

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083056.D
 Acq On : 26 Jul 2024 17:00
 Operator : JC\MD
 Sample : P3383-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:10:03 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)

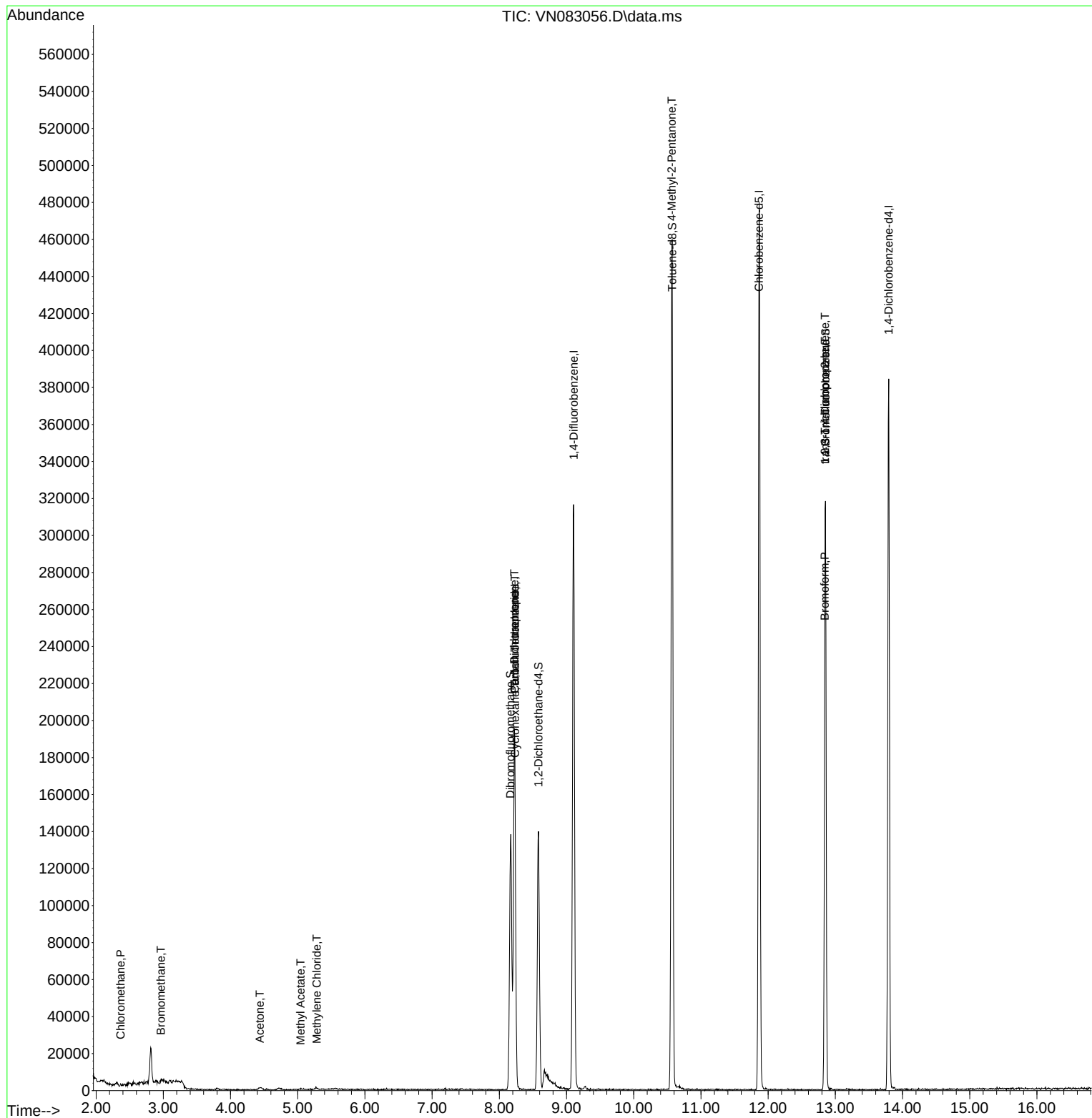
Internal Standards						
1) Pentafluorobenzene	8.230	168	132652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113485	61.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.060%	
35) Dibromofluoromethane	8.165	113	96679	57.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.180%	
50) Toluene-d8	10.571	98	314673	50.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.853	95	98208	43.711	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	760	0.467	ug/l	92
5) Bromomethane	2.965	94	478	0.388	ug/l	87
16) Acetone	4.436	43	2793	4.266	ug/l #	48
18) Methyl Acetate	5.042	43	351	0.203	ug/l #	56
20) Methylene Chloride	5.283	84	552	0.349	ug/l #	25
31) Cyclohexane	8.236	56	3823	1.573	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	12574	5.385	ug/l #	52
38) Carbon Tetrachloride	8.230	117	14934	5.312	ug/l #	16
43) Isopropyl Acetate	8.683	43	8148	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1815	0.770	ug/l #	1
71) Bromoform	12.841	173	999	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58523	32.965	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58523	64.832	ug/l #	6

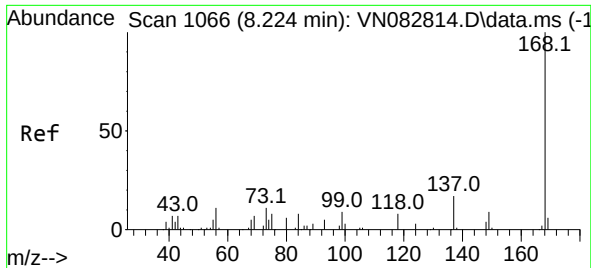
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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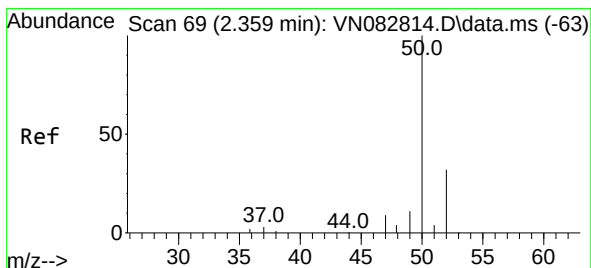
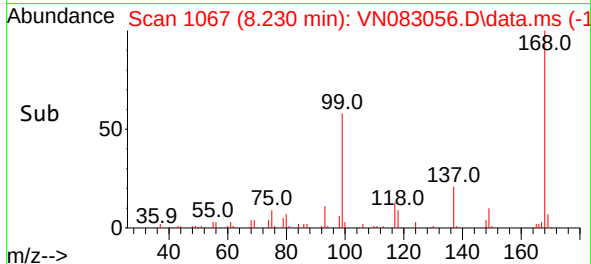
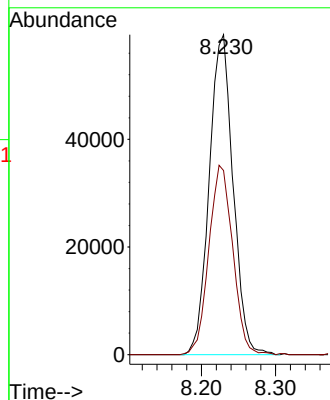
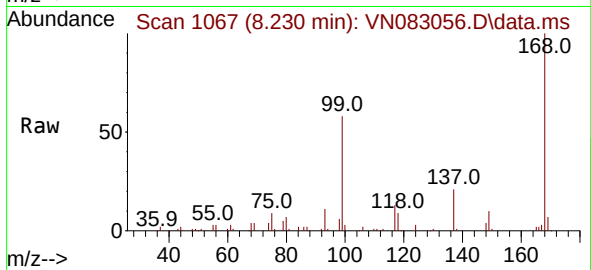




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

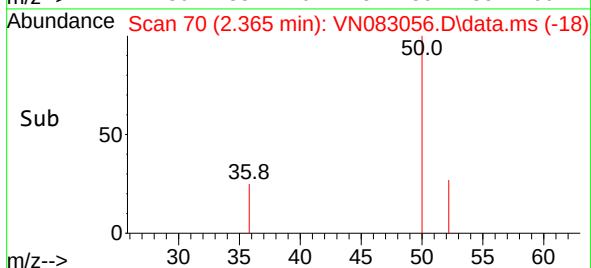
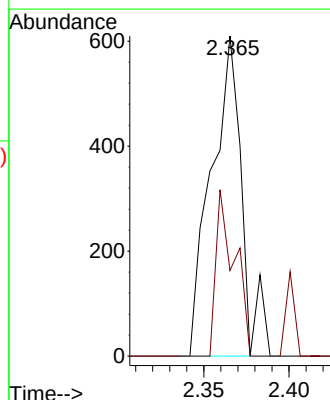
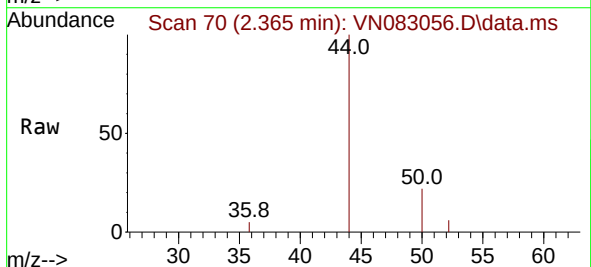
Instrument :
MSVOA_N
ClientSampleId :

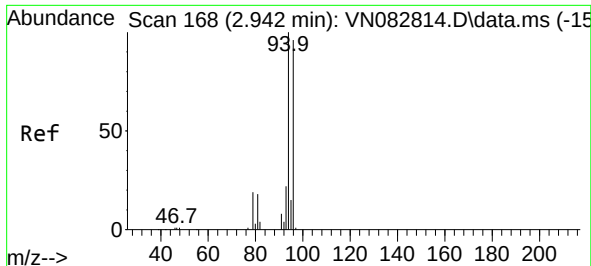
Tgt Ion:168 Resp: 132652
Ion Ratio Lower Upper
168 100
99 57.6 48.2 72.4



#3
Chloromethane
Concen: 0.467 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 26.7 25.0 37.4

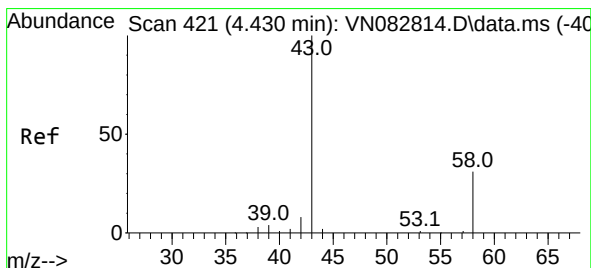
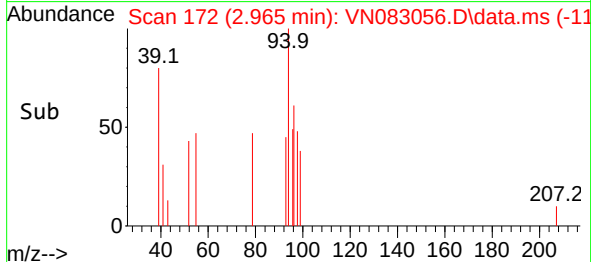
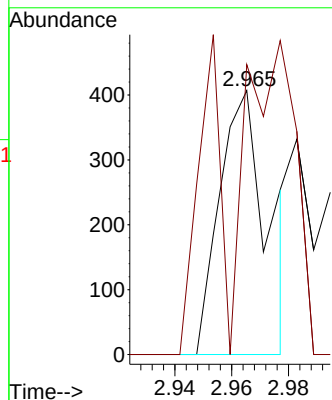
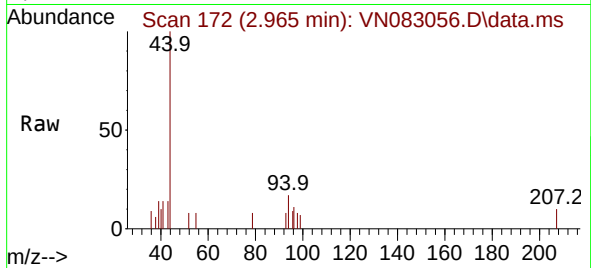




#5
Bromomethane
Concen: 0.388 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

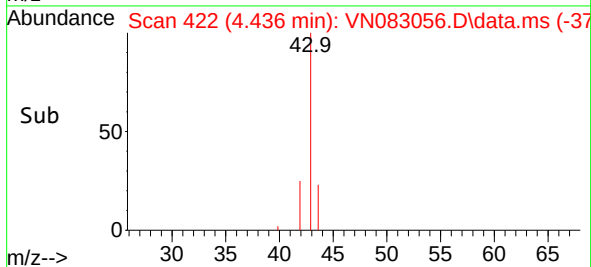
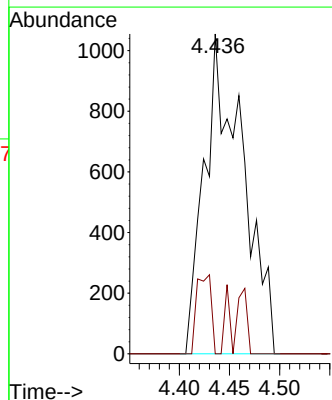
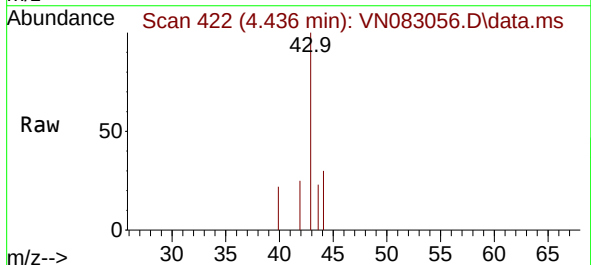
Instrument :
MSVOA_N
ClientSampleId :

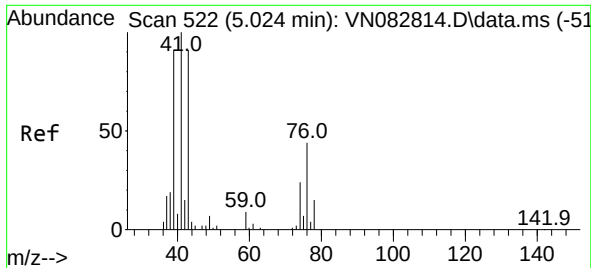
Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 109.8 78.0 117.0



#16
Acetone
Concen: 4.266 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Tgt Ion: 43 Resp: 2793
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

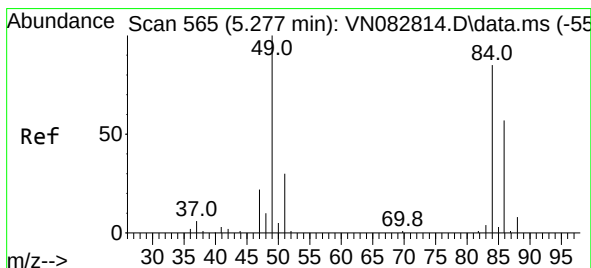
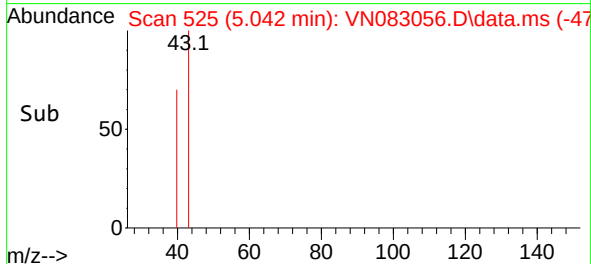
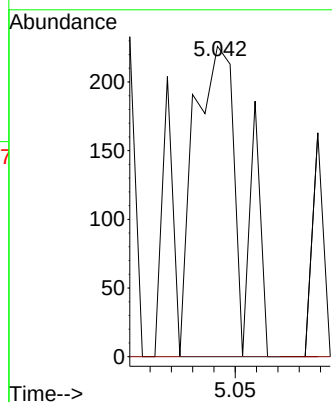
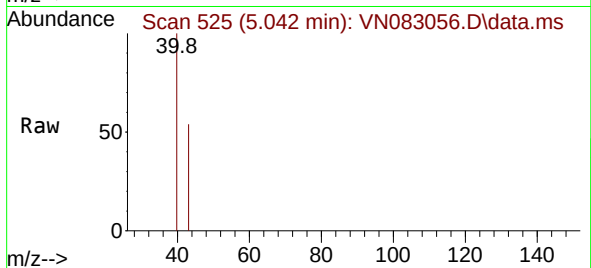




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

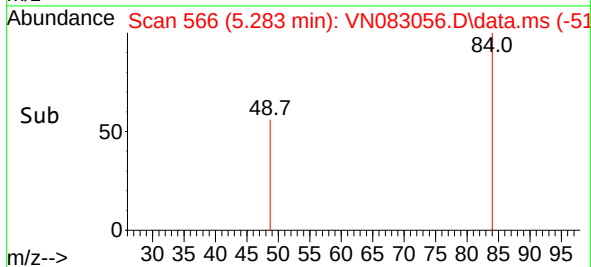
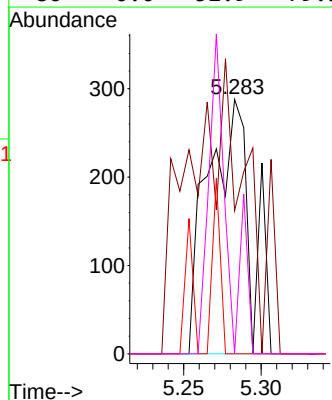
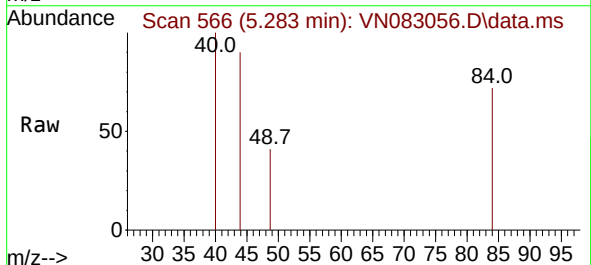
Instrument :
MSVOA_N
ClientSampleId :

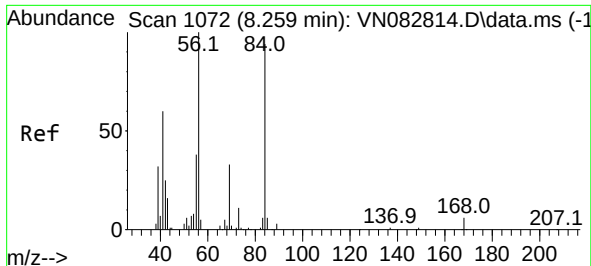
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

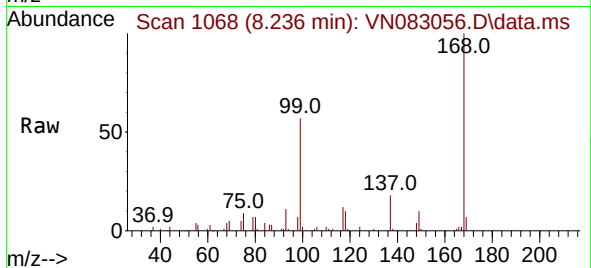
Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 56.3 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



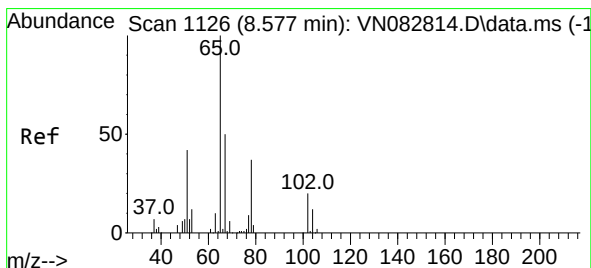
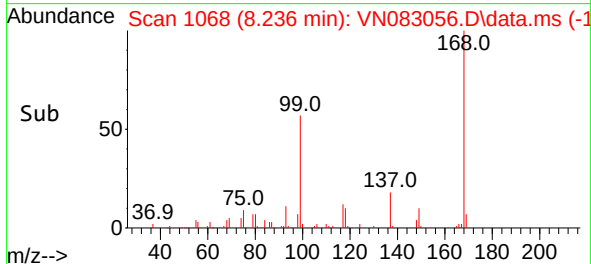
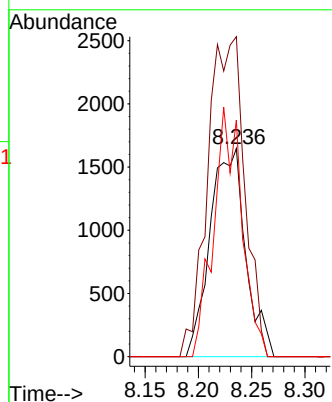


#31
Cyclohexane
Concen: 1.573 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

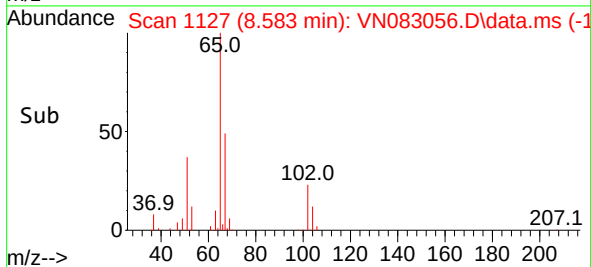
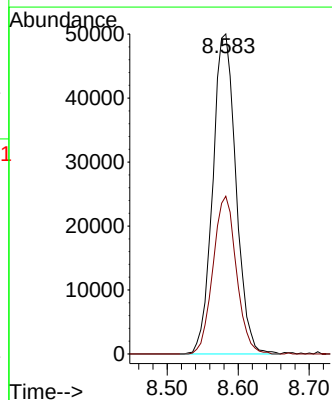
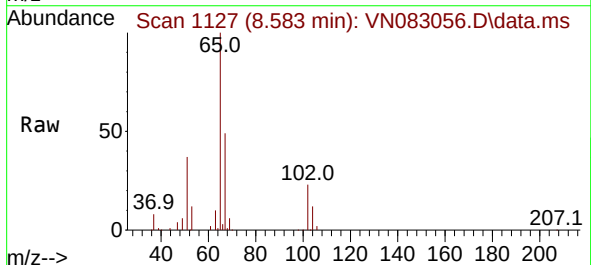


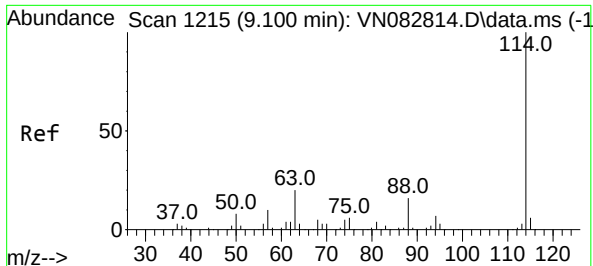
Tgt Ion: 56 Resp: 3823
Ion Ratio Lower Upper
56 100
69 153.7 24.5 36.7#
84 113.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 61.029 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Tgt Ion: 65 Resp: 113485
Ion Ratio Lower Upper
65 100
67 49.6 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: VN083056.D

Acq: 26 Jul 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

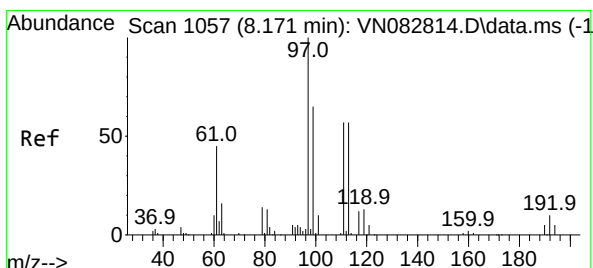
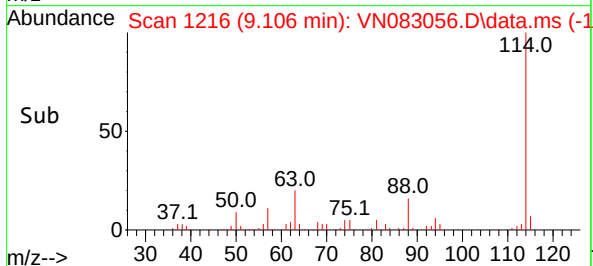
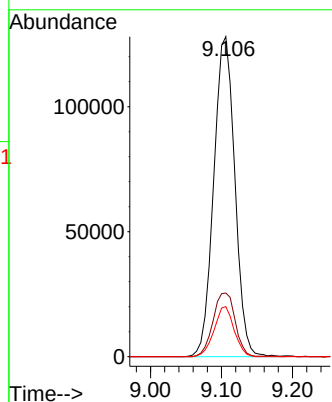
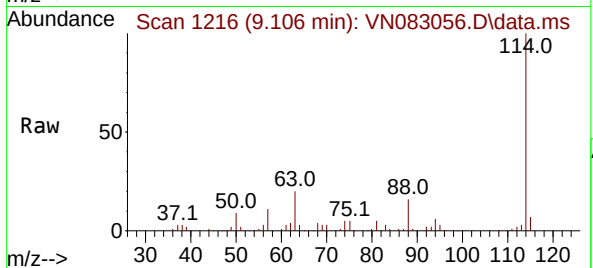
Tgt Ion:114 Resp: 263910

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.090 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083056.D

Acq: 26 Jul 2024 17:00

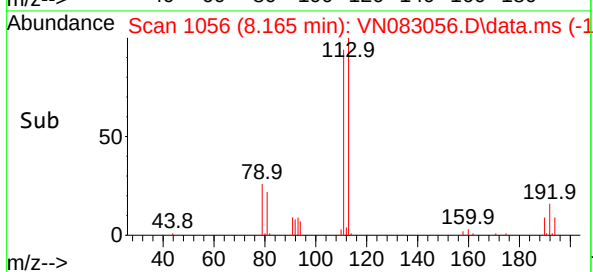
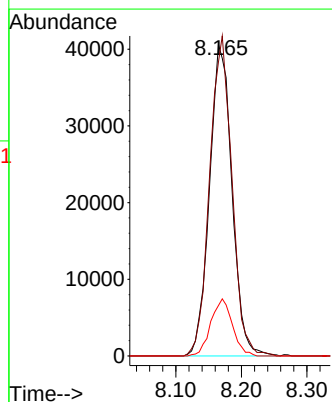
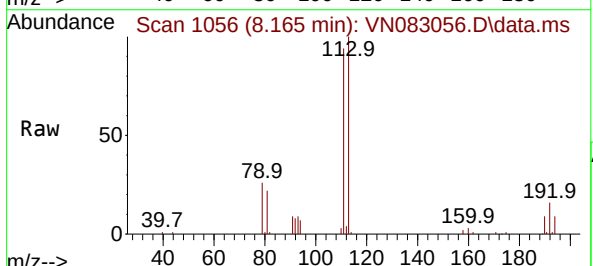
Tgt Ion:113 Resp: 96679

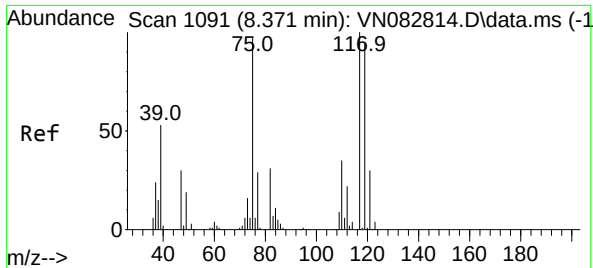
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.385 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083056.D

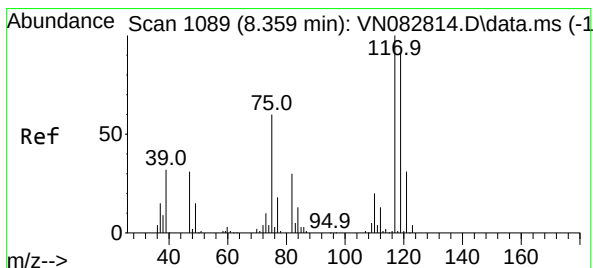
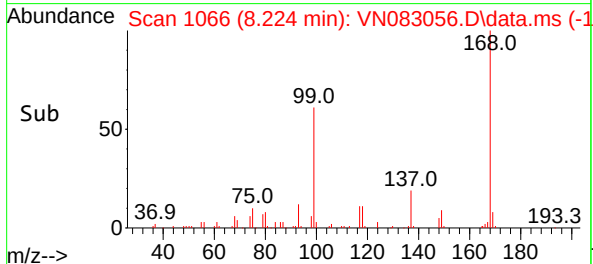
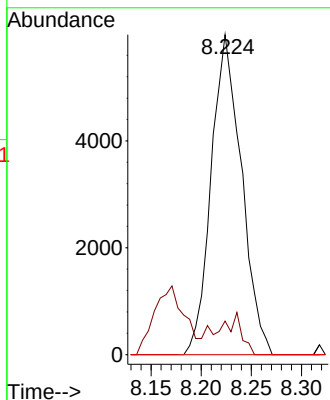
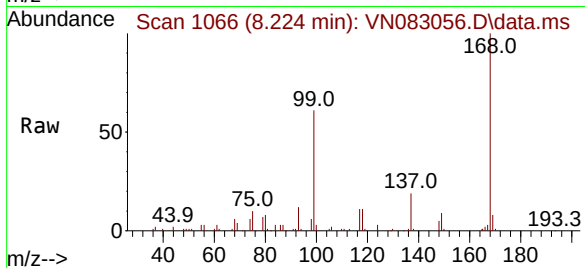
Acq: 26 Jul 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	12574
Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.312 ug/l

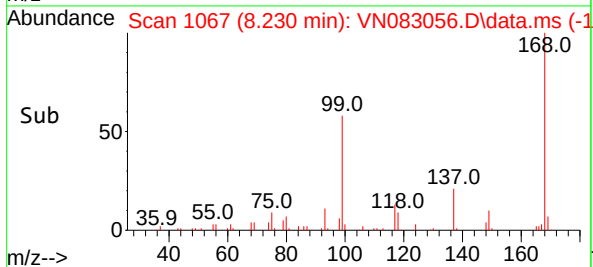
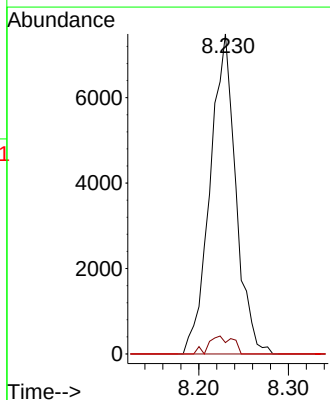
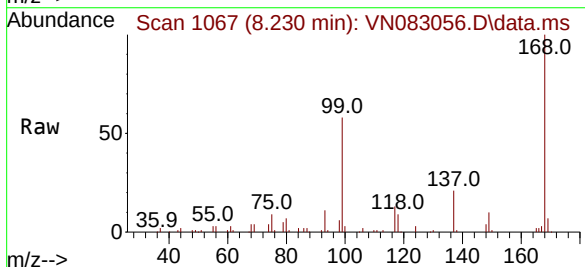
RT: 8.230 min Scan# 1067

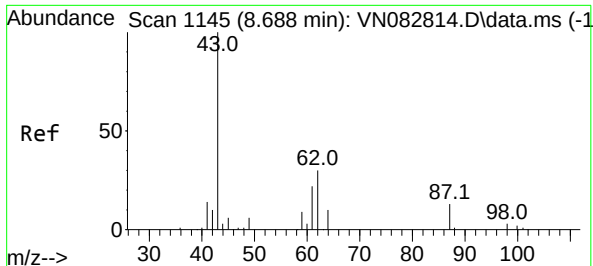
Delta R.T. -0.135 min

Lab File: VN083056.D

Acq: 26 Jul 2024 17:00

Tgt Ion:	117	Resp:	14934
Ion	Ratio	Lower	Upper
117	100		
119	3.6	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1144

Delta R.T. -0.011 min

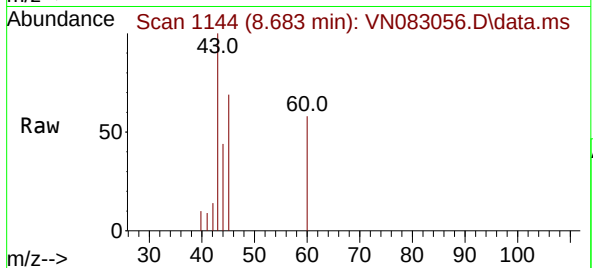
Lab File: VN083056.D

Acq: 26 Jul 2024 17:00

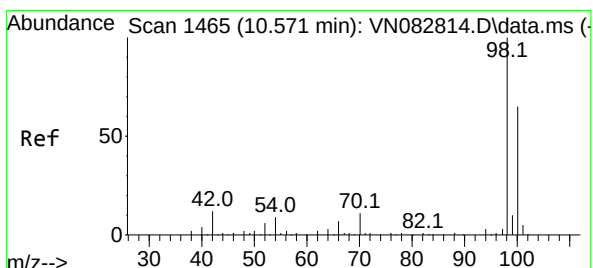
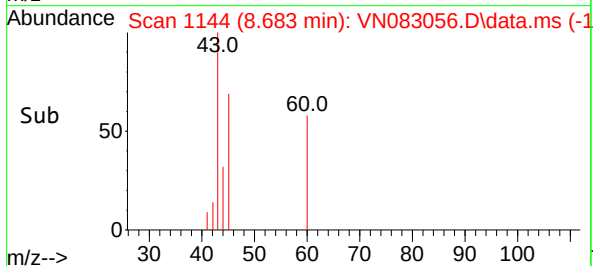
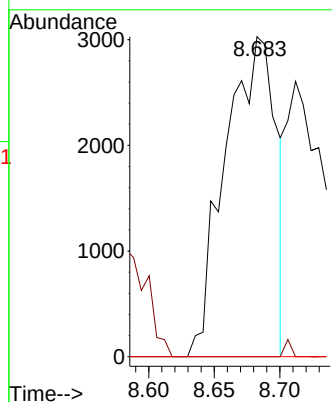
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	8148
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 50.310 ug/l

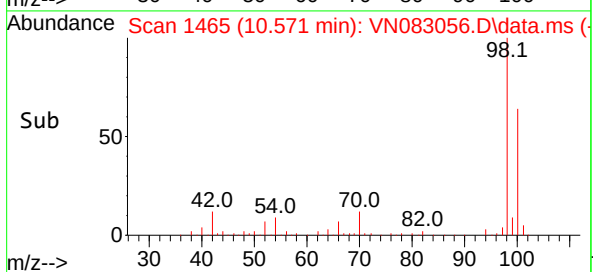
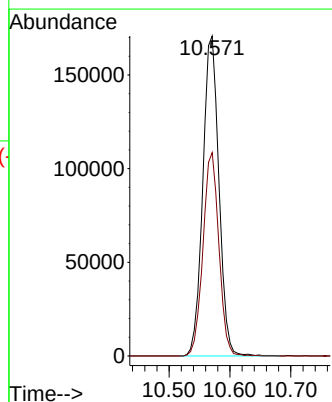
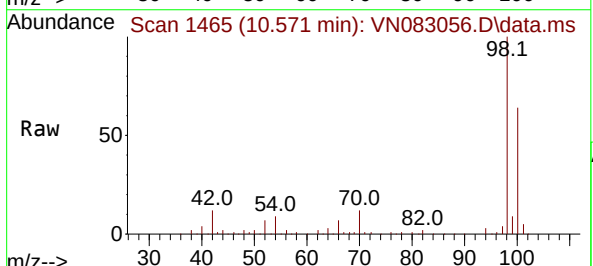
RT: 10.571 min Scan# 1465

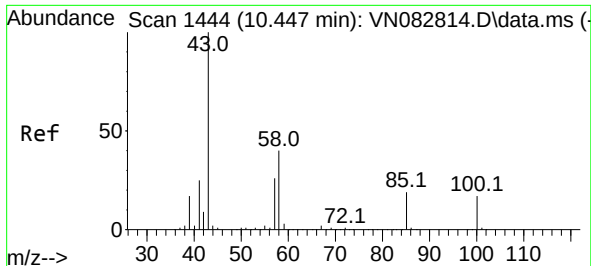
Delta R.T. 0.001 min

Lab File: VN083056.D

Acq: 26 Jul 2024 17:00

Tgt Ion:	98	Resp:	314673
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.5	77.3

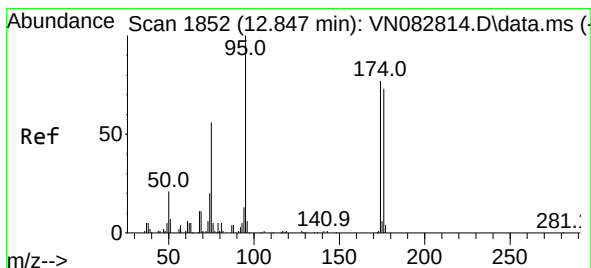
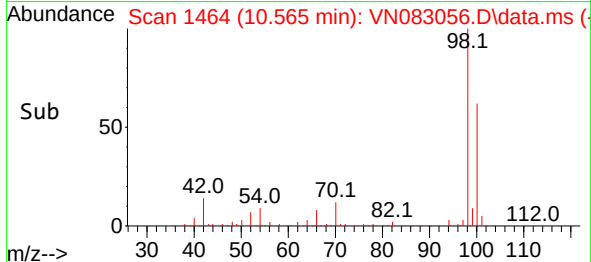
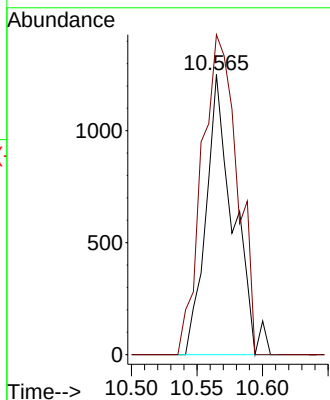
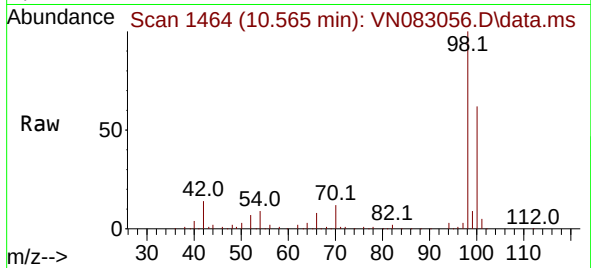




#51
4-Methyl-2-Pentanone
Concen: 0.770 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

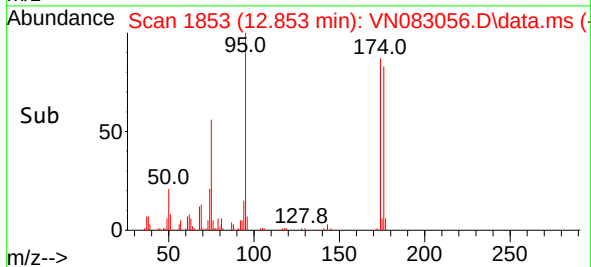
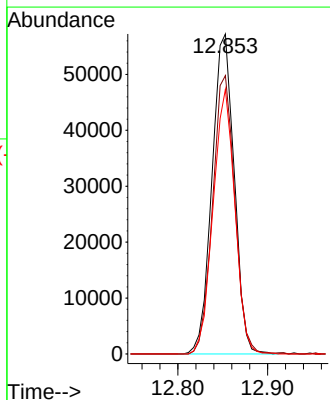
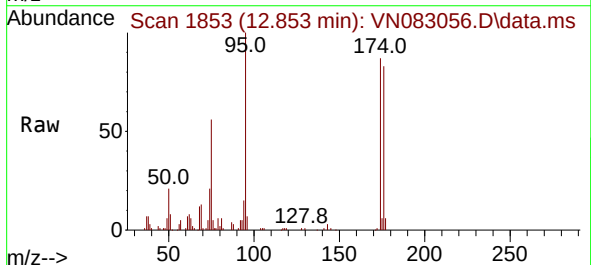
Instrument :
MSVOA_N
ClientSampleId :

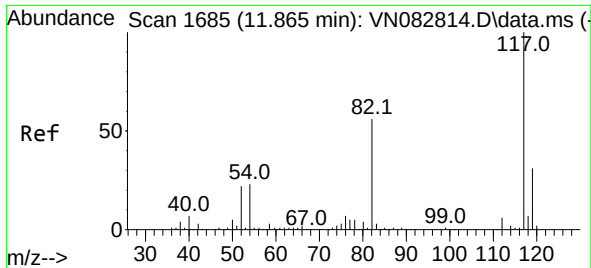
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 147.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 43.711 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Tgt Ion: 95 Resp: 98208
Ion Ratio Lower Upper
95 100
174 87.1 0.0 159.2
176 81.2 0.0 147.6

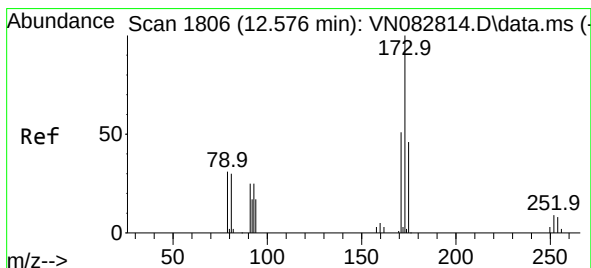
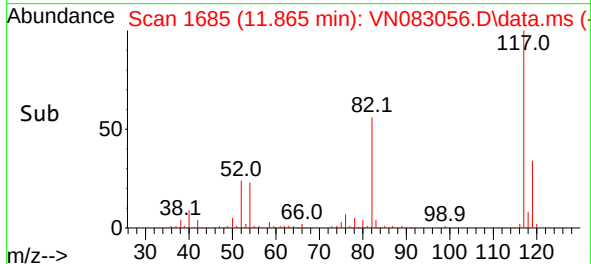
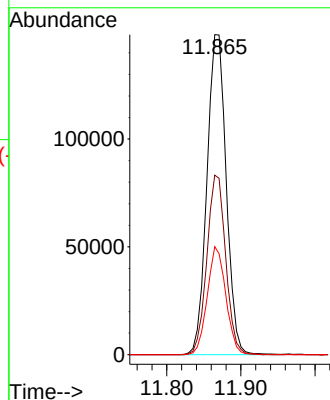
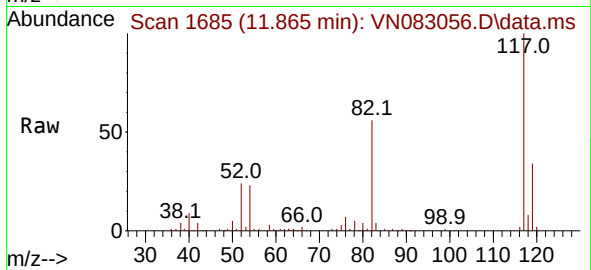




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

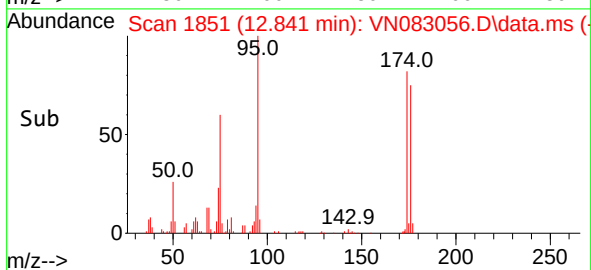
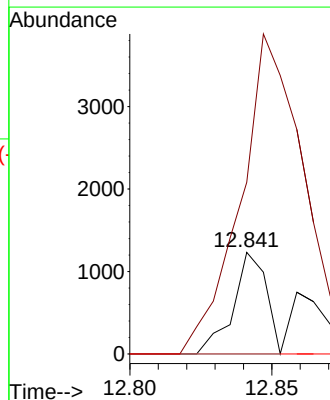
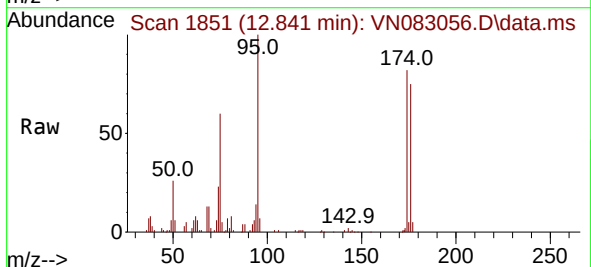
Instrument :
MSVOA_N
ClientSampleId :

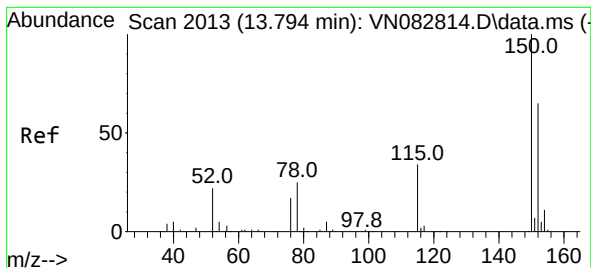
Tgt Ion:117 Resp: 268149
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 33.7 25.6 38.4



#71
Bromoform
Concen: 0.622 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Tgt Ion:173 Resp: 999
Ion Ratio Lower Upper
173 100
175 510.3 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# 20

Delta R.T. 0.000 min

Lab File: VN083056.D

Acq: 26 Jul 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

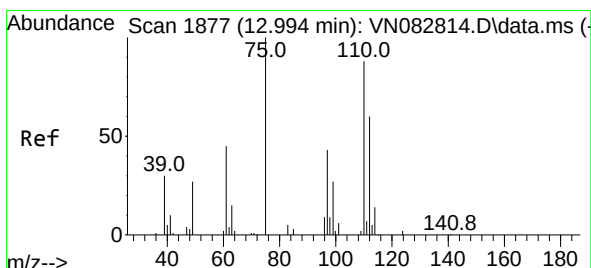
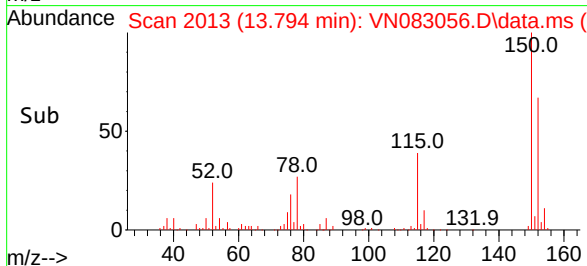
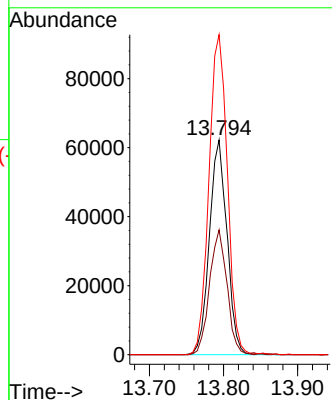
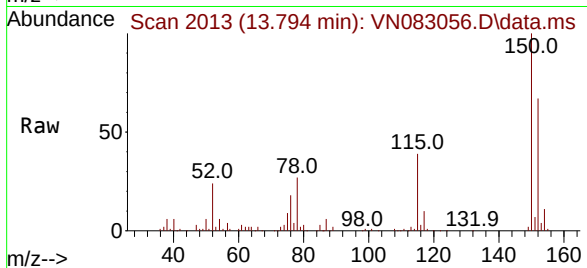
Tgt Ion:152 Resp: 102974

Ion Ratio Lower Upper

152 100

115 57.4 30.6 91.6

150 155.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.965 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083056.D

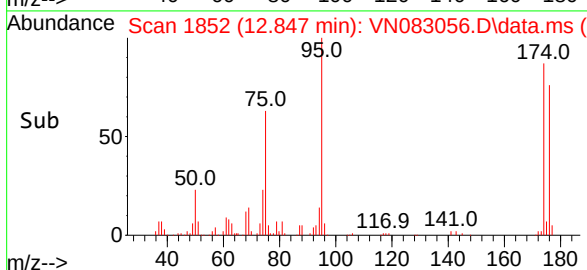
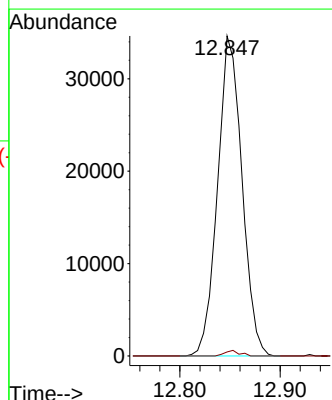
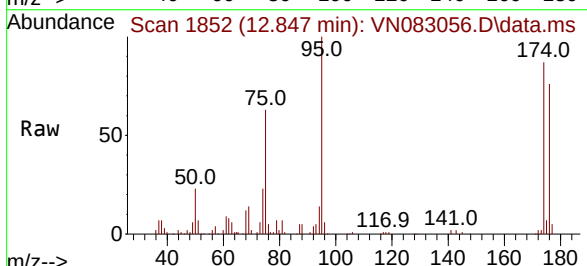
Acq: 26 Jul 2024 17:00

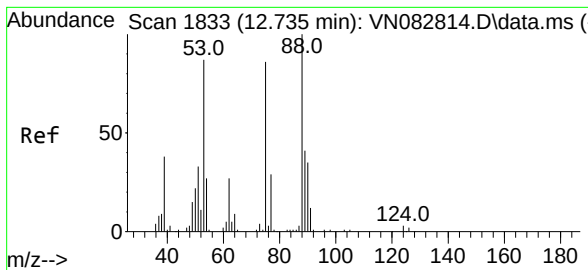
Tgt Ion: 75 Resp: 58523

Ion Ratio Lower Upper

75 100

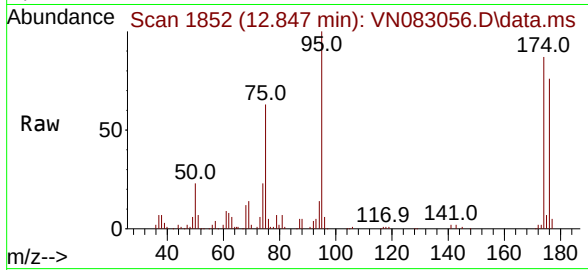
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.832 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN083056.D
Acq: 26 Jul 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58523
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

