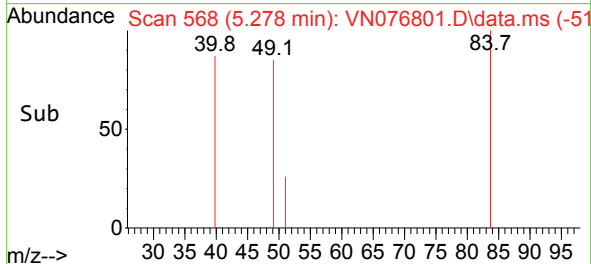


#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBL01

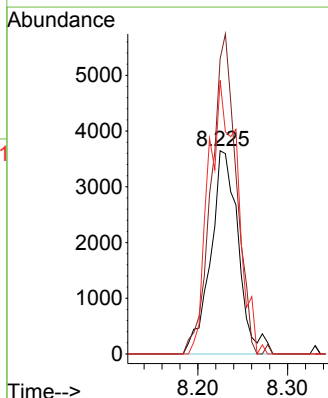
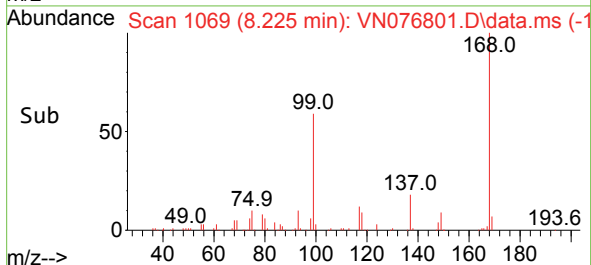
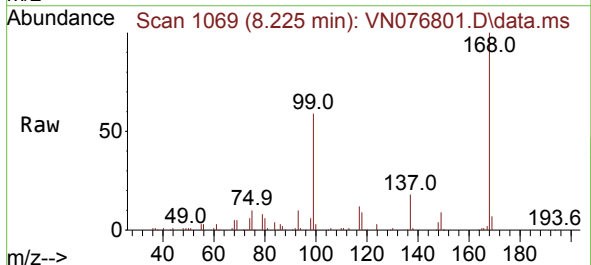


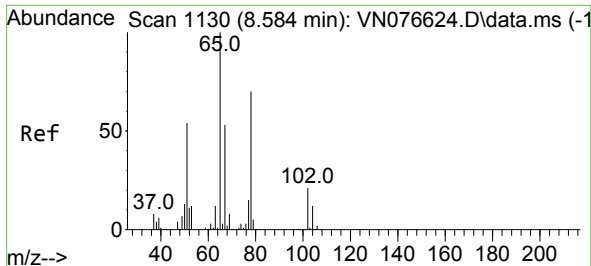
Tgt Ion:	84	Resp:	1310
Ion	Ratio	Lower	Upper
84	100		
49	85.2	104.9	157.3#
51	25.7	33.8	50.8#
86	0.0	50.0	75.0#



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Tgt Ion:	56	Resp:	7774
Ion	Ratio	Lower	Upper
56	100		
69	145.2	21.6	32.4#
84	134.6	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 52.469 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076801.D

Acq: 24 Feb 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

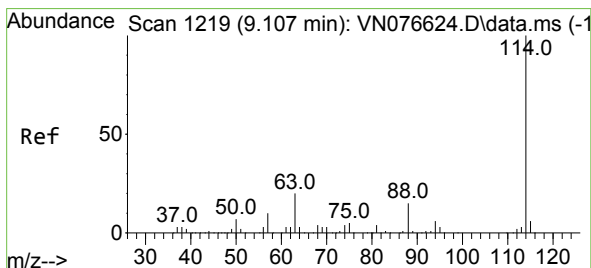
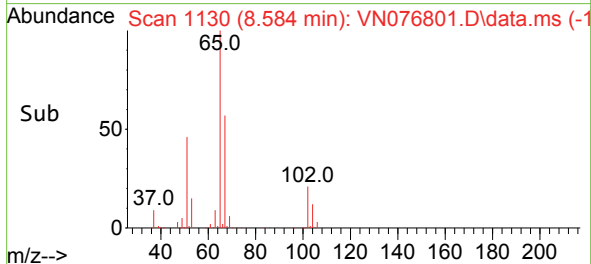
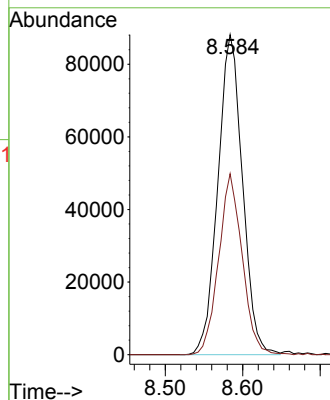
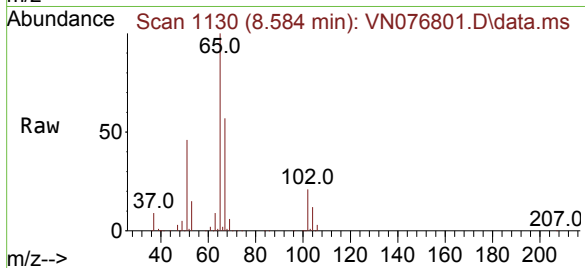
VN0224WBL01

Tgt Ion: 65 Resp: 194495

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076801.D

Acq: 24 Feb 2023 11:41

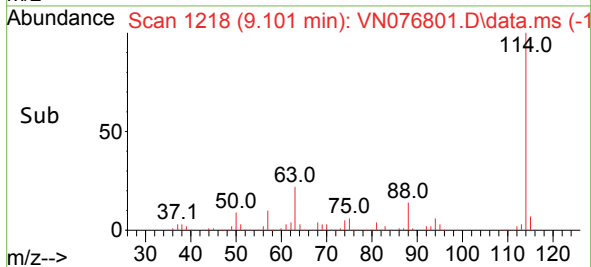
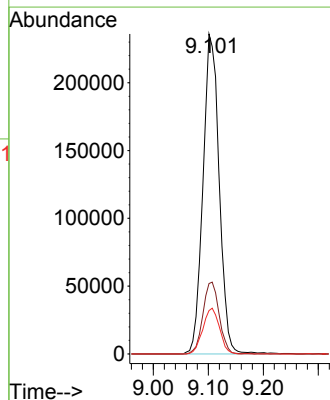
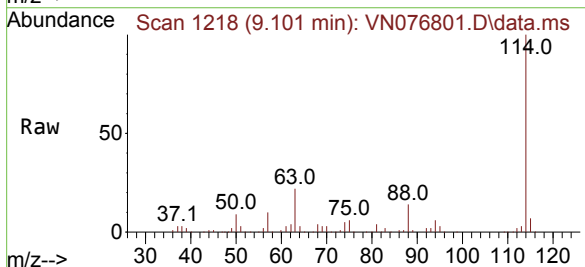
Tgt Ion: 114 Resp: 483739

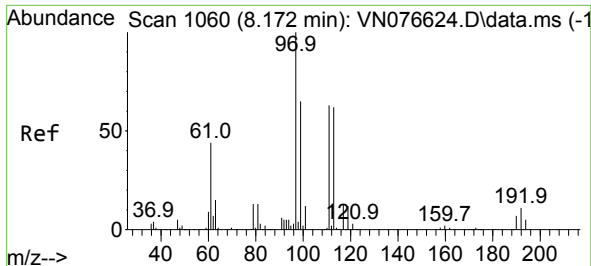
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 13.5 0.0 29.6

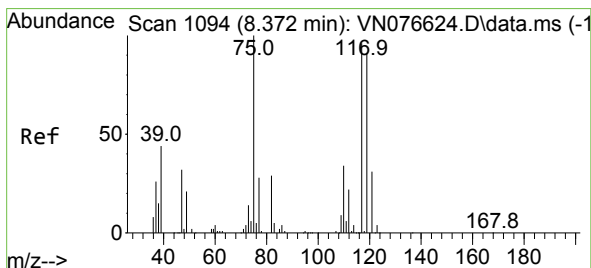
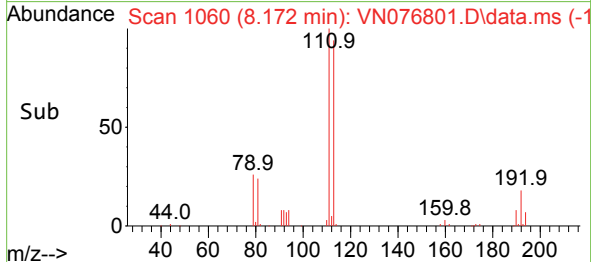
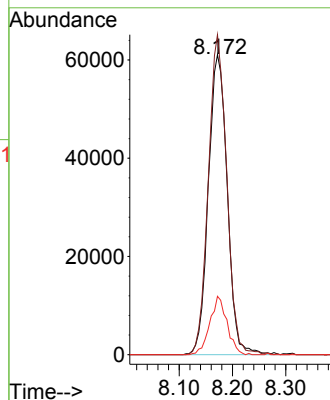
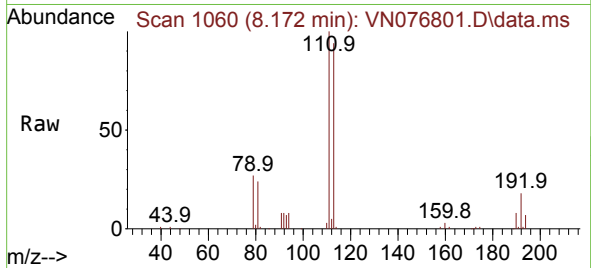




#35
Dibromofluoromethane
Concen: 47.489 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

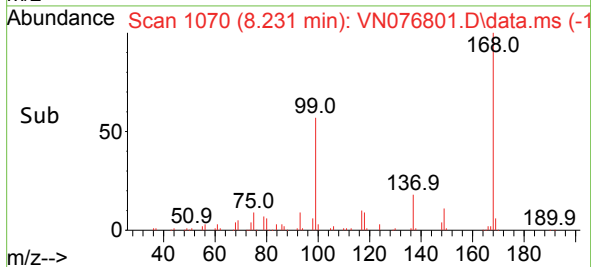
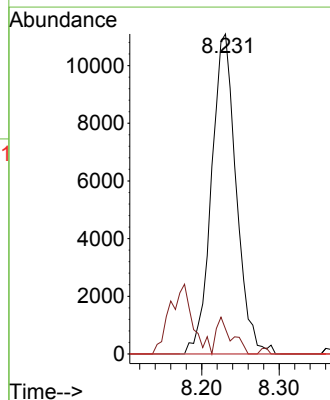
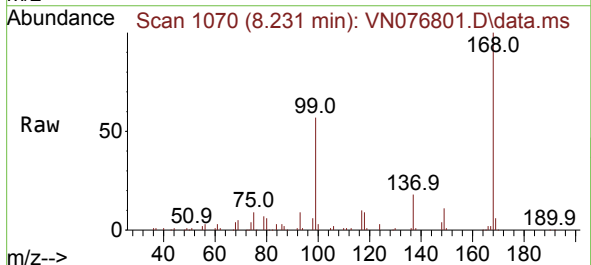
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBL01

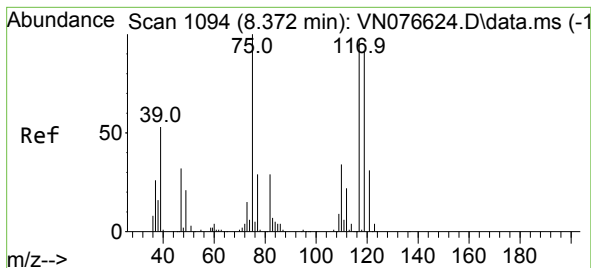
Tgt Ion:113 Resp: 150440
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 17.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Tgt Ion: 75 Resp: 24621
Ion Ratio Lower Upper
75 100
110 7.1 17.5 52.5#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.483 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN076801.D

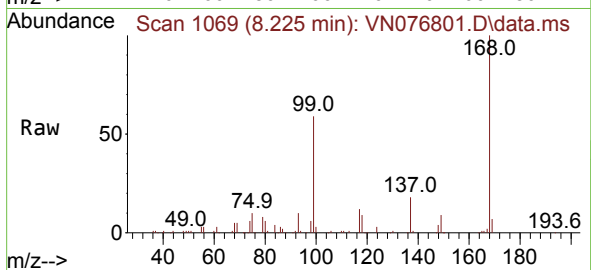
Acq: 24 Feb 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBL01



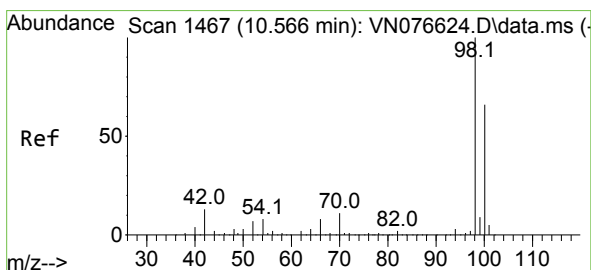
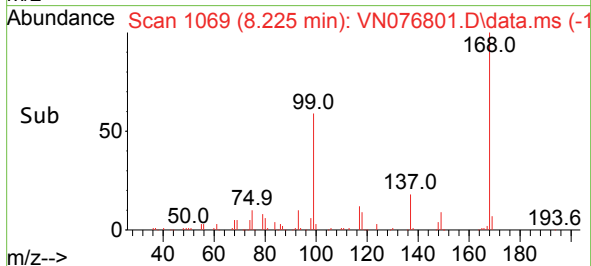
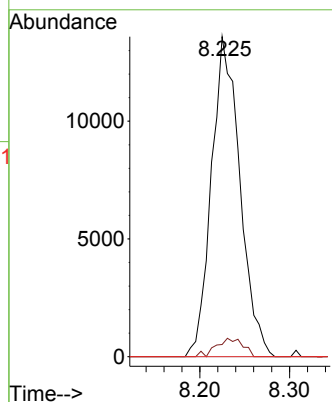
Tgt Ion:117 Resp: 29936

Ion Ratio Lower Upper

117 100

119 3.8 75.4 113.0#

121 0.0 26.0 39.0#



#50

Toluene-d8

Concen: 50.729 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076801.D

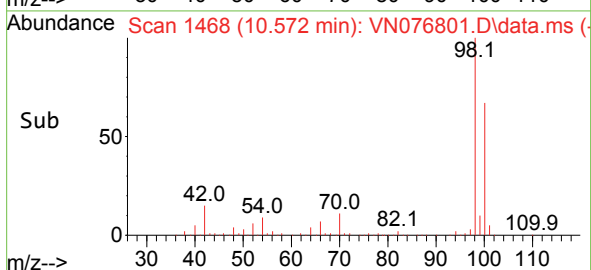
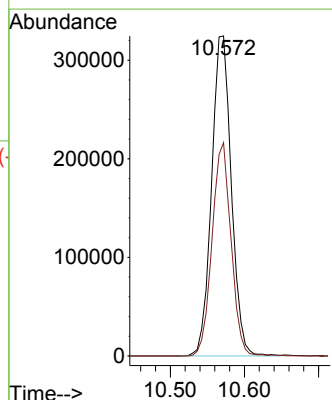
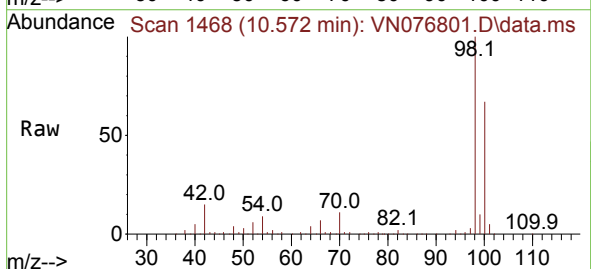
Acq: 24 Feb 2023 11:41

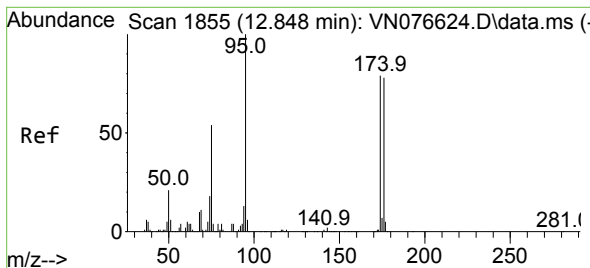
Tgt Ion: 98 Resp: 600161

Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3

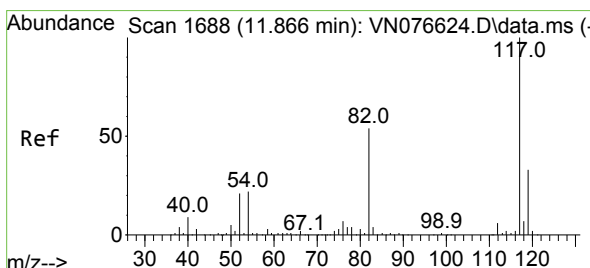
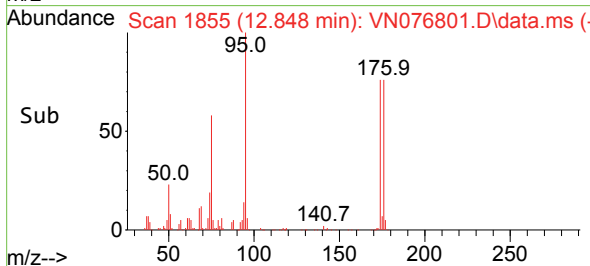
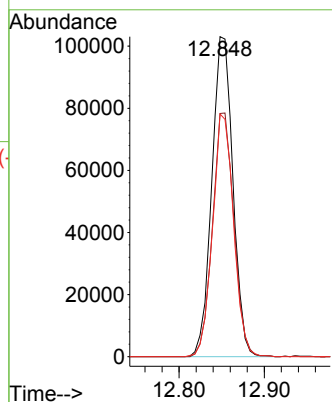
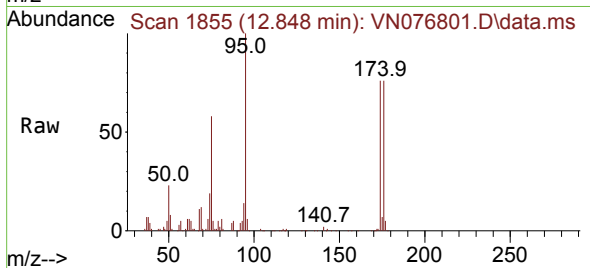




#62
4-Bromofluorobenzene
Concen: 45.191 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

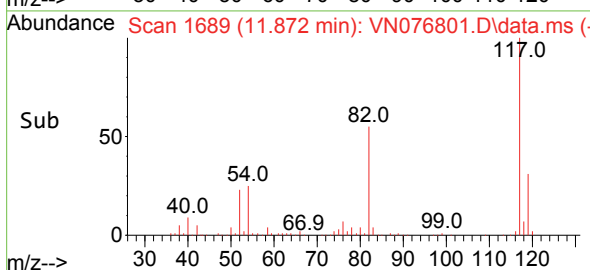
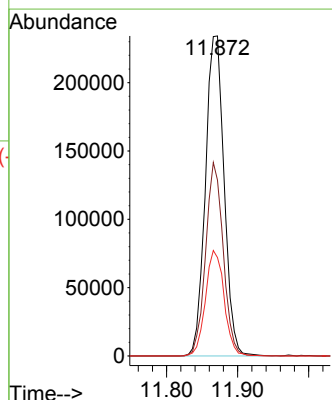
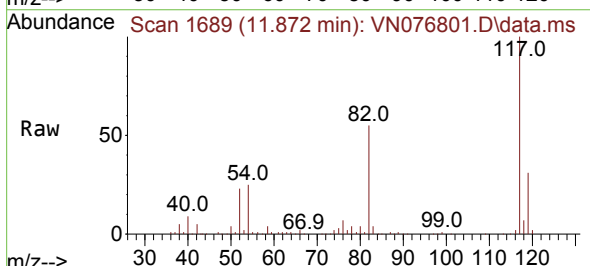
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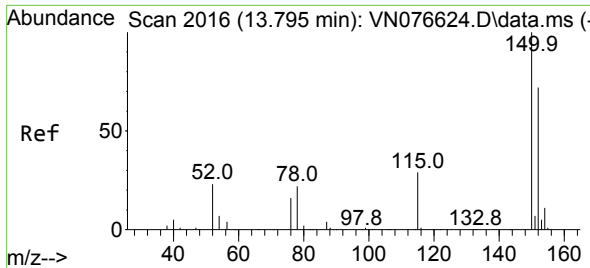
Tgt Ion: 95 Resp: 177075
Ion Ratio Lower Upper
95 100
174 77.2 0.0 169.2
176 75.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Tgt Ion: 117 Resp: 429725
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 30.7 26.1 39.1

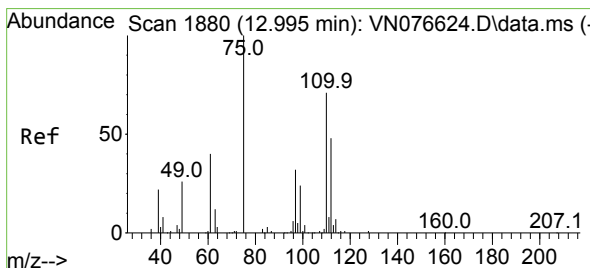
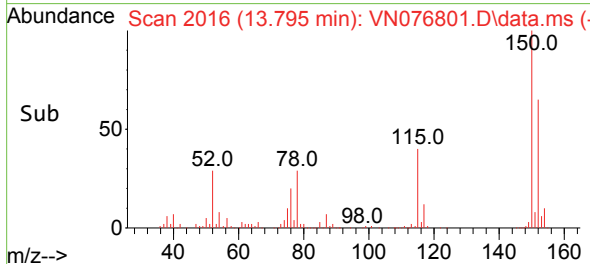
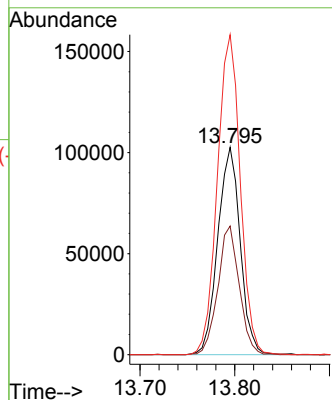
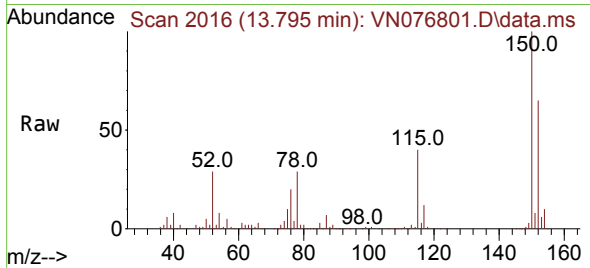




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

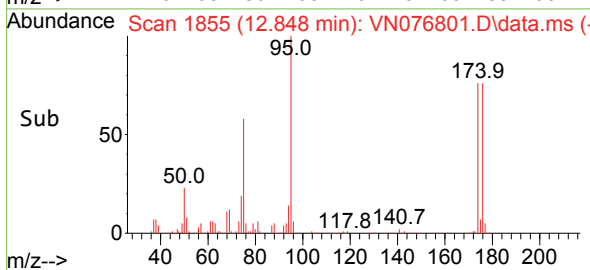
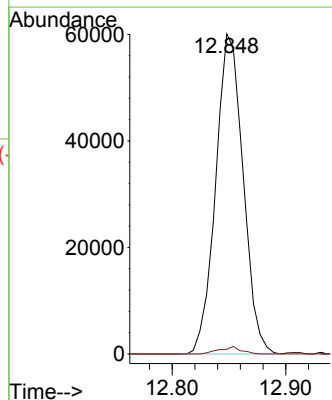
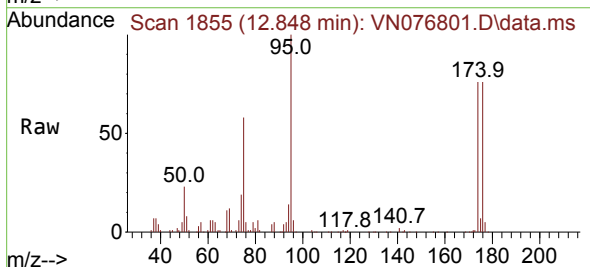
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBL01

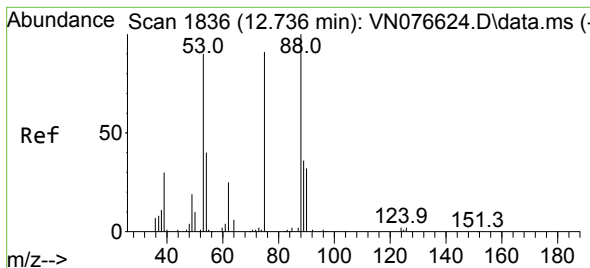
Tgt Ion:152 Resp: 168743
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.9
150 157.6 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 29.531 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Tgt Ion: 75 Resp: 100746
Ion Ratio Lower Upper
75 100
77 1.8 93.1 279.3#

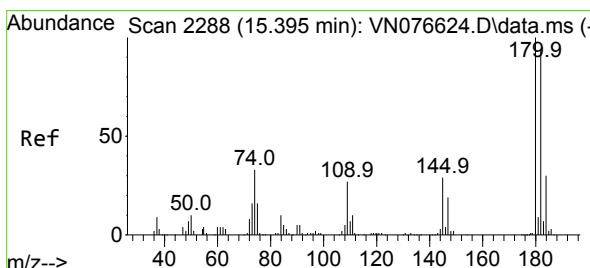
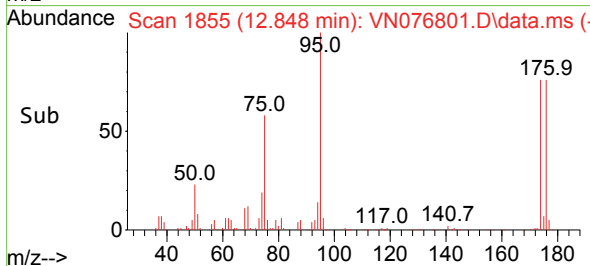
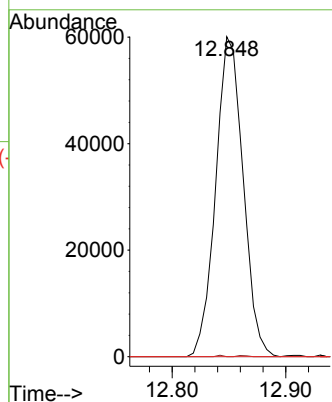
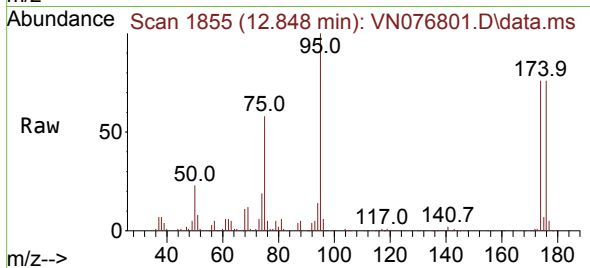




#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.012 ug/l
 RT: 12.848 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN076801.D
 Acq: 24 Feb 2023 11:41

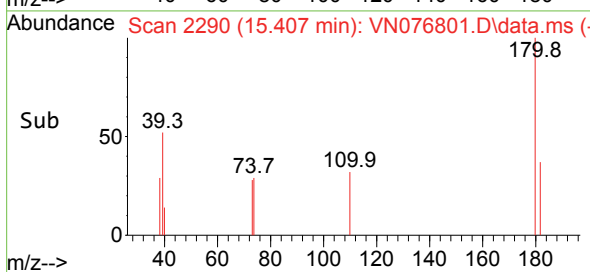
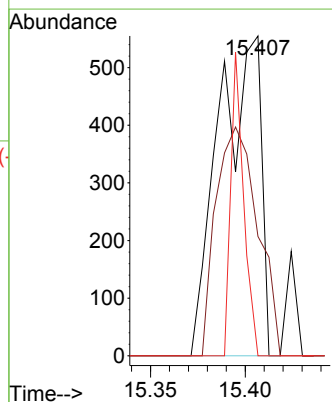
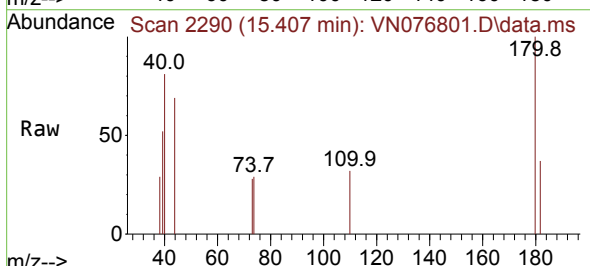
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBL01

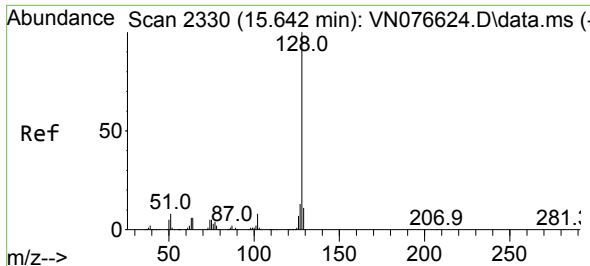
Tgt Ion: 75 Resp: 100746
 Ion Ratio Lower Upper
 75 100
 53 0.1 92.1 138.1#
 89 0.0 37.5 56.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.286 ug/l
 RT: 15.407 min Scan# 2290
 Delta R.T. 0.012 min
 Lab File: VN076801.D
 Acq: 24 Feb 2023 11:41

Tgt Ion:180 Resp: 852
 Ion Ratio Lower Upper
 180 100
 182 71.4 48.0 144.0
 145 29.0 15.2 45.6

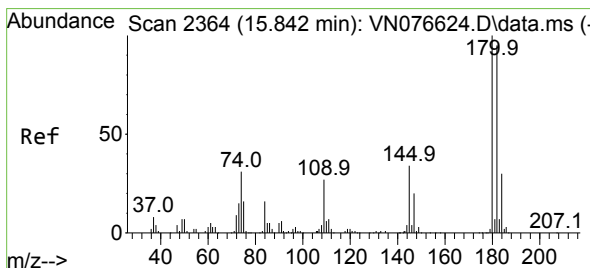
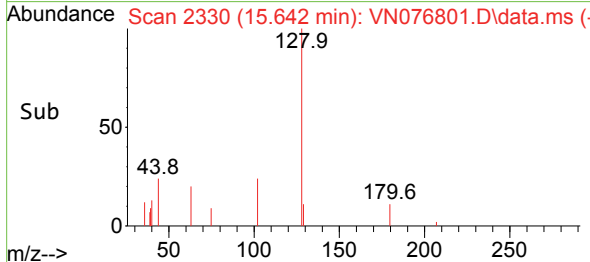
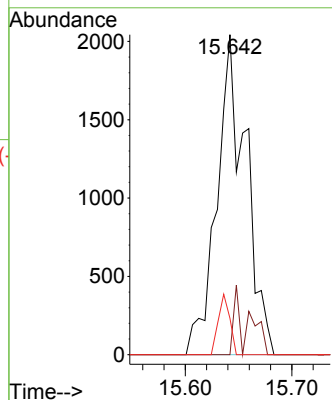
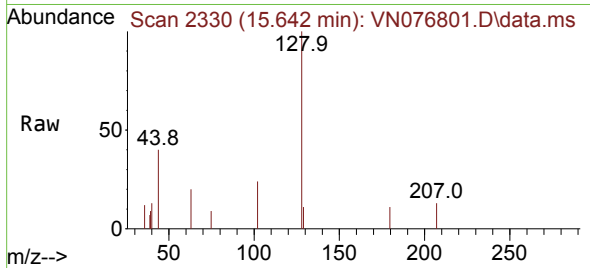




#95
Naphthalene
Concen: 0.429 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBL01

Tgt Ion:128 Resp: 3882
Ion Ratio Lower Upper
128 100
127 4.0 10.6 16.0#
129 7.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.376 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076801.D
Acq: 24 Feb 2023 11:41

Tgt Ion:180 Resp: 1087
Ion Ratio Lower Upper
180 100
182 66.5 46.7 140.1
145 10.0 16.0 47.9#

