

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083083.D
 Acq On : 30 Jul 2024 21:30
 Operator : JC\MD
 Sample : PB162353ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:10:14 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)

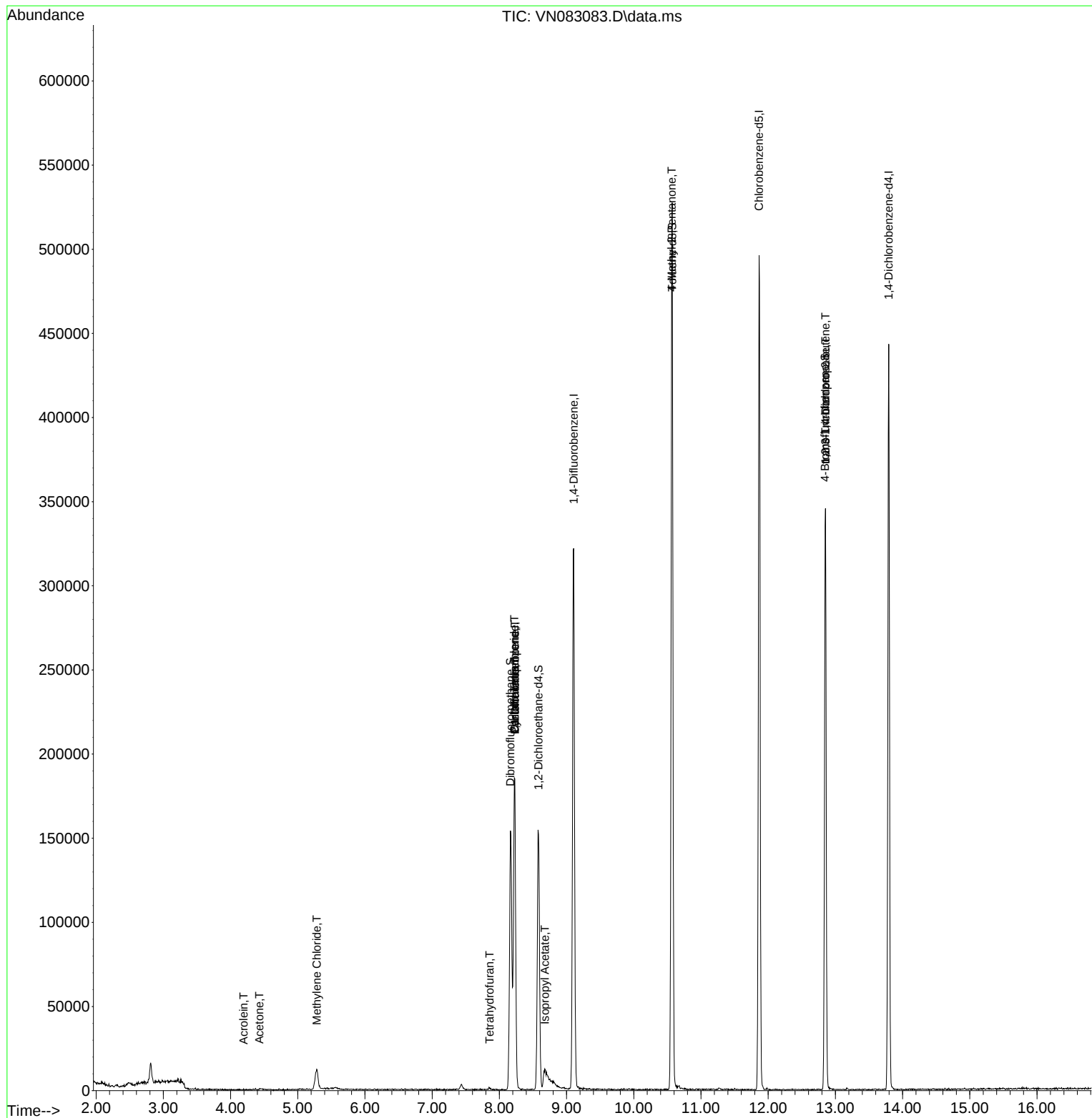
Internal Standards						
1) Pentafluorobenzene	8.230	168	129710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128806	70.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 141.680%#	
35) Dibromofluoromethane	8.165	113	105658	62.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.560%#	
50) Toluene-d8	10.571	98	351342	56.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.040%#	
62) 4-Bromofluorobenzene	12.847	95	109073	48.847	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
13) Acrolein	4.194	56	70	0.317	ug/l #	14
16) Acetone	4.430	43	954	1.490	ug/l #	48
20) Methylene Chloride	5.283	84	8905	5.760	ug/l #	73
29) Tetrahydrofuran	7.853	42	572	0.940	ug/l #	66
31) Cyclohexane	8.230	56	4158	1.749	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	11712	5.047	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14200	5.082	ug/l #	18
43) Isopropyl Acetate	8.677	43	18870	1.349	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2172	0.927	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	63640	31.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63640	62.517	ug/l #	6

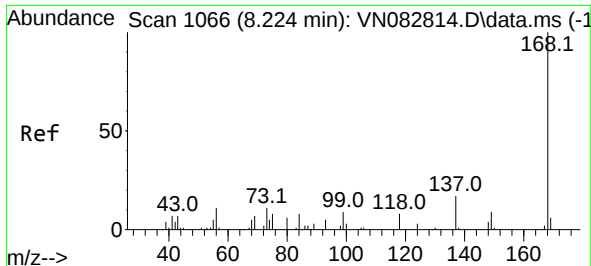
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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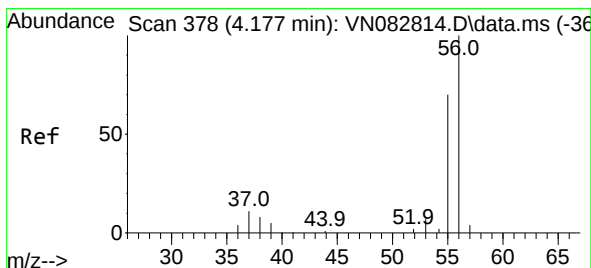
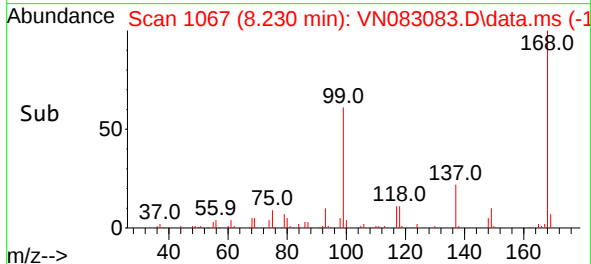
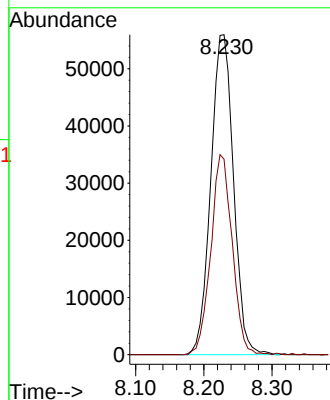
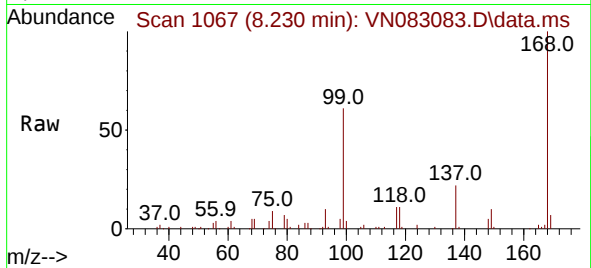




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

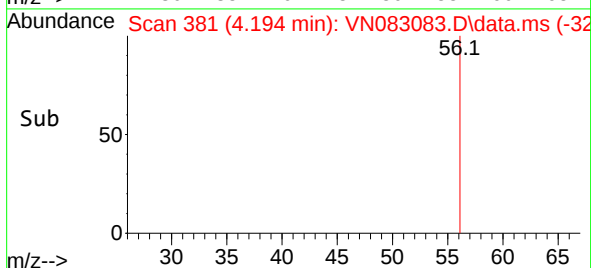
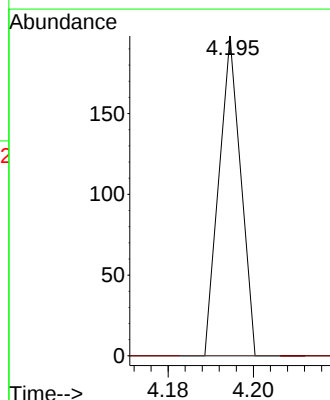
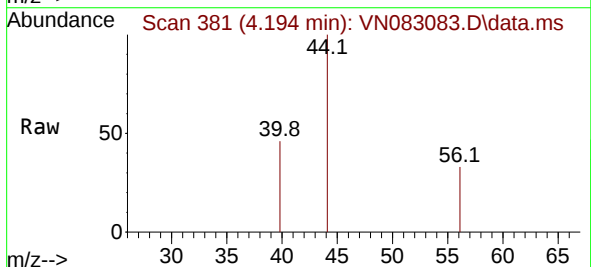
Instrument :
MSVOA_N
ClientSampleId :

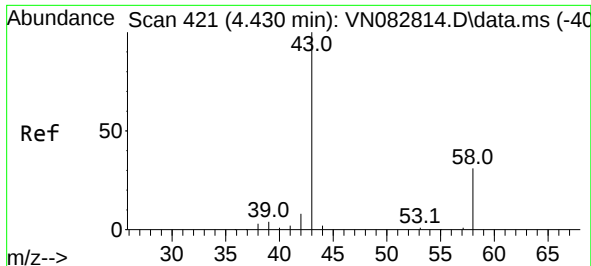
Tgt Ion:168 Resp: 129710
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#13
Acrolein
Concen: 0.317 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

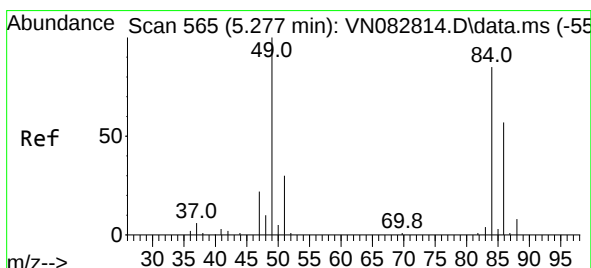
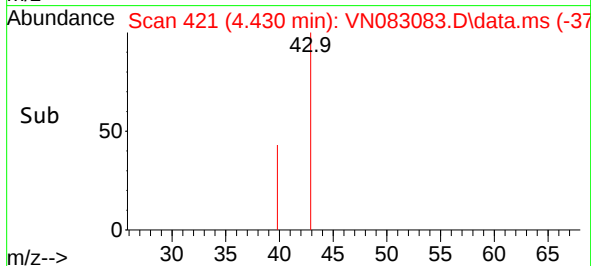
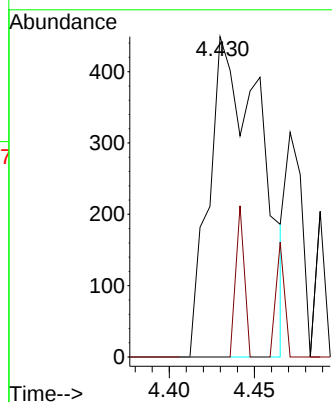
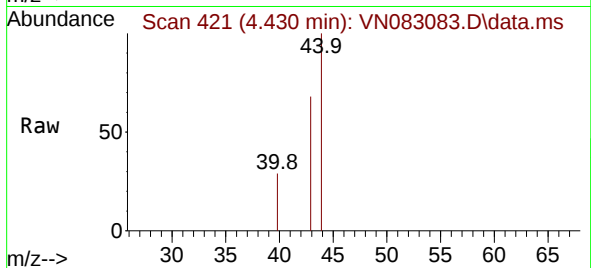




#16
Acetone
Concen: 1.490 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

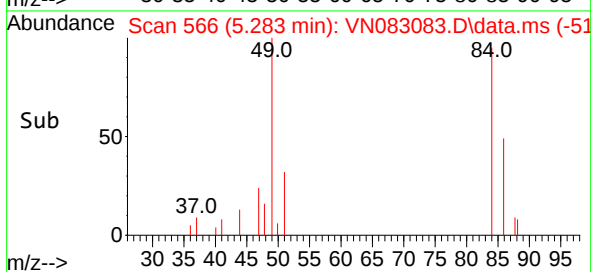
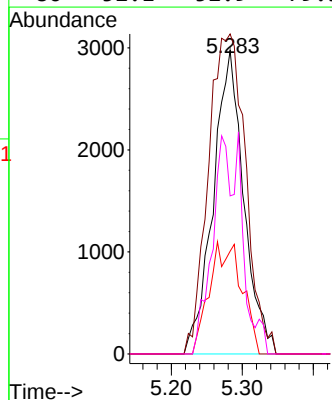
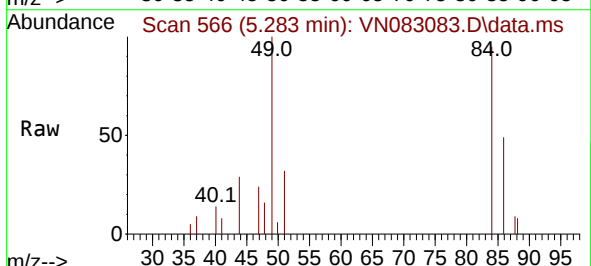
Instrument :
MSVOA_N
ClientSampleId :

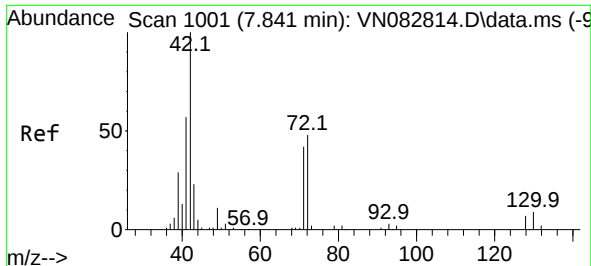
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 5.760 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 84 Resp: 8905
Ion Ratio Lower Upper
84 100
49 105.4 119.6 179.4#
51 33.8 34.8 52.2#
86 52.1 52.9 79.3#





#29

Tetrahydrofuran

Concen: 0.940 ug/l

RT: 7.853 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

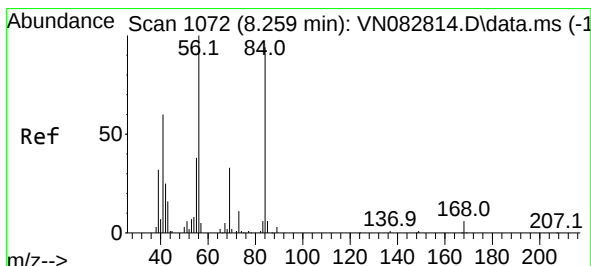
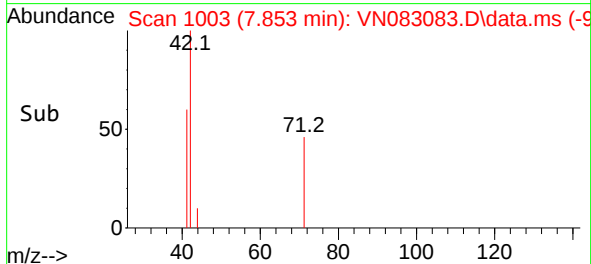
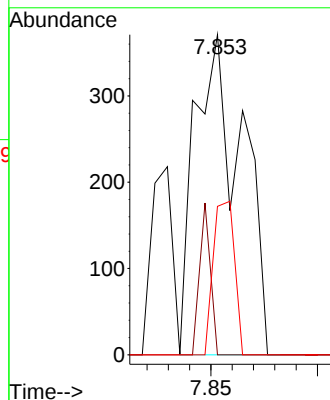
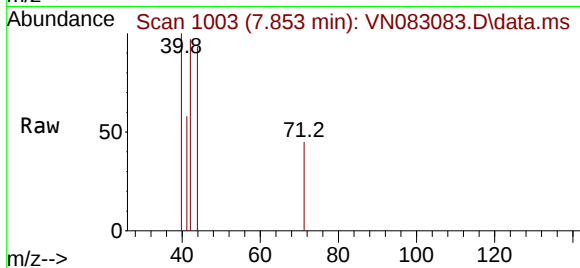
Tgt Ion: 42 Resp: 572

Ion Ratio Lower Upper

42 100

72 10.8 30.0 45.0#

71 21.5 28.3 42.5#



#31

Cyclohexane

Concen: 1.749 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

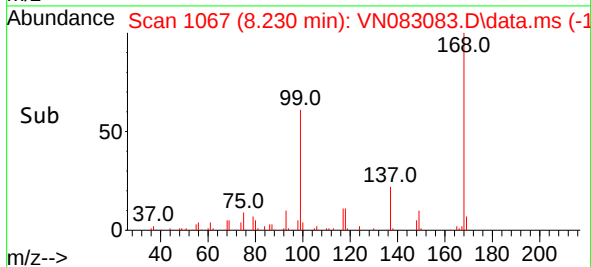
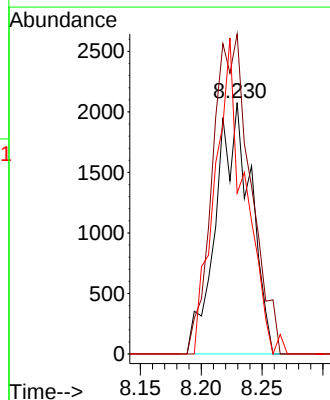
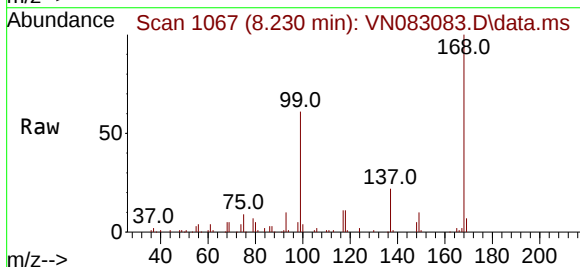
Tgt Ion: 56 Resp: 4158

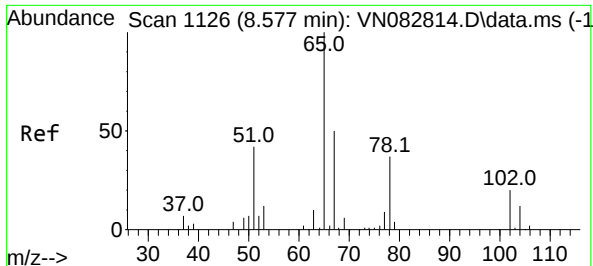
Ion Ratio Lower Upper

56 100

69 127.3 24.5 36.7#

84 64.0 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 70.840 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

Instrument :

MSVOA_N

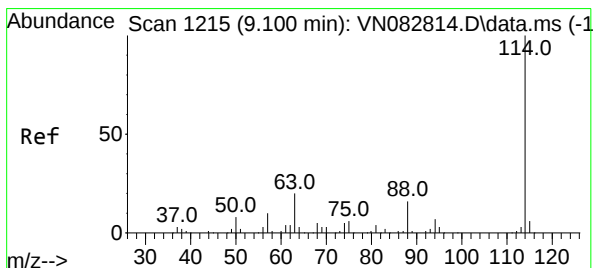
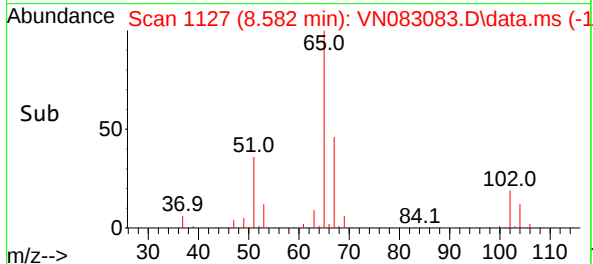
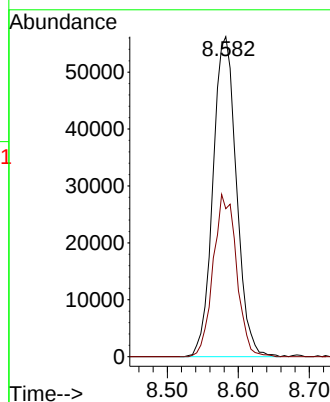
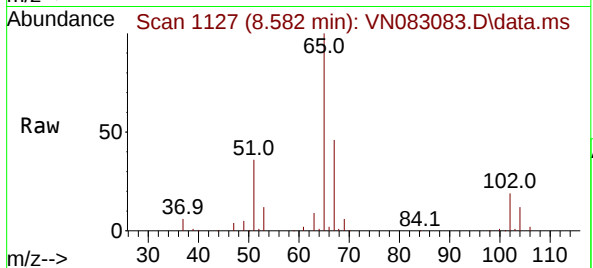
ClientSampleId :

Tgt Ion: 65 Resp: 128806

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

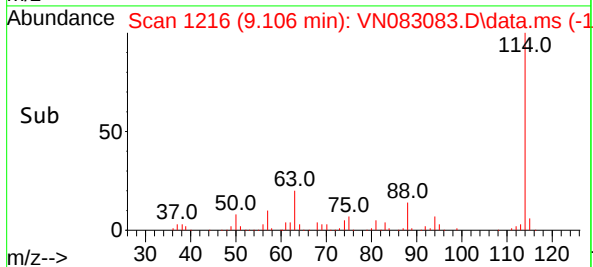
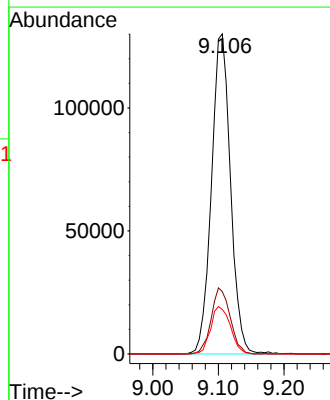
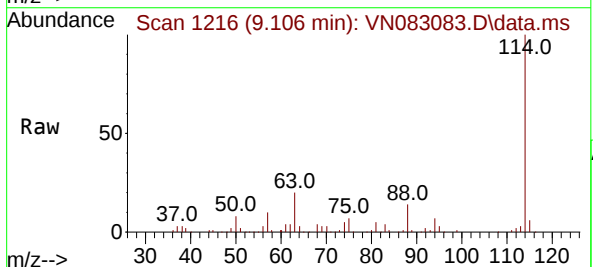
Tgt Ion: 114 Resp: 262289

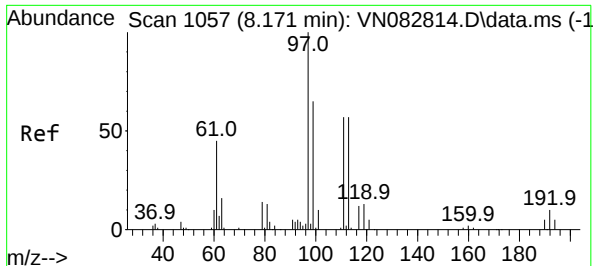
Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

88 13.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 62.778 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

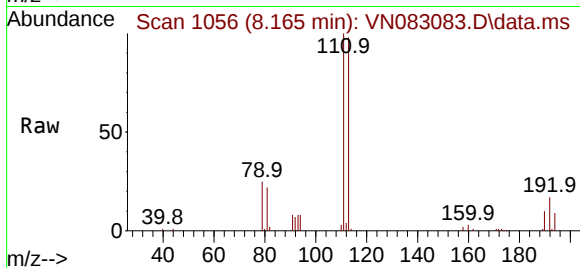
Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :



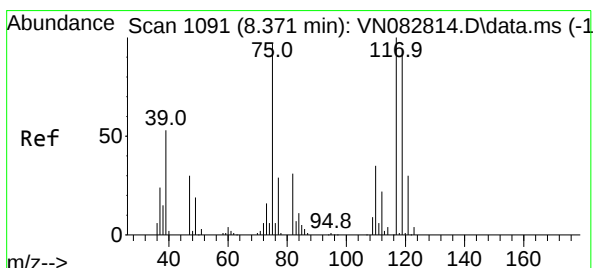
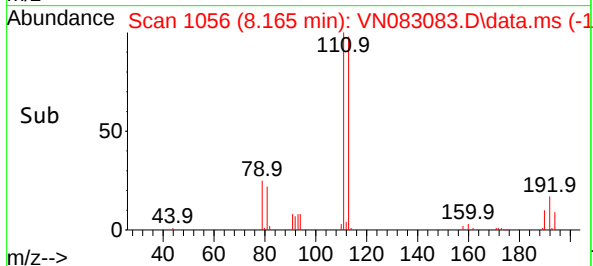
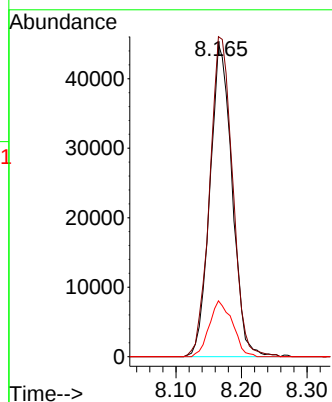
Tgt Ion:113 Resp: 105658

Ion Ratio Lower Upper

113 100

111 105.5 82.4 123.6

192 18.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083083.D

Acq: 30 Jul 2024 21:30

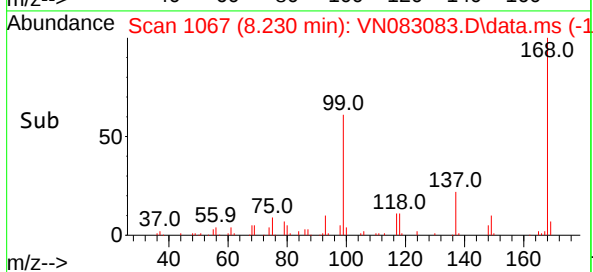
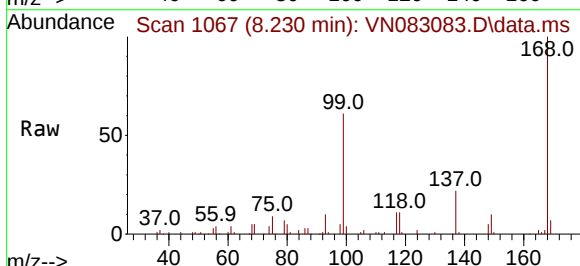
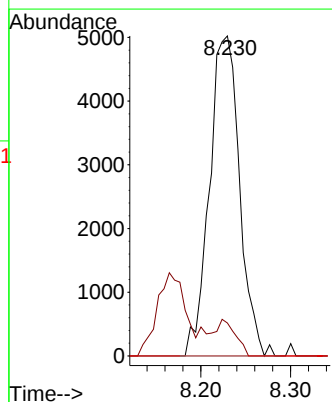
Tgt Ion: 75 Resp: 11712

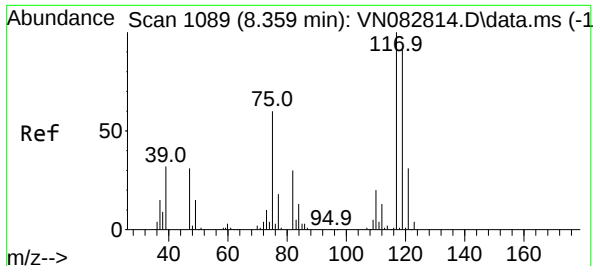
Ion Ratio Lower Upper

75 100

110 7.0 16.3 48.9#

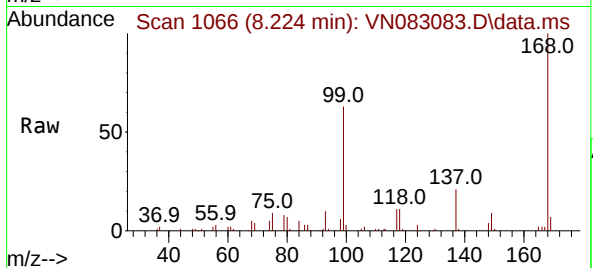
77 0.0 24.6 37.0#



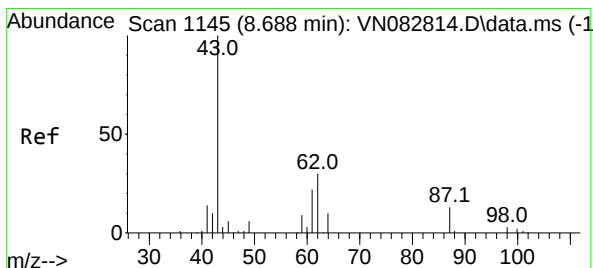
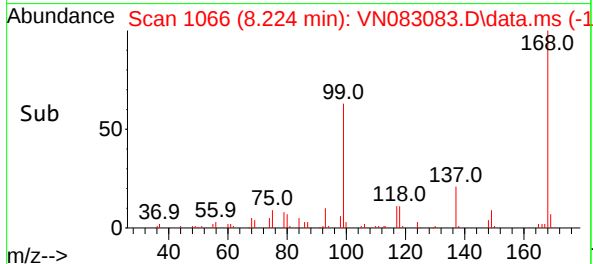
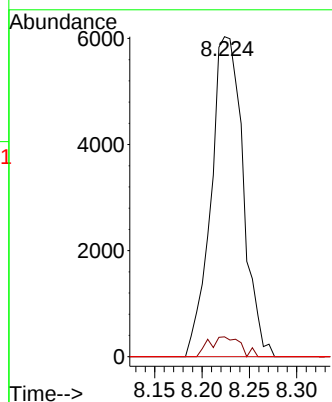


#38
Carbon Tetrachloride
Concen: 5.082 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :

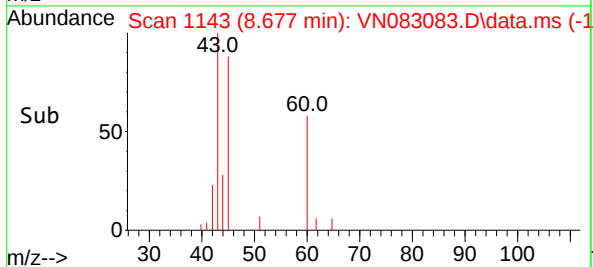
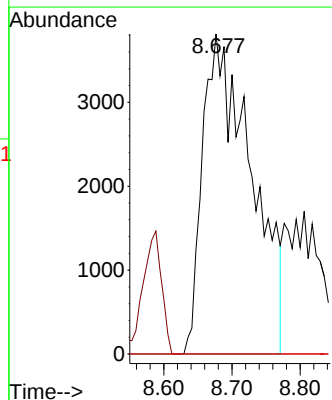
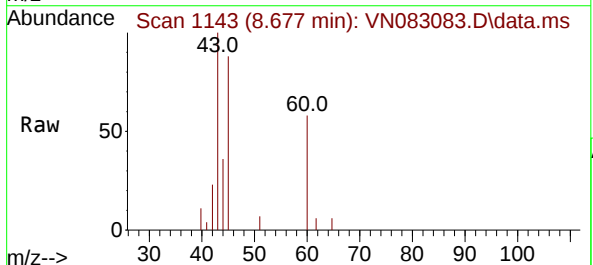


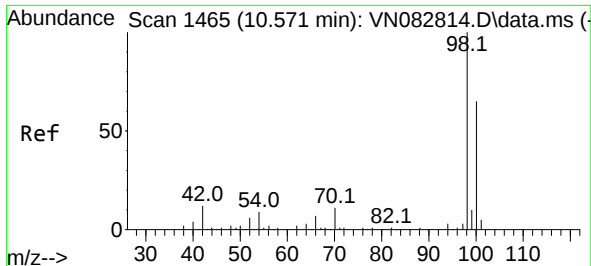
Tgt Ion:117 Resp: 14200
Ion Ratio Lower Upper
117 100
119 6.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 1.349 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 43 Resp: 18870
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

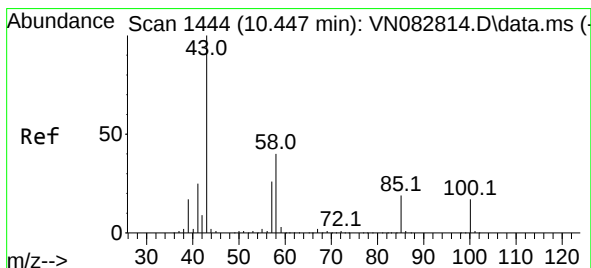
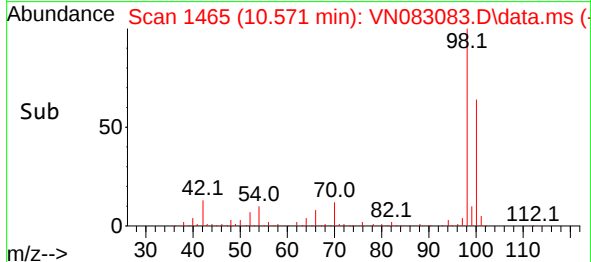
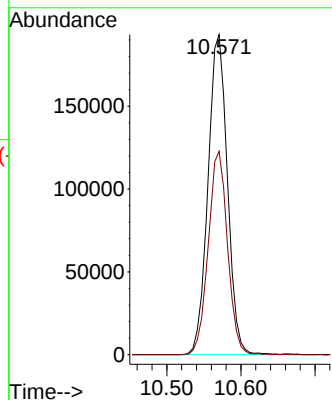
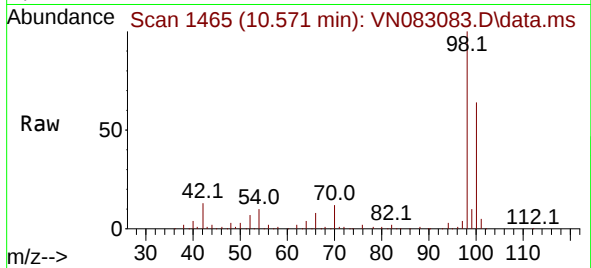




#50
Toluene-d8
Concen: 56.520 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

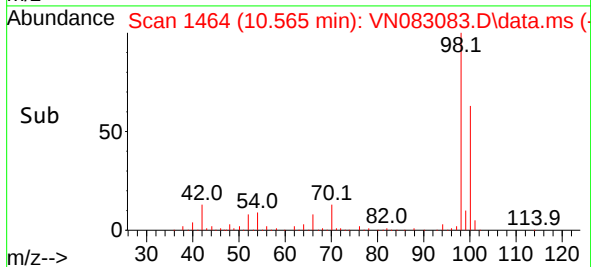
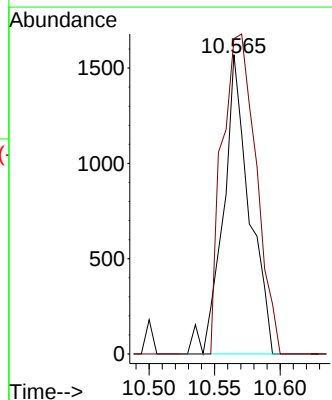
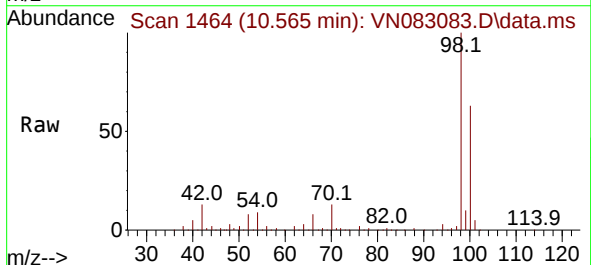
Instrument :
MSVOA_N
ClientSampleId :

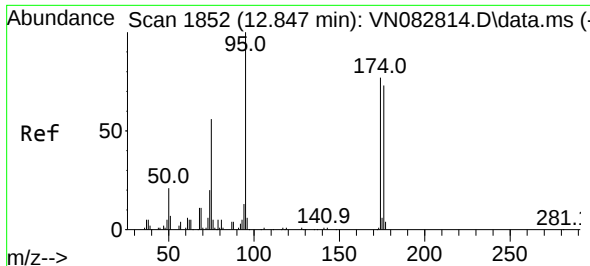
Tgt Ion: 98 Resp: 351342
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.927 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Tgt Ion: 43 Resp: 2172
Ion Ratio Lower Upper
43 100
58 139.2 28.2 42.4#

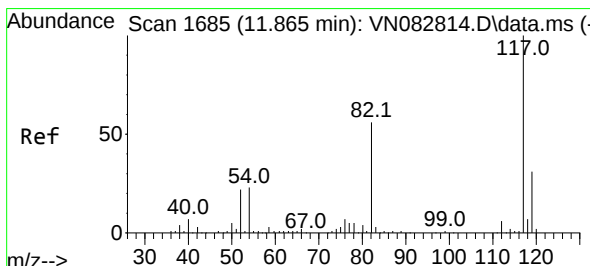
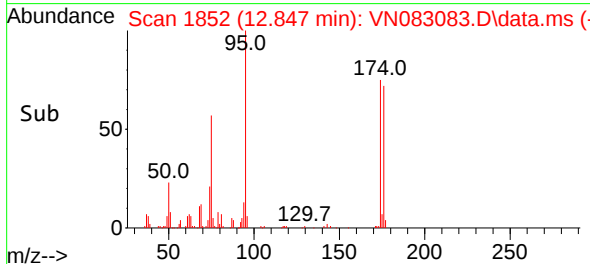
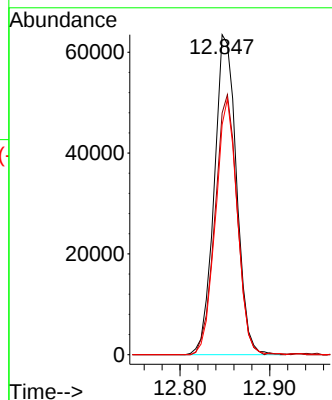
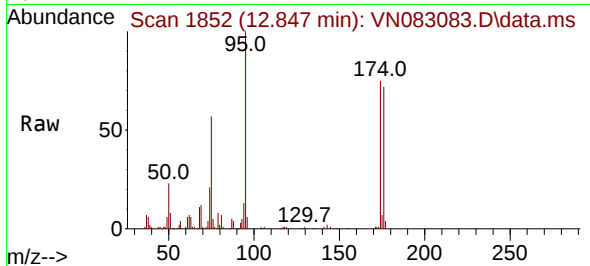




#62
4-Bromofluorobenzene
Concen: 48.847 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

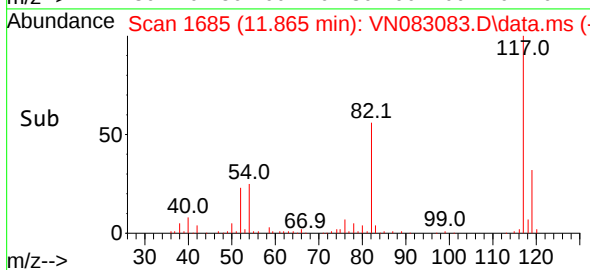
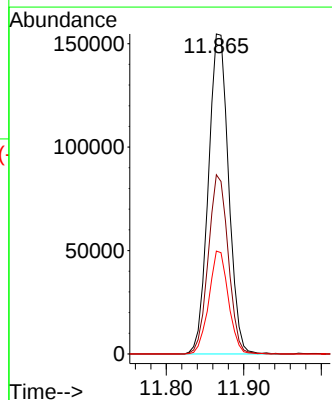
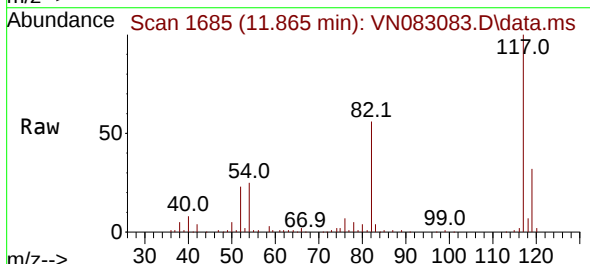
Instrument :
MSVOA_N
ClientSampleId :

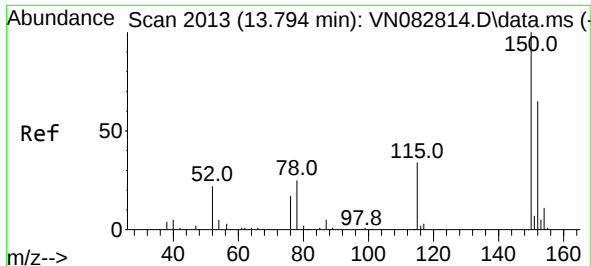
Tgt Ion: 95 Resp: 109073
Ion Ratio Lower Upper
95 100
174 81.2 0.0 159.2
176 78.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

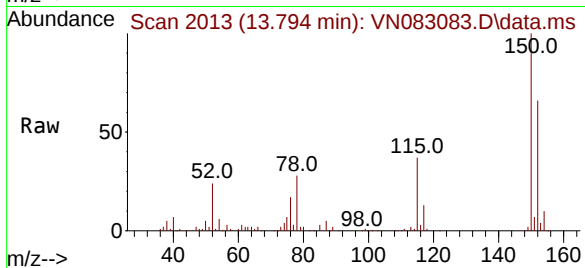
Tgt Ion: 117 Resp: 279928
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 32.2 25.6 38.4



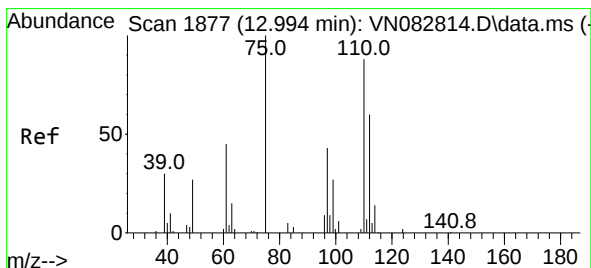
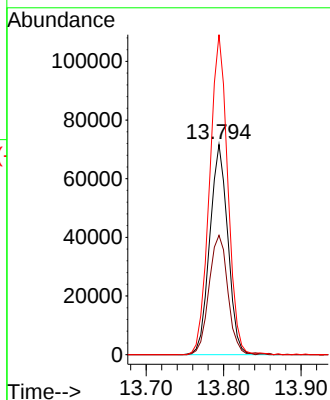
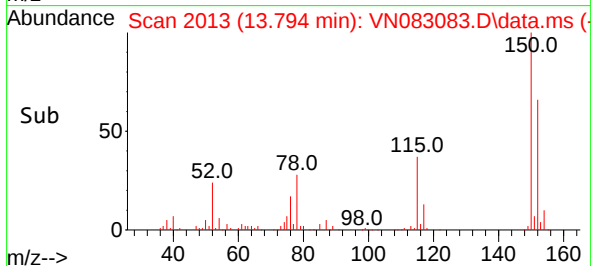


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083083.D
 Acq: 30 Jul 2024 21:30

Instrument :
 MSVOA_N
 ClientSampleId :

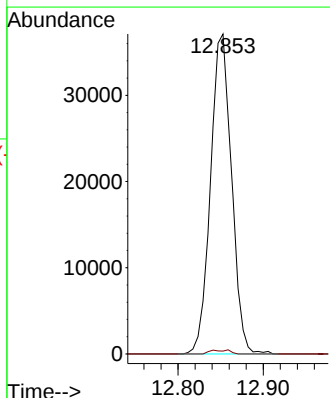
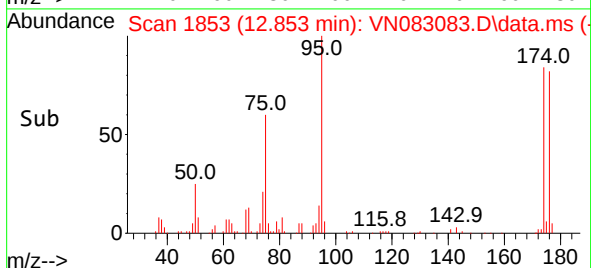
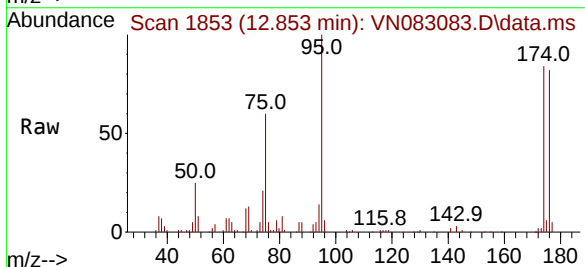


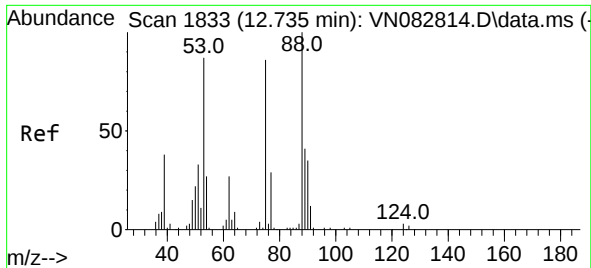
Tgt Ion:152 Resp: 116123
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.6 91.6
 150 153.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.788 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083083.D
 Acq: 30 Jul 2024 21:30

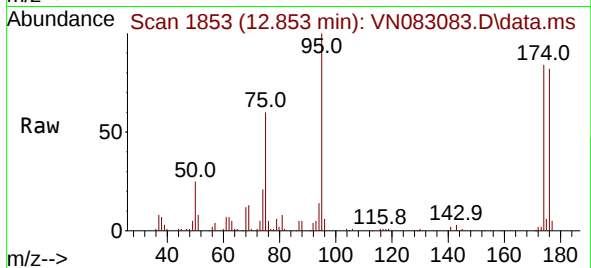
Tgt Ion: 75 Resp: 63640
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.517 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083083.D
Acq: 30 Jul 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 63640
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#

