

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085414.D
 Acq On : 09 Jan 2025 17:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:25:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

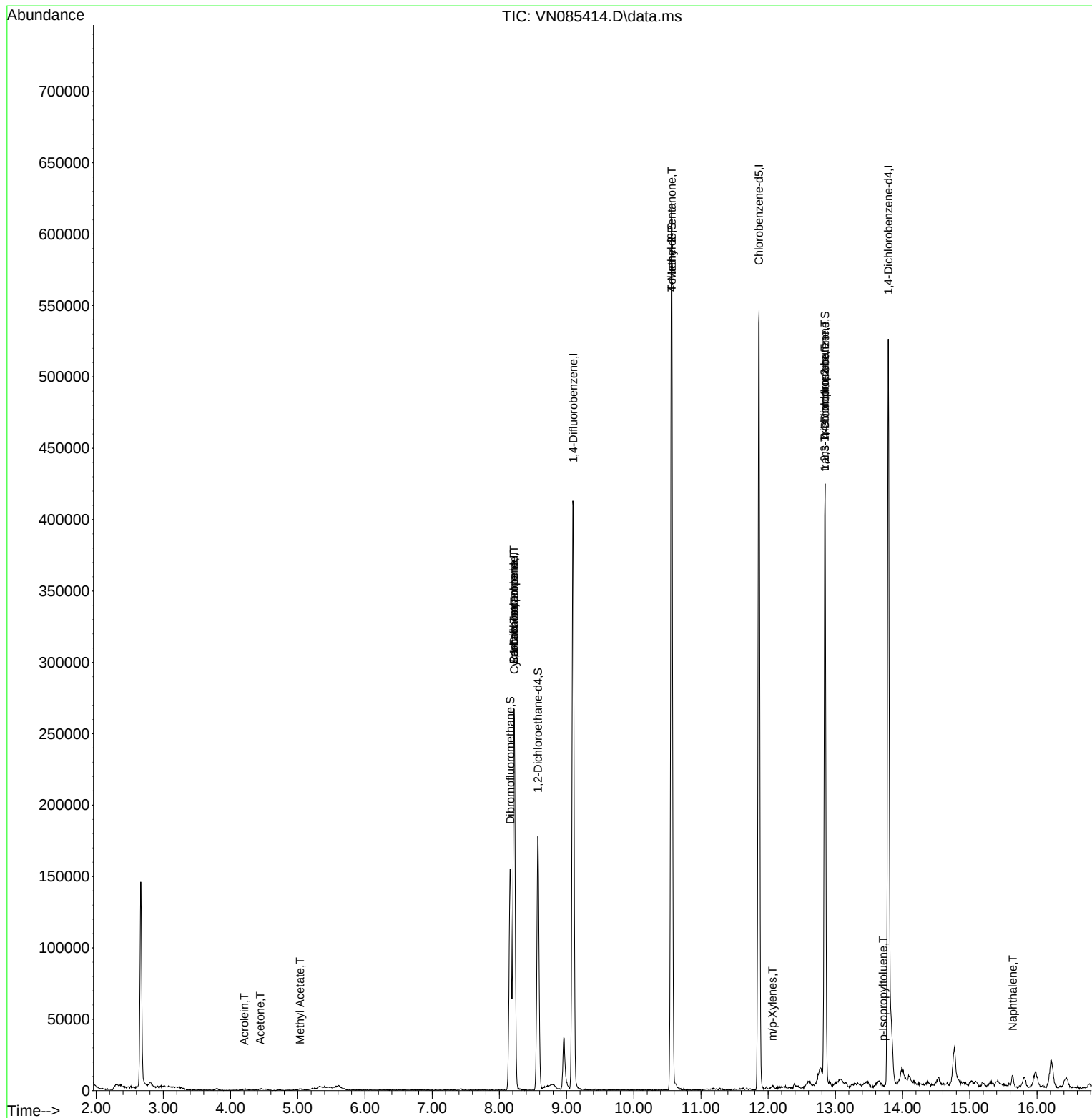
Internal Standards						
1) Pentafluorobenzene	8.218	168	185275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144515	54.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.380%	
35) Dibromofluoromethane	8.165	113	113378	51.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.565	98	421209	51.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.847	95	143689	53.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
13) Acrolein	4.206	56	482	0.934	ug/l #	76
16) Acetone	4.441	43	1680	1.933	ug/l	96
18) Methyl Acetate	5.036	43	2264	0.851	ug/l #	71
31) Cyclohexane	8.224	56	5140	1.316	ug/l #	52
36) 1,1-Dichloropropene	8.218	75	16780	5.188	ug/l #	50
38) Carbon Tetrachloride	8.218	117	21289	6.039	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2545	0.856	ug/l #	1
68) m/p-Xylenes	12.065	106	834	0.209	ug/l	88
76) 1,2,3-Trichloropropane	12.841	75	78174	32.275	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	78174	77.293	ug/l #	10
86) p-Isopropyltoluene	13.711	119	361	0.239	ug/l #	28
95) Naphthalene	15.641	128	8295	1.228	ug/l	97

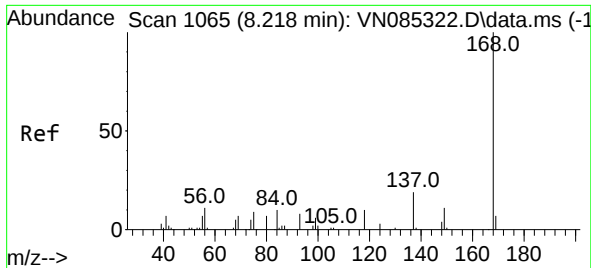
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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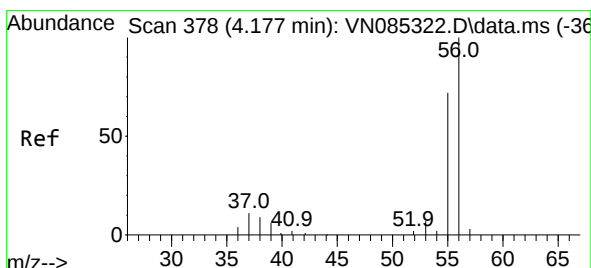
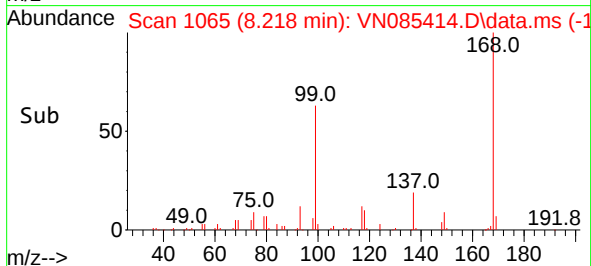
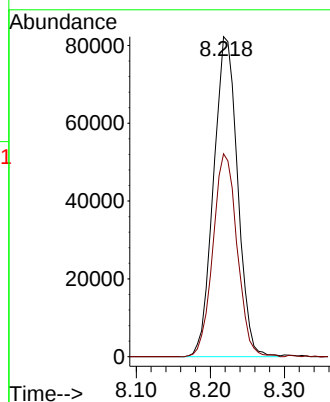
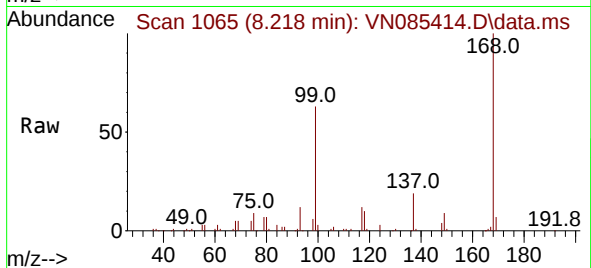




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

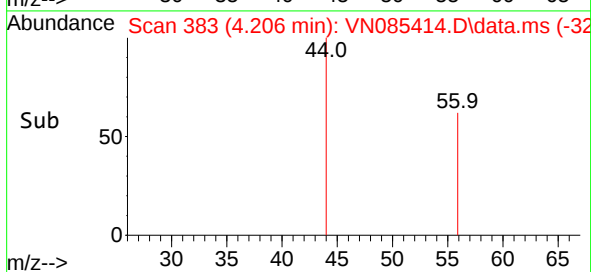
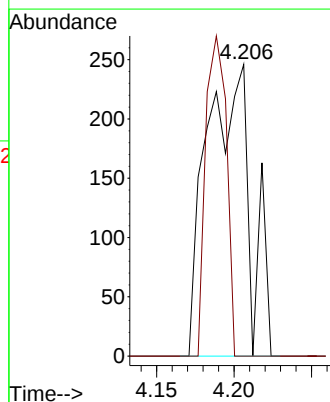
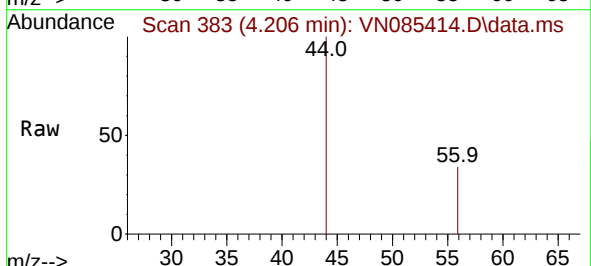
Instrument :
MSVOA_N
ClientSampleId :

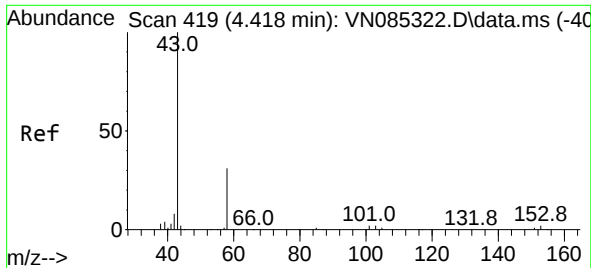
Tgt Ion:168 Resp: 185275
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.4



#13
Acrolein
Concen: 0.934 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.029 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

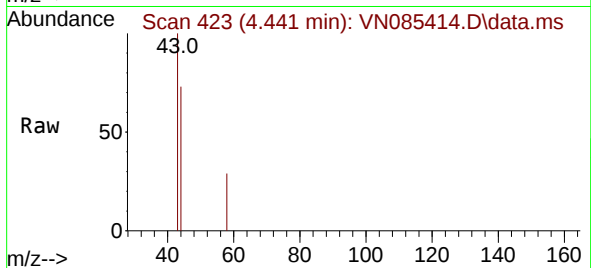
Tgt Ion: 56 Resp: 482
Ion Ratio Lower Upper
56 100
55 52.1 57.5 86.3#



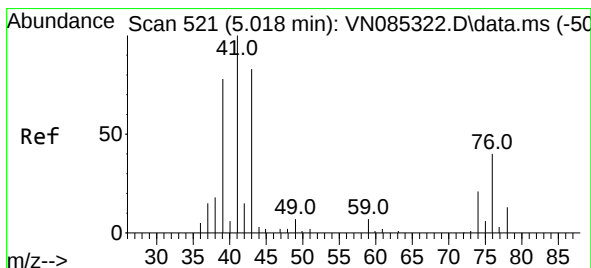
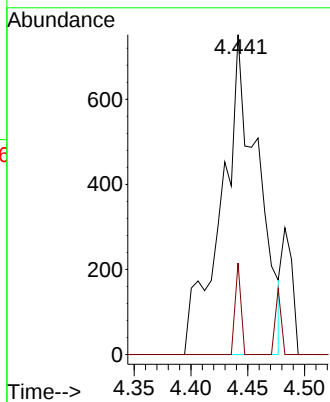
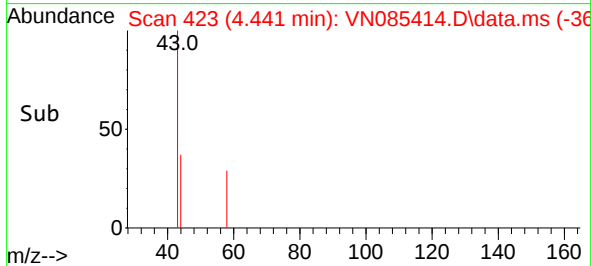


#16
Acetone
Concen: 1.933 ug/l
RT: 4.441 min Scan# 419
Delta R.T. 0.024 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :

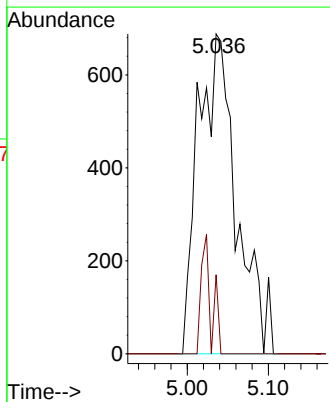
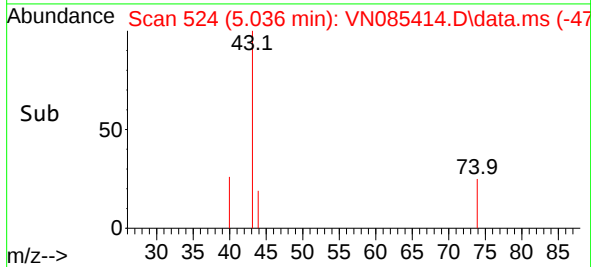
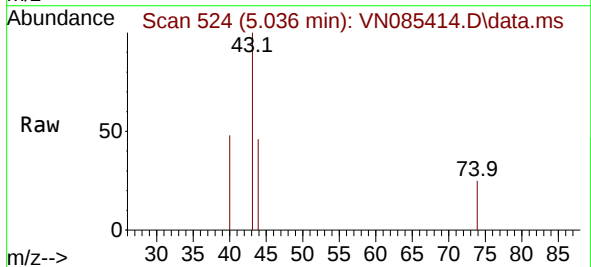


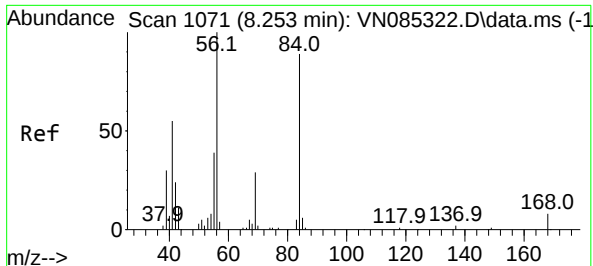
Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 28.6 24.5 36.7



#18
Methyl Acetate
Concen: 0.851 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
74 9.6 19.0 28.6#





#31

Cyclohexane

Concen: 1.316 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

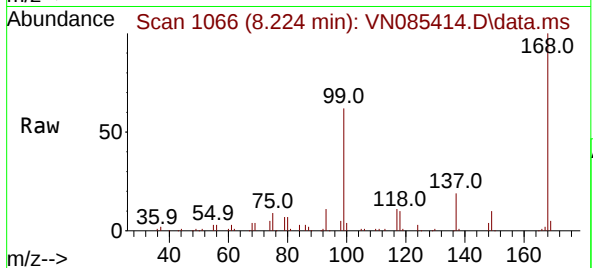
Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

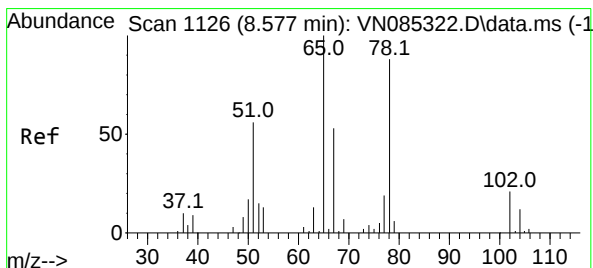
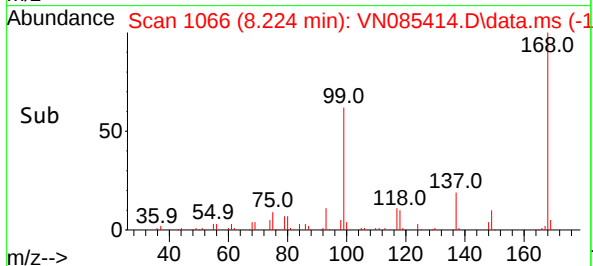
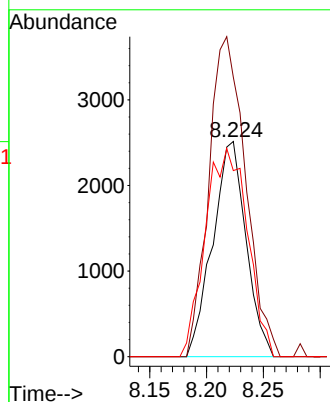
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 5140
Ion Ratio	Lower Upper
56	100
69	129.9 23.4 35.0#
84	86.4 71.0 106.6



#33

1,2-Dichloroethane-d4

Concen: 54.688 ug/l

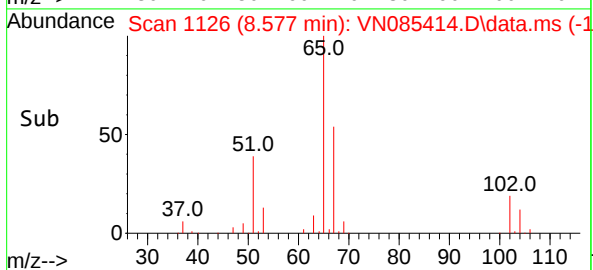
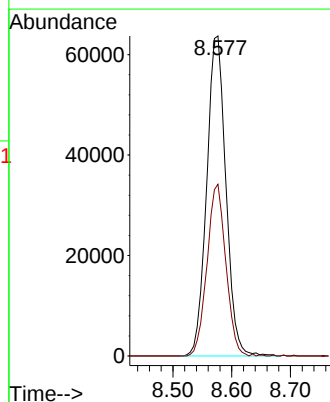
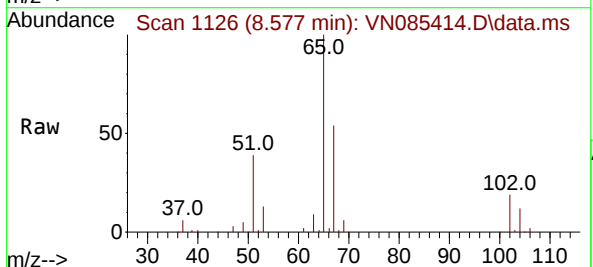
RT: 8.577 min Scan# 1126

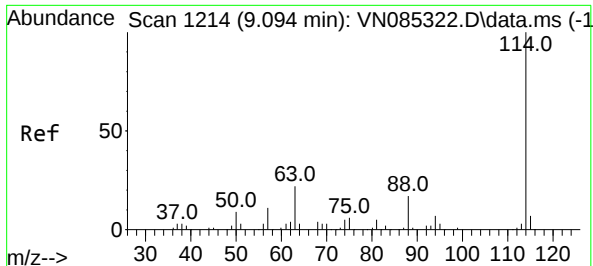
Delta R.T. -0.000 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

Tgt Ion: 65	Resp: 144515
Ion Ratio	Lower Upper
65	100
67	52.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

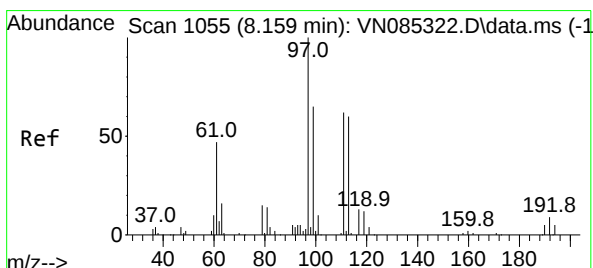
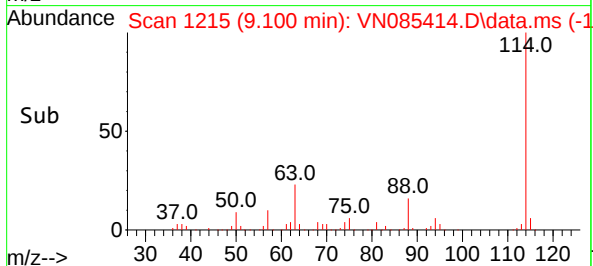
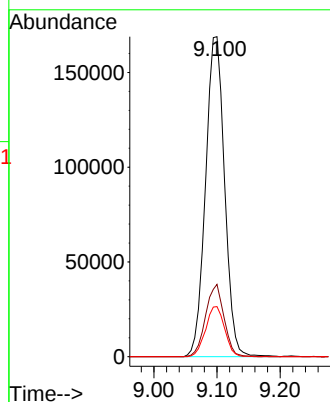
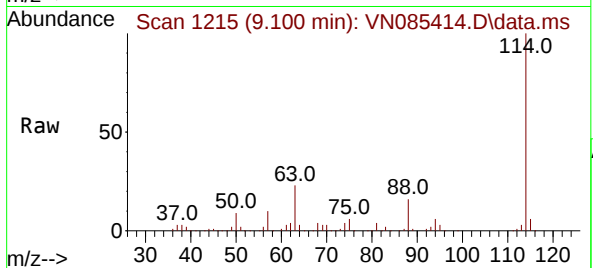
Tgt Ion:114 Resp: 354078

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 15.6 0.0 33.6



#35

Dibromofluoromethane

Concen: 51.327 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

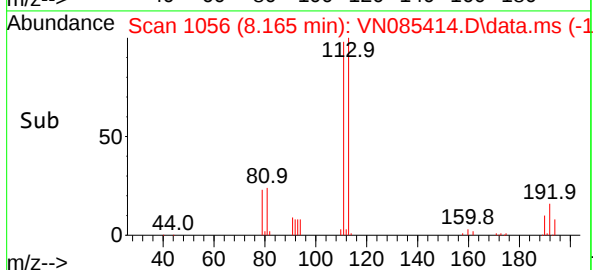
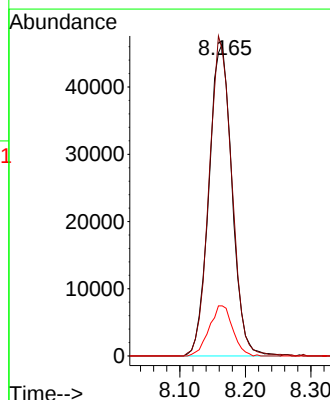
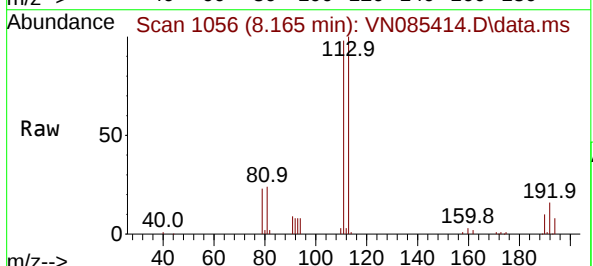
Tgt Ion:113 Resp: 113378

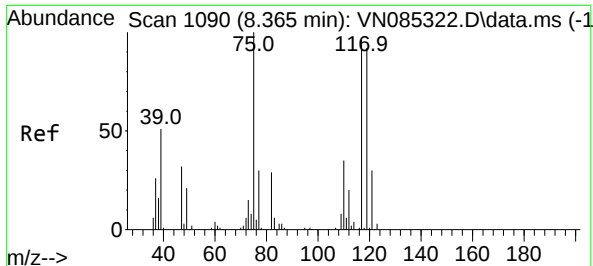
Ion Ratio Lower Upper

113 100

111 100.9 80.5 120.7

192 16.4 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

Instrument :

MSVOA_N

ClientSampleId :

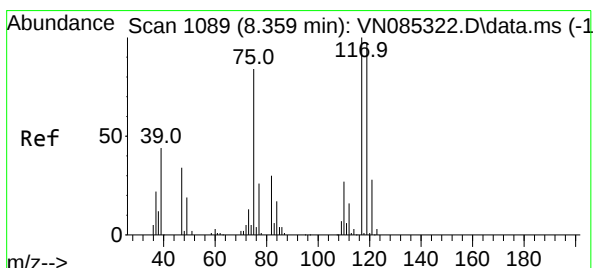
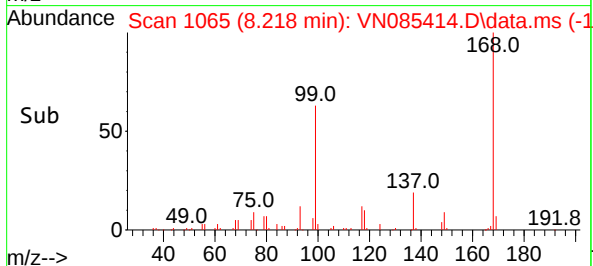
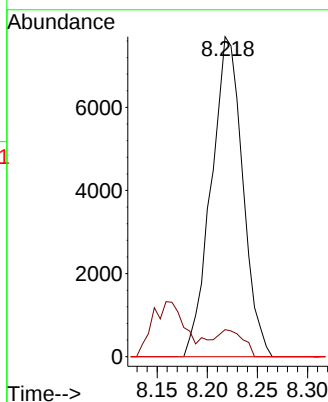
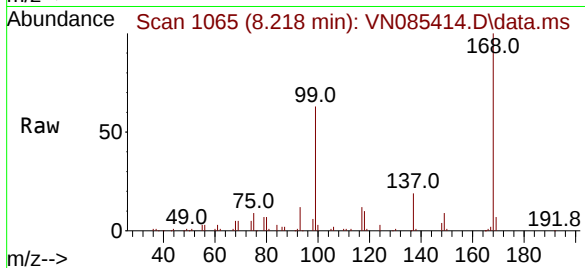
Tgt Ion: 75 Resp: 16780

Ion Ratio Lower Upper

75 100

110 7.4 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.039 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN085414.D

Acq: 09 Jan 2025 17:35

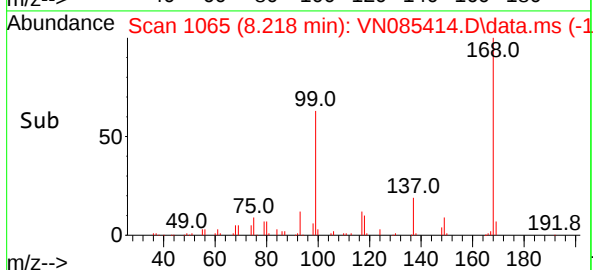
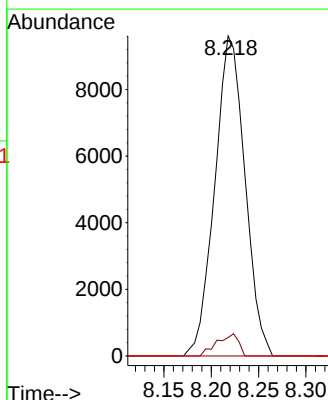
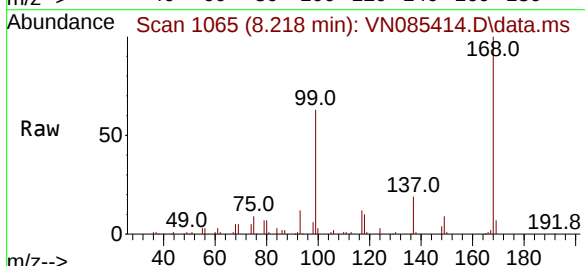
Tgt Ion: 117 Resp: 21289

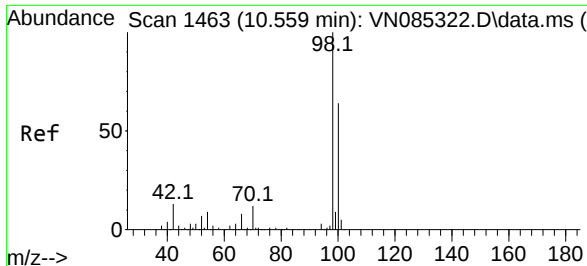
Ion Ratio Lower Upper

117 100

119 5.7 77.8 116.6#

121 0.0 22.5 33.7#

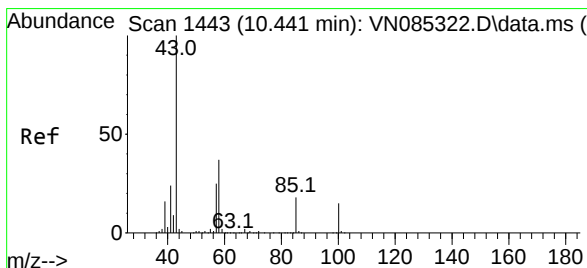
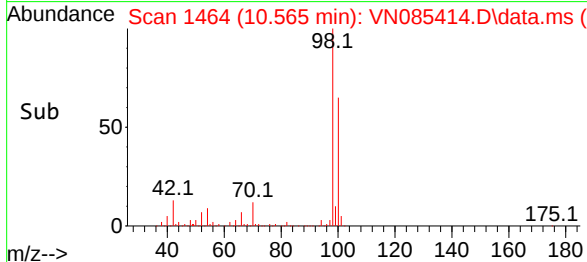
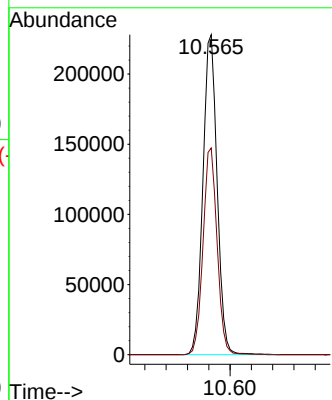
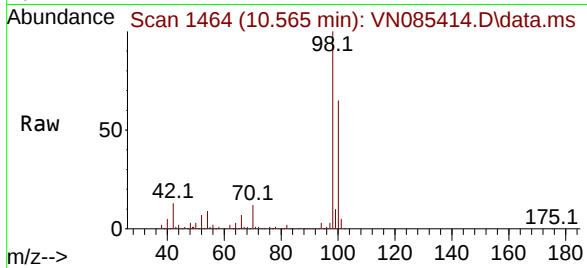




#50
Toluene-d8
Concen: 51.964 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

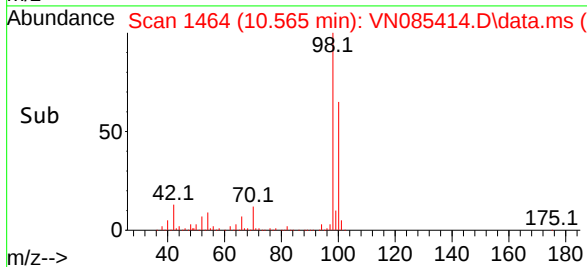
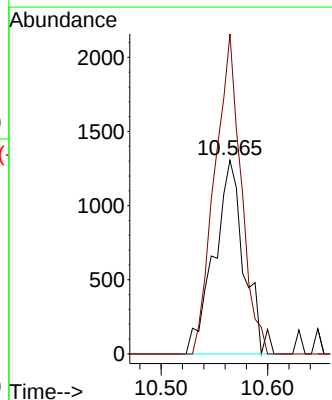
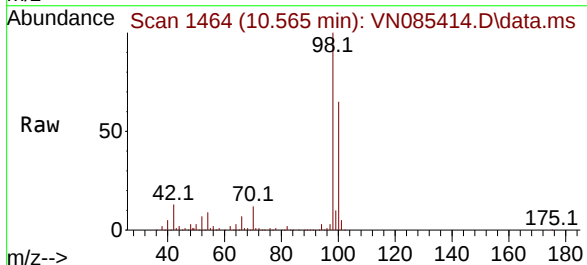
Instrument :
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ClientSampleId :

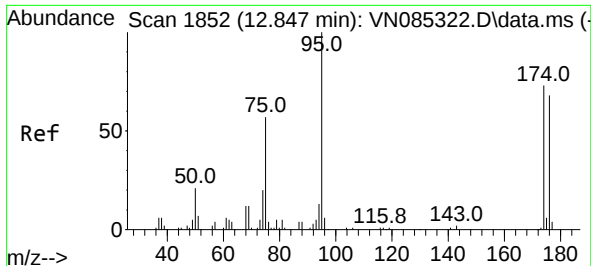
Tgt Ion: 98 Resp: 421209
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.856 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
58 145.9 30.3 45.5#

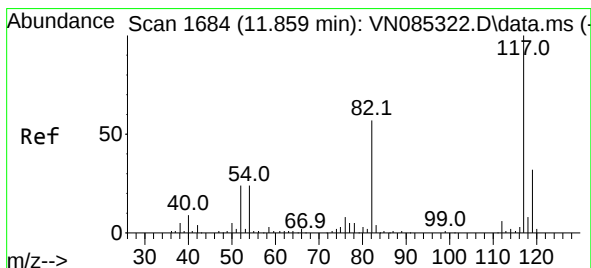
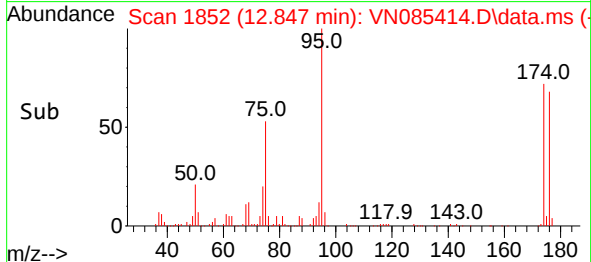
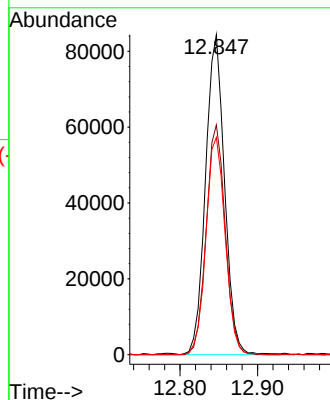
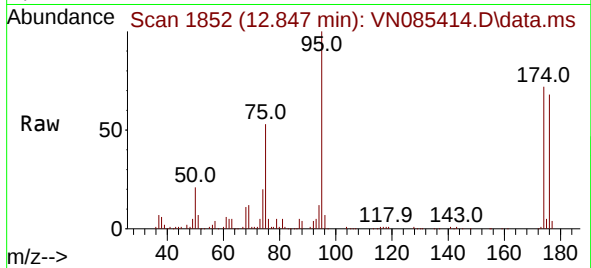




#62
4-Bromofluorobenzene
Concen: 53.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

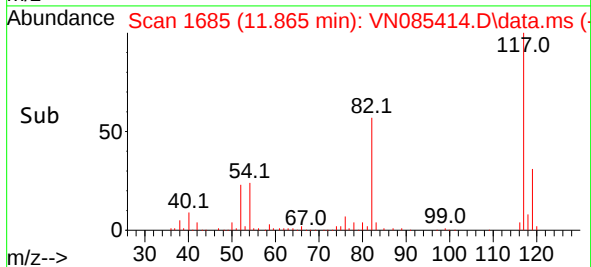
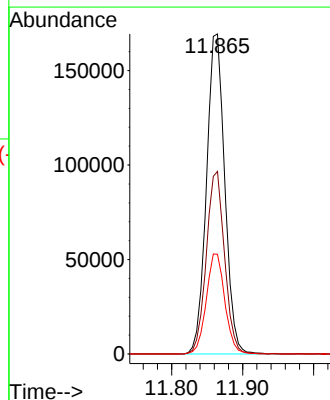
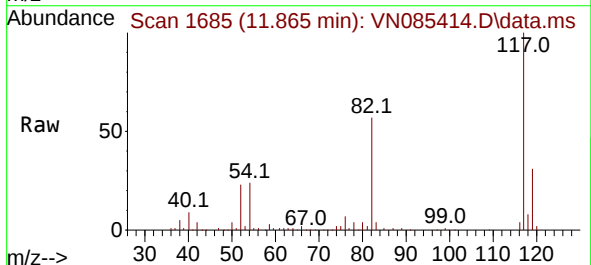
Instrument :
MSVOA_N
ClientSampleId :

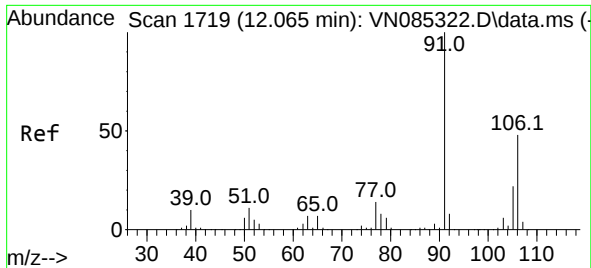
Tgt Ion: 95 Resp: 143689
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.2
176 68.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion: 117 Resp: 303108
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 31.2 25.8 38.8

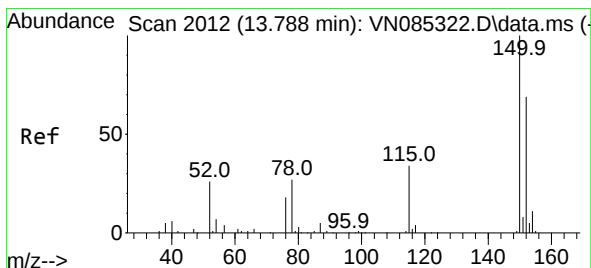
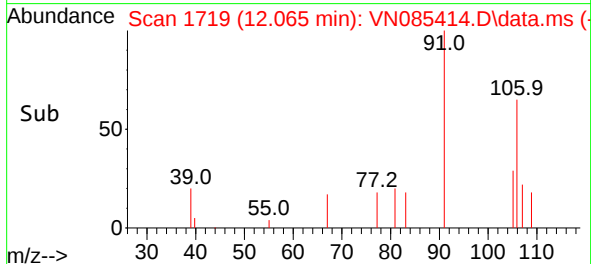
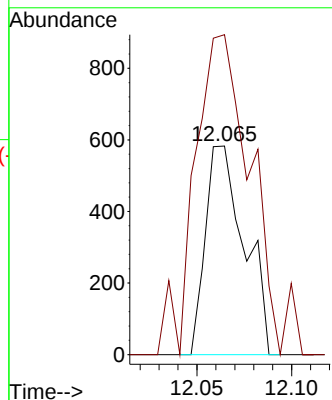
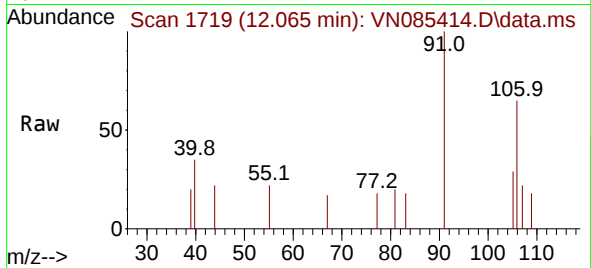




#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

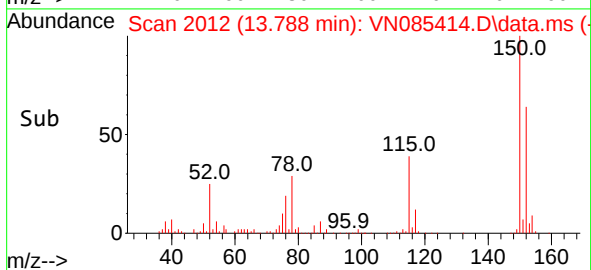
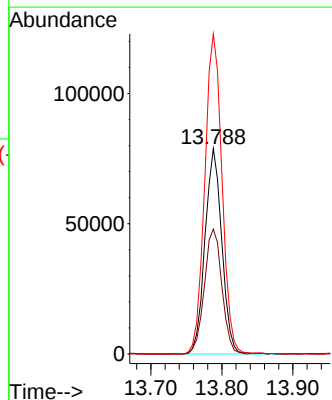
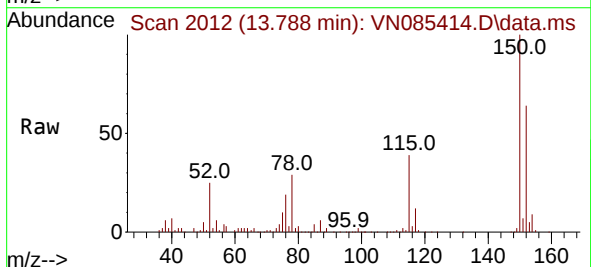
Instrument :
MSVOA_N
ClientSampleId :

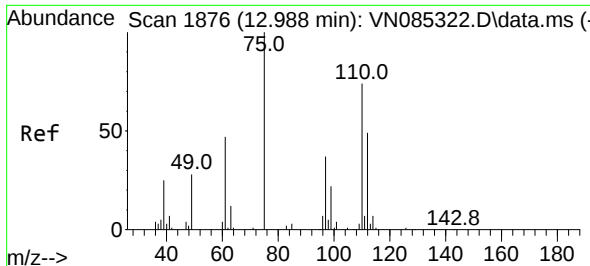
Tgt Ion:106 Resp: 834
Ion Ratio Lower Upper
106 100
91 224.3 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion:152 Resp: 129708
Ion Ratio Lower Upper
152 100
115 63.4 30.4 91.3
150 159.9 0.0 345.0

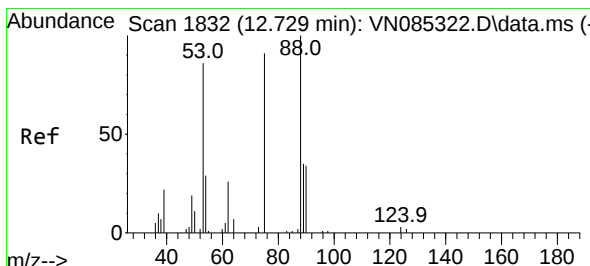
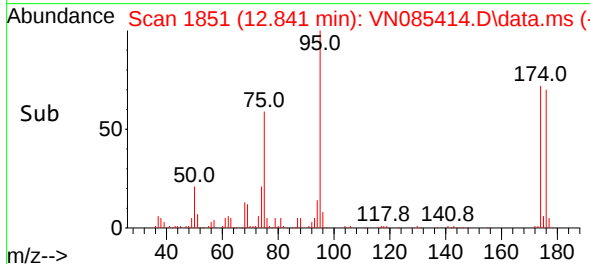
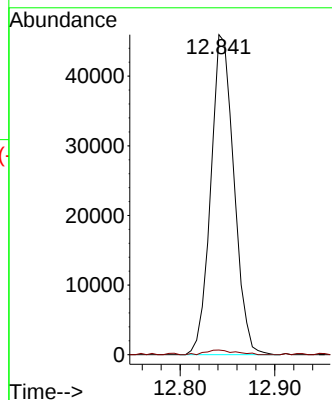
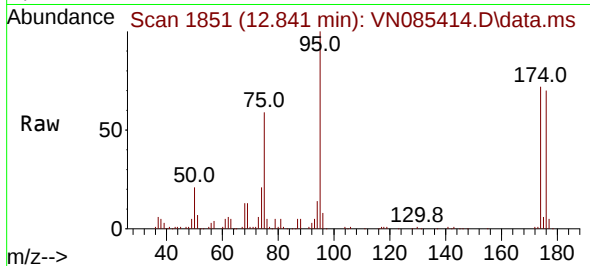




#76
1,2,3-Trichloropropane
Concen: 32.275 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

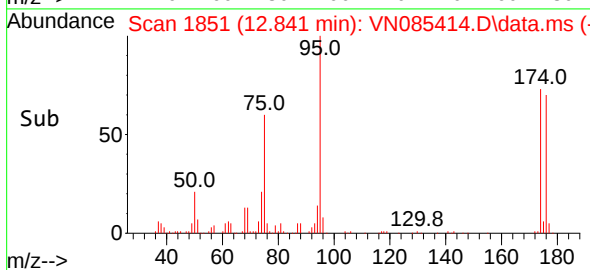
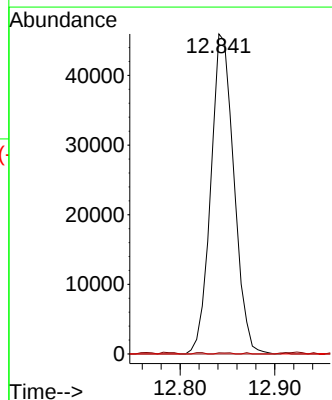
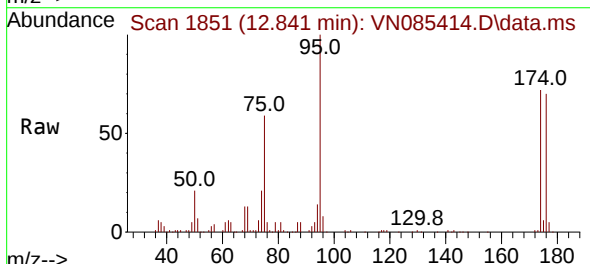
Instrument :
MSVOA_N
ClientSampleId :

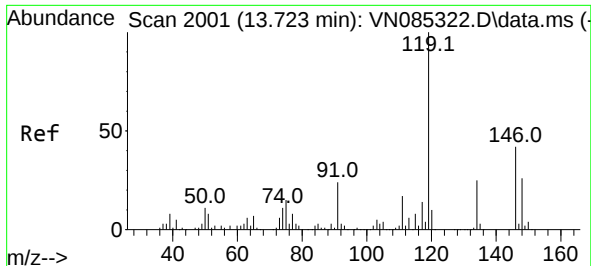
Tgt Ion: 75 Resp: 78174
Ion Ratio Lower Upper
75 100
77 1.9 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.293 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.112 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion: 75 Resp: 78174
Ion Ratio Lower Upper
75 100
53 0.2 80.0 120.0#
89 0.0 35.8 53.8#

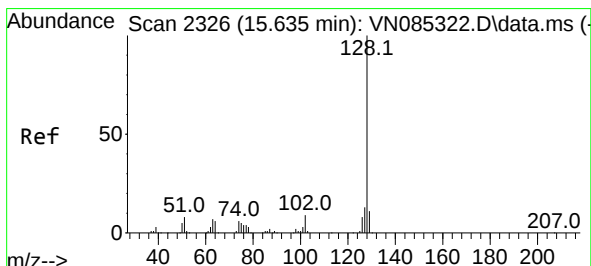
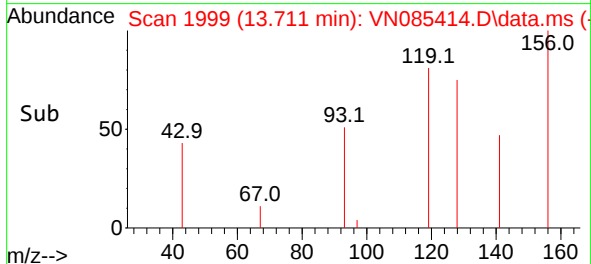
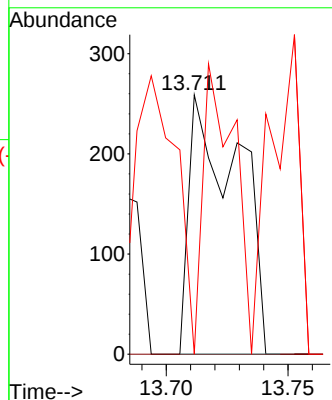
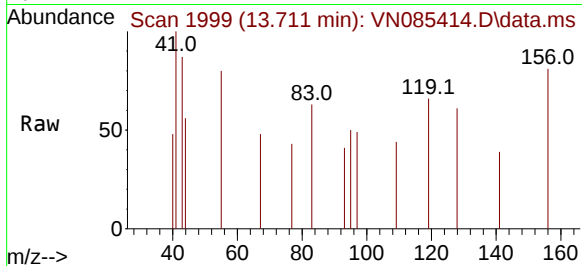




#86
p-Isopropyltoluene
Concen: 0.239 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.012 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 361
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 71.5 12.2 36.4#



#95
Naphthalene
Concen: 1.228 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085414.D
Acq: 09 Jan 2025 17:35

Tgt Ion:128 Resp: 8295
Ion Ratio Lower Upper
128 100
127 14.8 10.6 16.0
129 11.3 8.5 12.7

