

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084102.D
 Acq On : 23 Sep 2024 11:53
 Operator : JC\MD
 Sample : P4003-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911

Quant Time: Sep 24 01:30:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

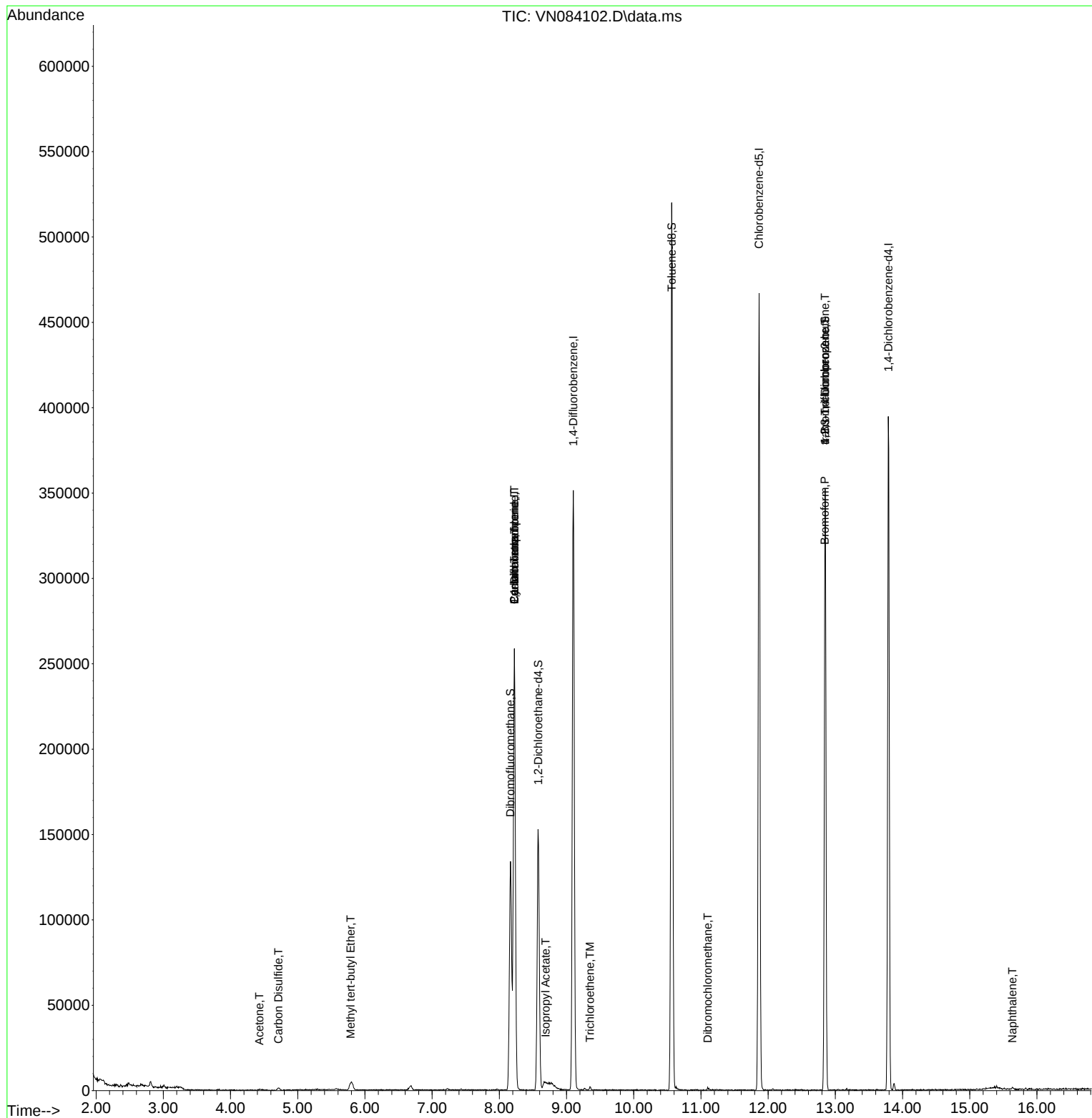
Internal Standards						
1) Pentafluorobenzene	8.224	168	172031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130667	50.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
35) Dibromofluoromethane	8.165	113	94146	50.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.565	98	352713	54.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.540%			
62) 4-Bromofluorobenzene	12.847	95	122919	45.837	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.680%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	348	Below Cal	#	41
16) Acetone	4.430	43	498	0.479	ug/l #	45
17) Carbon Disulfide	4.712	76	1088	0.209	ug/l #	75
18) Methyl Acetate	5.018	43	66	Below Cal	#	52
19) Methyl tert-butyl Ether	5.789	73	8295	1.232	ug/l	99
31) Cyclohexane	8.224	56	4766	1.271	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	16076	5.681	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19598	6.104	ug/l #	16
43) Isopropyl Acetate	8.688	43	4752	1.021	ug/l #	57
44) Trichloroethene	9.347	130	583	0.296	ug/l	45
60) Dibromochloromethane	11.100	129	440	0.202	ug/l #	10
71) Bromoform	12.841	173	364	0.281	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69118	34.103	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69118	89.317	ug/l #	9
95) Naphthalene	15.635	128	1293	0.232	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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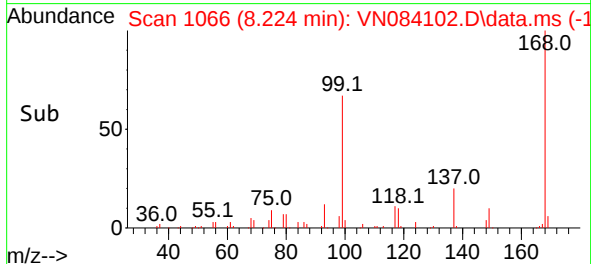
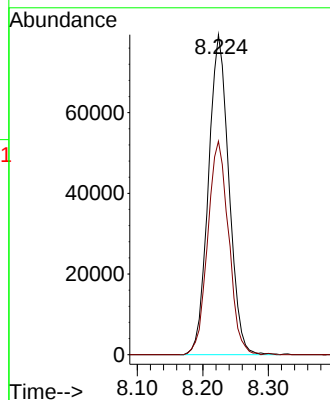
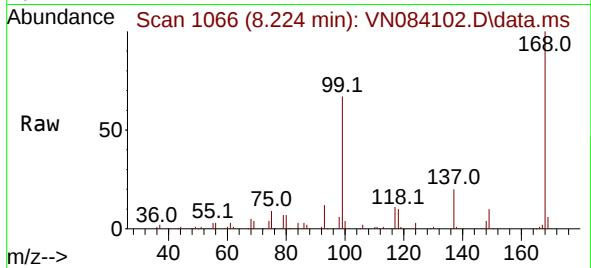




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

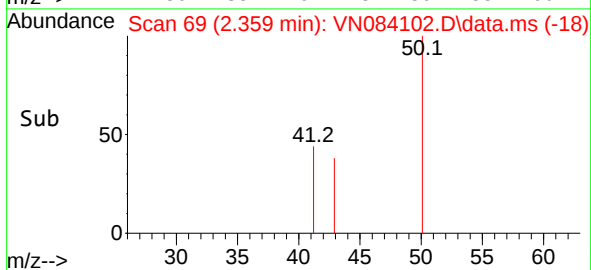
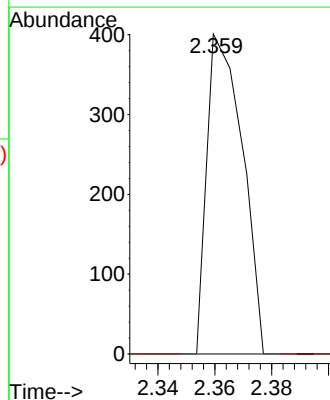
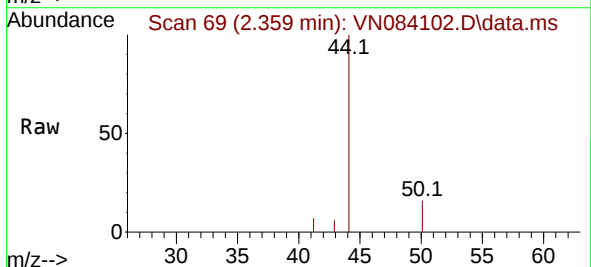
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:168 Resp: 172031
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

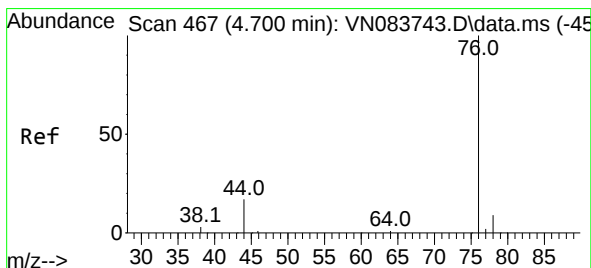
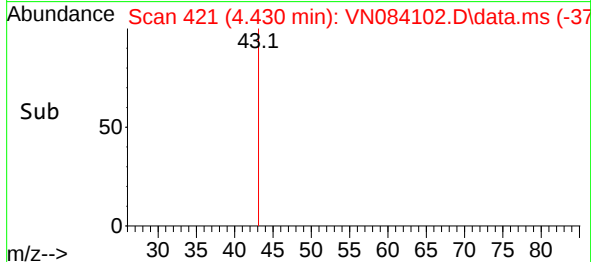
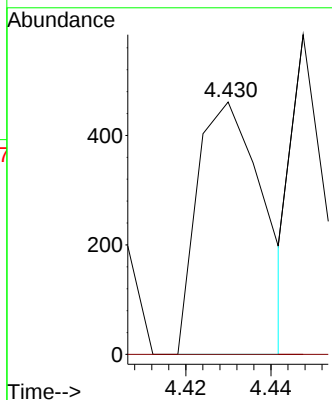
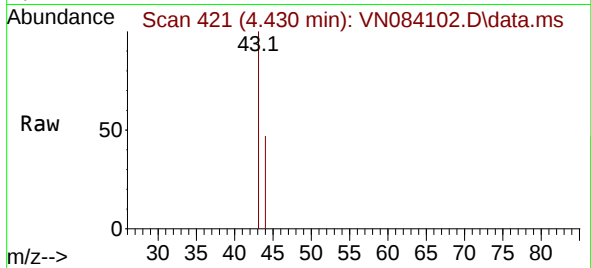




#16
Acetone
Concen: 0.479 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

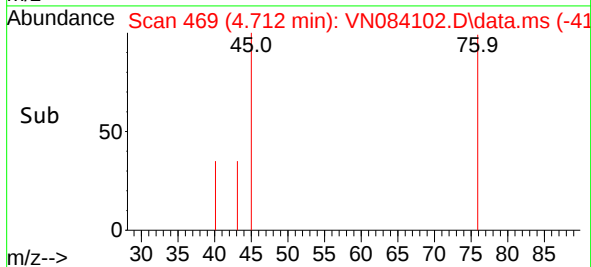
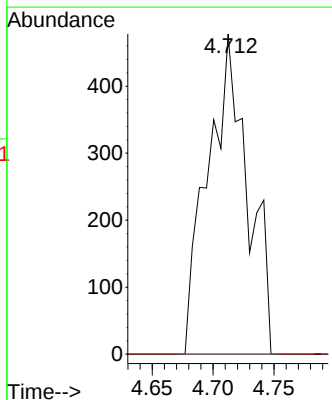
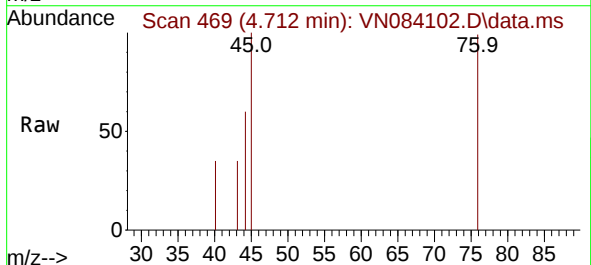
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 76 Resp: 1088
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

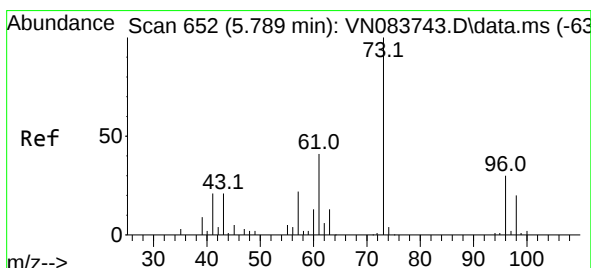
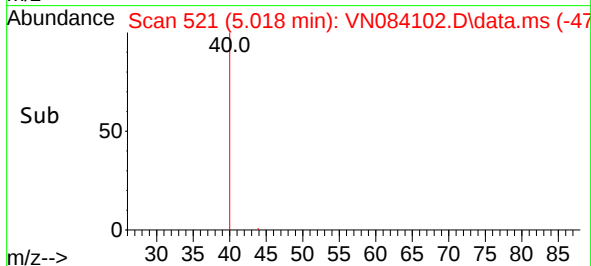
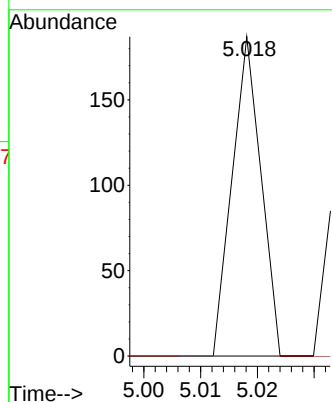
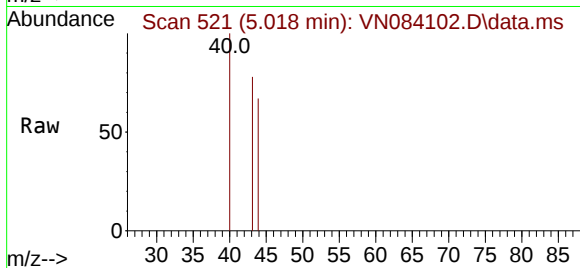
DUPE2-20240911

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#19

Methyl tert-butyl Ether

Concen: 1.232 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN084102.D

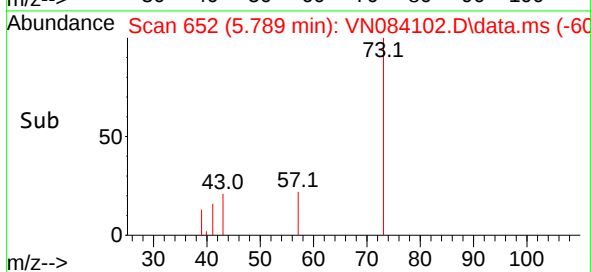
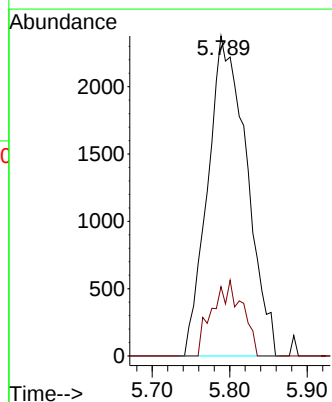
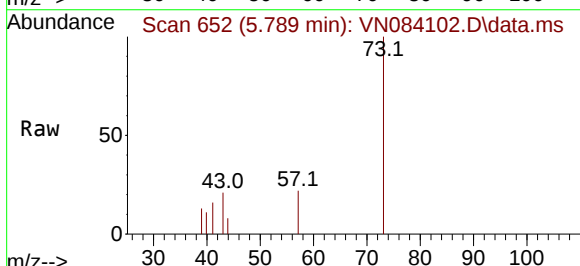
Acq: 23 Sep 2024 11:53

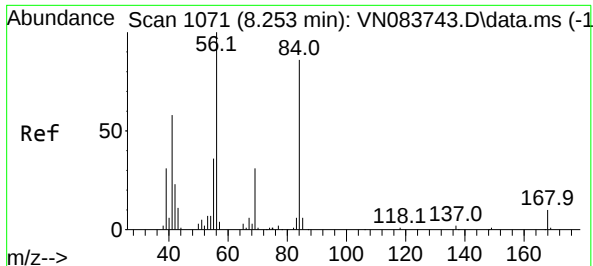
Tgt Ion: 73 Resp: 8295

Ion Ratio Lower Upper

73 100

57 21.7 17.0 25.6

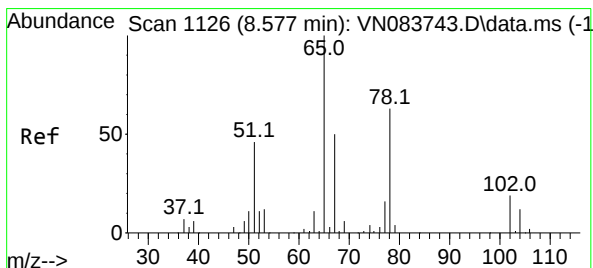
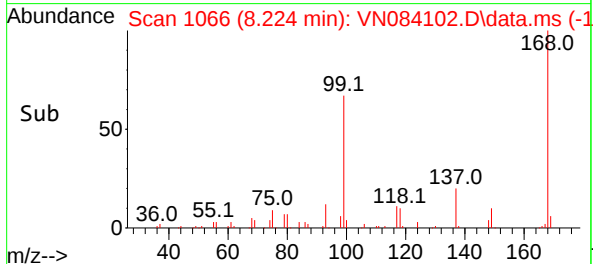
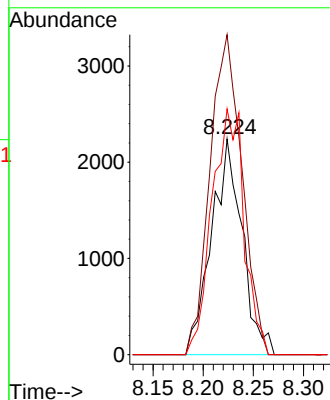
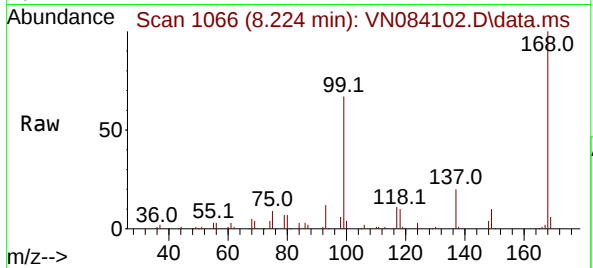




#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

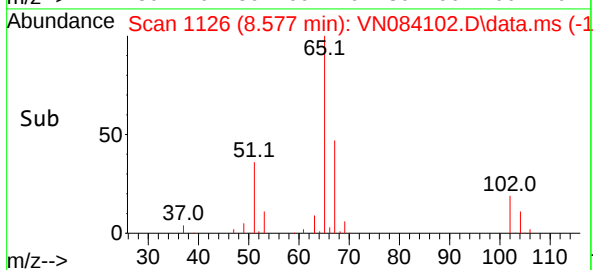
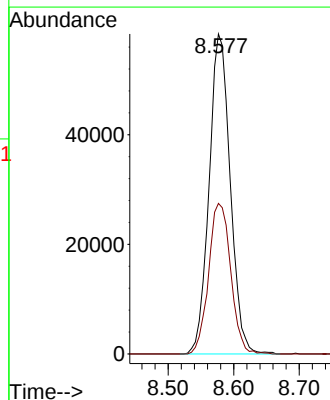
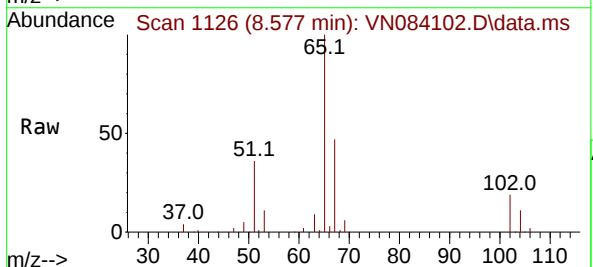
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

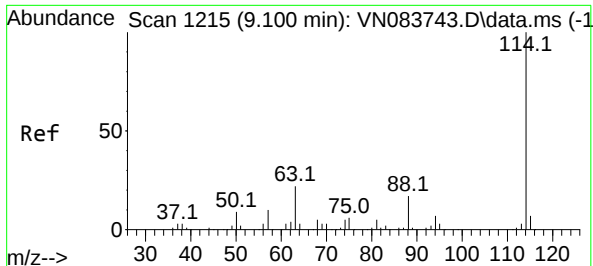
Tgt Ion: 56 Resp: 4766
Ion Ratio Lower Upper
56 100
69 148.4 26.9 40.3#
84 113.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.373 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 65 Resp: 130667
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

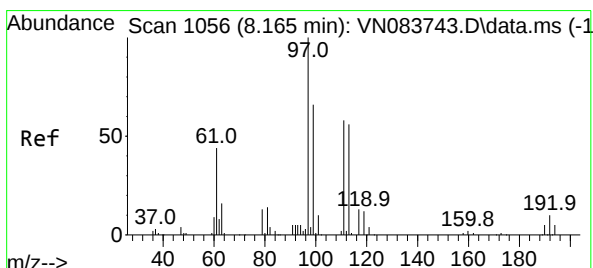
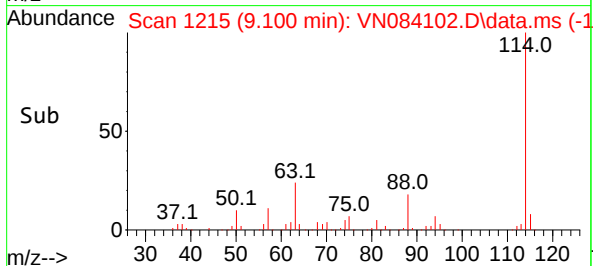
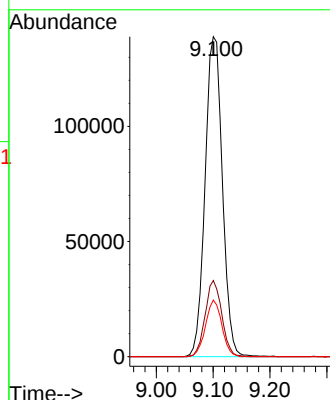
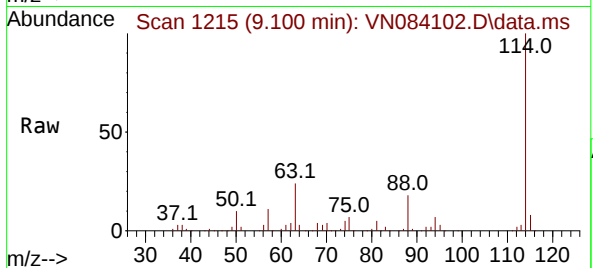




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

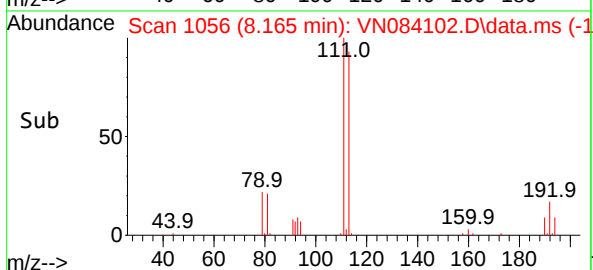
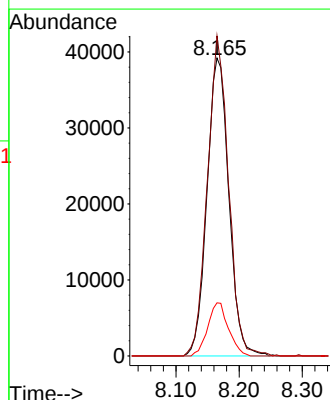
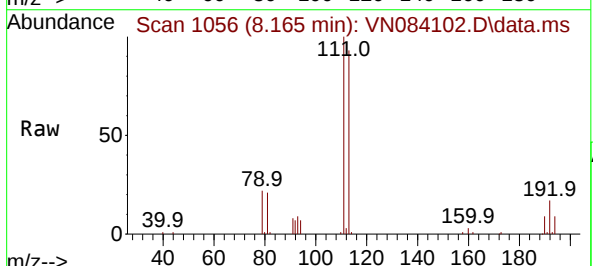
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

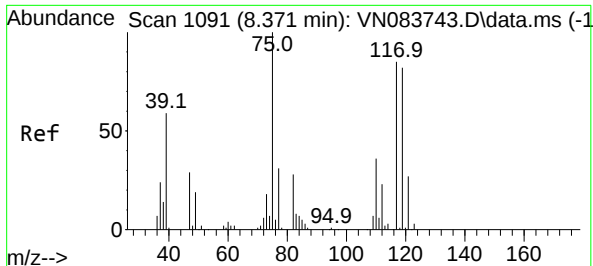
Tgt Ion:114 Resp: 293687
Ion Ratio Lower Upper
114 100
63 23.8 0.0 43.4
88 17.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.074 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion:113 Resp: 94146
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.681 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

DUPE2-20240911

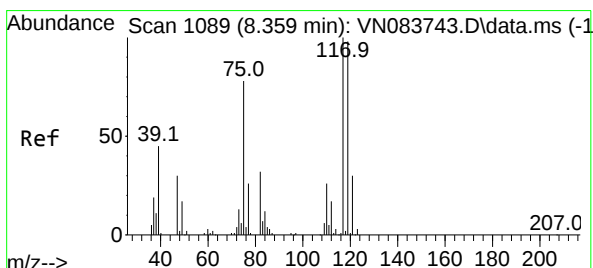
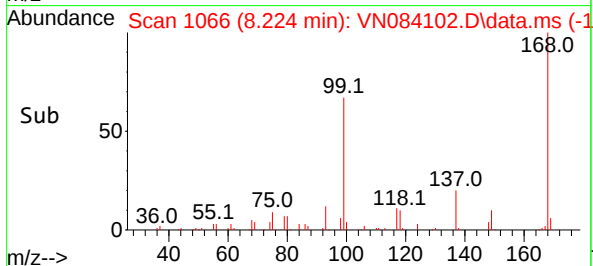
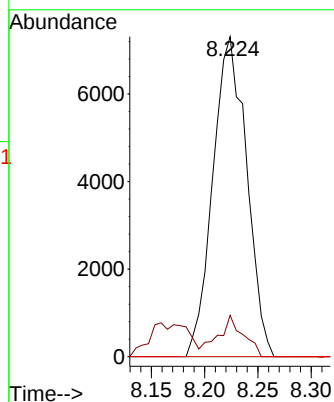
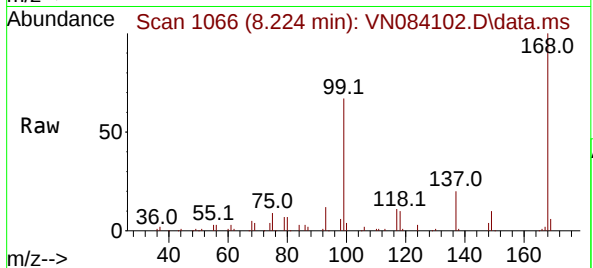
Tgt Ion: 75 Resp: 16076

Ion Ratio Lower Upper

75 100

110 9.7 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.104 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

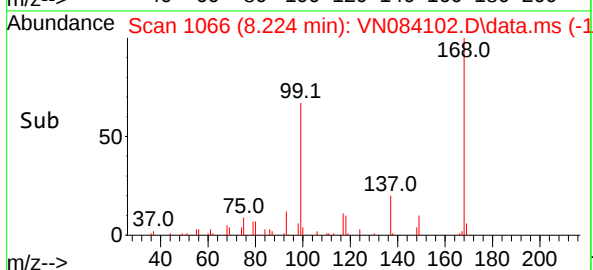
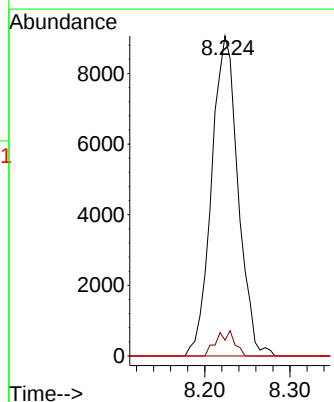
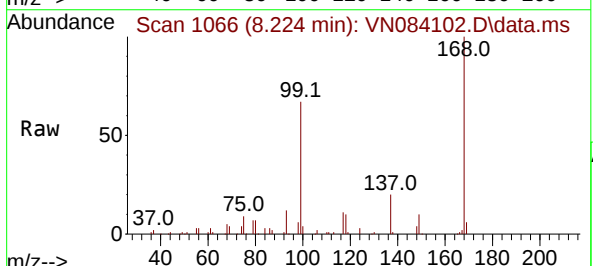
Tgt Ion: 117 Resp: 19598

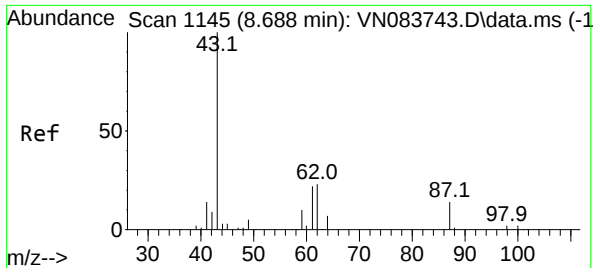
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.1 36.1#

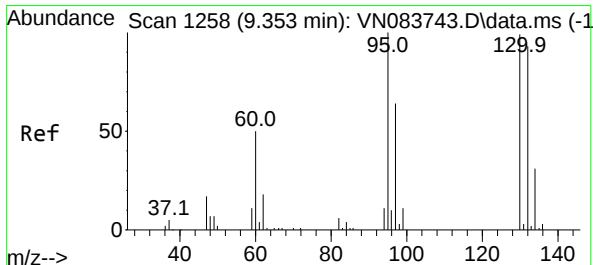
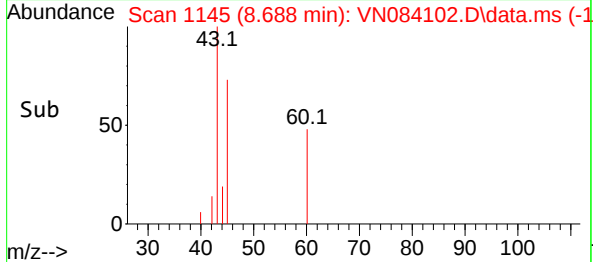
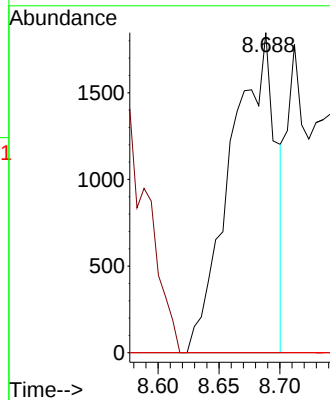
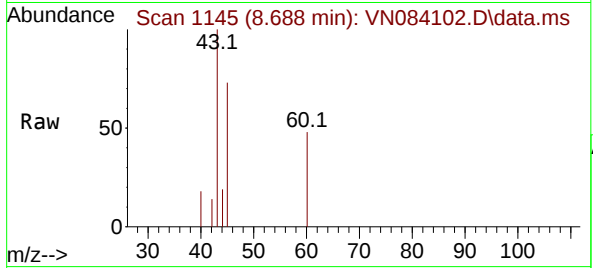




#43
Isopropyl Acetate
Concen: 1.021 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

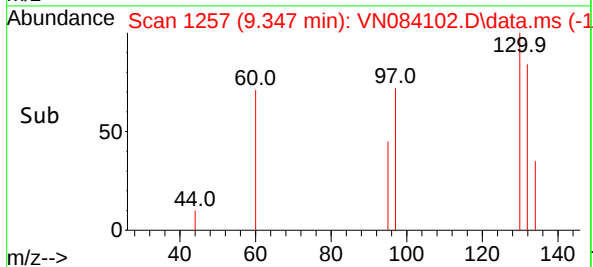
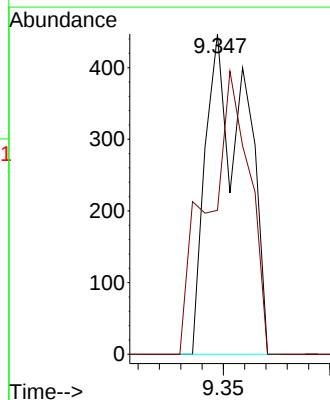
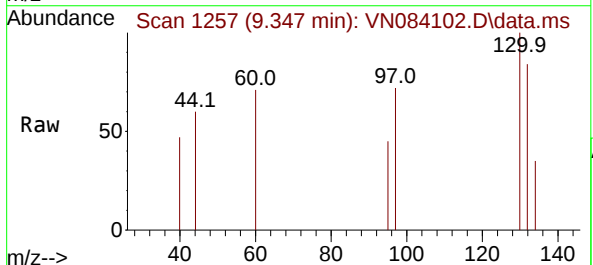
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

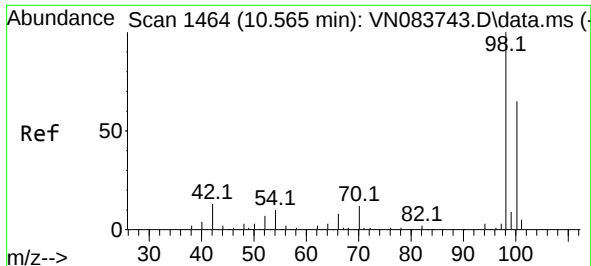
Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.296 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 130 Resp: 583
Ion Ratio Lower Upper
130 100
95 45.0 0.0 200.4





#50

Toluene-d8

Concen: 54.265 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

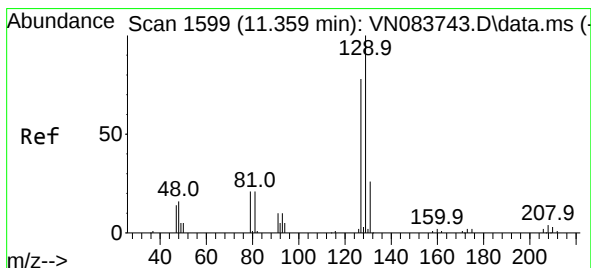
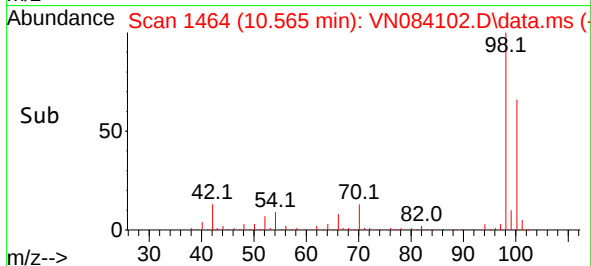
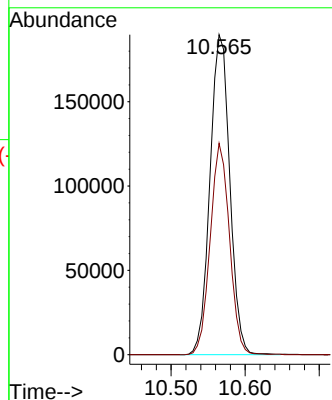
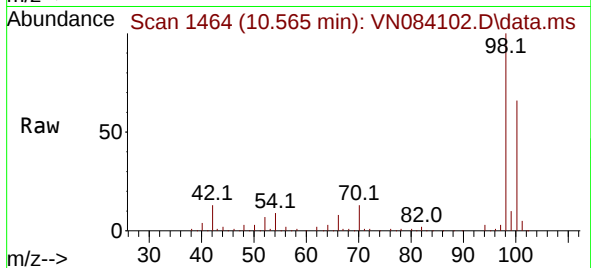
DUPE2-20240911

Tgt Ion: 98 Resp: 352713

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#60

Dibromochloromethane

Concen: 0.202 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.259 min

Lab File: VN084102.D

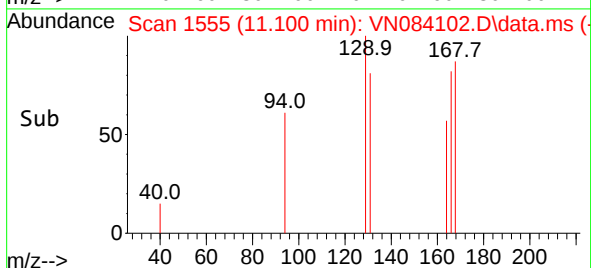
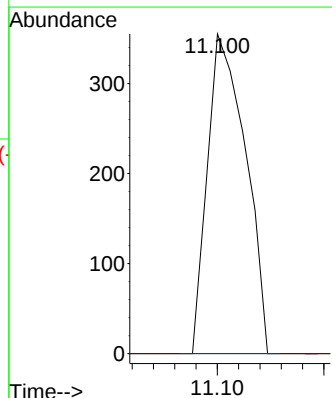
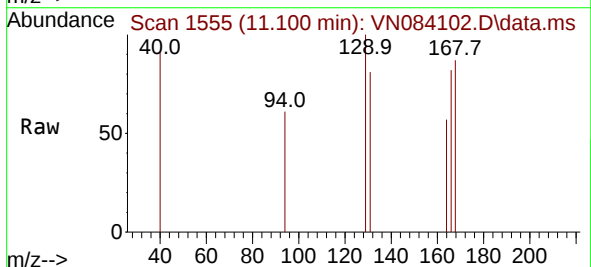
Acq: 23 Sep 2024 11:53

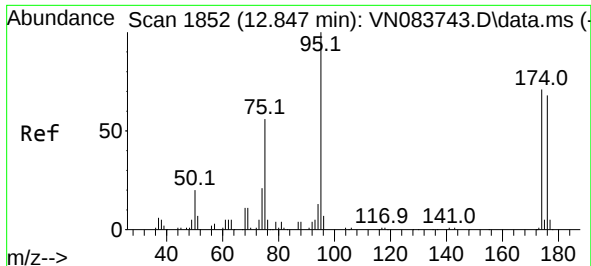
Tgt Ion:129 Resp: 440

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#

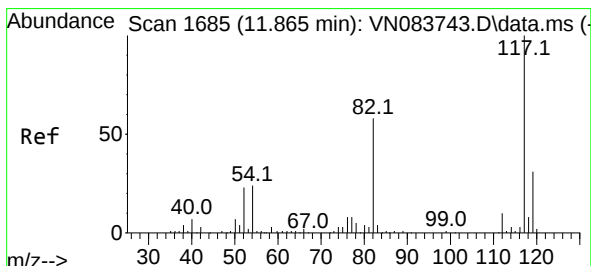
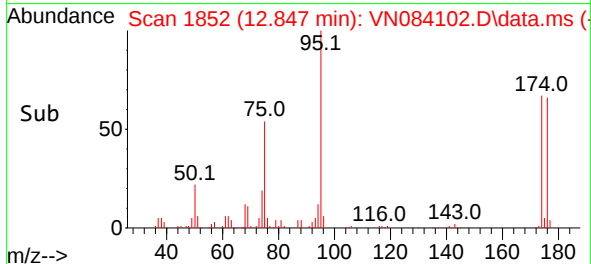
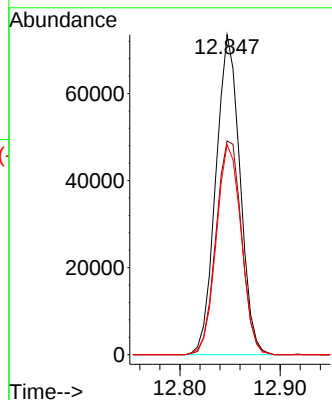
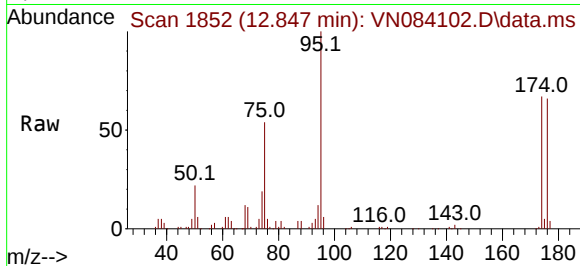




#62
4-Bromofluorobenzene
Concen: 45.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

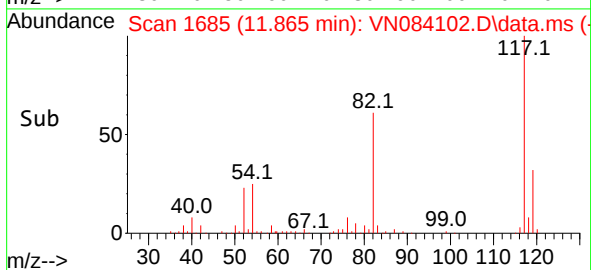
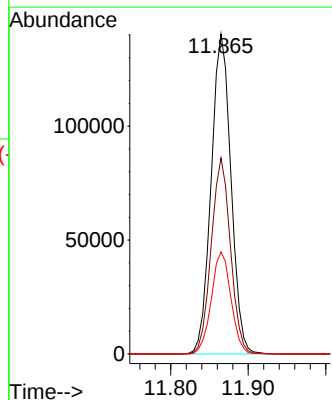
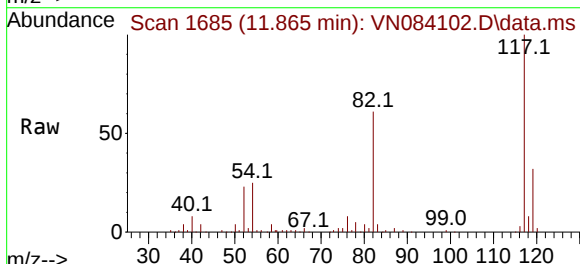
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

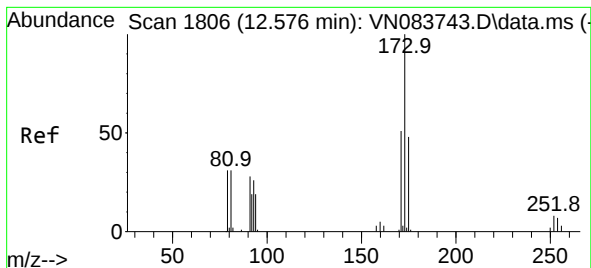
Tgt Ion: 95 Resp: 122919
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Tgt Ion: 117 Resp: 249092
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 31.9 26.3 39.5





#71

Bromoform

Concen: 0.281 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

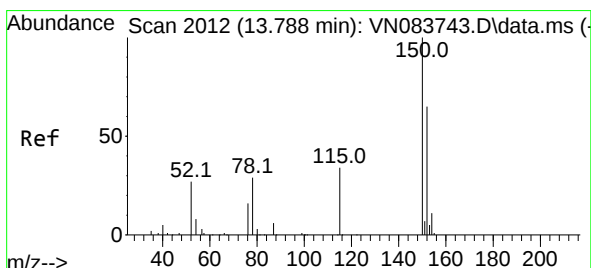
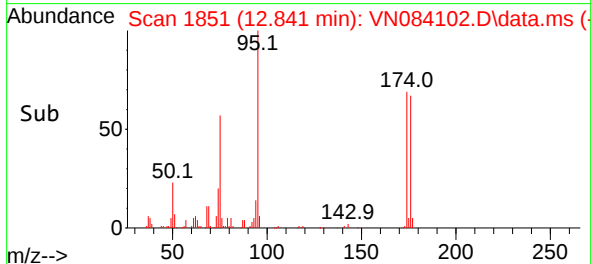
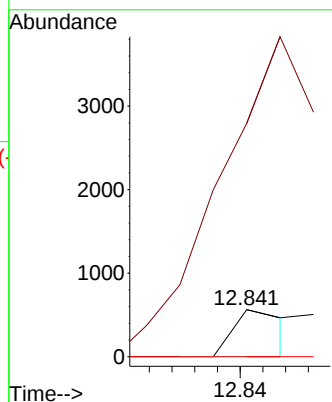
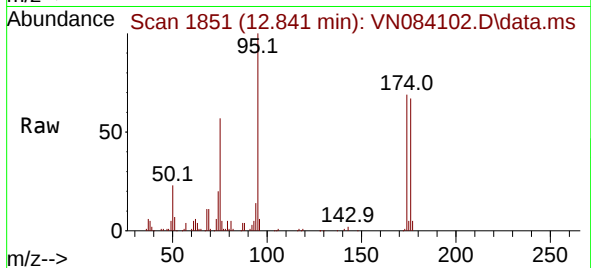
Instrument :

MSVOA_N

ClientSampleId :

DUPE2-20240911

Tgt Ion:173	Resp:	364
Ion Ratio	Lower	Upper
173	100	
175	1239.8	24.1 72.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

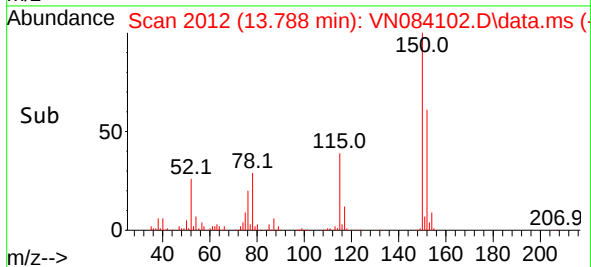
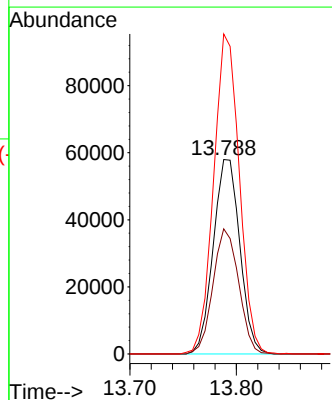
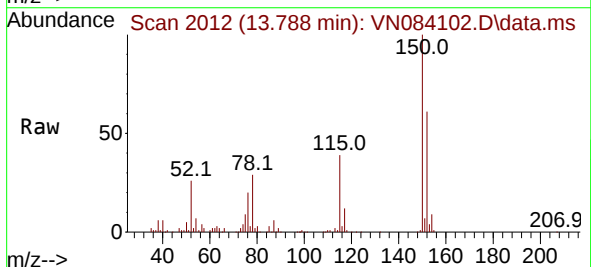
RT: 13.788 min Scan# 2012

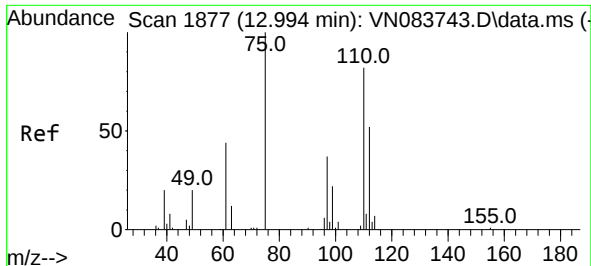
Delta R.T. 0.000 min

Lab File: VN084102.D

Acq: 23 Sep 2024 11:53

Tgt Ion:152	Resp:	100444
Ion Ratio	Lower	Upper
152	100	
115	62.1	32.2 96.6
150	159.2	0.0 348.6

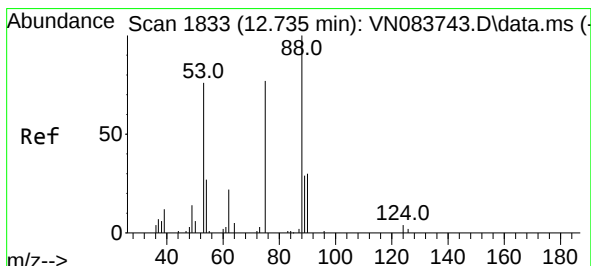
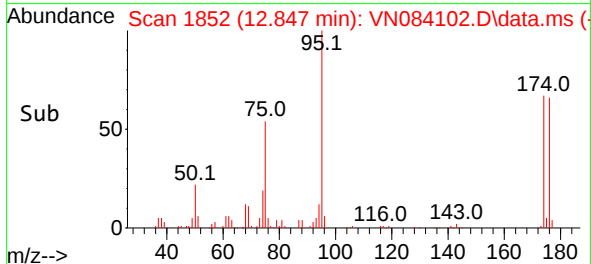
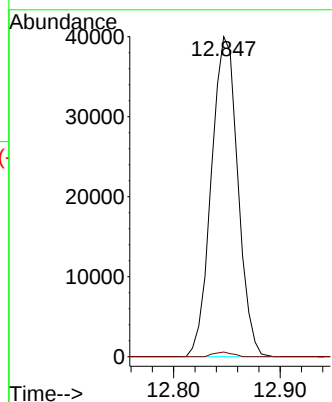
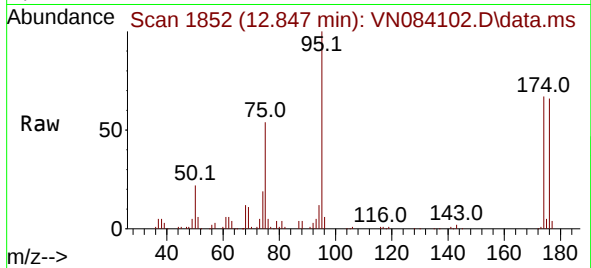




#76
1,2,3-Trichloropropane
Concen: 34.103 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

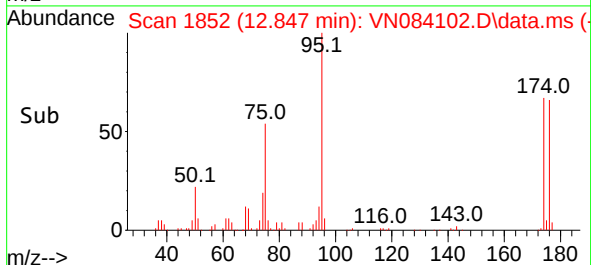
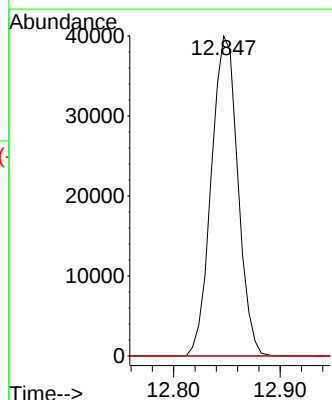
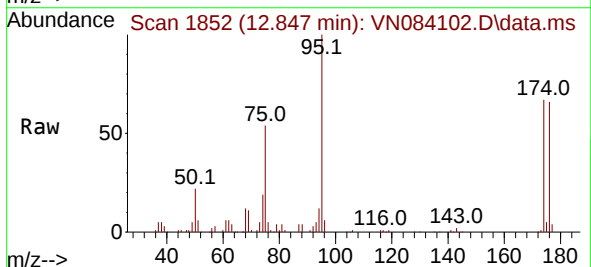
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

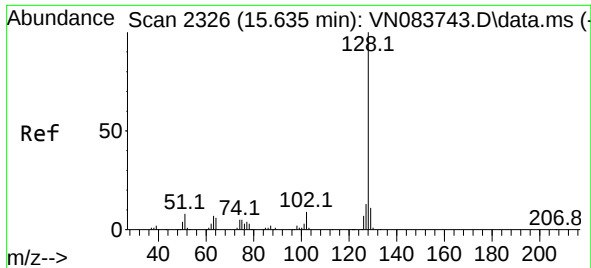
Tgt Ion: 75 Resp: 69118
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.317 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

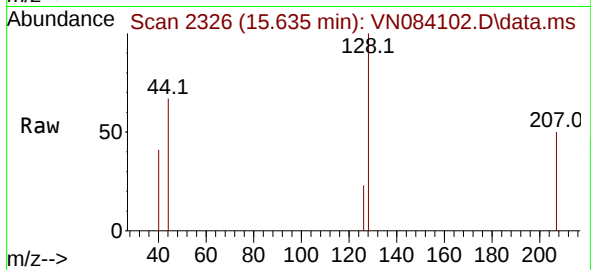
Tgt Ion: 75 Resp: 69118
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.232 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084102.D
Acq: 23 Sep 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911



Tgt Ion:128 Resp: 1293
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

