

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086075.D
 Acq On : 24 Mar 2025 16:25
 Operator : JC\MD
 Sample : Q1606-07ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3025

Quant Time: Mar 25 01:26:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

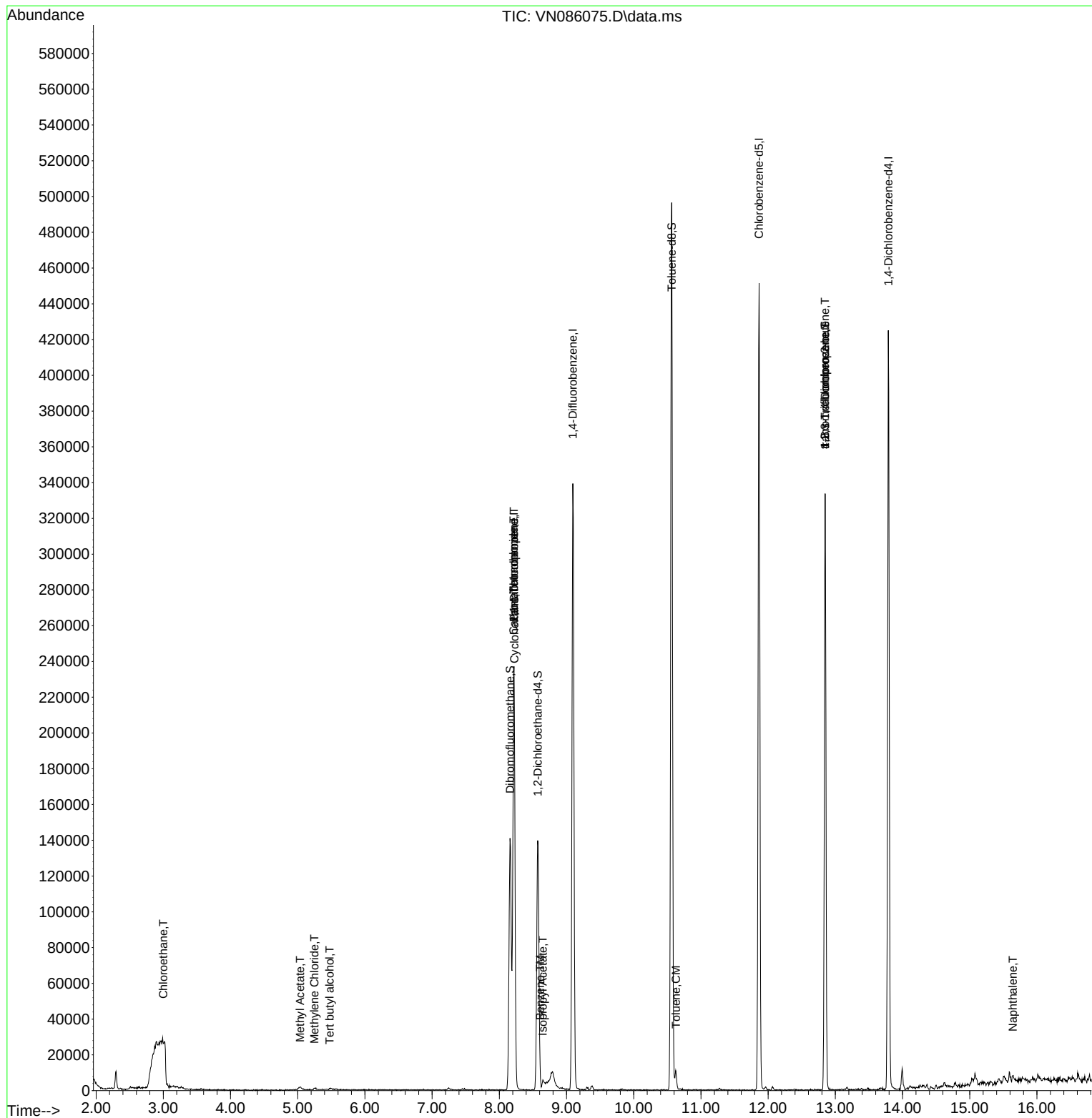
Internal Standards						
1) Pentafluorobenzene	8.218	168	173105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	300884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119847	50.560	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.120%		
35) Dibromofluoromethane	8.159	113	104390	49.706	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.420%		
50) Toluene-d8	10.565	98	363898	47.743	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.480%		
62) 4-Bromofluorobenzene	12.847	95	118596	43.630	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 87.260%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.001	64	338	0.261	ug/l #	39
11) Tert butyl alcohol	5.477	59	385	1.147	ug/l #	73
18) Methyl Acetate	5.036	43	3621	2.021	ug/l #	74
20) Methylene Chloride	5.248	84	596	0.281	ug/l #	55
31) Cyclohexane	8.224	56	3382	1.145	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	13649	4.936	ug/l #	48
38) Carbon Tetrachloride	8.212	117	18834	5.180	ug/l #	16
40) Benzene	8.606	78	2418	0.279	ug/l #	52
43) Isopropyl Acetate	8.647	43	3473	0.687	ug/l #	50
52) Toluene	10.630	92	3626	0.681	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	58562	21.876	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58562	57.837	ug/l #	16
95) Naphthalene	15.641	128	5164	0.869	ug/l	97

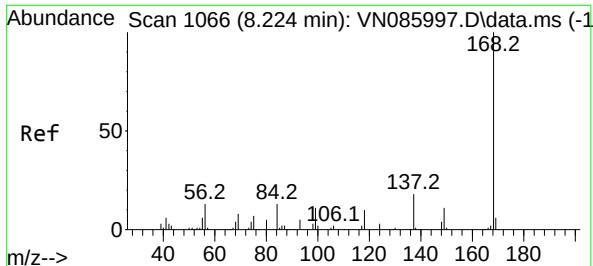
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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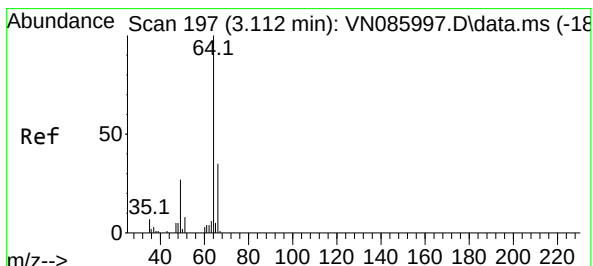
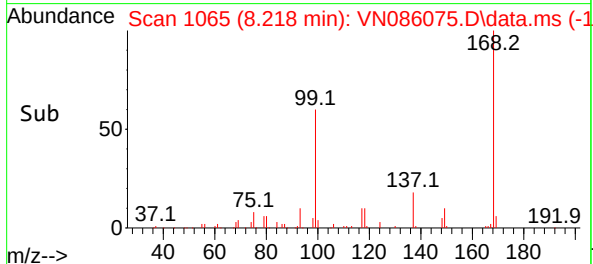
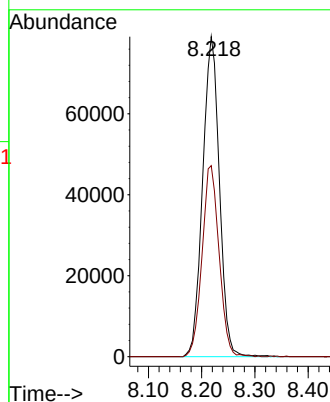
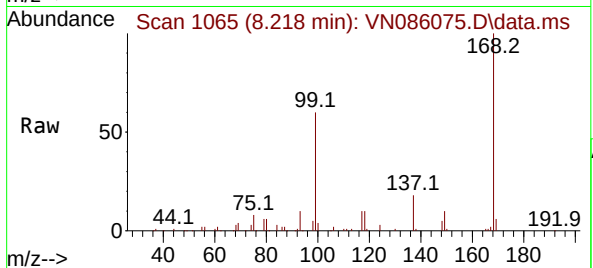




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

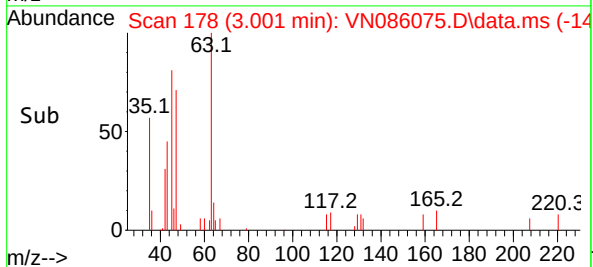
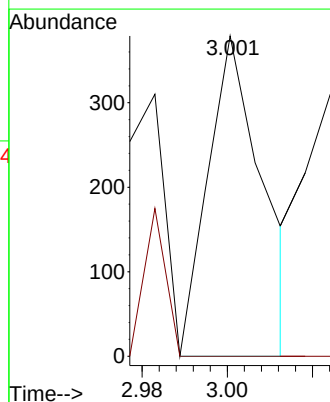
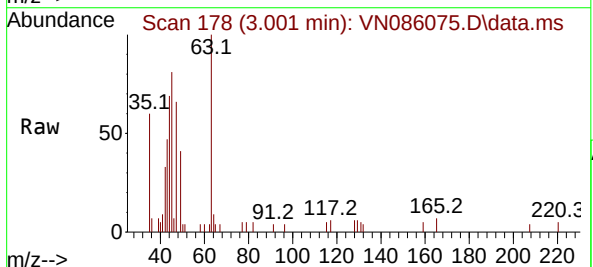
Instrument :
MSVOA_N
ClientSampleId :
RT3025

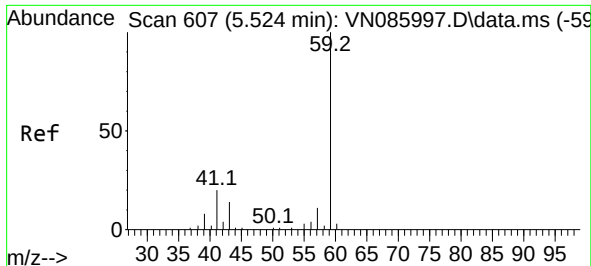
Tgt Ion:168 Resp: 173105
Ion Ratio Lower Upper
168 100
99 59.7 49.4 74.2



#6
Chloroethane
Concen: 0.261 ug/l
RT: 3.001 min Scan# 178
Delta R.T. -0.112 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 0.0 28.3 42.5#

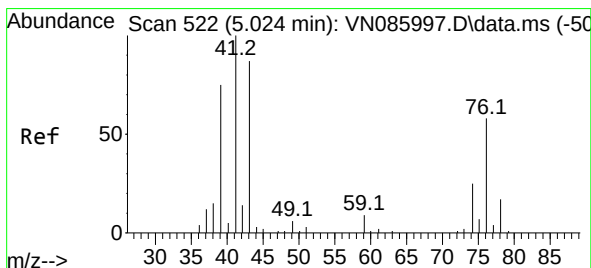
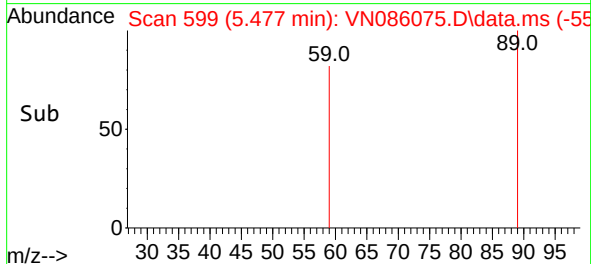
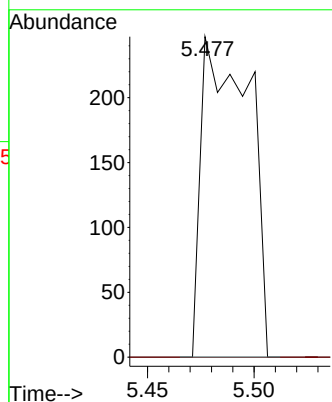
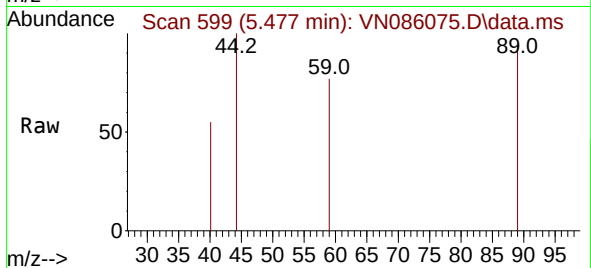




#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 5.477 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

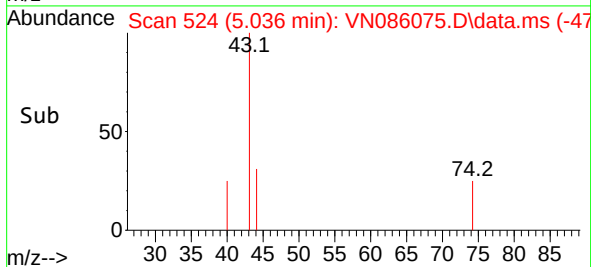
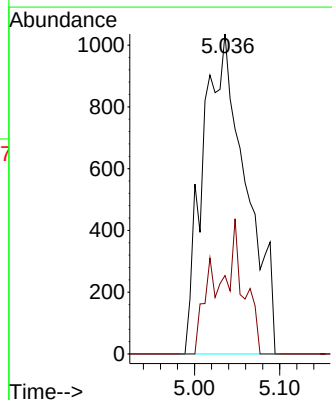
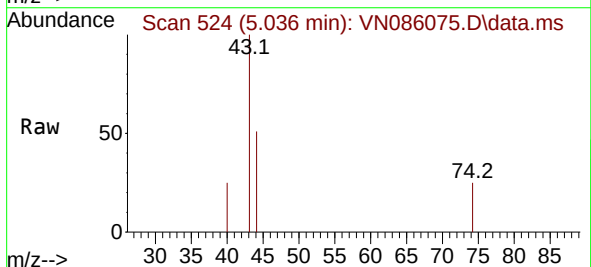
Instrument :
MSVOA_N
ClientSampleId :
RT3025

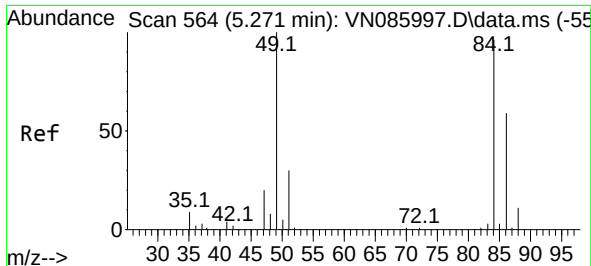
Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#18
Methyl Acetate
Concen: 2.021 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
74 15.9 23.9 35.9#



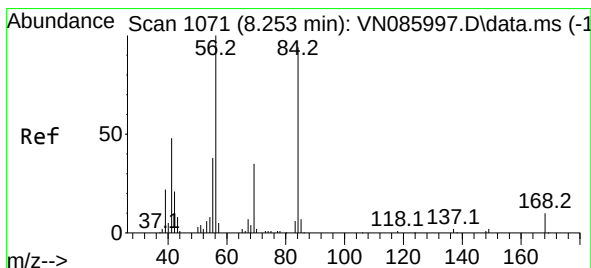
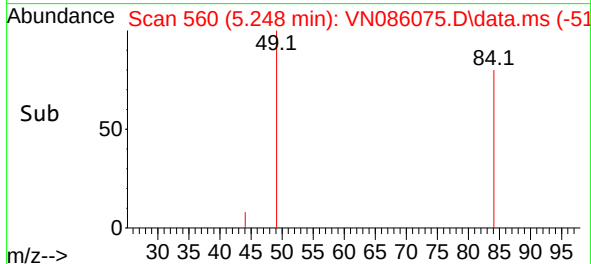
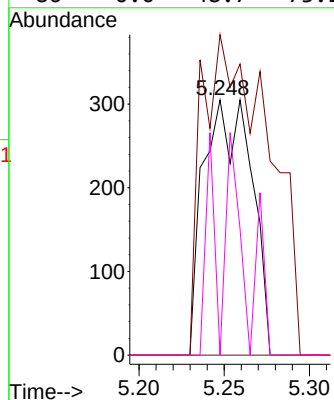
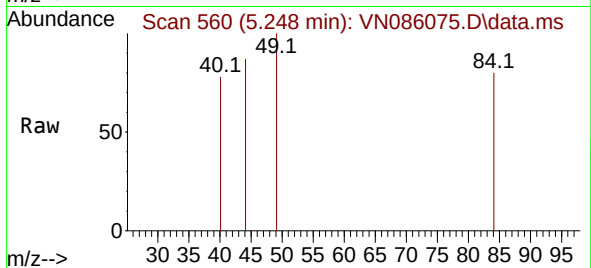


#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 5.248 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Instrument :
MSVOA_N
ClientSampleId :
RT3025

Tgt Ion: 84 Resp: 596

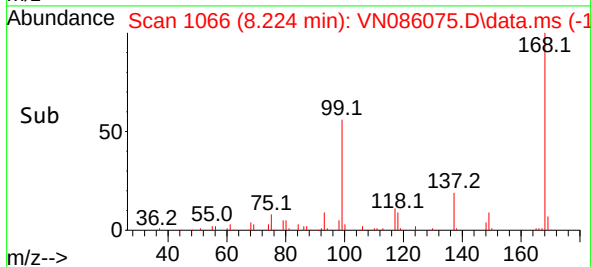
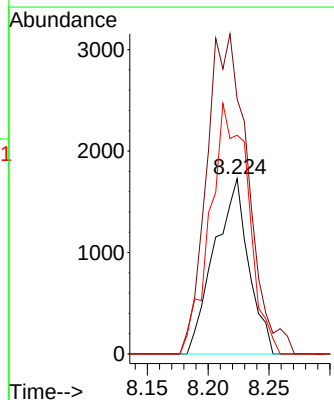
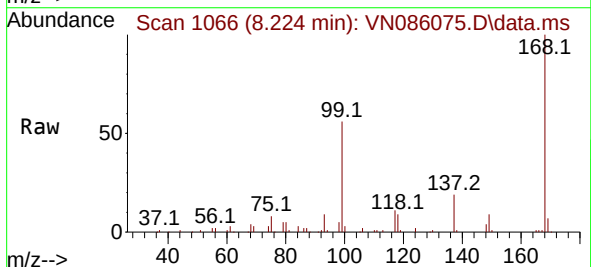
Ion	Ratio	Lower	Upper
84	100		
49	125.6	83.3	124.9#
51	0.0	24.8	37.2#
86	0.0	48.7	73.1#

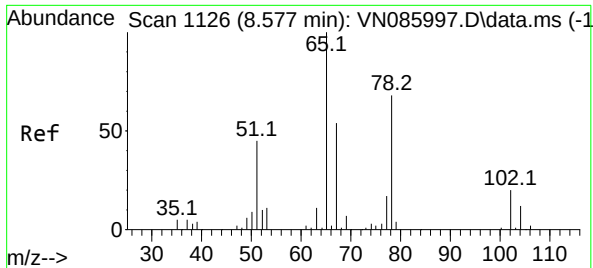


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 56 Resp: 3382

Ion	Ratio	Lower	Upper
56	100		
69	145.2	28.0	42.0#
84	124.6	75.0	112.6#

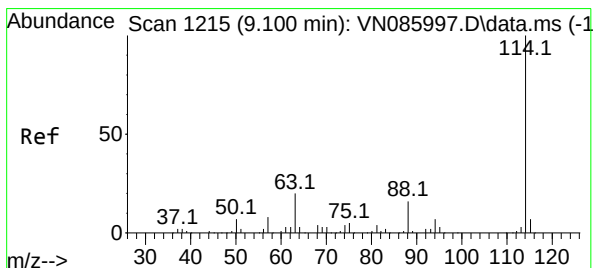
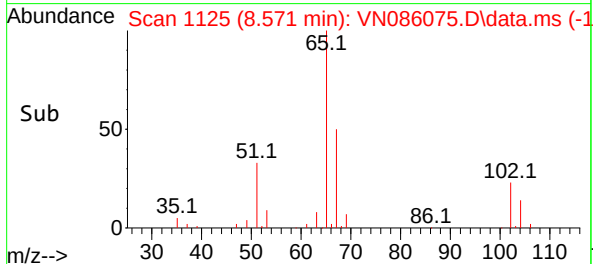
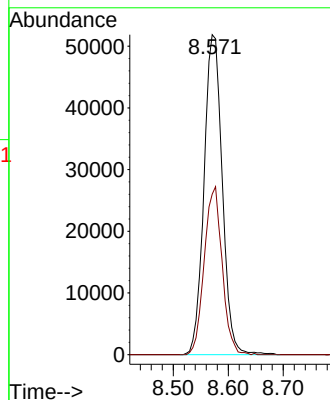
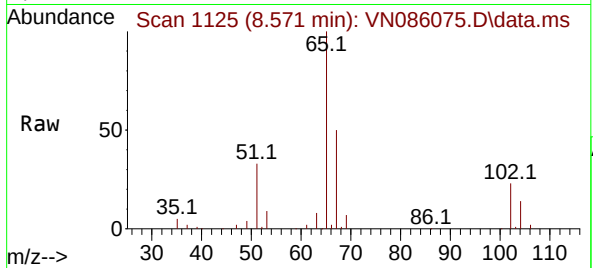




#33
 1,2-Dichloroethane-d4
 Concen: 50.560 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN086075.D
 Acq: 24 Mar 2025 16:25

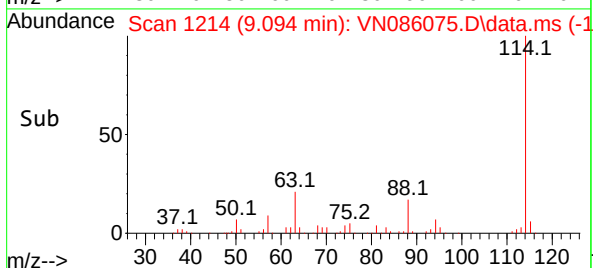
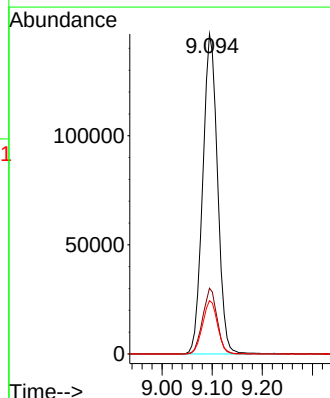
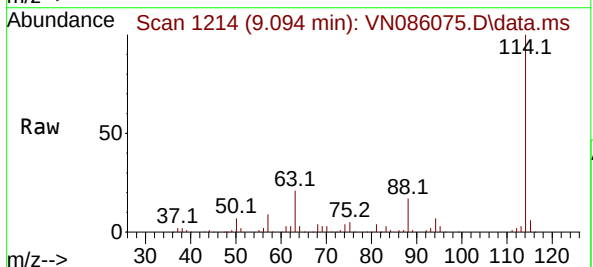
Instrument :
 MSVOA_N
 ClientSampleId :
 RT3025

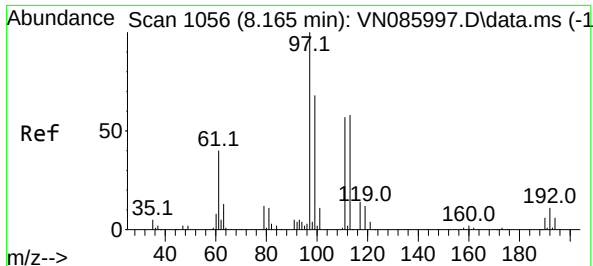
Tgt Ion: 65 Resp: 119847
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN086075.D
 Acq: 24 Mar 2025 16:25

Tgt Ion: 114 Resp: 300884
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.706 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086075.D

Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_N

ClientSampleId :

RT3025

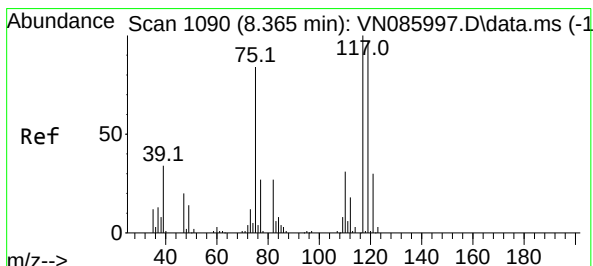
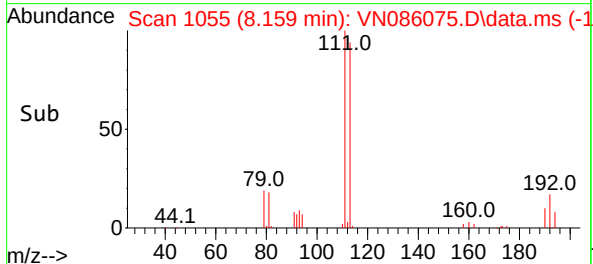
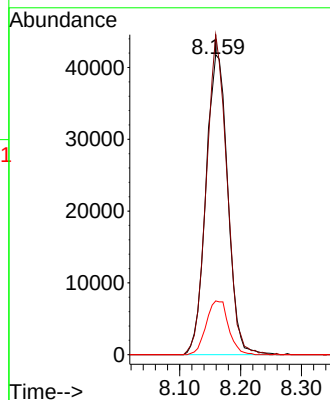
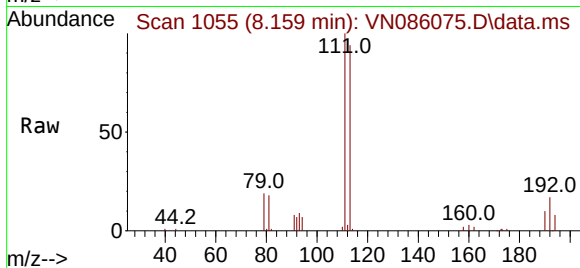
Tgt Ion:113 Resp: 104390

Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.8

192 18.3 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086075.D

Acq: 24 Mar 2025 16:25

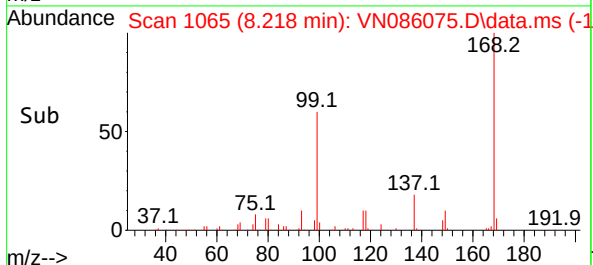
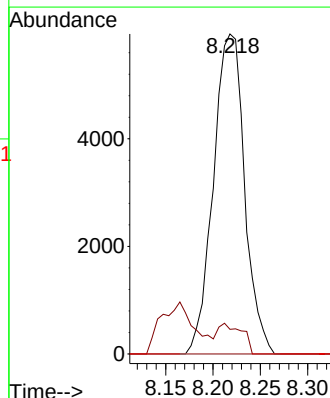
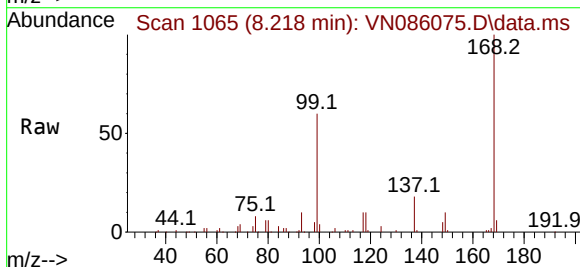
Tgt Ion: 75 Resp: 13649

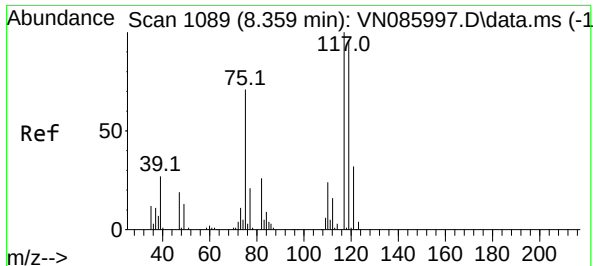
Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.3#

77 0.0 25.0 37.4#

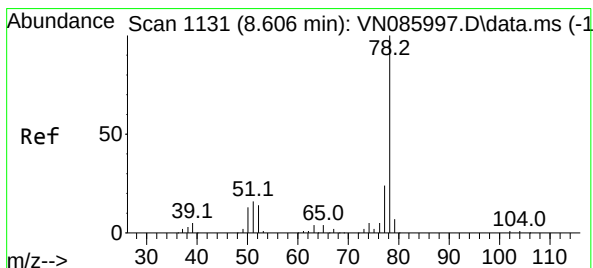
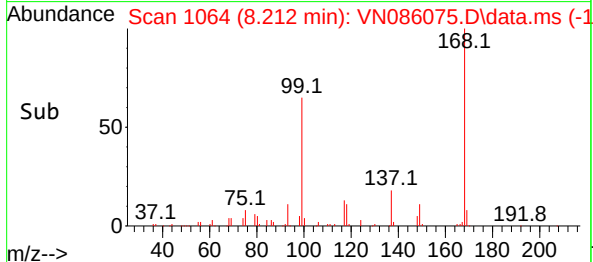
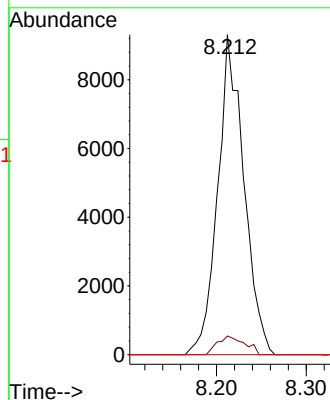
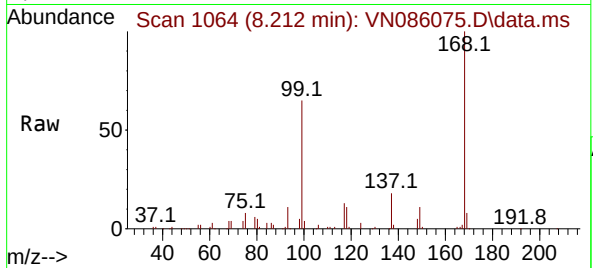




#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.147 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

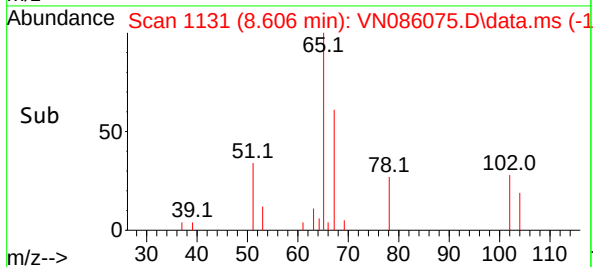
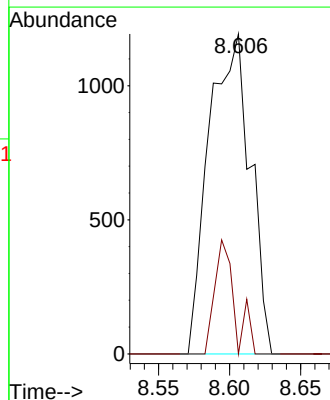
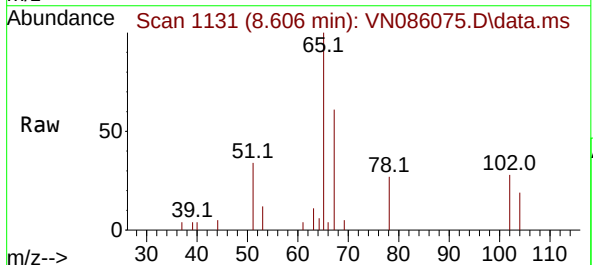
Instrument :
MSVOA_N
ClientSampleId :
RT3025

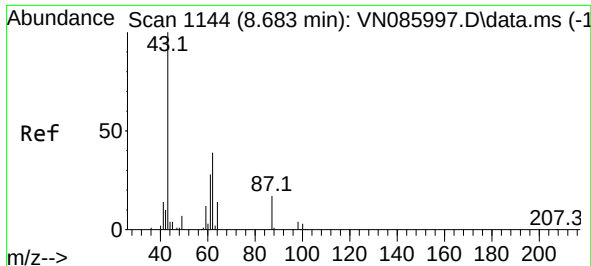
Tgt Ion:117 Resp: 18834
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.4#
121 0.0 25.6 38.4#



#40
Benzene
Concen: 0.279 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 78 Resp: 2418
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#





#43

Isopropyl Acetate

Concen: 0.687 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN086075.D

Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_N

ClientSampleId :

RT3025

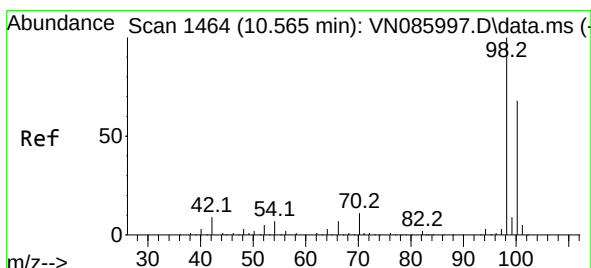
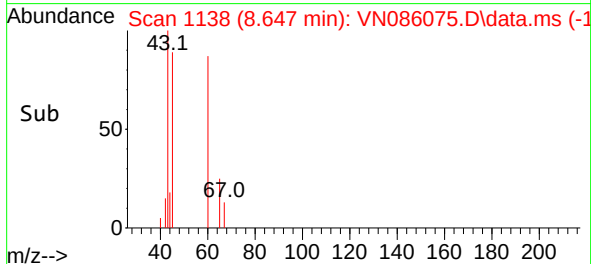
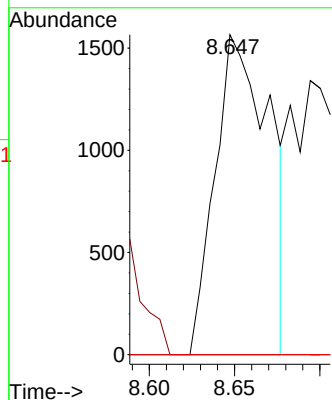
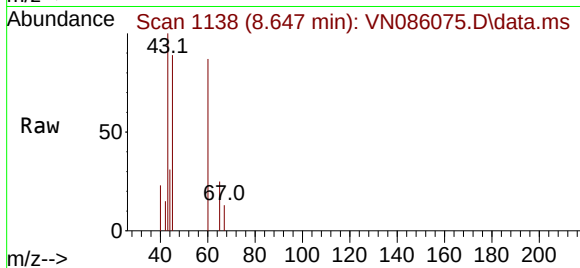
Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 13.0 19.4#



#50

Toluene-d8

Concen: 47.743 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086075.D

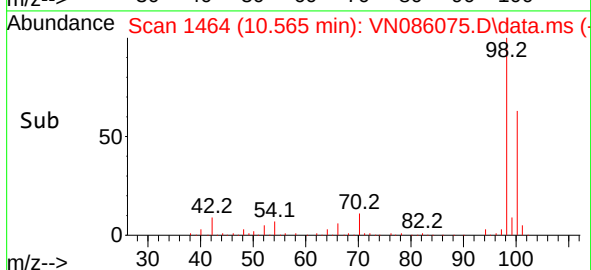
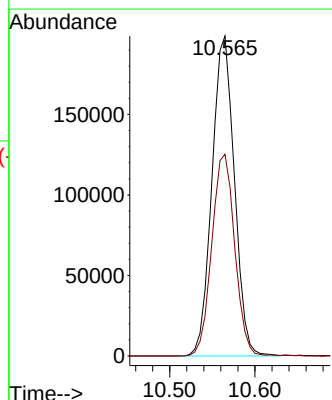
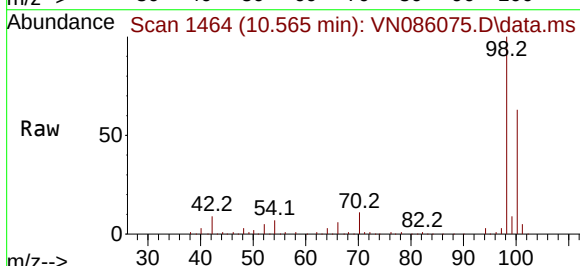
Acq: 24 Mar 2025 16:25

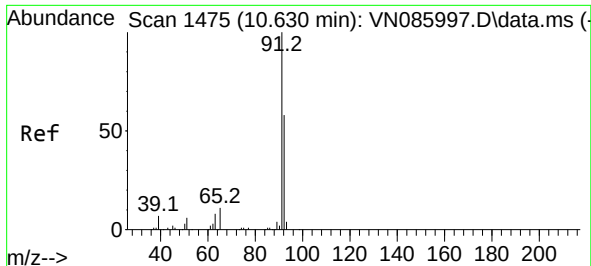
Tgt Ion: 98 Resp: 363898

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

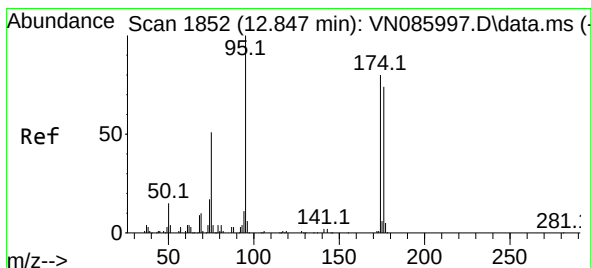
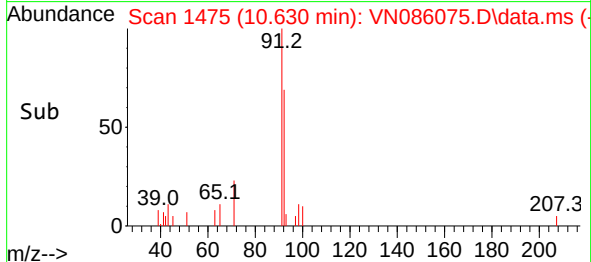
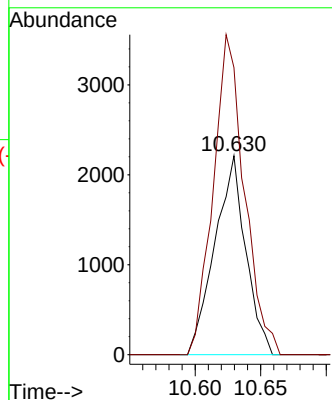
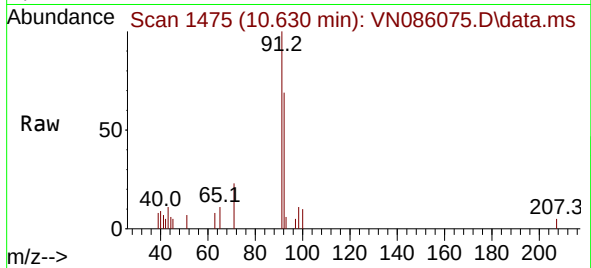




#52
Toluene
Concen: 0.681 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

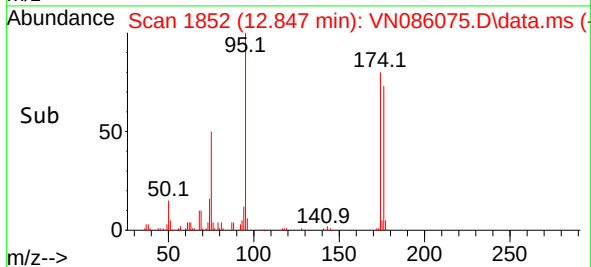
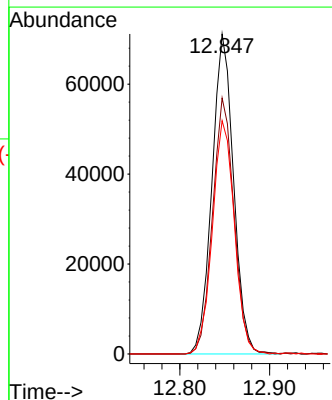
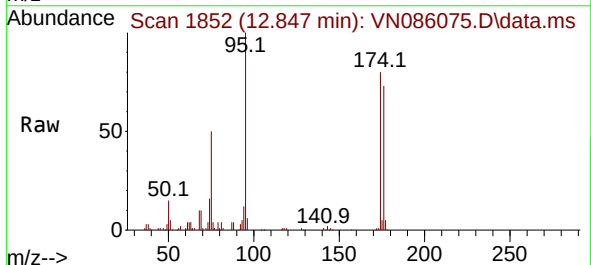
Instrument :
MSVOA_N
ClientSampleId :
RT3025

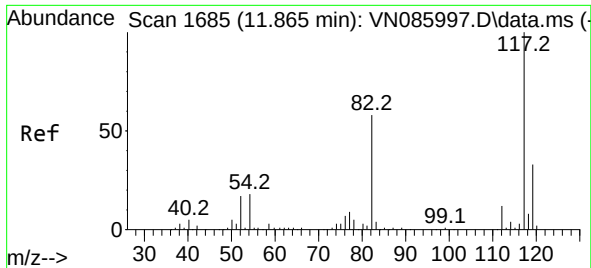
Tgt Ion: 92 Resp: 3626
Ion Ratio Lower Upper
92 100
91 162.2 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 43.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 95 Resp: 118596
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.8
176 74.3 0.0 152.2

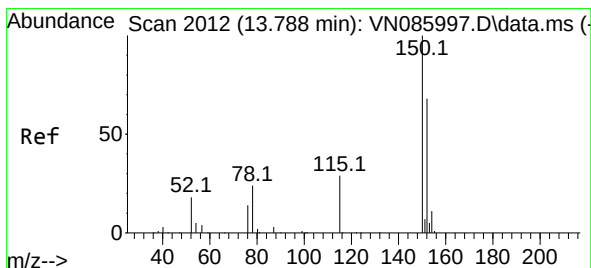
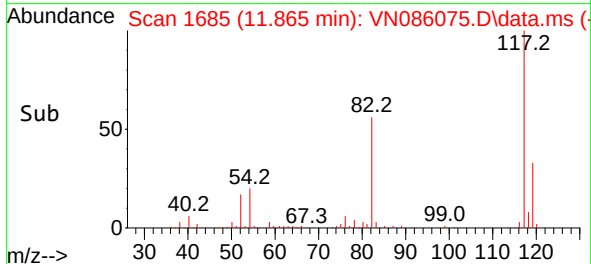
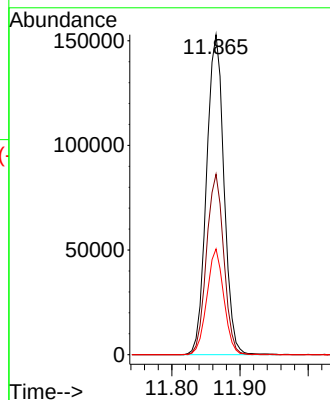
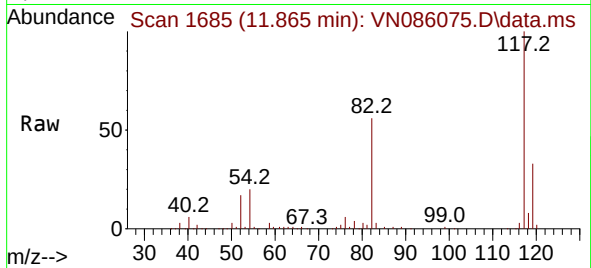




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

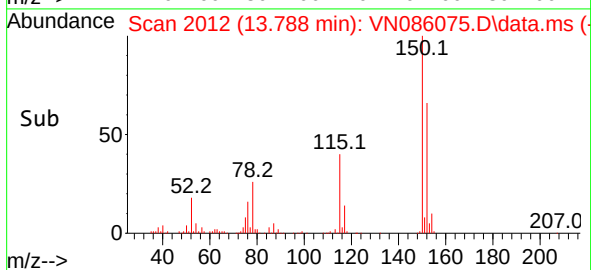
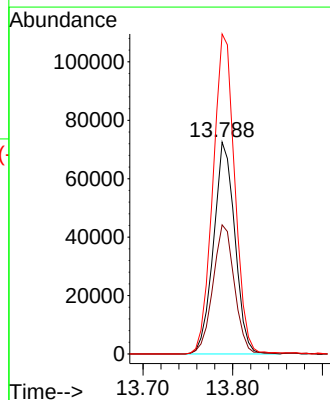
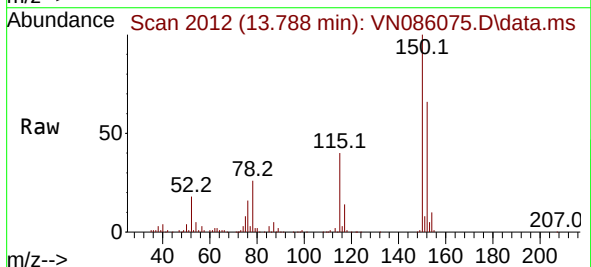
Instrument :
MSVOA_N
ClientSampleId :
RT3025

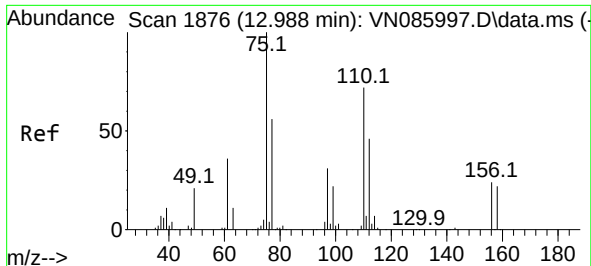
Tgt Ion:117 Resp: 272356
Ion Ratio Lower Upper
117 100
82 56.4 46.7 70.1
119 33.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion:152 Resp: 119572
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 154.9 0.0 359.6

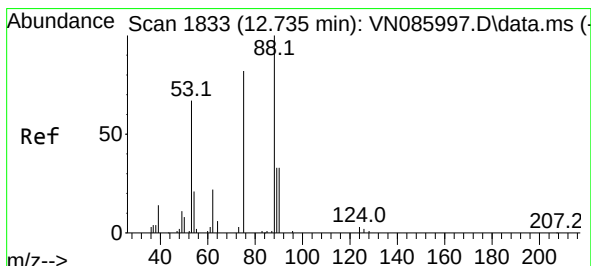
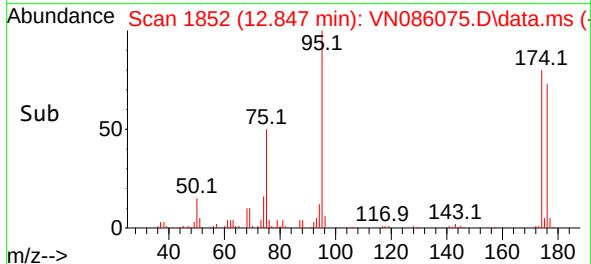
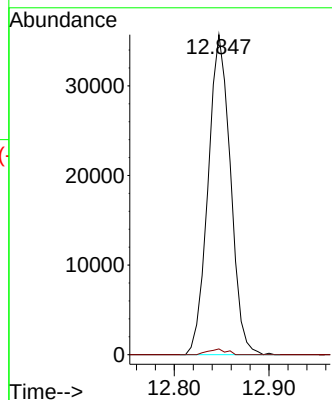
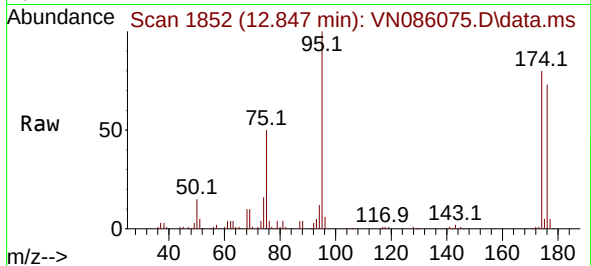




#76
1,2,3-Trichloropropane
Concen: 21.876 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

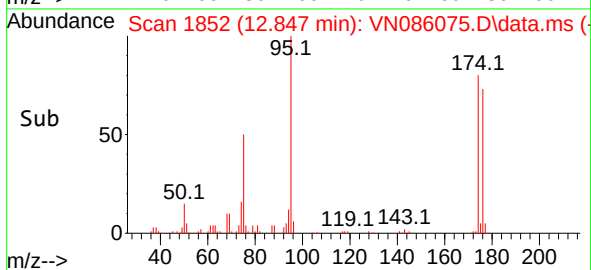
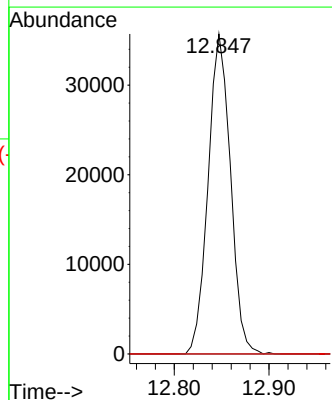
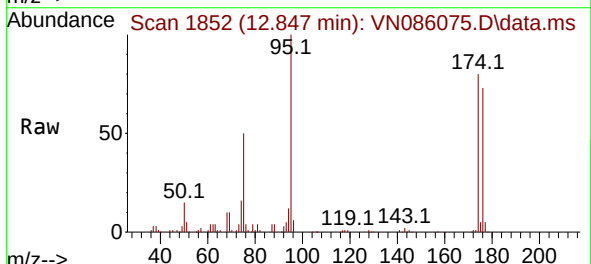
Instrument :
MSVOA_N
ClientSampleId :
RT3025

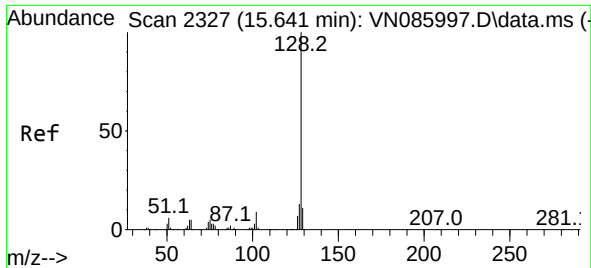
Tgt Ion: 75 Resp: 58562
Ion Ratio Lower Upper
75 100
77 1.5 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 75 Resp: 58562
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.869 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086075.D

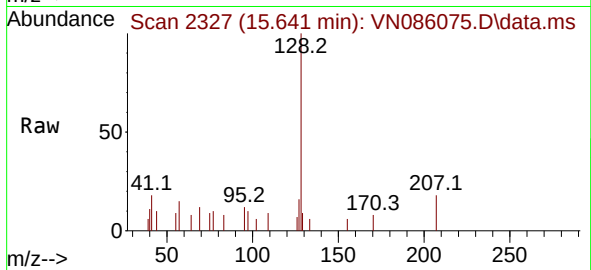
Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_N

ClientSampleId :

RT3025



Tgt Ion:	128	Resp:	5164
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	12.2	9.0	13.6

