

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081225.D
 Acq On : 27 Feb 2024 17:36
 Operator : JC\MD
 Sample : P1590-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB06-20240222

Quant Time: Feb 28 04:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

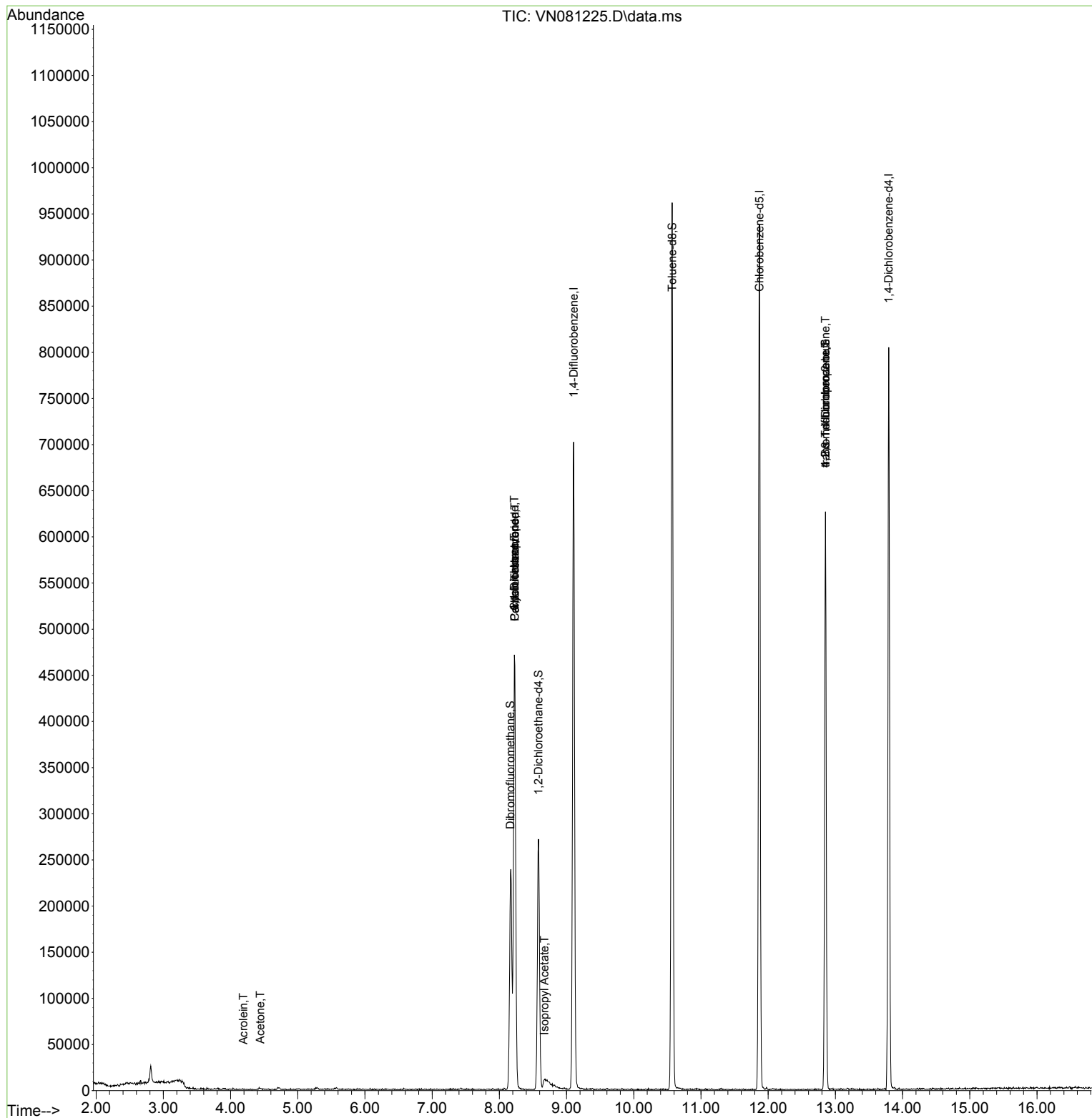
Internal Standards						
1) Pentafluorobenzene	8.230	168	314045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	518438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214567	55.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.480%
35) Dibromofluoromethane	8.165	113	170873	51.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	653331	55.259	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.520%
62) 4-Bromofluorobenzene	12.853	95	208858	47.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1246	Below Cal		89
6) Chloroethane	3.118	64	145	Below Cal	#	42
13) Acrolein	4.189	56	454	1.197	ug/l #	66
16) Acetone	4.442	43	2966	1.958	ug/l #	74
20) Methylene Chloride	5.271	84	586	Below Cal	#	23
31) Cyclohexane	8.224	56	8668	1.304	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28850	5.059	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37912	6.571	ug/l #	18
43) Isopropyl Acetate	8.671	43	6908	0.767	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	115155	25.483	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115155	65.591	ug/l #	14

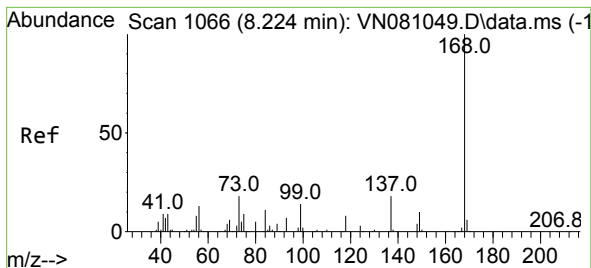
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

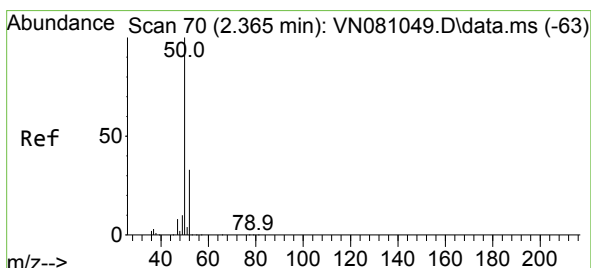
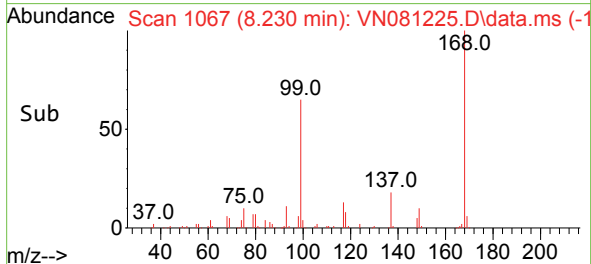
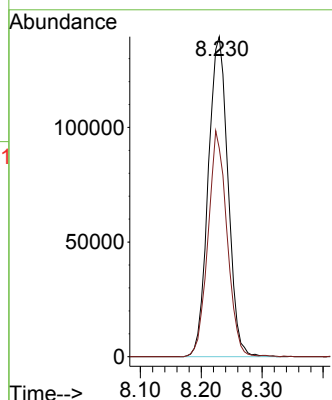
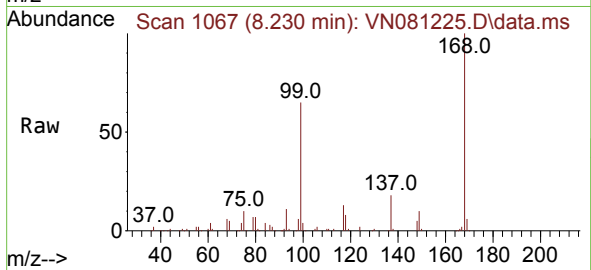
TB06-20240222

Tgt Ion:168 Resp: 314045

Ion Ratio Lower Upper

168 100

99 65.1 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN081225.D

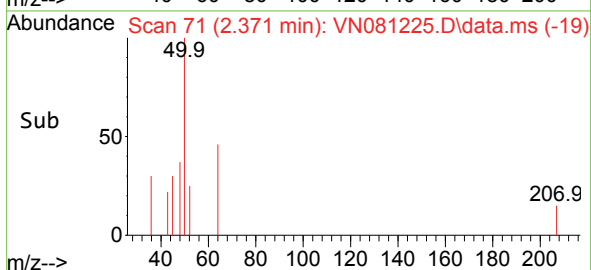
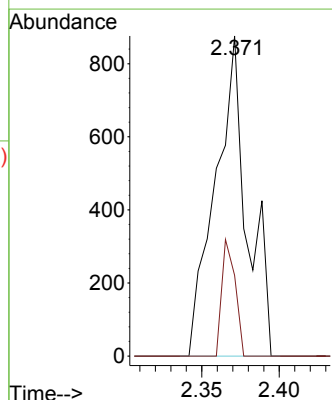
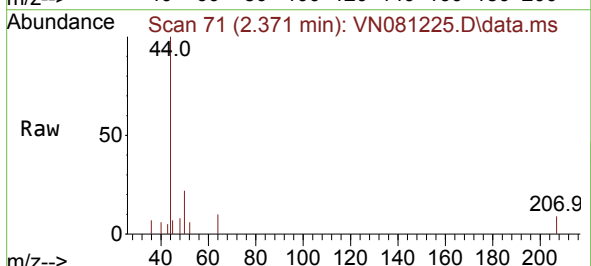
Acq: 27 Feb 2024 17:36

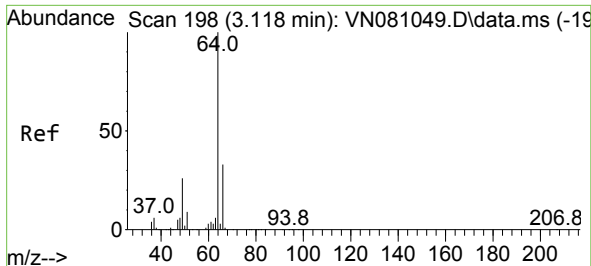
Tgt Ion: 50 Resp: 1246

Ion Ratio Lower Upper

50 100

52 25.2 25.0 37.4

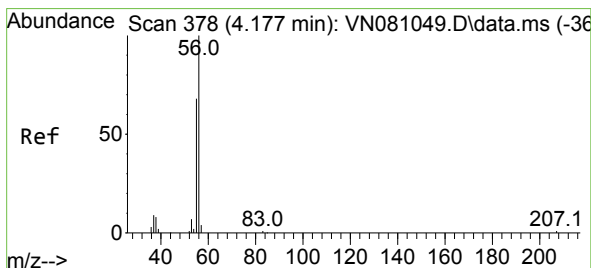
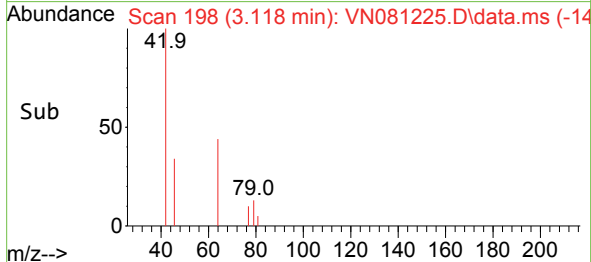
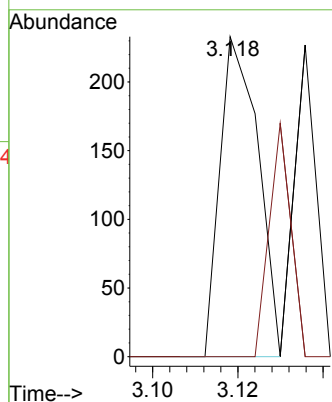
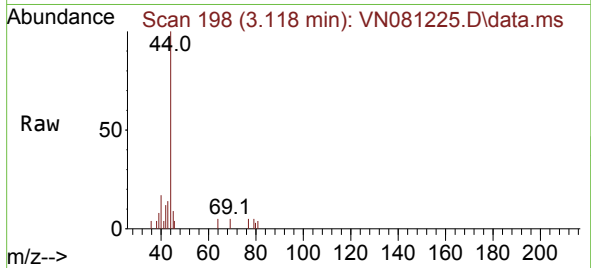




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

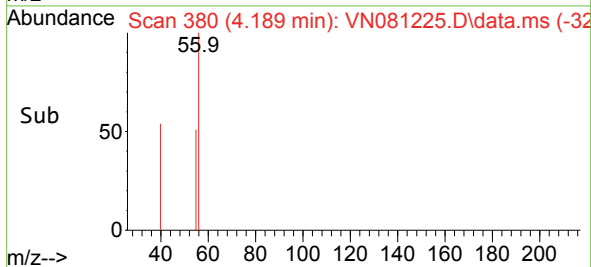
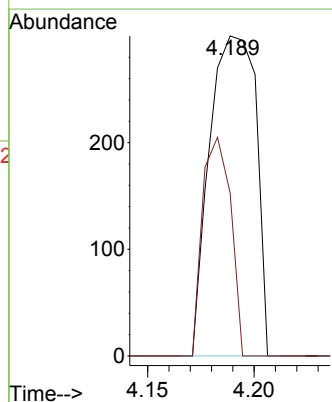
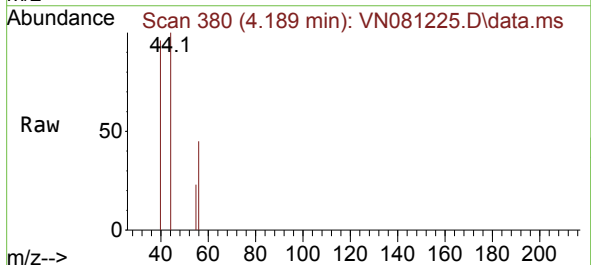
Instrument :
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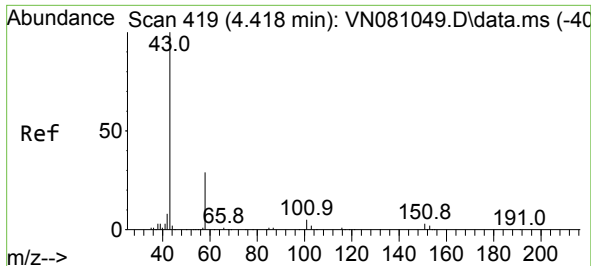
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.197 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 56 Resp: 454
Ion Ratio Lower Upper
56 100
55 41.6 55.3 82.9#

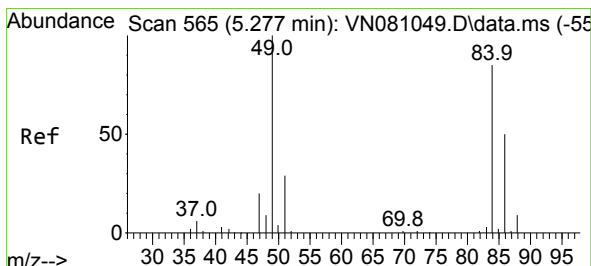
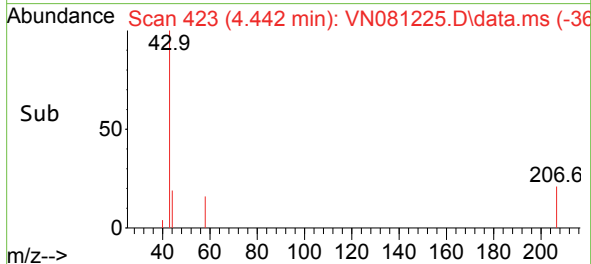
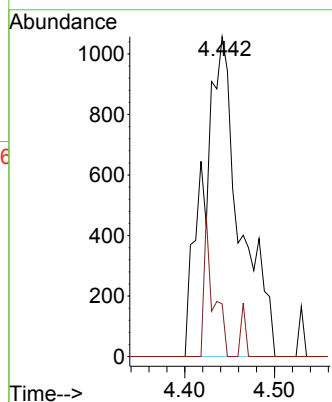
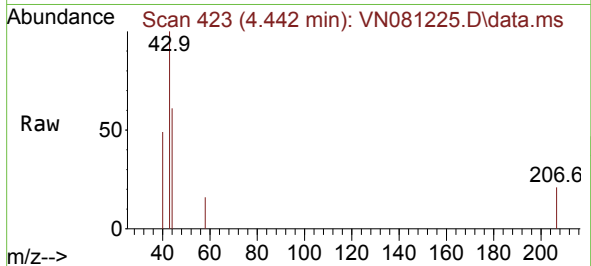




#16
Acetone
Concen: 1.958 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

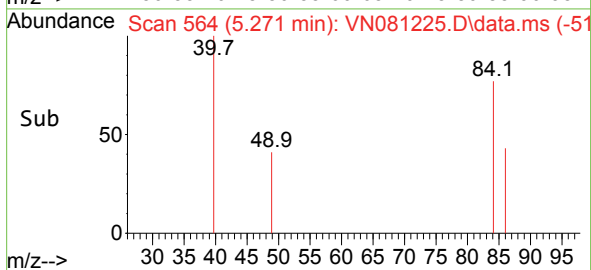
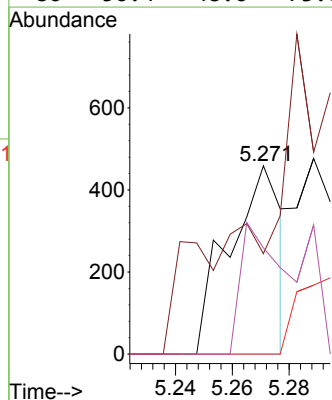
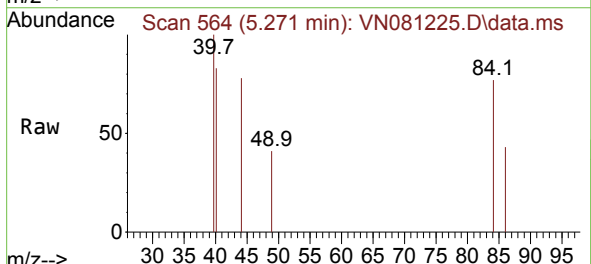
Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

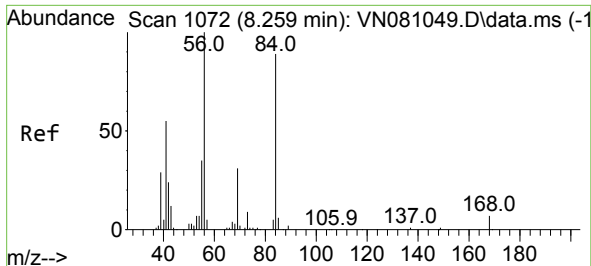
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 16.5 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

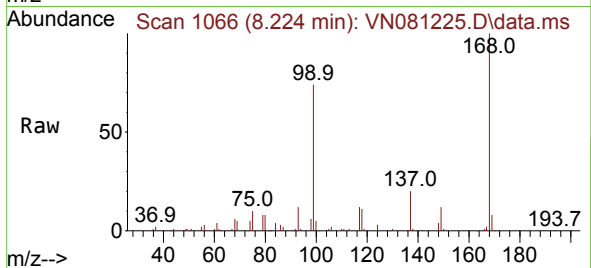
Tgt Ion: 84 Resp: 586
Ion Ratio Lower Upper
84 100
49 0.0 108.1 162.1#
51 0.0 32.9 49.3#
86 56.4 48.6 73.0



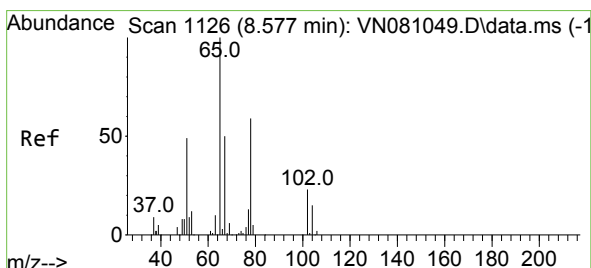
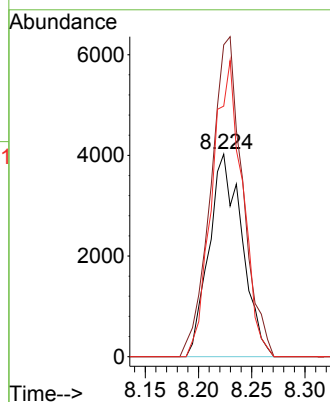
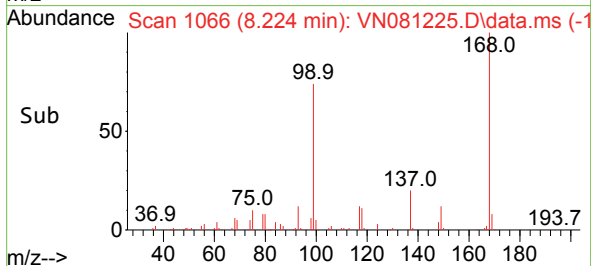


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

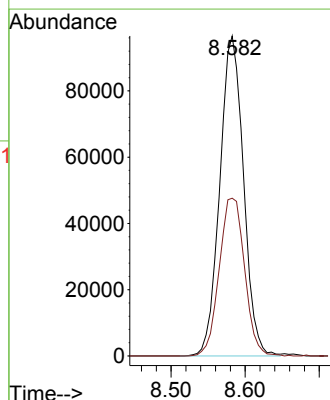
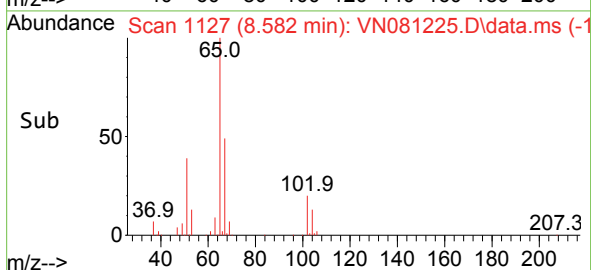
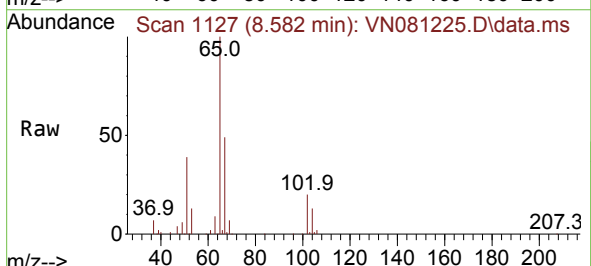


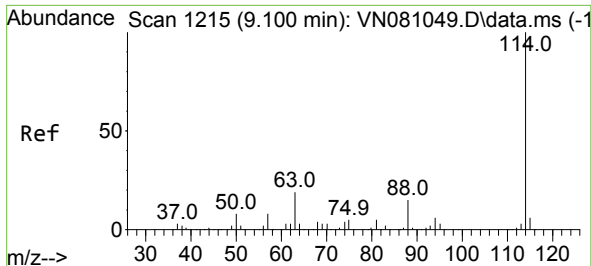
Tgt Ion: 56 Resp: 8668
Ion Ratio Lower Upper
56 100
69 153.9 20.1 30.1#
84 123.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.742 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 65 Resp: 214567
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

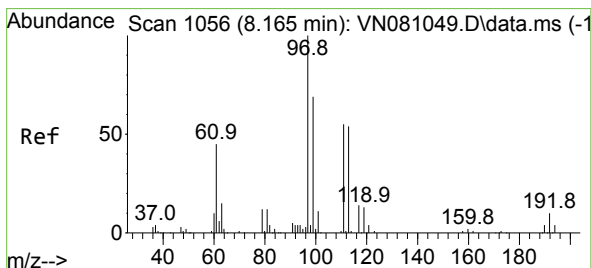
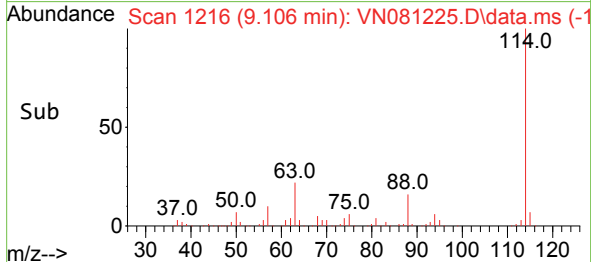
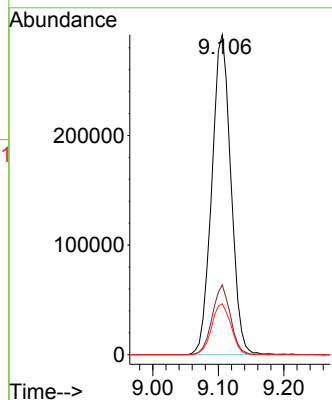
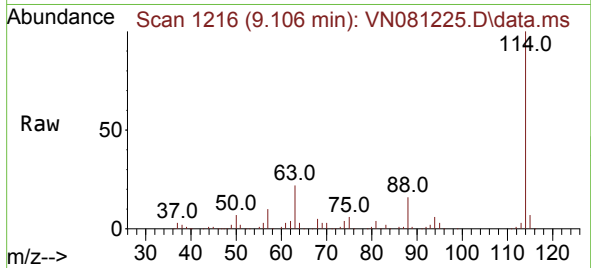




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

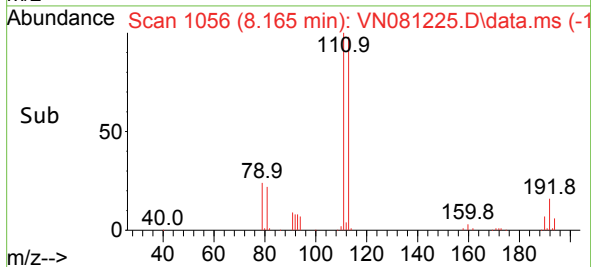
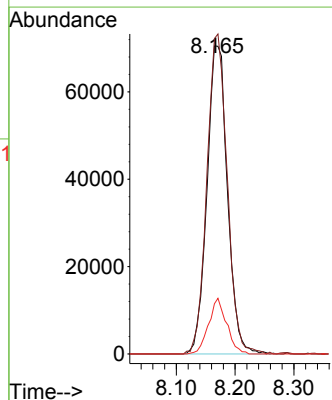
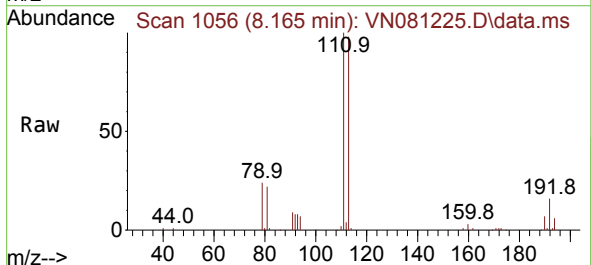
Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

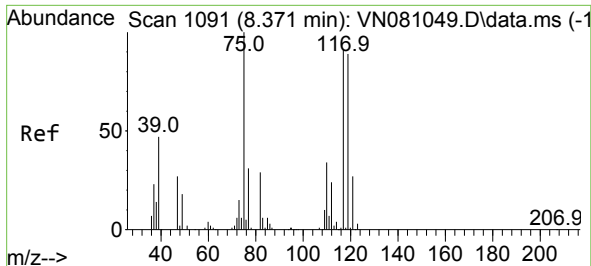
Tgt Ion:114 Resp: 588686
Ion Ratio Lower Upper
114 100
63 21.8 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion:113 Resp: 170873
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

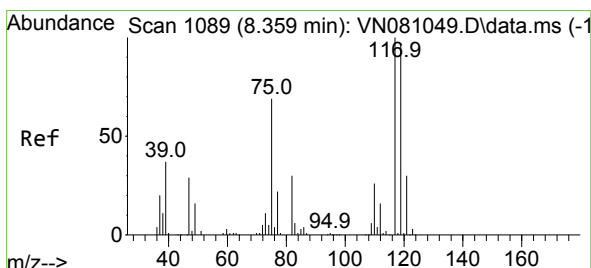
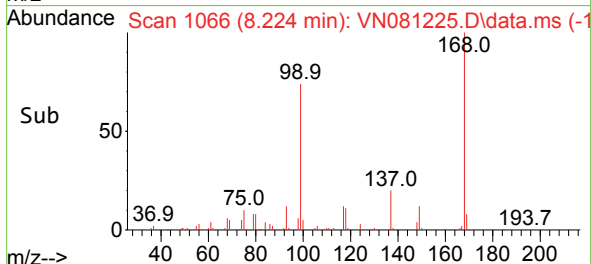
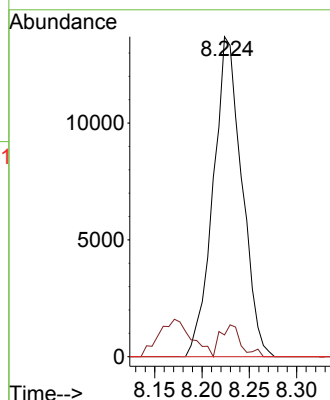
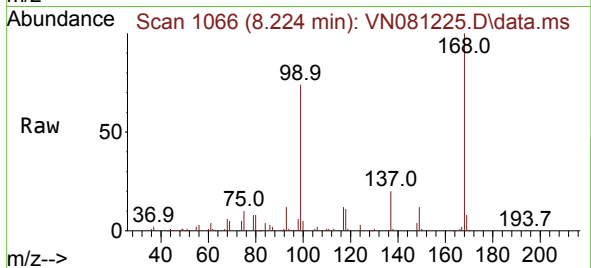
Instrument :

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ClientSampleId :

TB06-20240222

Tgt Ion:	75	Resp:	28850
Ion Ratio	Lower	Upper	
75	100		
110	7.1	16.0	48.0#
77	0.0	25.8	38.6#



#38

Carbon Tetrachloride

Concen: 6.571 ug/l

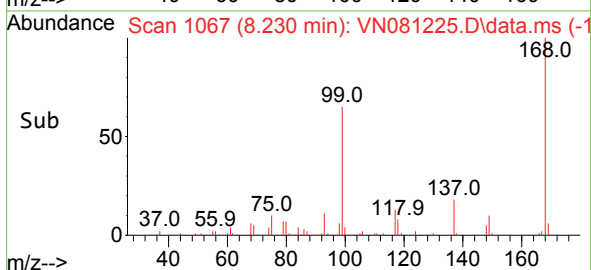
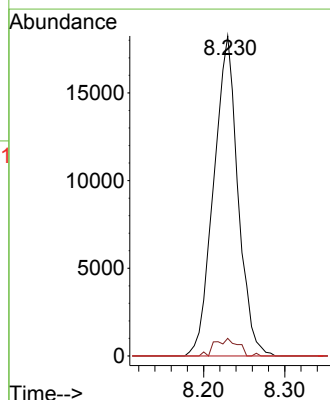
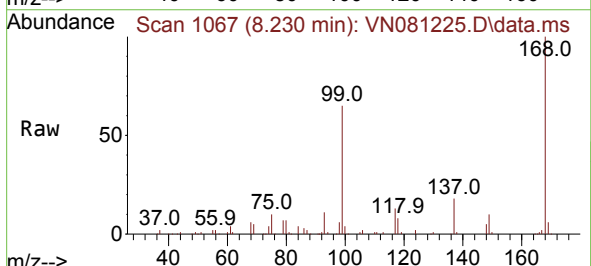
RT: 8.230 min Scan# 1067

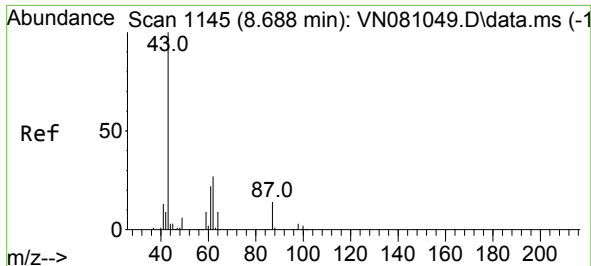
Delta R.T. -0.129 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

Tgt Ion:	117	Resp:	37912
Ion Ratio	Lower	Upper	
117	100		
119	5.5	73.4	110.2#
121	0.0	24.4	36.6#

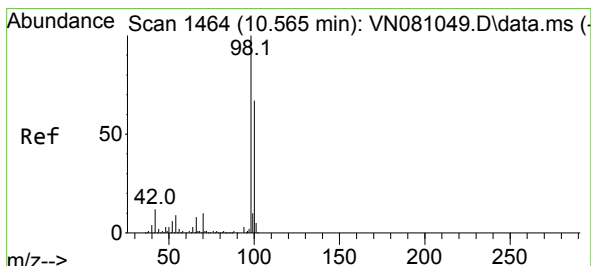
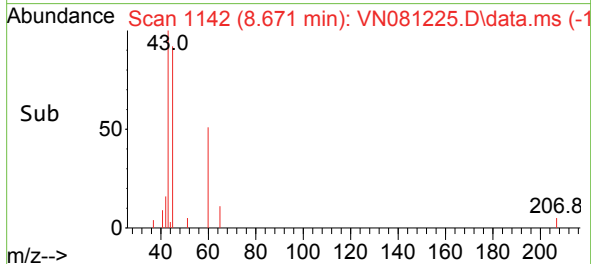
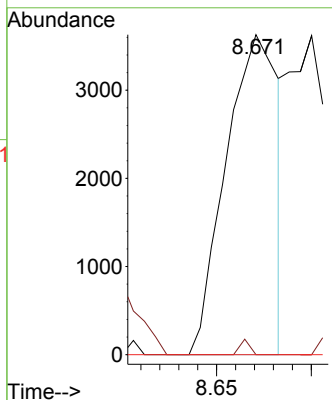
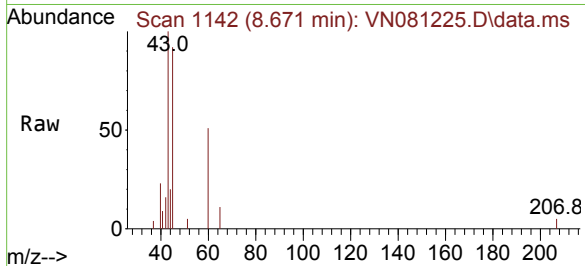




#43
Isopropyl Acetate
Concen: 0.767 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

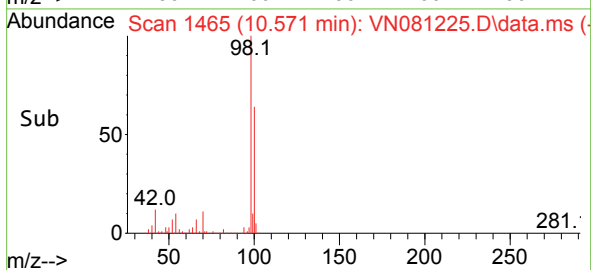
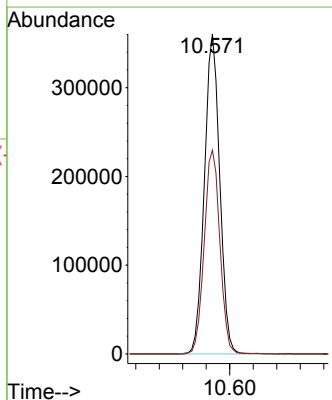
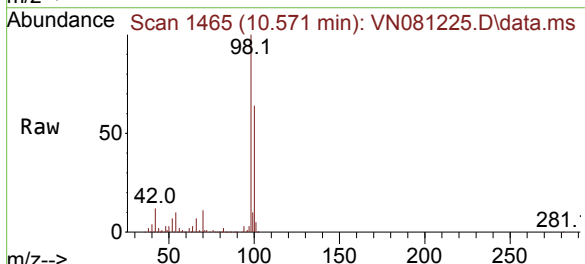
Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

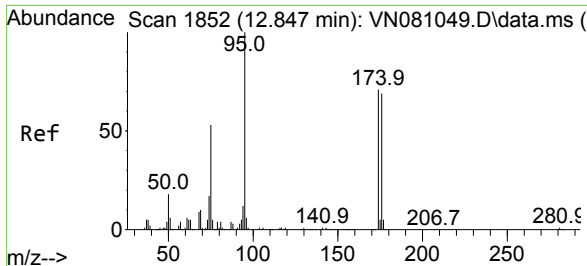
Tgt Ion: 43 Resp: 6908
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 55.259 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 98 Resp: 653331
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

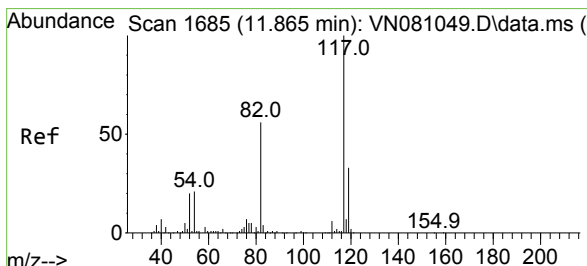
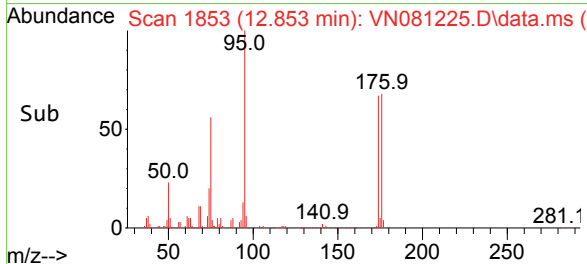
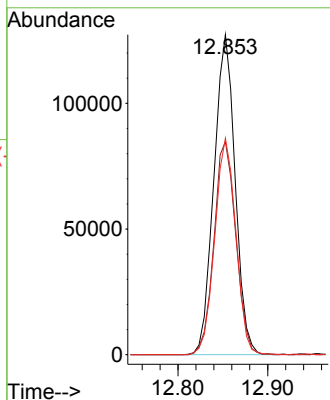
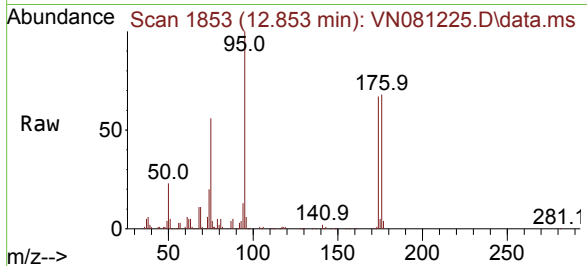




#62
4-Bromofluorobenzene
Concen: 47.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

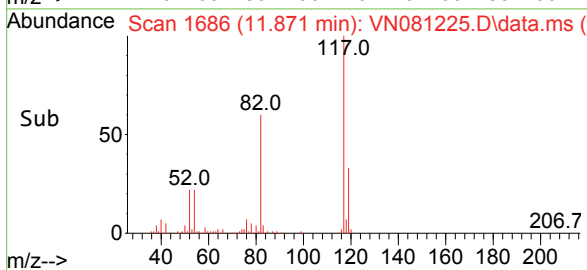
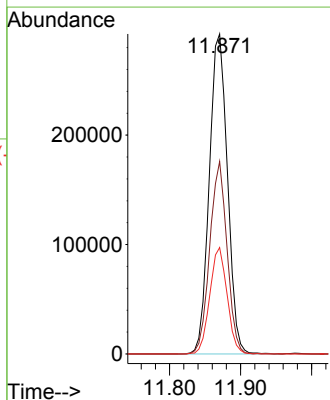
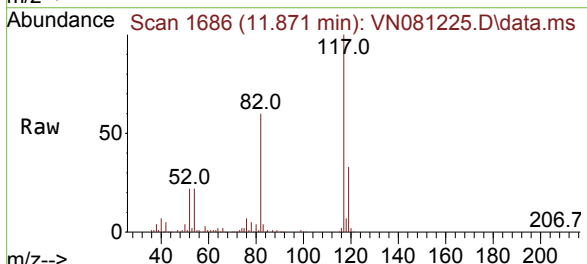
Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

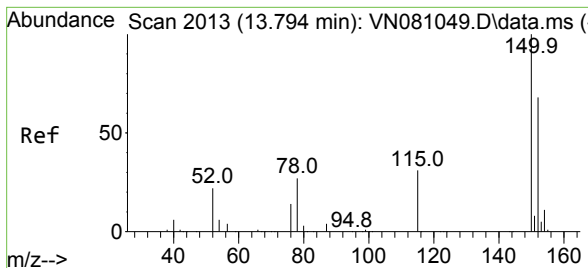
Tgt Ion: 95 Resp: 208858
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 67.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Tgt Ion: 117 Resp: 518438
Ion Ratio Lower Upper
117 100
82 60.2 52.7 79.1
119 33.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081225.D

Acq: 27 Feb 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

TB06-20240222

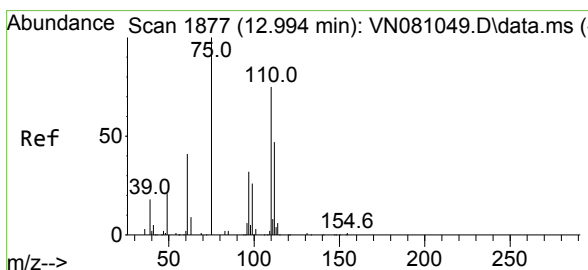
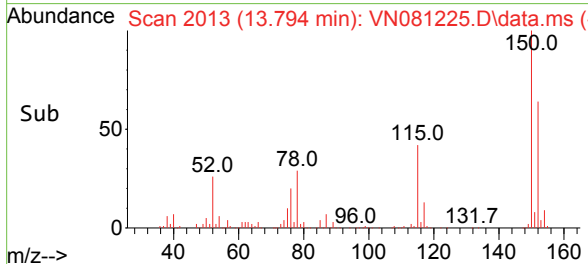
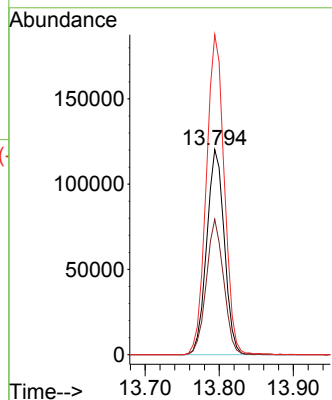
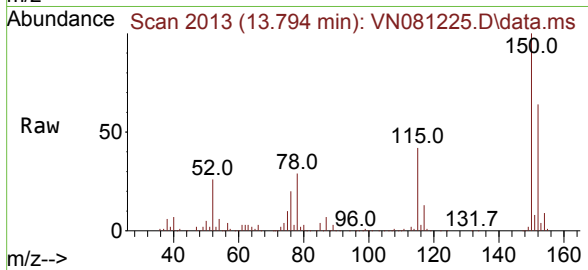
Tgt Ion:152 Resp: 198891

Ion Ratio Lower Upper

152 100

115 64.9 32.3 96.8

150 158.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 25.483 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081225.D

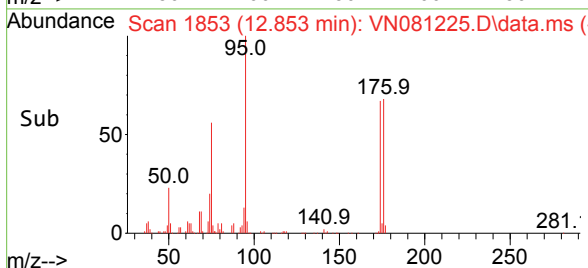
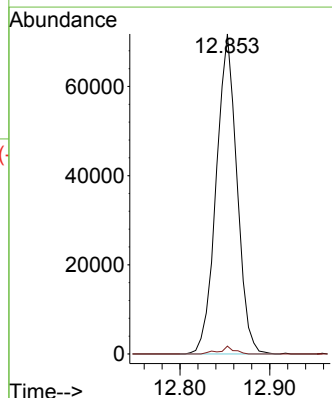
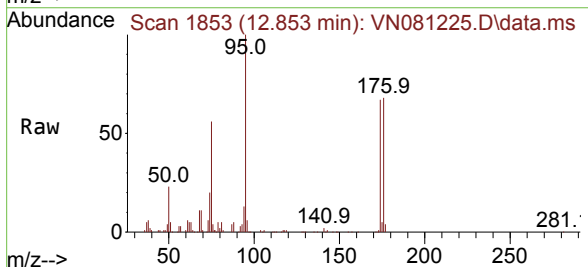
Acq: 27 Feb 2024 17:36

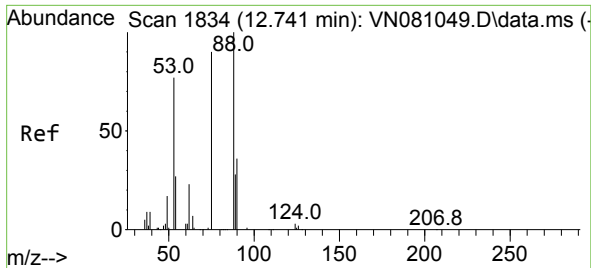
Tgt Ion: 75 Resp: 115155

Ion Ratio Lower Upper

75 100

77 1.7 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.591 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081225.D
Acq: 27 Feb 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
TB06-20240222

Tgt Ion: 75 Resp: 115155
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

