

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083076.D
 Acq On : 30 Jul 2024 18:40
 Operator : JC\MD
 Sample : PB162353ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:06:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

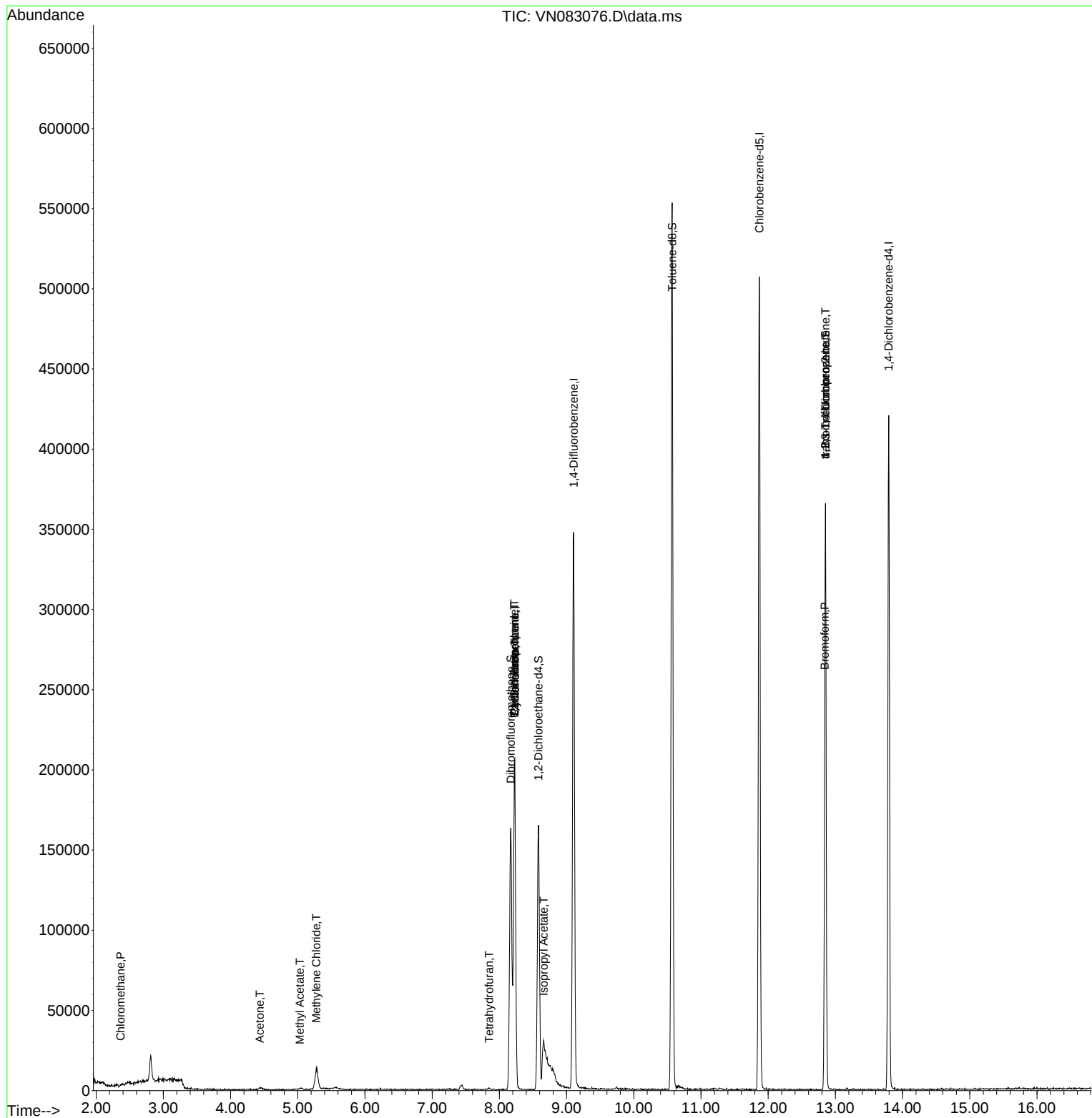
Internal Standards						
1) Pentafluorobenzene	8.229	168	139153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	289950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135148	69.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 138.560%#			
35) Dibromofluoromethane	8.171	113	113688	62.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.280%#			
50) Toluene-d8	10.571	98	375428	55.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.120%			
62) 4-Bromofluorobenzene	12.853	95	108182	44.569	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.140%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	481	0.282	ug/l #	64
16) Acetone	4.436	43	989	1.440	ug/l	96
18) Methyl Acetate	5.030	43	1676	0.922	ug/l #	63
20) Methylene Chloride	5.277	84	9646	5.816	ug/l #	90
29) Tetrahydrofuran	7.847	42	570	0.873	ug/l #	48
31) Cyclohexane	8.229	56	3781	1.483	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	13156	5.216	ug/l #	50
38) Carbon Tetrachloride	8.224	117	15658	5.156	ug/l #	19
43) Isopropyl Acetate	8.659	43	61605	10.370	ug/l #	60
71) Bromoform	12.841	173	444	0.255	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	62473	33.491	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	62473	65.867	ug/l #	6

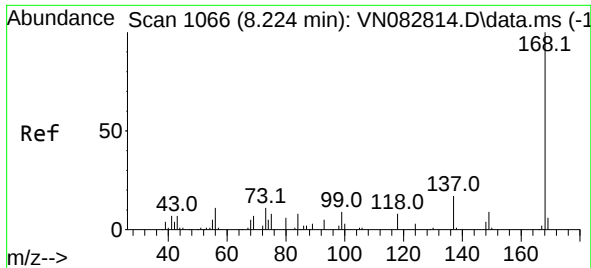
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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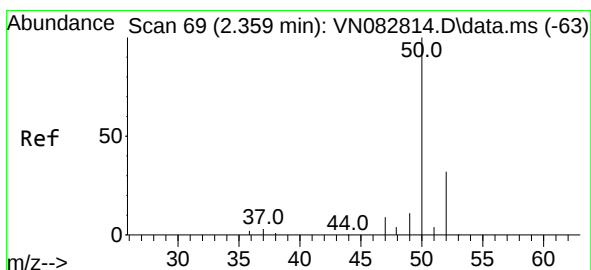
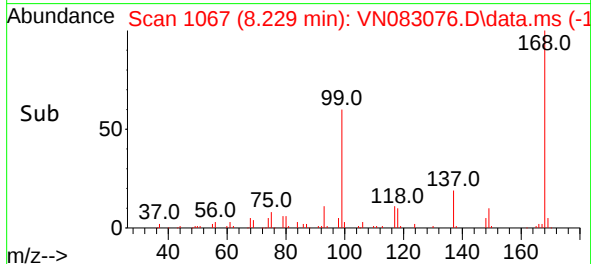
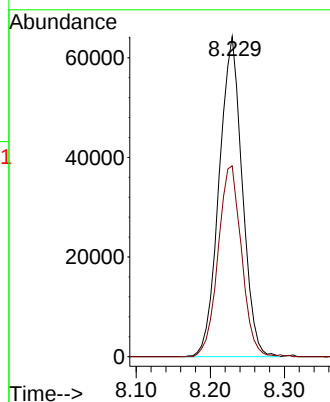
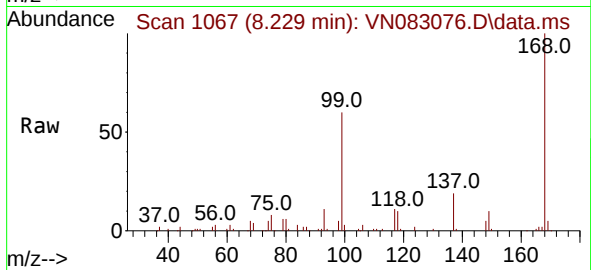




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

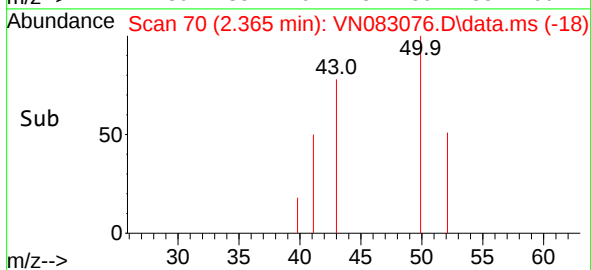
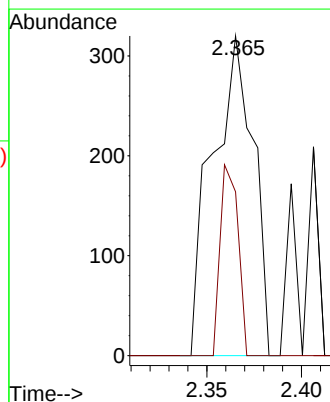
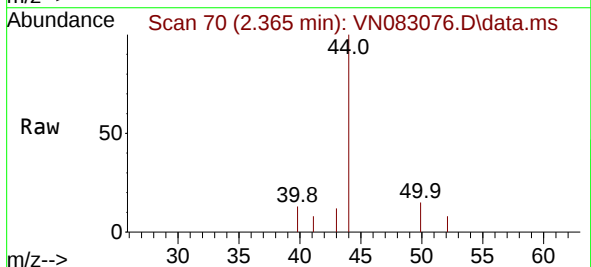
Instrument :
MSVOA_N
ClientSampleId :

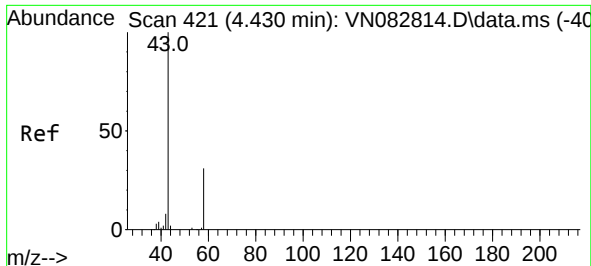
Tgt Ion:168 Resp: 139153
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#3
Chloromethane
Concen: 0.282 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 51.3 25.0 37.4#

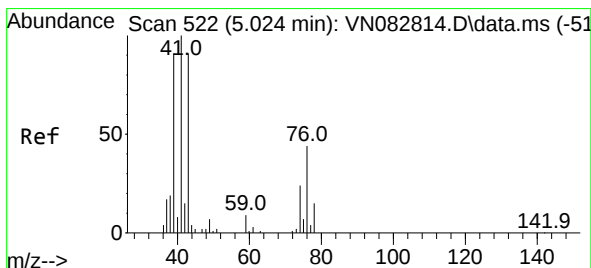
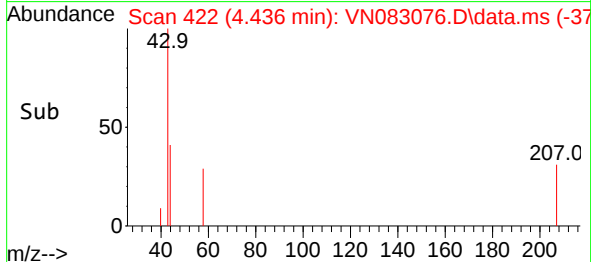
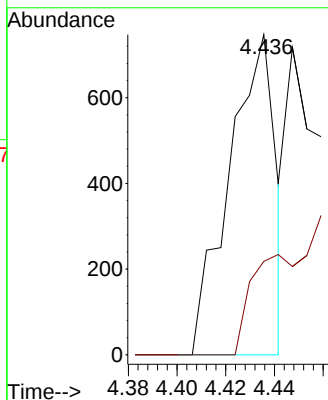
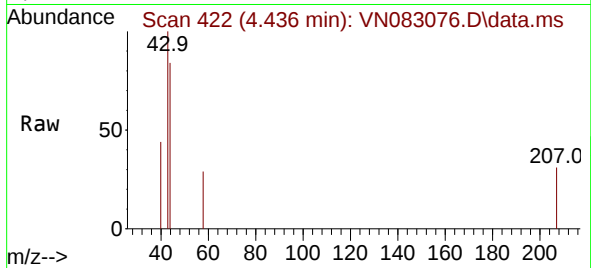




#16
Acetone
Concen: 1.440 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

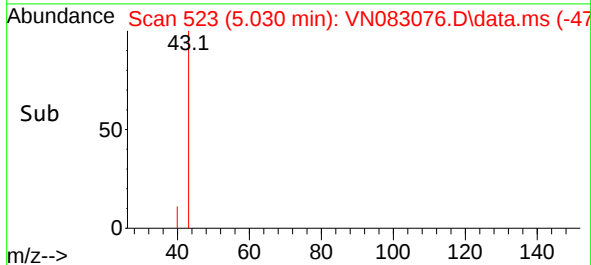
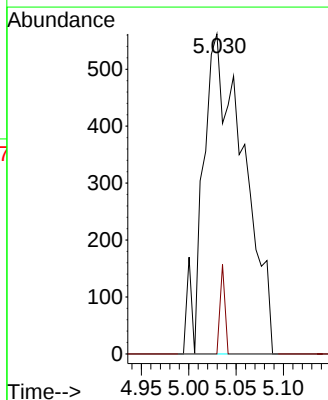
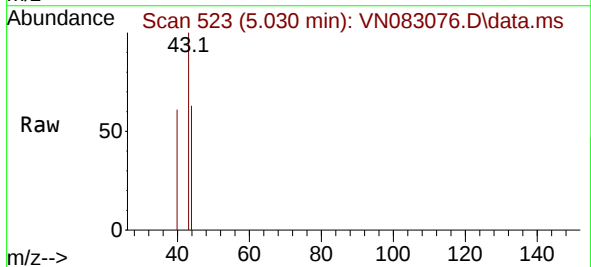
Instrument :
MSVOA_N
ClientSampleId :

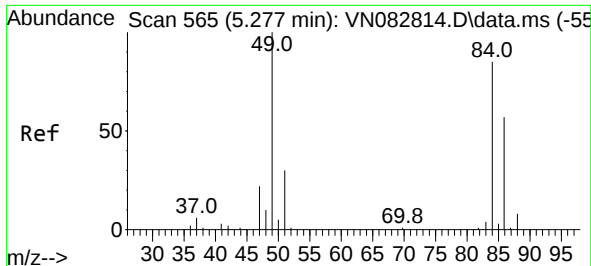
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 29.2 21.8 32.6



#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

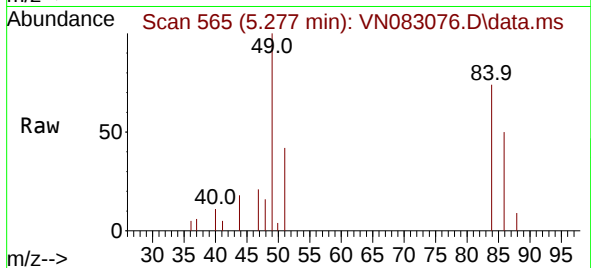
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
74 3.3 16.3 24.5#



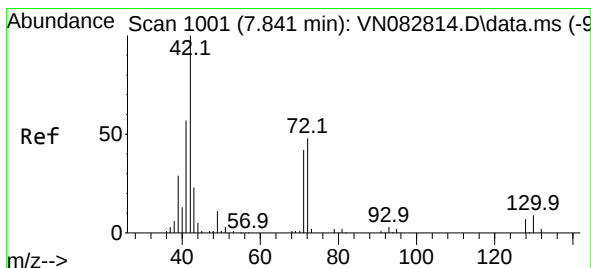
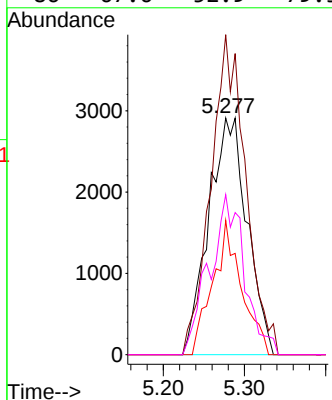


#20
Methylene Chloride
Concen: 5.816 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

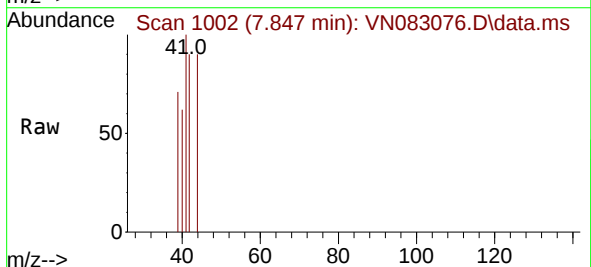
Instrument :
MSVOA_N
ClientSampleId :



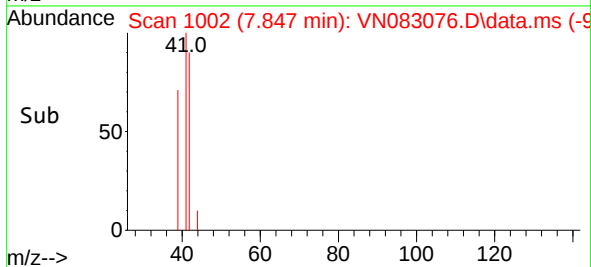
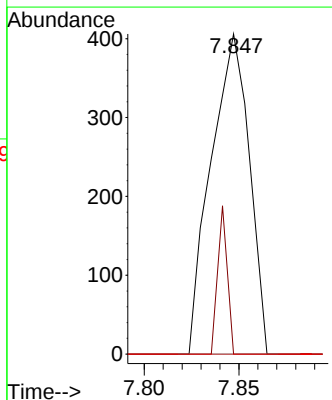
Tgt Ion: 84	Resp: 9646
Ion Ratio	Lower Upper
84 100	
49 135.2	119.6 179.4
51 56.8	34.8 52.2#
86 67.6	52.9 79.3

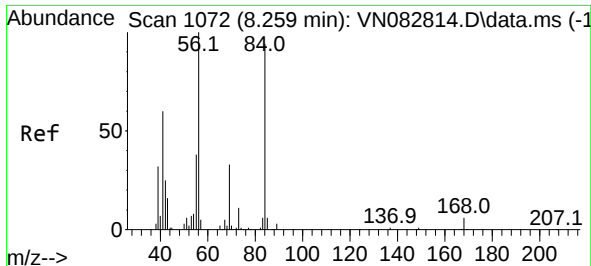


#29
Tetrahydrofuran
Concen: 0.873 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40



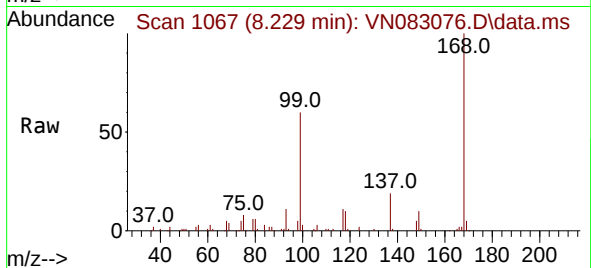
Tgt Ion: 42	Resp: 570
Ion Ratio	Lower Upper
42 100	
72 11.6	30.0 45.0#
71 0.0	28.3 42.5#



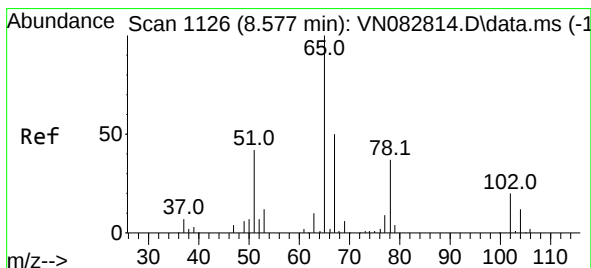
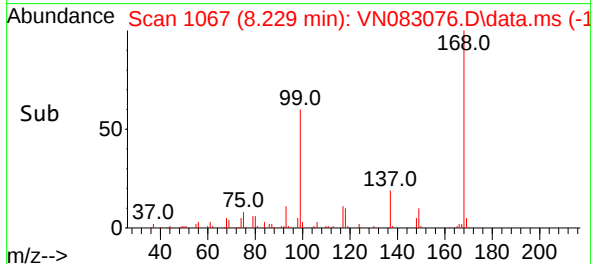
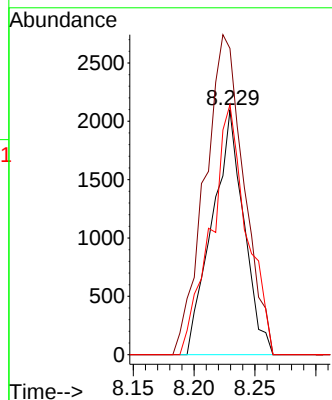


#31
Cyclohexane
Concen: 1.483 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

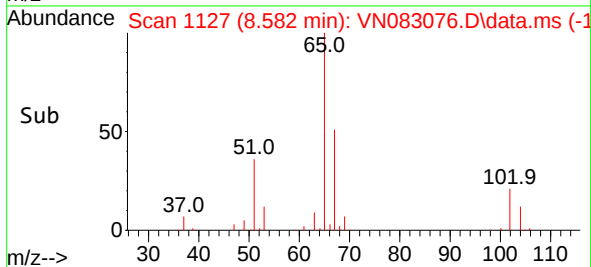
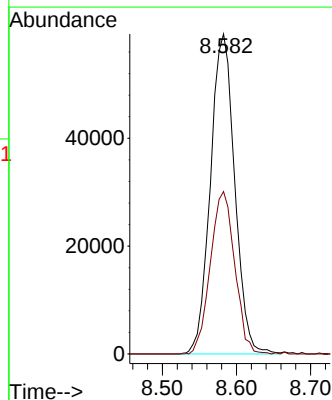
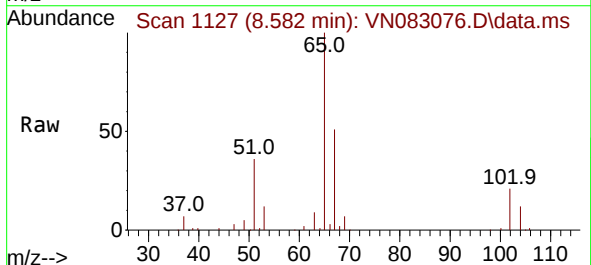


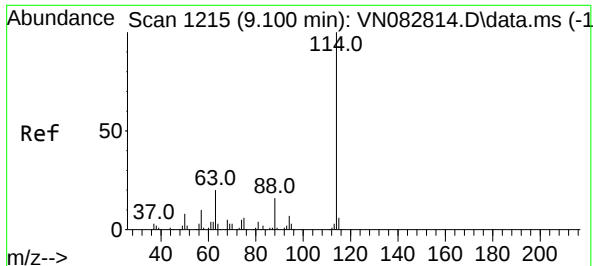
Tgt Ion: 56 Resp: 3781
Ion Ratio Lower Upper
56 100
69 125.1 24.5 36.7#
84 102.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 69.284 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Tgt Ion: 65 Resp: 135148
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

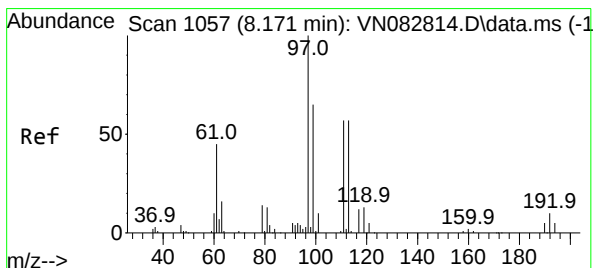
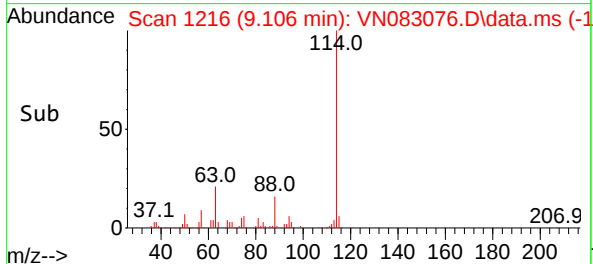
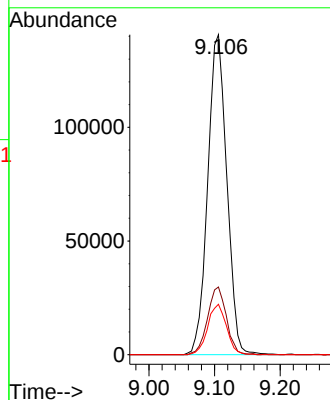
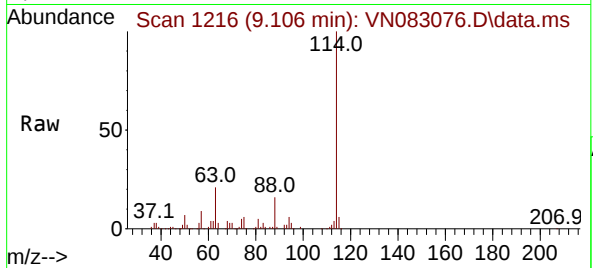




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN083076.D
 Acq: 30 Jul 2024 18:40

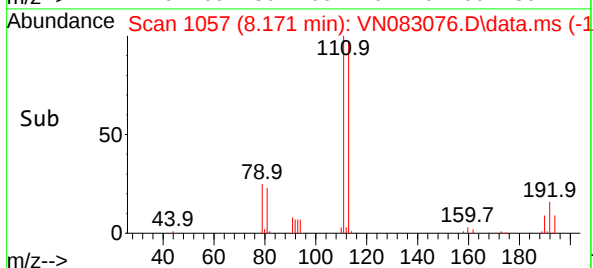
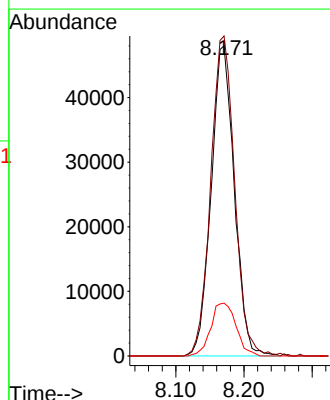
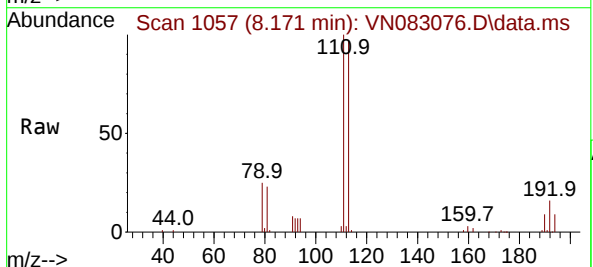
Instrument :
 MSVOA_N
 ClientSampleId :

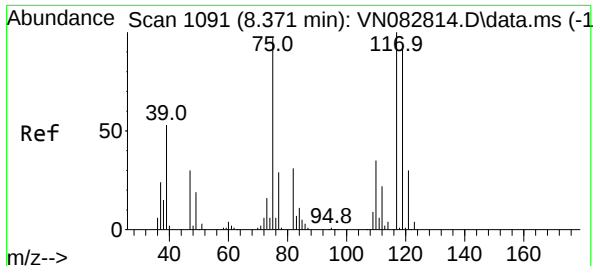
Tgt Ion:114 Resp: 285119
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.6
 88 15.7 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 62.140 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083076.D
 Acq: 30 Jul 2024 18:40

Tgt Ion:113 Resp: 113688
 Ion Ratio Lower Upper
 113 100
 111 106.0 82.4 123.6
 192 18.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083076.D

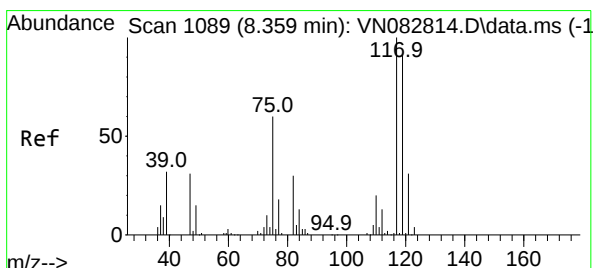
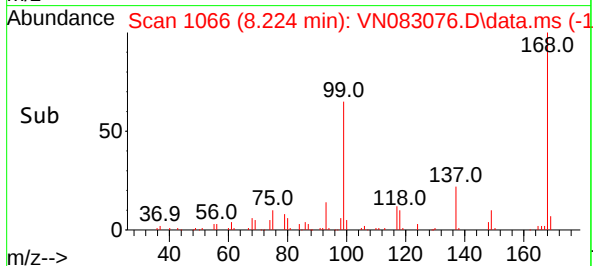
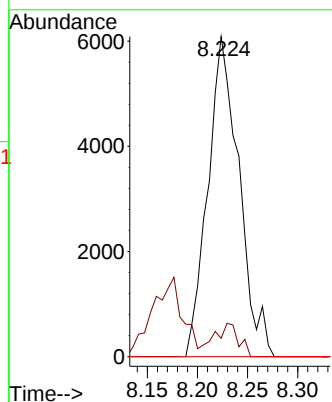
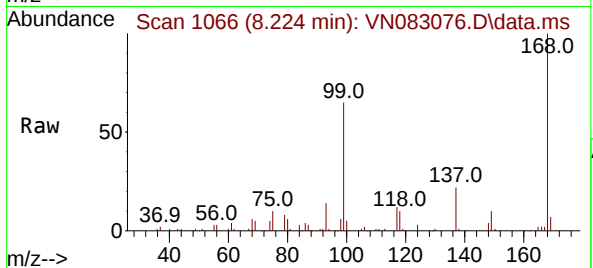
Acq: 30 Jul 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	13156
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.156 ug/l

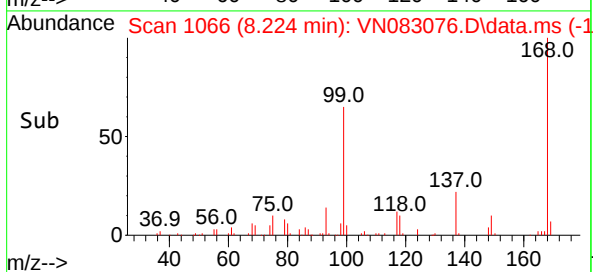
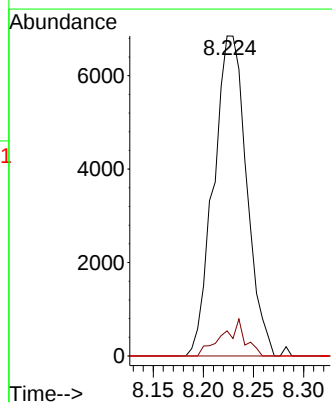
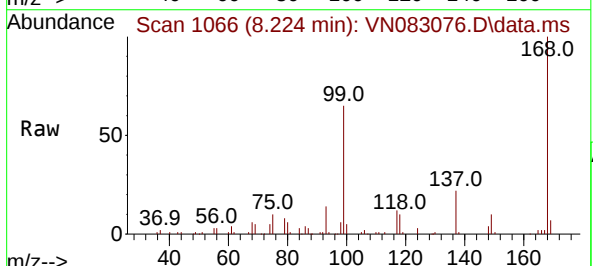
RT: 8.224 min Scan# 1066

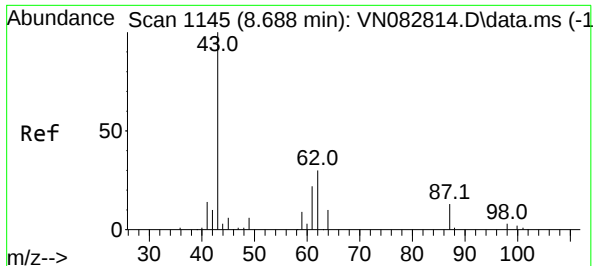
Delta R.T. -0.141 min

Lab File: VN083076.D

Acq: 30 Jul 2024 18:40

Tgt Ion:	117	Resp:	15658
Ion	Ratio	Lower	Upper
117	100		
119	7.8	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: 10.370 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.035 min

Lab File: VN083076.D

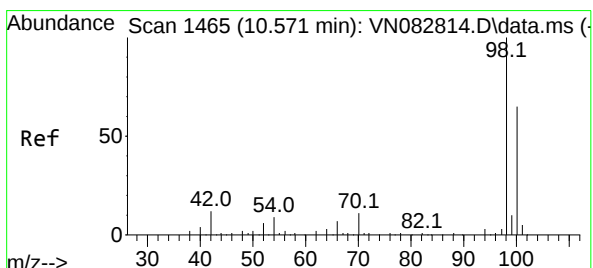
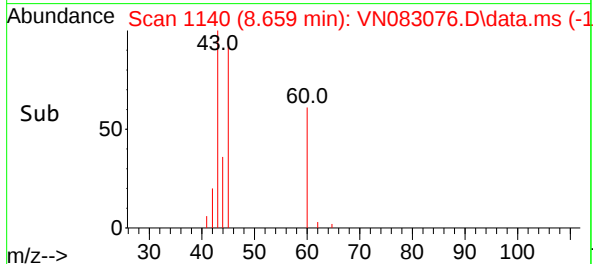
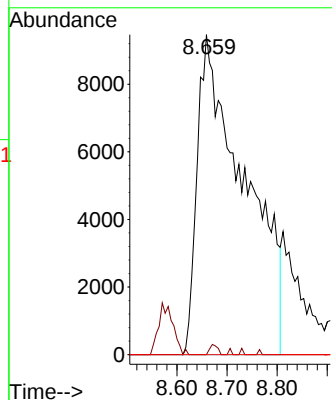
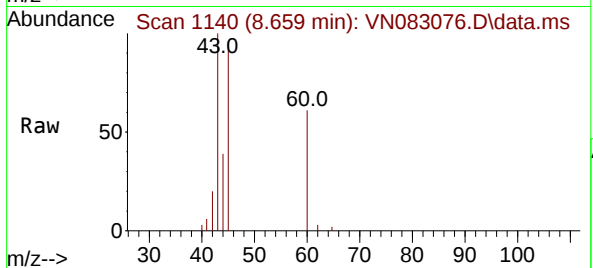
Acq: 30 Jul 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 61605
Ion Ratio	Lower Upper
43	100
61	0.5 17.8 26.6#
87	0.0 8.2 12.2#



#50

Toluene-d8

Concen: 55.558 ug/l

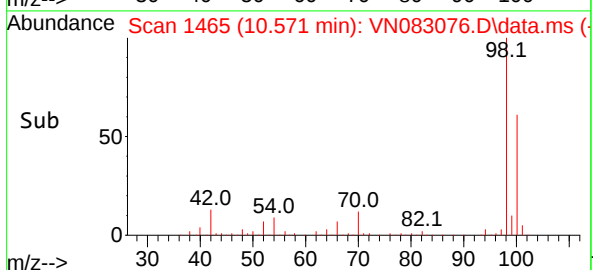
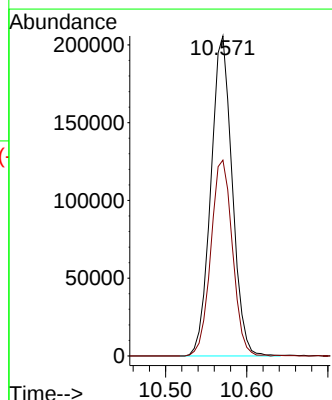
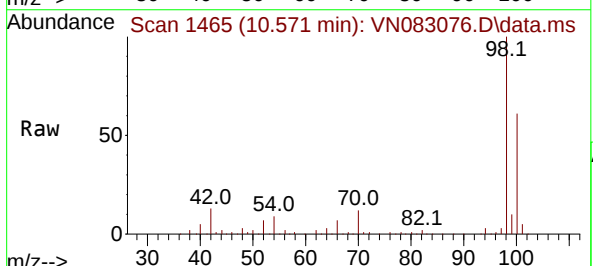
RT: 10.571 min Scan# 1465

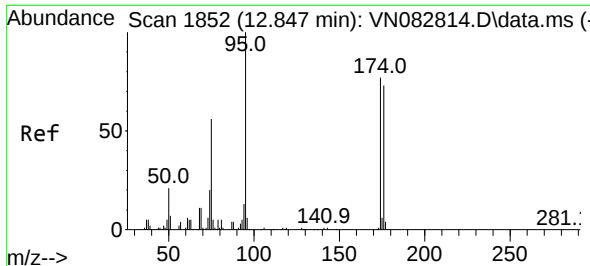
Delta R.T. 0.001 min

Lab File: VN083076.D

Acq: 30 Jul 2024 18:40

Tgt Ion: 98	Resp: 375428
Ion Ratio	Lower Upper
98	100
100	62.0 51.5 77.3

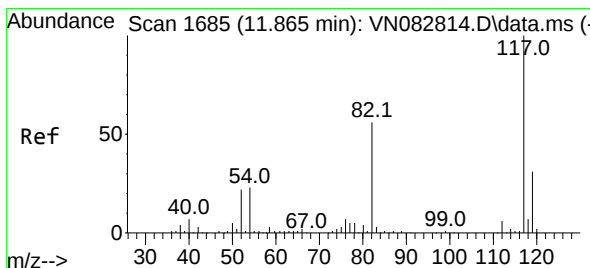
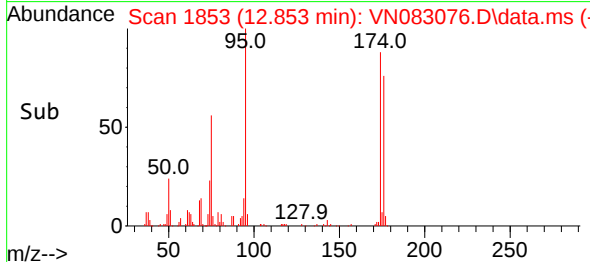
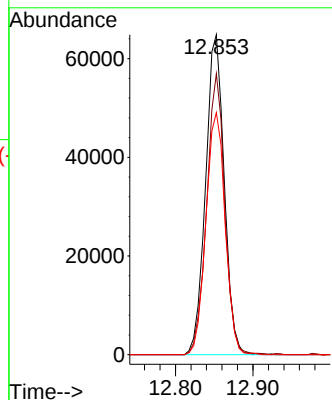
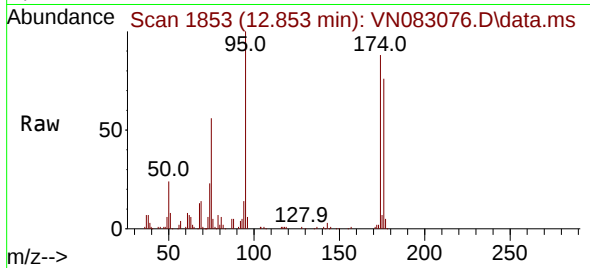




#62
4-Bromofluorobenzene
Concen: 44.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

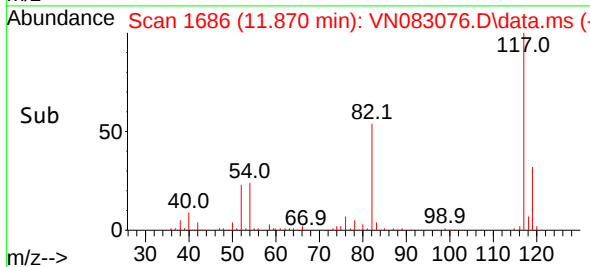
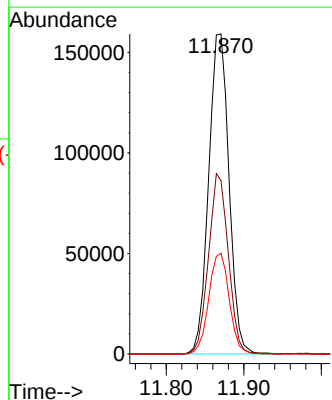
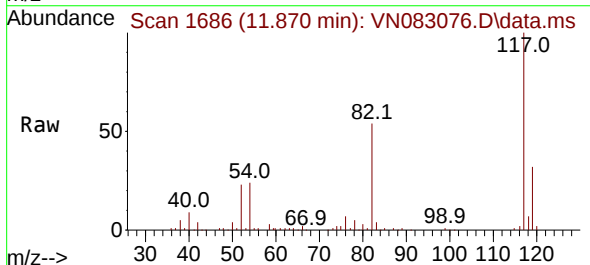
Instrument :
MSVOA_N
ClientSampleId :

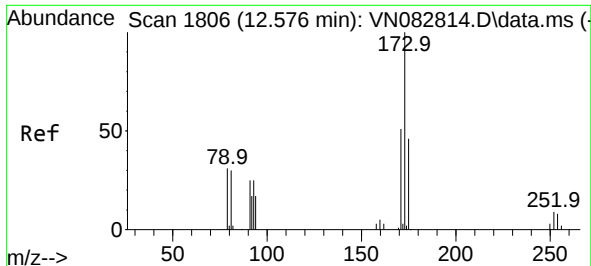
Tgt Ion: 95 Resp: 108182
Ion Ratio Lower Upper
95 100
174 85.2 0.0 159.2
176 78.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

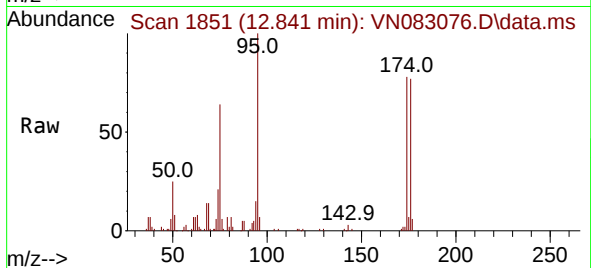
Tgt Ion: 117 Resp: 289950
Ion Ratio Lower Upper
117 100
82 54.2 47.5 71.3
119 31.5 25.6 38.4



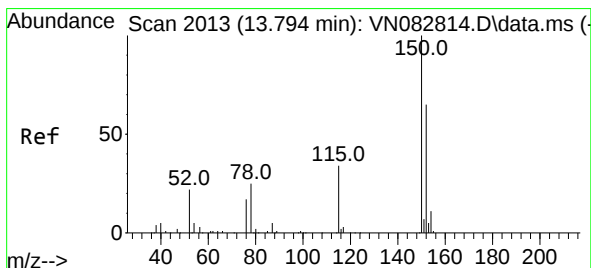
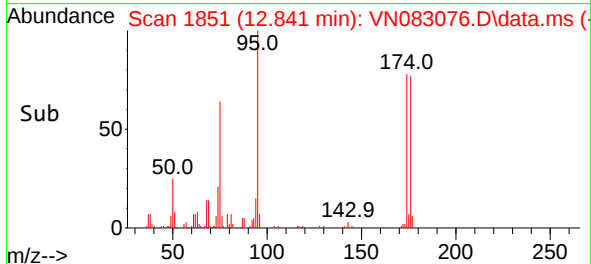
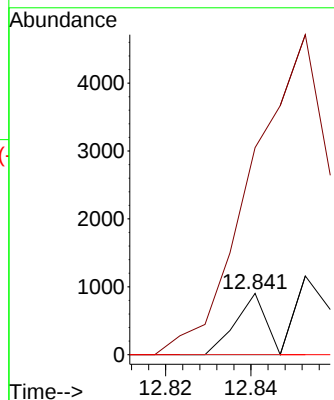


#71
Bromoform
Concen: 0.255 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

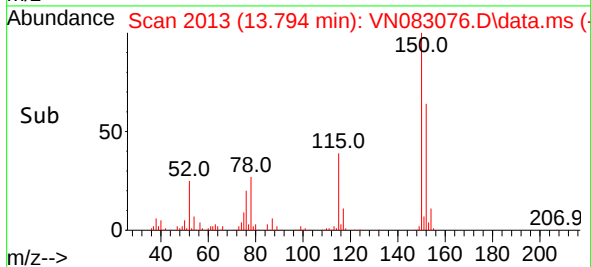
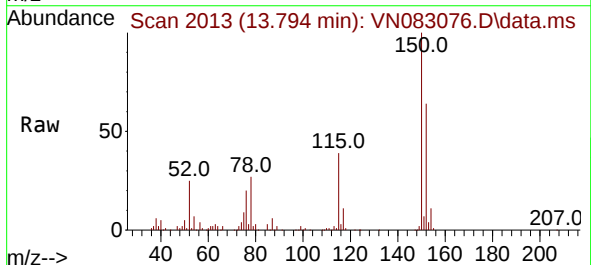
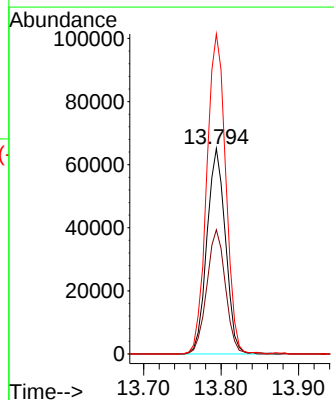


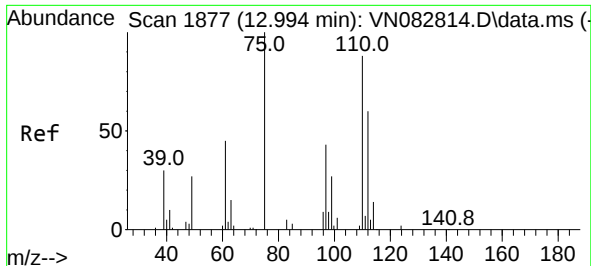
Tgt Ion:173 Resp: 444
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Tgt Ion:152 Resp: 108196
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 159.4 0.0 348.6

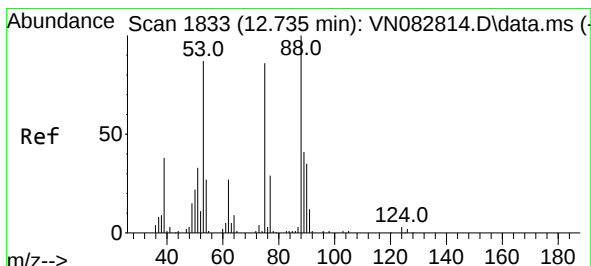
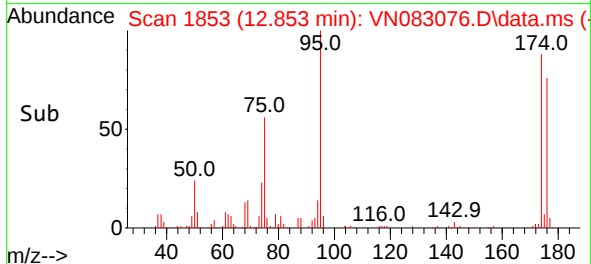
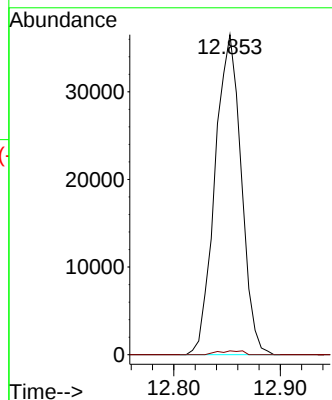
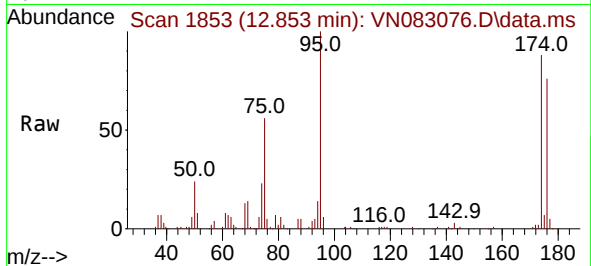




#76
1,2,3-Trichloropropane
Concen: 33.491 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62473
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.867 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Tgt Ion: 75 Resp: 62473
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#

