

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083005.D
 Acq On : 22 Jul 2024 15:36
 Operator : JC\MD
 Sample : P3323-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 03:51:38 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)

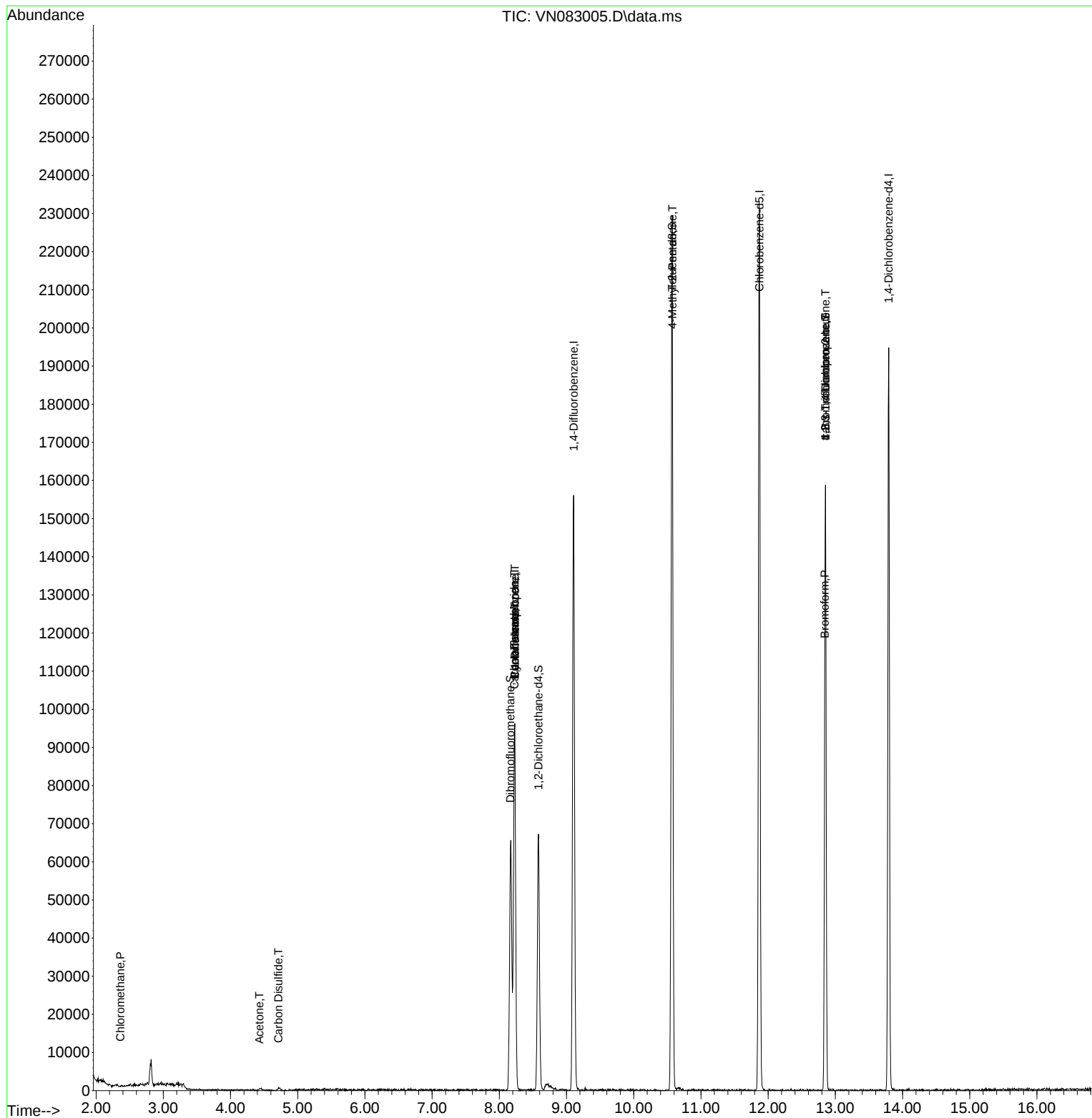
Internal Standards						
1) Pentafluorobenzene	8.230	168	67759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	132773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	133551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	52070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54702	57.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.180%	
35) Dibromofluoromethane	8.165	113	45847	53.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.620%	
50) Toluene-d8	10.571	98	153350	48.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.853	95	47821	42.307	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 84.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	231	0.278	ug/l #	43
16) Acetone	4.430	43	400	1.196	ug/l #	48
17) Carbon Disulfide	4.712	76	430	0.208	ug/l #	75
31) Cyclohexane	8.230	56	2020	1.627	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	5938	5.055	ug/l #	47
38) Carbon Tetrachloride	8.224	117	7356	5.201	ug/l #	19
43) Isopropyl Acetate	8.688	43	688	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.577	43	692	0.584	ug/l #	1
71) Bromoform	12.841	173	212	0.265	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	28488	31.734	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	28488	62.411	ug/l #	6

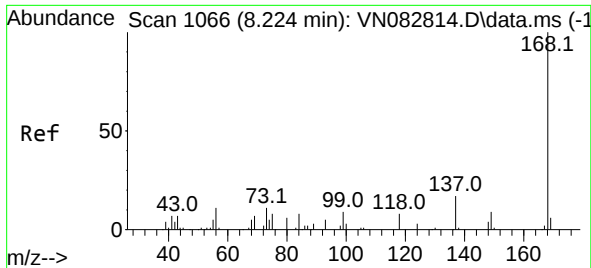
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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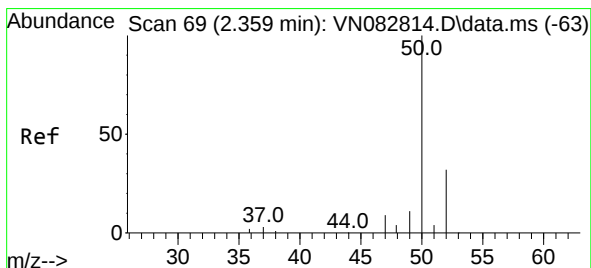
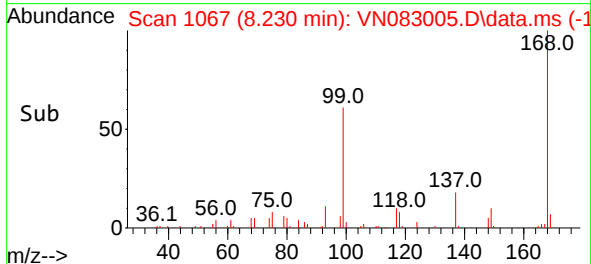
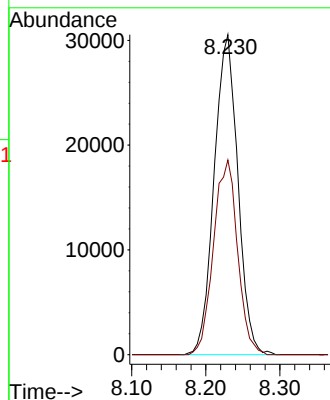
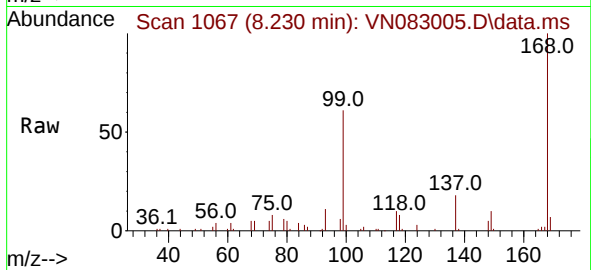




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

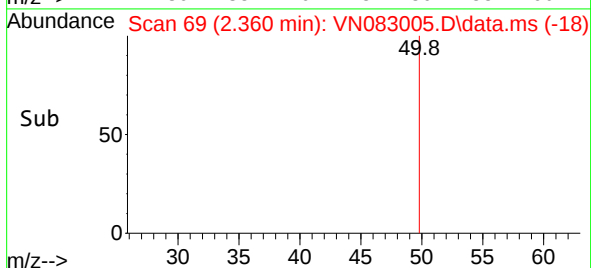
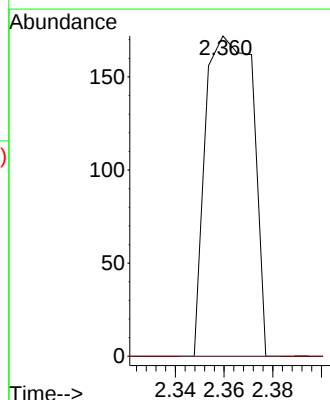
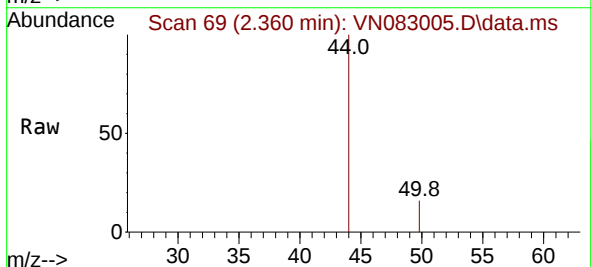
Instrument :
MSVOA_N
ClientSampleId :

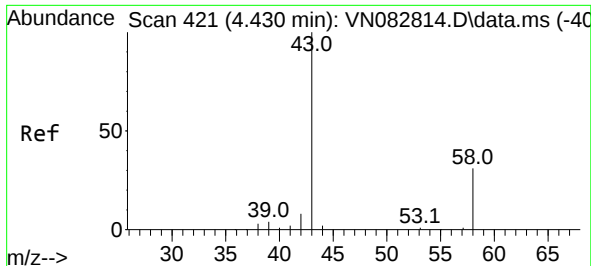
Tgt Ion:168 Resp: 67759
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

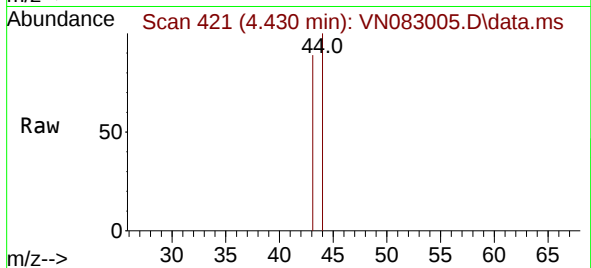
Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



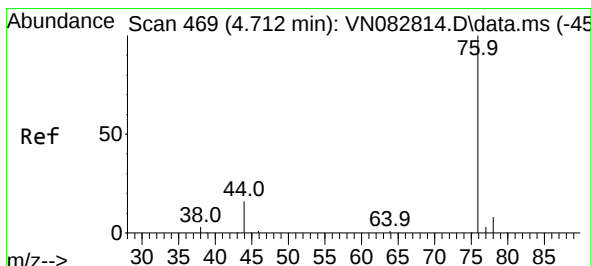
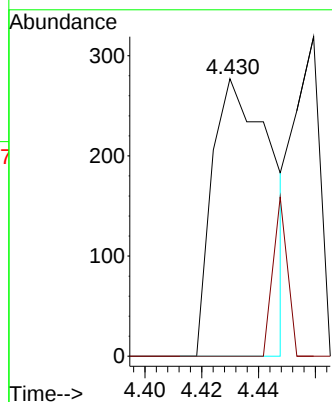
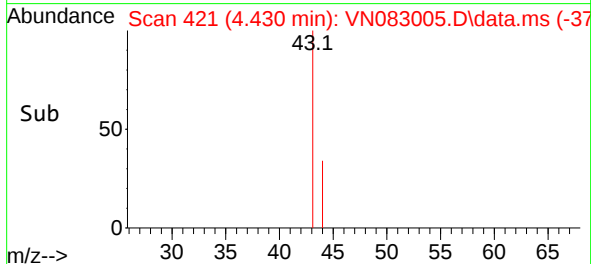


#16
Acetone
Concen: 1.196 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

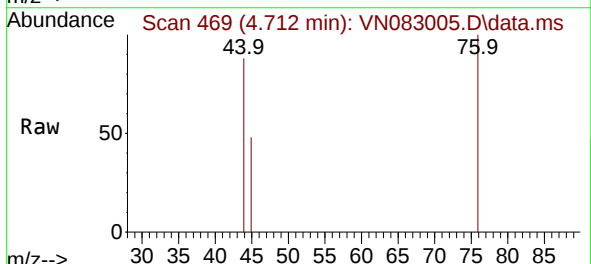
Instrument :
MSVOA_N
ClientSampleId :



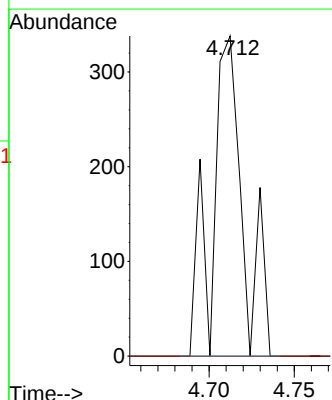
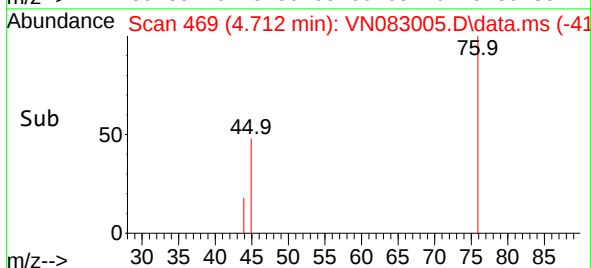
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

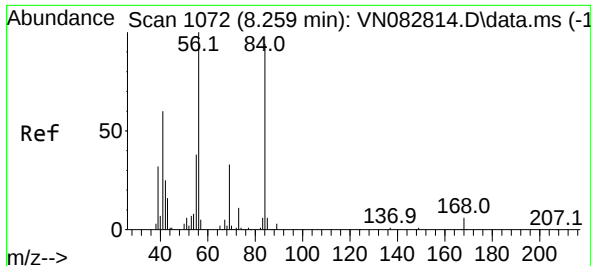


#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36



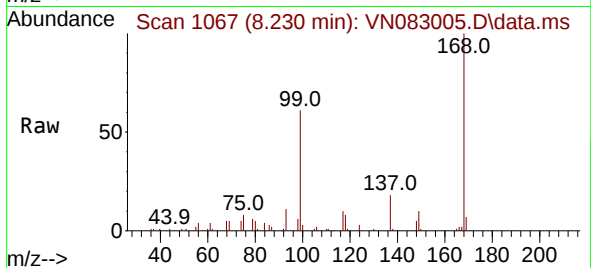
Tgt Ion: 76 Resp: 430
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



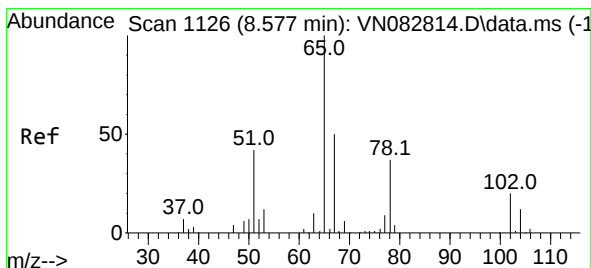
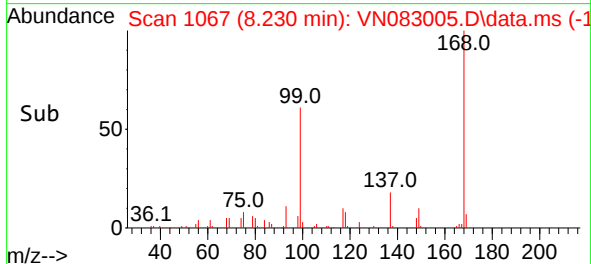
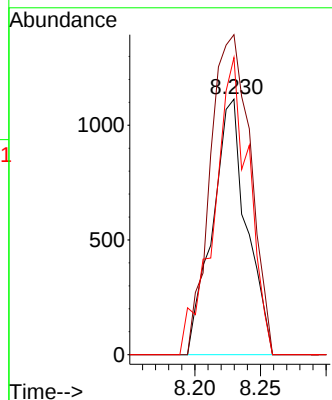


#31
Cyclohexane
Concen: 1.627 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

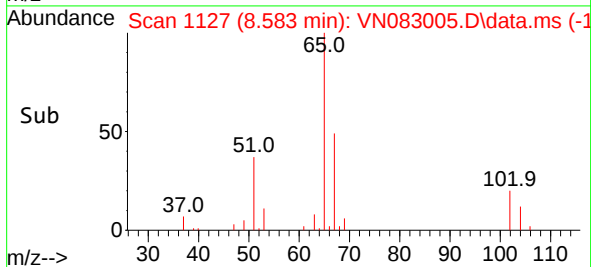
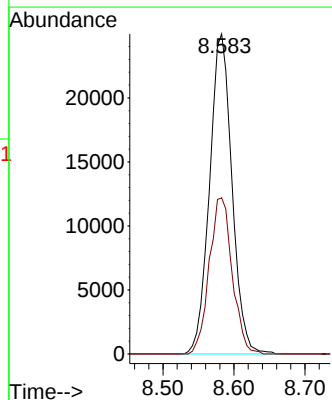
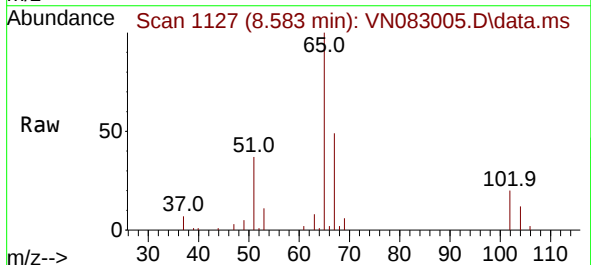


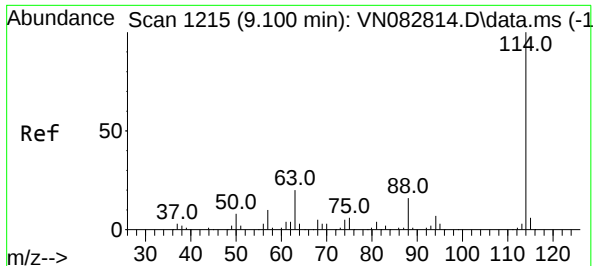
Tgt Ion: 56 Resp: 2020
Ion Ratio Lower Upper
56 100
69 125.2 24.5 36.7#
84 116.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.591 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion: 65 Resp: 54702
Ion Ratio Lower Upper
65 100
67 50.1 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: VN083005.D

Acq: 22 Jul 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

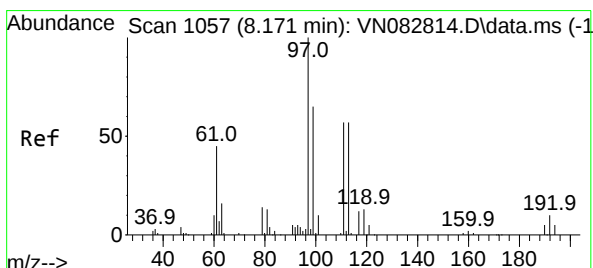
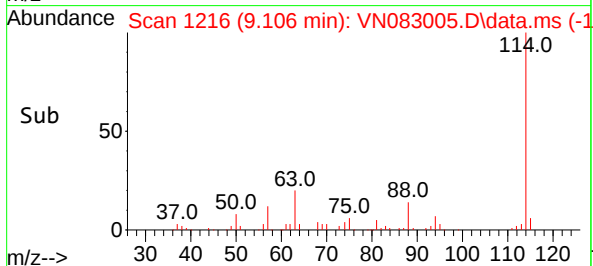
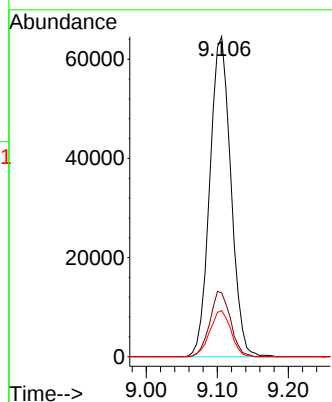
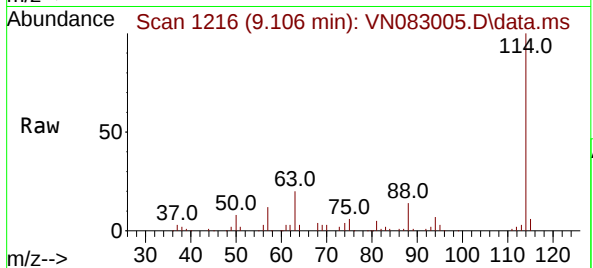
Tgt Ion:114 Resp: 132773

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.6

88 14.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.813 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

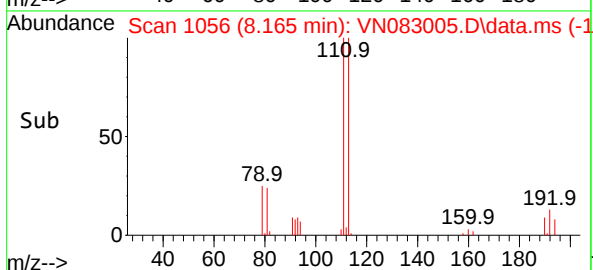
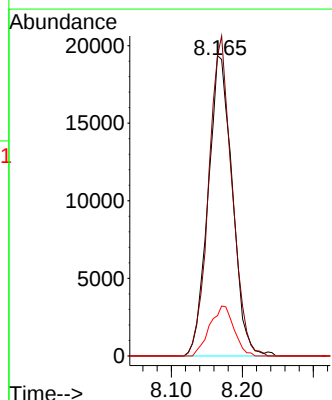
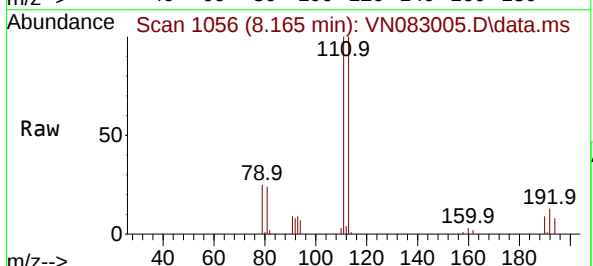
Tgt Ion:113 Resp: 45847

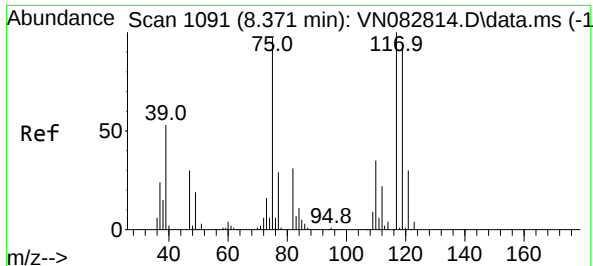
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

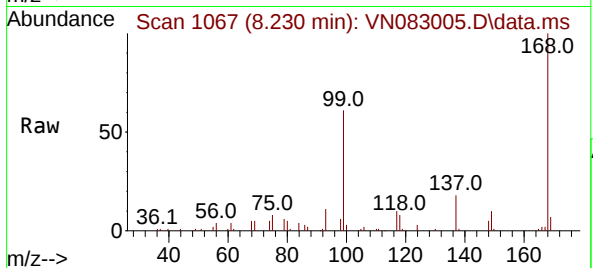
Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

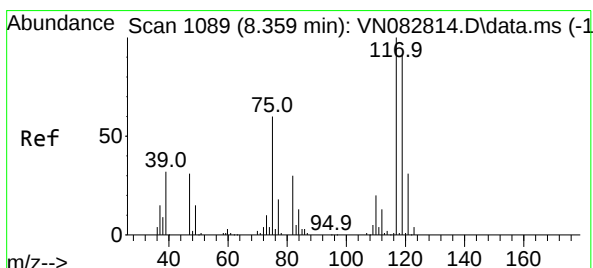
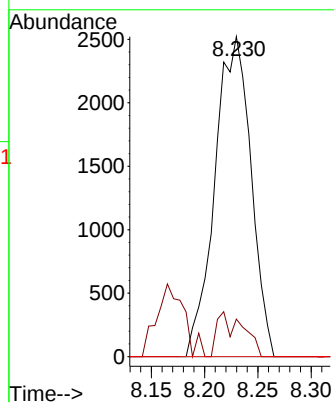
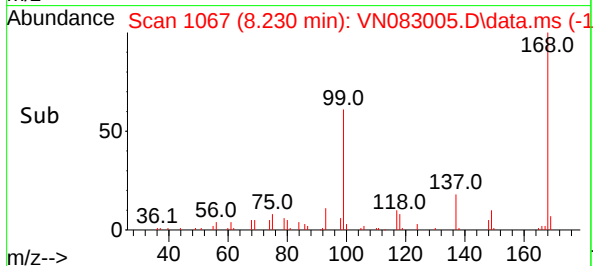
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 5938
Ion Ratio	Lower Upper
75	100
110	4.8 16.3 48.9#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.201 ug/l

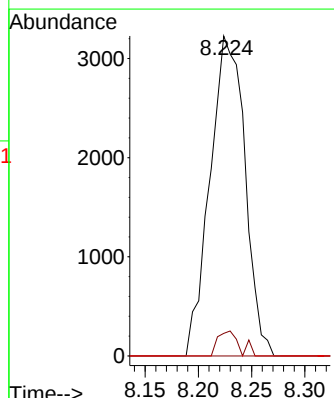
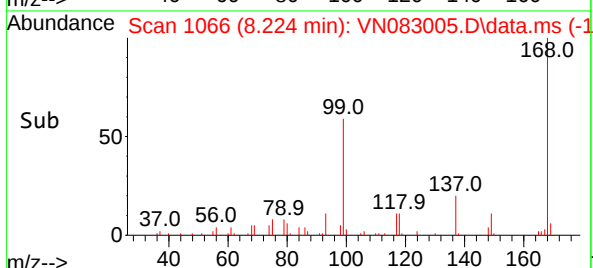
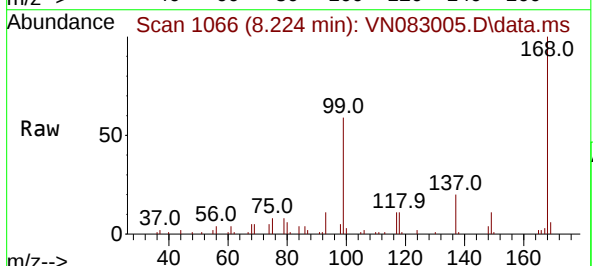
RT: 8.224 min Scan# 1066

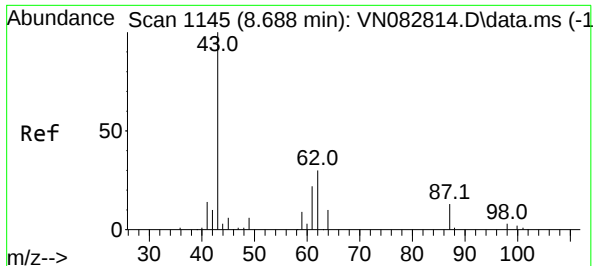
Delta R.T. -0.141 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

Tgt Ion: 117	Resp: 7356
Ion Ratio	Lower Upper
117	100
119	7.1 74.9 112.3#
121	0.0 24.3 36.5#

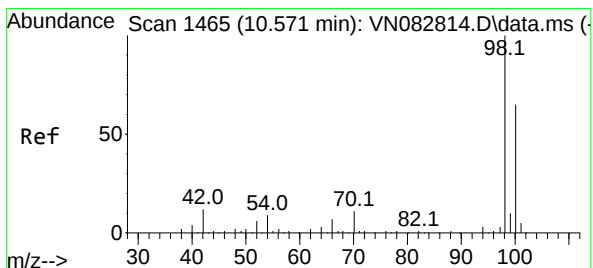
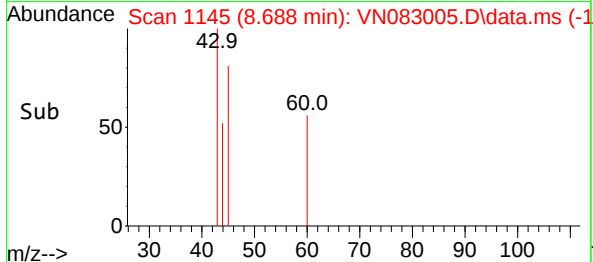
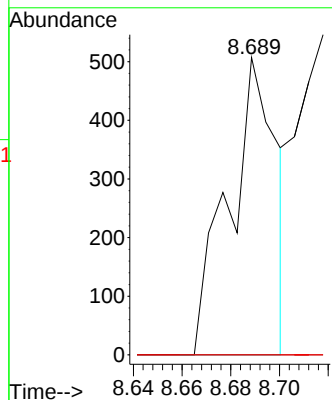
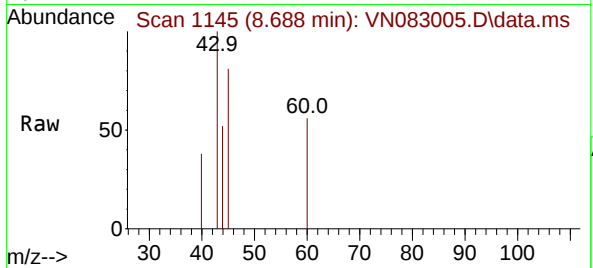




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

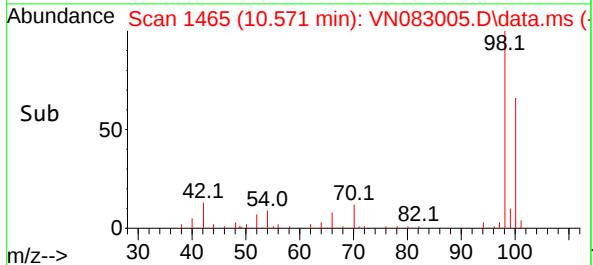
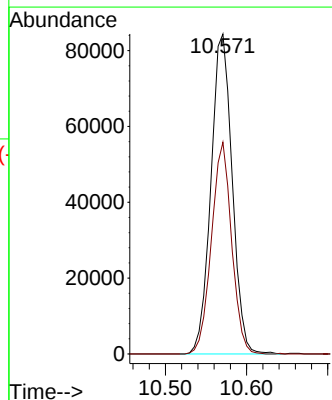
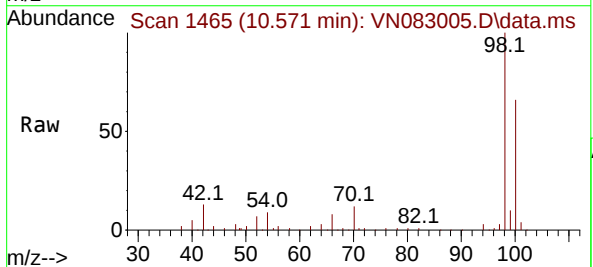
Instrument :
MSVOA_N
ClientSampleId :

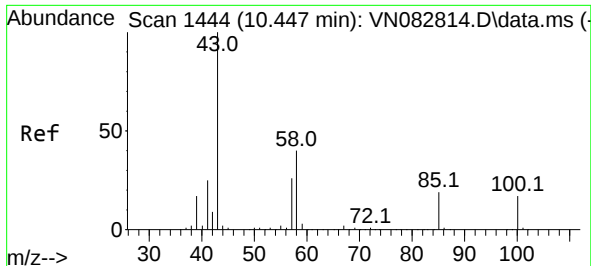
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.733 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion: 98 Resp: 153350
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.584 ug/l

RT: 10.577 min Scan# 1444

Delta R.T. 0.130 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

Instrument :

MSVOA_N

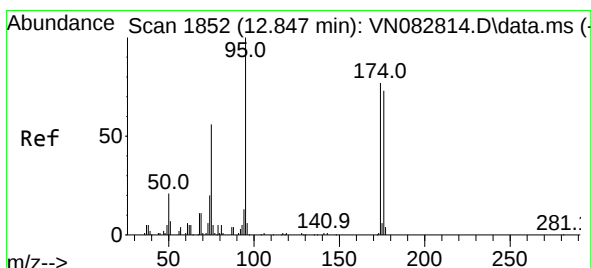
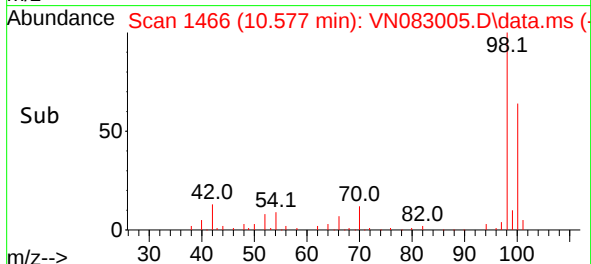
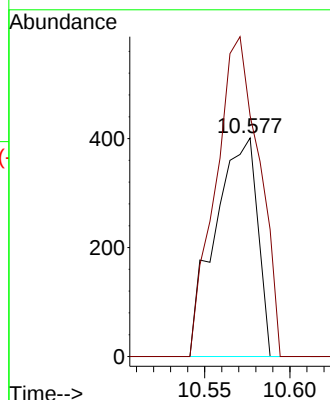
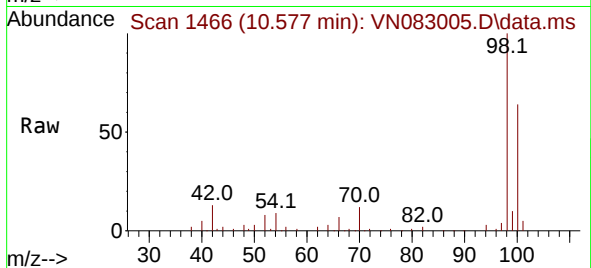
ClientSampleId :

Tgt Ion: 43 Resp: 692

Ion Ratio Lower Upper

43 100

58 150.7 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 42.307 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

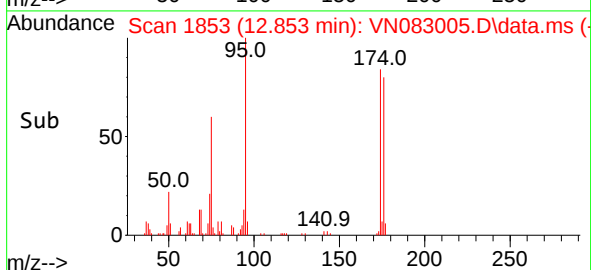
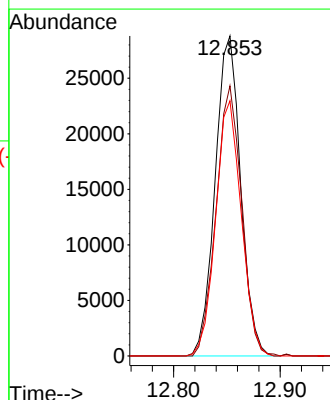
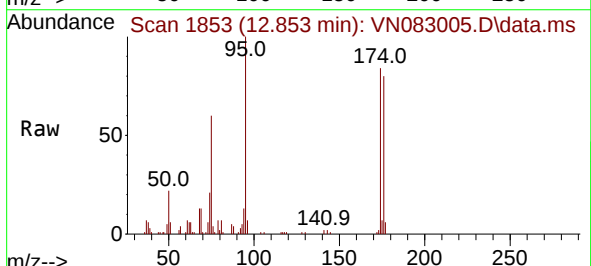
Tgt Ion: 95 Resp: 47821

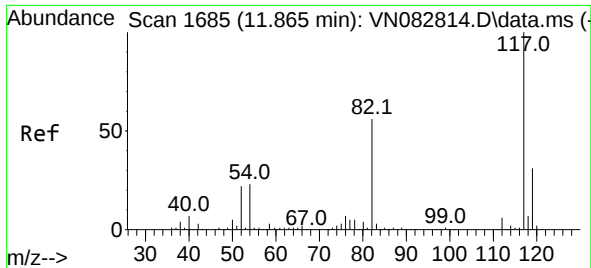
Ion Ratio Lower Upper

95 100

174 84.8 0.0 159.2

176 80.2 0.0 147.6

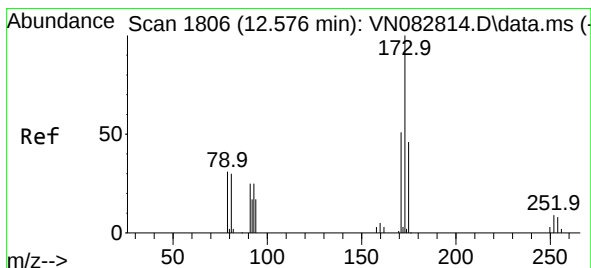
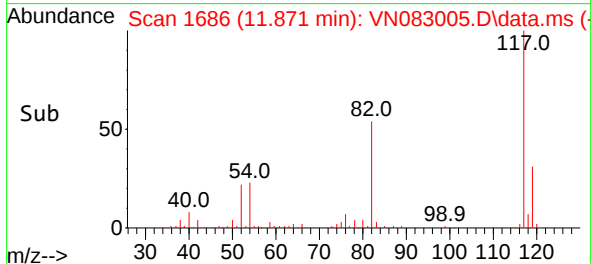
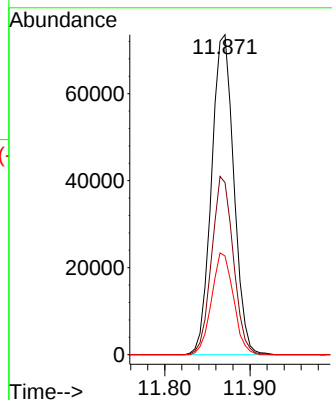
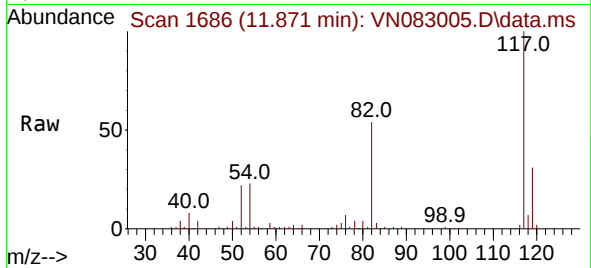




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

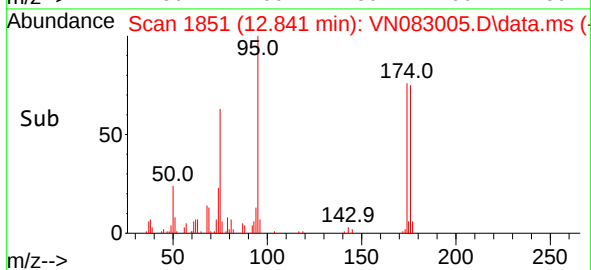
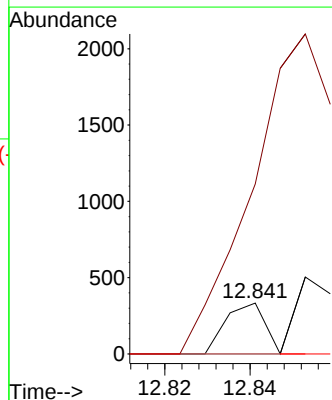
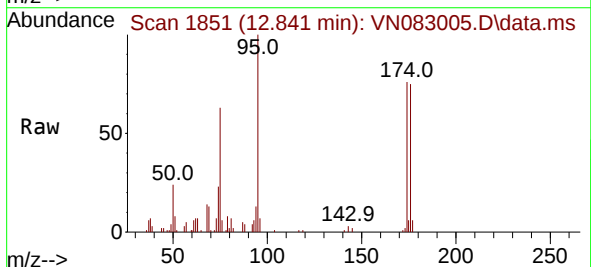
Instrument :
MSVOA_N
ClientSampleId :

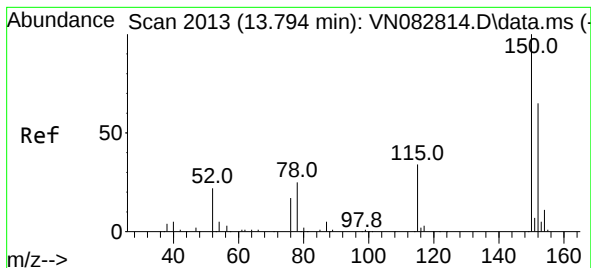
Tgt Ion:117 Resp: 133551
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 30.9 25.6 38.4



#71
Bromoform
Concen: 0.265 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

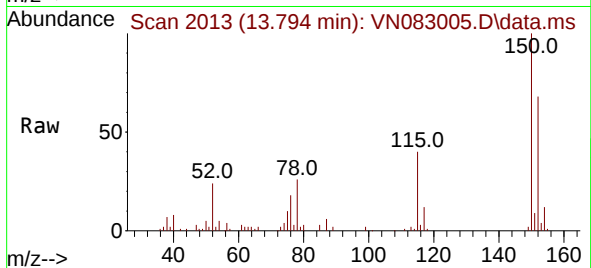
Tgt Ion:173 Resp: 212
Ion Ratio Lower Upper
173 100
175 1285.4 24.0 72.0#
254 0.0 0.0 0.0



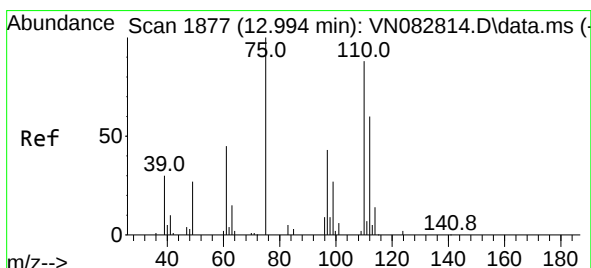
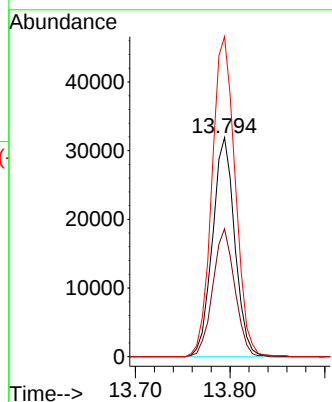
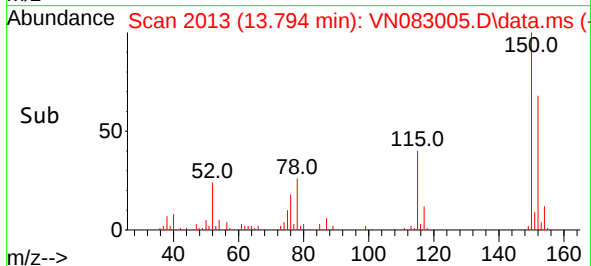


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

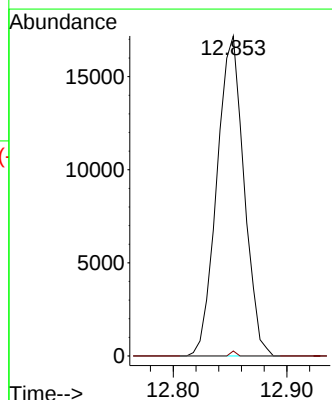
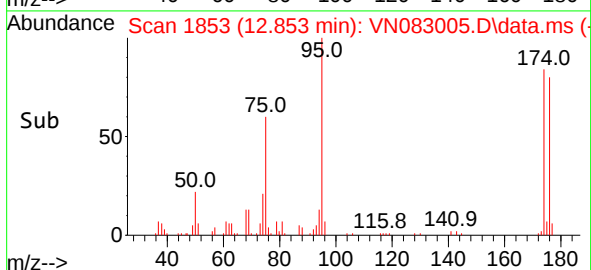
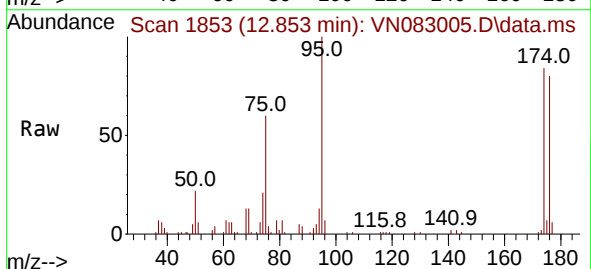


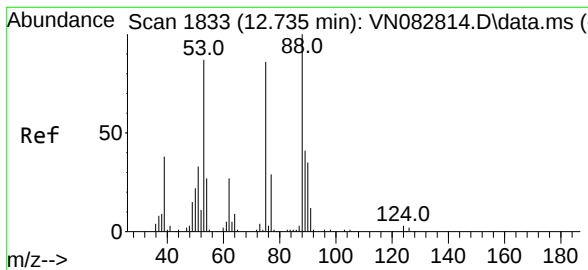
Tgt Ion:152 Resp: 52070
Ion Ratio Lower Upper
152 100
115 57.8 30.6 91.6
150 152.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.734 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion: 75 Resp: 28488
Ion Ratio Lower Upper
75 100
77 0.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.411 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083005.D
 Acq: 22 Jul 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 28488
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

