

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085875.D
 Acq On : 26 Feb 2025 16:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 26 23:06:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	236441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	432952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171058	55.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	8.165	113	157638	55.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.280%
50) Toluene-d8	10.565	98	524764	50.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.847	95	156709	46.144	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.280%

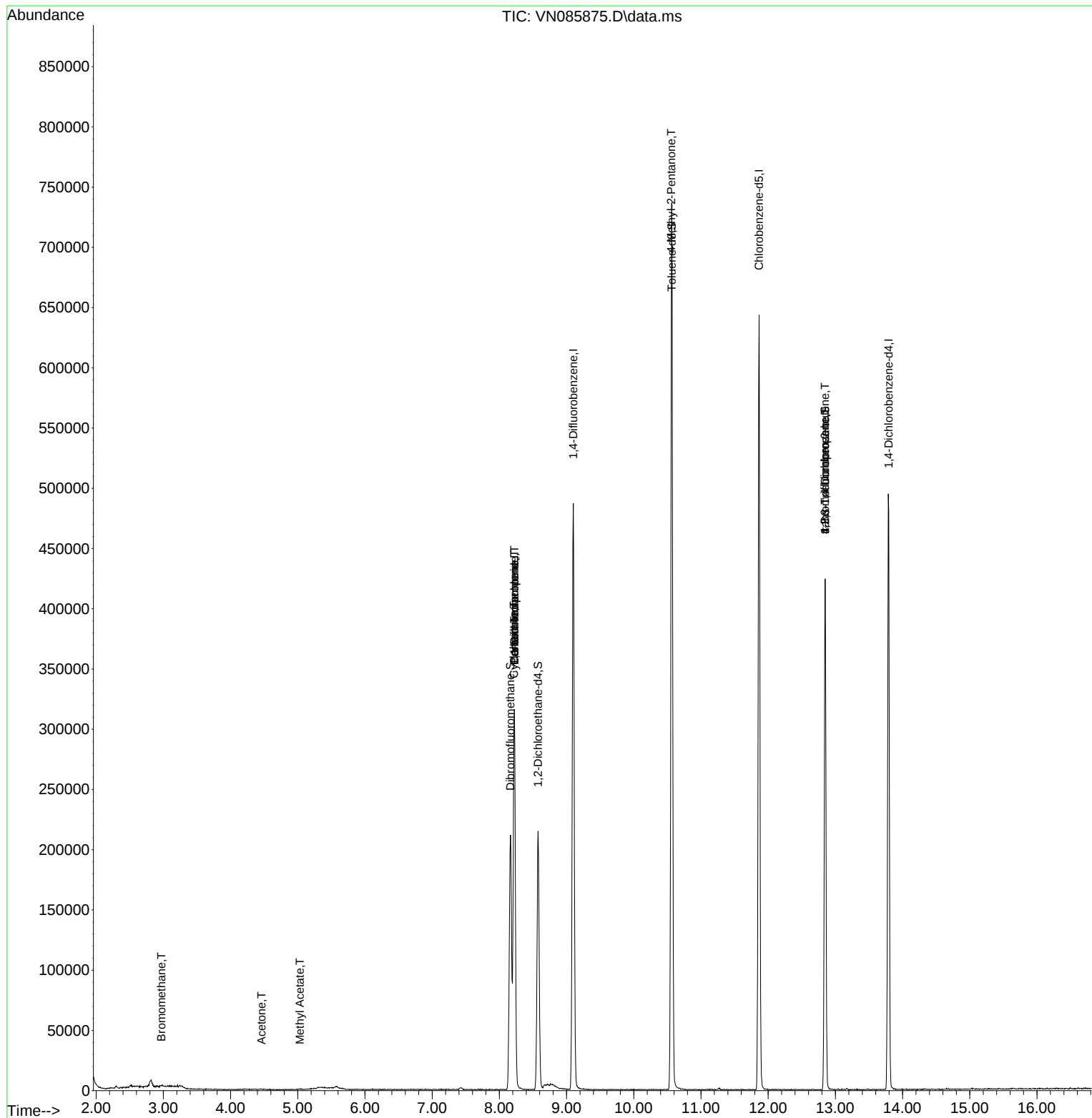
Target Compounds					Qvalue	
5) Bromomethane	2.971	94	483	0.221	ug/l #	63
16) Acetone	4.459	43	237	0.244	ug/l #	40
18) Methyl Acetate	5.030	43	854	0.256	ug/l #	47
31) Cyclohexane	8.218	56	4739	1.082	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	19093	4.762	ug/l #	49
38) Carbon Tetrachloride	8.224	117	23852	5.007	ug/l #	20
43) Isopropyl Acetate	8.700	43	648	Below Cal	#	53
51) 4-Methyl-2-Pentanone	10.559	43	2143	0.674	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75983	23.703	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75983	69.159	ug/l #	12

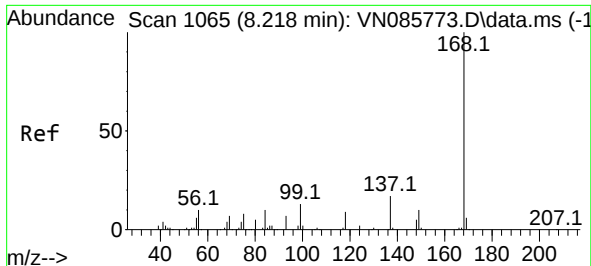
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

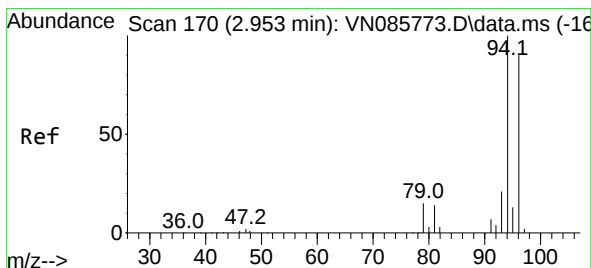
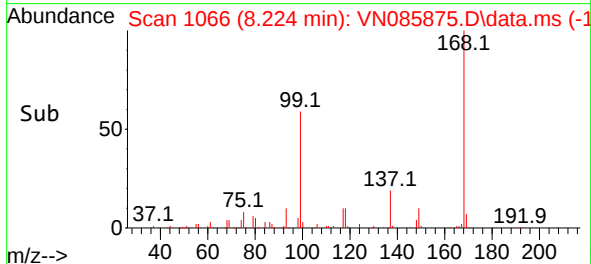
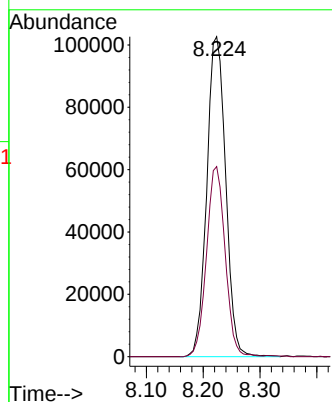
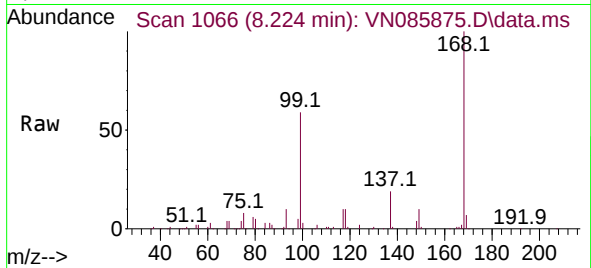




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

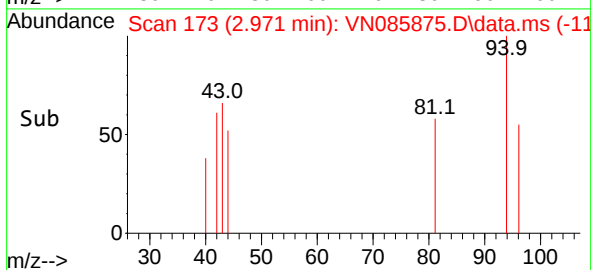
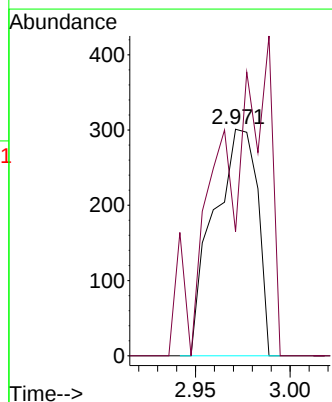
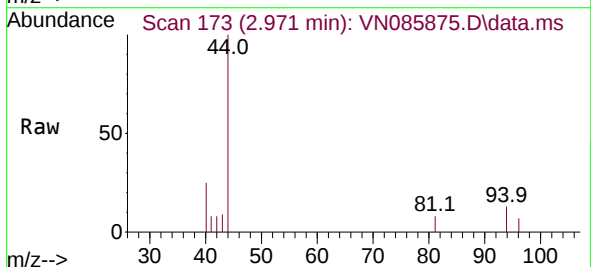
Instrument :
MSVOA_N
ClientSampleId :
IBLK

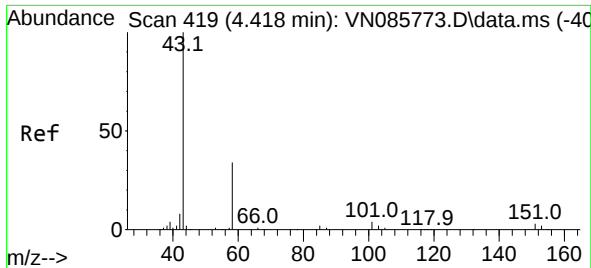
Tgt Ion:168 Resp: 236441
Ion Ratio Lower Upper
168 100
99 59.4 47.9 71.9



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 54.8 71.7 107.5#

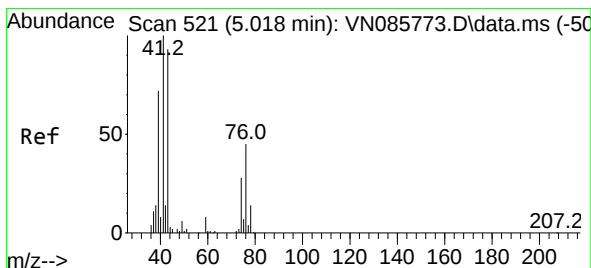
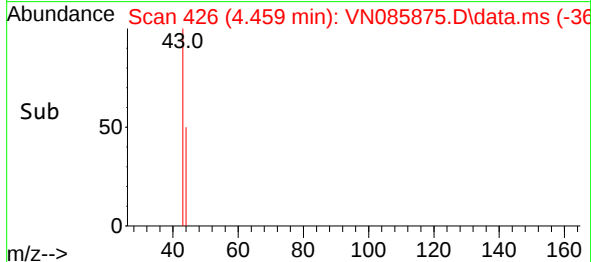
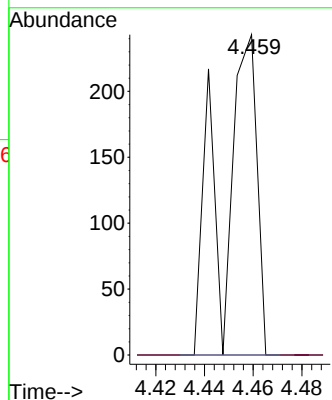
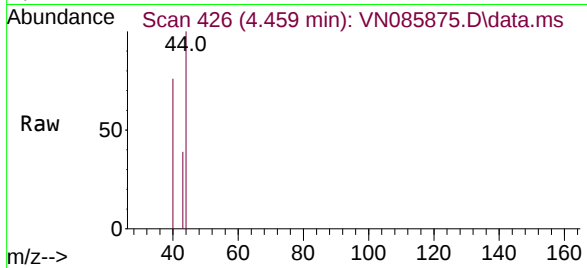




#16
Acetone
Concen: 0.244 ug/l
RT: 4.459 min Scan# 419
Delta R.T. 0.041 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

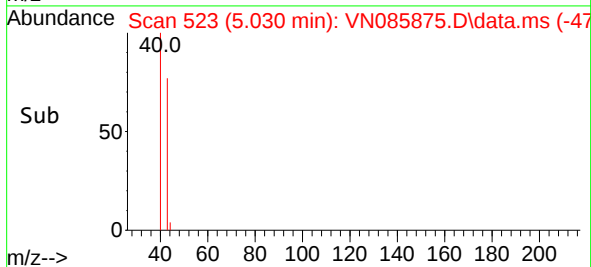
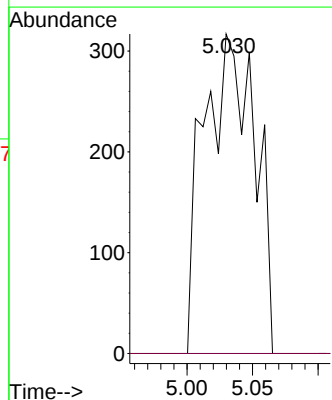
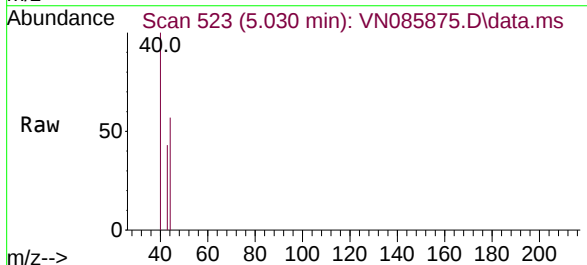
Instrument :
MSVOA_N
ClientSampleId :
IBLK

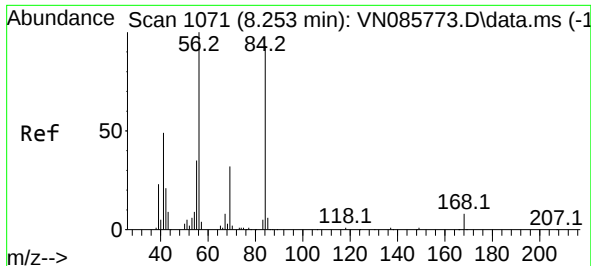
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#

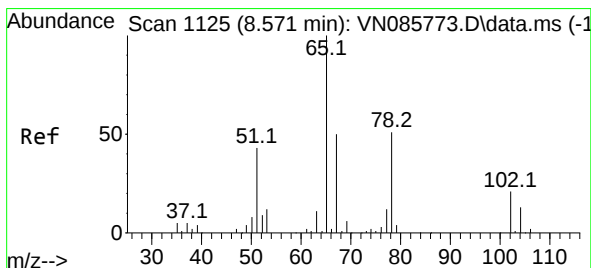
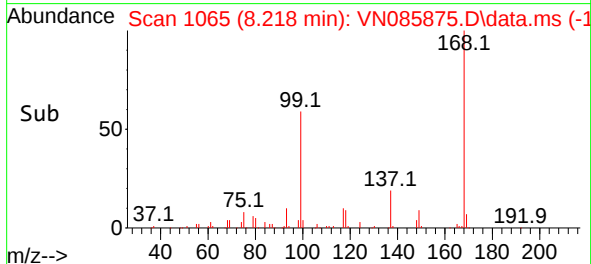
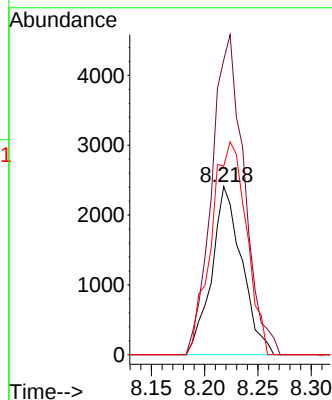
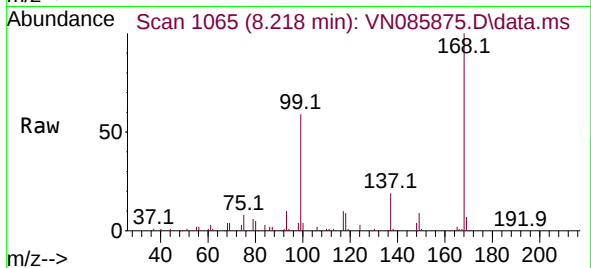




#31
Cyclohexane
Concen: 1.082 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

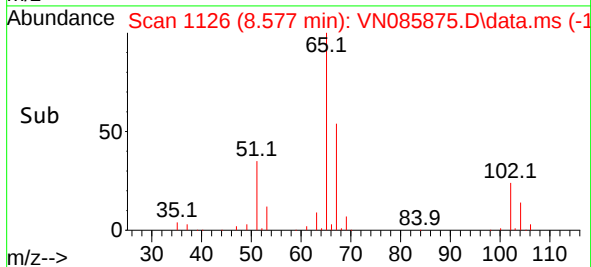
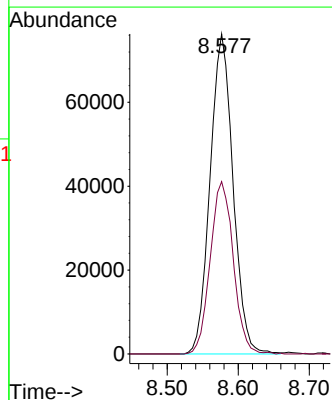
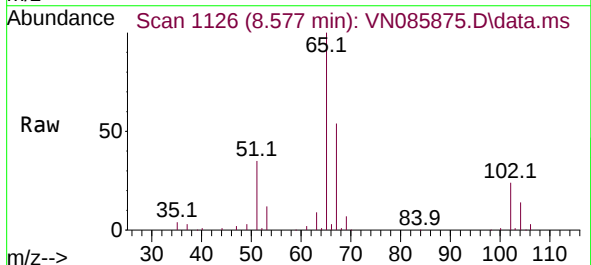
Instrument :
MSVOA_N
ClientSampleId :
IBLK

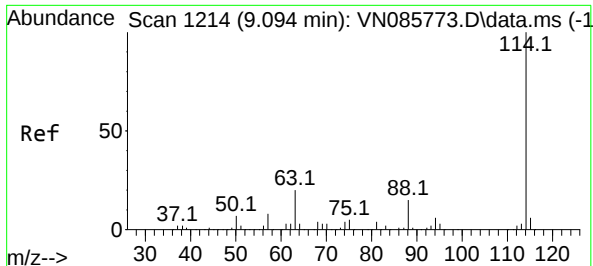
Tgt Ion: 56 Resp: 4739
Ion Ratio Lower Upper
56 100
69 175.2 25.8 38.6#
84 112.1 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 55.803 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 65 Resp: 171058
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085875.D

Acq: 26 Feb 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

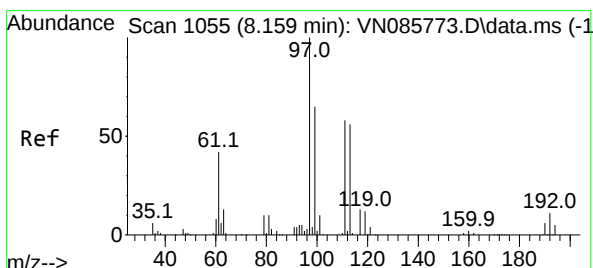
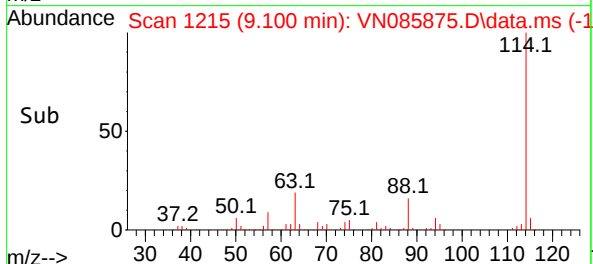
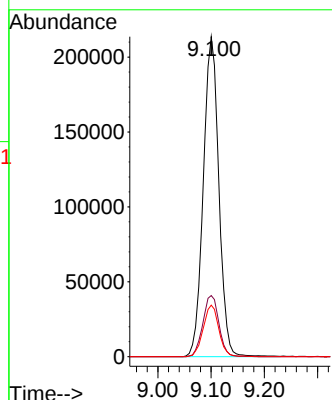
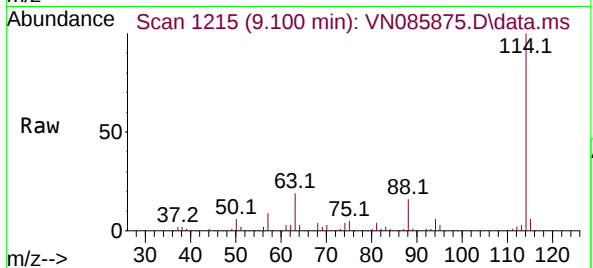
Tgt Ion:114 Resp: 432952

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 16.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.643 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085875.D

Acq: 26 Feb 2025 16:45

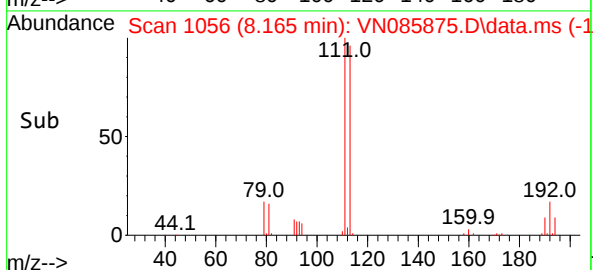
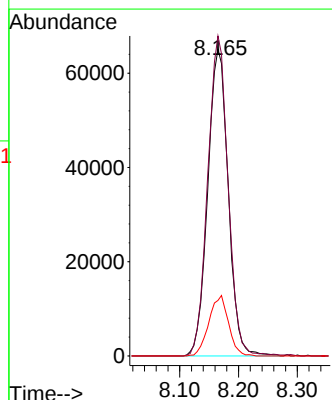
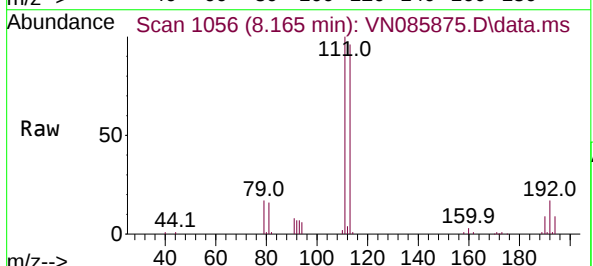
Tgt Ion:113 Resp: 157638

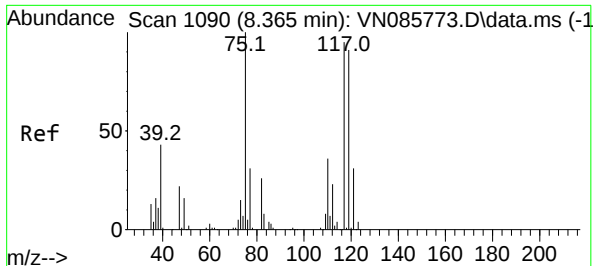
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 18.9 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.762 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085875.D

Acq: 26 Feb 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

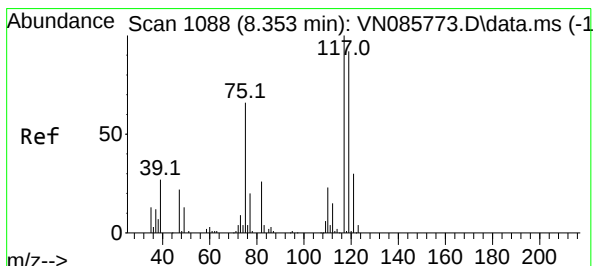
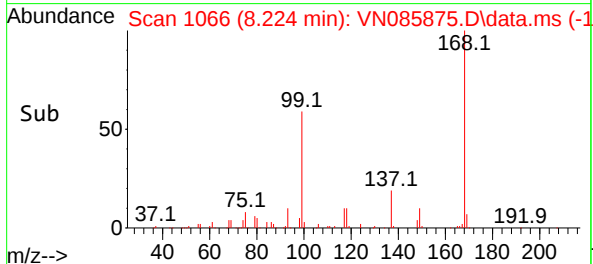
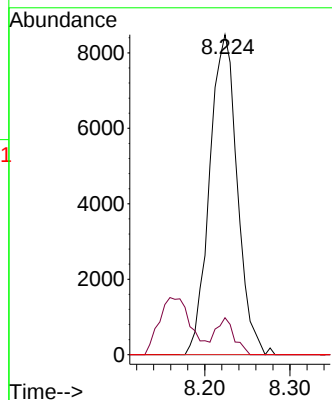
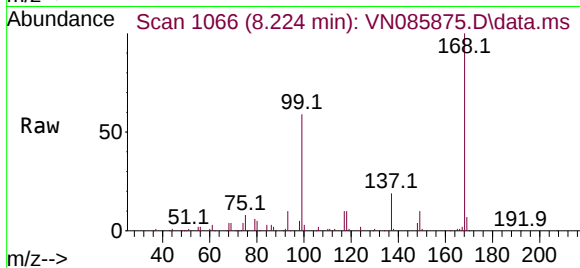
Tgt Ion: 75 Resp: 19093

Ion Ratio Lower Upper

75 100

110 7.5 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.007 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.129 min

Lab File: VN085875.D

Acq: 26 Feb 2025 16:45

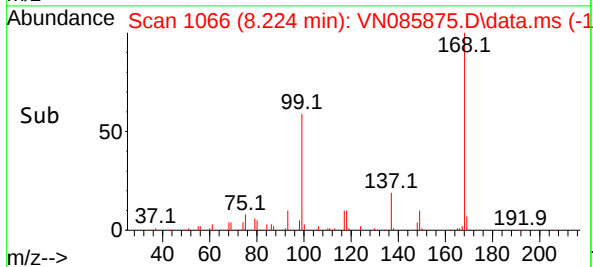
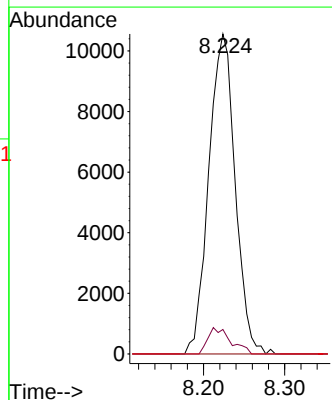
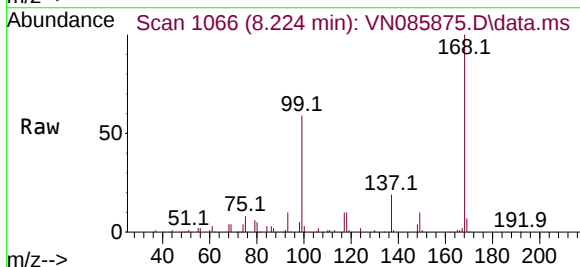
Tgt Ion: 117 Resp: 23852

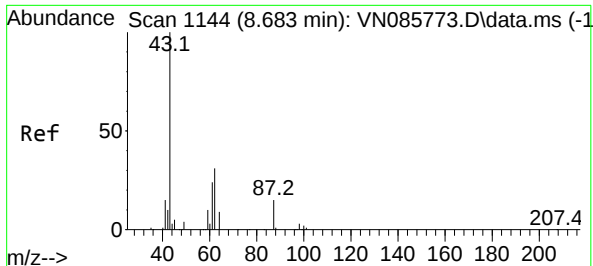
Ion Ratio Lower Upper

117 100

119 7.6 73.8 110.6#

121 0.0 24.3 36.5#

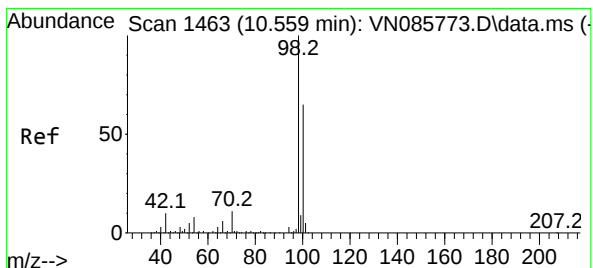
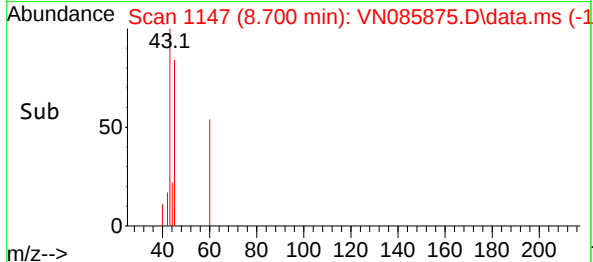
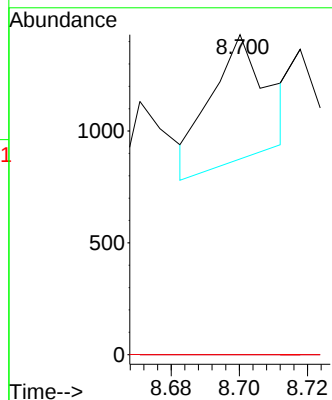
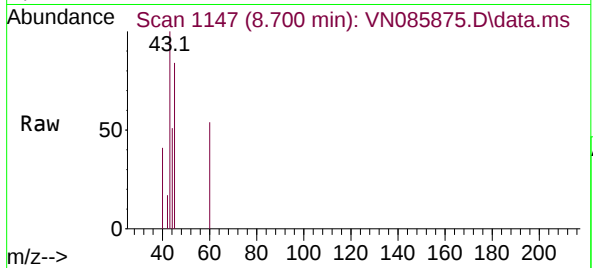




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1144
Delta R.T. 0.017 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

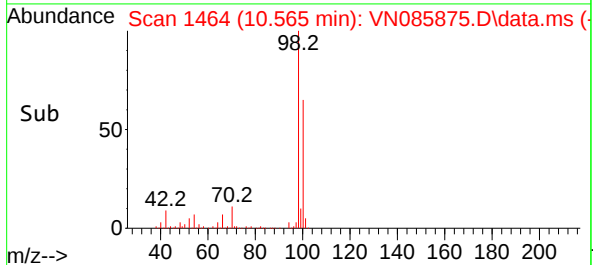
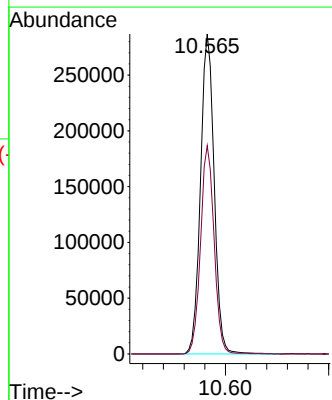
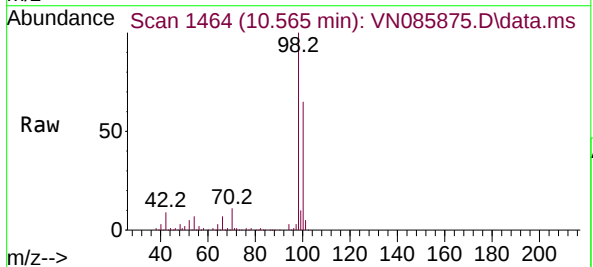
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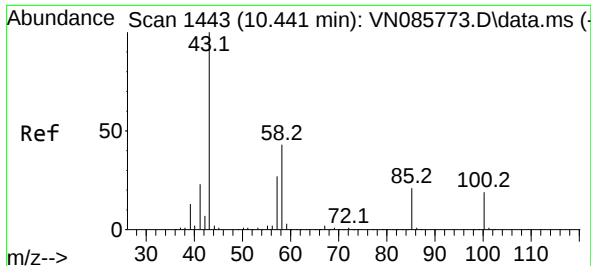
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 98 Resp: 524764
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

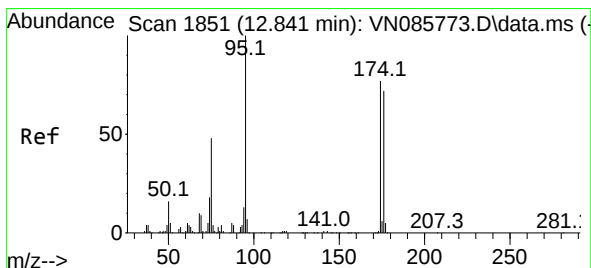
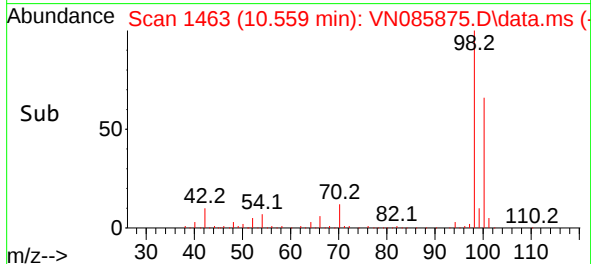
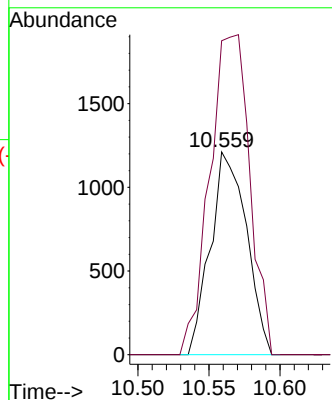
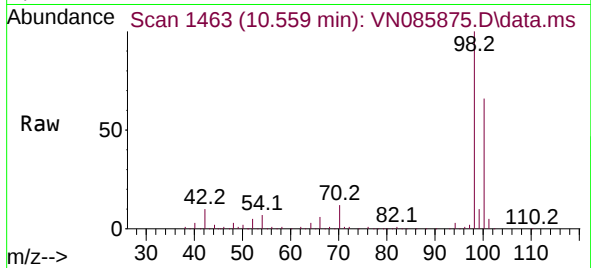




#51
4-Methyl-2-Pentanone
Concen: 0.674 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

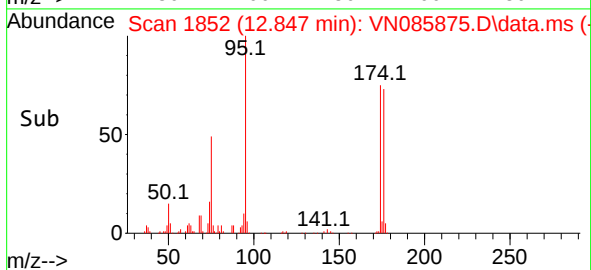
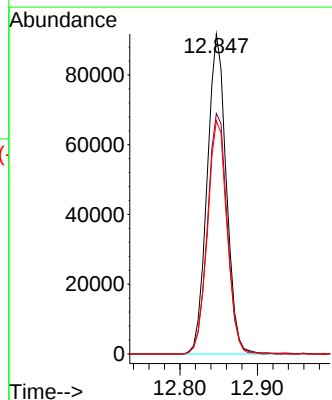
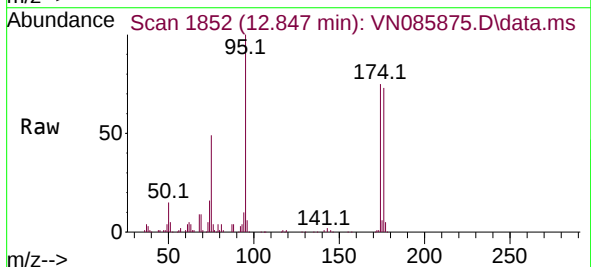
Instrument :
MSVOA_N
ClientSampleId :
IBLK

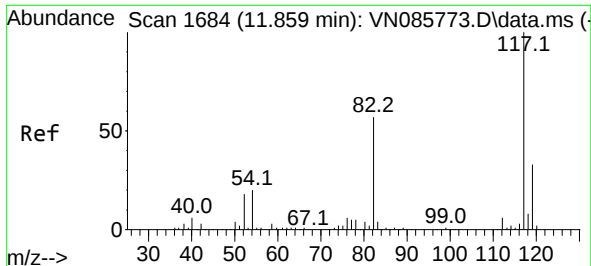
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 175.3 34.6 52.0#



#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 95 Resp: 156709
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.4
176 74.4 0.0 146.6

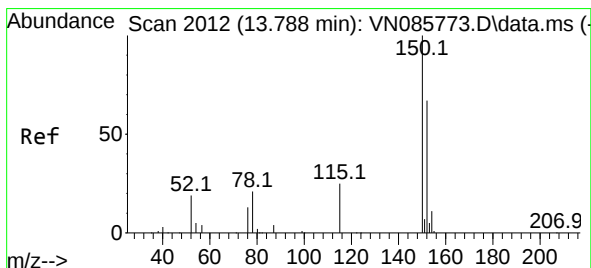
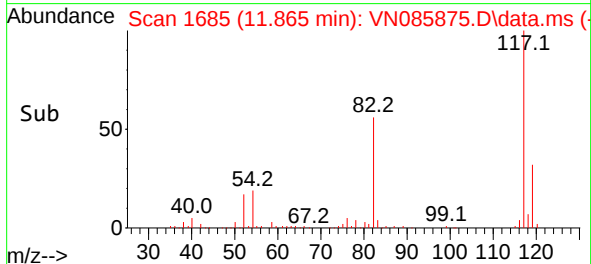
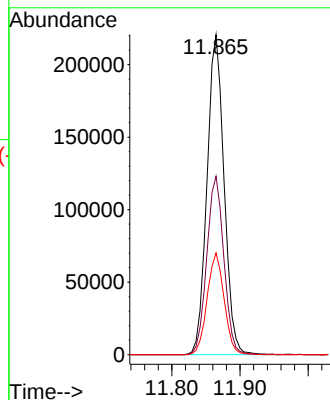
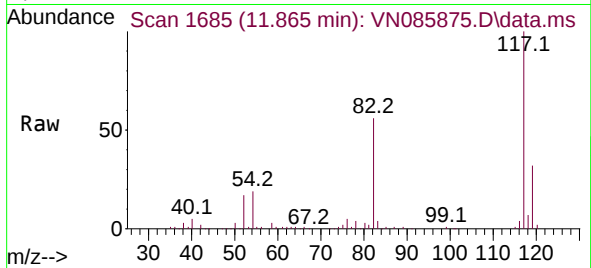




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

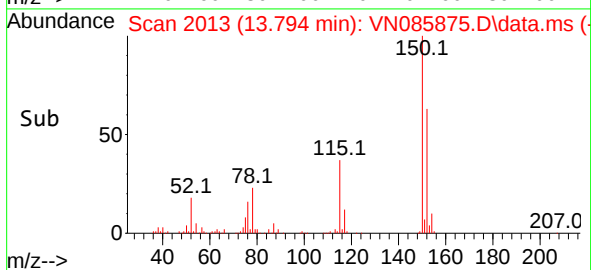
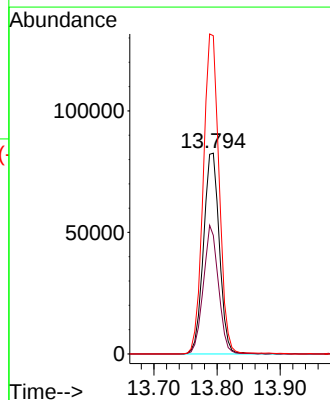
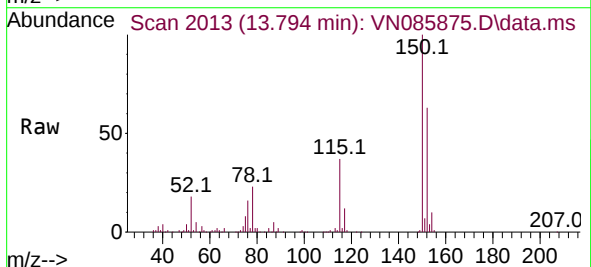
Instrument :
MSVOA_N
ClientSampleId :
IBLK

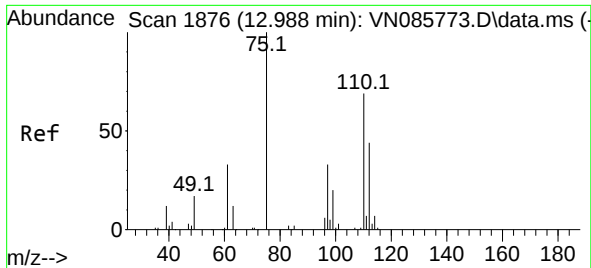
Tgt Ion:117 Resp: 385023
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion:152 Resp: 144313
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 159.4 0.0 345.4

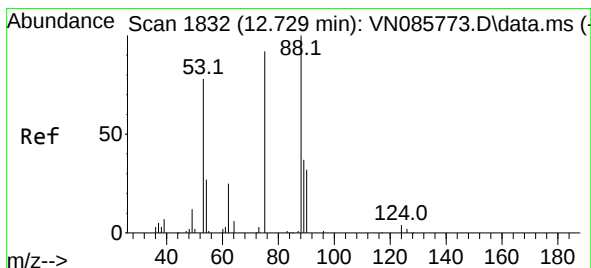
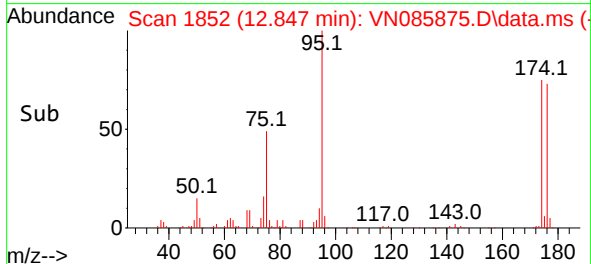
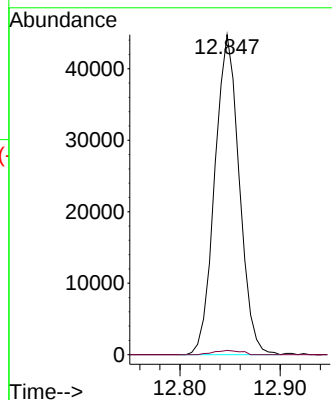
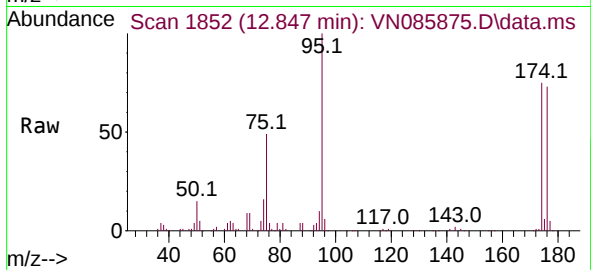




#76
1,2,3-Trichloropropane
Concen: 23.703 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 75983
Ion Ratio Lower Upper
75 100
77 1.5 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.159 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085875.D
Acq: 26 Feb 2025 16:45

Tgt Ion: 75 Resp: 75983
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#

