

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082224.D
 Acq On : 20 May 2024 21:00
 Operator : JC\MD
 Sample : P2537-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 448

Quant Time: May 21 03:55:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	174751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143945	52.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.340%
35) Dibromofluoromethane	8.171	113	101457	52.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.571	98	401785	53.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.847	95	140538	52.768	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.540%

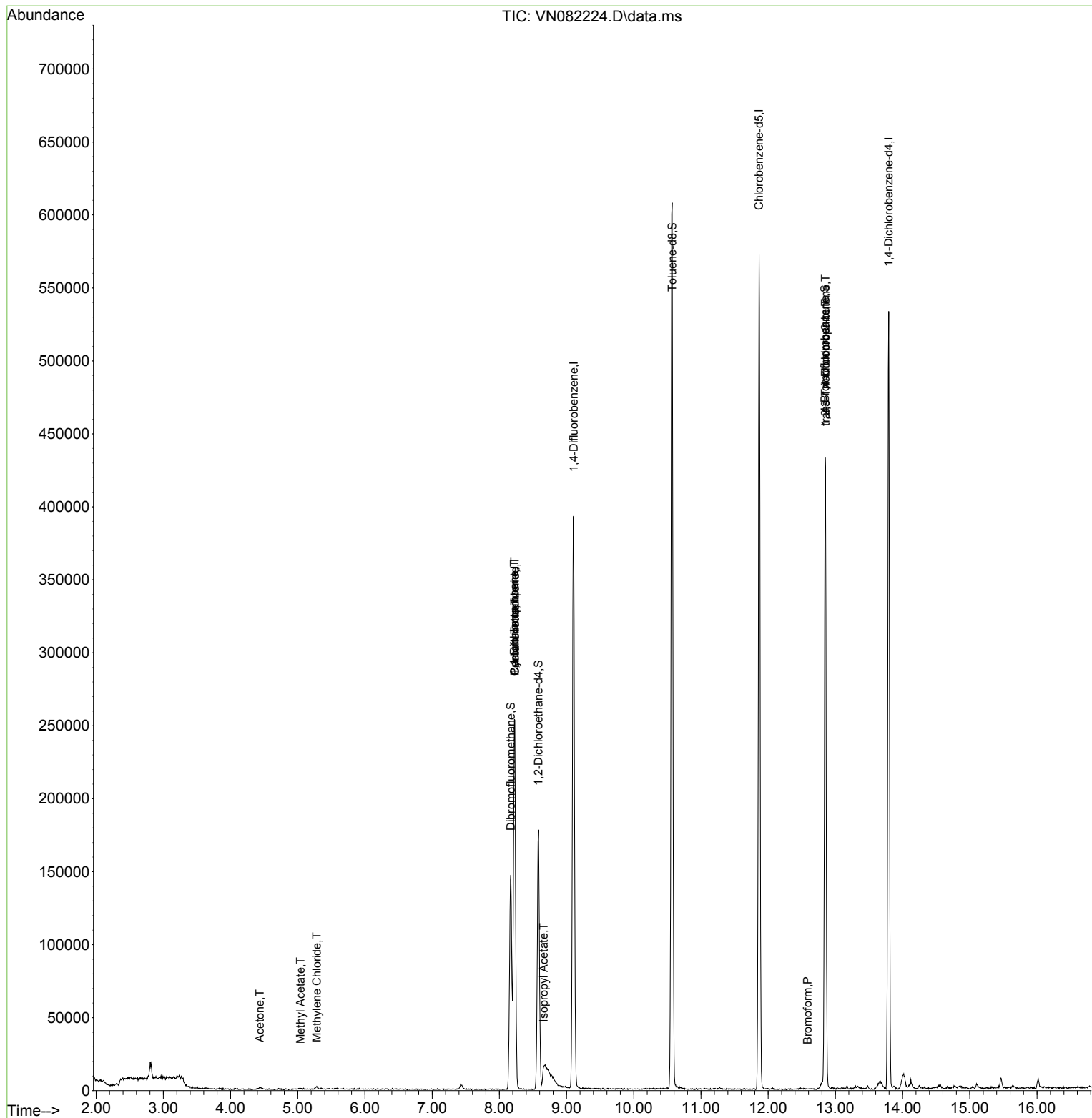
Target Compounds					Qvalue	
16) Acetone	4.436	43	3324	2.937	ug/l #	70
18) Methyl Acetate	5.041	43	1601	0.568	ug/l #	47
20) Methylene Chloride	5.283	84	1003	0.439	ug/l #	91
31) Cyclohexane	8.229	56	5027	1.141	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	16723	5.123	ug/l #	50
38) Carbon Tetrachloride	8.229	117	19804	5.985	ug/l #	15
43) Isopropyl Acetate	8.659	43	8094	1.250	ug/l #	52
71) Bromoform	12.588	173	58	0.735	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	80992	28.921	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	80992	67.645	ug/l #	12

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

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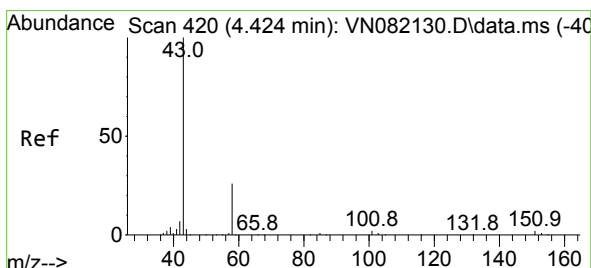
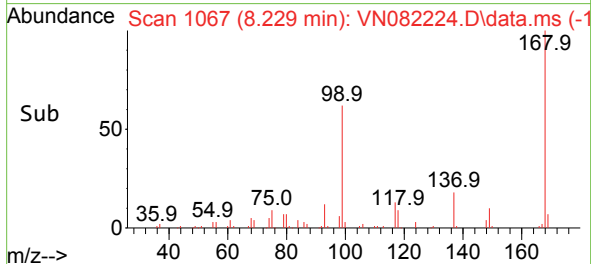
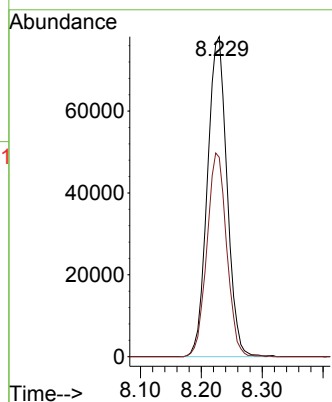
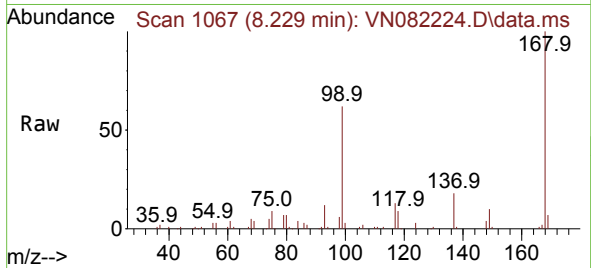




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

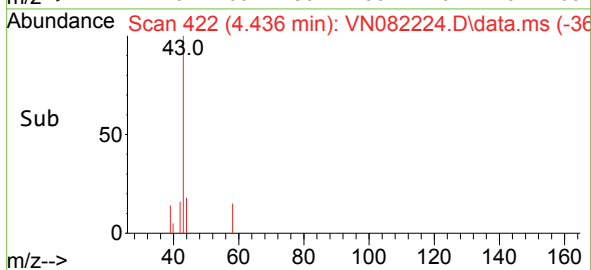
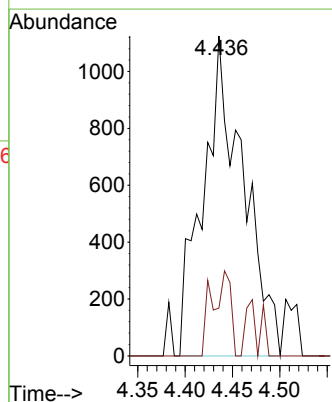
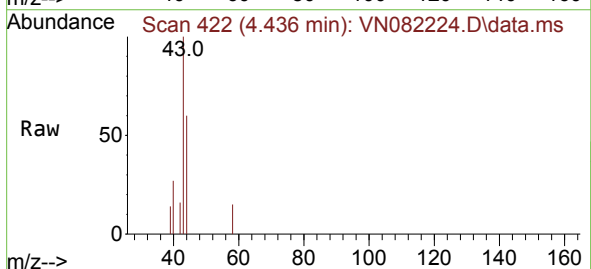
Instrument :
MSVOA_N
ClientSampleId :
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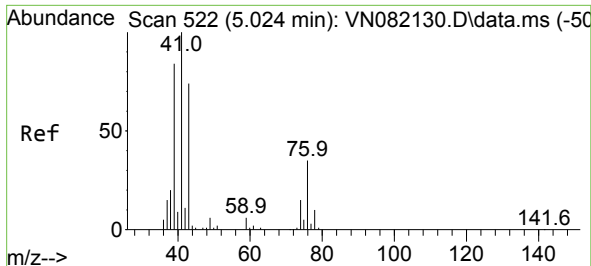
Tgt Ion:168 Resp: 174751
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#16
Acetone
Concen: 2.937 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
58 14.9 25.2 37.8#





#18

Methyl Acetate

Concen: 0.568 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN082224.D

Acq: 20 May 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

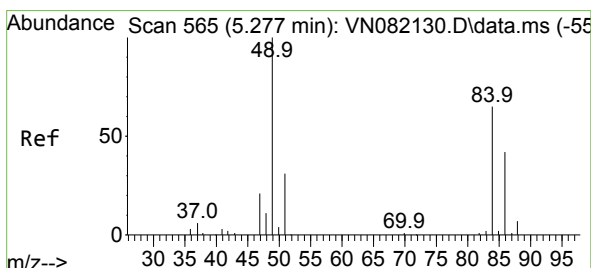
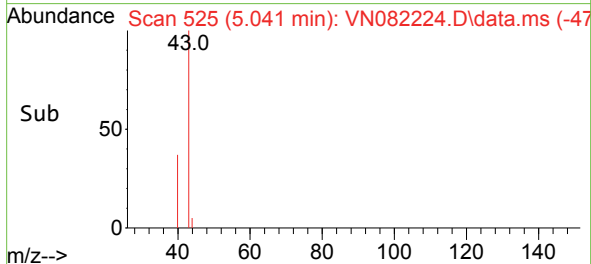
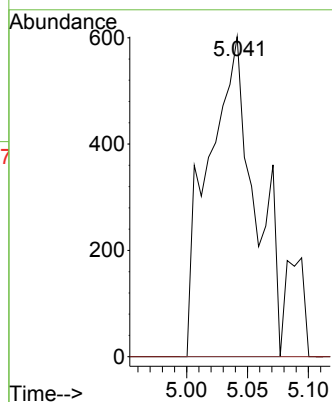
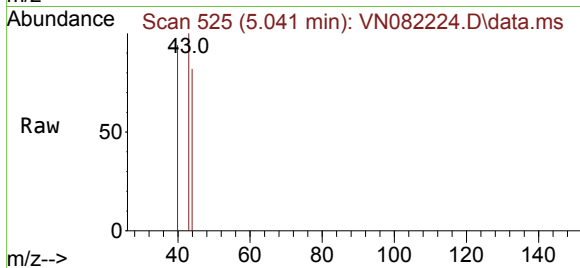
448

Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#



#20

Methylene Chloride

Concen: 0.439 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082224.D

Acq: 20 May 2024 21:00

Tgt Ion: 84 Resp: 1003

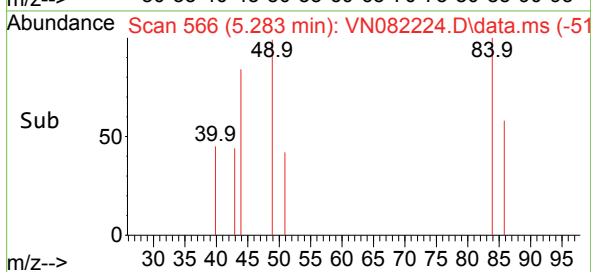
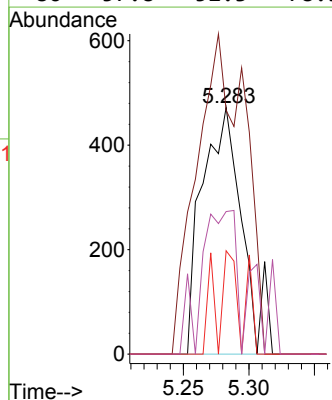
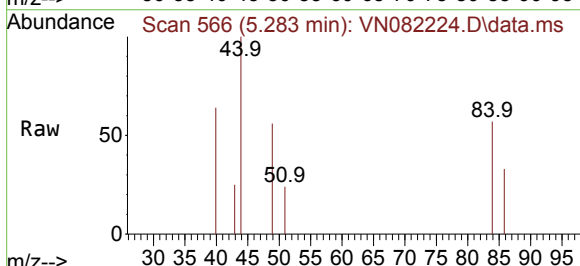
Ion Ratio Lower Upper

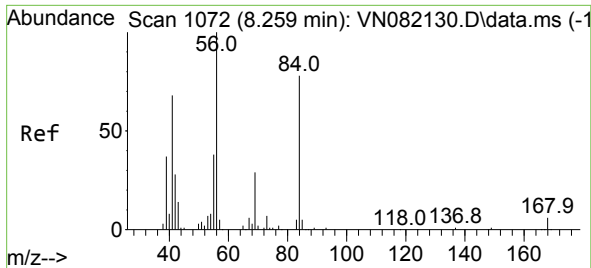
84 100

49 98.9 84.9 127.3

51 41.9 27.0 40.6#

86 57.8 52.3 78.5

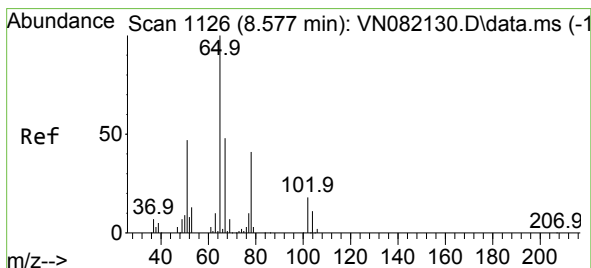
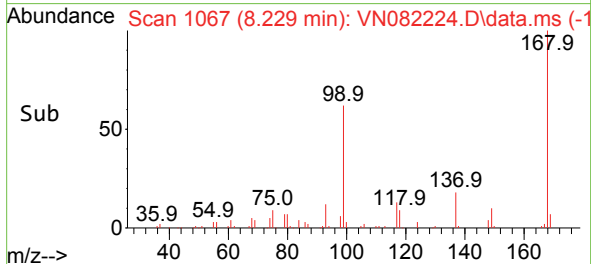
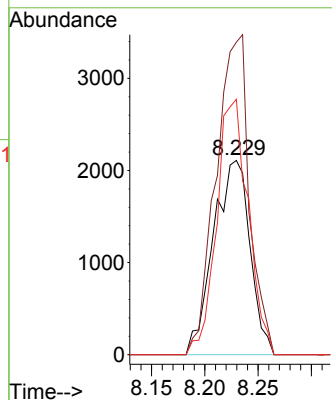
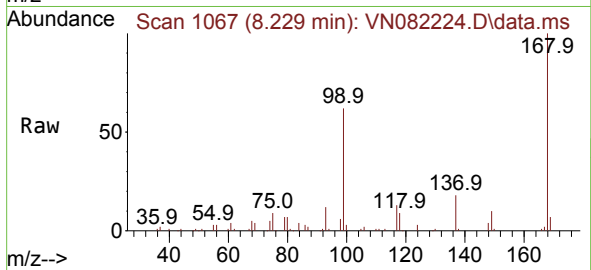




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

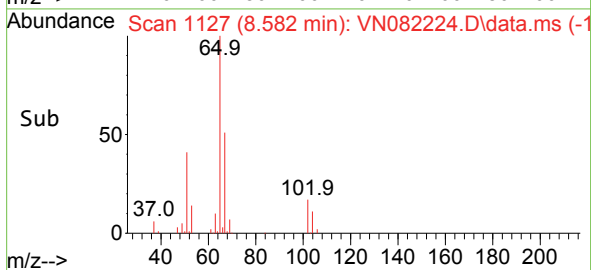
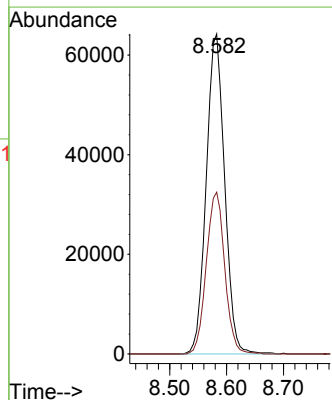
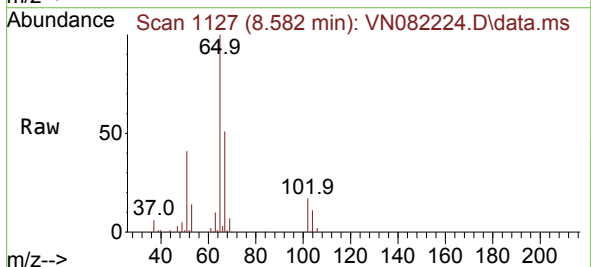
Instrument :
MSVOA_N
ClientSampleId :
448

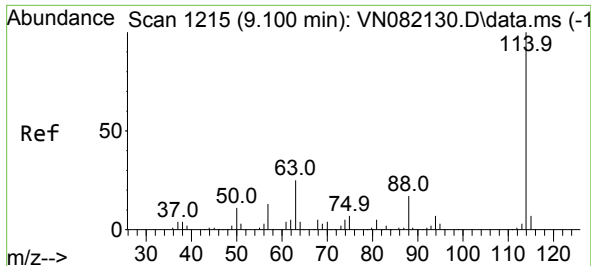
Tgt Ion: 56 Resp: 5027
Ion Ratio Lower Upper
56 100
69 160.8 24.4 36.6#
84 131.5 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 52.166 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 65 Resp: 143945
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

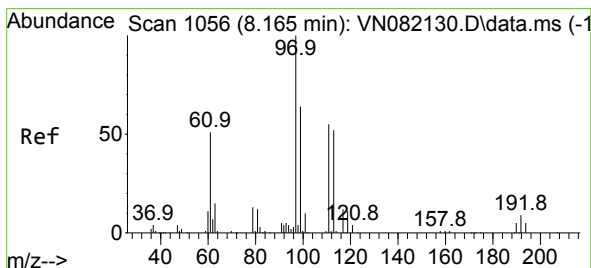
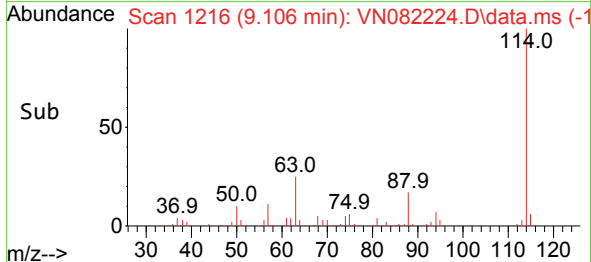
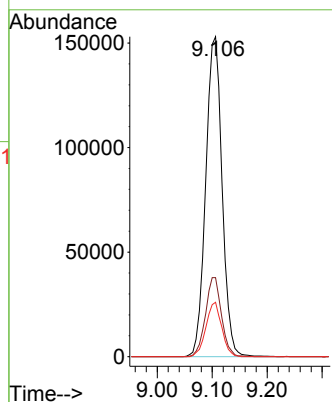
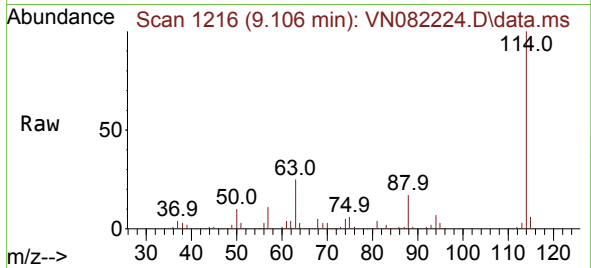




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

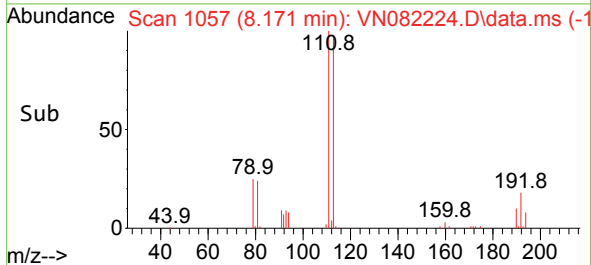
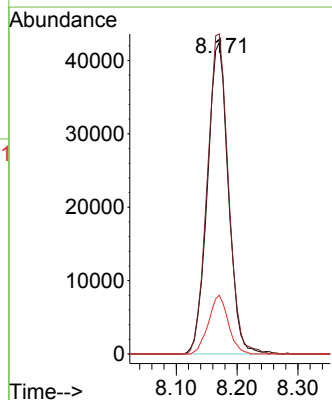
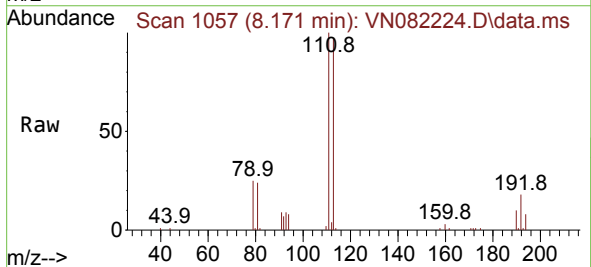
Instrument :
MSVOA_N
ClientSampleId :
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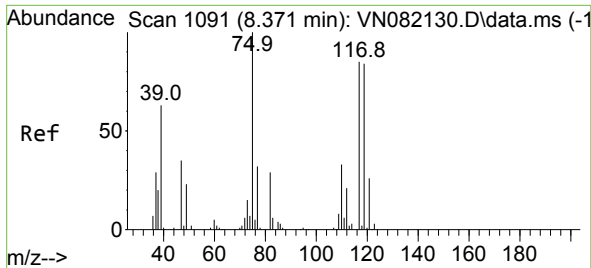
Tgt Ion:114 Resp: 316391
Ion Ratio Lower Upper
114 100
63 24.7 0.0 41.0
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion:113 Resp: 101457
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 17.8 14.0 21.0

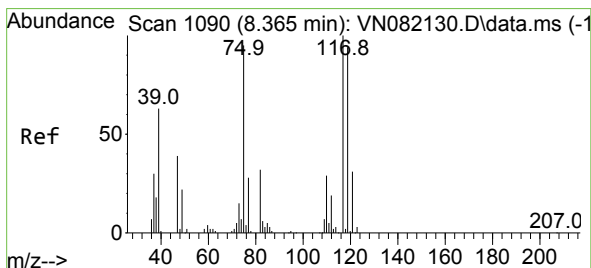
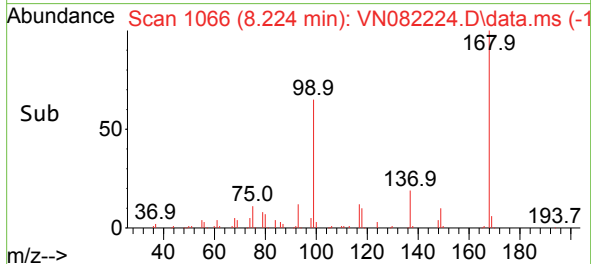
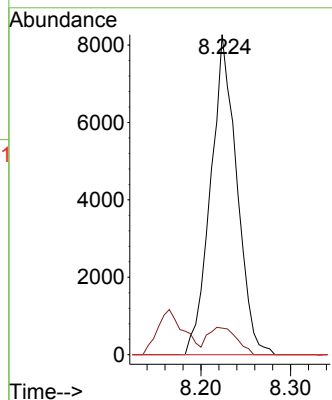
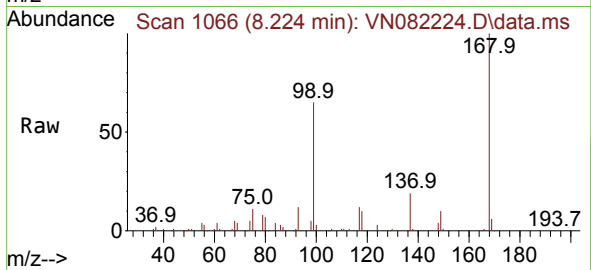




#36
1,1-Dichloropropene
Concen: 5.123 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

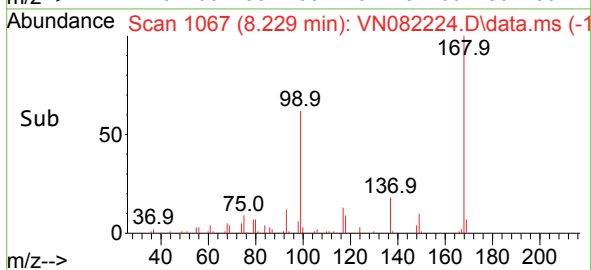
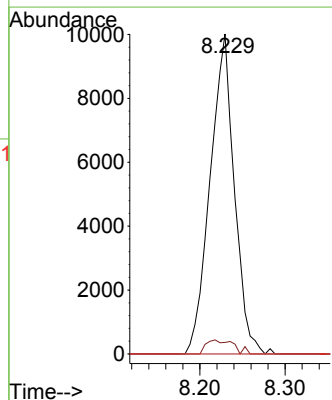
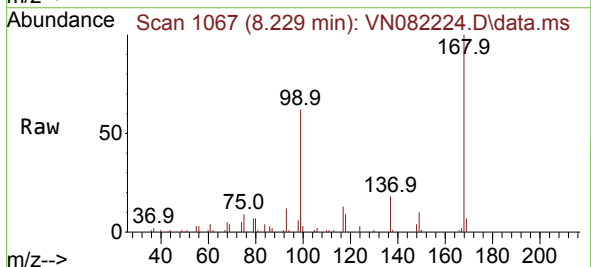
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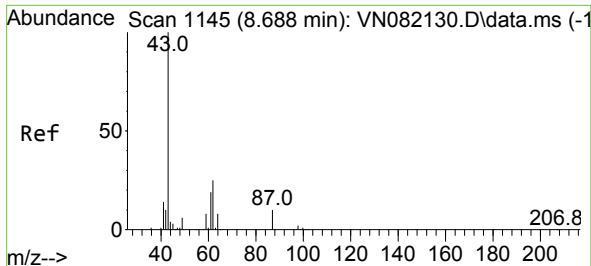
Tgt Ion: 75 Resp: 16723
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 117 Resp: 19804
Ion Ratio Lower Upper
117 100
119 3.6 76.5 114.7#
121 0.0 23.9 35.9#

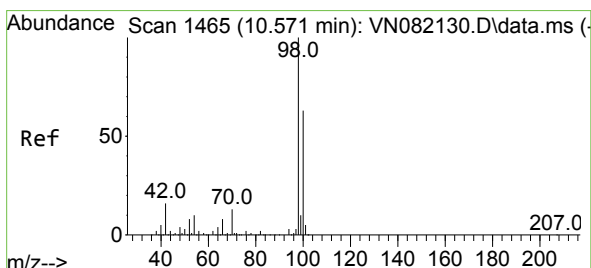
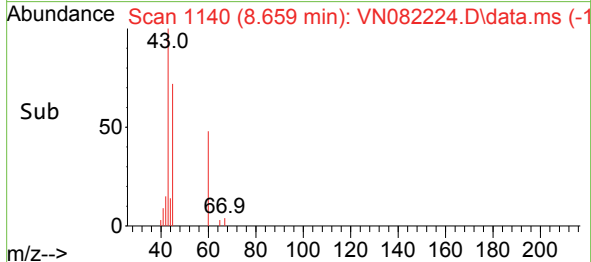
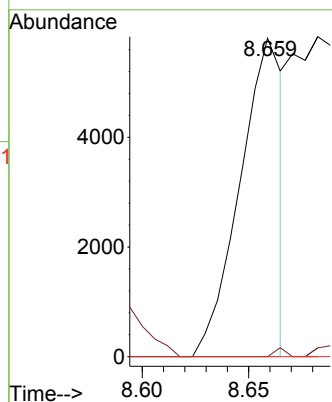
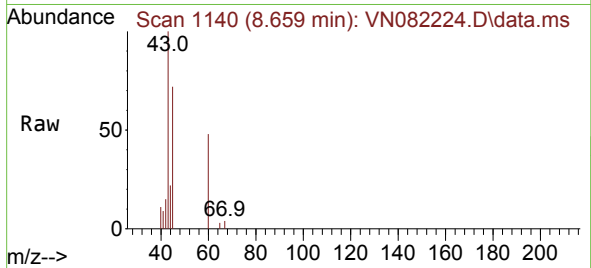




#43
Isopropyl Acetate
Concen: 1.250 ug/l
RT: 8.659 min Scan# 1145
Delta R.T. -0.030 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

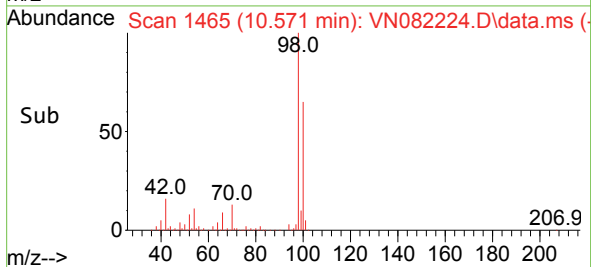
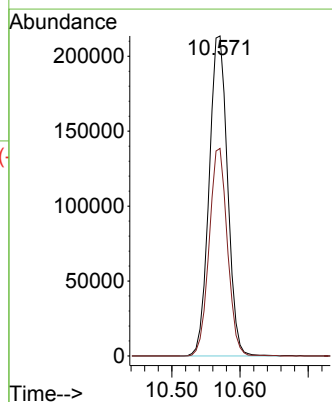
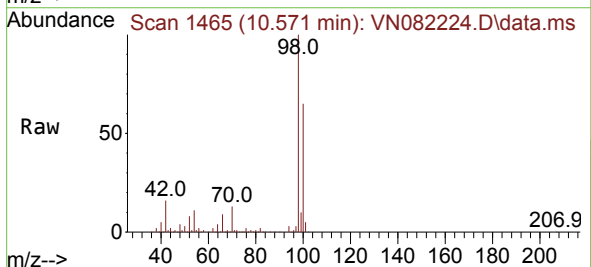
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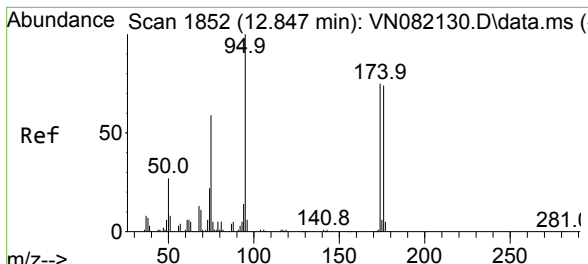
Tgt Ion: 43 Resp: 8094
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 98 Resp: 401785
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

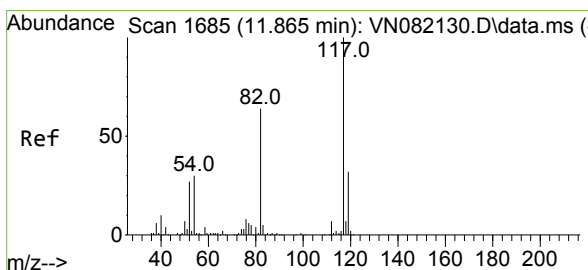
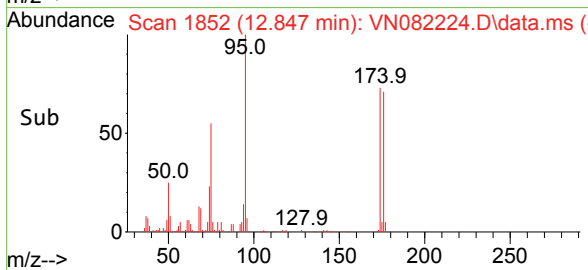
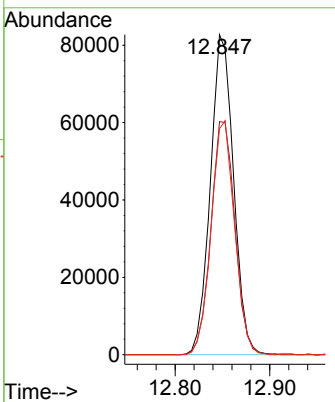
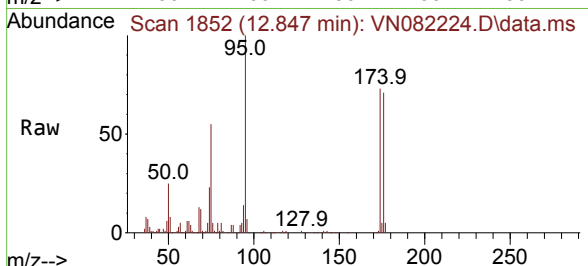




#62
 4-Bromofluorobenzene
 Concen: 52.768 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN082224.D
 Acq: 20 May 2024 21:00

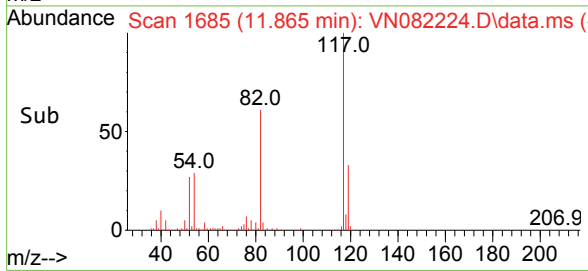
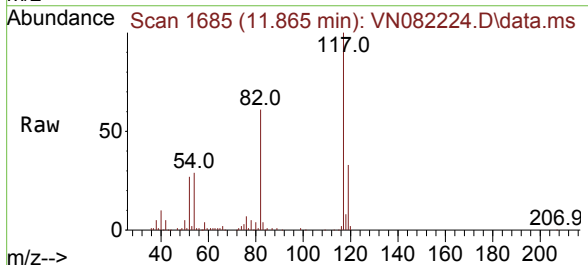
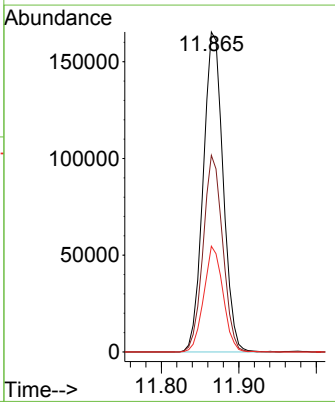
Instrument :
 MSVOA_N
 ClientSampleId :
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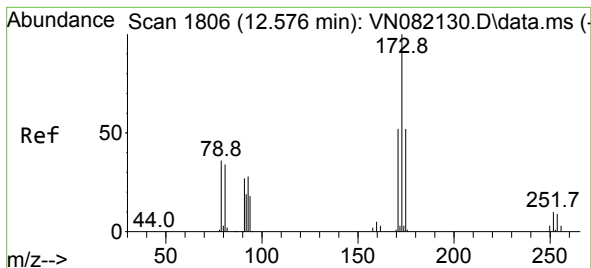
Tgt Ion:	95	Resp:	140538
Ion Ratio	Lower	Upper	
95	100		
174	75.6	0.0	160.6
176	73.8	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082224.D
 Acq: 20 May 2024 21:00

Tgt Ion:	117	Resp:	294929
Ion Ratio	Lower	Upper	
117	100		
82	61.5	44.6	66.8
119	33.0	25.9	38.9





#71

Bromoform

Concen: 0.735 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.012 min

Lab File: VN082224.D

Acq: 20 May 2024 21:00

Instrument :

MSVOA_N

ClientSampleId :

448

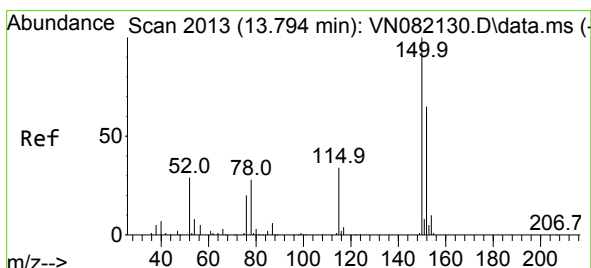
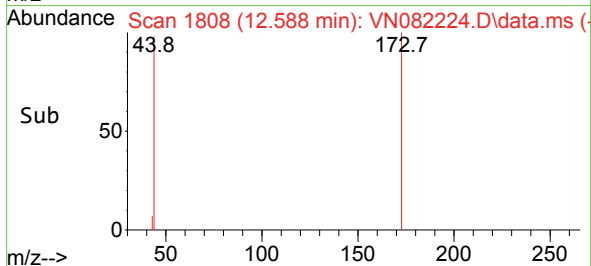
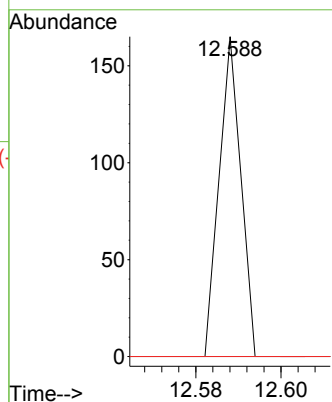
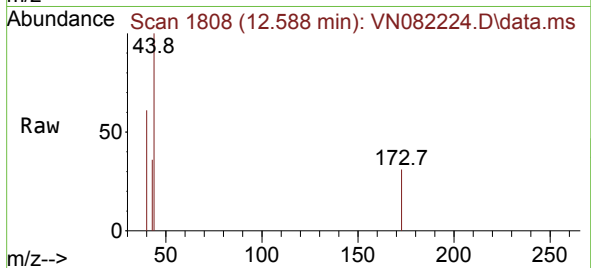
Tgt Ion:173 Resp: 58

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082224.D

Acq: 20 May 2024 21:00

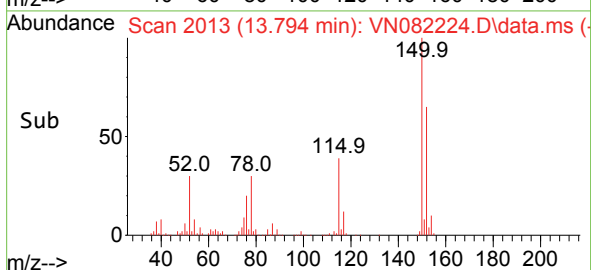
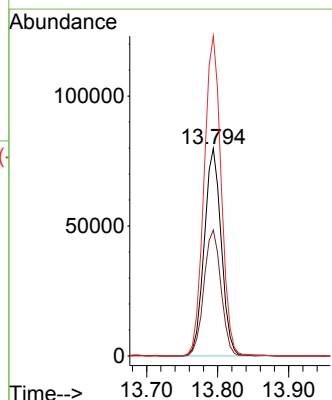
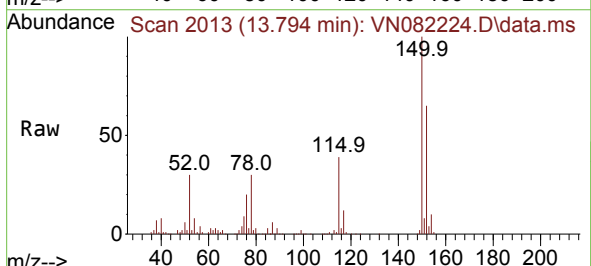
Tgt Ion:152 Resp: 133053

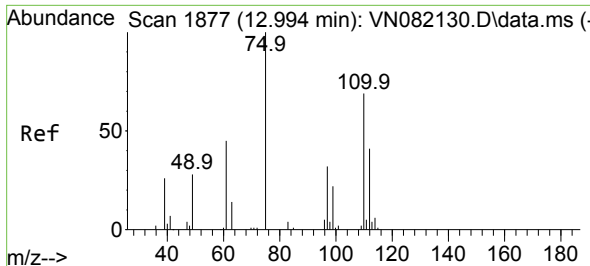
Ion Ratio Lower Upper

152 100

115 61.0 30.4 91.3

150 155.8 0.0 353.2

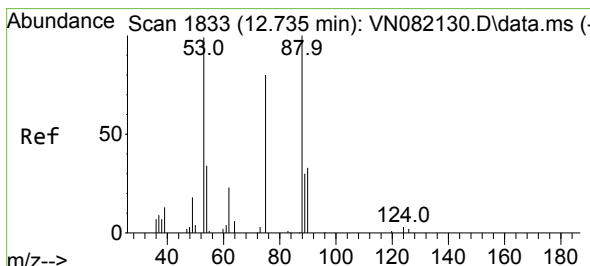
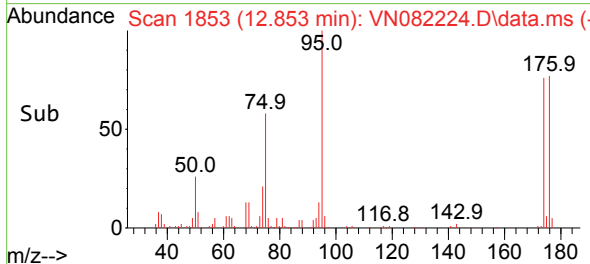
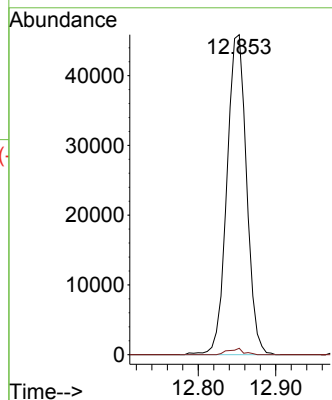
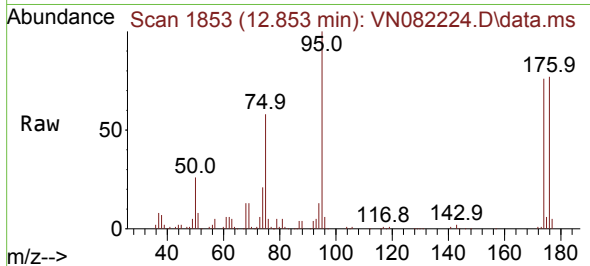




#76
1,2,3-Trichloropropane
Concen: 28.921 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Instrument :
MSVOA_N
ClientSampleId :
448

Tgt Ion: 75 Resp: 80992
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.645 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082224.D
Acq: 20 May 2024 21:00

Tgt Ion: 75 Resp: 80992
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

