

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081369.D
 Acq On : 12 Mar 2024 11:21
 Operator : JC\MD
 Sample : VN0312WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBL01

Quant Time: Mar 13 04:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

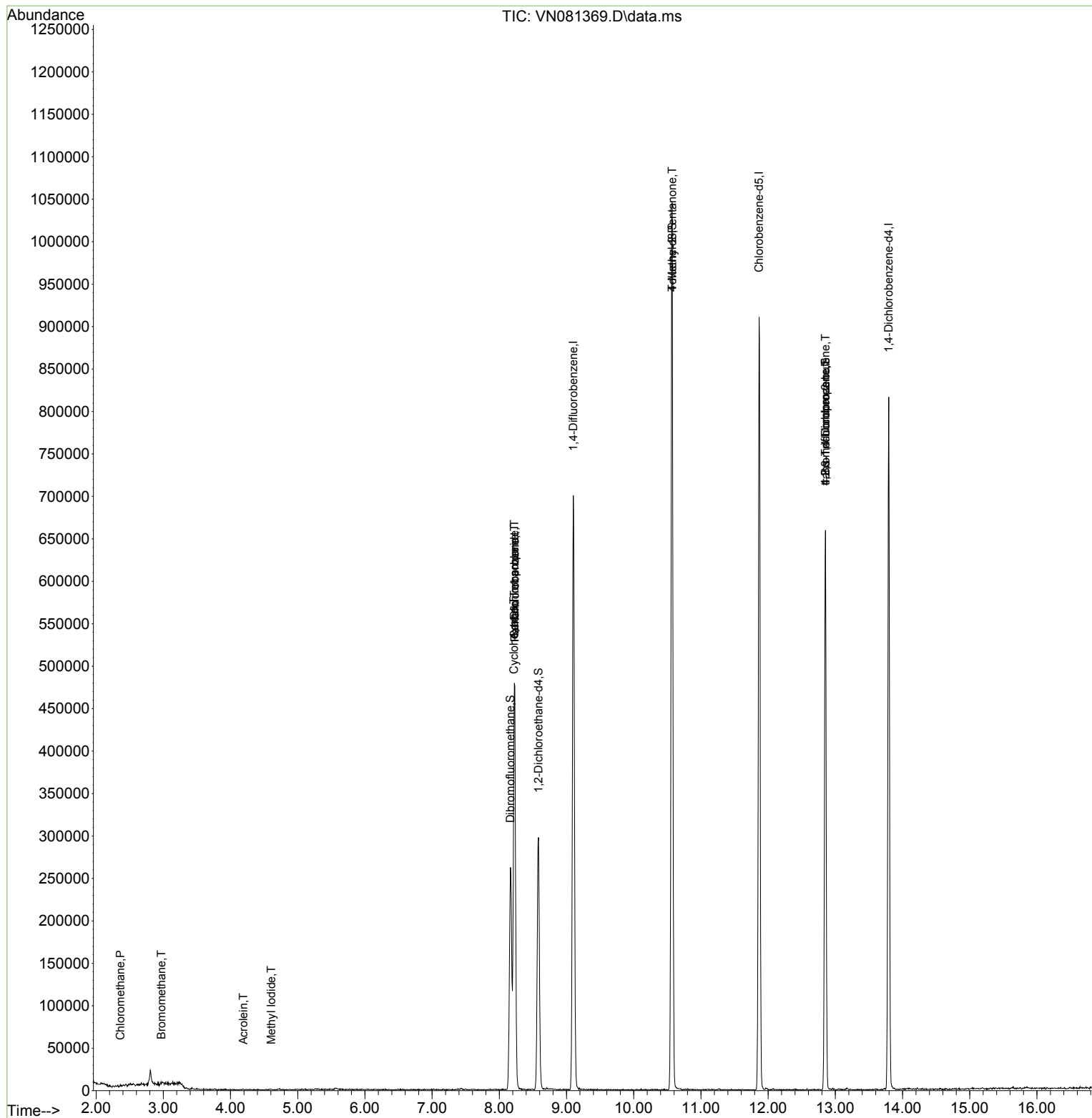
Internal Standards						
1) Pentafluorobenzene	8.230	168	332196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	596612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	508676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	244001	50.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.600%	
35) Dibromofluoromethane	8.165	113	190143	52.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.040%	
50) Toluene-d8	10.571	98	713928	52.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	12.853	95	226383	46.876	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.760%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1111	0.234	ug/l	96
5) Bromomethane	2.971	94	1009	0.304	ug/l #	14
10) Methyl Iodide	4.606	142	1365	0.357	ug/l #	39
13) Acrolein	4.189	56	383	0.385	ug/l	98
20) Methylene Chloride	5.283	84	410	Below Cal	#	66
31) Cyclohexane	8.218	56	8678	1.193	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	30250	5.130	ug/l #	52
38) Carbon Tetrachloride	8.224	117	38322	6.457	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	3871	0.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	124107	26.426	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	124107	73.751	ug/l #	14

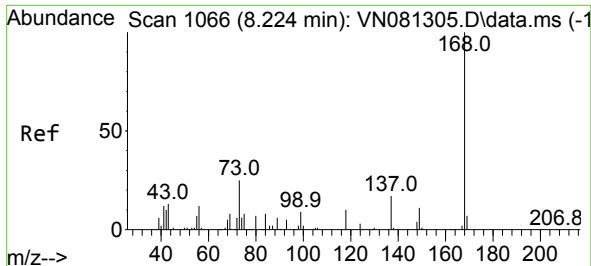
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
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Quant Time: Mar 13 04:49:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

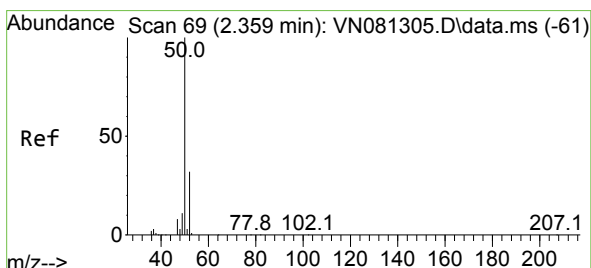
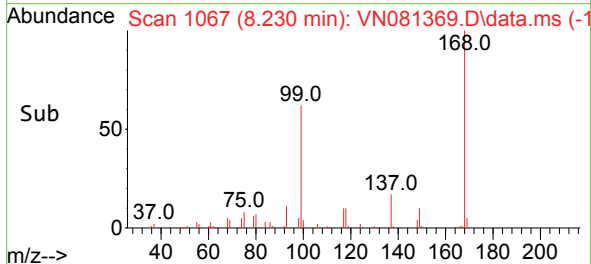
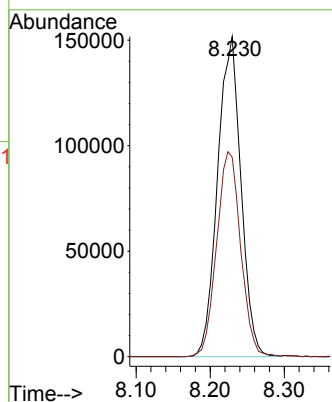
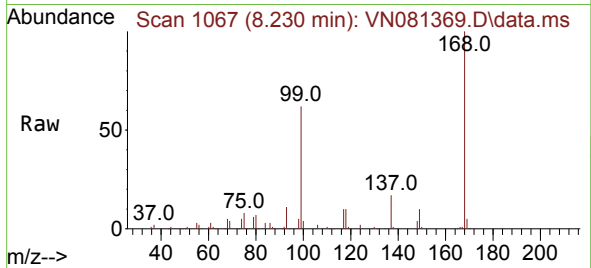




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

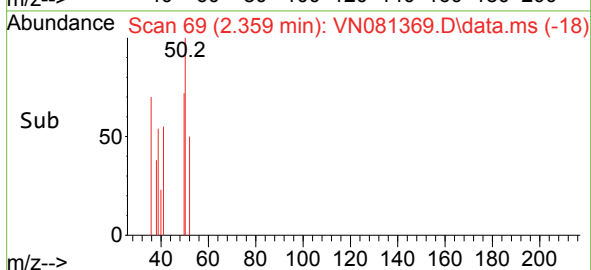
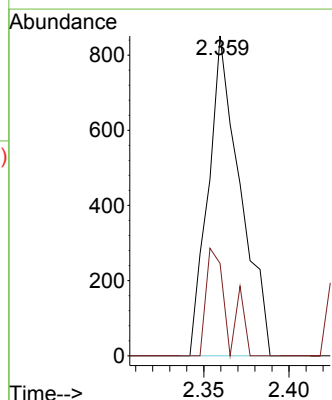
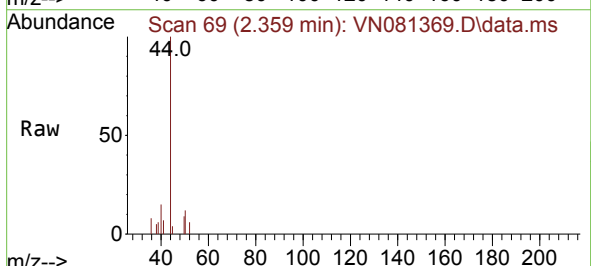
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

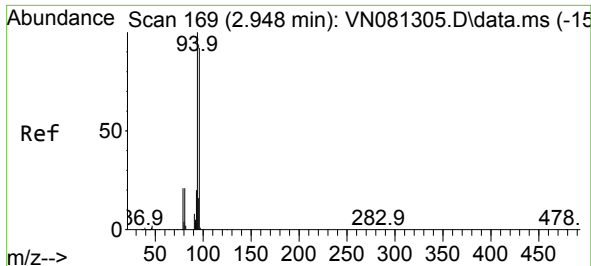
Tgt Ion:168 Resp: 332196
Ion Ratio Lower Upper
168 100
99 62.3 59.9 89.9



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 50 Resp: 1111
Ion Ratio Lower Upper
50 100
52 28.9 25.0 37.4

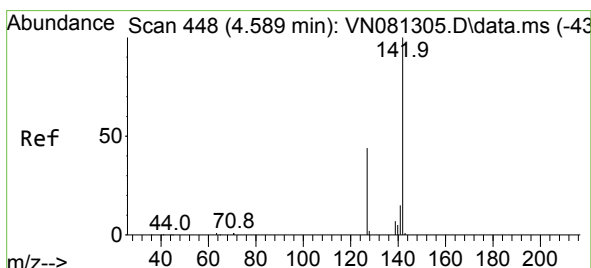
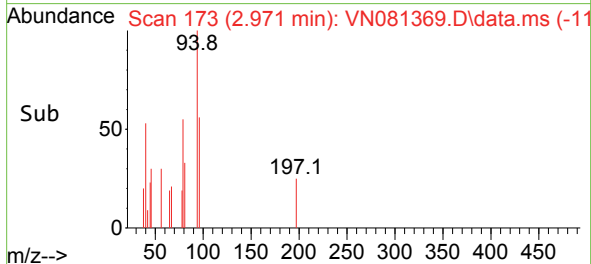
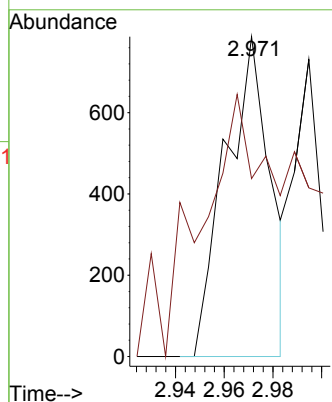
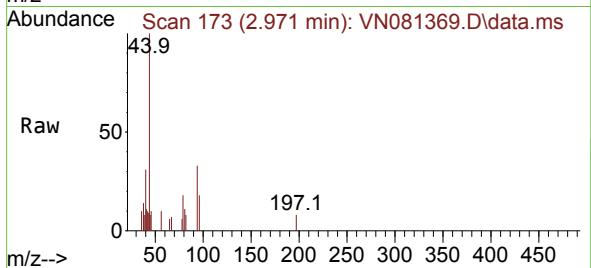




#5
Bromomethane
Concen: 0.304 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

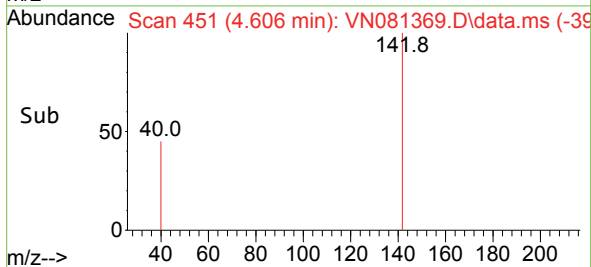
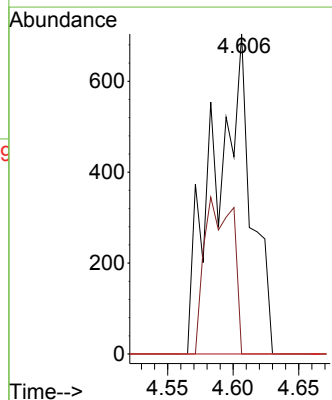
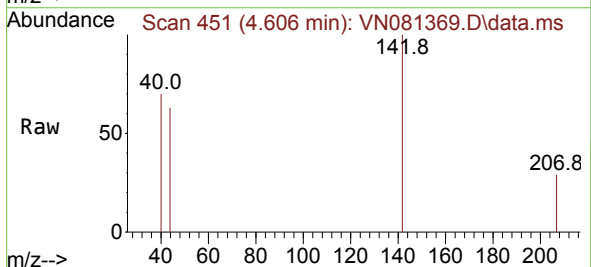
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

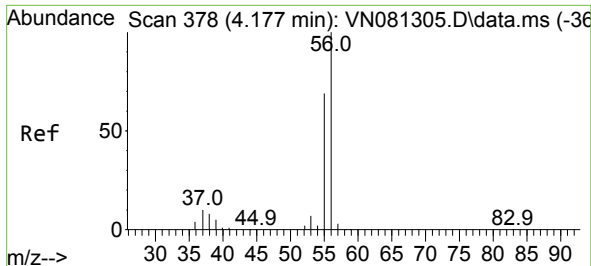
Tgt Ion: 94 Resp: 1009
Ion Ratio Lower Upper
94 100
96 7.5 69.2 103.8#



#10
Methyl Iodide
Concen: 0.357 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 142 Resp: 1365
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#

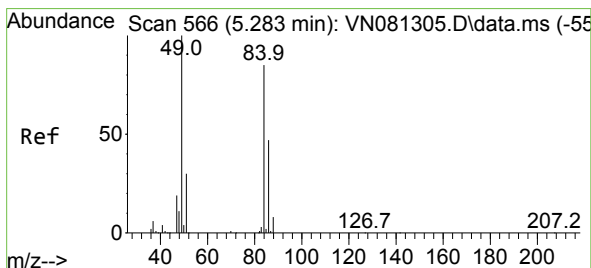
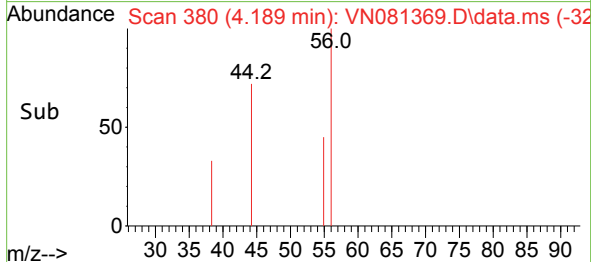
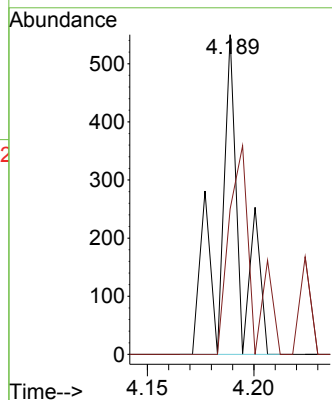
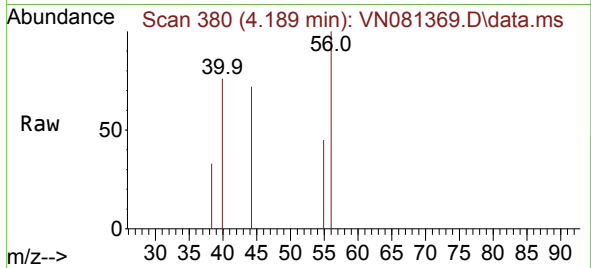




#13
Acrolein
Concen: 0.385 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

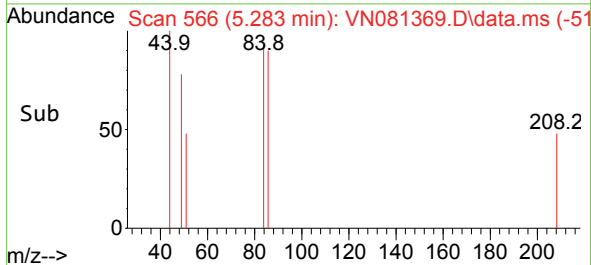
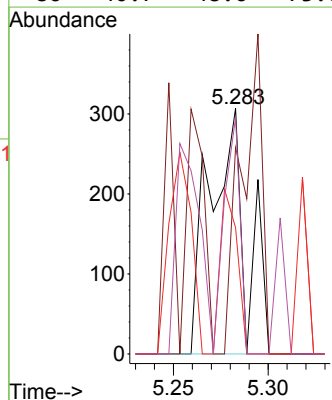
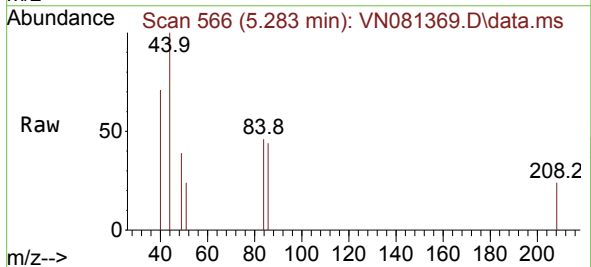
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

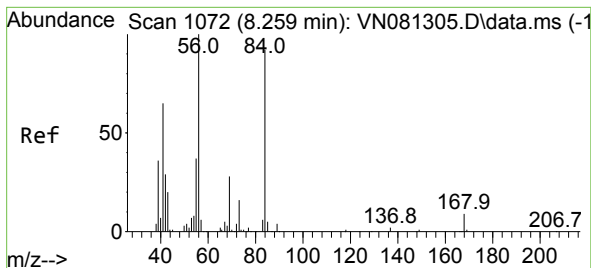
Tgt Ion: 56 Resp: 383
Ion Ratio Lower Upper
56 100
55 71.0 55.3 82.9



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 84.0 108.1 162.1#
51 51.5 32.9 49.3#
86 40.7 48.6 73.0#





#31

Cyclohexane

Concen: 1.193 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN081369.D

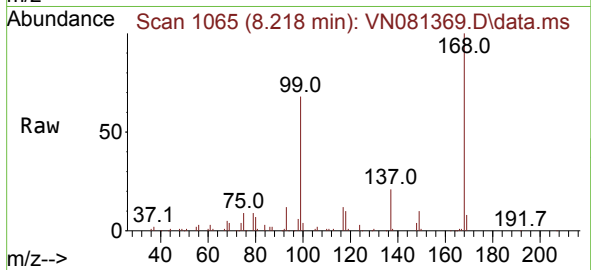
Acq: 12 Mar 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBL01



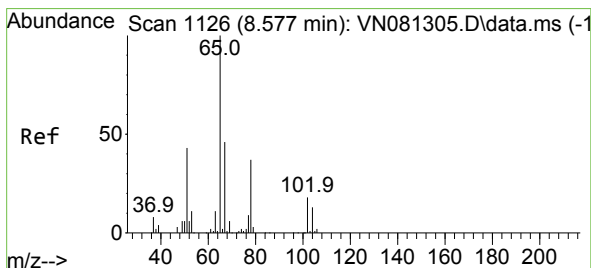
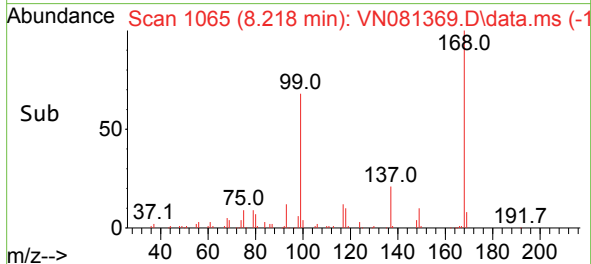
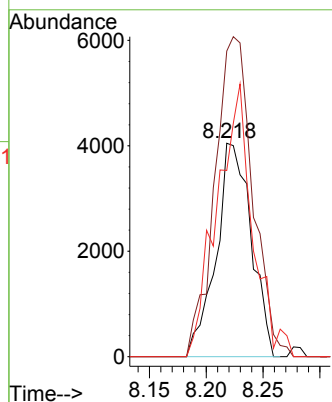
Tgt Ion: 56 Resp: 8678

Ion Ratio Lower Upper

56 100

69 143.1 20.1 30.1#

84 87.2 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 50.800 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081369.D

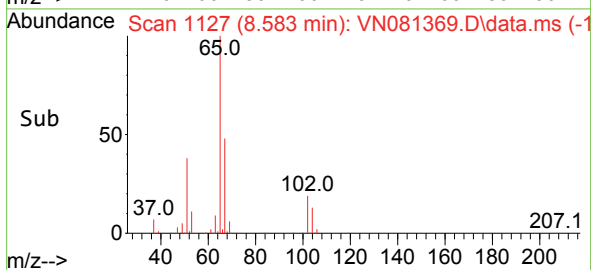
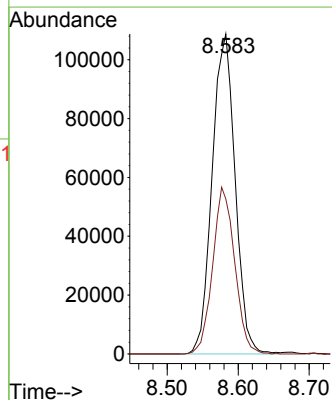
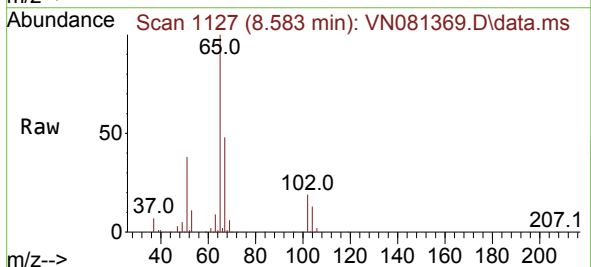
Acq: 12 Mar 2024 11:21

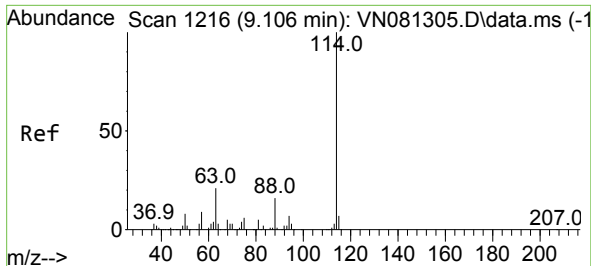
Tgt Ion: 65 Resp: 244001

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4

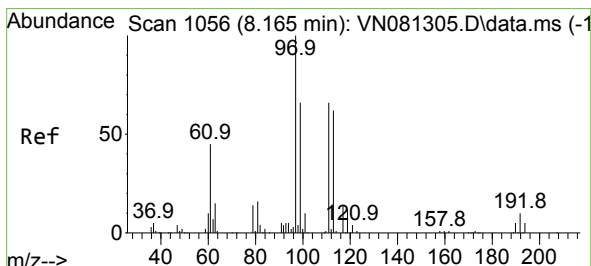
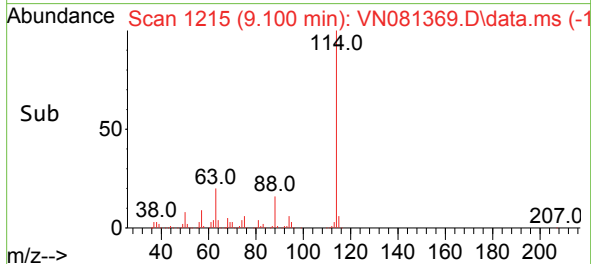
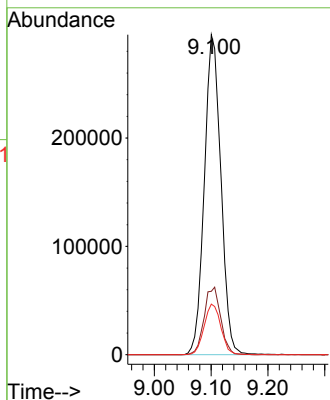
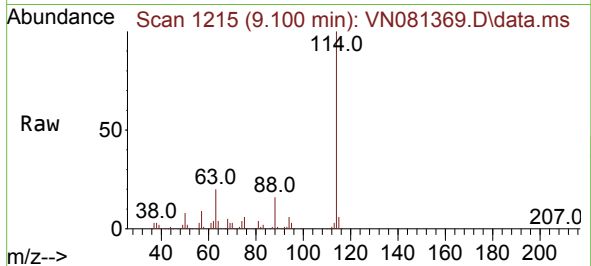




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

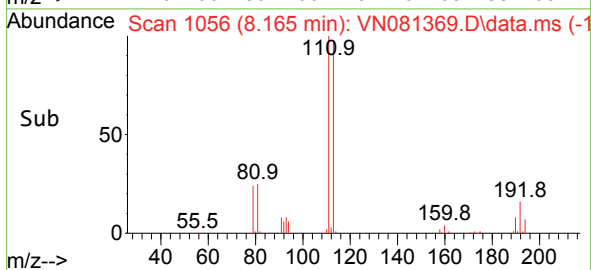
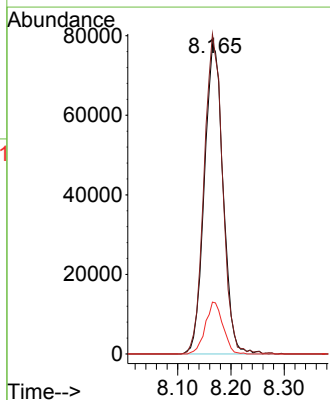
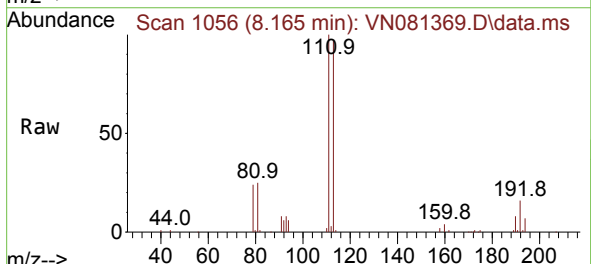
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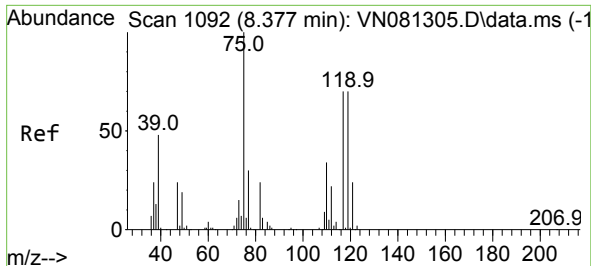
Tgt Ion:114 Resp: 596612
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.019 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion:113 Resp: 190143
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 15.7 12.5 18.7

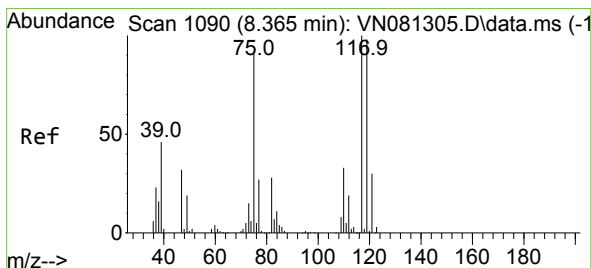
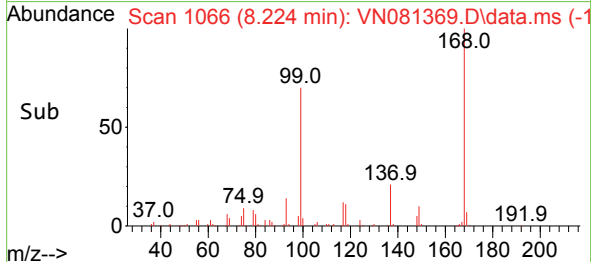
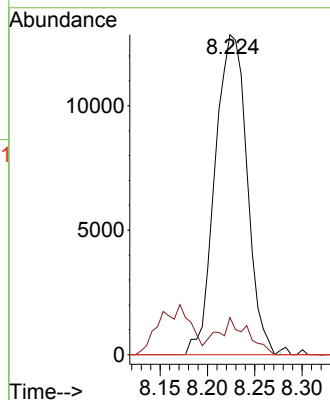
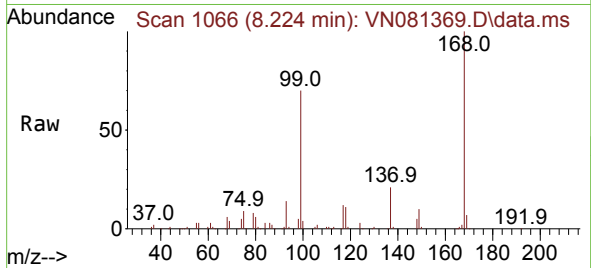




#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

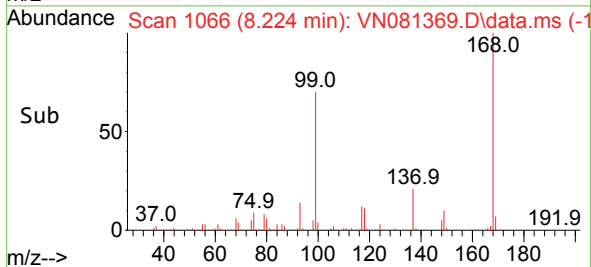
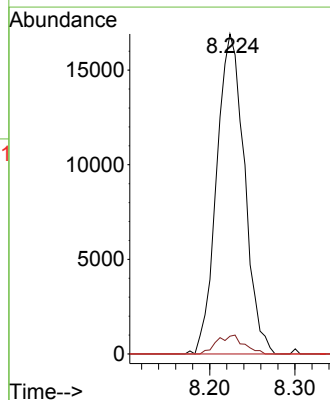
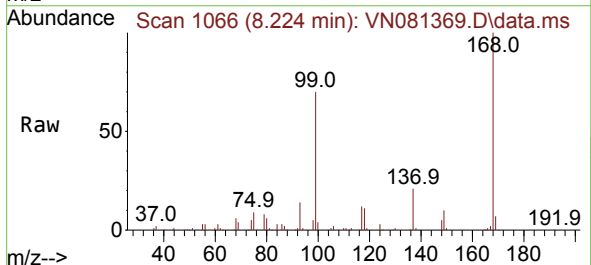
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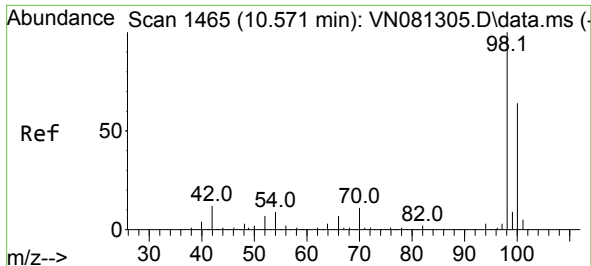
Tgt Ion: 75 Resp: 30250
Ion Ratio Lower Upper
75 100
110 11.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 117 Resp: 38322
Ion Ratio Lower Upper
117 100
119 5.5 73.4 110.2#
121 0.0 24.4 36.6#

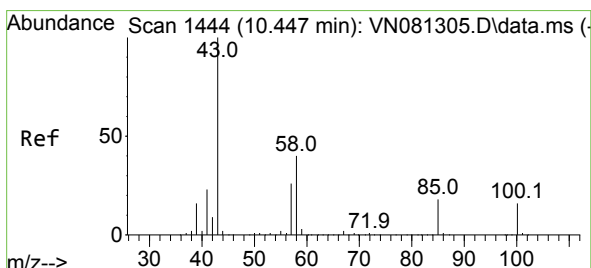
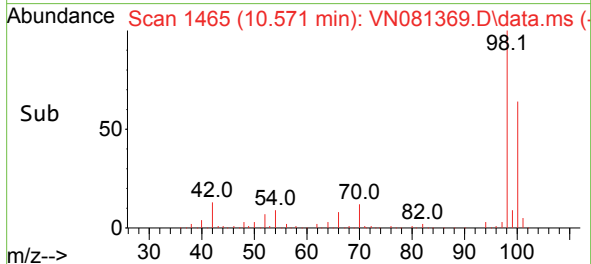
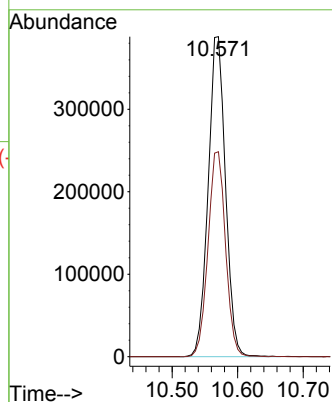
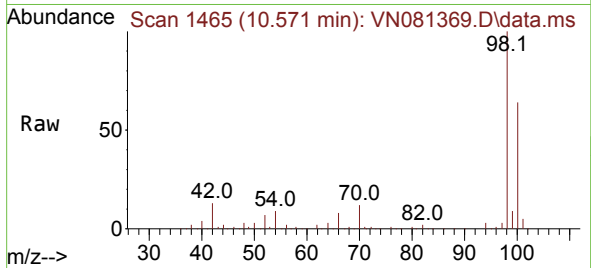




#50
Toluene-d8
Concen: 52.248 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

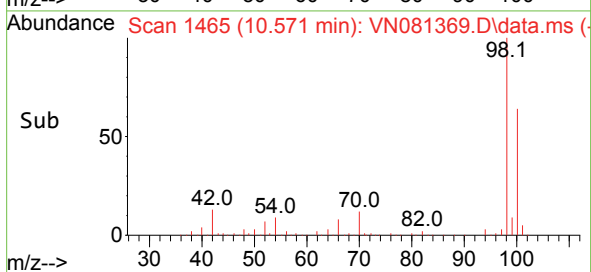
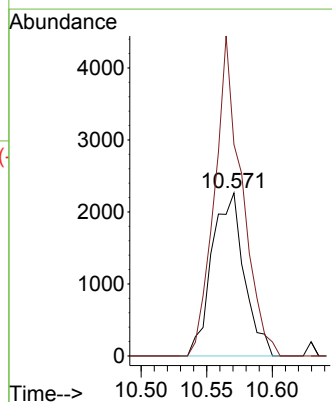
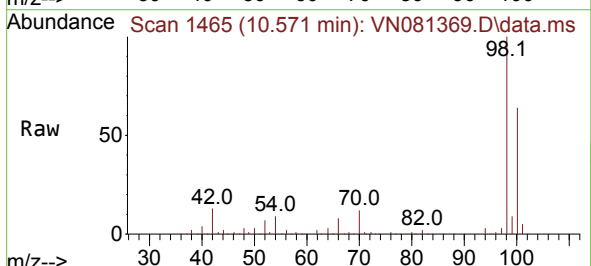
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

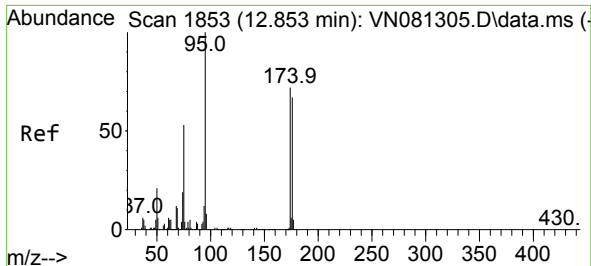
Tgt Ion: 98 Resp: 713928
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 166.1 29.4 44.0#

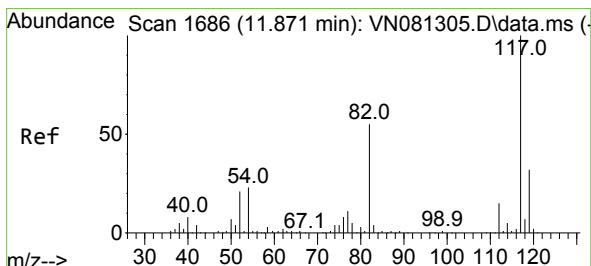
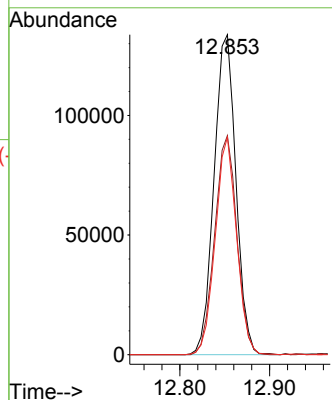
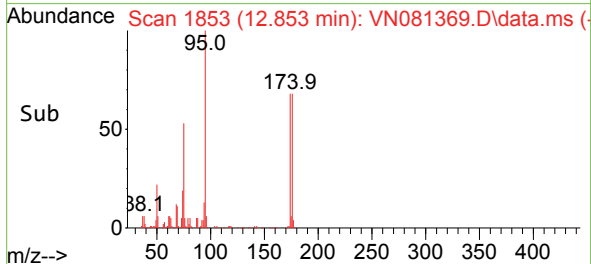
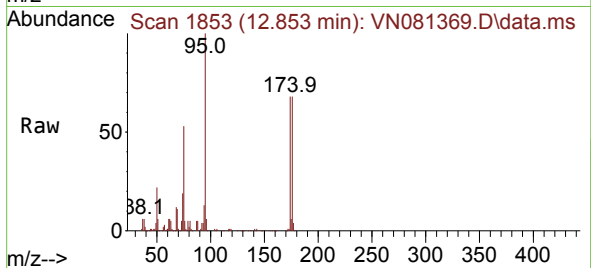




#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

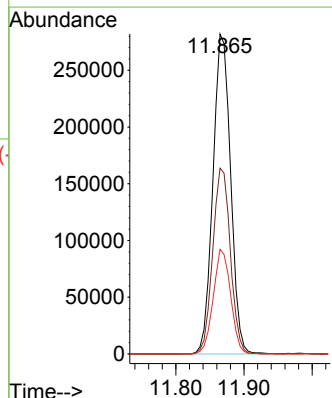
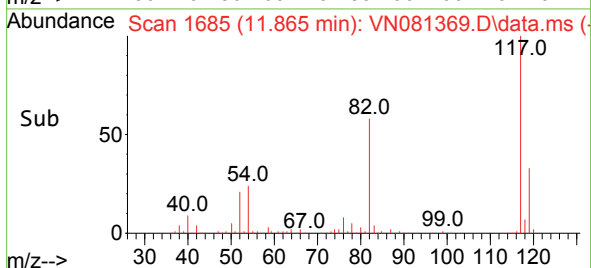
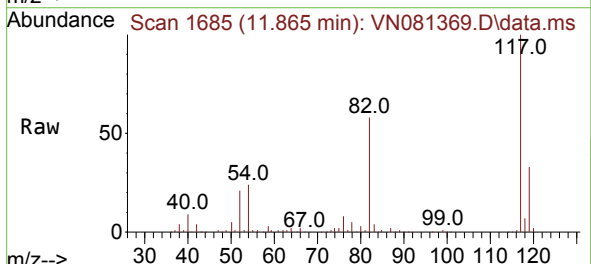
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

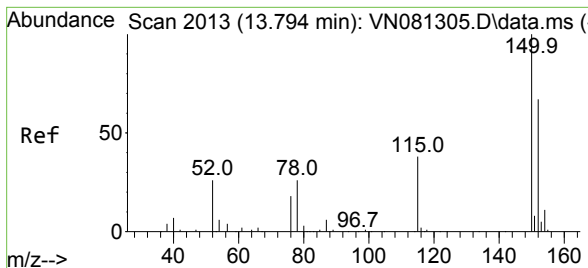
Tgt Ion: 95 Resp: 226383
Ion Ratio Lower Upper
95 100
174 69.5 0.0 120.4
176 66.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Tgt Ion: 117 Resp: 508676
Ion Ratio Lower Upper
117 100
82 58.1 52.7 79.1
119 32.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081369.D

Acq: 12 Mar 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBL01

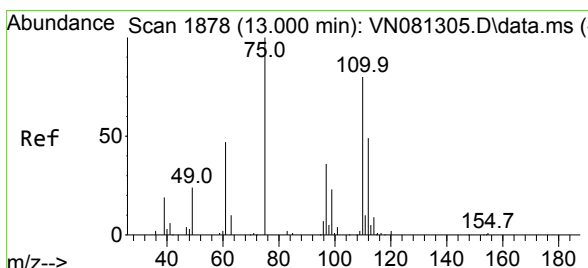
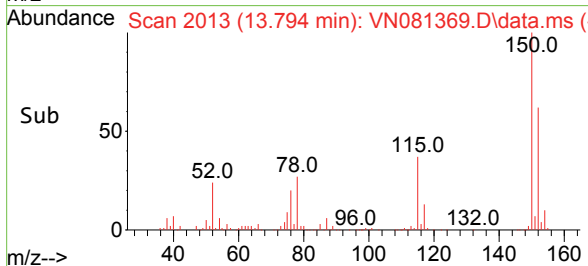
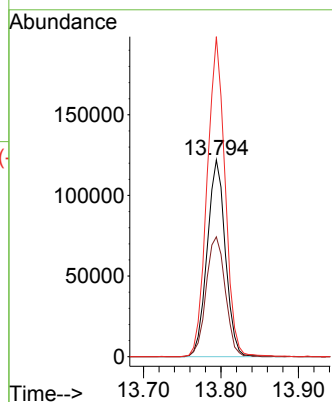
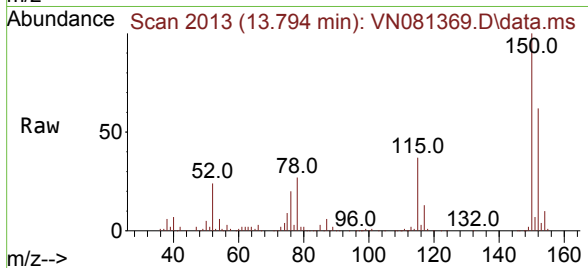
Tgt Ion:152 Resp: 198832

Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 160.3 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 26.426 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081369.D

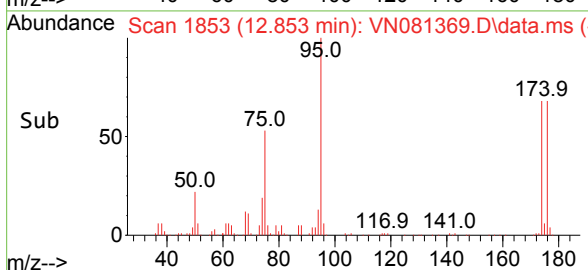
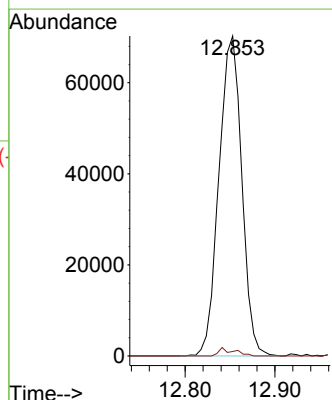
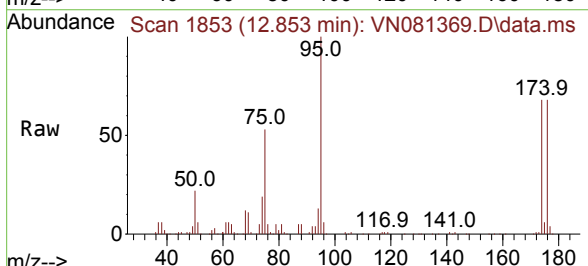
Acq: 12 Mar 2024 11:21

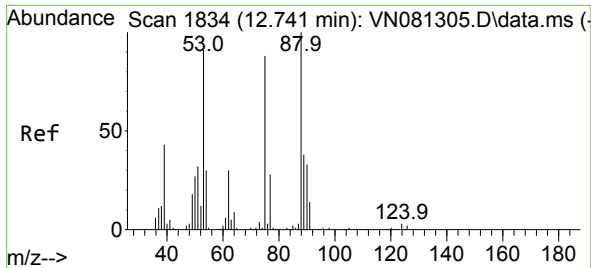
Tgt Ion: 75 Resp: 124107

Ion Ratio Lower Upper

75 100

77 1.8 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.751 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081369.D
Acq: 12 Mar 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0312WBL01

Tgt Ion: 75 Resp: 124107
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

