

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084040.D
 Acq On : 19 Sep 2024 17:40
 Operator : JC\MD
 Sample : P4003-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911

Quant Time: Sep 20 01:34:28 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)

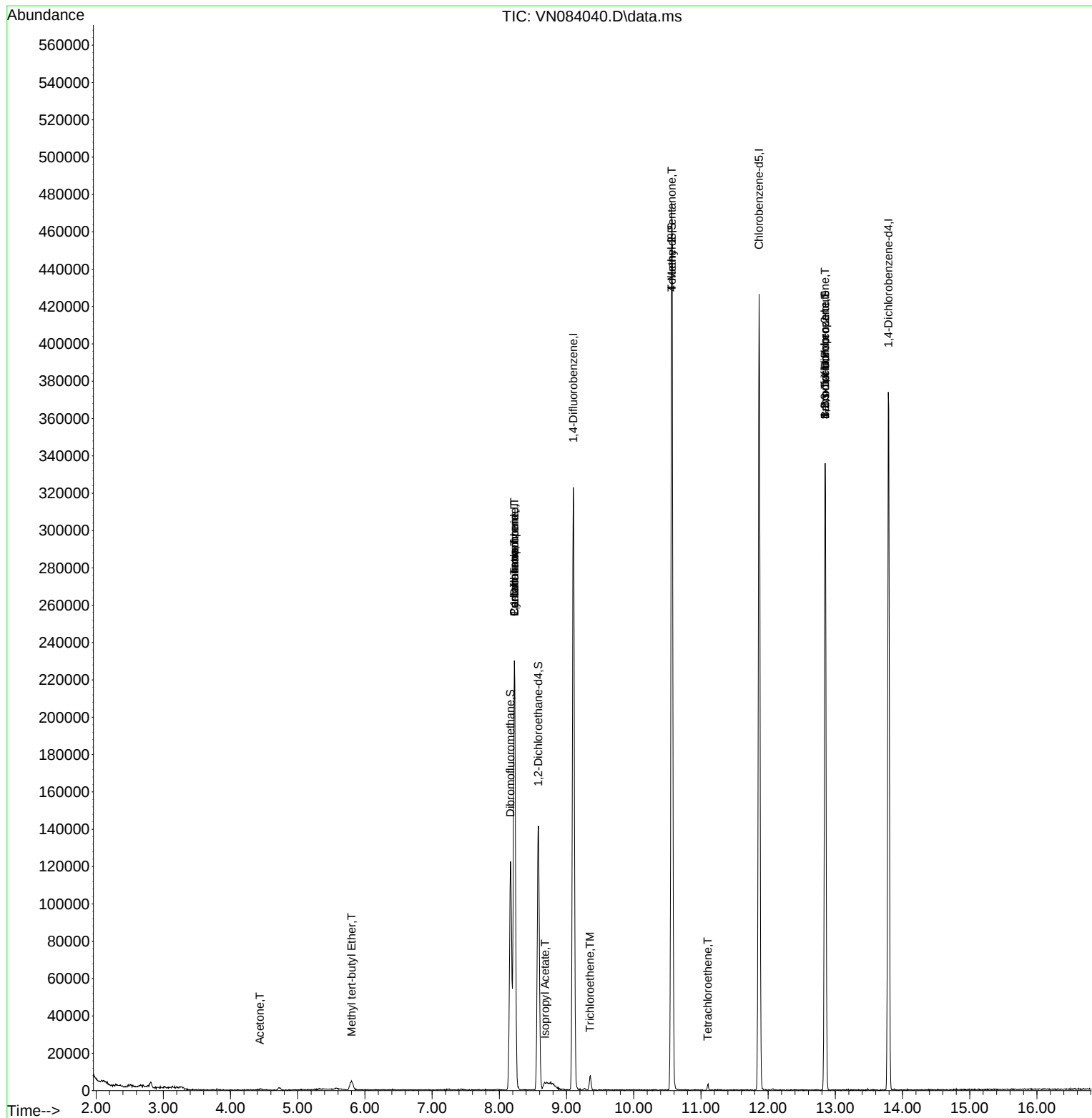
Internal Standards						
1) Pentafluorobenzene	8.224	168	151643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122986	53.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	8.165	113	85492	50.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	10.565	98	316916	54.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.847	95	115186	47.625	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	376	Below Cal		96
16) Acetone	4.436	43	534	0.583 ug/l	#	45
18) Methyl Acetate	5.042	43	73	Below Cal	#	52
19) Methyl tert-butyl Ether	5.800	73	7589	1.279 ug/l		99
31) Cyclohexane	8.224	56	4309	1.304 ug/l	#	38
36) 1,1-Dichloropropene	8.224	75	14518	5.688 ug/l	#	51
38) Carbon Tetrachloride	8.224	117	18322	6.328 ug/l	#	14
43) Isopropyl Acetate	8.683	43	3637	0.866 ug/l	#	57
44) Trichloroethene	9.347	130	2945	1.655 ug/l		98
51) 4-Methyl-2-Pentanone	10.565	43	1856	0.812 ug/l	#	1
64) Tetrachloroethene	11.100	164	493	0.327 ug/l	#	74
71) Bromoform	12.847	173	466	0.396 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	66485	35.057 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66485	91.817 ug/l	#	9

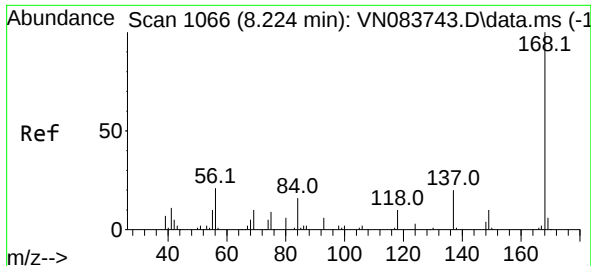
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

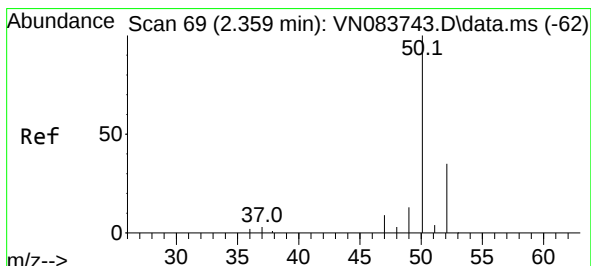
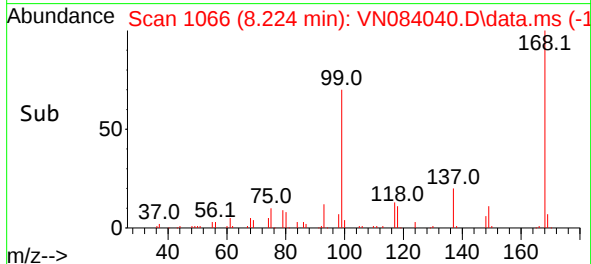
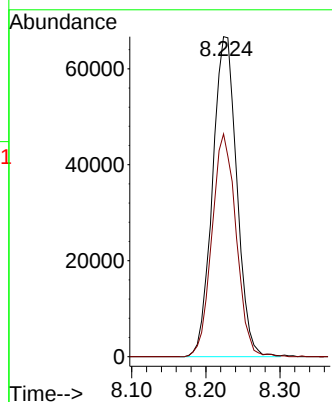
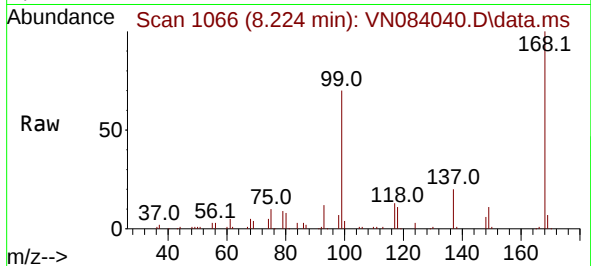




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

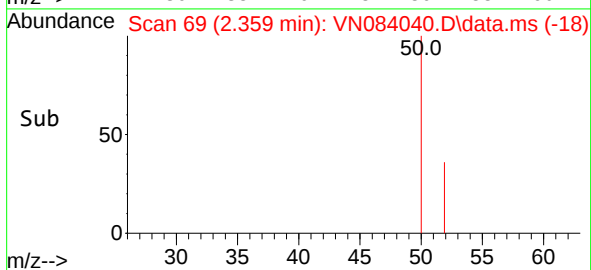
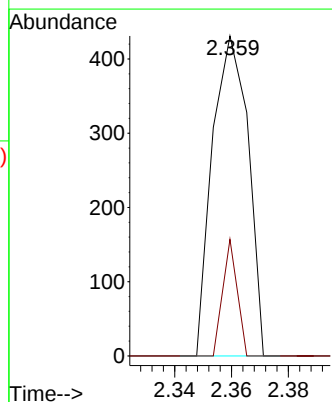
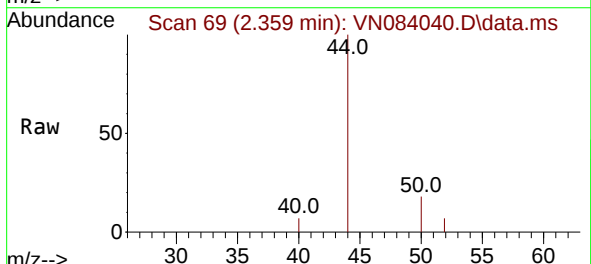
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:168 Resp: 151643
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 36.4 27.2 40.8

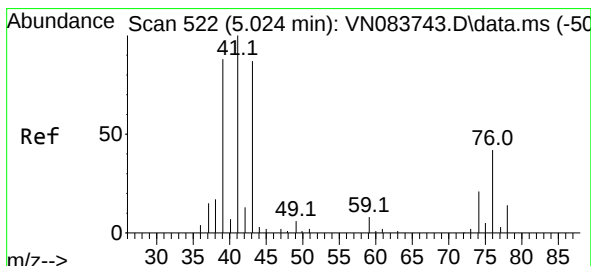
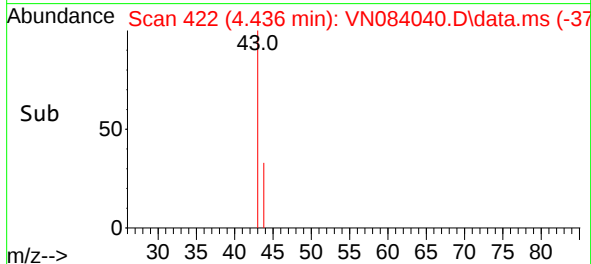
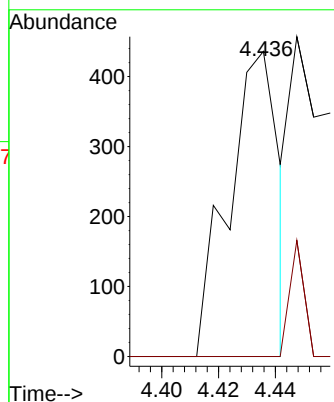
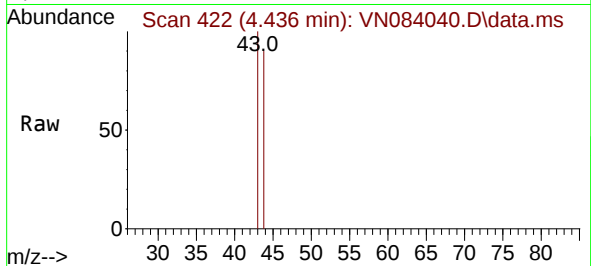




#16
Acetone
Concen: 0.583 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.006 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

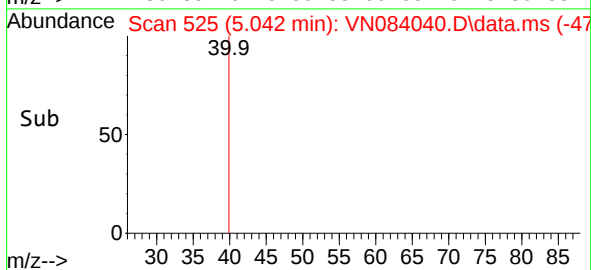
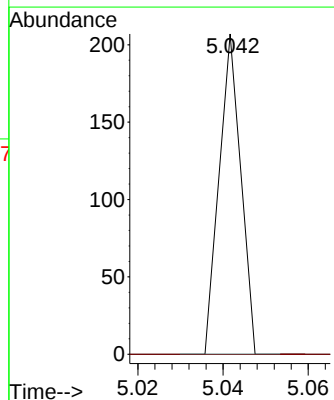
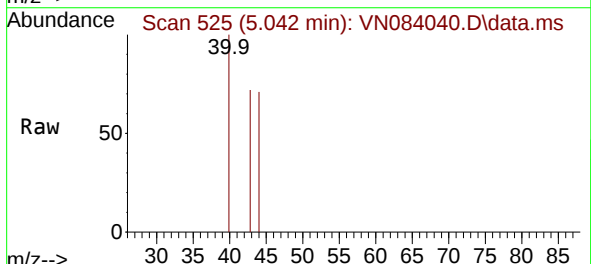
Instrument :
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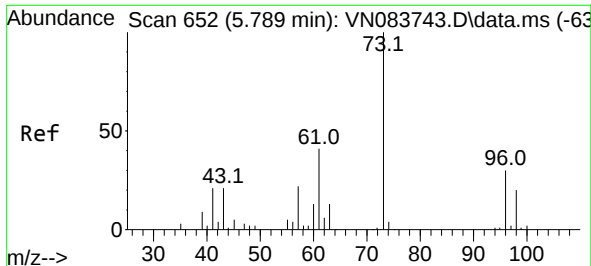
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

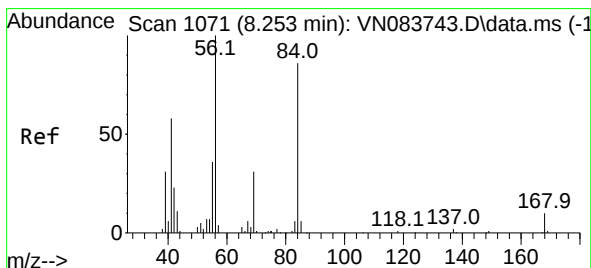
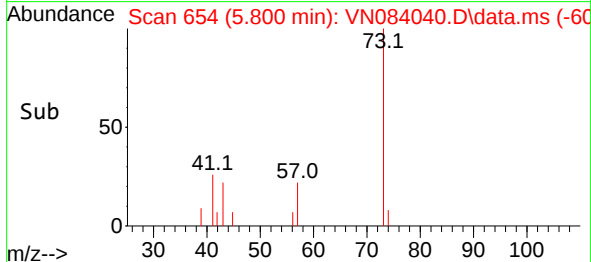
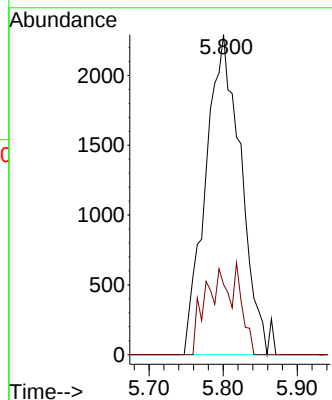
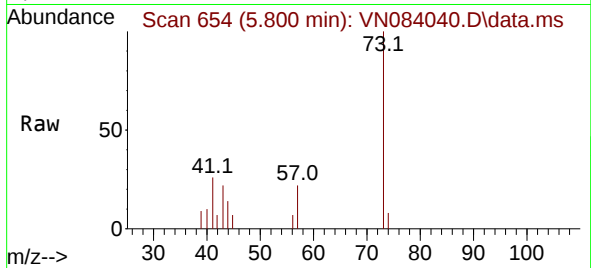




#19
Methyl tert-butyl Ether
Concen: 1.279 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

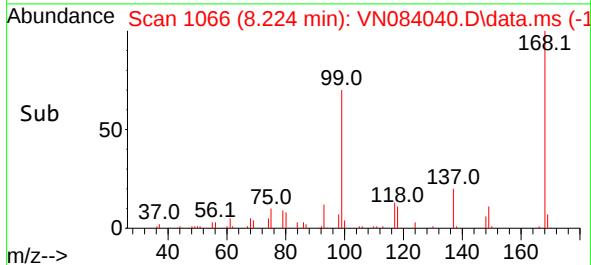
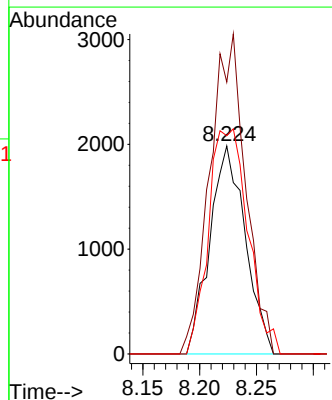
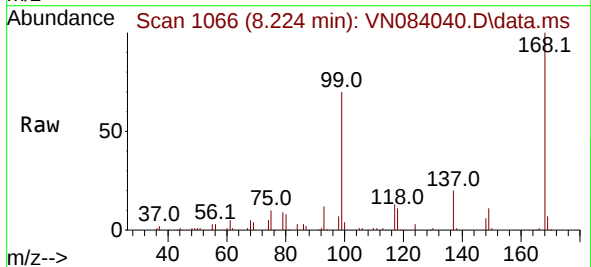
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

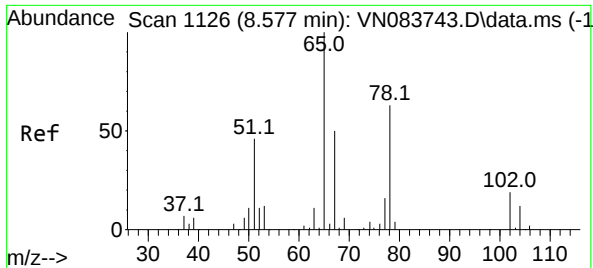
Tgt Ion: 73 Resp: 7589
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#31
Cyclohexane
Concen: 1.304 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 56 Resp: 4309
Ion Ratio Lower Upper
56 100
69 130.7 26.9 40.3#
84 104.9 69.2 103.8#

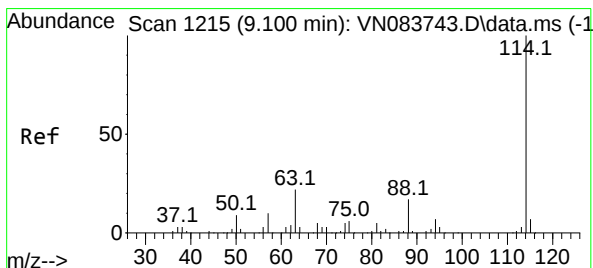
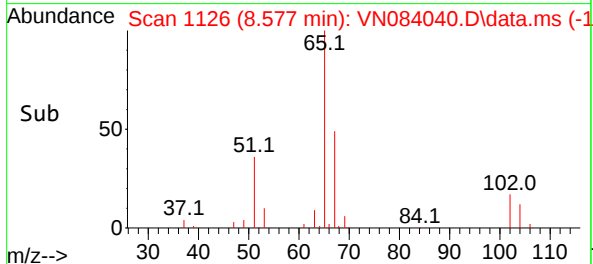
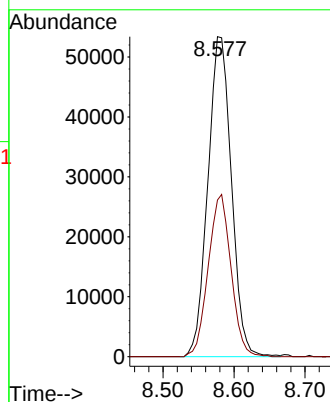
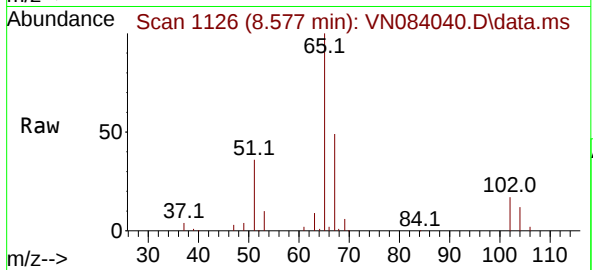




#33
 1,2-Dichloroethane-d4
 Concen: 53.786 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084040.D
 Acq: 19 Sep 2024 17:40

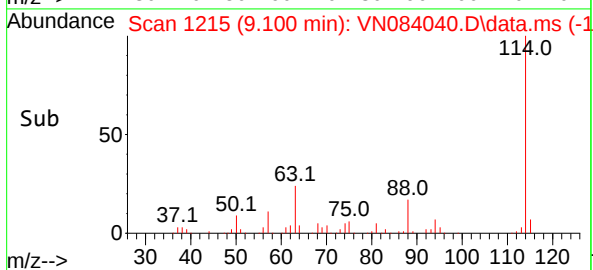
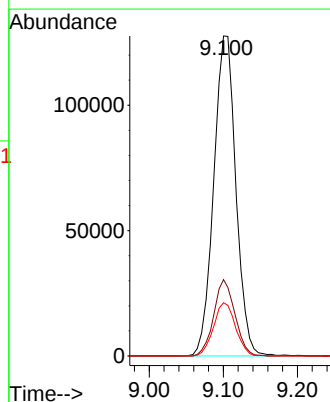
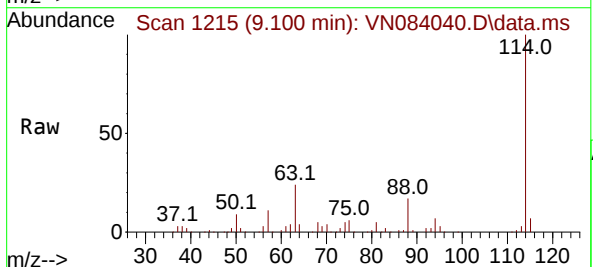
Instrument :
 MSVOA_N
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 DUPE2-20240911

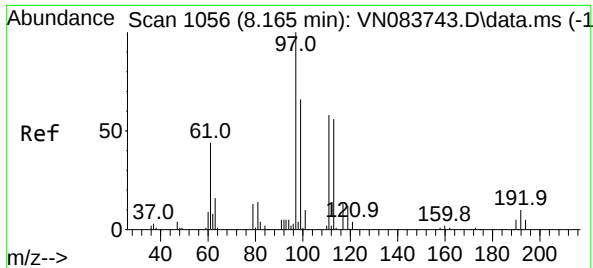
Tgt Ion: 65 Resp: 122986
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084040.D
 Acq: 19 Sep 2024 17:40

Tgt Ion: 114 Resp: 264878
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 43.4
 88 16.7 0.0 32.6

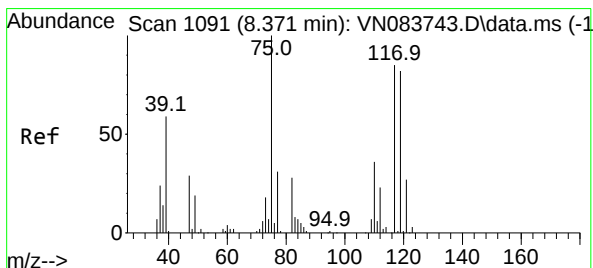
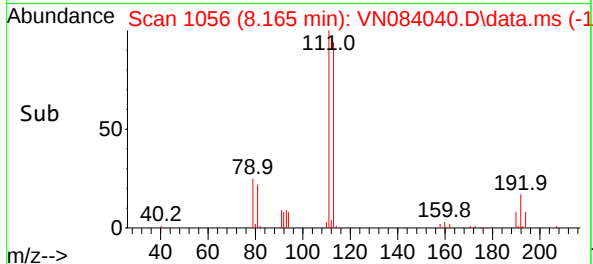
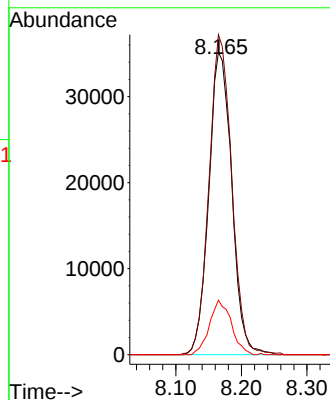
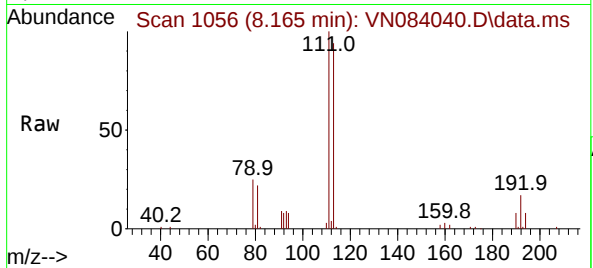




#35
Dibromofluoromethane
Concen: 50.416 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

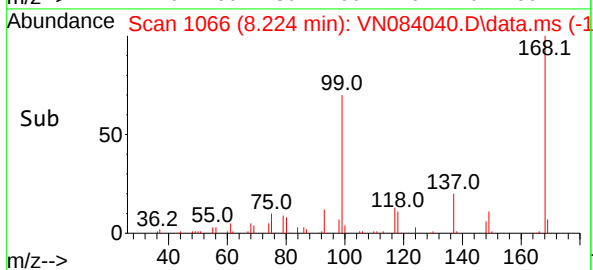
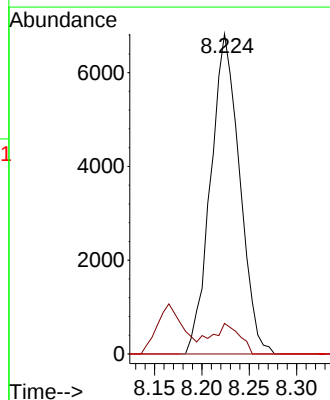
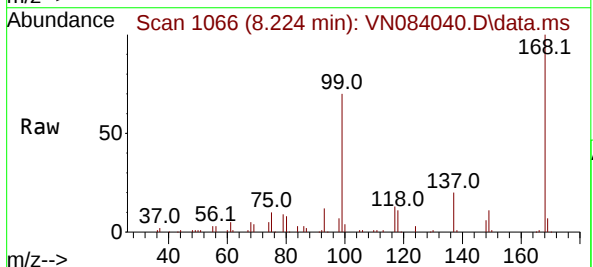
Instrument :
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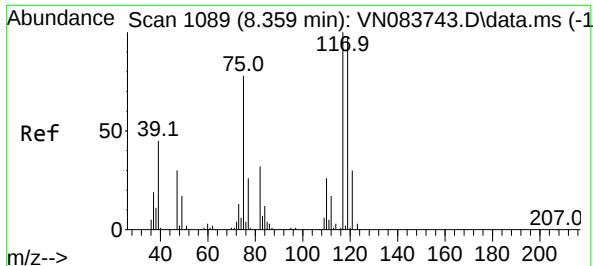
Tgt Ion:113 Resp: 85492
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.688 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 75 Resp: 14518
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.1#
77 0.0 25.2 37.8#

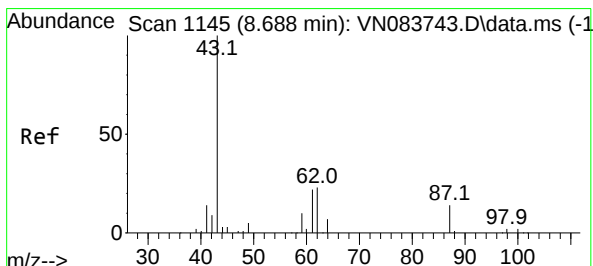
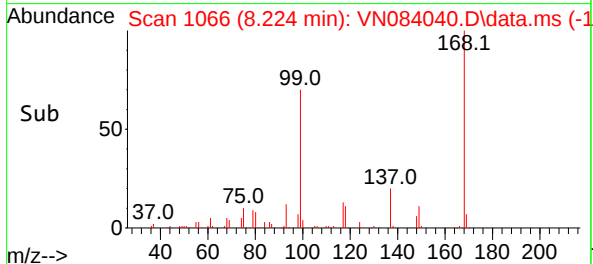
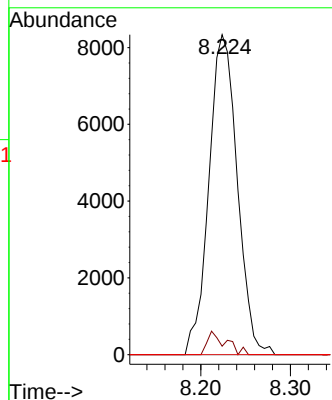
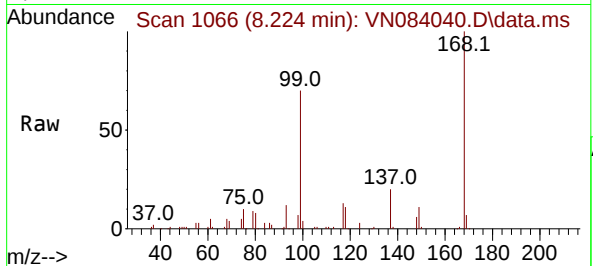




#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

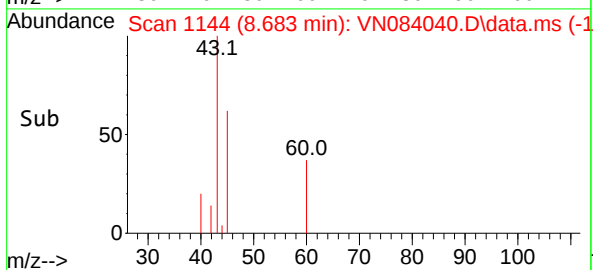
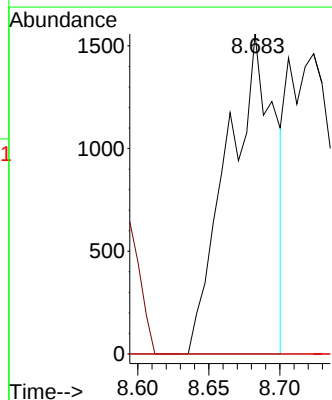
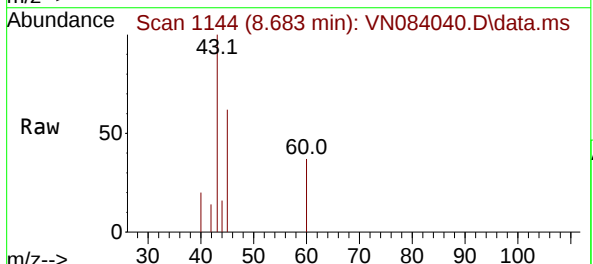
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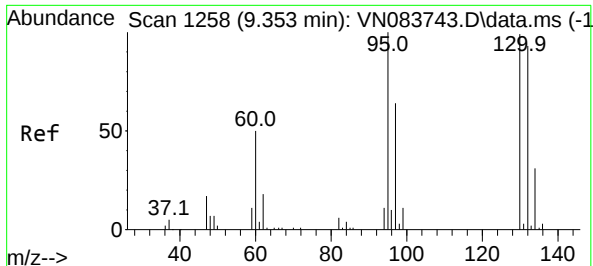
Tgt Ion:117 Resp: 18322
Ion Ratio Lower Upper
117 100
119 2.6 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.866 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

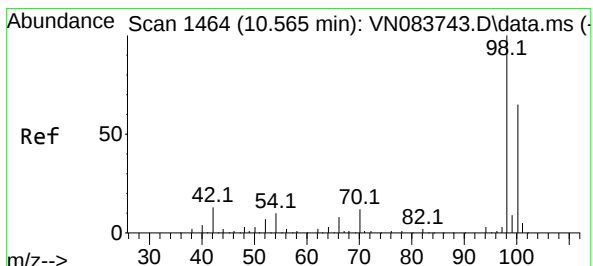
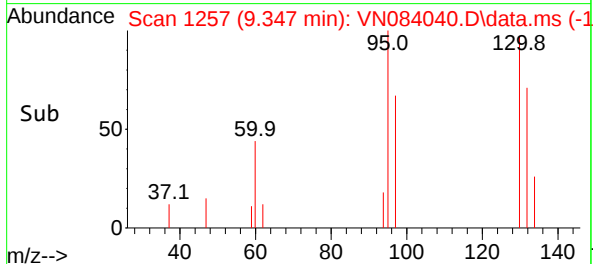
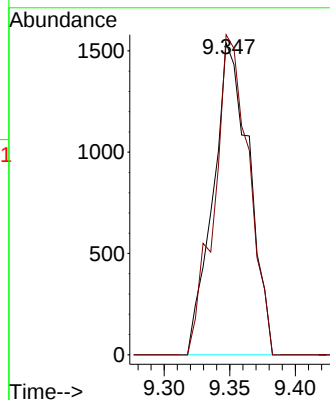
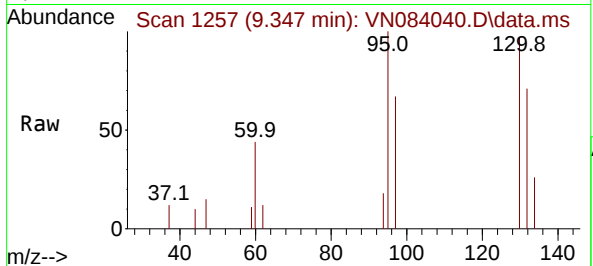




#44
Trichloroethene
Concen: 1.655 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

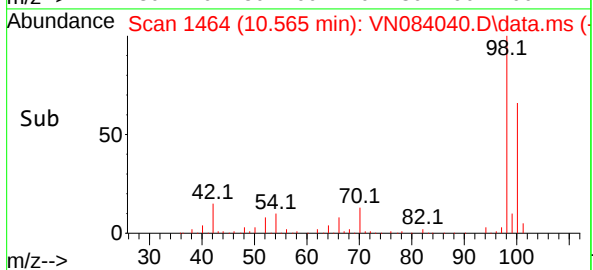
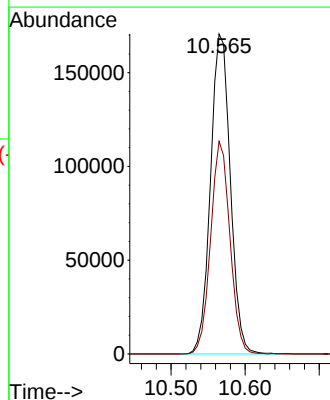
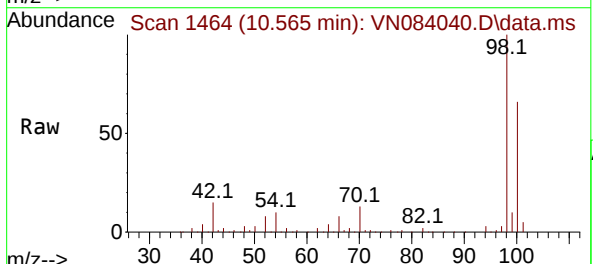
Instrument :
MSVOA_N
ClientSampleId :
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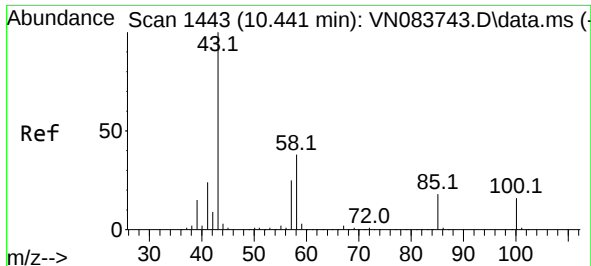
Tgt Ion:130 Resp: 2945
Ion Ratio Lower Upper
130 100
95 102.6 0.0 200.4



#50
Toluene-d8
Concen: 54.061 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 98 Resp: 316916
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

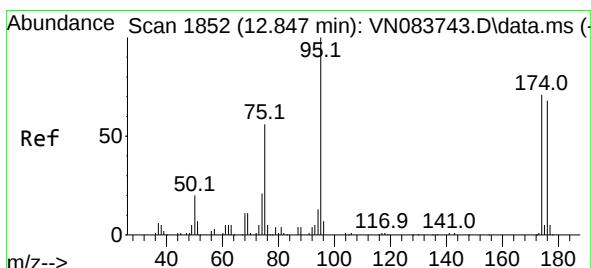
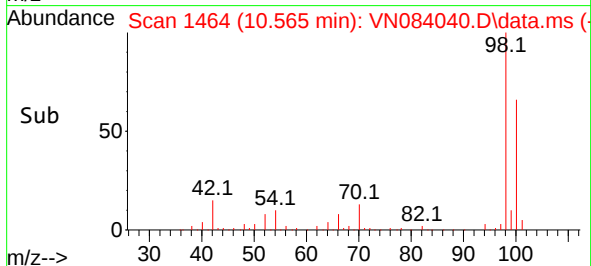
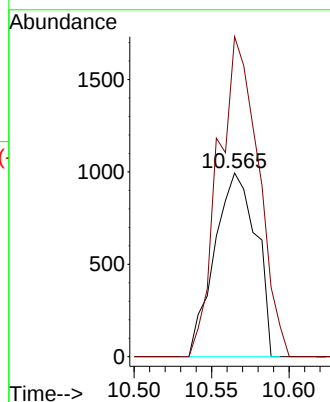
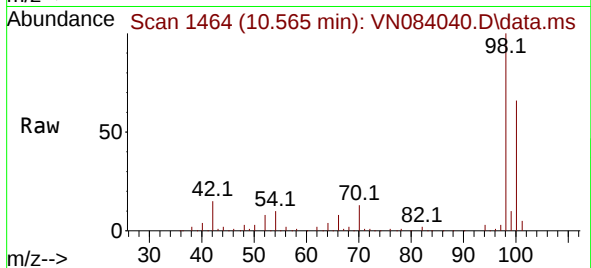




#51
4-Methyl-2-Pentanone
Concen: 0.812 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

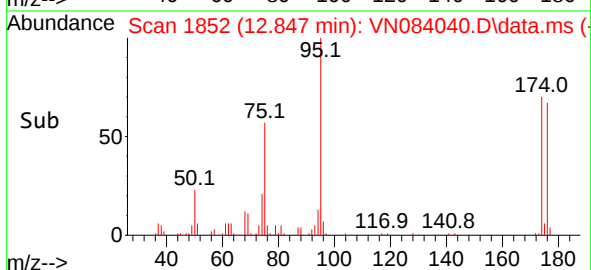
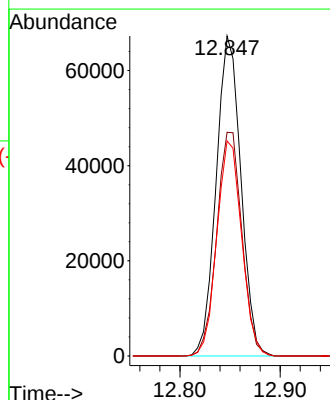
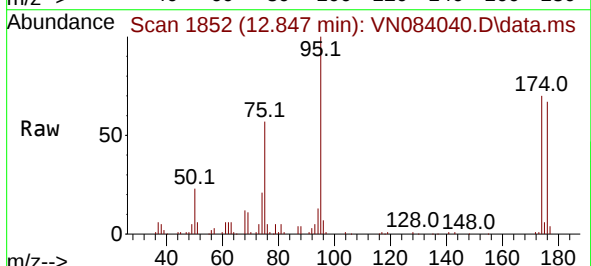
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

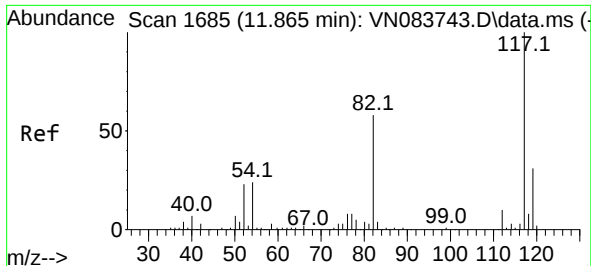
Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 167.9 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 95 Resp: 115186
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.5 0.0 131.4

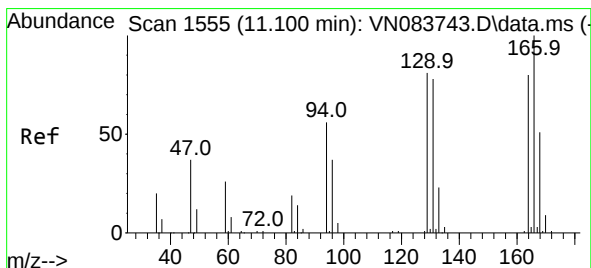
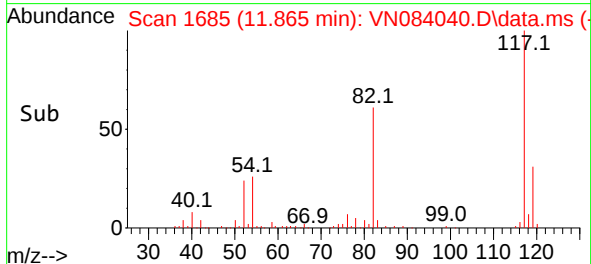
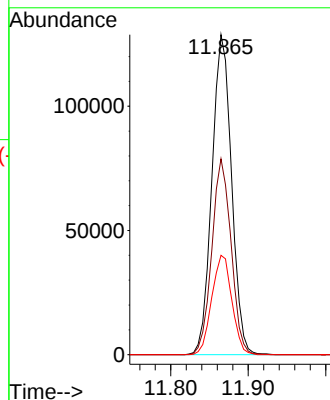
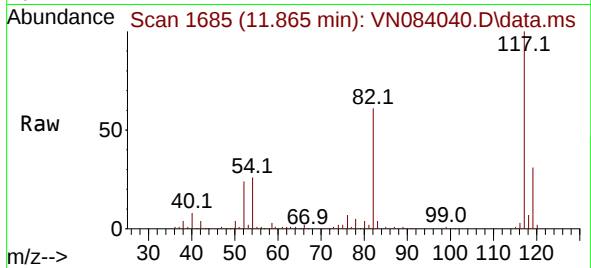




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

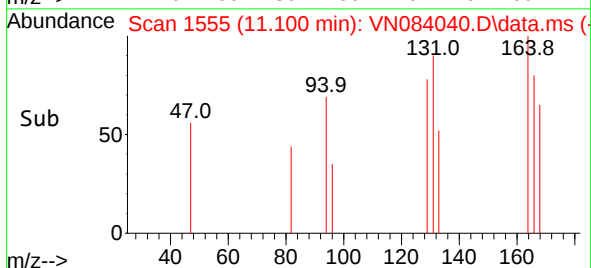
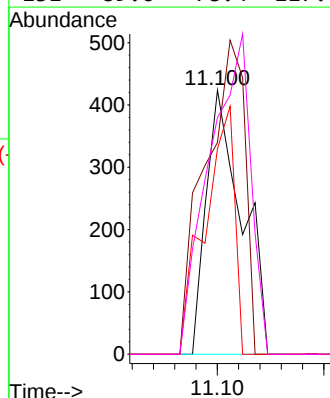
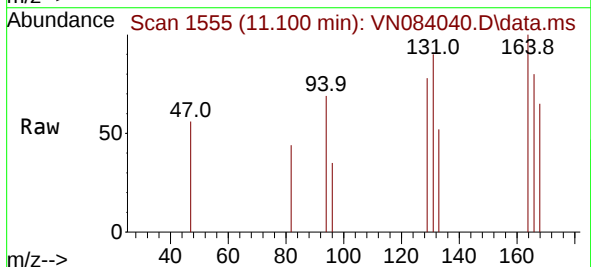
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

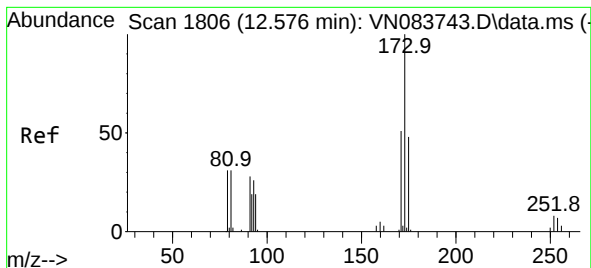
Tgt Ion:117 Resp: 226457
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.0
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion:164 Resp: 493
Ion Ratio Lower Upper
164 100
166 80.2 103.7 155.5#
129 77.8 79.9 119.9#
131 89.6 78.4 117.6





#71

Bromoform

Concen: 0.396 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Instrument :

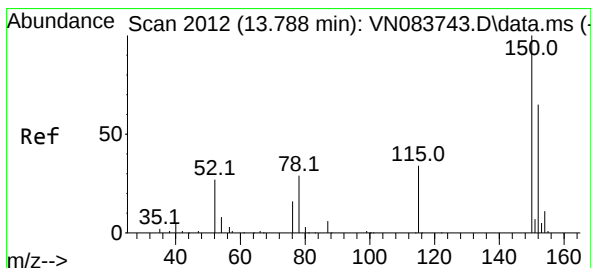
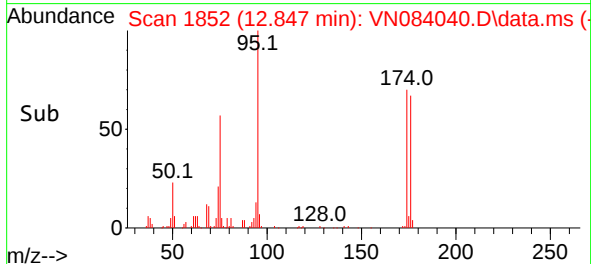
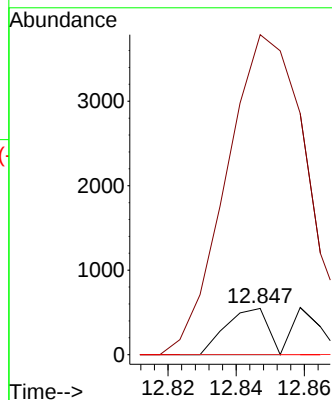
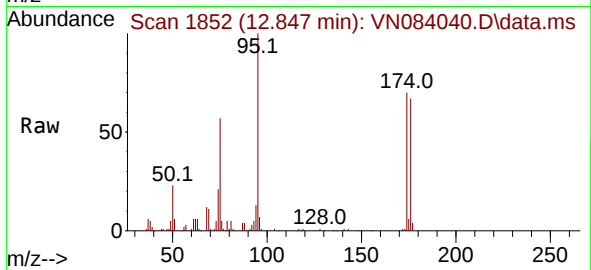
MSVOA_N

ClientSampleId :

DUPE2-20240911

Tgt Ion:173 Resp: 466

Ion	Ratio	Lower	Upper
173	100		
175	985.0	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

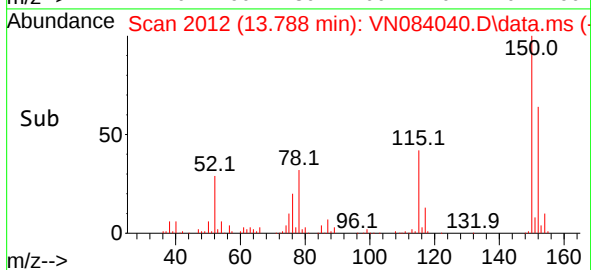
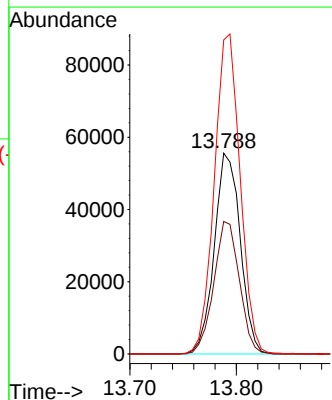
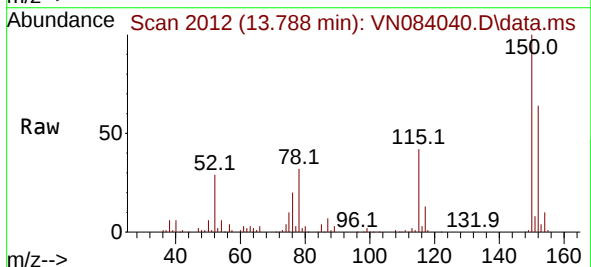
Delta R.T. 0.000 min

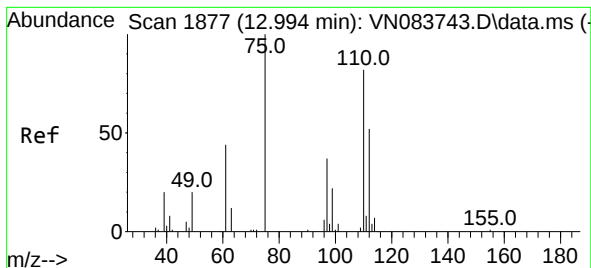
Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Tgt Ion:152 Resp: 93987

Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.2	96.6
150	158.9	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 35.057 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

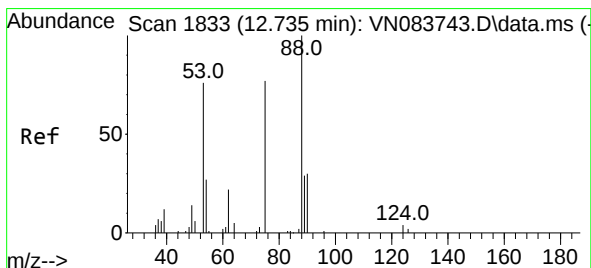
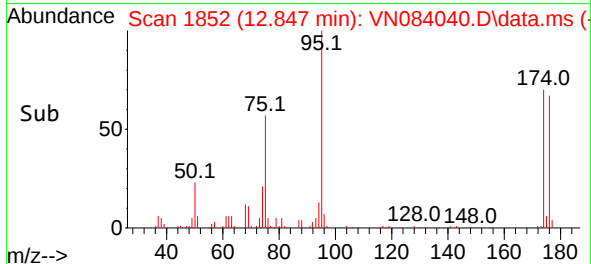
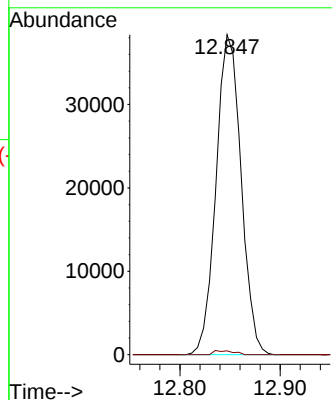
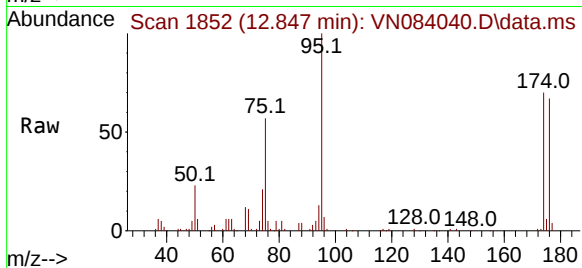
DUPE2-20240911

Tgt Ion: 75 Resp: 66485

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.817 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Tgt Ion: 75 Resp: 66485

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

