

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083172.D
 Acq On : 09 Aug 2024 10:50
 Operator : JC\MD
 Sample : VN0809WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 00:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

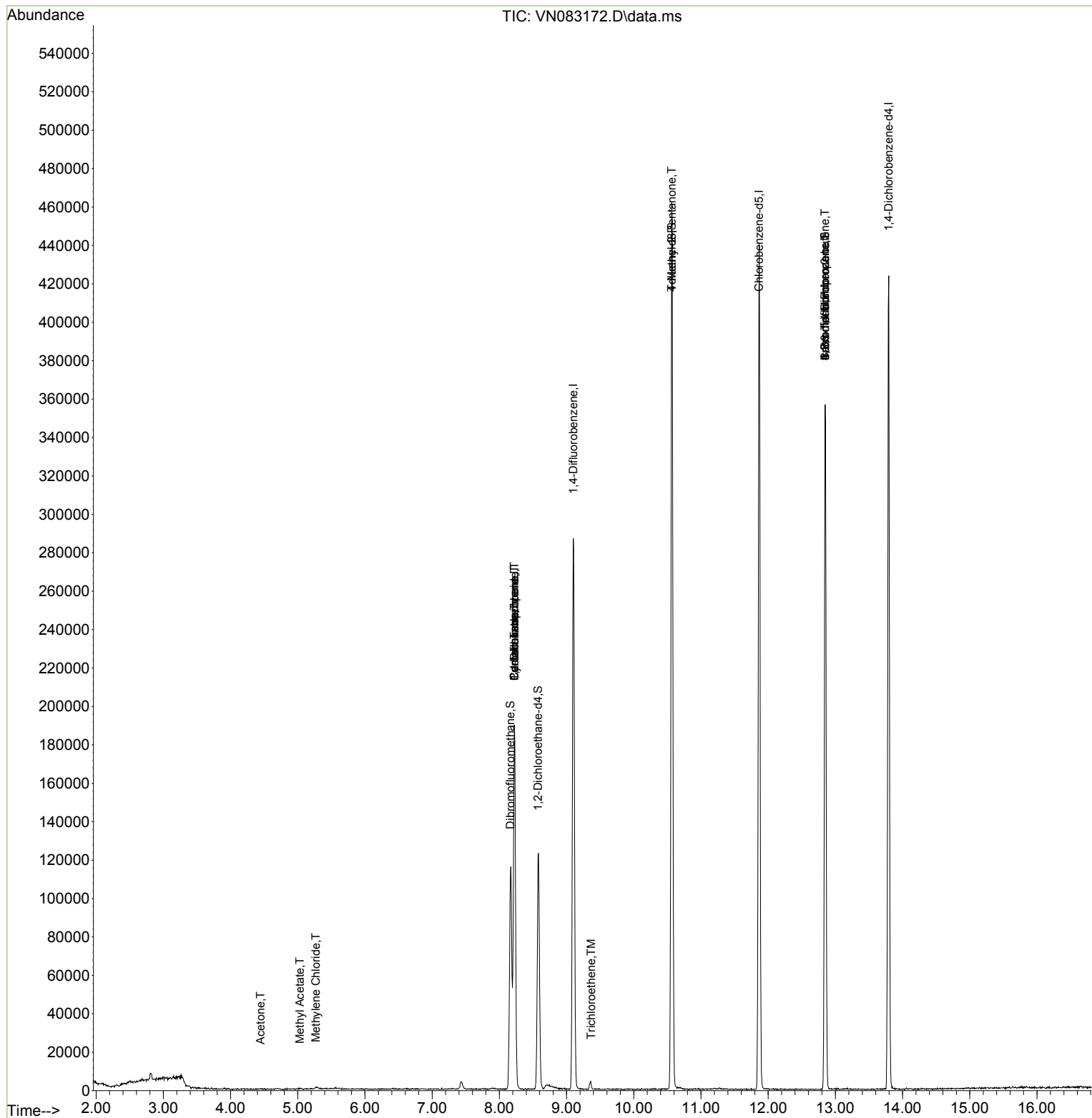
Internal Standards						
1) Pentafluorobenzene	8.224	168	129362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106267	57.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.420%
35) Dibromofluoromethane	8.165	113	83104	53.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.260%
50) Toluene-d8	10.565	98	317516	54.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.860%
62) 4-Bromofluorobenzene	12.847	95	131080	58.169	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	116.340%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	458	0.636	ug/l #	48
18) Methyl Acetate	5.030	43	452	0.211	ug/l #	56
20) Methylene Chloride	5.271	84	674	0.406	ug/l #	64
31) Cyclohexane	8.224	56	3613	1.324	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	12057	5.144	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15452	5.853	ug/l #	17
43) Isopropyl Acetate	8.718	43	2936	Below Cal	#	60
44) Trichloroethene	9.365	130	1453	0.874	ug/l	88
51) 4-Methyl-2-Pentanone	10.565	43	1746	0.704	ug/l #	1
71) Bromoform	12.847	173	543	0.375	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72487	29.988	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72487	65.231	ug/l #	6

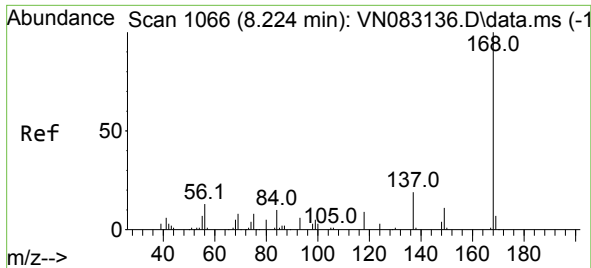
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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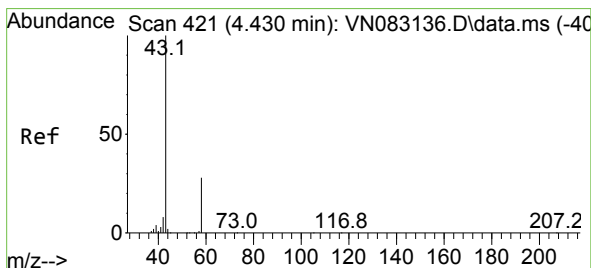
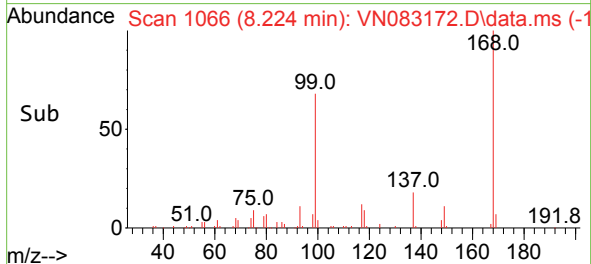
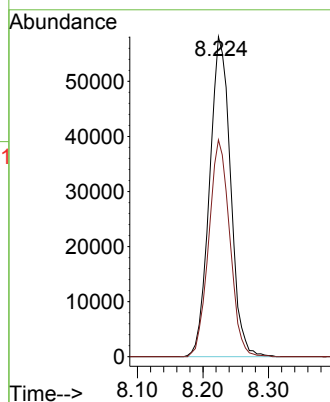
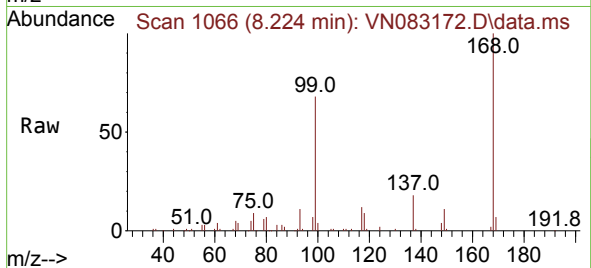




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

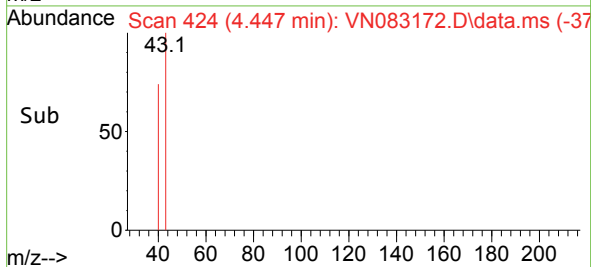
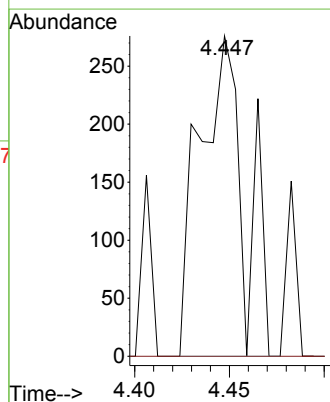
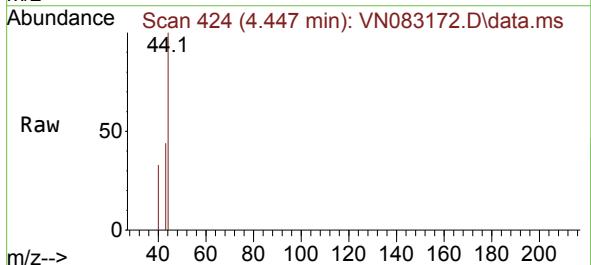
Instrument :
MSVOA_N
ClientSampleId :

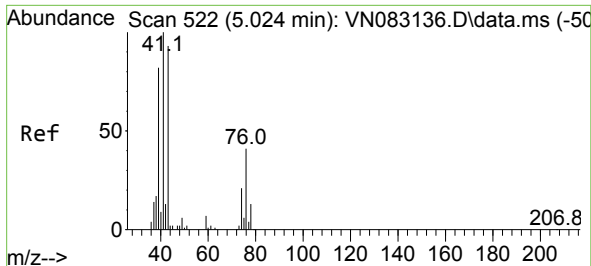
Tgt Ion:168 Resp: 129362
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#16
Acetone
Concen: 0.636 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

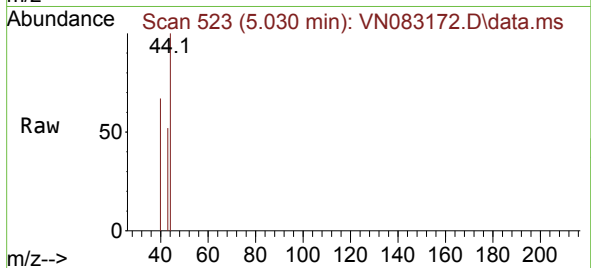
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



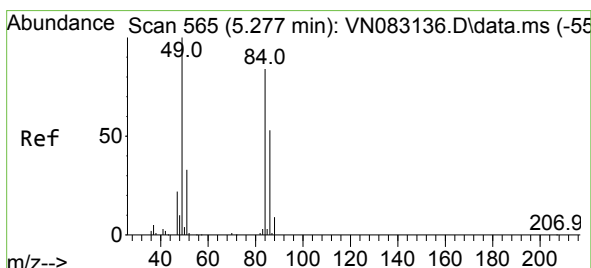
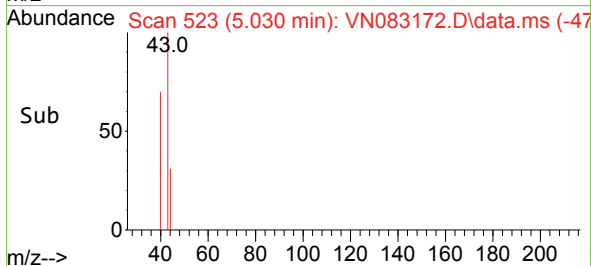
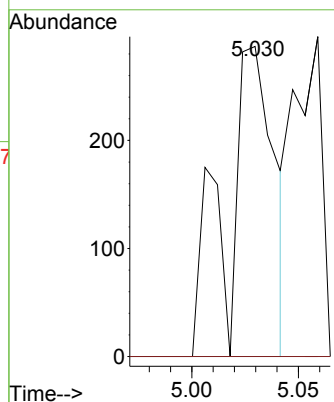


#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

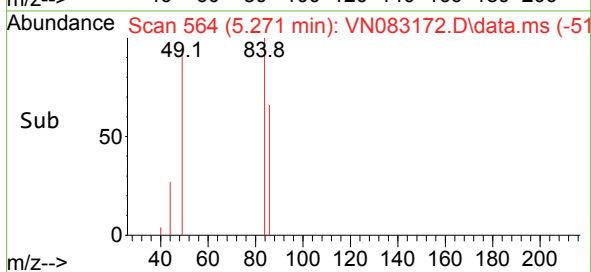
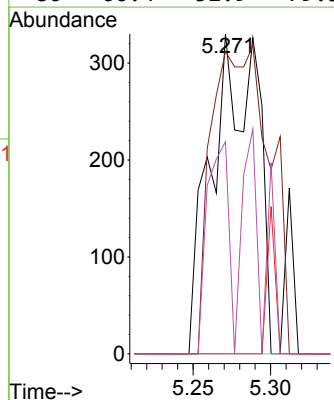
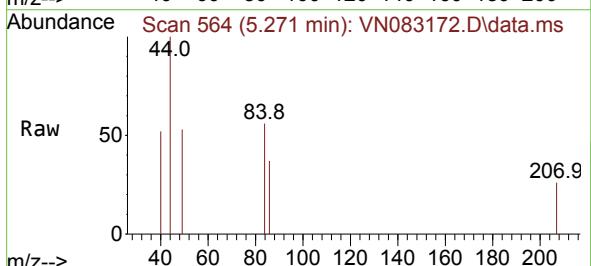


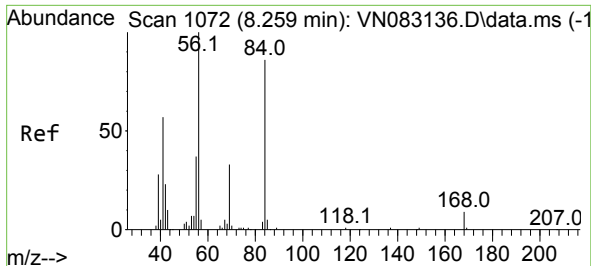
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

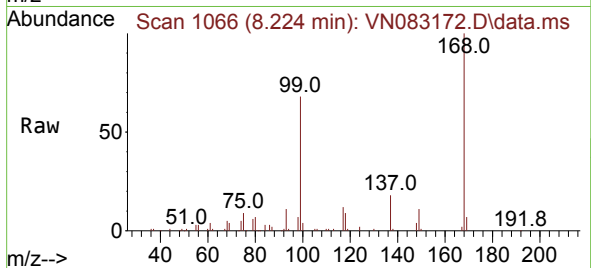
Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 94.5 119.6 179.4#
51 0.0 34.8 52.2#
86 66.4 52.9 79.3



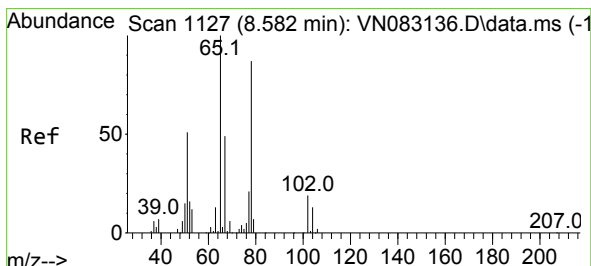
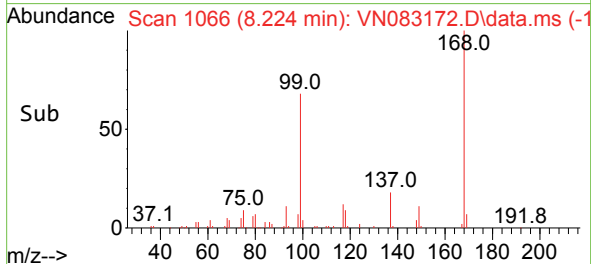
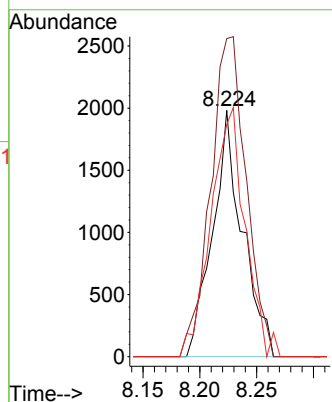


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

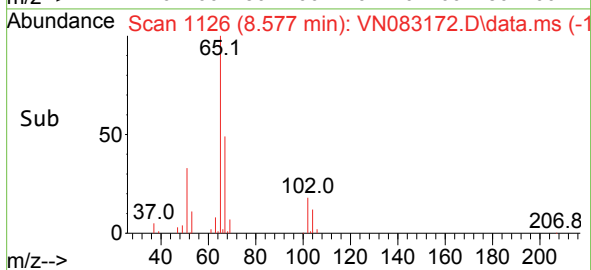
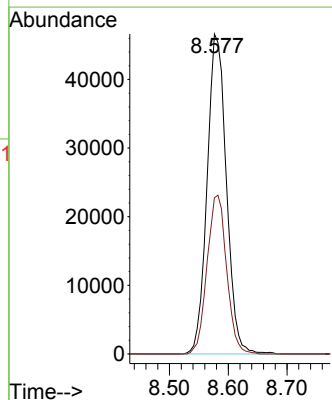
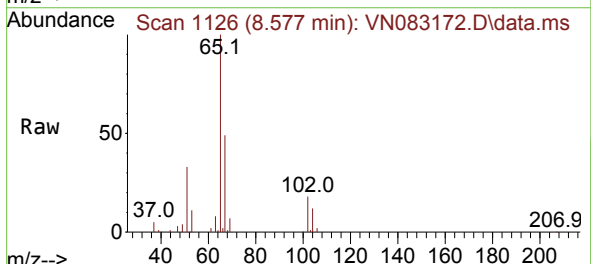


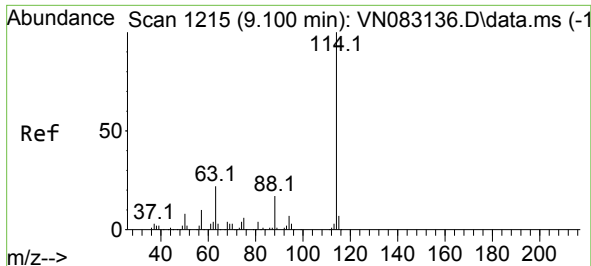
Tgt Ion: 56 Resp: 3613
Ion Ratio Lower Upper
56 100
69 129.2 24.5 36.7#
84 94.3 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.712 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

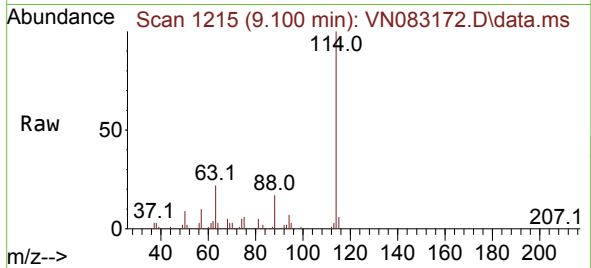
Tgt Ion: 65 Resp: 106267
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



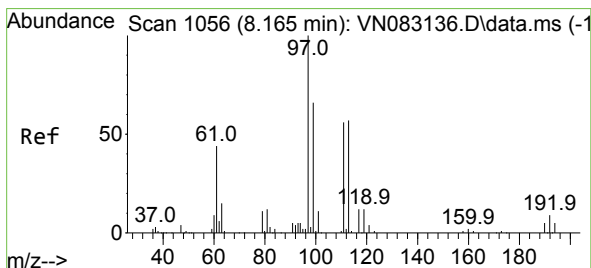
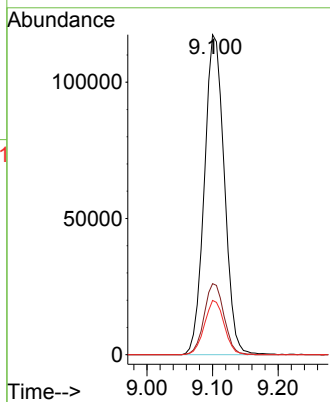
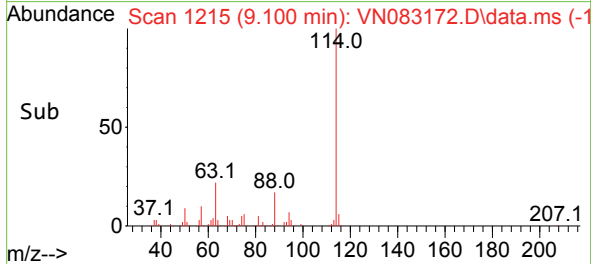


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

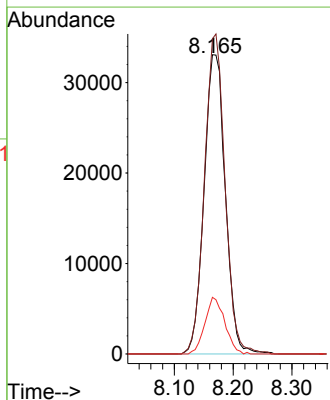
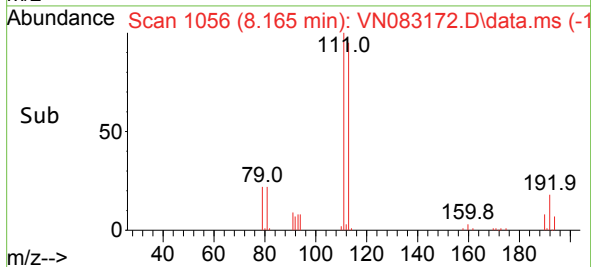
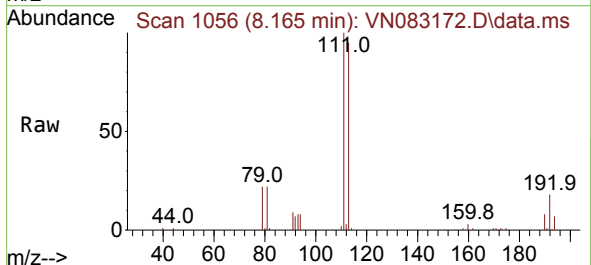


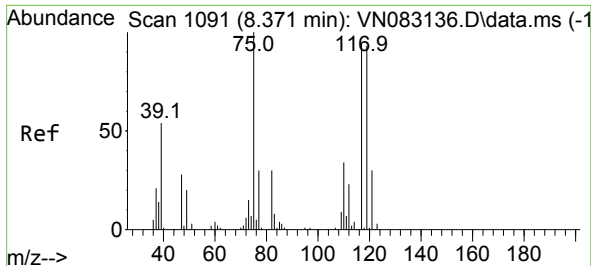
Tgt Ion:114 Resp: 248253
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.631 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion:113 Resp: 83104
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

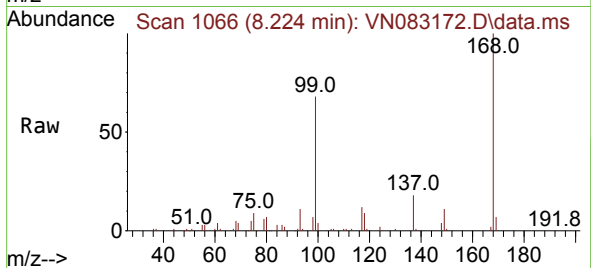
Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :



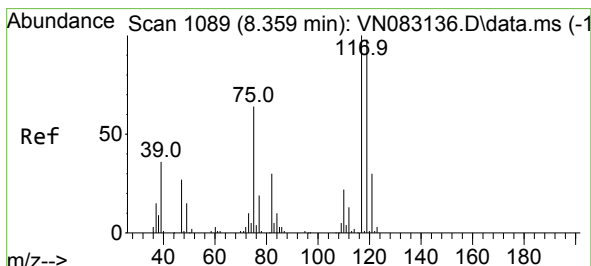
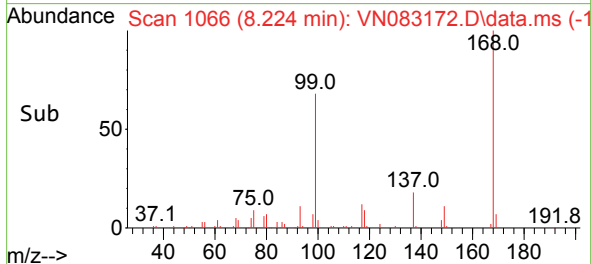
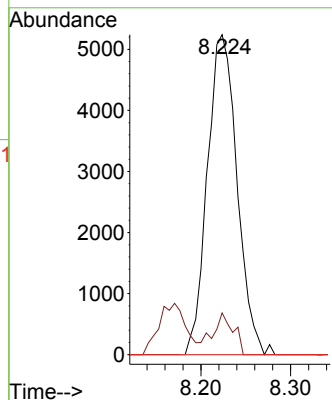
Tgt Ion: 75 Resp: 12057

Ion Ratio Lower Upper

75 100

110 8.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.853 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

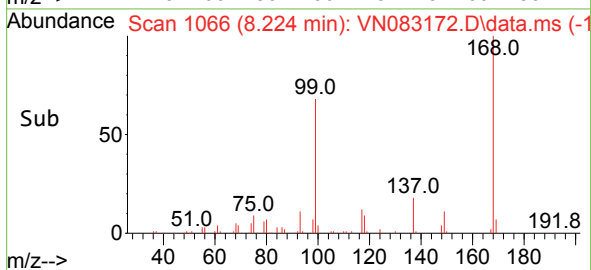
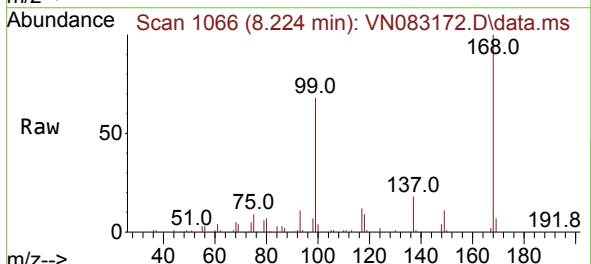
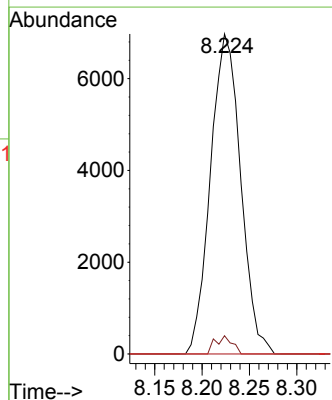
Tgt Ion: 117 Resp: 15452

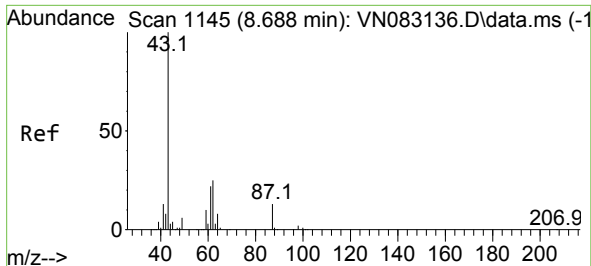
Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

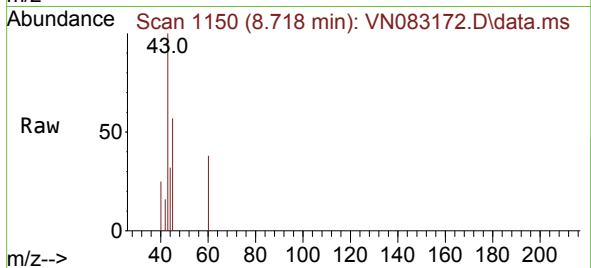
121 0.0 24.3 36.5#



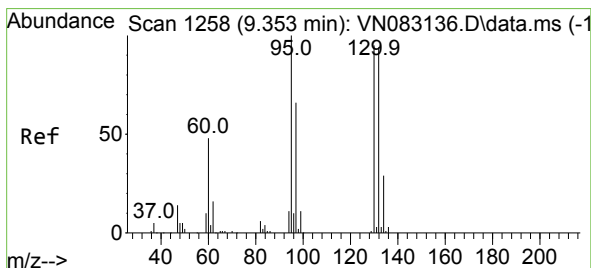
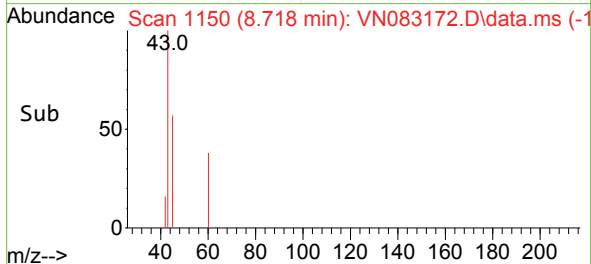
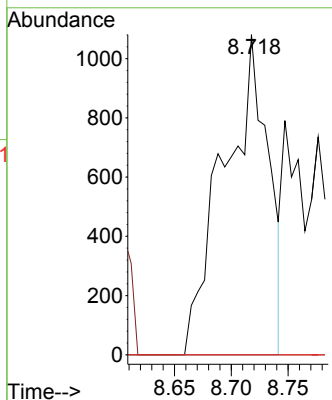


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

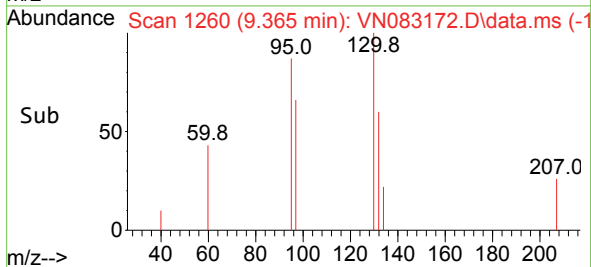
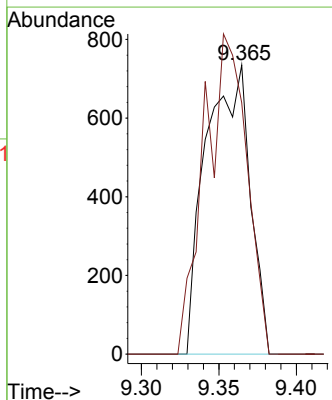
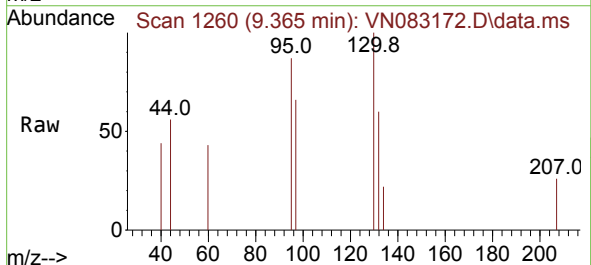


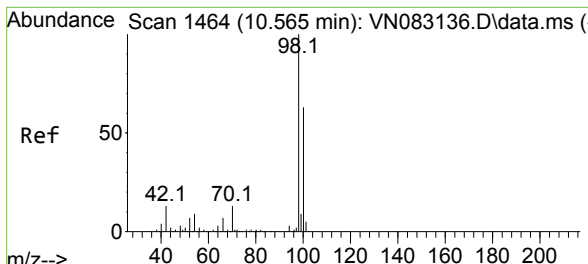
Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 0.874 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 130 Resp: 1453
Ion Ratio Lower Upper
130 100
95 86.9 0.0 197.8

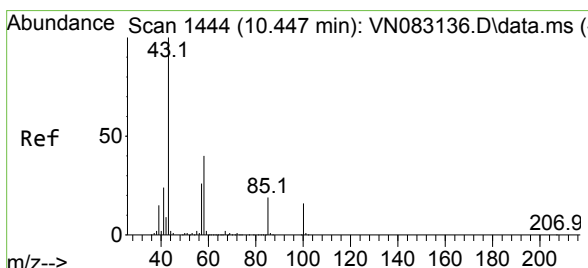
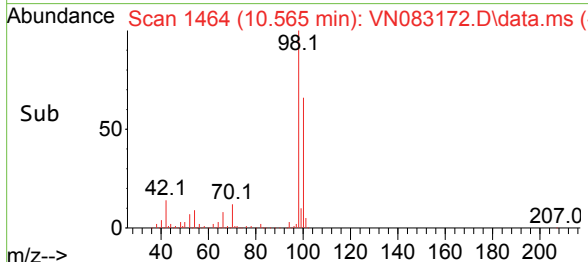
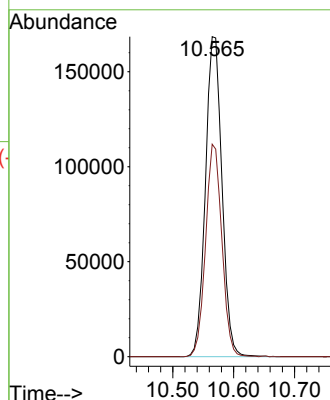
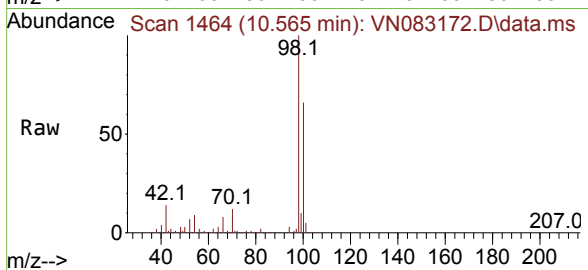




#50
Toluene-d8
Concen: 54.932 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

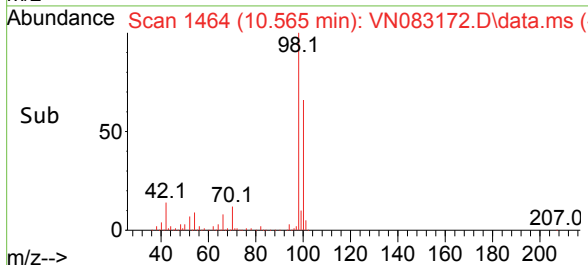
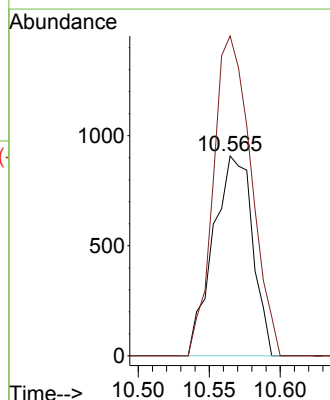
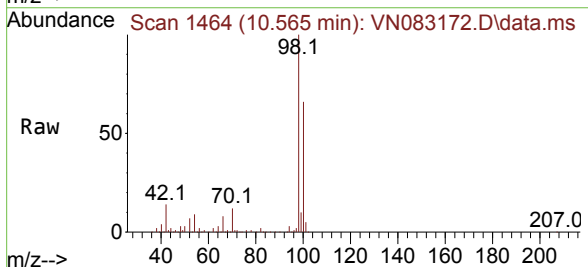
Instrument :
MSVOA_N
ClientSampleId :

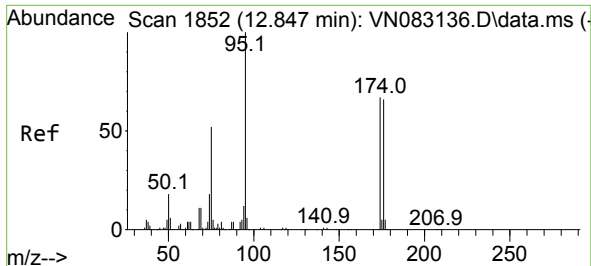
Tgt Ion: 98 Resp: 317516
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.704 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 154.1 28.2 42.4#

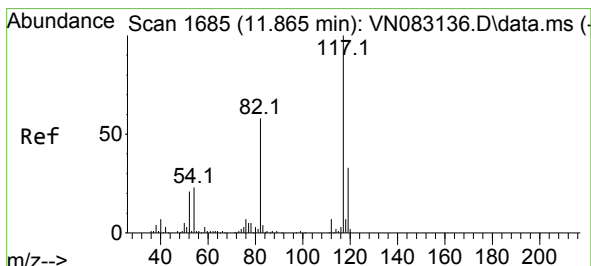
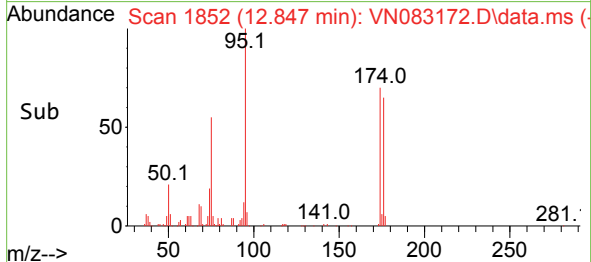
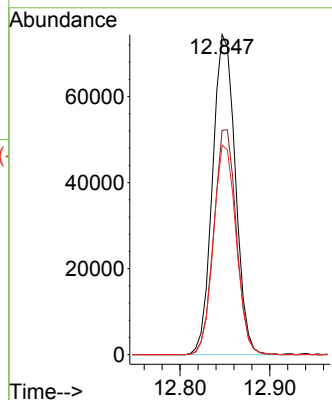
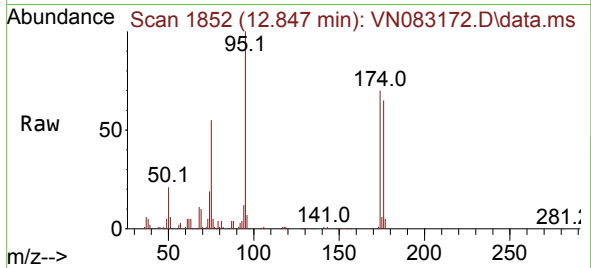




#62
4-Bromofluorobenzene
Concen: 58.169 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

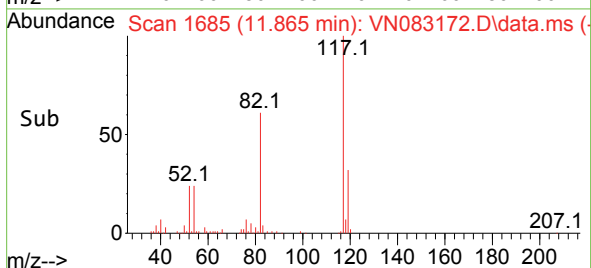
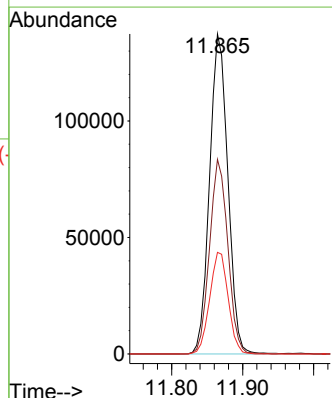
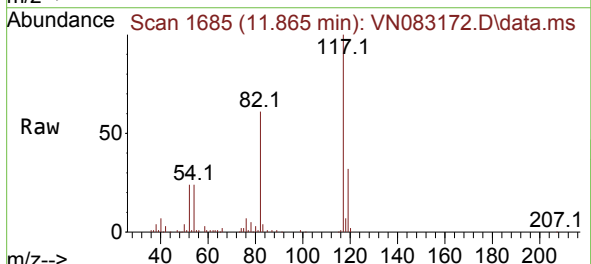
Instrument :
MSVOA_N
ClientSampleId :

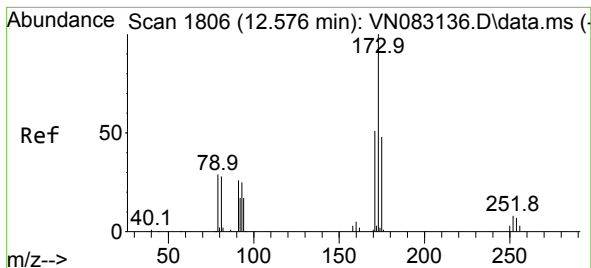
Tgt Ion: 95 Resp: 131080
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 65.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 117 Resp: 245352
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 31.8 25.6 38.4





#71

Bromoform

Concen: 0.375 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

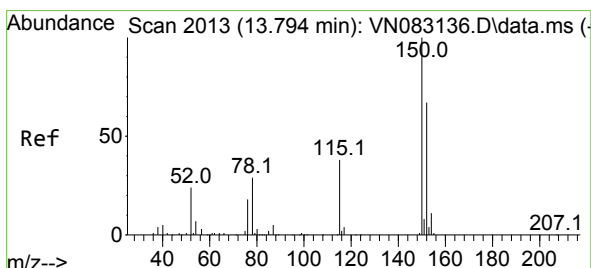
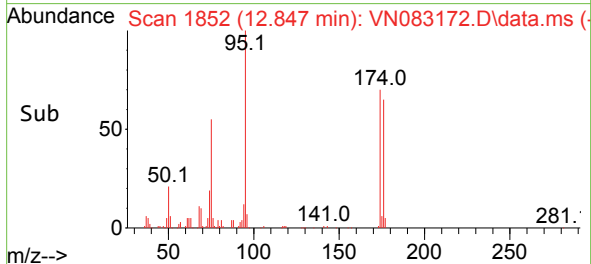
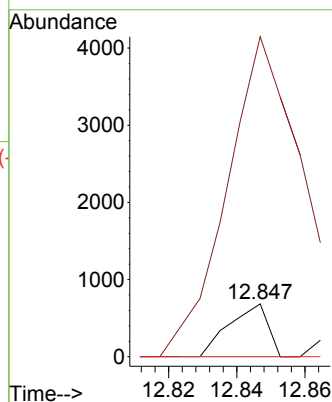
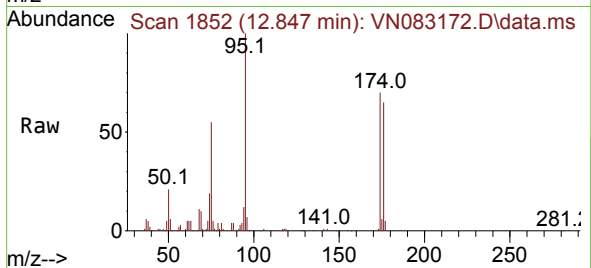
Tgt Ion:173 Resp: 543

Ion Ratio Lower Upper

173 100

175 872.9 24.0 72.0#

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: VN083172.D

Acq: 09 Aug 2024 10:50

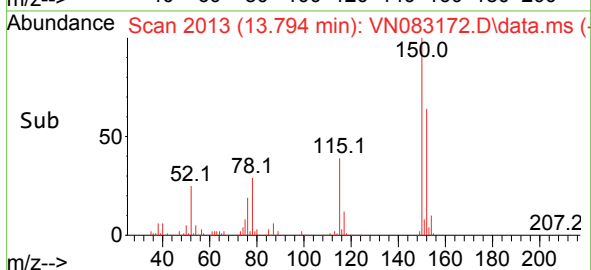
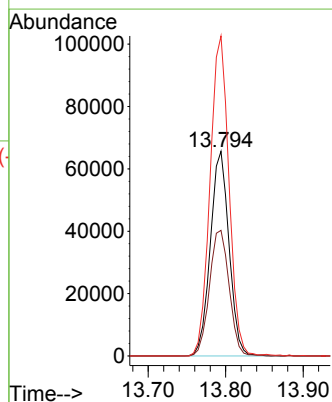
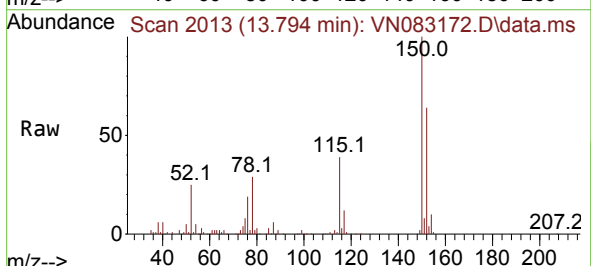
Tgt Ion:152 Resp: 110136

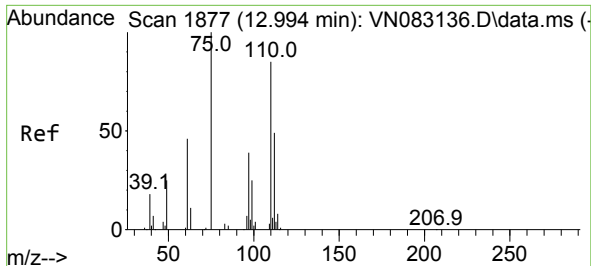
Ion Ratio Lower Upper

152 100

115 64.5 30.6 91.6

150 157.9 0.0 348.6

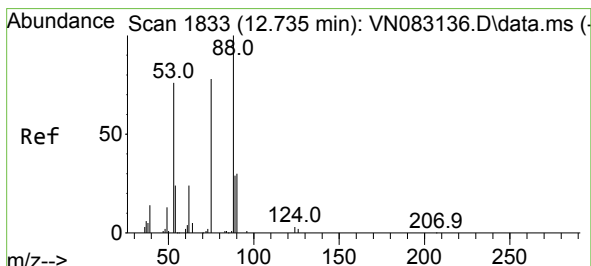
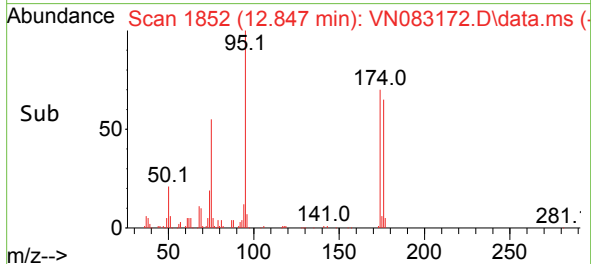
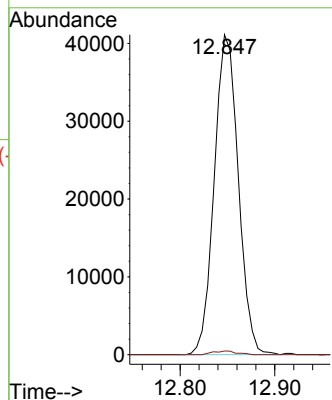
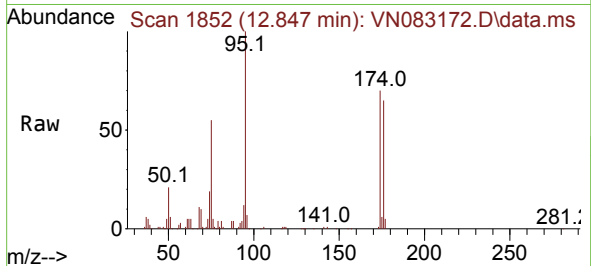




#76
1,2,3-Trichloropropane
Concen: 29.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72487
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.231 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 75 Resp: 72487
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

