

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084131.D
 Acq On : 24 Sep 2024 13:55
 Operator : JC\MD
 Sample : P4116-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE04-20240916

Quant Time: Sep 25 01:33:46 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

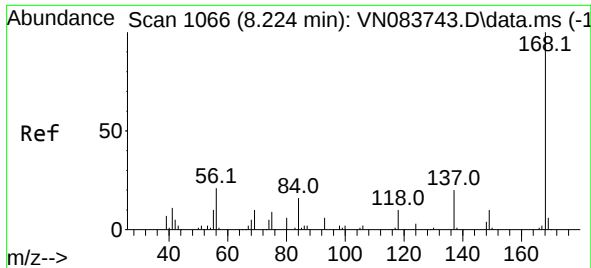
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	146558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114164	51.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.165	113	86204	52.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.565	98	307938	53.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.847	95	106085	44.994	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.980%			
Target Compounds			Qvalue			
3) Chloromethane	2.360	50	337	Below Cal	#	41
16) Acetone	4.442	43	858	0.969	ug/l #	45
18) Methyl Acetate	5.006	43	54	Below Cal	#	52
31) Cyclohexane	8.224	56	3849	1.205	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	13641	5.482	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16931	5.998	ug/l #	16
43) Isopropyl Acetate	8.689	43	2163	0.529	ug/l #	57
51) 4-Methyl-2-Pentanone	10.559	43	1424	0.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57282	33.856	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57282	88.670	ug/l #	9

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

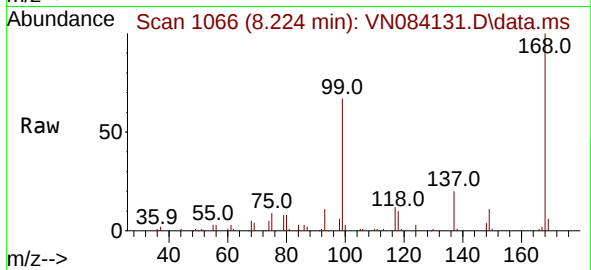
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



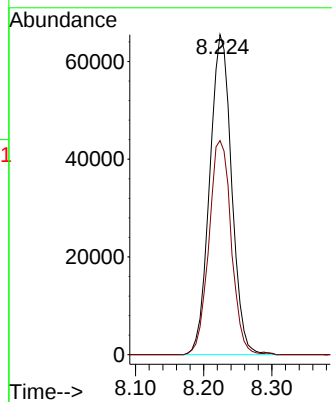
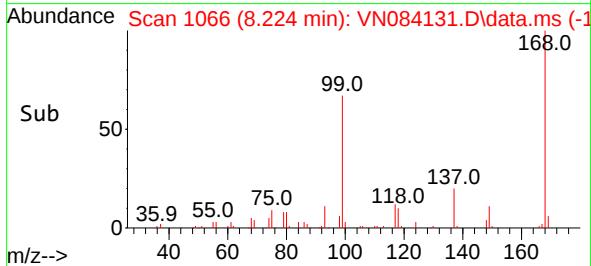


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

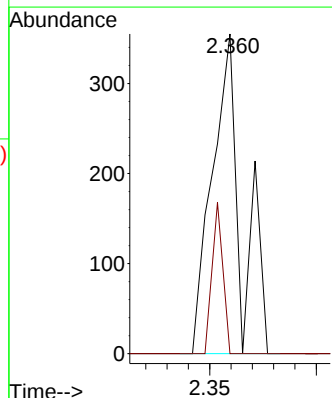
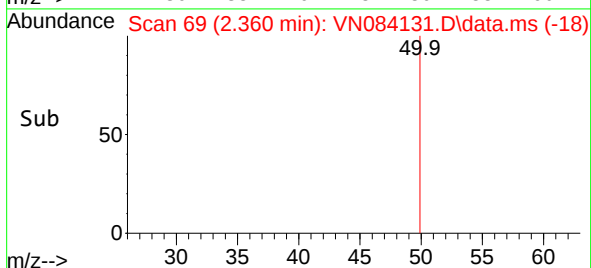
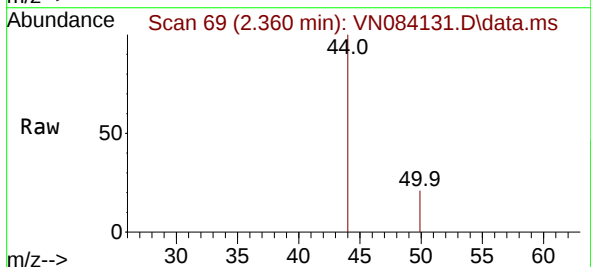


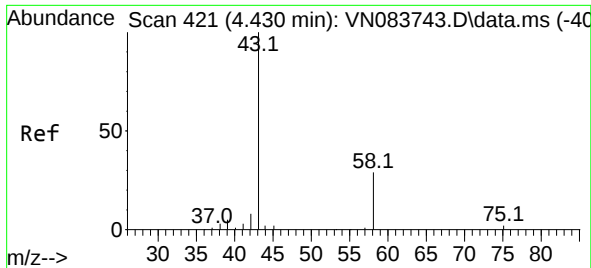
Tgt Ion:168 Resp: 146558
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 0.969 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

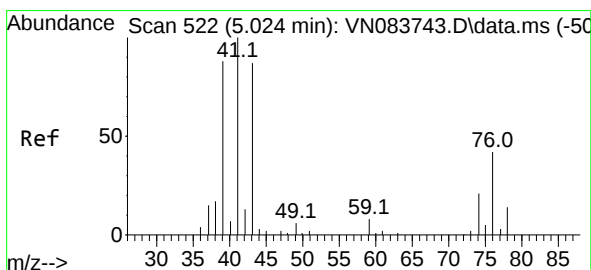
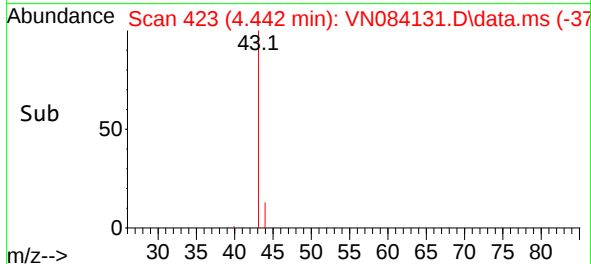
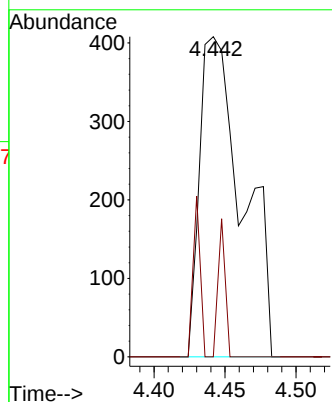
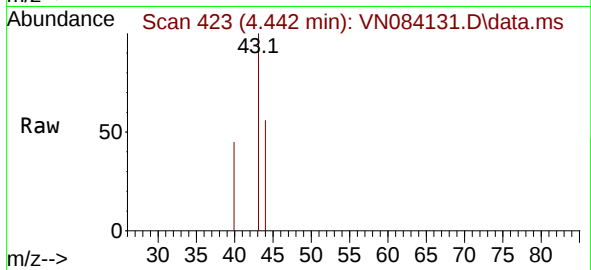
DUPE04-20240916

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084131.D

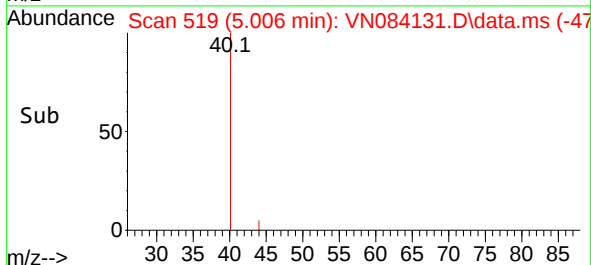
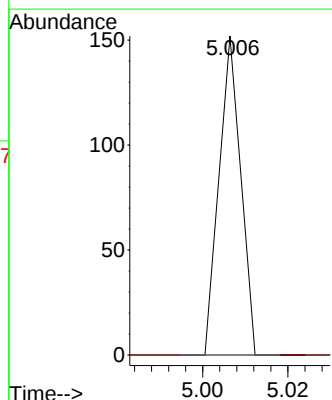
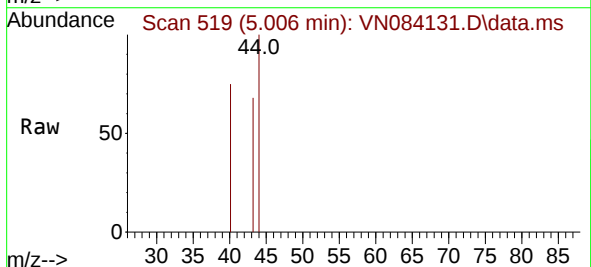
Acq: 24 Sep 2024 13:55

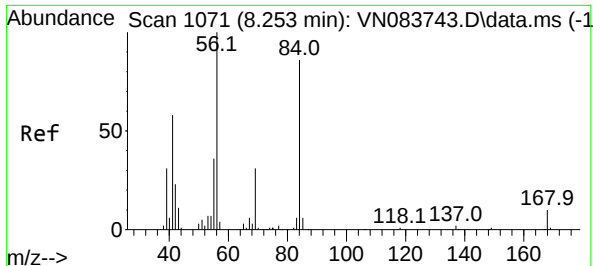
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

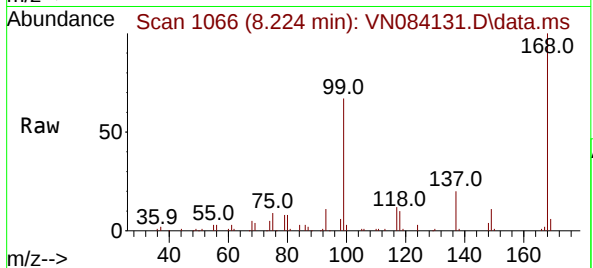
74 0.0 19.0 28.4#



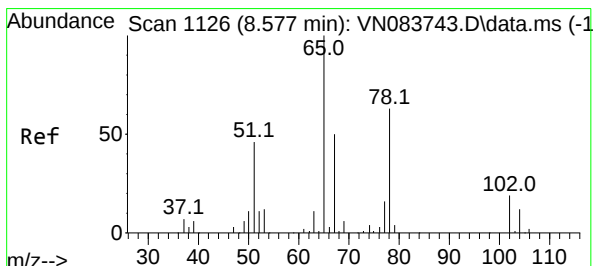
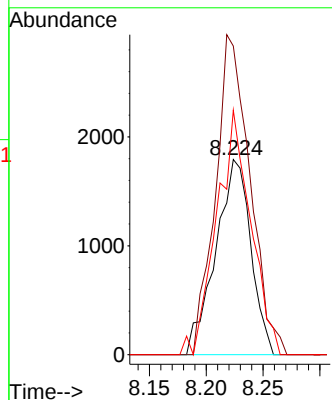
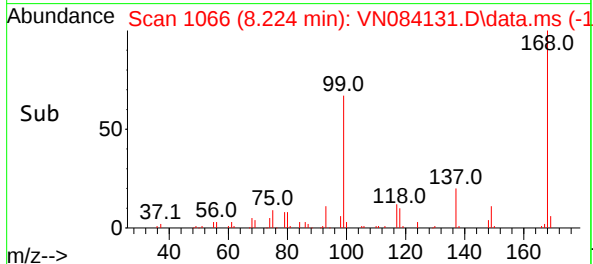


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

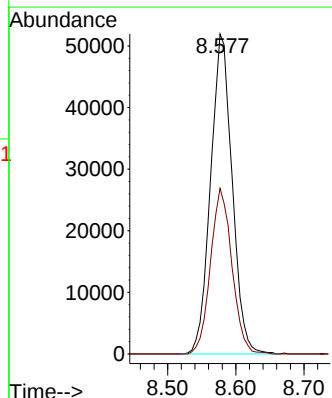
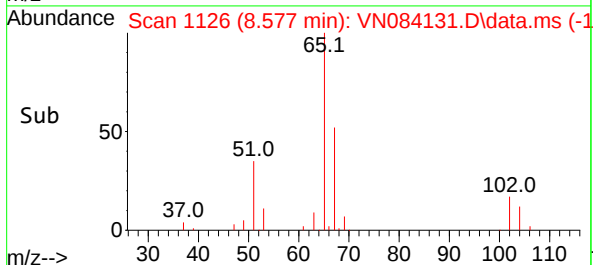
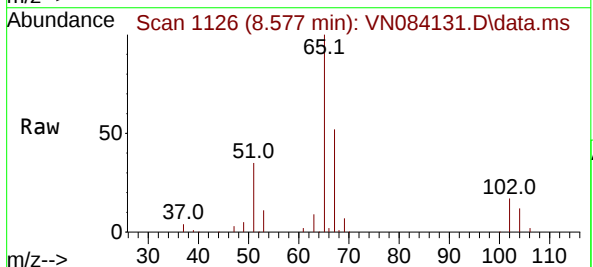


Tgt Ion: 56 Resp: 3849
Ion Ratio Lower Upper
56 100
69 158.1 26.9 40.3#
84 125.2 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.661 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 65 Resp: 114164
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

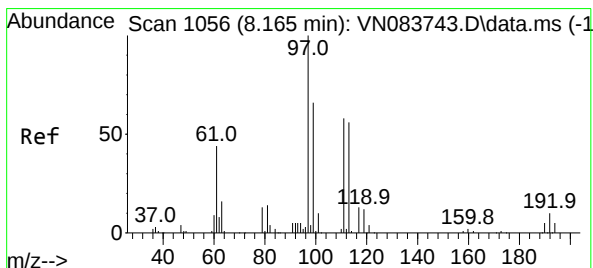
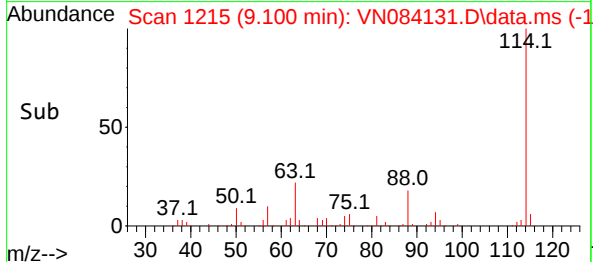
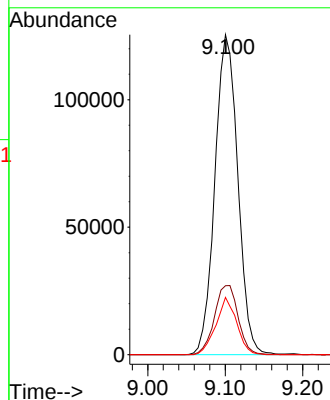
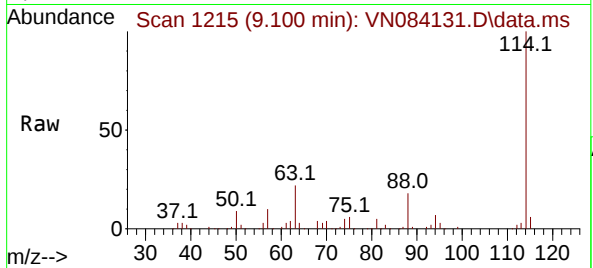




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

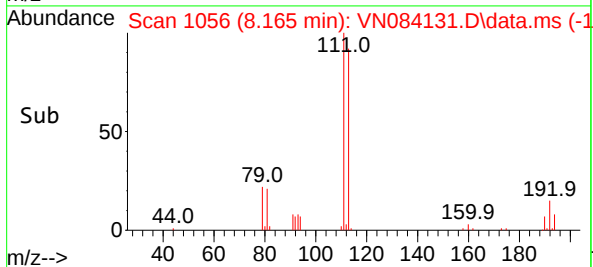
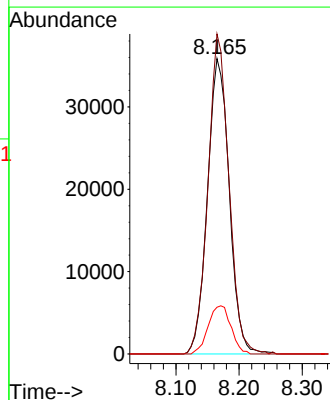
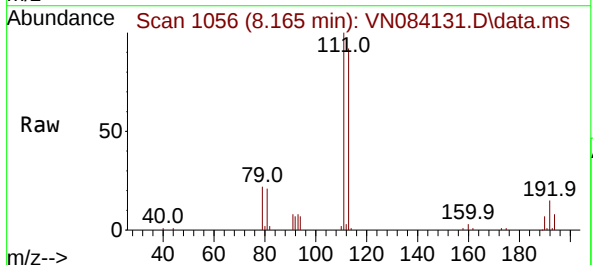
Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

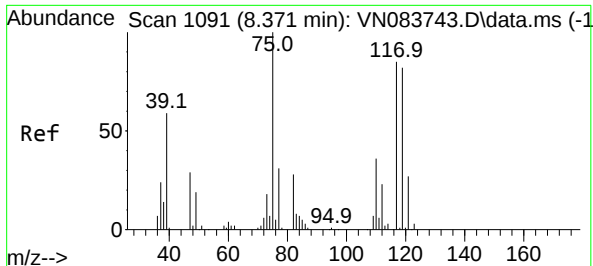
Tgt Ion:114 Resp: 258216
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 17.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.148 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion:113 Resp: 86204
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

DUPE04-20240916

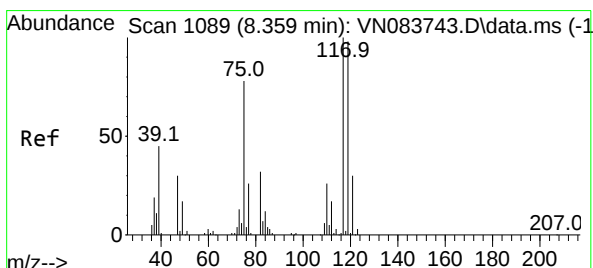
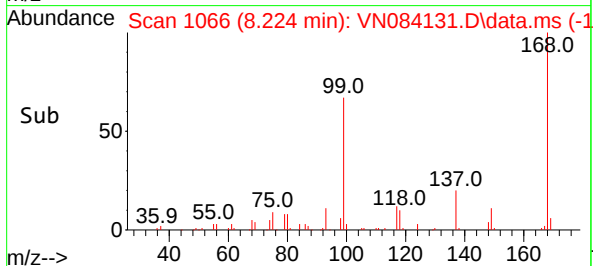
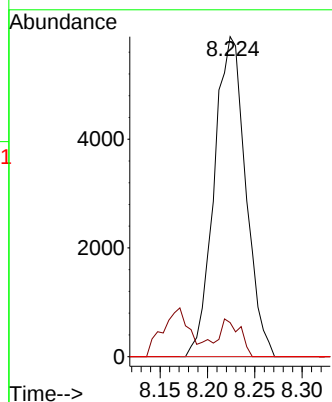
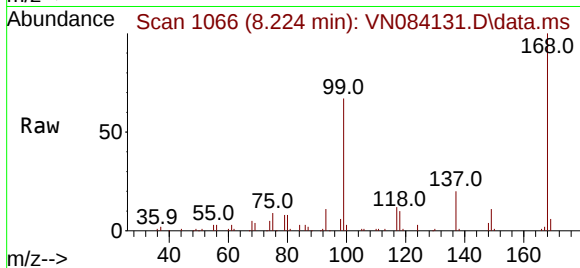
Tgt Ion: 75 Resp: 13641

Ion Ratio Lower Upper

75 100

110 7.3 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.998 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

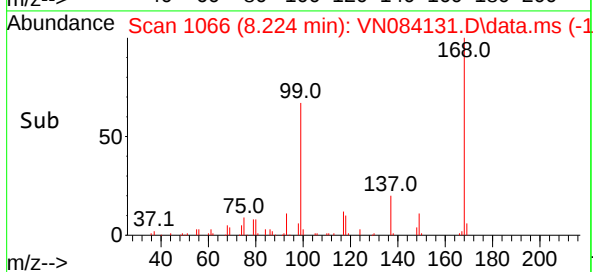
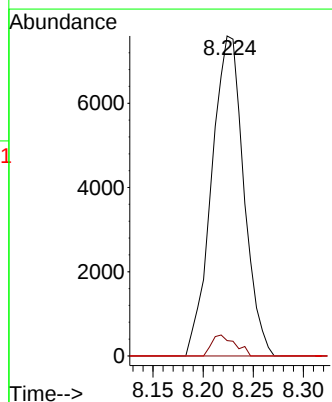
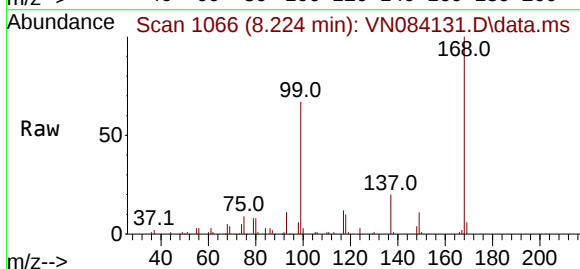
Tgt Ion: 117 Resp: 16931

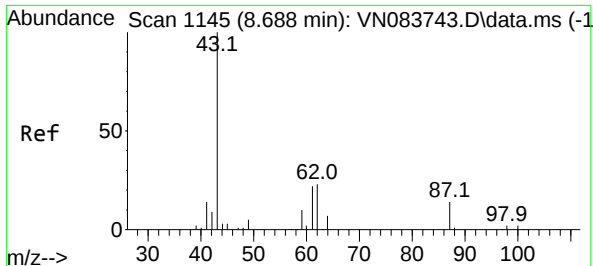
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.1 36.1#

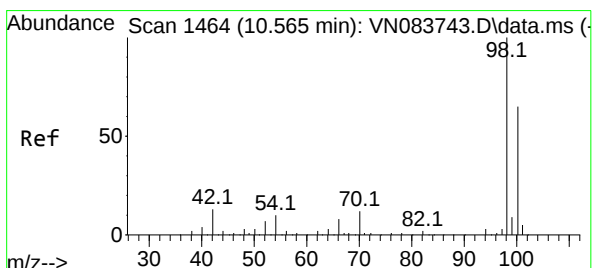
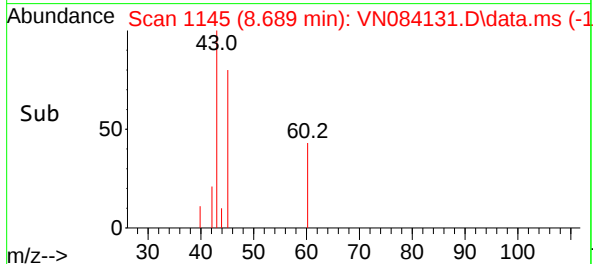
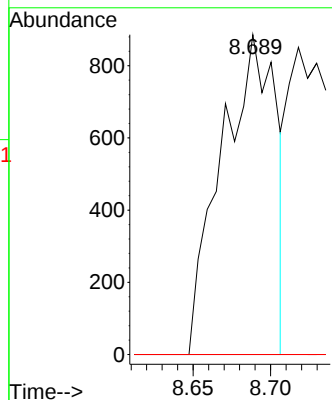
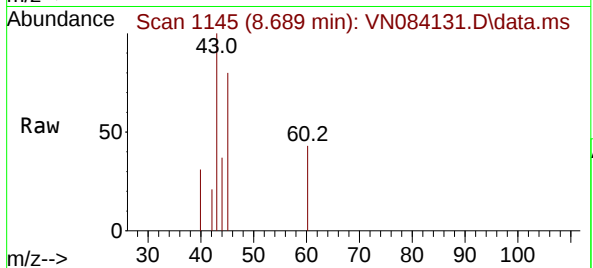




#43
Isopropyl Acetate
Concen: 0.529 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

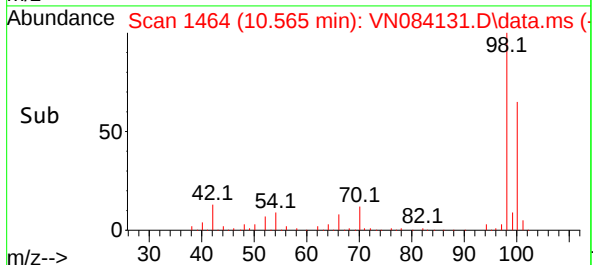
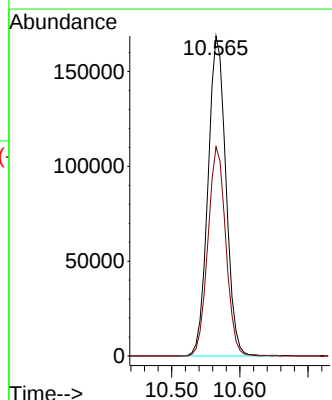
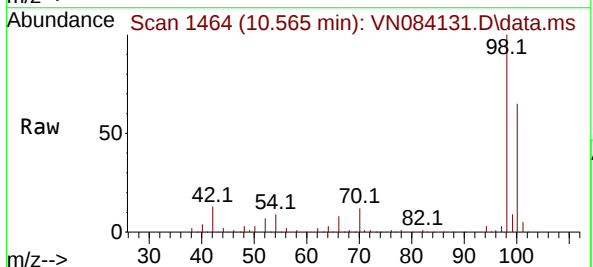
Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

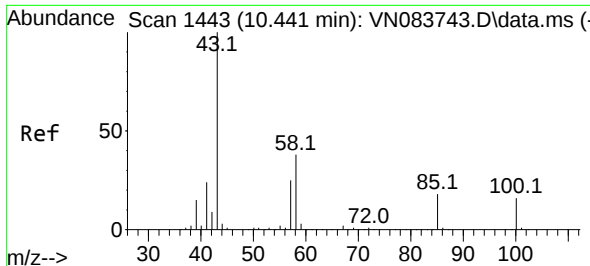
Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 53.885 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 98 Resp: 307938
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.639 ug/l

RT: 10.559 min Scan# 1443

Delta R.T. 0.118 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

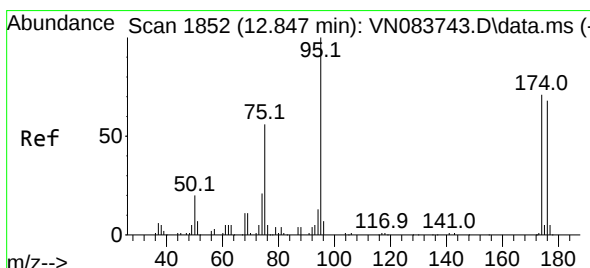
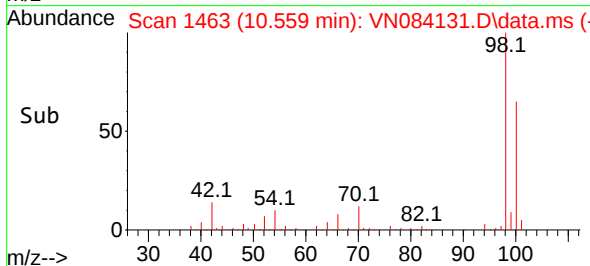
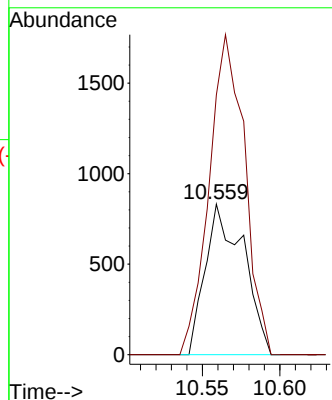
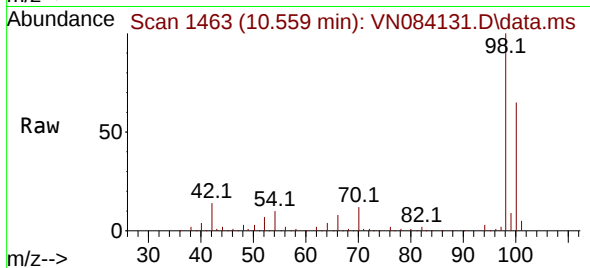
DUPE04-20240916

Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 198.0 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.994 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

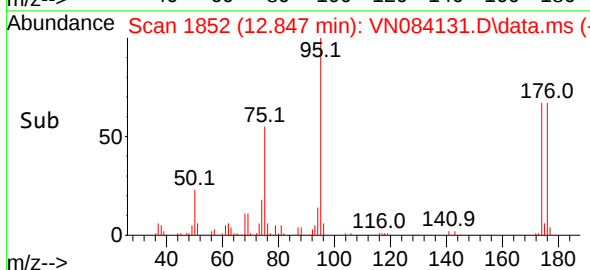
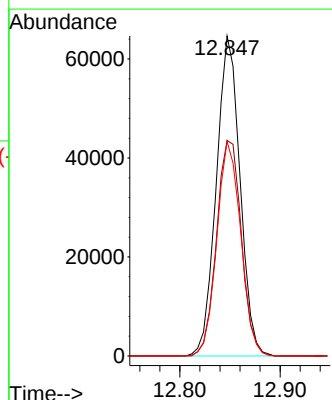
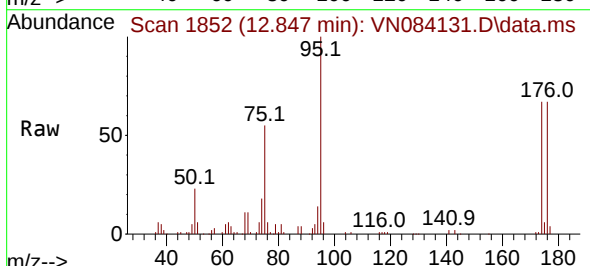
Tgt Ion: 95 Resp: 106085

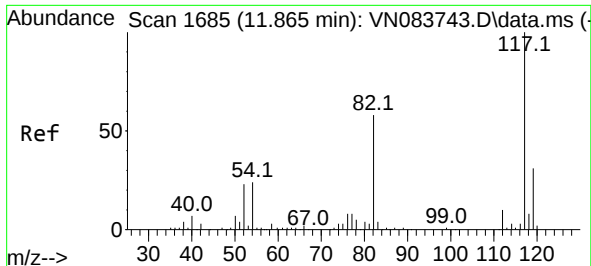
Ion Ratio Lower Upper

95 100

174 70.8 0.0 139.8

176 67.6 0.0 131.4

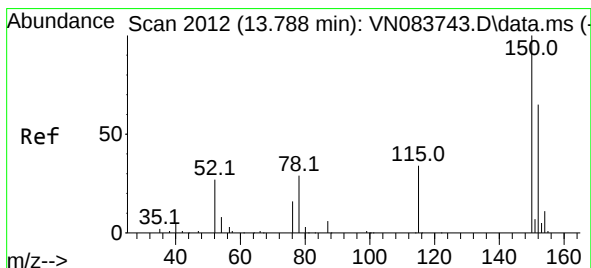
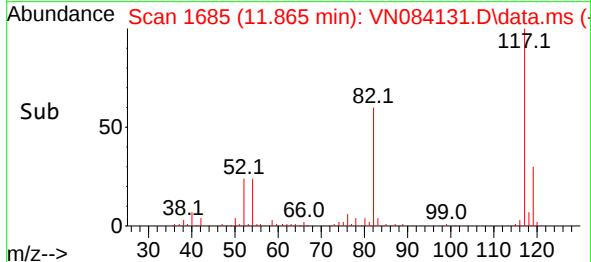
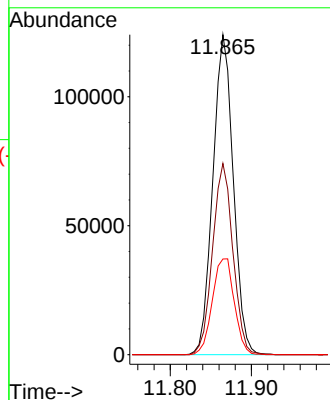
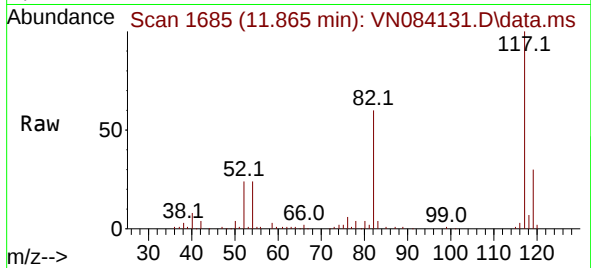




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

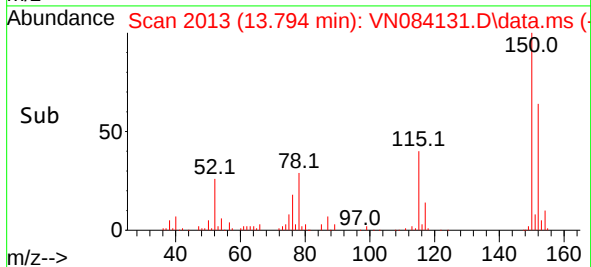
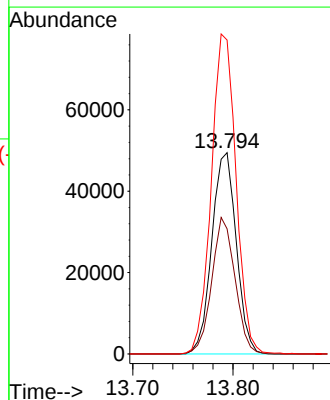
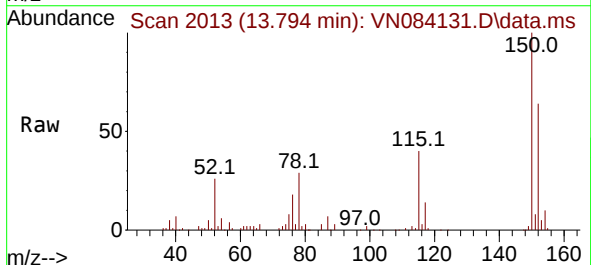
Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

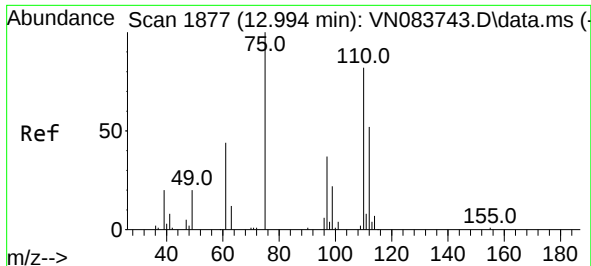
Tgt Ion:117 Resp: 216916
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 29.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion:152 Resp: 83851
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 160.7 0.0 348.6

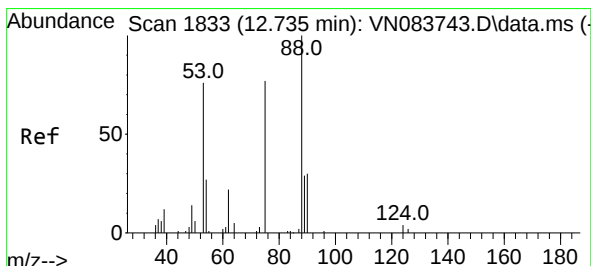
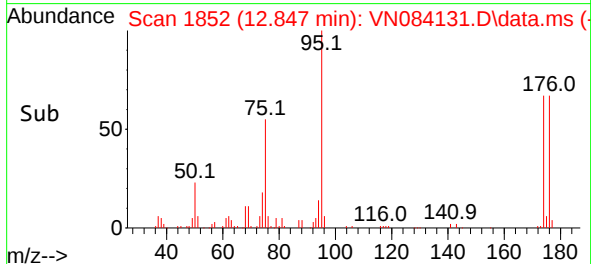
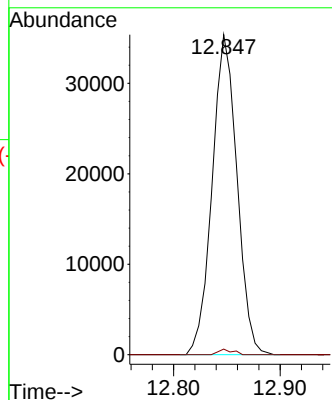
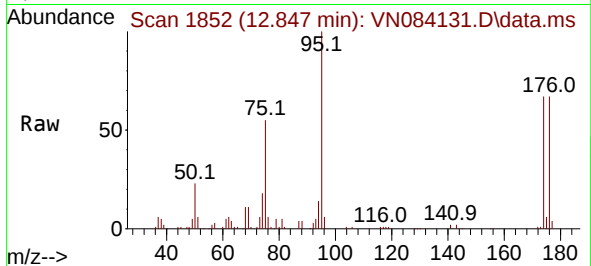




#76
1,2,3-Trichloropropane
Concen: 33.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :
DUPE04-20240916

Tgt Ion: 75 Resp: 57282
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.670 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 75 Resp: 57282
Ion Ratio Lower Upper
75 100
53 0.1 81.2 121.8#
89 0.0 35.7 53.5#

