

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076382.D
 Acq On : 24 Jan 2023 15:05
 Operator : JC\MD
 Sample : 01280-01 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

Quant Time: Jan 25 00:39:47 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)

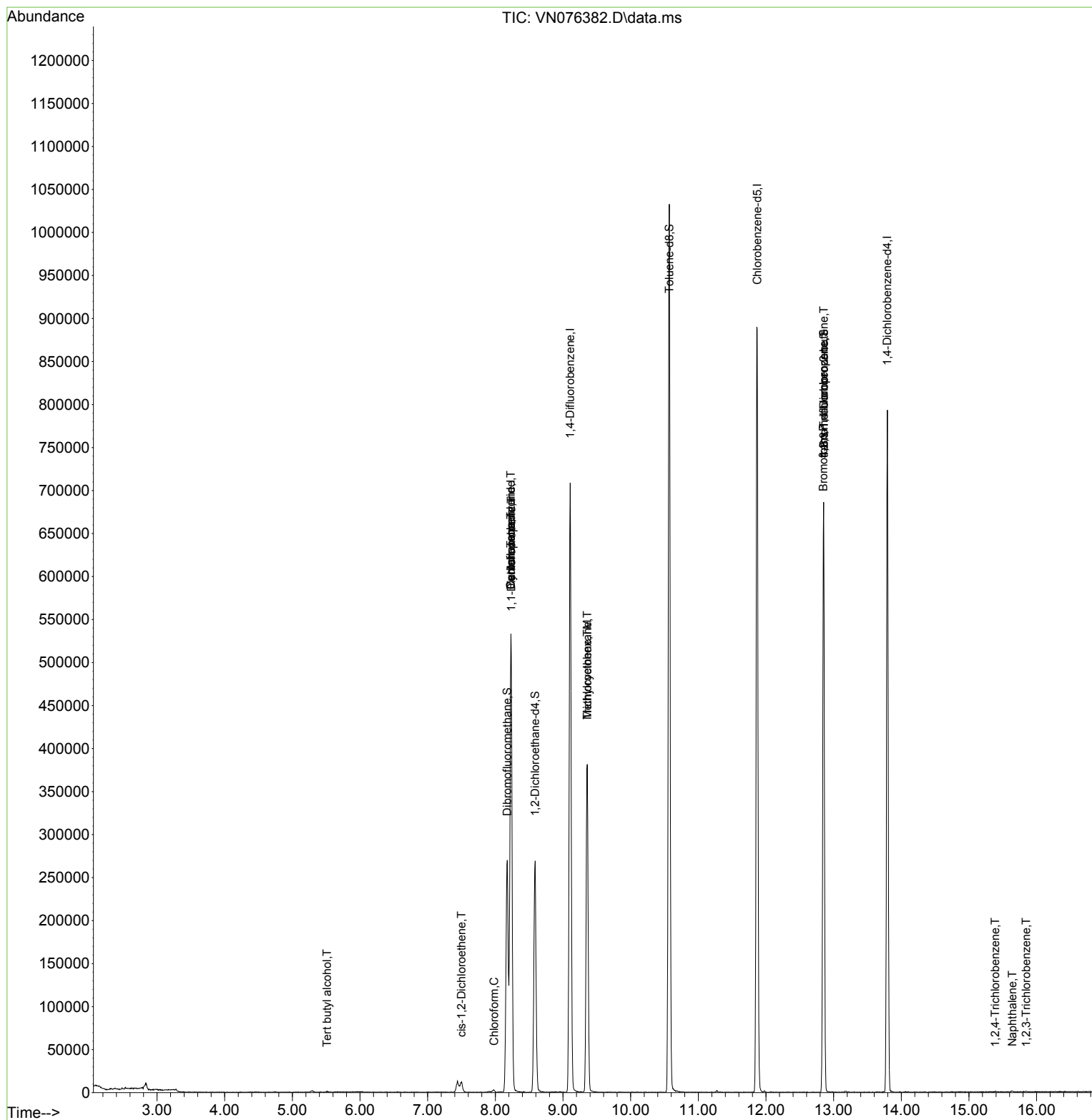
Internal Standards						
1) Pentafluorobenzene	8.230	168	400603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	635764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	546837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	221394	49.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.177	113	189858	47.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	10.571	98	730864	49.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	229087	47.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	410	0.683	ug/l #	72
20) Methylene Chloride	5.277	84	1304	Below Cal	#	81
27) cis-1,2-Dichloroethene	7.500	96	7836	1.616	ug/l	93
30) Chloroform	7.982	83	2885	0.371	ug/l #	82
31) Cyclohexane	8.230	56	8426	1.223	ug/l #	13
36) 1,1-Dichloropropene	8.235	75	30991	5.484	ug/l #	49
38) Carbon Tetrachloride	8.230	117	40524	6.430	ug/l #	16
39) Methylcyclohexane	9.359	83	1724	0.250	ug/l #	1
44) Trichloroethene	9.359	130	141069	29.517	ug/l	100
71) Bromoform	12.847	173	1524	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	121738	30.370	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	121738	93.182	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	149	1.343	ug/l #	27
95) Naphthalene	15.641	128	1472	1.964	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.847	180	129	1.189	ug/l #	1

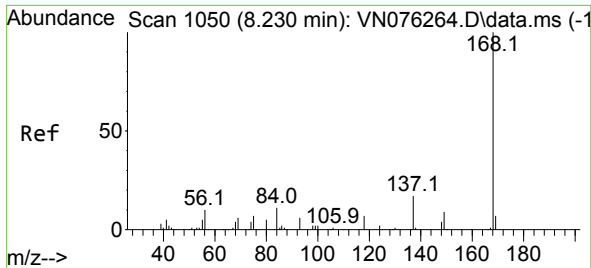
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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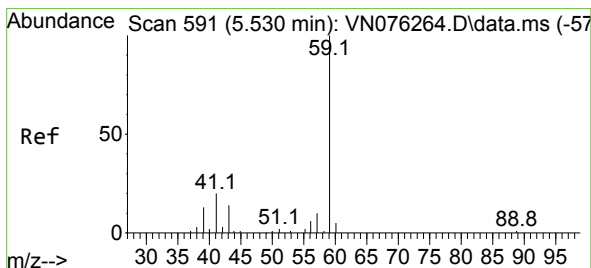
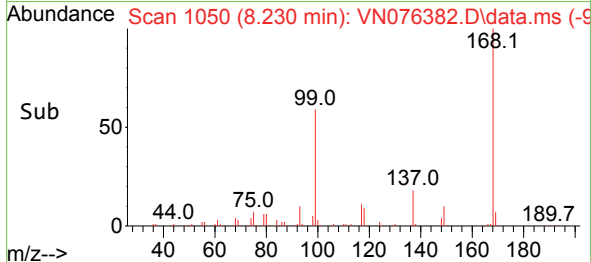
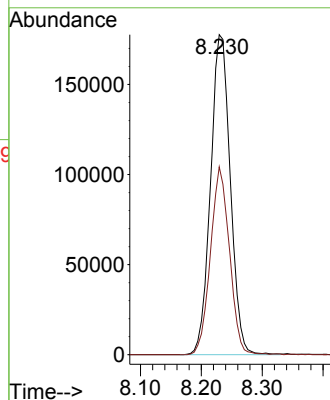
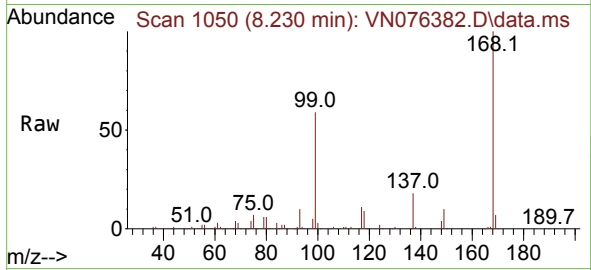




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

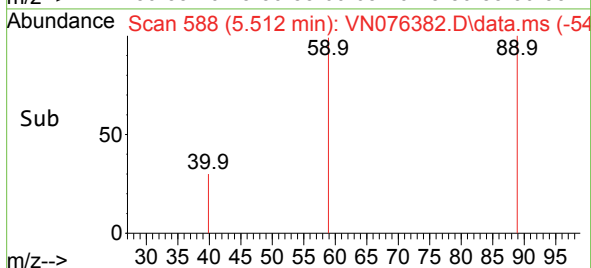
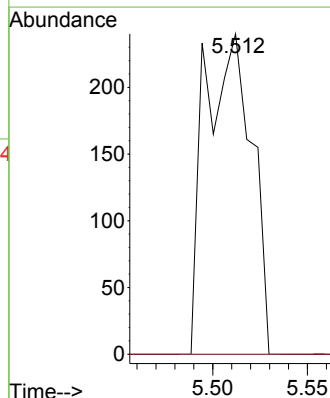
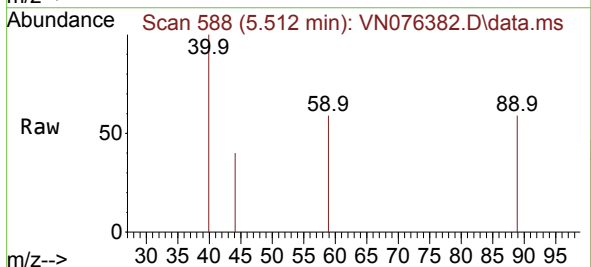
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

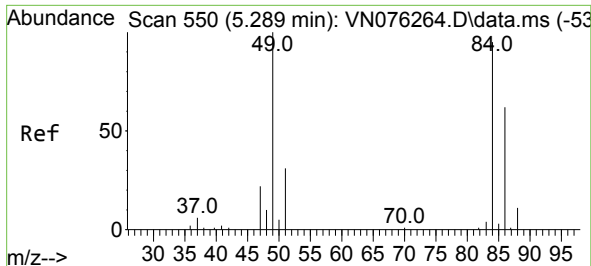
Tgt Ion:168 Resp: 400603
Ion Ratio Lower Upper
168 100
99 58.7 41.6 62.4



#11
Tert butyl alcohol
Concen: 0.683 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.018 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

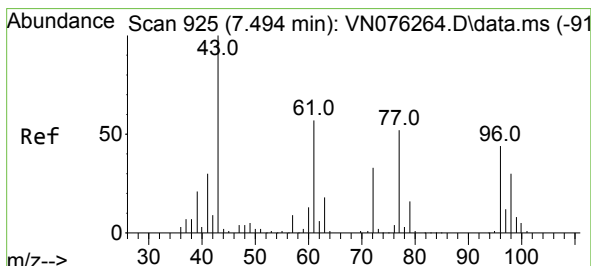
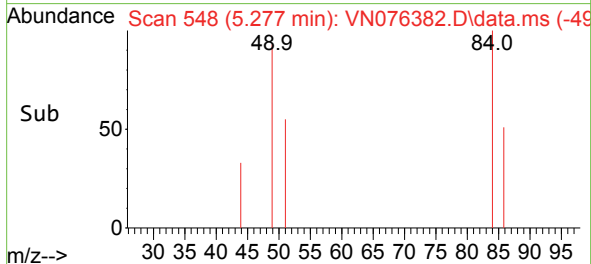
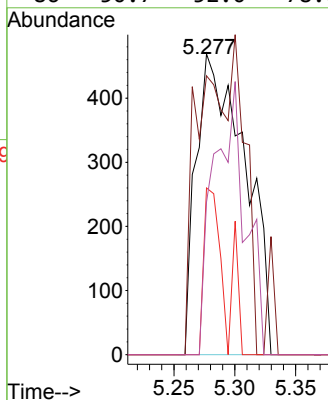
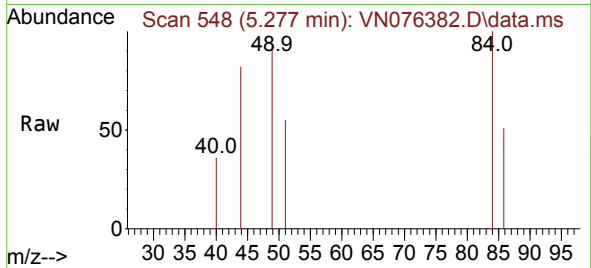




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

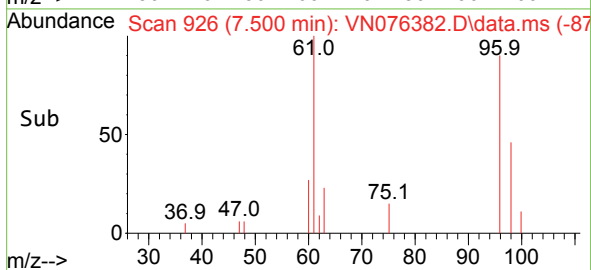
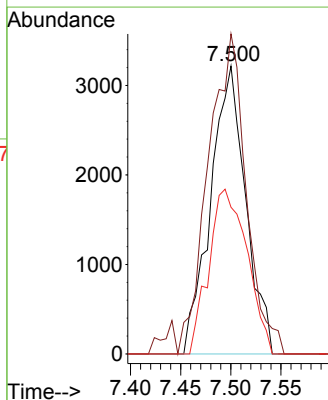
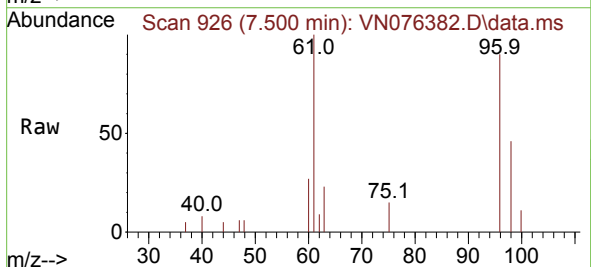
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

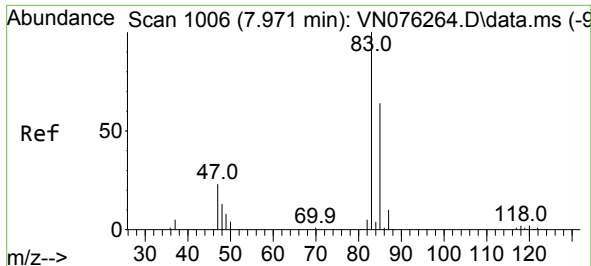
Tgt Ion: 84	Resp: 1304
Ion Ratio	Lower Upper
84 100	
49 92.8	84.5 126.7
51 55.4	26.0 39.0#
86 50.7	52.0 78.0#



#27
cis-1,2-Dichloroethene
Concen: 1.616 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 96	Resp:	7836	
Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	259.6
98	62.5	0.0	129.4

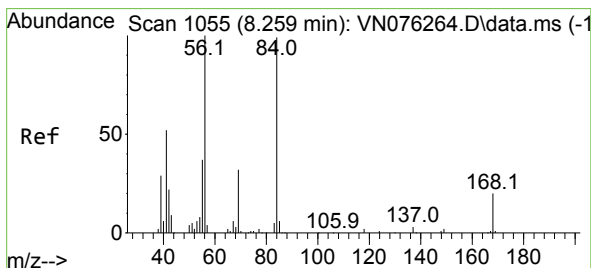
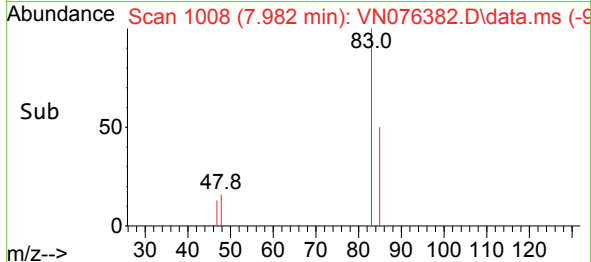
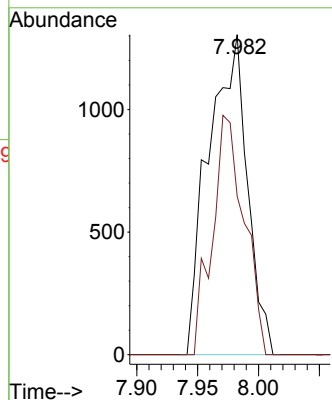
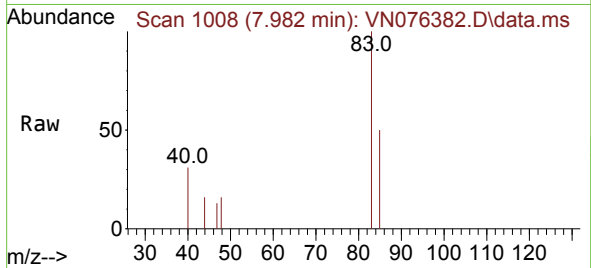




#30
Chloroform
Concen: 0.371 ug/l
RT: 7.982 min Scan# 10
Delta R.T. 0.011 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

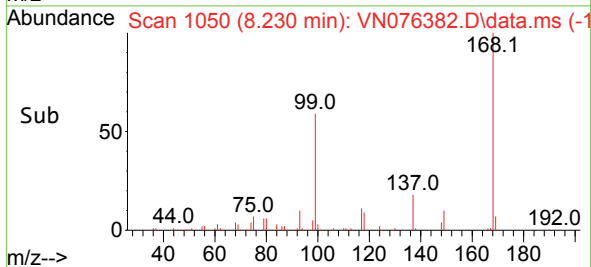
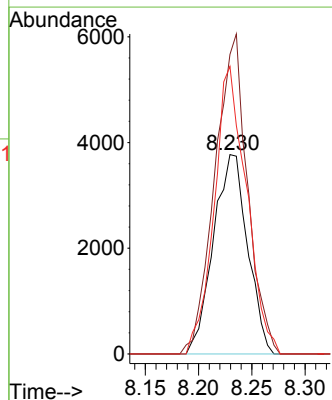
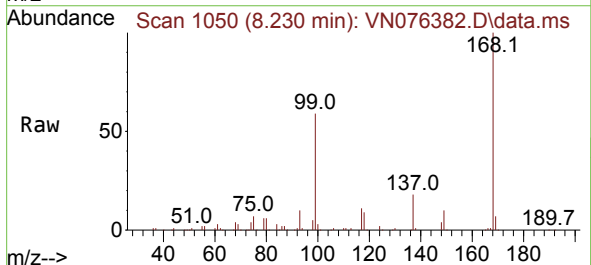
Instrument :
MSVOA_N
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LEA-7I

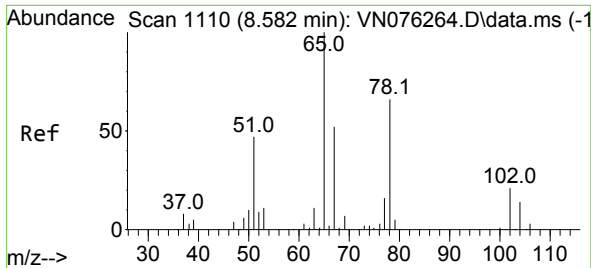
Tgt Ion: 83 Resp: 2885
Ion Ratio Lower Upper
83 100
85 49.6 51.0 76.6#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 56 Resp: 8426
Ion Ratio Lower Upper
56 100
69 150.3 25.8 38.8#
84 144.3 79.0 118.4#

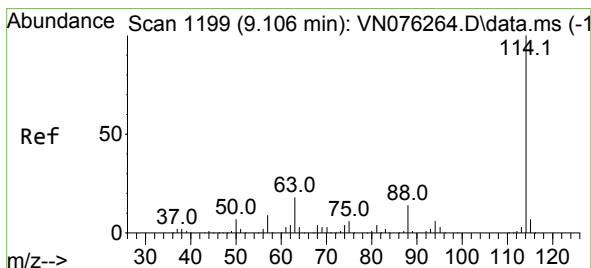
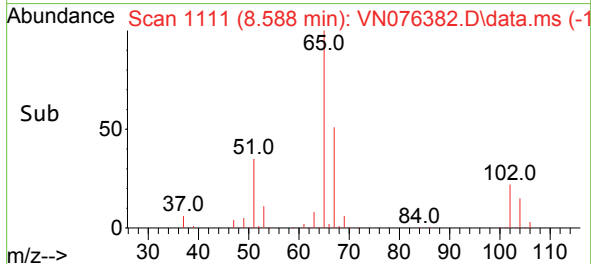
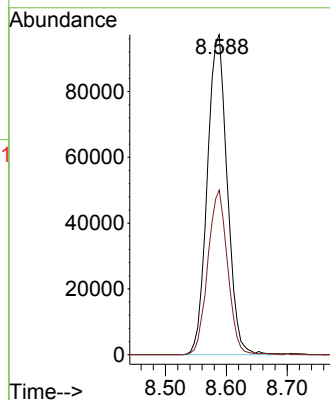
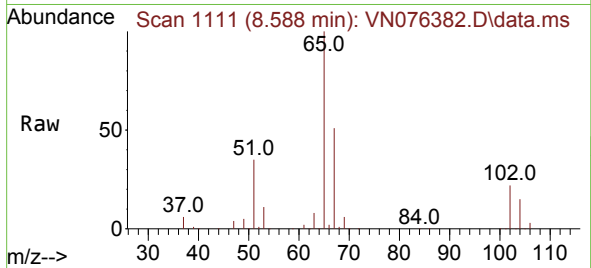




#33
 1,2-Dichloroethane-d4
 Concen: 49.358 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN076382.D
 Acq: 24 Jan 2023 15:05

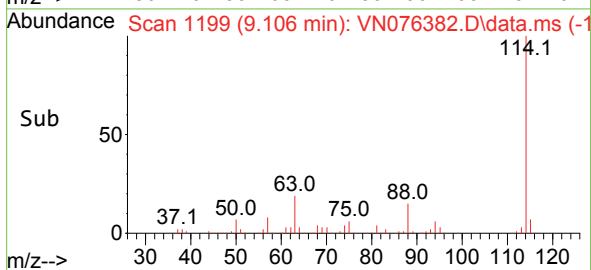
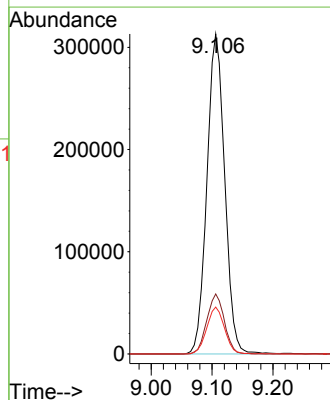
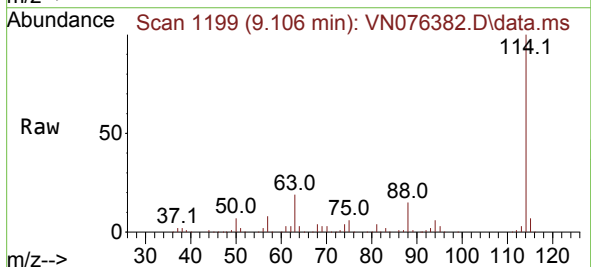
Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-71

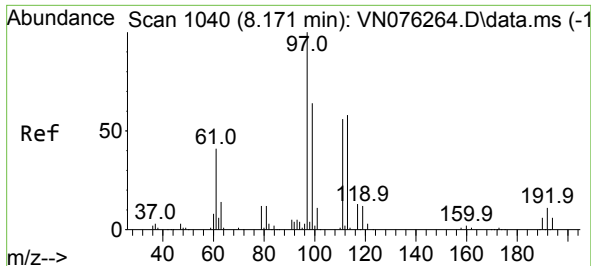
Tgt Ion: 65 Resp: 221394
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076382.D
 Acq: 24 Jan 2023 15:05

Tgt Ion: 114 Resp: 635764
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.8
 88 14.7 0.0 28.0

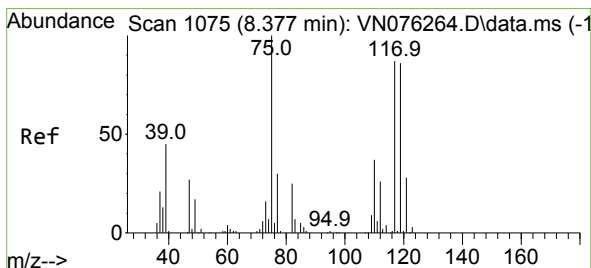
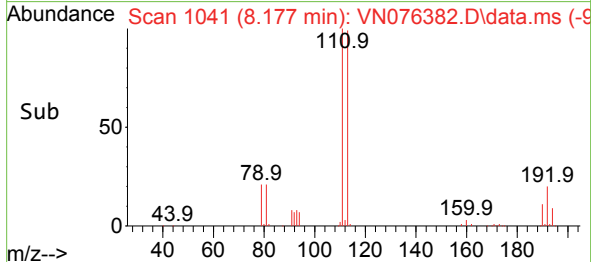
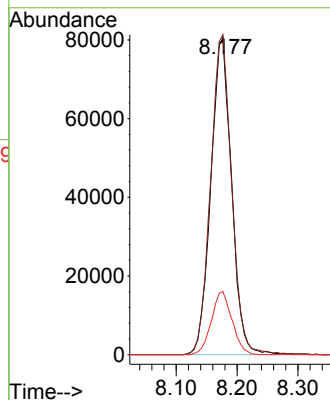
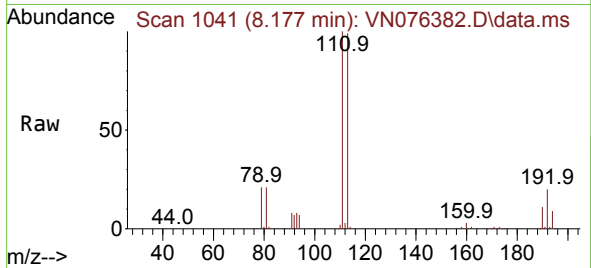




#35
Dibromofluoromethane
Concen: 47.739 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

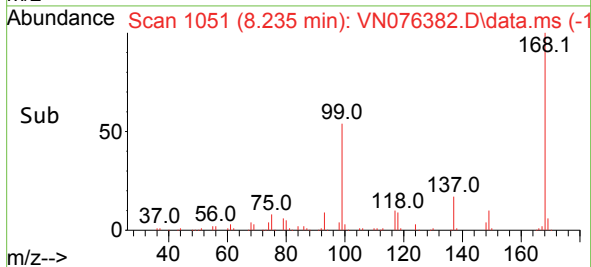
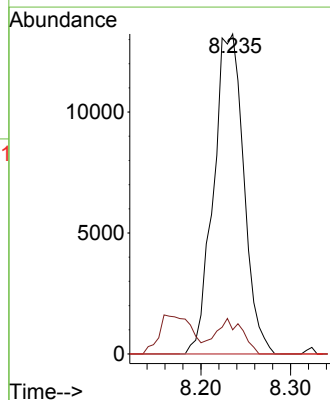
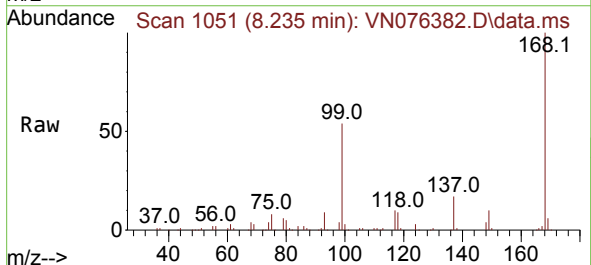
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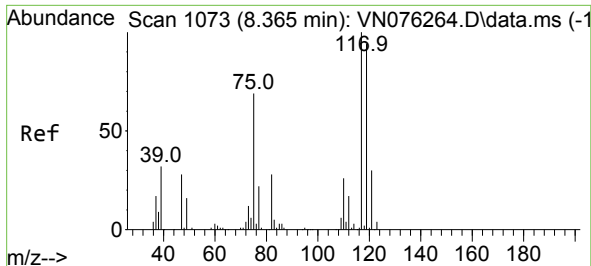
Tgt Ion:113 Resp: 189858
Ion Ratio Lower Upper
113 100
111 102.5 82.7 124.1
192 19.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.142 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 75 Resp: 30991
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.3#
77 0.0 25.0 37.4#

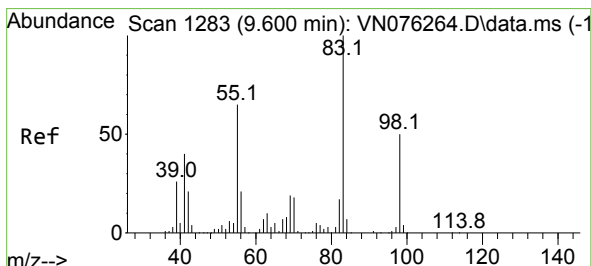
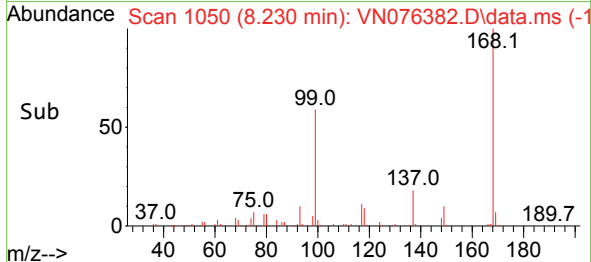
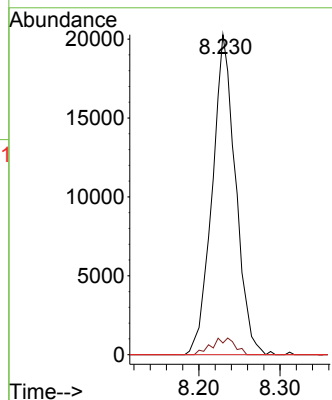
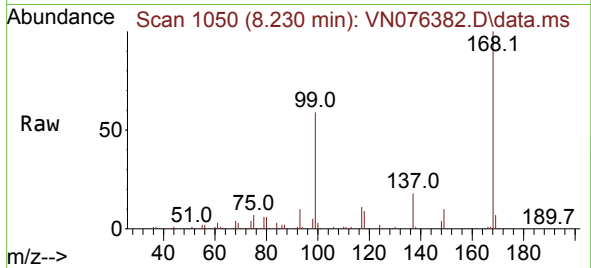




#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 8.230 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

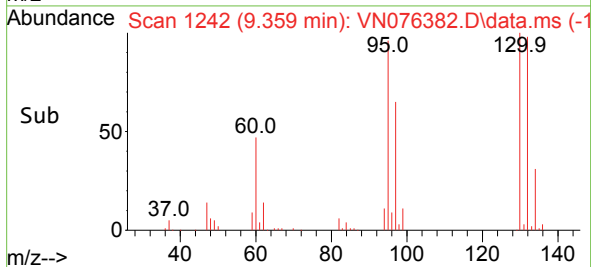
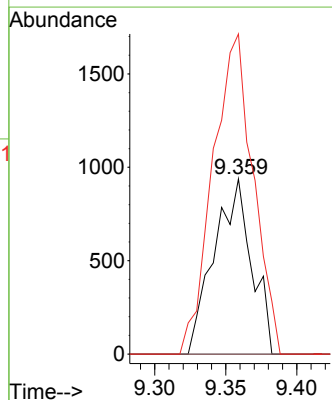
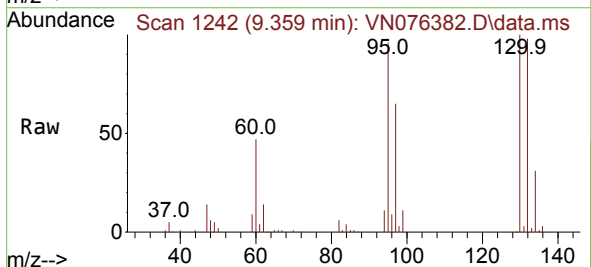
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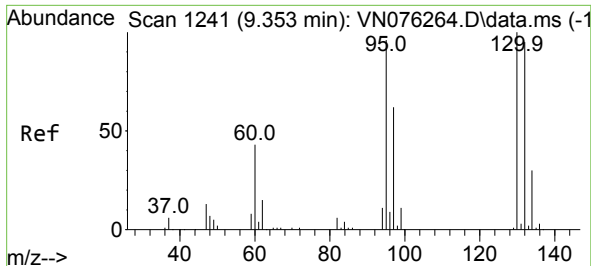
Tgt Ion:117 Resp: 40524
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.250 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.241 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 83 Resp: 1724
Ion Ratio Lower Upper
83 100
55 0.0 51.7 77.5#
98 182.7 40.0 60.0#

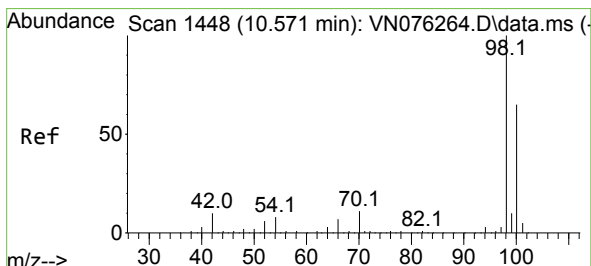
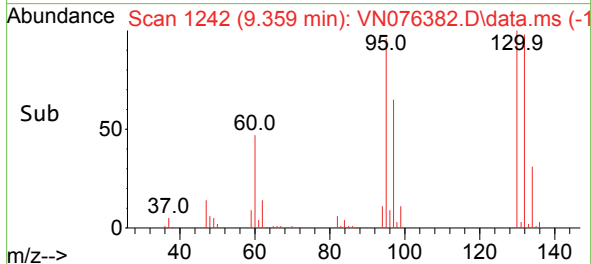
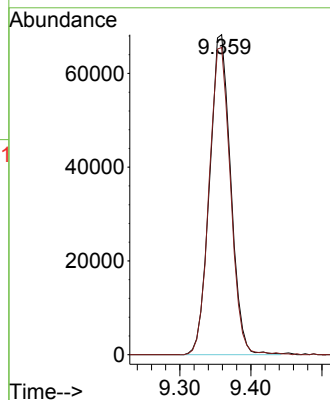
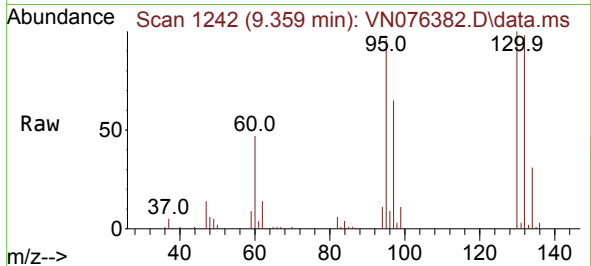




#44
Trichloroethene
Concen: 29.517 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

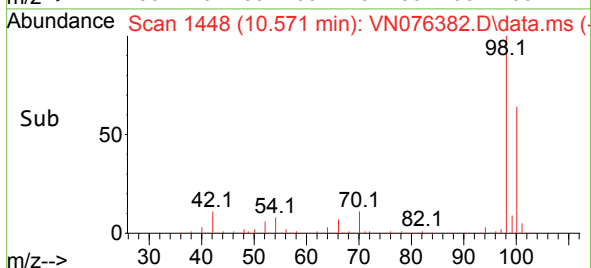
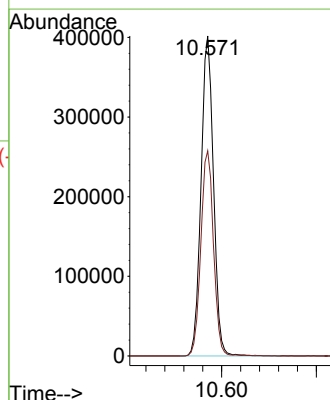
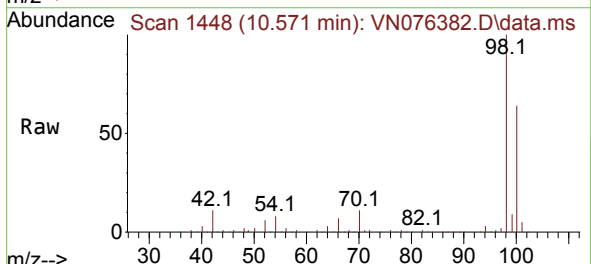
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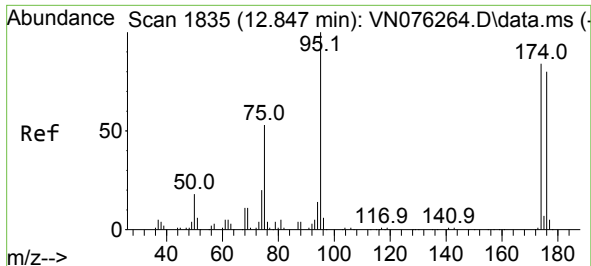
Tgt Ion:130 Resp: 141069
Ion Ratio Lower Upper
130 100
95 96.0 0.0 192.0



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 98 Resp: 730864
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

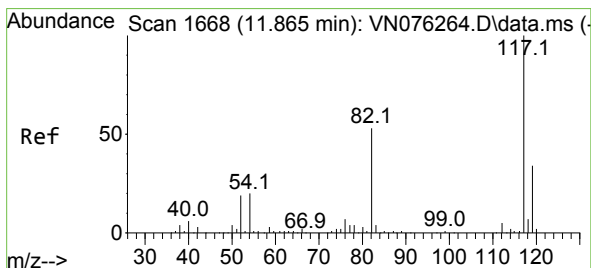
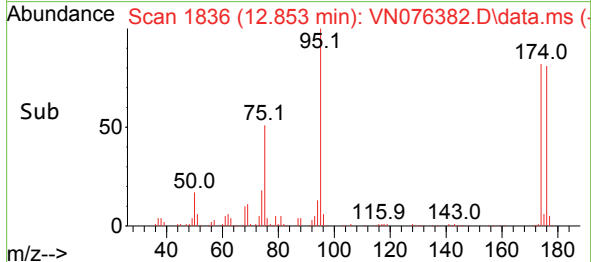
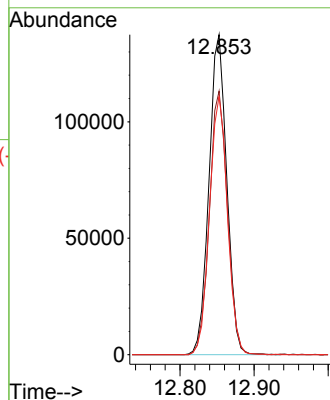
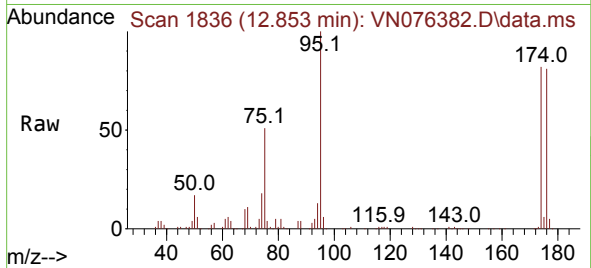




#62
4-Bromofluorobenzene
Concen: 47.779 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

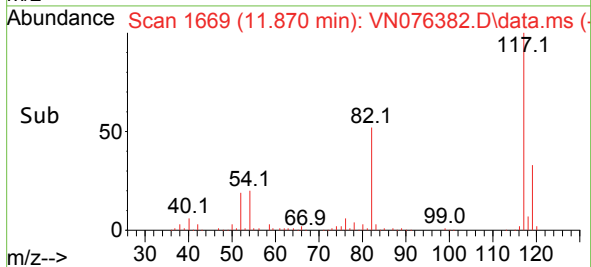
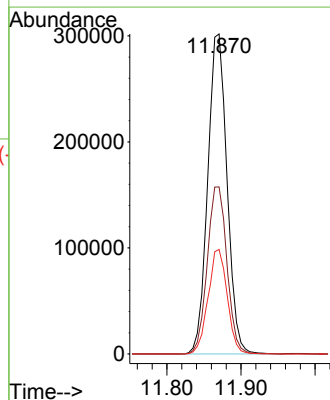
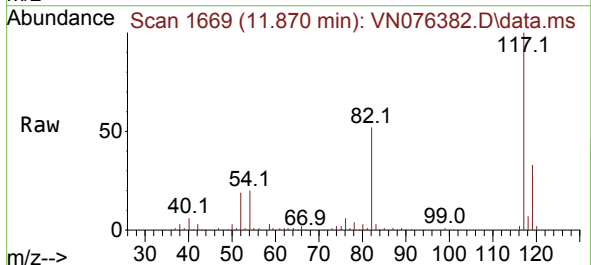
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

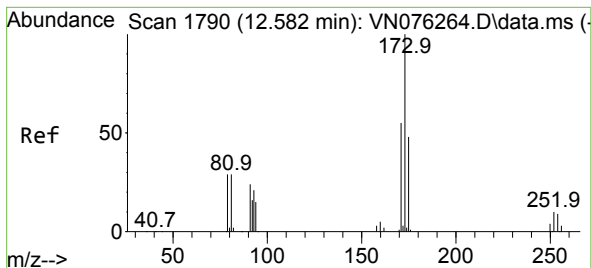
Tgt Ion: 95 Resp: 229087
Ion Ratio Lower Upper
95 100
174 83.6 0.0 174.6
176 81.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 117 Resp: 546837
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.7 26.9 40.3





#71

Bromoform

Concen: 0.491 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN076382.D

Acq: 24 Jan 2023 15:05

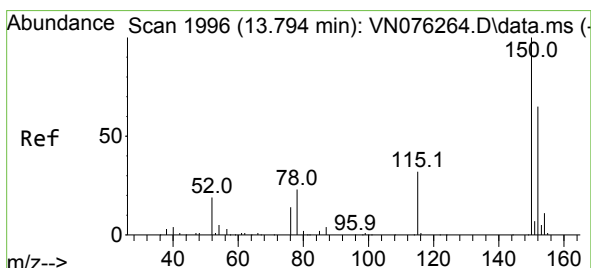
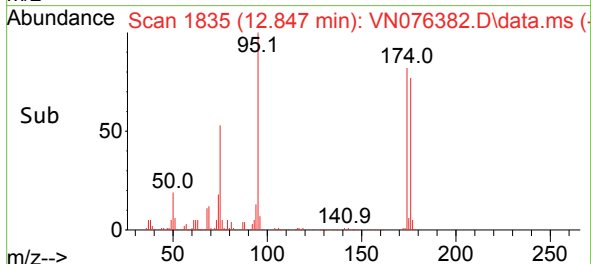
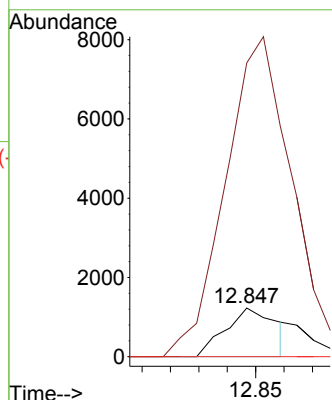
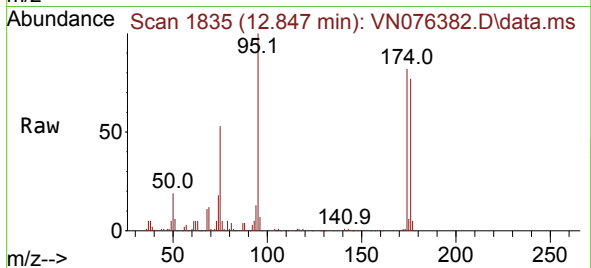
Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

Tgt Ion:173	Resp:	1524
Ion Ratio	Lower	Upper
173	100	
175	705.8	24.1 72.4#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

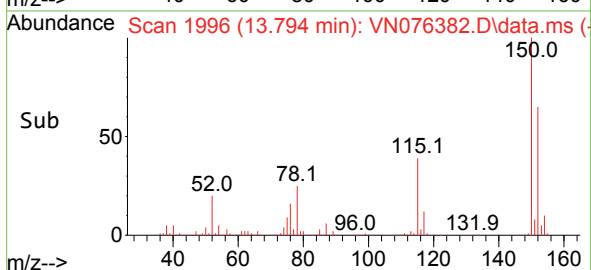
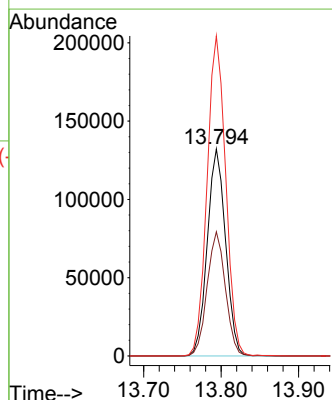
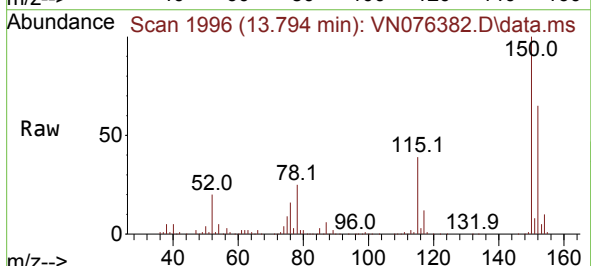
RT: 13.794 min Scan# 1996

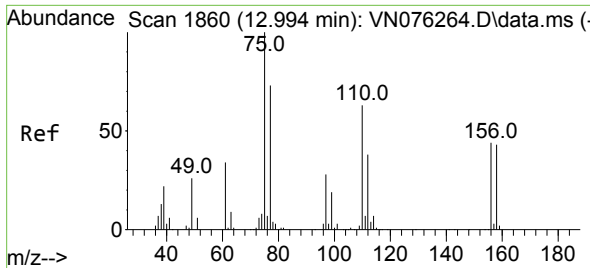
Delta R.T. -0.000 min

Lab File: VN076382.D

Acq: 24 Jan 2023 15:05

Tgt Ion:152	Resp:	217371
Ion Ratio	Lower	Upper
152	100	
115	59.8	29.6 88.9
150	156.9	0.0 351.4

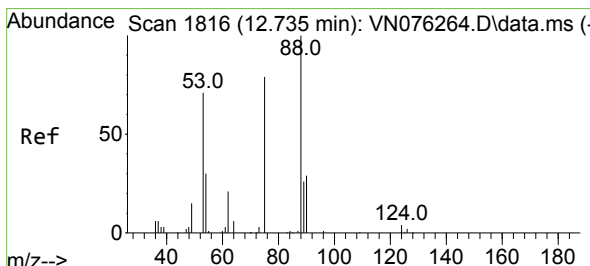
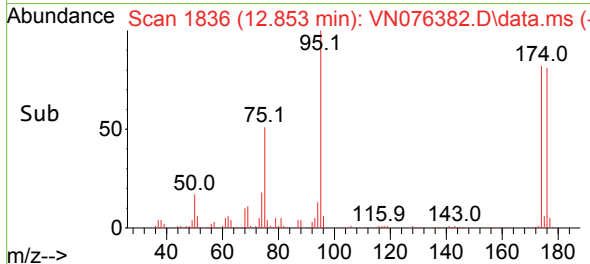
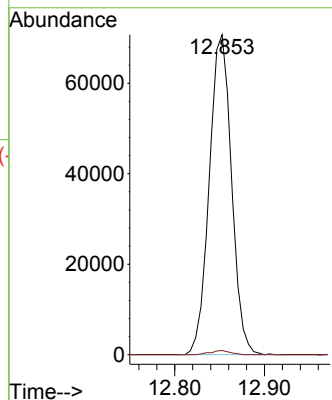
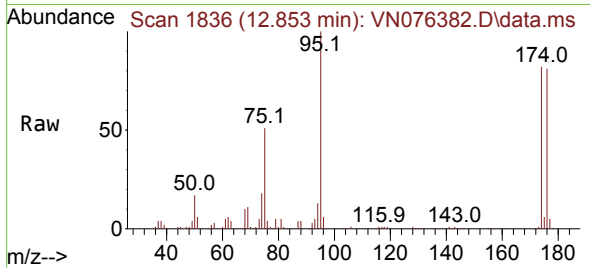




#76
1,2,3-Trichloropropane
Concen: 30.370 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

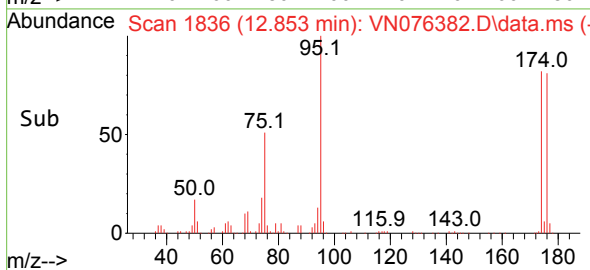
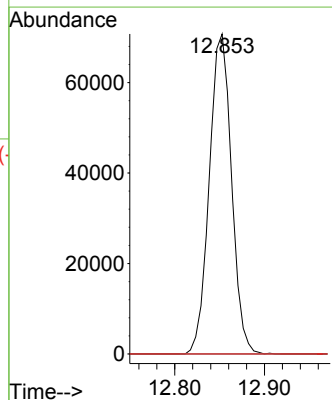
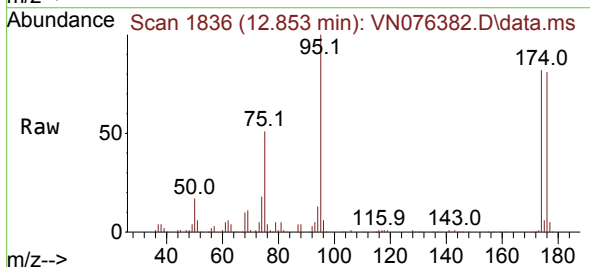
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

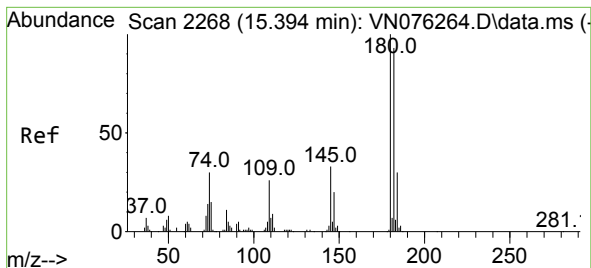
Tgt Ion: 75 Resp: 121738
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.182 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076382.D
Acq: 24 Jan 2023 15:05

Tgt Ion: 75 Resp: 121738
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: 1.343 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076382.D

Acq: 24 Jan 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

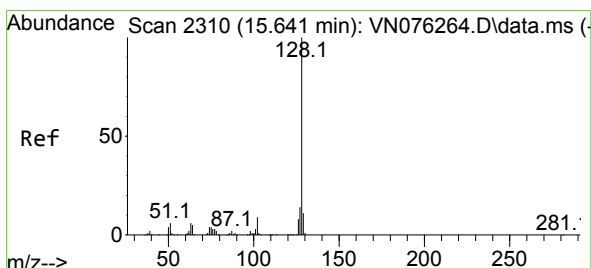
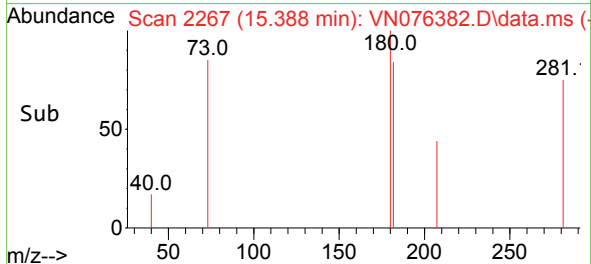
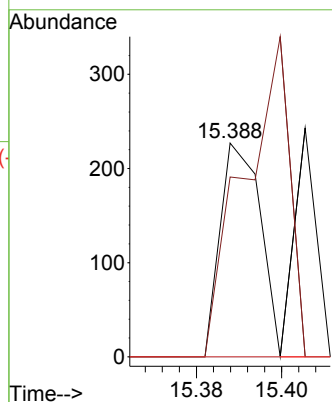
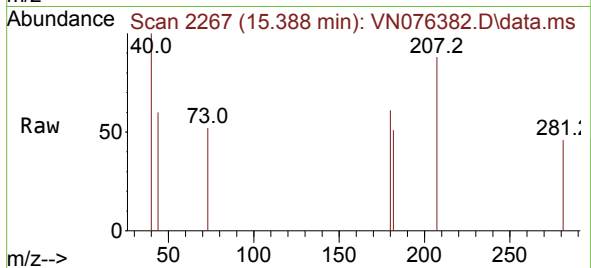
Tgt Ion:180 Resp: 149

Ion Ratio Lower Upper

180 100

182 170.5 47.0 141.2#

145 0.0 15.2 45.5#



#95

Naphthalene

Concen: 1.964 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076382.D

Acq: 24 Jan 2023 15:05

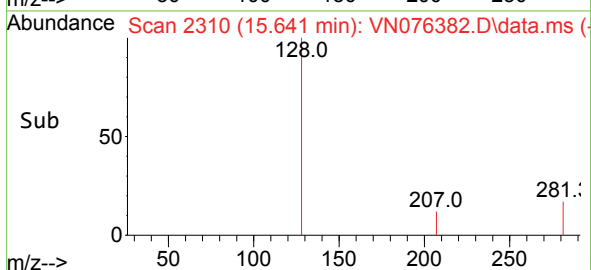
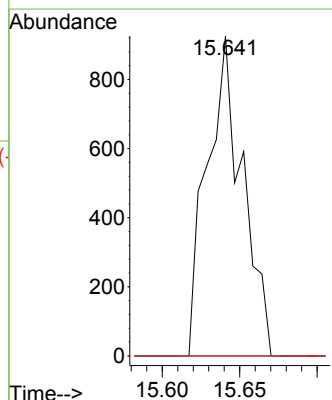
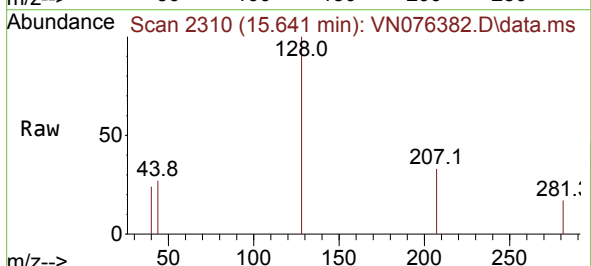
Tgt Ion:128 Resp: 1472

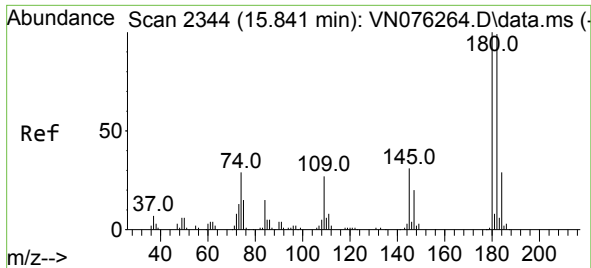
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

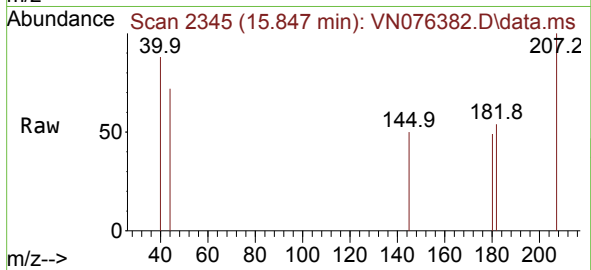
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.189 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076382.D
 Acq: 24 Jan 2023 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I



Tgt Ion:180 Resp: 129
 Ion Ratio Lower Upper
 180 100
 182 207.0 47.5 142.5#
 145 107.0 15.9 47.6#

