

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081951.D
 Acq On : 01 May 2024 13:02
 Operator : JC\MD
 Sample : P2329-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	218260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159464	43.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.580%
35) Dibromofluoromethane	8.165	113	122607	48.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	10.565	98	512245	51.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.847	95	172453	43.525	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.040%

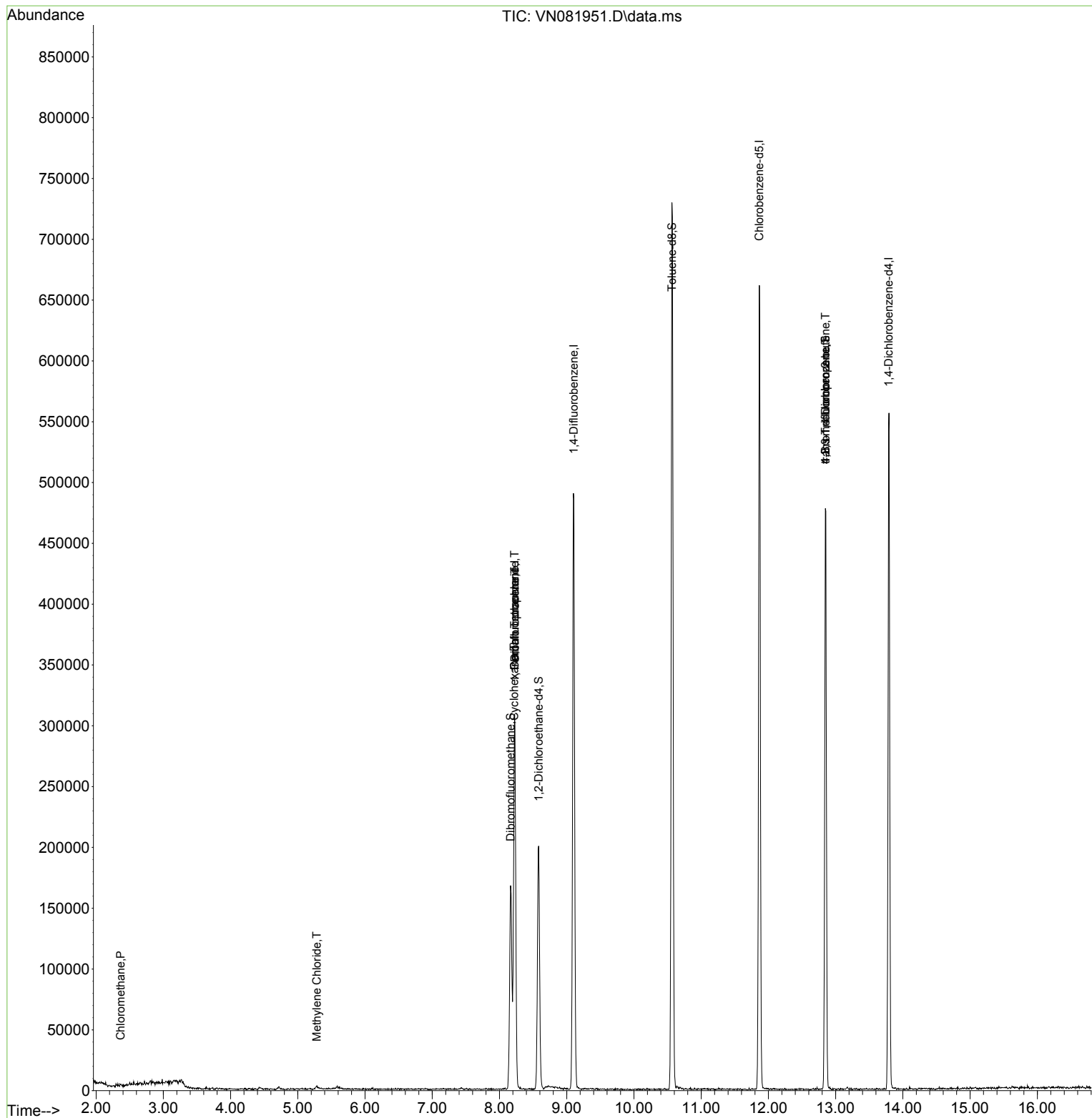
Target Compounds			Qvalue			
3) Chloromethane	2.366	50	1036	0.324	ug/l #	43
5) Bromomethane	2.995	94	469	Below Cal	#	44
13) Acrolein	4.183	56	65	Below Cal	#	15
16) Acetone	4.436	43	1839	Below Cal	#	76
20) Methylene Chloride	5.283	84	1056	0.335	ug/l #	72
31) Cyclohexane	8.218	56	5698	1.027	ug/l #	5
36) 1,1-Dichloropropene	8.230	75	20190	4.863	ug/l #	49
38) Carbon Tetrachloride	8.224	117	22564	5.561	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	96302	26.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96302	53.994	ug/l #	12

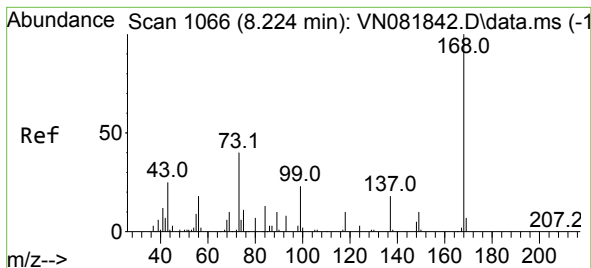
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

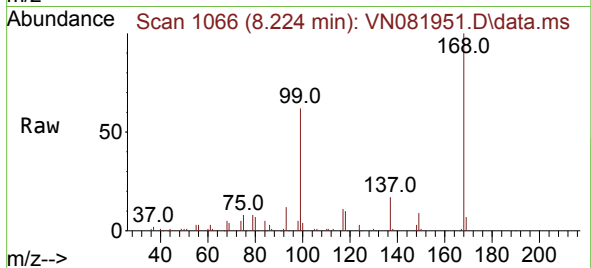
Lab File: VN081951.D

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Instrument :

MSVOA_N

ClientSampleId :

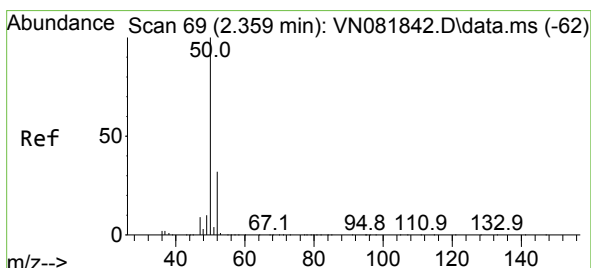
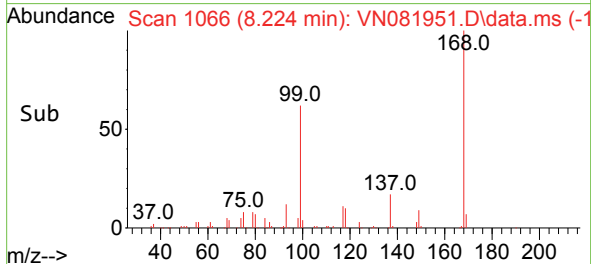
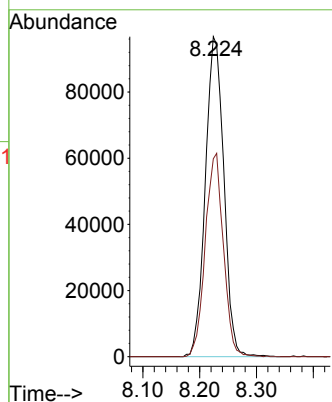


Tgt Ion:168 Resp: 218260

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#3

Chloromethane

Concen: 0.324 ug/l

RT: 2.366 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081951.D

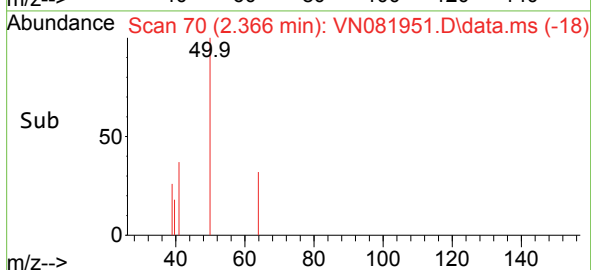
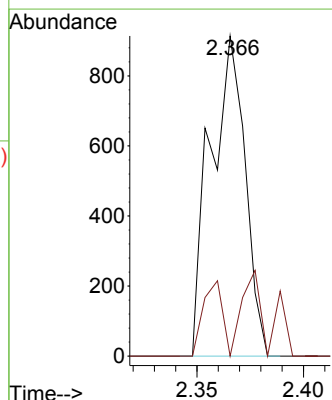
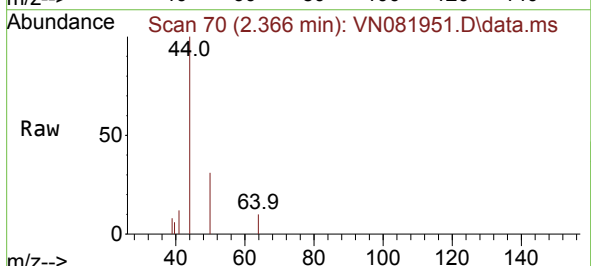
Acq: 01 May 2024 13:02

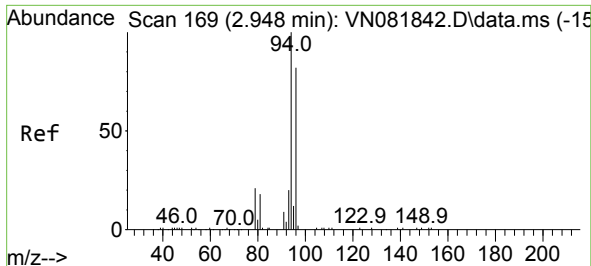
Tgt Ion: 50 Resp: 1036

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

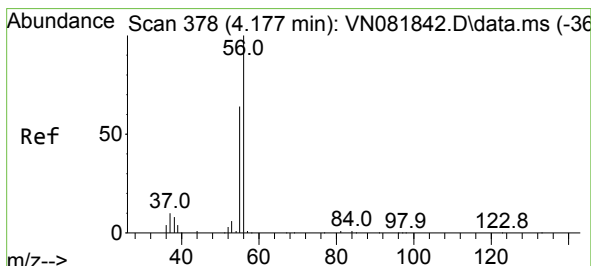
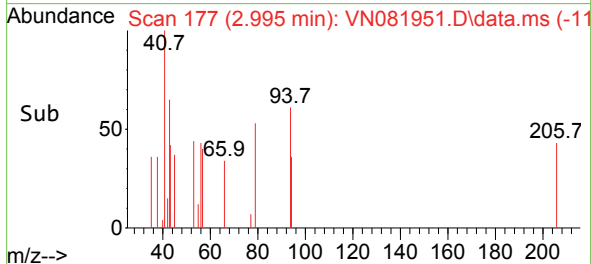
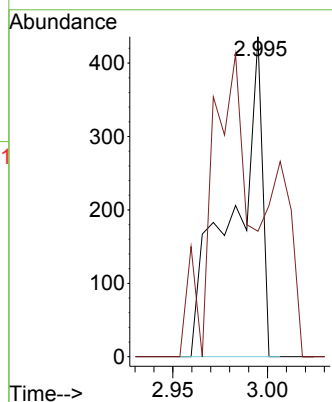
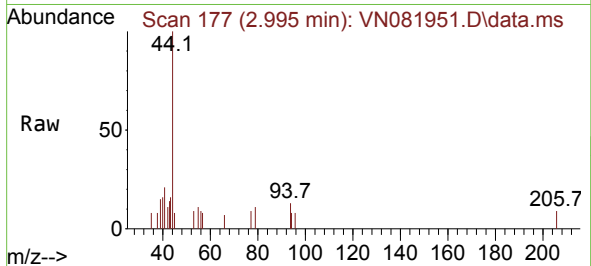




#5
Bromomethane
Concen: Below Cal
RT: 2.995 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

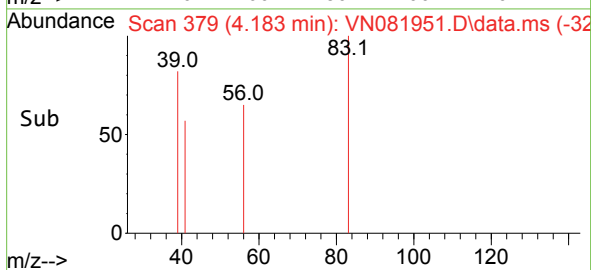
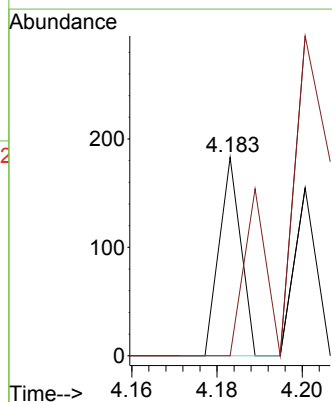
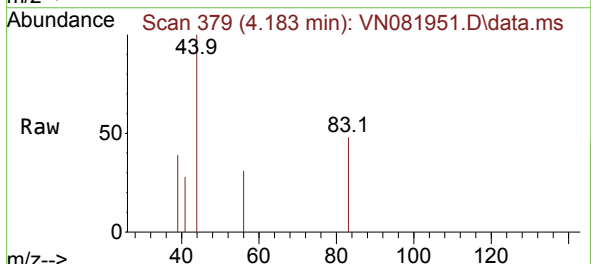
Instrument :
MSVOA_N
ClientSampleId :

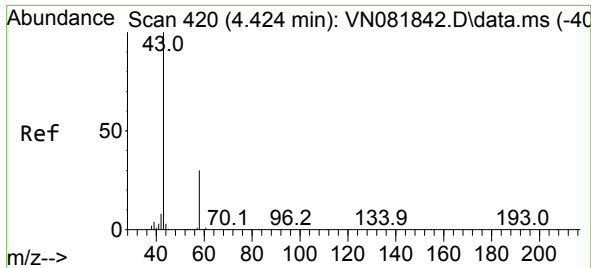
Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 39.2 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

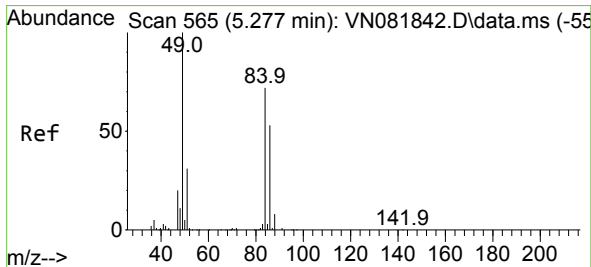
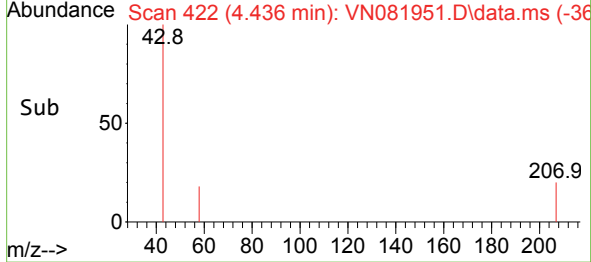
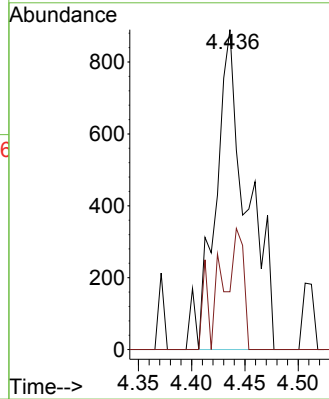
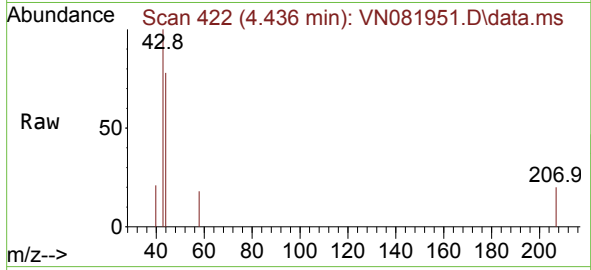




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

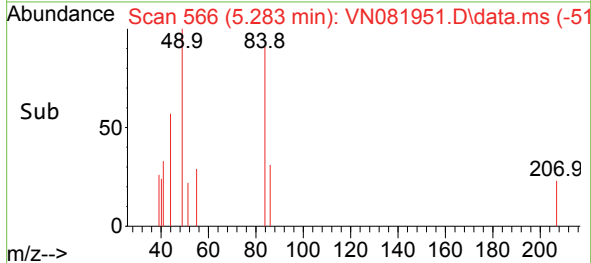
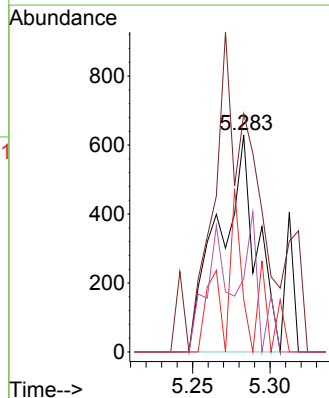
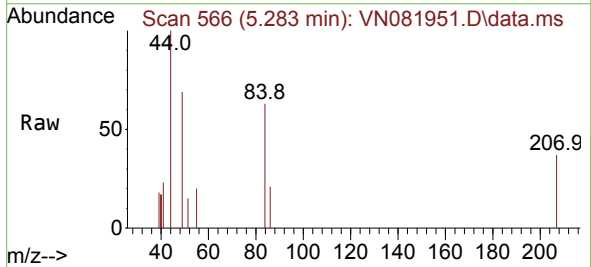
Instrument :
MSVOA_N
ClientSampleId :

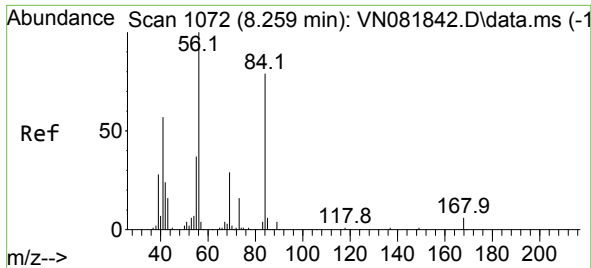
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 18.1 25.2 37.8#



#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

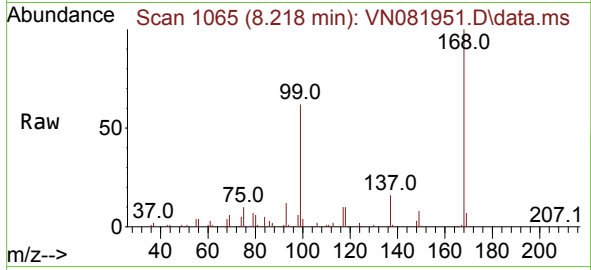
Tgt Ion: 84 Resp: 1056
Ion Ratio Lower Upper
84 100
49 80.4 84.9 127.3#
51 24.0 27.0 40.6#
86 33.9 52.3 78.5#



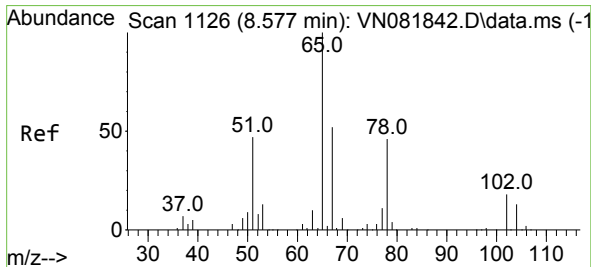
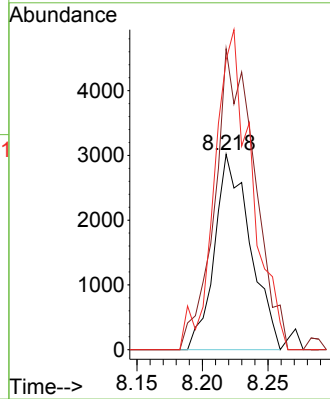
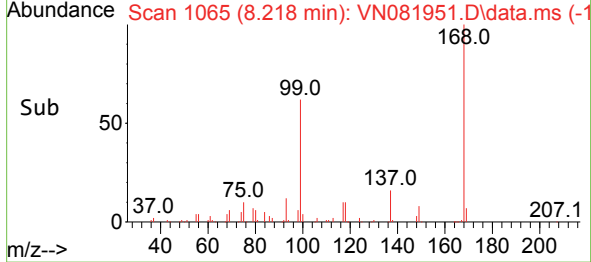


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

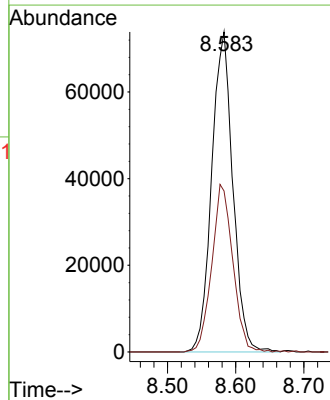
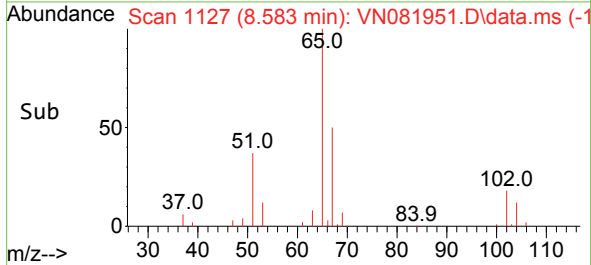
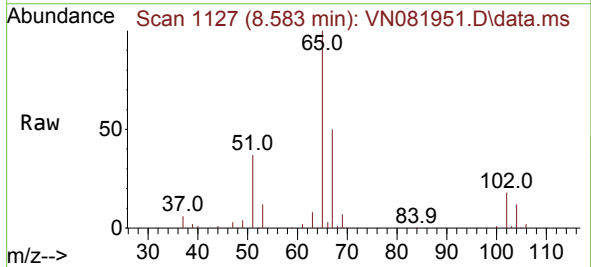


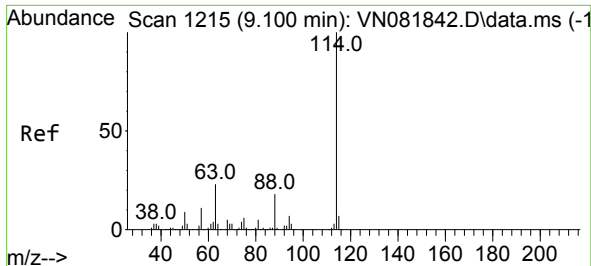
Tgt Ion: 56 Resp: 5698
Ion Ratio Lower Upper
56 100
69 154.1 24.4 36.6#
84 148.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 43.290 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

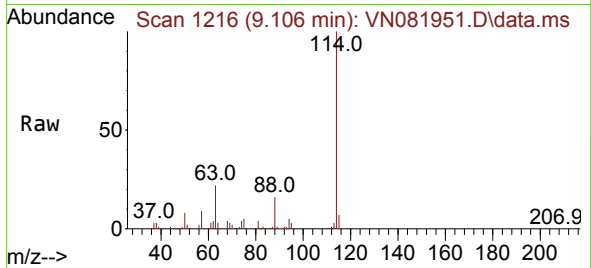
Tgt Ion: 65 Resp: 159464
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



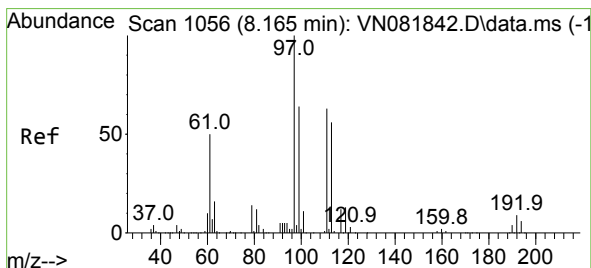
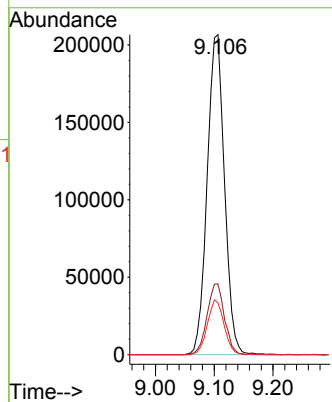
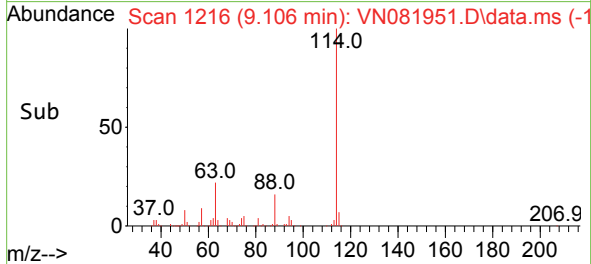


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

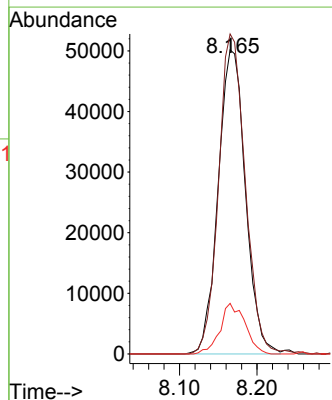
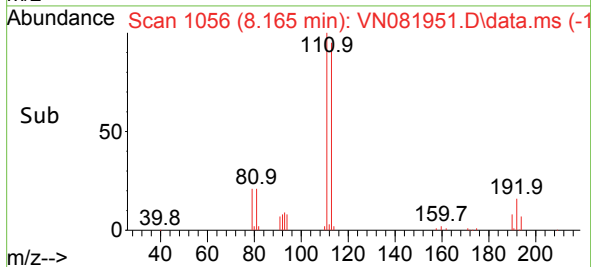
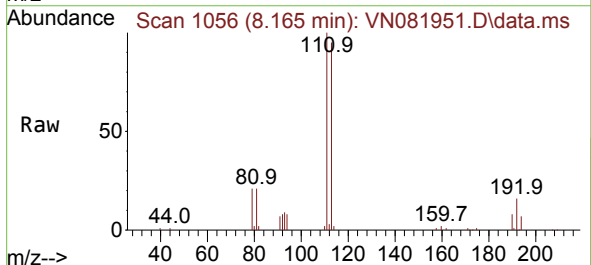


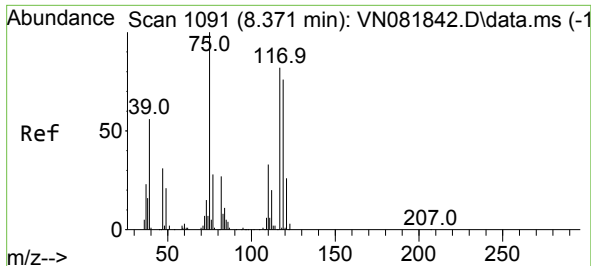
Tgt Ion:114 Resp: 423872
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Tgt Ion:113 Resp: 122607
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 15.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081951.D

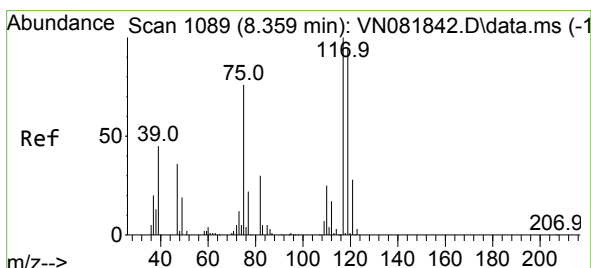
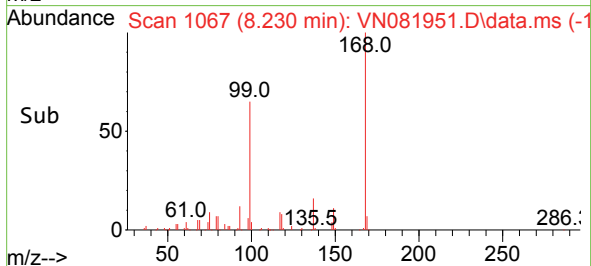
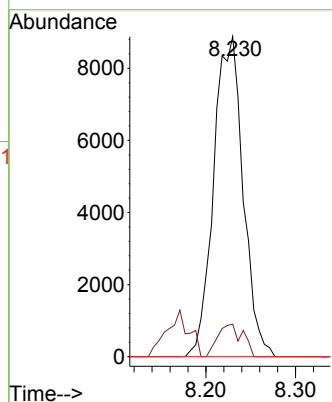
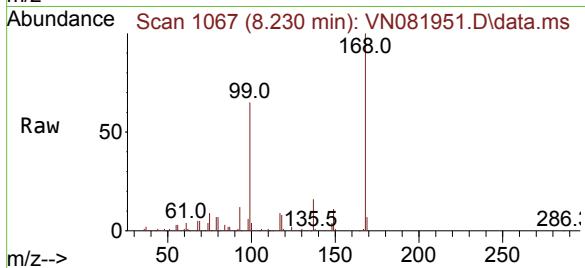
Acq: 01 May 2024 13:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	20190
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.561 ug/l

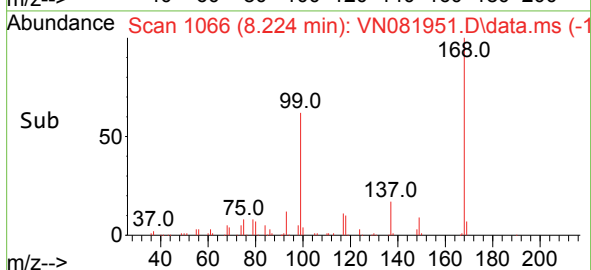
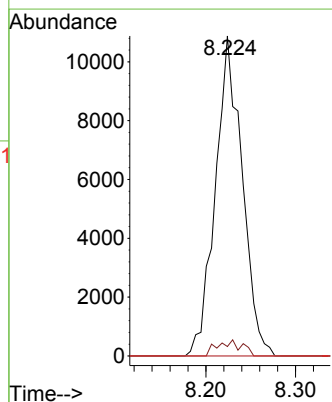
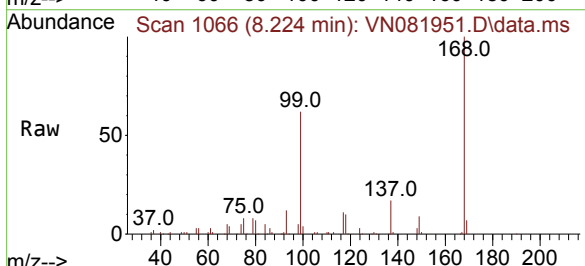
RT: 8.224 min Scan# 1066

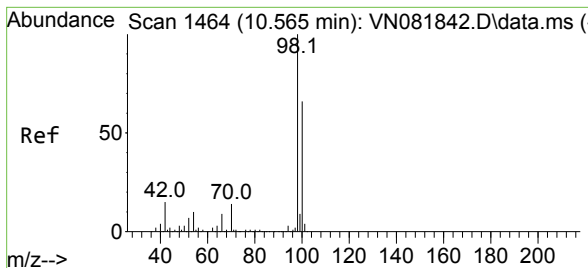
Delta R.T. -0.135 min

Lab File: VN081951.D

Acq: 01 May 2024 13:02

Tgt Ion:	117	Resp:	22564
Ion	Ratio	Lower	Upper
117	100		
119	2.9	76.5	114.7#
121	0.0	23.9	35.9#

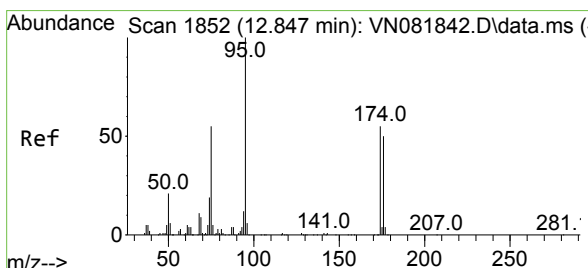
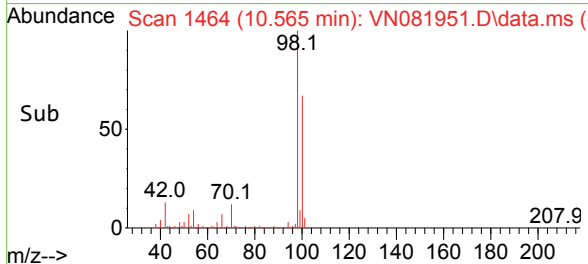
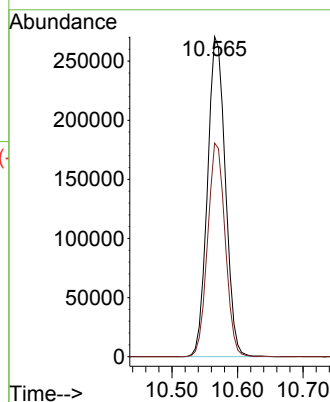
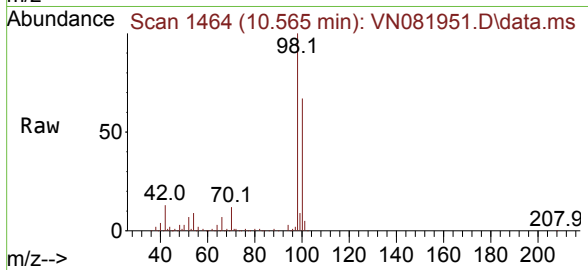




#50
Toluene-d8
Concen: 51.106 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

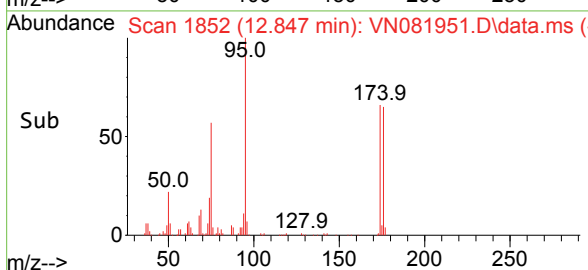
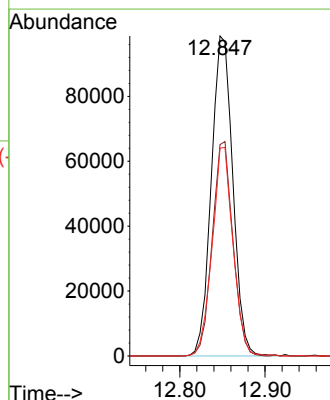
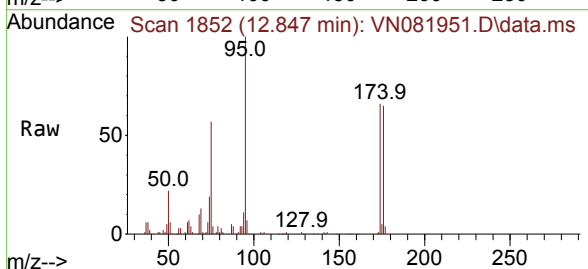
Instrument :
MSVOA_N
ClientSampleId :

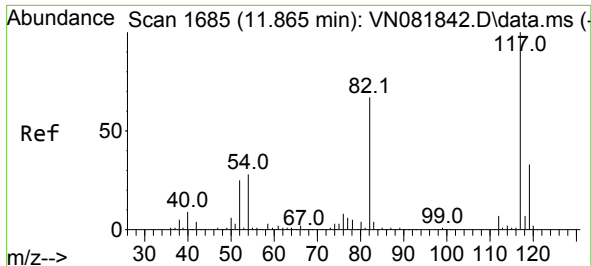
Tgt Ion: 98 Resp: 512245
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.525 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

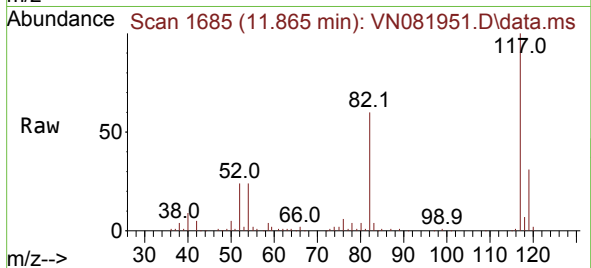
Tgt Ion: 95 Resp: 172453
Ion Ratio Lower Upper
95 100
174 64.5 0.0 160.6
176 63.3 0.0 152.8



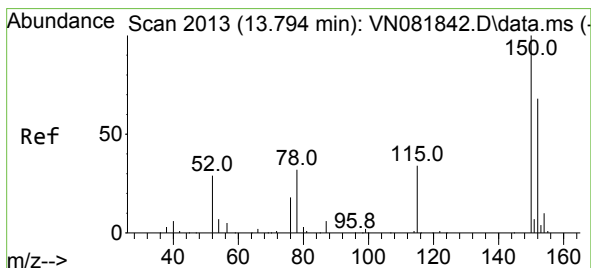
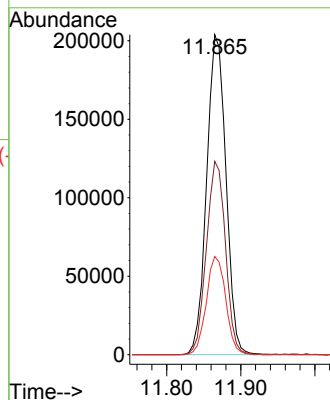
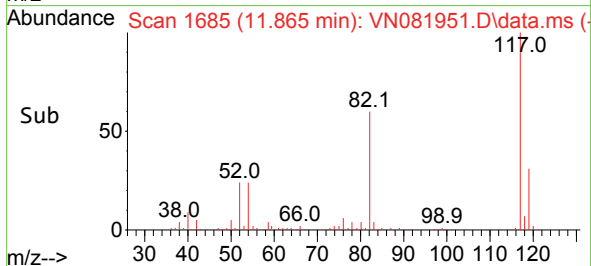


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

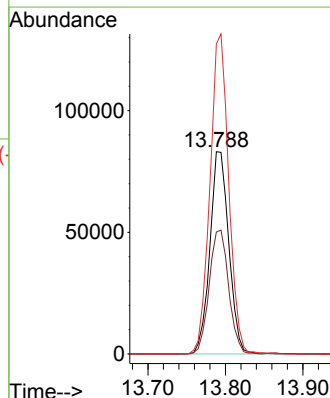
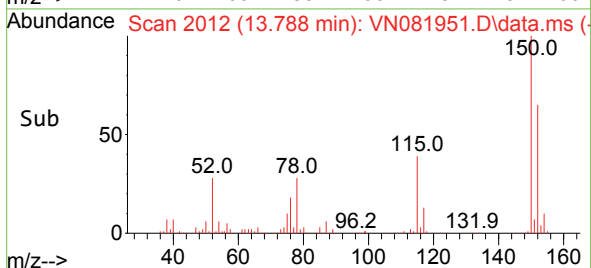
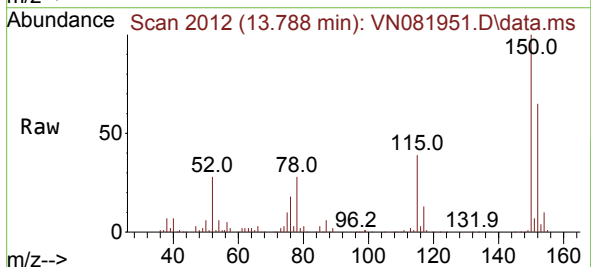


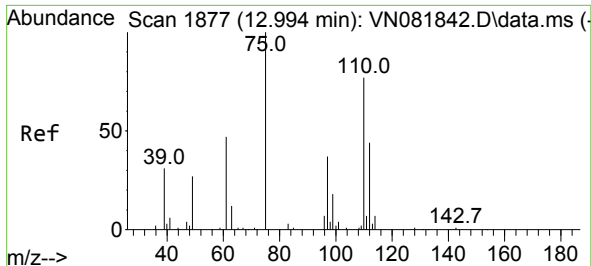
Tgt Ion:117 Resp: 368273
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Tgt Ion:152 Resp: 140960
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.3
150 156.5 0.0 353.2

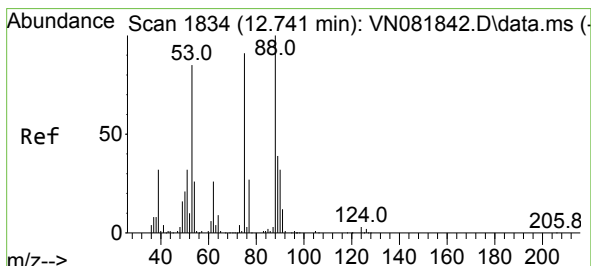
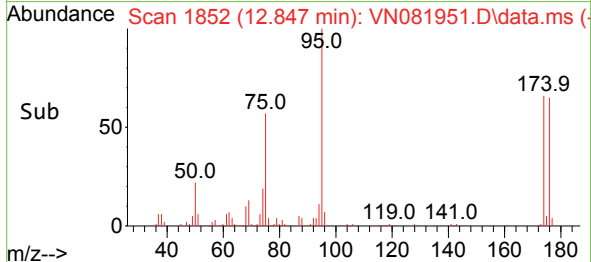
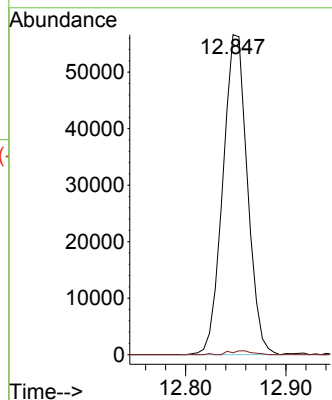
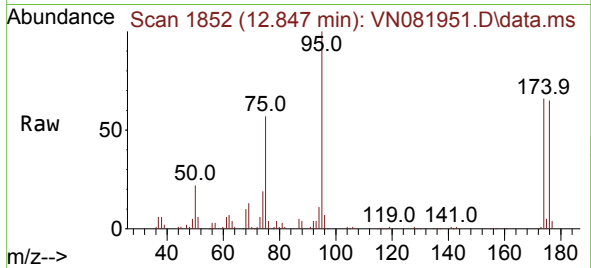




#76
1,2,3-Trichloropropane
Concen: 26.350 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 96302
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.994 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081951.D
Acq: 01 May 2024 13:02

Tgt Ion: 75 Resp: 96302
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

