

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083079.D
 Acq On : 30 Jul 2024 19:53
 Operator : JC\MD
 Sample : PB162353ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:08:19 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)

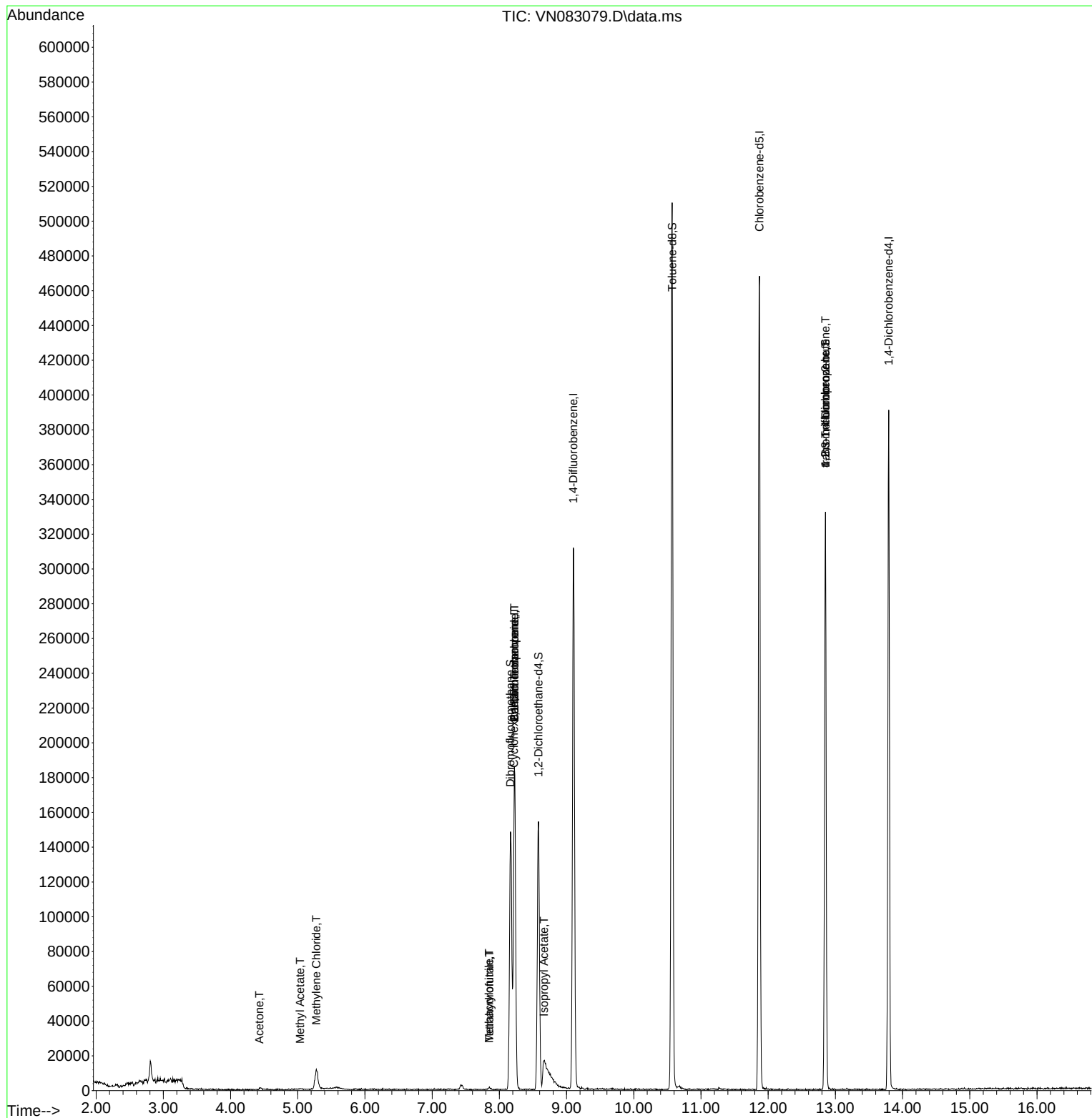
Internal Standards						
1) Pentafluorobenzene	8.224	168	128050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	267219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126827	70.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 141.320%#	
35) Dibromofluoromethane	8.165	113	106500	62.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.820%#	
50) Toluene-d8	10.571	98	341852	54.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.853	95	99637	44.362	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 88.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	633	1.002	ug/l #	48
18) Methyl Acetate	5.036	43	796	0.476	ug/l #	56
20) Methylene Chloride	5.277	84	9260	6.067	ug/l #	77
29) Tetrahydrofuran	7.853	42	667	1.110	ug/l #	65
31) Cyclohexane	8.218	56	3724	1.587	ug/l #	61
36) 1,1-Dichloropropene	8.224	75	12332	5.284	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14436	5.137	ug/l #	17
41) Methacrylonitrile	7.847	41	480	0.375	ug/l #	43
43) Isopropyl Acetate	8.665	43	22030	2.073	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	58214	35.595	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58214	70.005	ug/l #	6

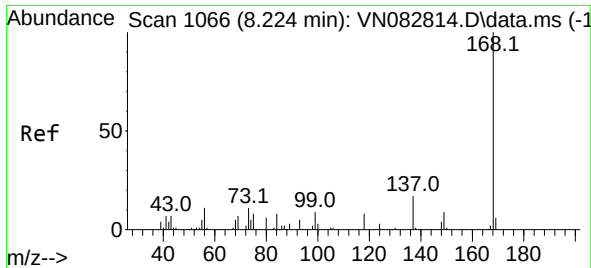
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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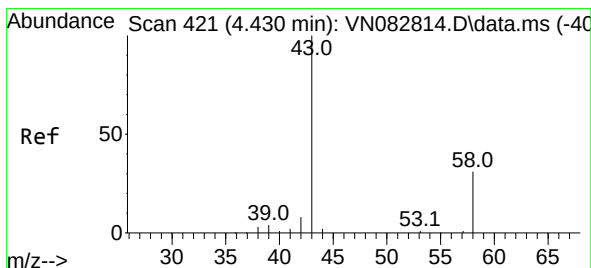
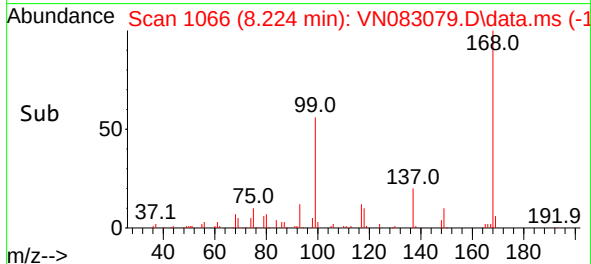
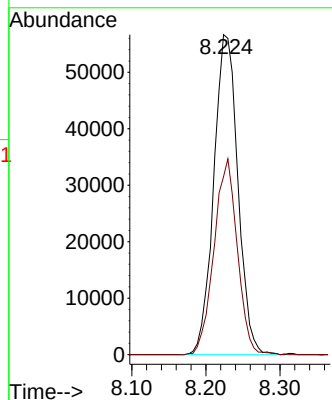
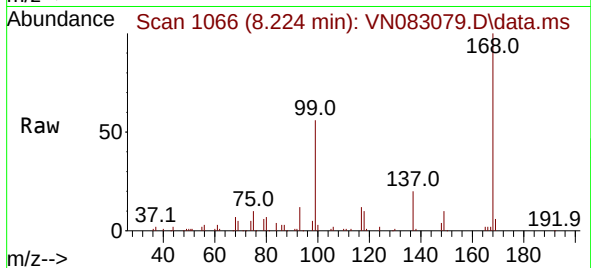




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

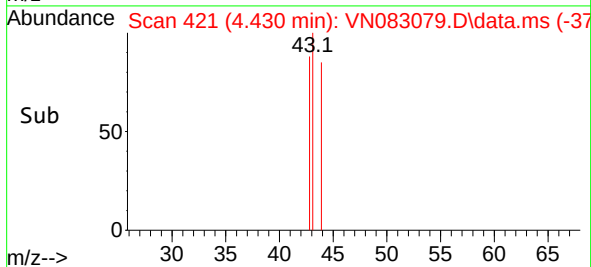
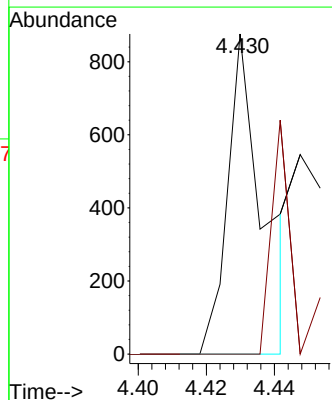
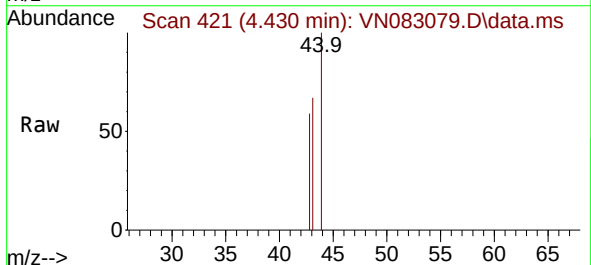
Instrument :
MSVOA_N
ClientSampleId :

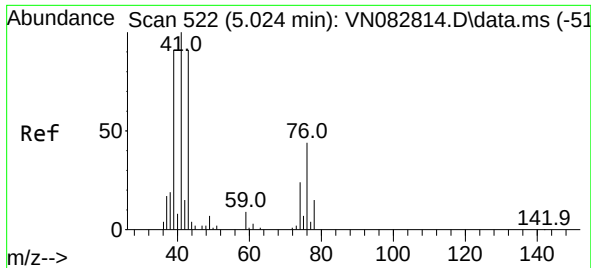
Tgt Ion:168 Resp: 128050
Ion Ratio Lower Upper
168 100
99 55.6 48.2 72.4



#16
Acetone
Concen: 1.002 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

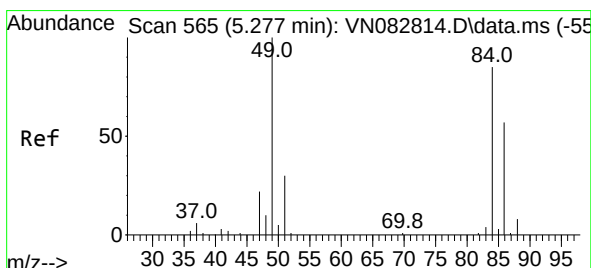
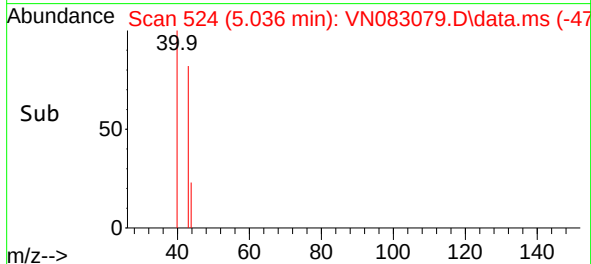
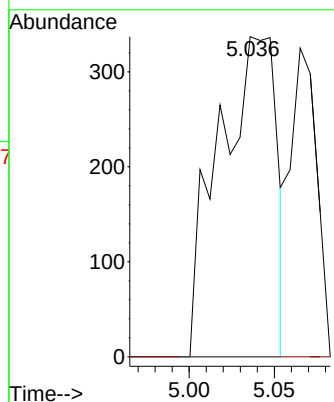
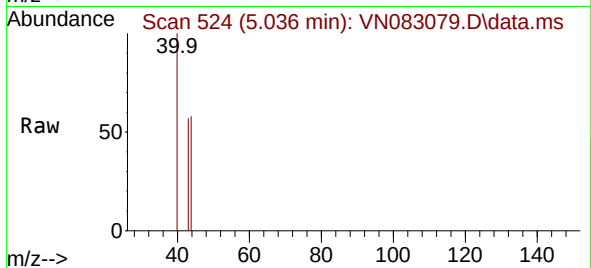




#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

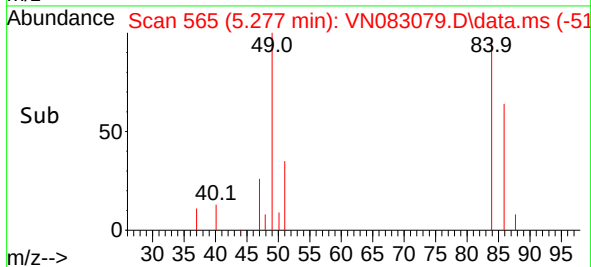
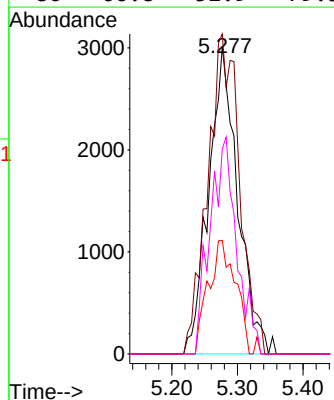
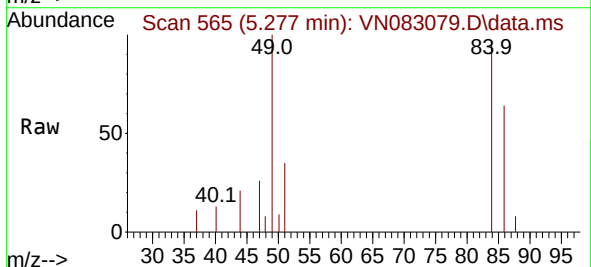
Instrument :
MSVOA_N
ClientSampleId :

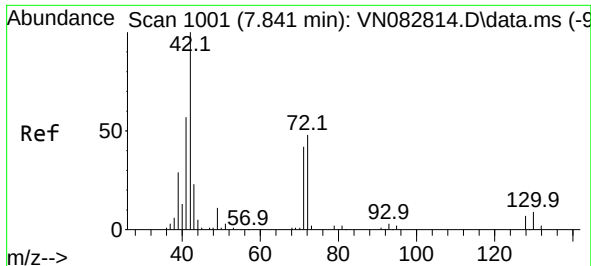
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.067 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Tgt Ion: 84 Resp: 9260
Ion Ratio Lower Upper
84 100
49 104.2 119.6 179.4#
51 37.0 34.8 52.2
86 66.8 52.9 79.3

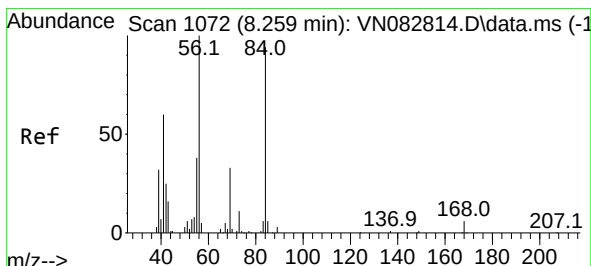
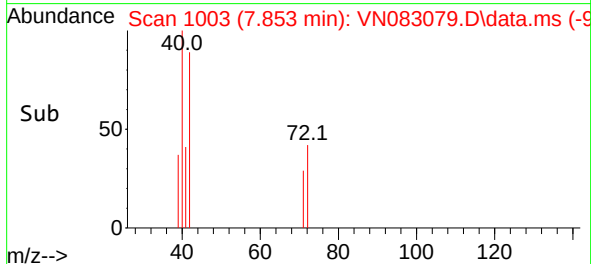
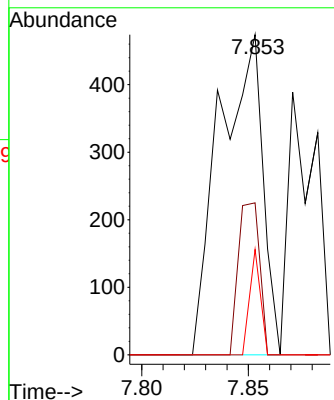
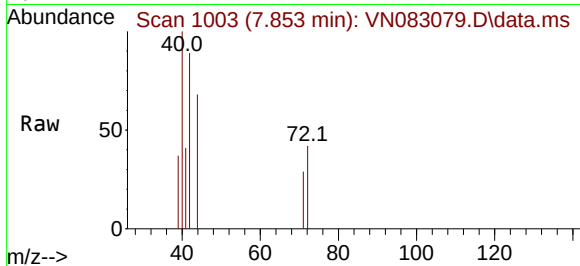




#29
Tetrahydrofuran
Concen: 1.110 ug/l
RT: 7.853 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

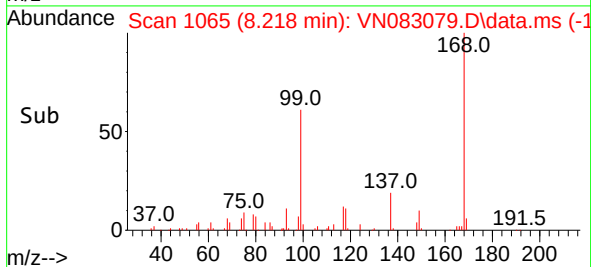
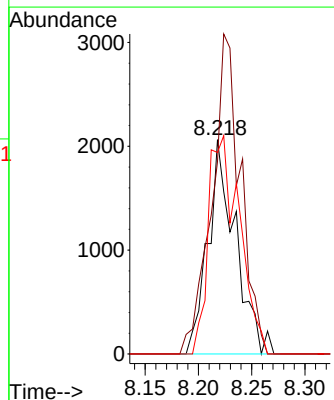
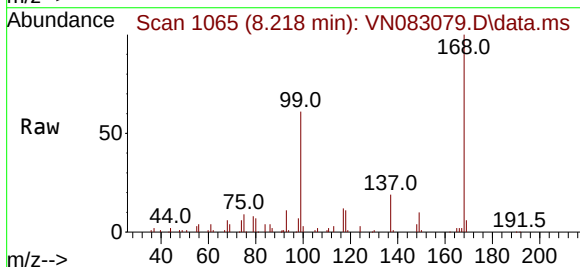
Instrument :
MSVOA_N
ClientSampleId :

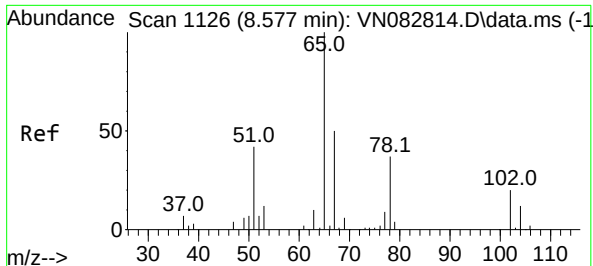
Tgt Ion: 42 Resp: 667
Ion Ratio Lower Upper
42 100
72 23.5 30.0 45.0#
71 8.2 28.3 42.5#



#31
Cyclohexane
Concen: 1.587 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Tgt Ion: 56 Resp: 3724
Ion Ratio Lower Upper
56 100
69 89.7 24.5 36.7#
84 94.0 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 70.656 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

Instrument :

MSVOA_N

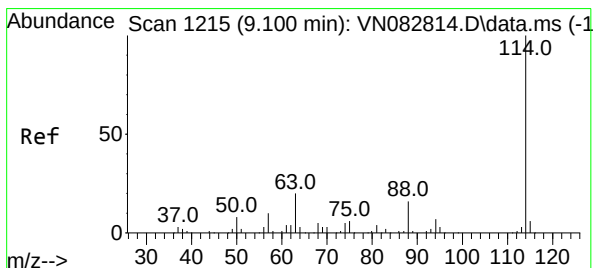
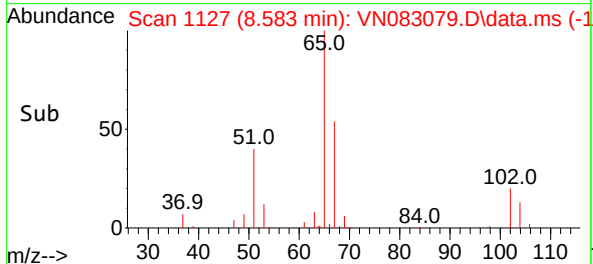
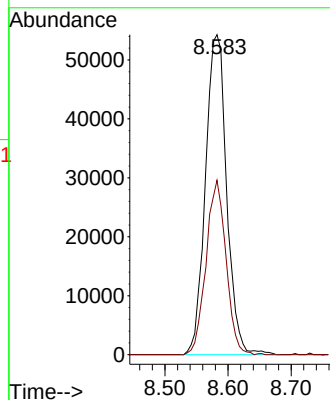
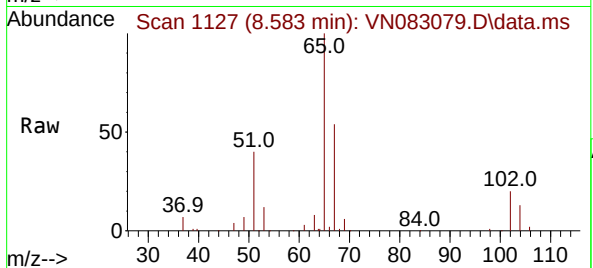
ClientSampleId :

Tgt Ion: 65 Resp: 126827

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

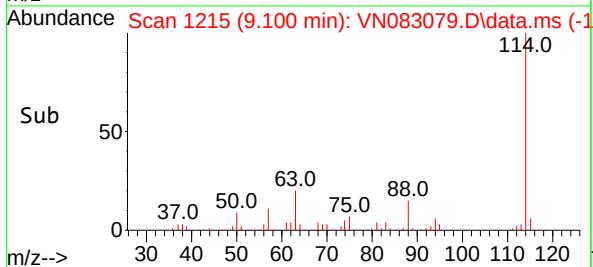
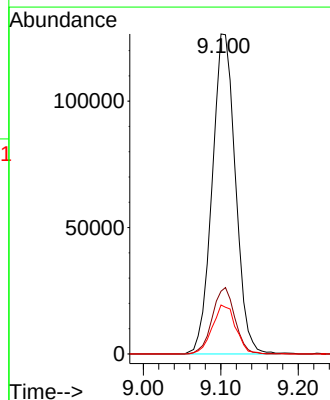
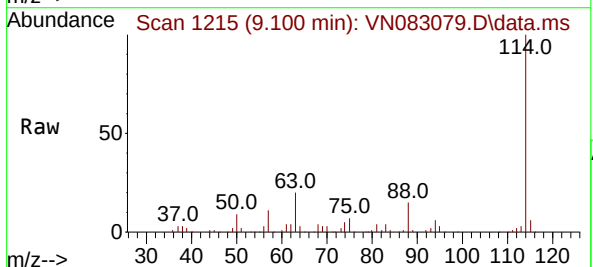
Tgt Ion: 114 Resp: 263821

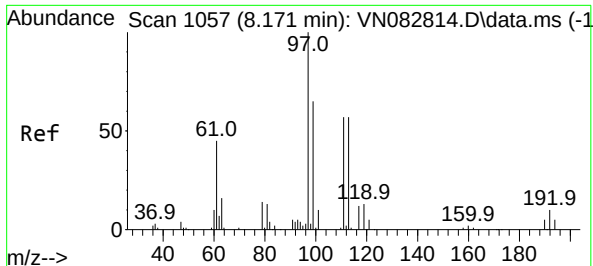
Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.6

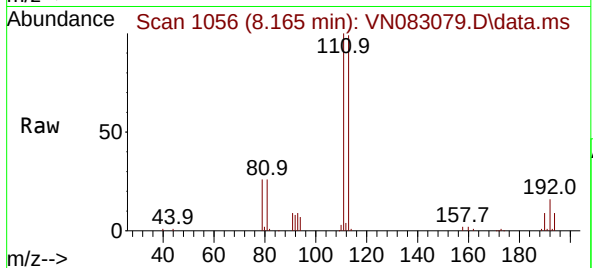
88 15.3 0.0 31.4



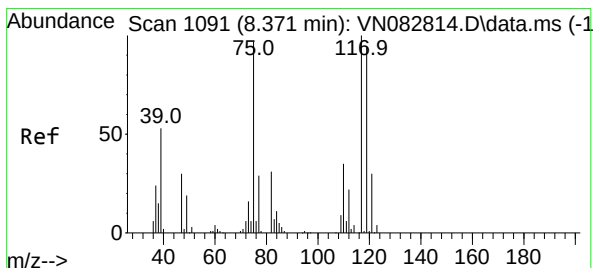
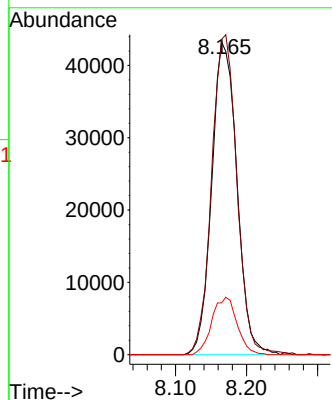
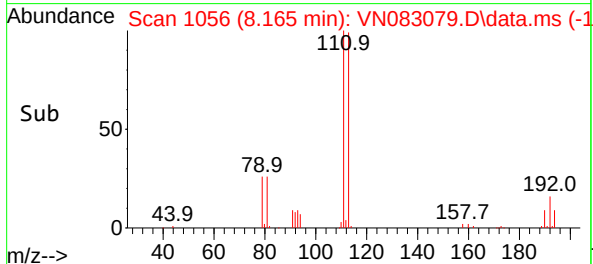


#35
 Dibromofluoromethane
 Concen: 62.911 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN083079.D
 Acq: 30 Jul 2024 19:53

Instrument :
 MSVOA_N
 ClientSampleId :

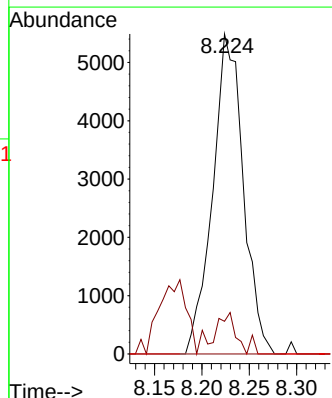
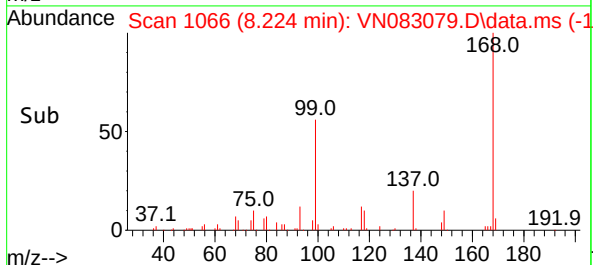
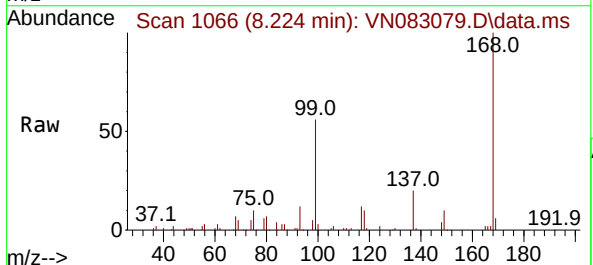


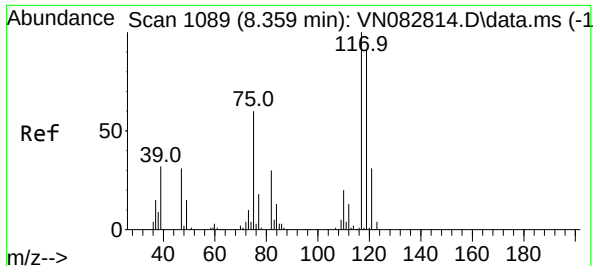
Tgt Ion:113 Resp: 106500
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 18.4 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.284 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083079.D
 Acq: 30 Jul 2024 19:53

Tgt Ion: 75 Resp: 12332
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.3 48.9#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.137 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

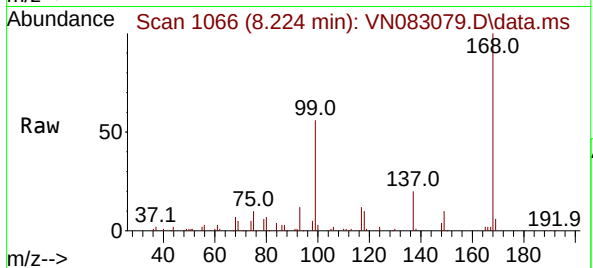
Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

Instrument :

MSVOA_N

ClientSampleId :



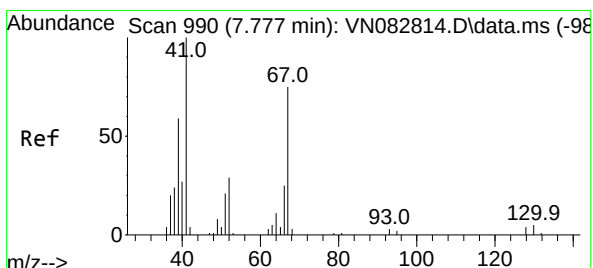
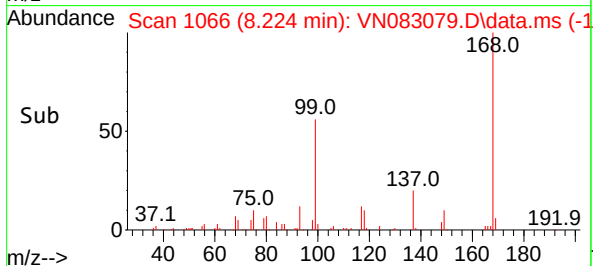
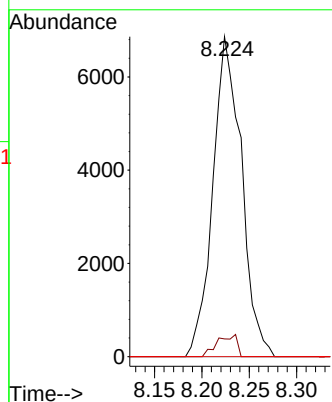
Tgt Ion:117 Resp: 14436

Ion Ratio Lower Upper

117 100

119 5.6 74.9 112.3#

121 0.0 24.3 36.5#



#41

Methacrylonitrile

Concen: 0.375 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.065 min

Lab File: VN083079.D

Acq: 30 Jul 2024 19:53

Tgt Ion: 41 Resp: 480

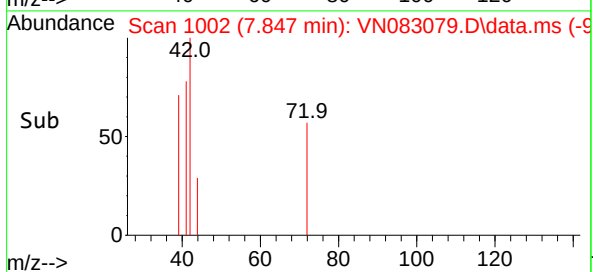
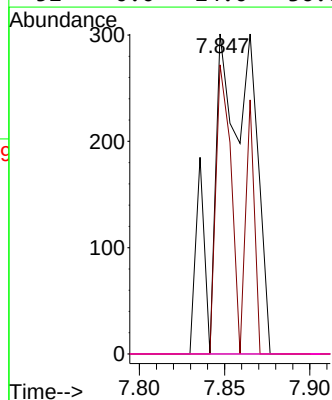
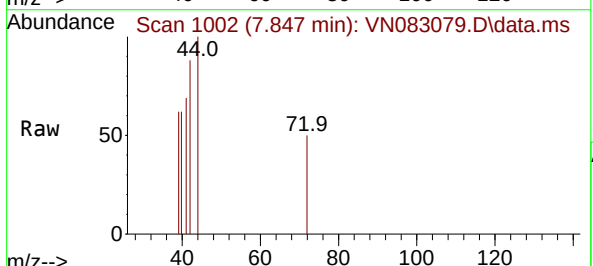
Ion Ratio Lower Upper

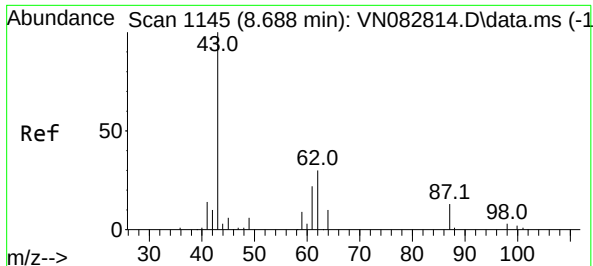
41 100

39 34.6 45.5 68.3#

67 0.0 50.5 75.7#

52 0.0 24.0 36.0#

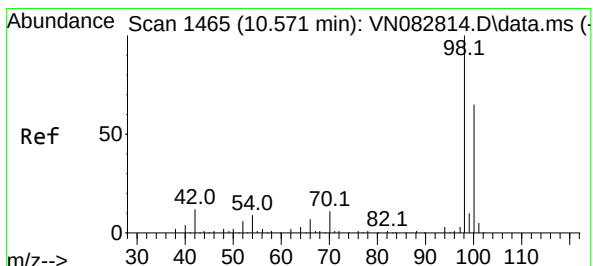
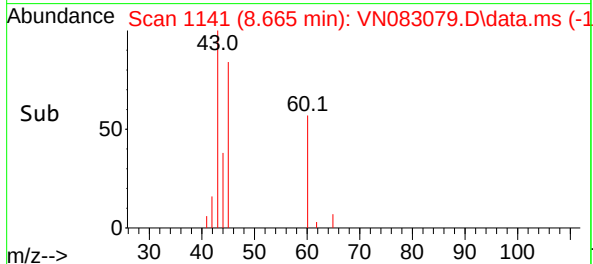
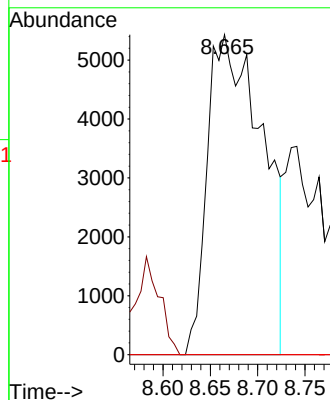
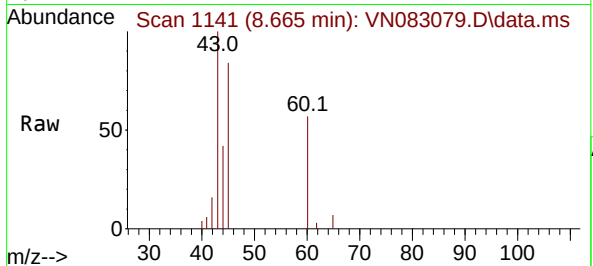




#43
Isopropyl Acetate
Concen: 2.073 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.029 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

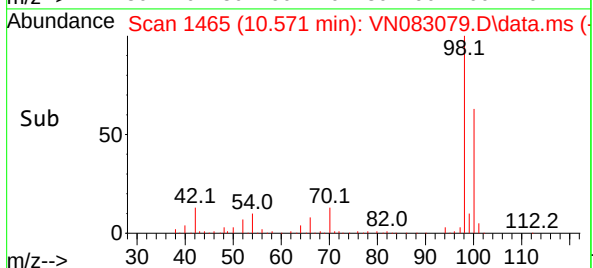
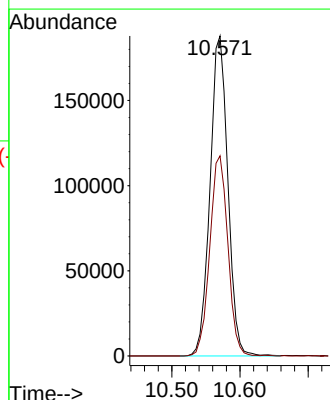
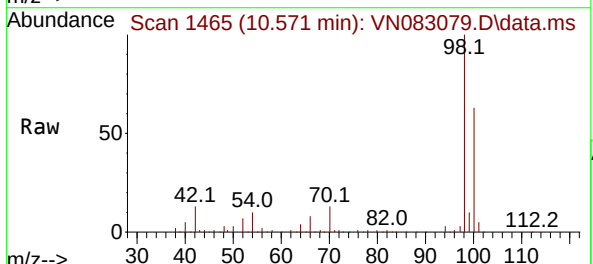
Instrument :
MSVOA_N
ClientSampleId :

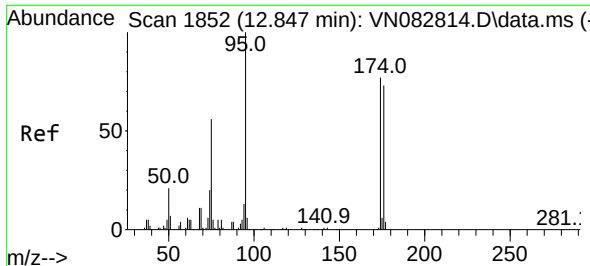
Tgt Ion: 43 Resp: 22030
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.674 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Tgt Ion: 98 Resp: 341852
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

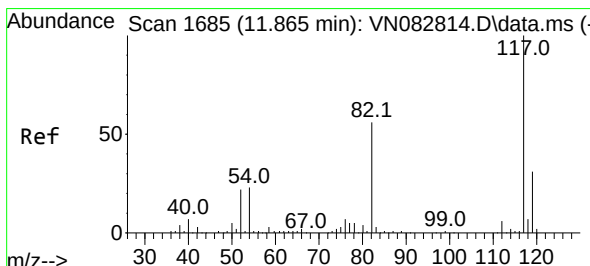
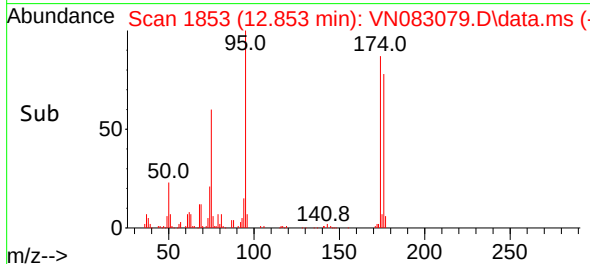
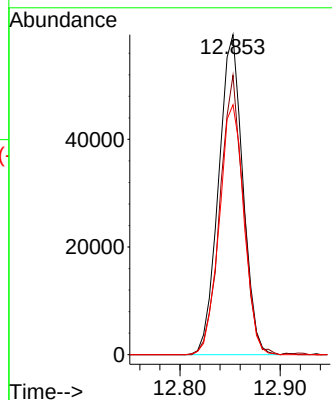
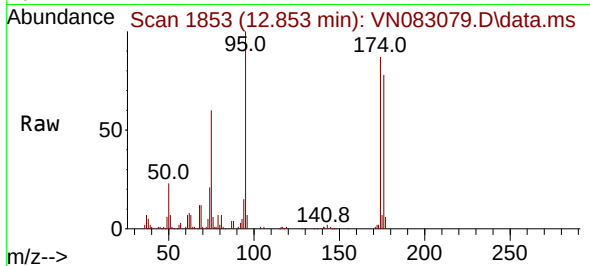




#62
4-Bromofluorobenzene
Concen: 44.362 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

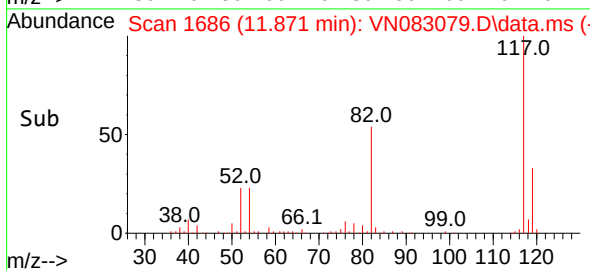
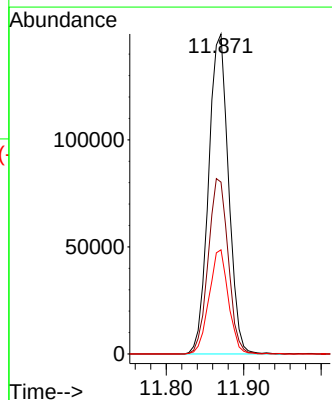
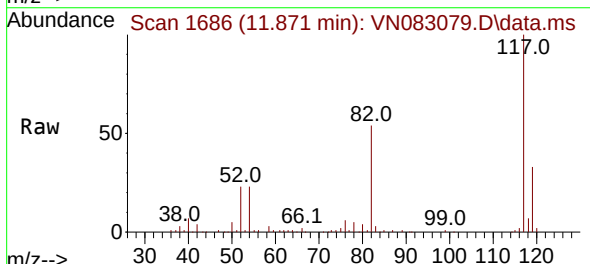
Instrument :
MSVOA_N
ClientSampleId :

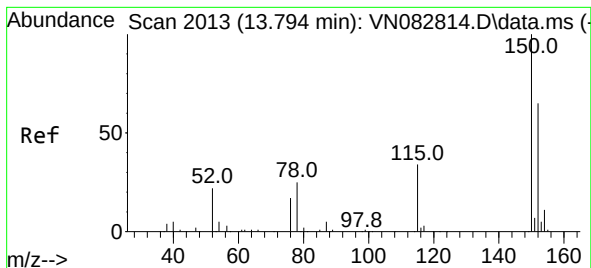
Tgt Ion: 95 Resp: 99637
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.2
176 79.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

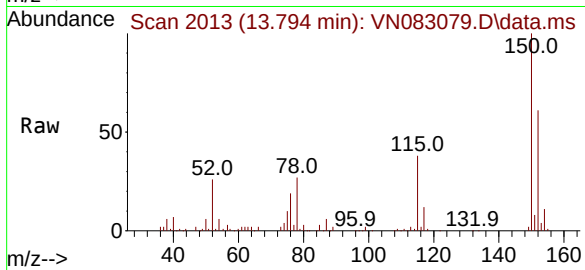
Tgt Ion: 117 Resp: 267219
Ion Ratio Lower Upper
117 100
82 53.7 47.5 71.3
119 32.6 25.6 38.4



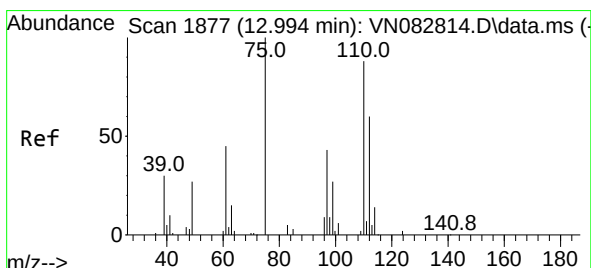
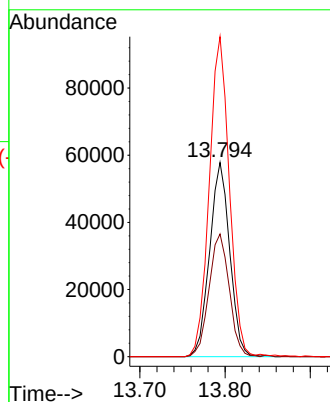
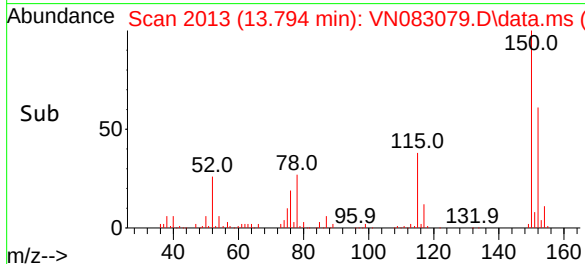


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Instrument :
MSVOA_N
ClientSampleId :

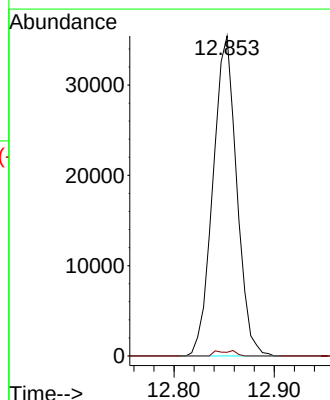
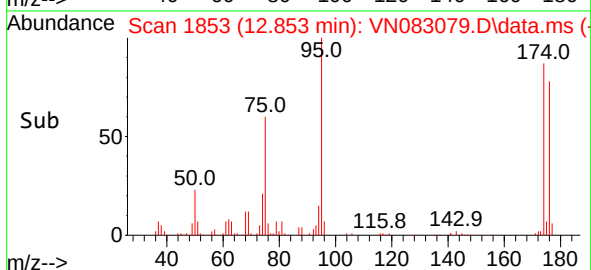
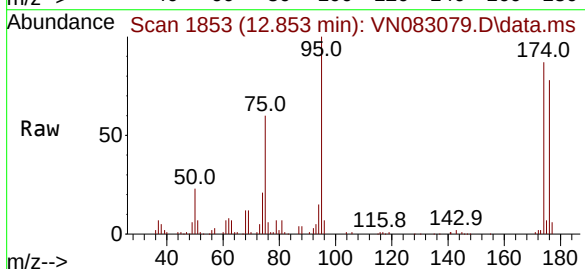


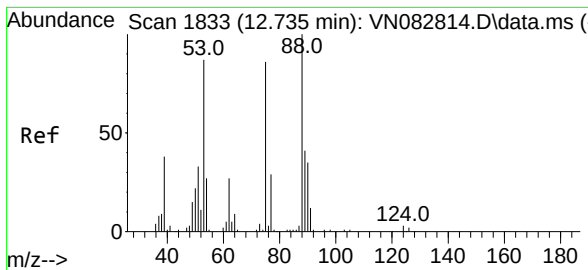
Tgt Ion:152 Resp: 94861
Ion Ratio Lower Upper
152 100
115 63.5 30.6 91.6
150 164.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 35.595 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

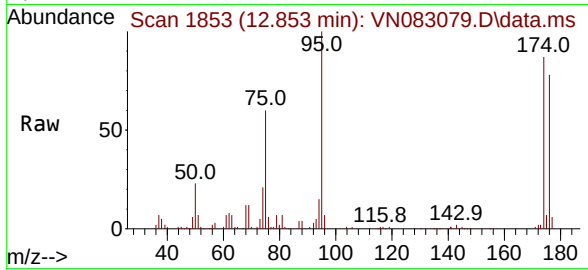
Tgt Ion: 75 Resp: 58214
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.005 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083079.D
Acq: 30 Jul 2024 19:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	58214
Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.4	132.6#
89	0.0	36.3	54.5#

