

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086193.D
 Acq On : 01 Apr 2025 13:29
 Operator : JC\MD
 Sample : VN0401WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01

Quant Time: Apr 02 01:52:27 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	8.224	168	103379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	183913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	65170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	85684	60.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.060%	
35) Dibromofluoromethane	8.165	113	69132	53.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.700%	
50) Toluene-d8	10.565	98	220661	47.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	12.847	95	72749	43.785	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	1105	0.807	ug/l	97
3) Chloromethane	2.359	50	987	0.822	ug/l	92
4) Vinyl Chloride	2.506	62	757	0.617	ug/l #	61
5) Bromomethane	2.971	94	764	0.914	ug/l #	65
6) Chloroethane	3.118	64	401	0.518	ug/l #	39
7) Trichlorofluoromethane	3.494	101	1019	0.462	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	280	0.239	ug/l #	17
12) 1,1-Dichloroethene	4.324	96	267	0.252	ug/l #	1
16) Acetone	4.447	43	368	0.851	ug/l #	38
17) Carbon Disulfide	4.706	76	1916	0.550	ug/l #	74
18) Methyl Acetate	5.024	43	575	0.537	ug/l #	45
19) Methyl tert-butyl Ether	5.783	73	808	0.233	ug/l #	56
20) Methylene Chloride	5.283	84	457	0.361	ug/l #	61
21) trans-1,2-Dichloroethene	5.783	96	235	0.203	ug/l #	34
30) Chloroform	7.965	83	1139	0.498	ug/l #	64
31) Cyclohexane	8.224	56	2796	1.585	ug/l #	22
32) 1,1,1-Trichloroethane	8.165	97	1032	0.476	ug/l #	30
36) 1,1-Dichloropropene	8.229	75	8389	4.963	ug/l #	51
38) Carbon Tetrachloride	8.353	117	514	0.231	ug/l #	63
39) Methylcyclohexane	9.600	83	435	0.259	ug/l #	22
40) Benzene	8.606	78	1623	0.306	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	627	0.339	ug/l #	74
43) Isopropyl Acetate	8.665	43	1974	0.639	ug/l #	50
44) Trichloroethene	9.341	130	662	0.481	ug/l	44
45) 1,2-Dichloropropane	9.618	63	268	0.222	ug/l #	44
47) Bromodichloromethane	9.888	83	896	0.452	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	696	0.511	ug/l #	62
52) Toluene	10.623	92	1252	0.384	ug/l	89
53) t-1,3-Dichloropropene	10.829	75	582	0.302	ug/l #	54
54) cis-1,3-Dichloropropene	10.312	75	710	0.349	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	337	0.271	ug/l #	69
59) 2-Hexanone	11.194	43	478	0.481	ug/l #	41
60) Dibromochloromethane	11.365	129	379	0.236	ug/l	89
61) 1,2-Dibromoethane	11.465	107	353	0.277	ug/l #	78
64) Tetrachloroethene	11.106	164	327	0.248	ug/l #	68
65) Chlorobenzene	11.894	112	1352	0.357	ug/l #	80

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

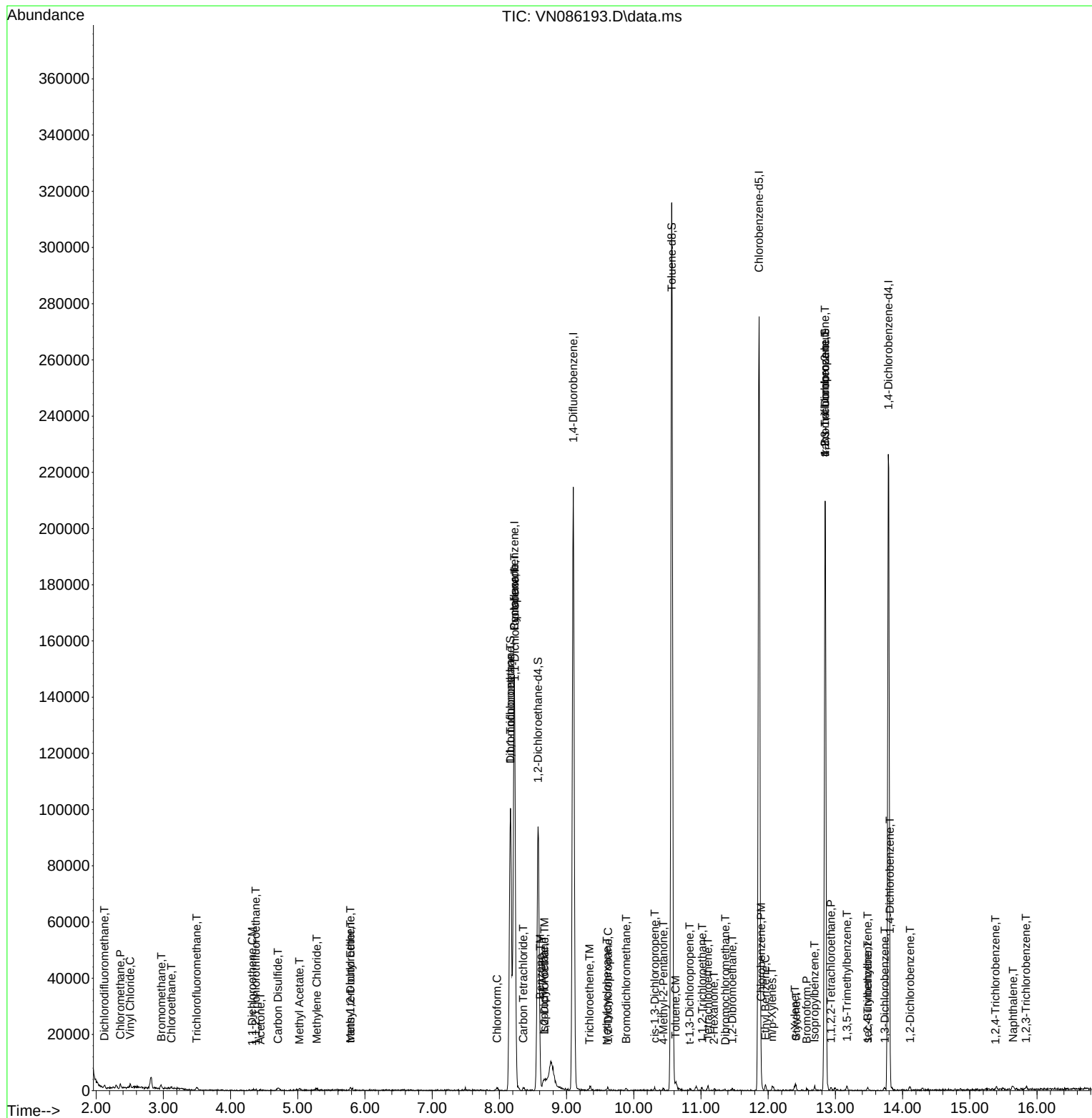
67) Ethyl Benzene	11.959	91	1697	0.280	ug/l	95
68) m/p-Xylenes	12.059	106	746	0.313	ug/l	95
69) o-Xylene	12.400	106	555	0.254	ug/l	84
70) Styrene	12.417	104	1024	0.274	ug/l #	76
71) Bromoform	12.570	173	427	0.363	ug/l #	28
73) Isopropylbenzene	12.688	105	1460	0.328	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.935	83	669	0.444	ug/l #	93
76) 1,2,3-Trichloropropane	12.847	75	37330	25.585	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	1456	0.388	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.847	75	37330	67.644	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.482	105	1117	0.295	ug/l	83
85) sec-Butylbenzene	13.482	105	1117	0.266	ug/l #	56
87) 1,3-Dichlorobenzene	13.735	146	860	0.384	ug/l #	78
88) 1,4-Dichlorobenzene	13.811	146	1014	0.431	ug/l #	62
91) 1,2-Dichlorobenzene	14.111	146	883	0.397	ug/l	95
93) 1,2,4-Trichlorobenzene	15.382	180	596	0.533	ug/l #	60
95) Naphthalene	15.647	128	2072	0.640	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	437	0.412	ug/l #	59

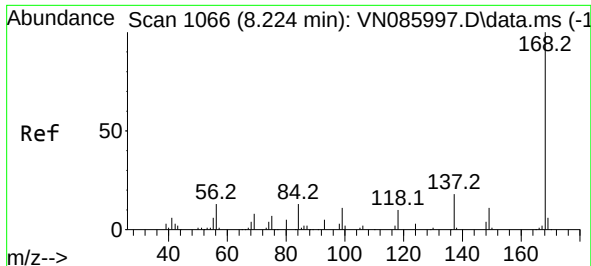
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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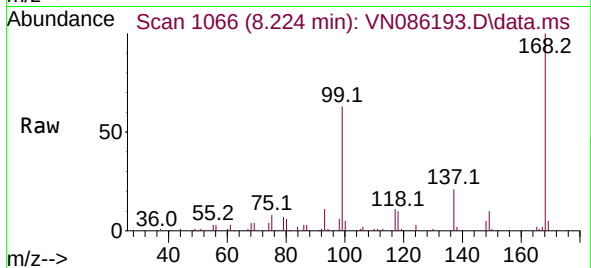
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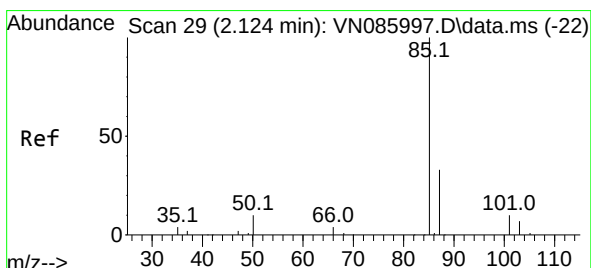
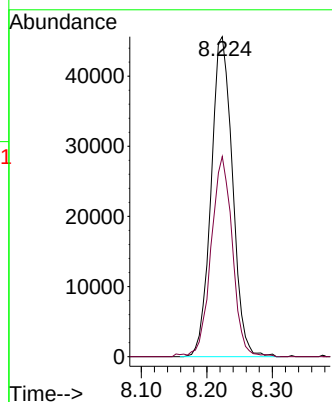
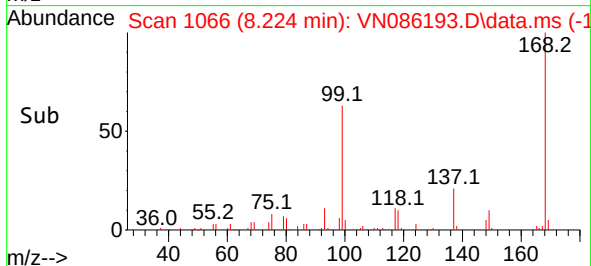


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :
VN0401WBL01

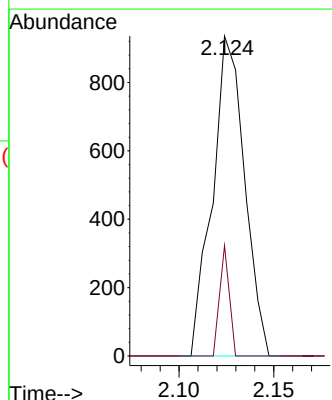
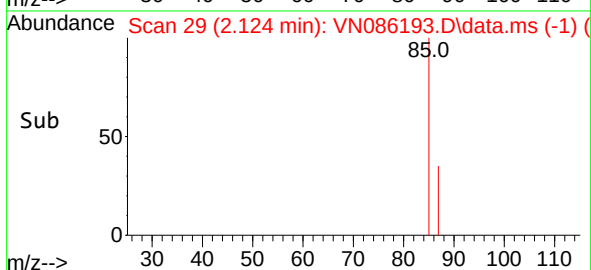
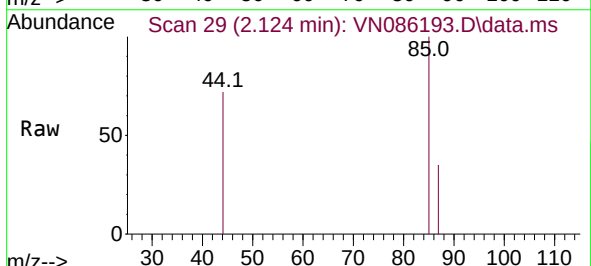


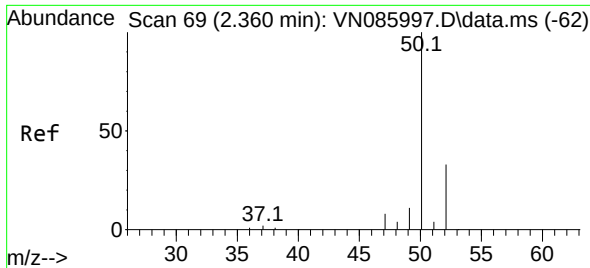
Tgt Ion:168 Resp: 103379
Ion Ratio Lower Upper
168 100
99 62.6 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 0.807 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 85 Resp: 1105
Ion Ratio Lower Upper
85 100
87 34.5 16.5 49.5

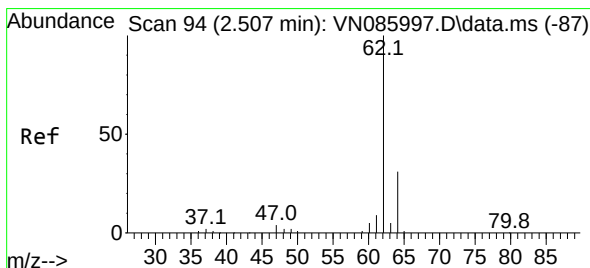
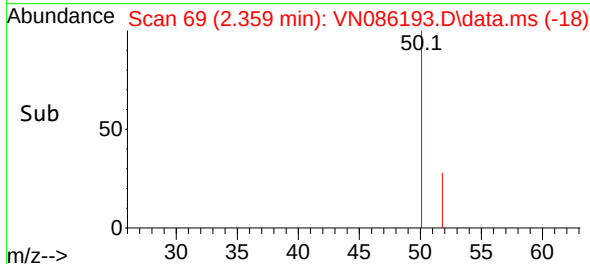
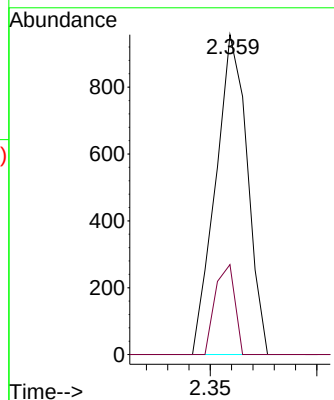
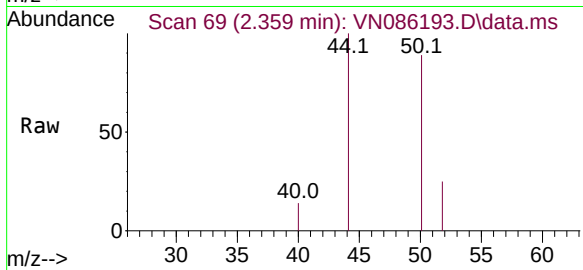




#3
Chloromethane
Concen: 0.822 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

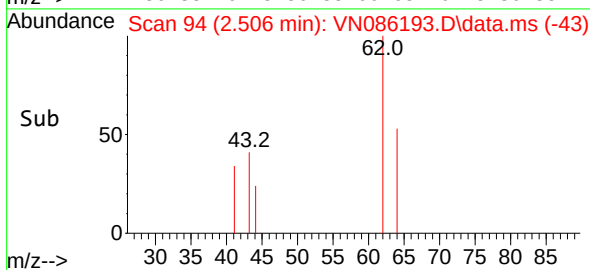
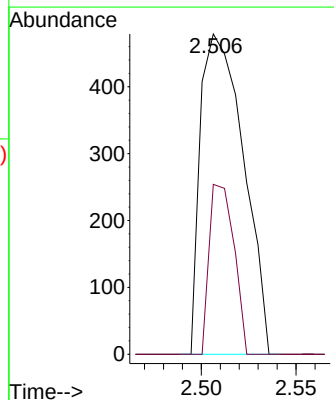
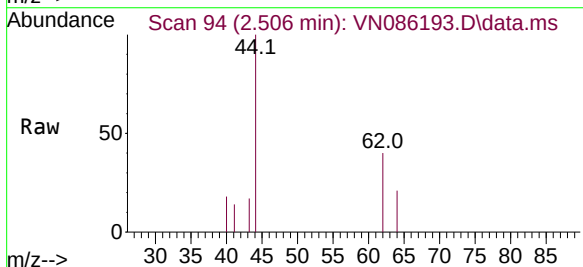
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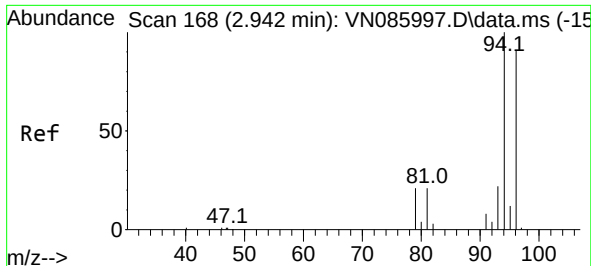
Tgt Ion: 50 Resp: 987
Ion Ratio Lower Upper
50 100
52 28.1 26.0 39.0



#4
Vinyl Chloride
Concen: 0.617 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 62 Resp: 757
Ion Ratio Lower Upper
62 100
64 53.0 25.2 37.8#





#5

Bromomethane

Concen: 0.914 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

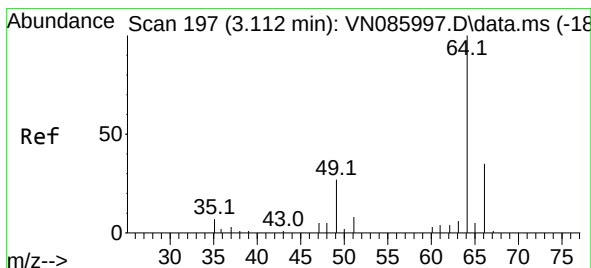
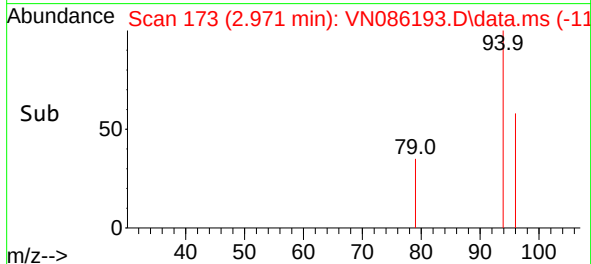
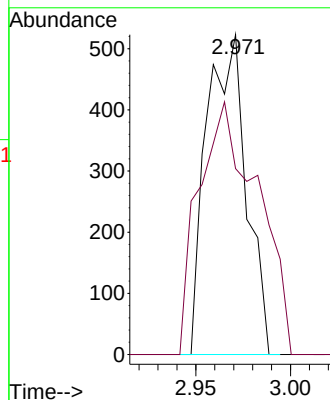
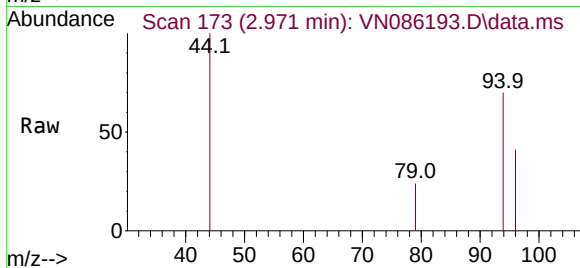
VN0401WBL01

Tgt Ion: 94 Resp: 764

Ion Ratio Lower Upper

94 100

96 58.1 72.8 109.2#



#6

Chloroethane

Concen: 0.518 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN086193.D

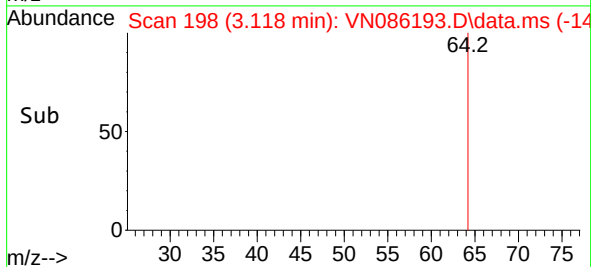
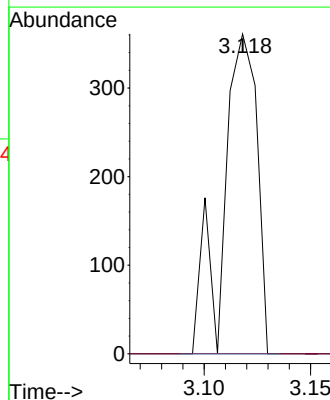
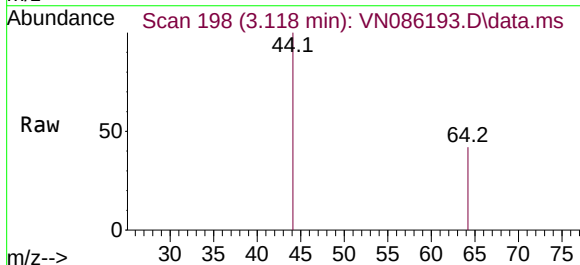
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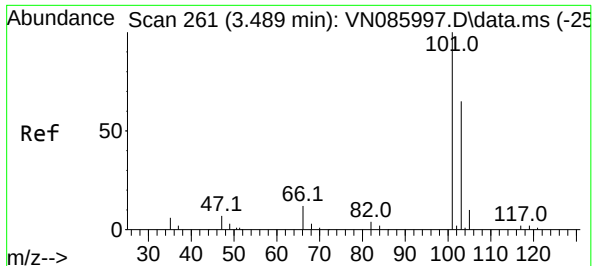
Tgt Ion: 64 Resp: 401

Ion Ratio Lower Upper

64 100

66 0.0 28.3 42.5#

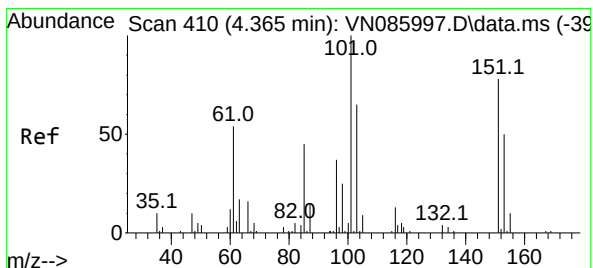
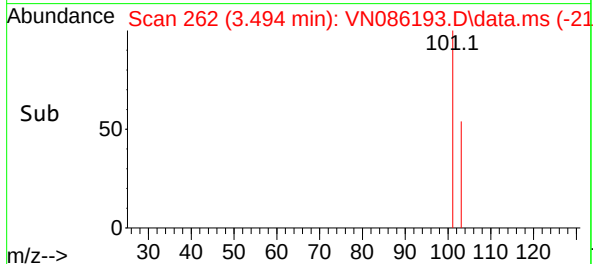
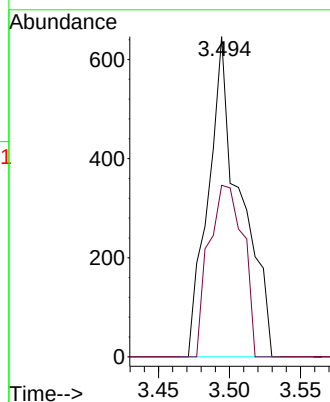
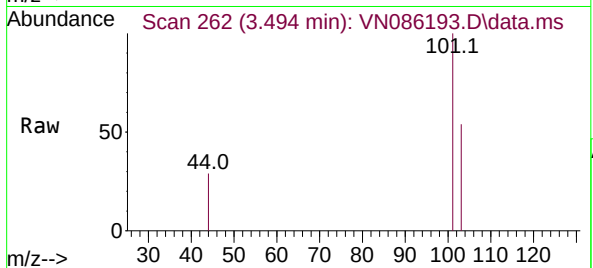




#7
 Trichlorofluoromethane
 Concen: 0.462 ug/l
 RT: 3.494 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

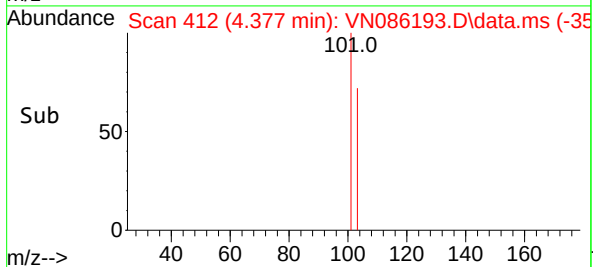
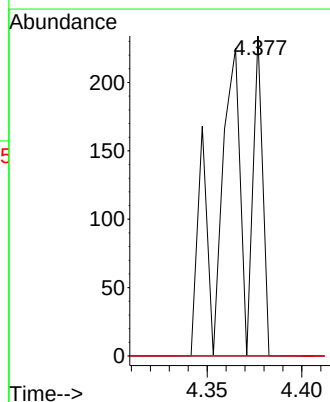
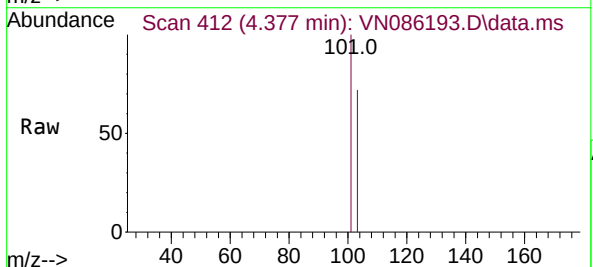
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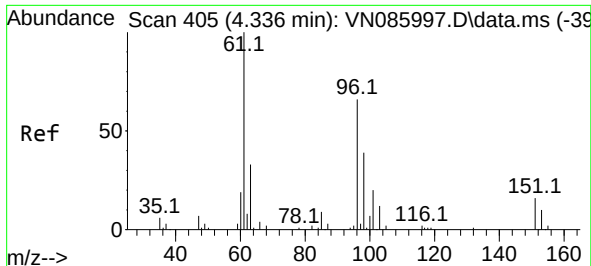
Tgt Ion:101 Resp: 1019
 Ion Ratio Lower Upper
 101 100
 103 53.6 51.7 77.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.239 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. 0.011 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

Tgt Ion:101 Resp: 280
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.5 54.7#
 151 0.0 63.4 95.0#

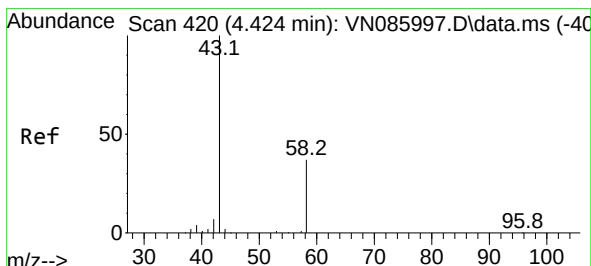
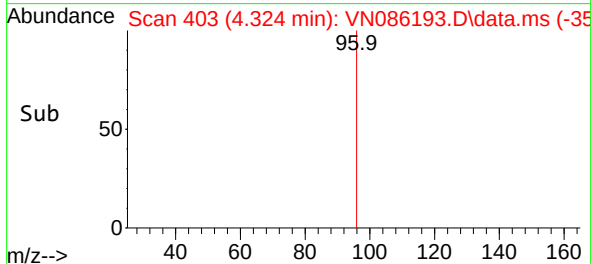
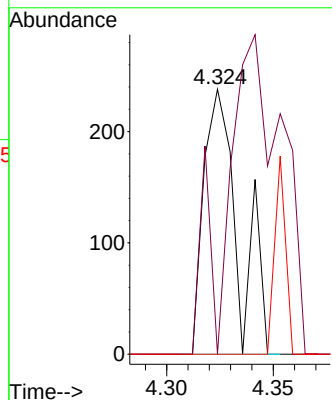
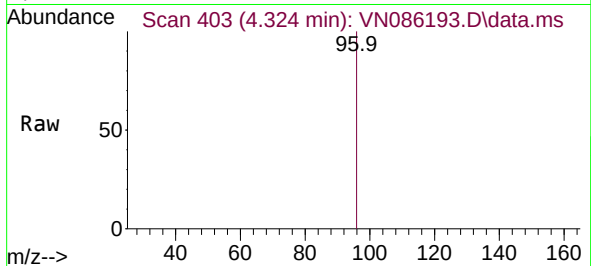




#12
 1,1-Dichloroethene
 Concen: 0.252 ug/l
 RT: 4.324 min Scan# 405
 Delta R.T. -0.012 min
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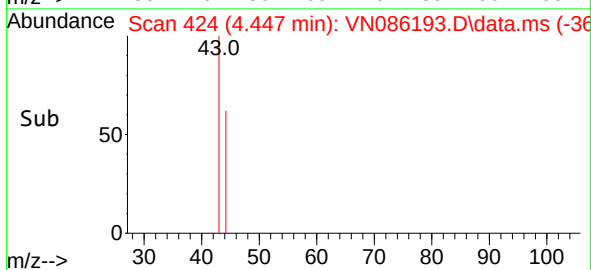
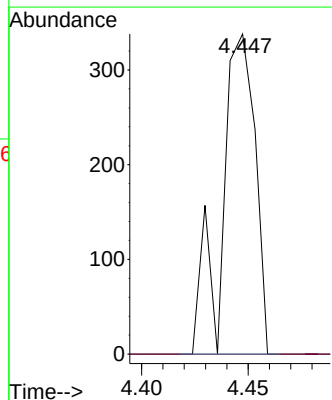
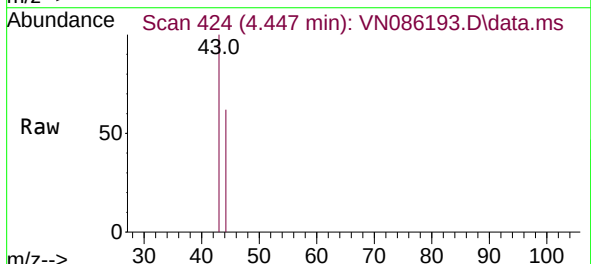
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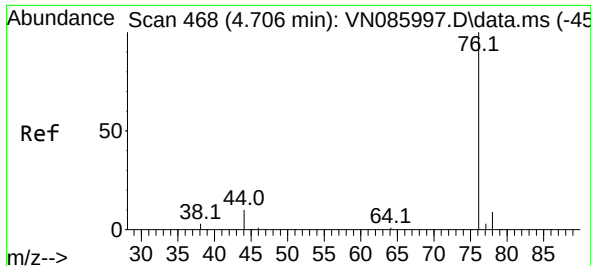
Tgt Ion: 96 Resp: 267
 Ion Ratio Lower Upper
 96 100
 61 0.0 120.5 180.7#
 98 0.0 47.4 71.0#



#16
 Acetone
 Concen: 0.851 ug/l
 RT: 4.447 min Scan# 424
 Delta R.T. 0.023 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

Tgt Ion: 43 Resp: 368
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.2#

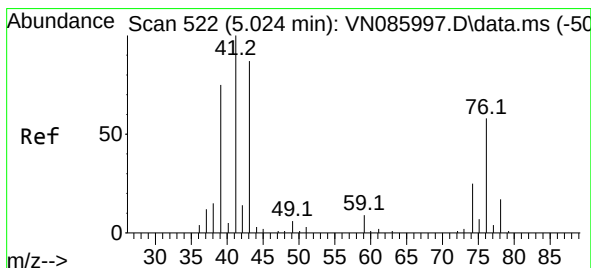
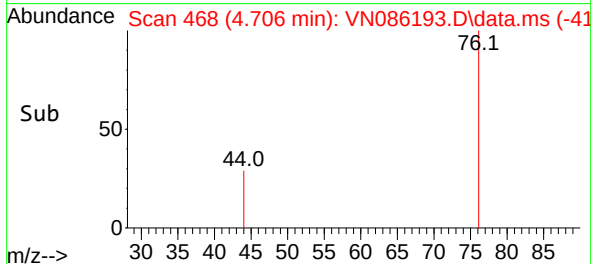
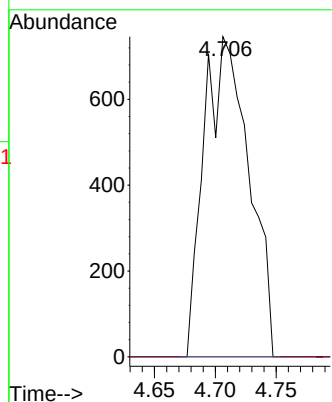
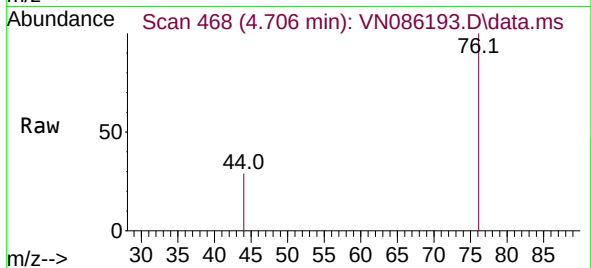




#17
Carbon Disulfide
Concen: 0.550 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086193.D
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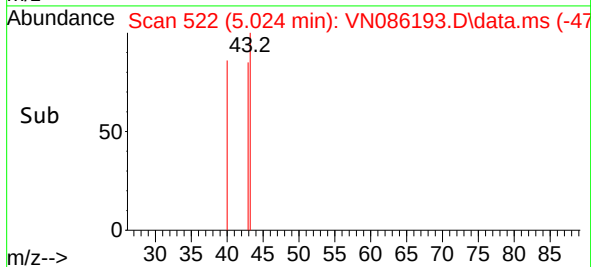
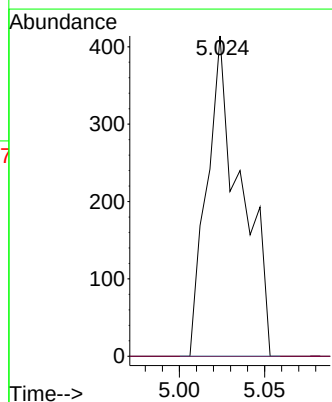
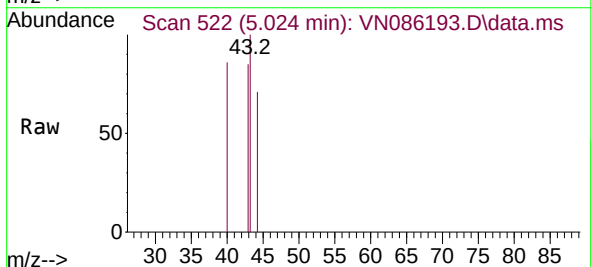
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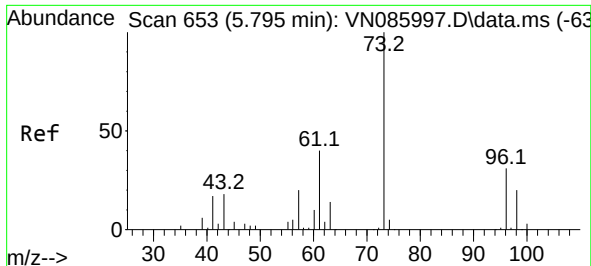
Tgt Ion: 76 Resp: 1916
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.537 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#

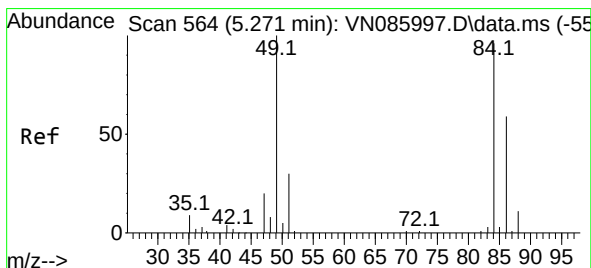
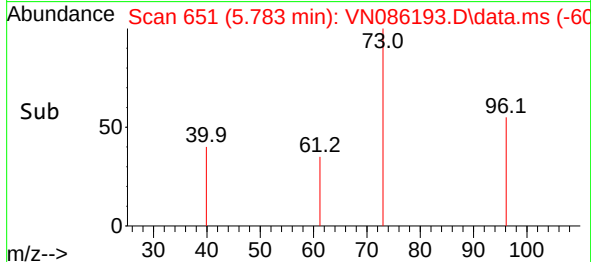
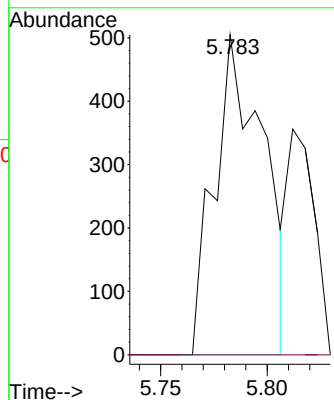
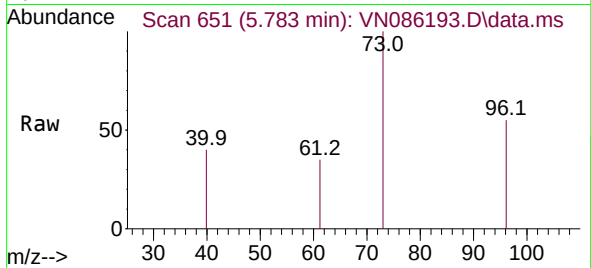




#19
Methyl tert-butyl Ether
Concen: 0.233 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

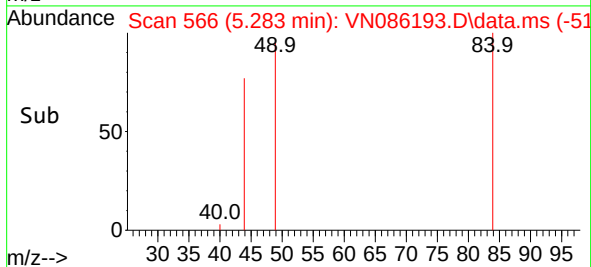
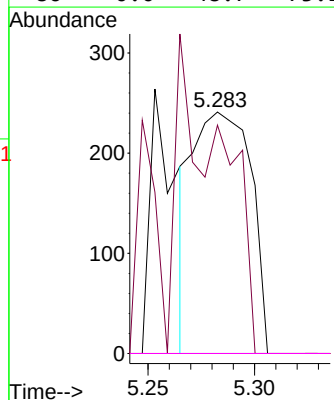
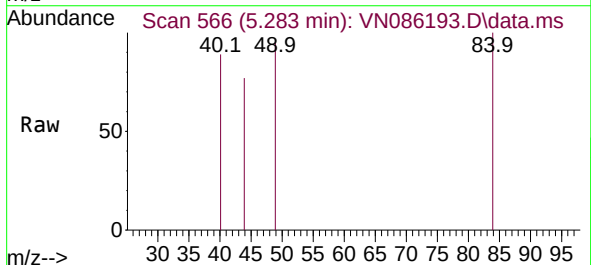
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

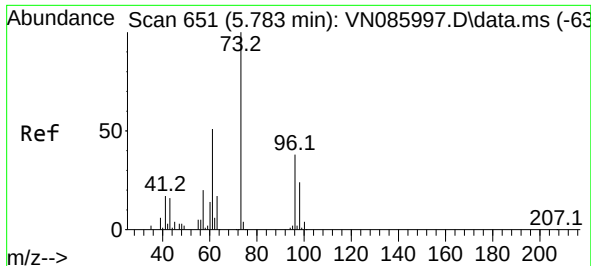
Tgt Ion: 73 Resp: 808
Ion Ratio Lower Upper
73 100
57 0.0 16.1 24.1#



#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 84 Resp: 457
Ion Ratio Lower Upper
84 100
49 94.6 83.3 124.9
51 0.0 24.8 37.2#
86 0.0 48.7 73.1#

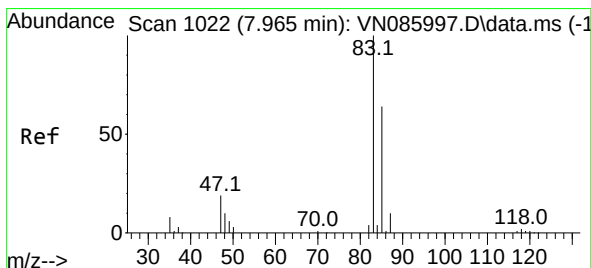
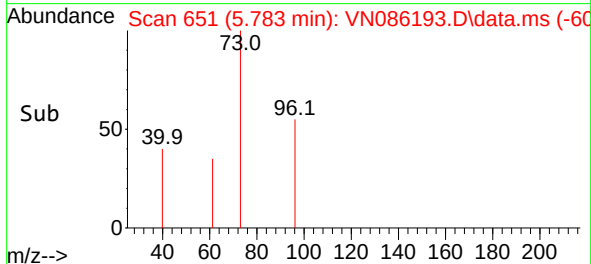
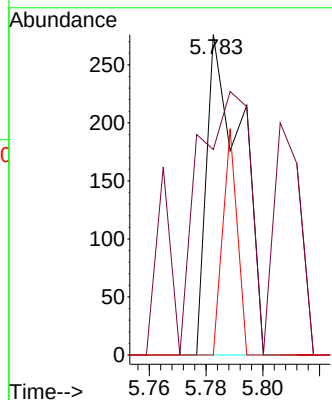
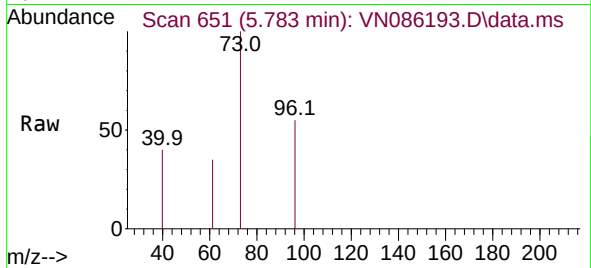




#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

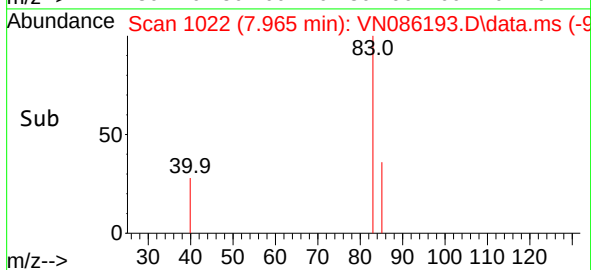
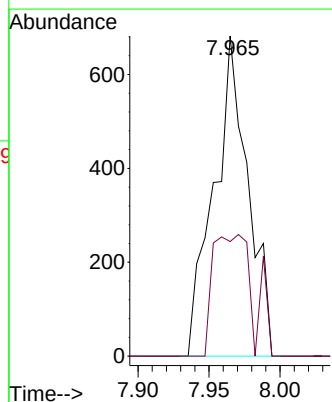
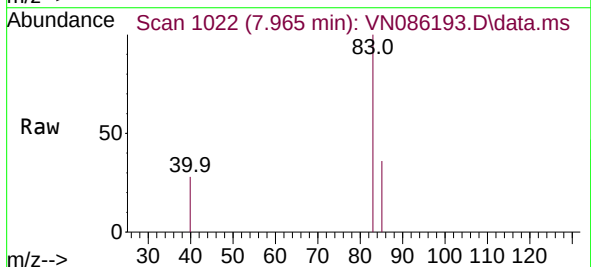
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

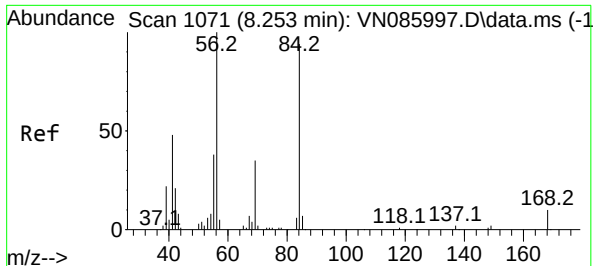
Tgt Ion: 96 Resp: 235
Ion Ratio Lower Upper
96 100
61 64.1 106.6 160.0#
98 0.0 50.0 75.0#



#30
Chloroform
Concen: 0.498 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

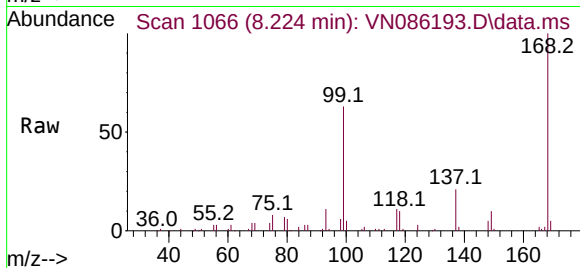
Tgt Ion: 83 Resp: 1139
Ion Ratio Lower Upper
83 100
85 35.8 51.5 77.3#



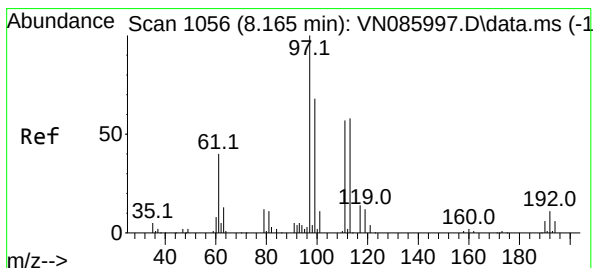
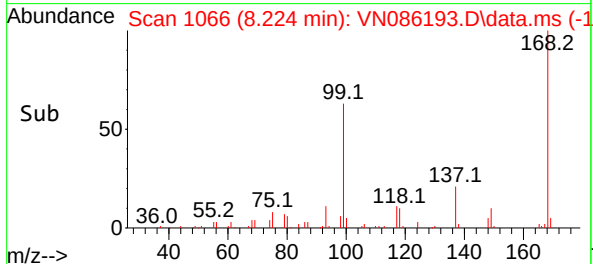
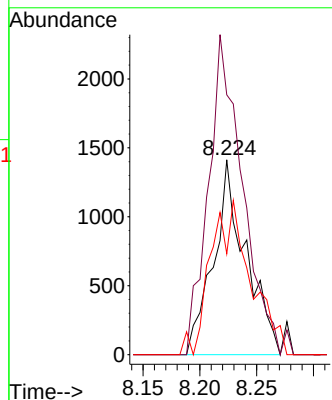


#31
Cyclohexane
Concen: 1.585 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

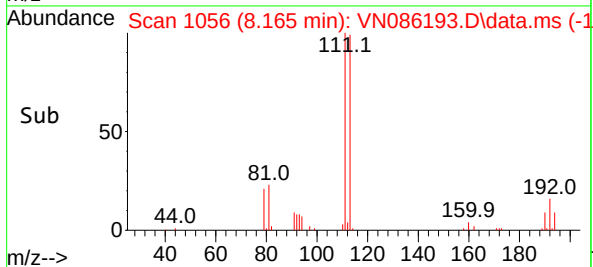
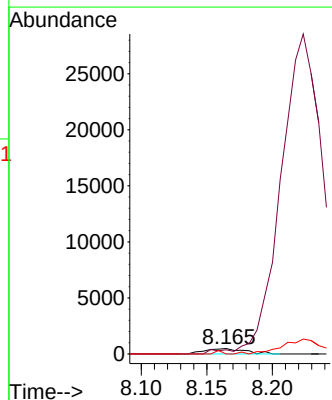
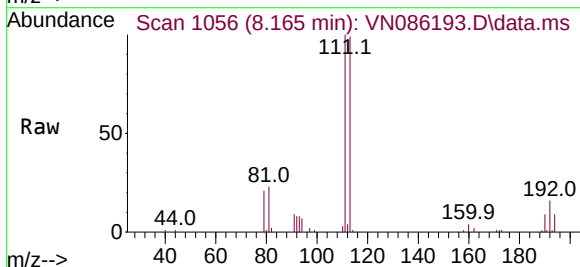


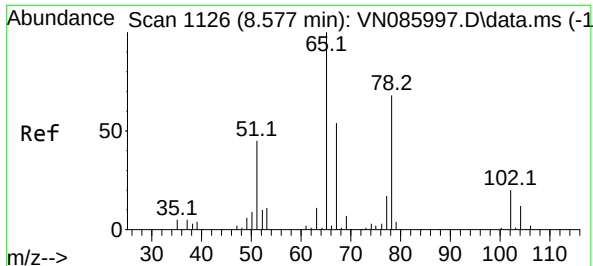
Tgt Ion: 56 Resp: 2796
Ion Ratio Lower Upper
56 100
69 133.4 28.0 42.0#
84 51.8 75.0 112.6#



#32
1,1,1-Trichloroethane
Concen: 0.476 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 97 Resp: 1032
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2#
61 10.6 33.6 50.4#





#33

1,2-Dichloroethane-d4

Concen: 60.528 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

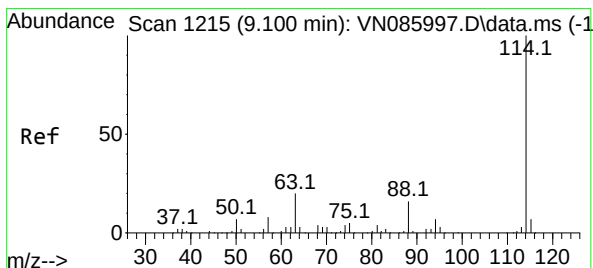
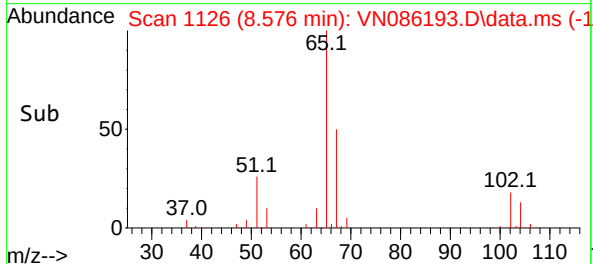
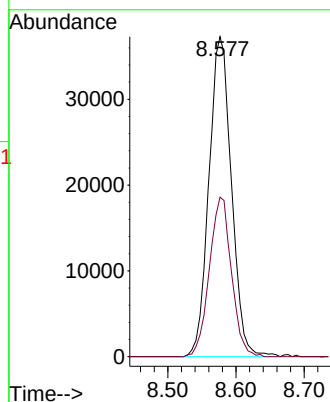
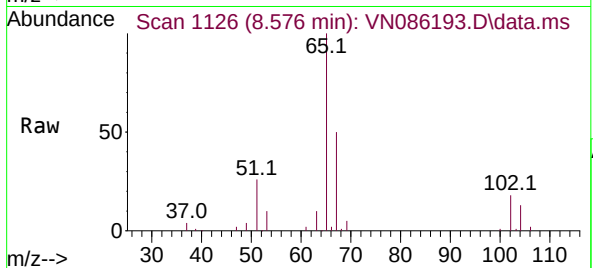
VN0401WBL01

Tgt Ion: 65 Resp: 85684

Ion Ratio Lower Upper

65 100

67 48.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

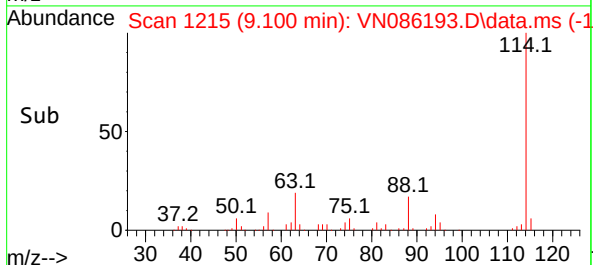
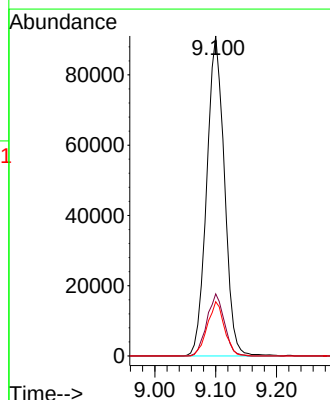
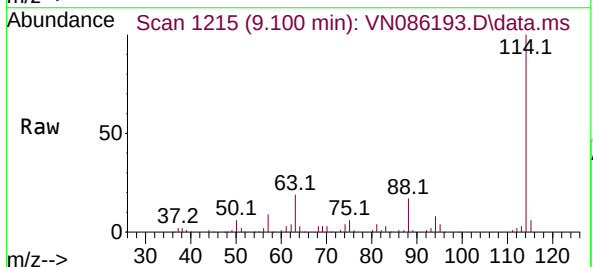
Tgt Ion: 114 Resp: 183913

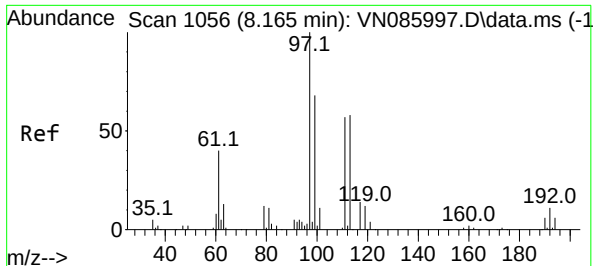
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.854 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

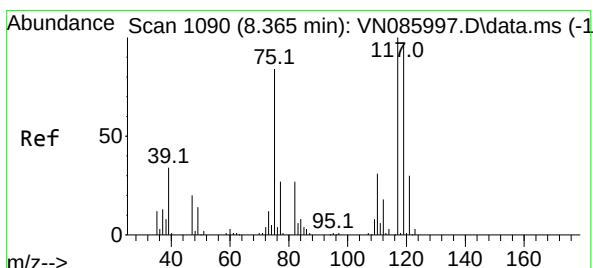
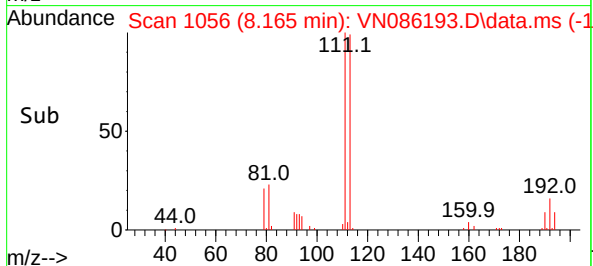
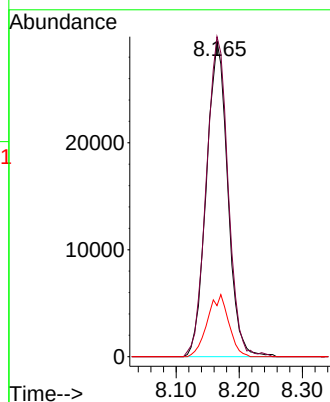
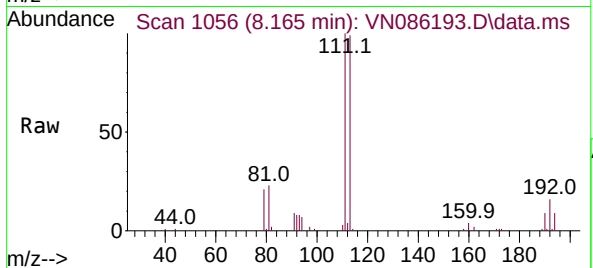
Tgt Ion:113 Resp: 69132

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 19.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.963 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

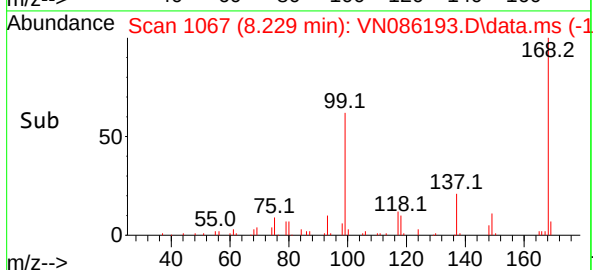
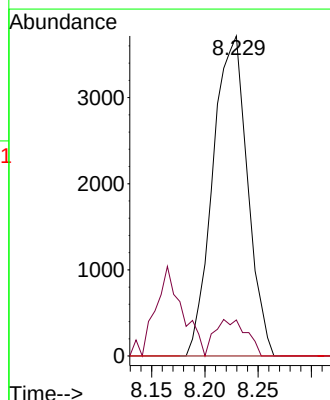
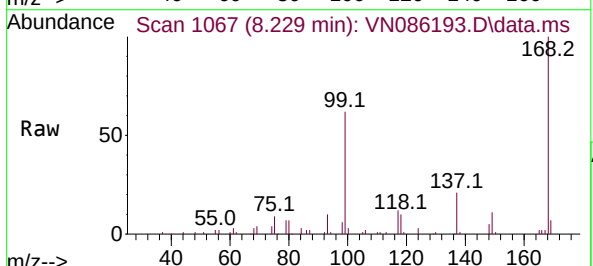
Tgt Ion: 75 Resp: 8389

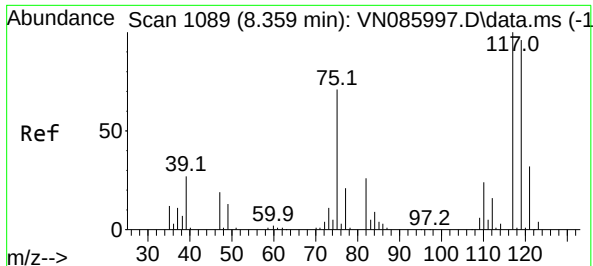
Ion Ratio Lower Upper

75 100

110 10.5 17.8 53.3#

77 0.0 25.0 37.4#

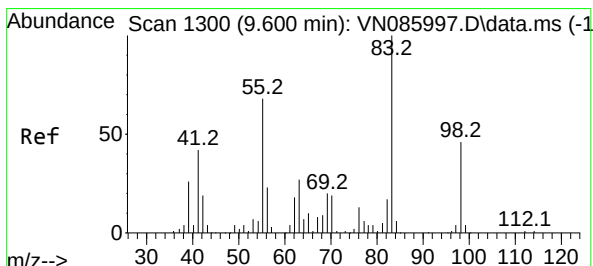
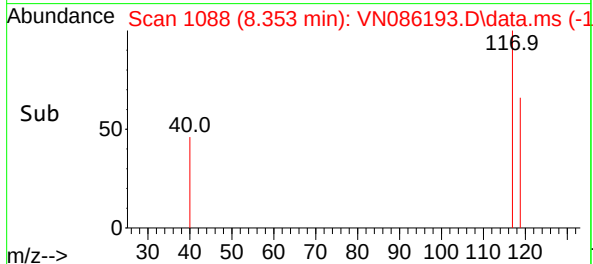
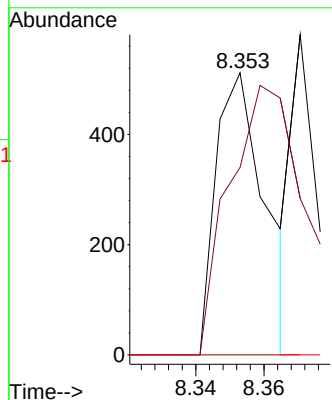
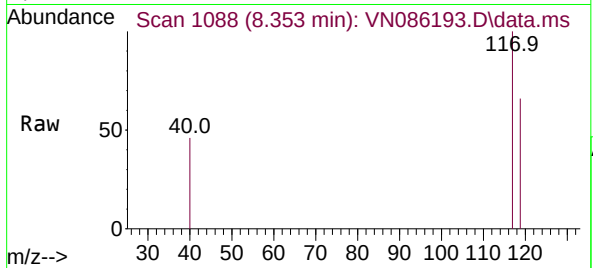




#38
Carbon Tetrachloride
Concen: 0.231 ug/l
RT: 8.353 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

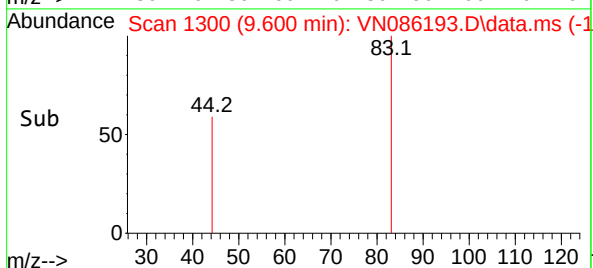
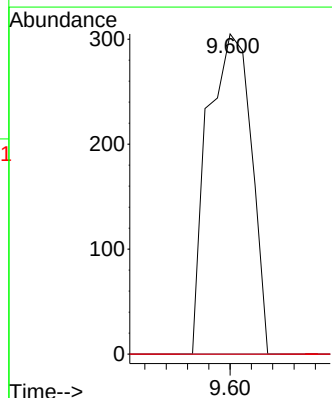
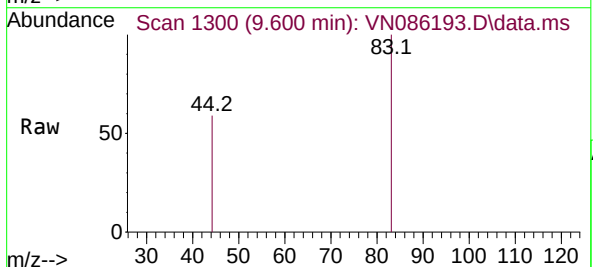
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

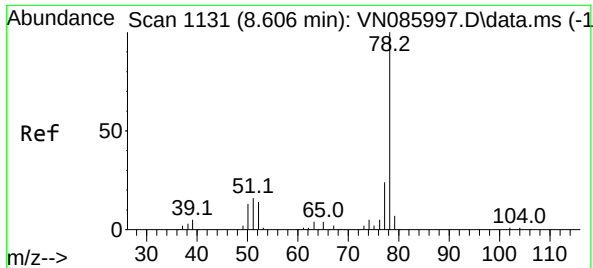
Tgt Ion:117 Resp: 514
Ion Ratio Lower Upper
117 100
119 66.4 77.0 115.4#
121 0.0 25.6 38.4#



#39
Methylcyclohexane
Concen: 0.259 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 83 Resp: 435
Ion Ratio Lower Upper
83 100
55 0.0 54.2 81.2#
98 0.0 37.1 55.7#

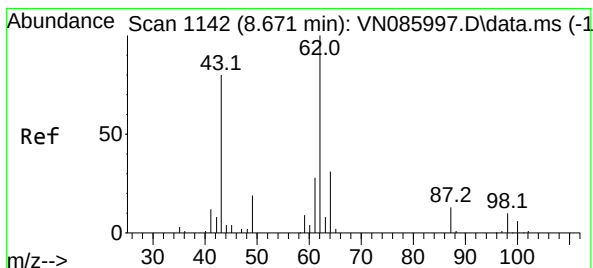
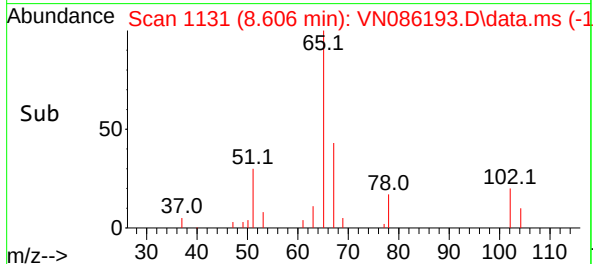
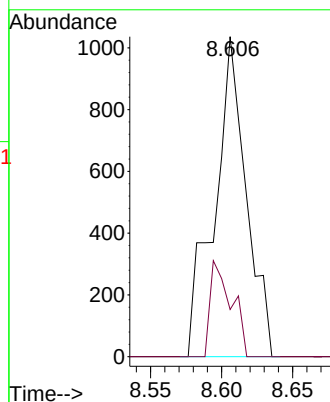
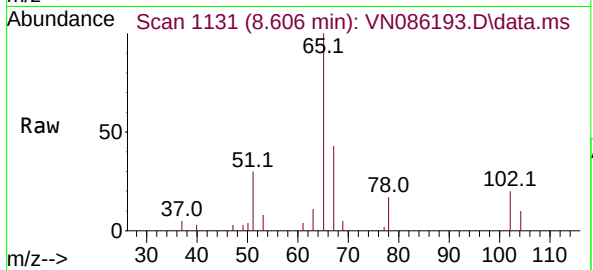




#40
Benzene
Concen: 0.306 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

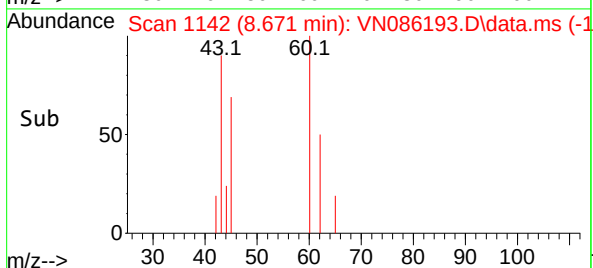
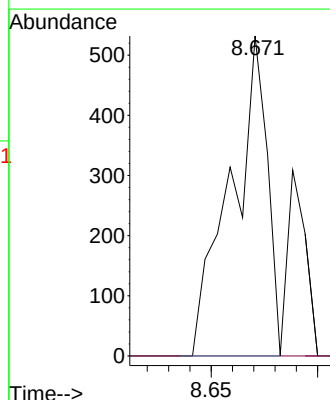
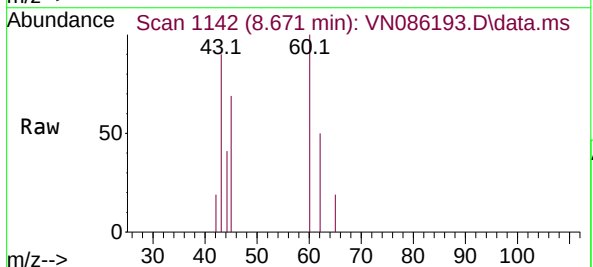
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

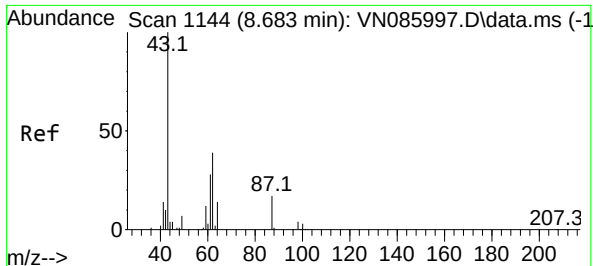
Tgt Ion: 78 Resp: 1623
Ion Ratio Lower Upper
78 100
77 14.8 18.9 28.3#



#42
1,2-Dichloroethane
Concen: 0.339 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 62 Resp: 627
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.639 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.018 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

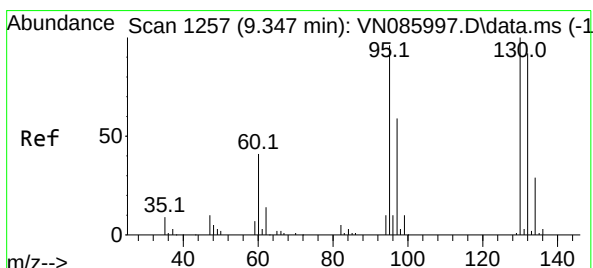
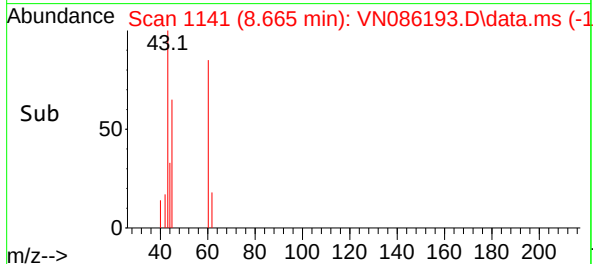
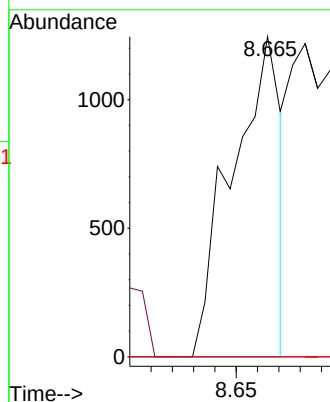
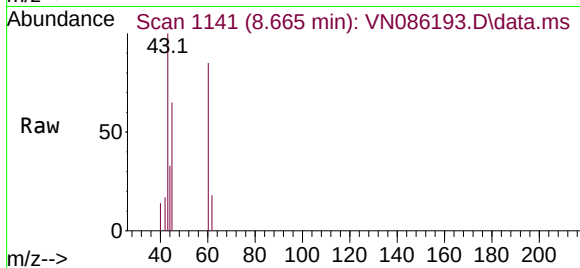
Tgt Ion: 43 Resp: 1974

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 13.0 19.4#



#44

Trichloroethene

Concen: 0.481 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. -0.006 min

Lab File: VN086193.D

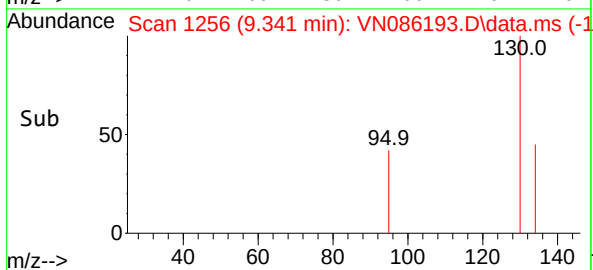
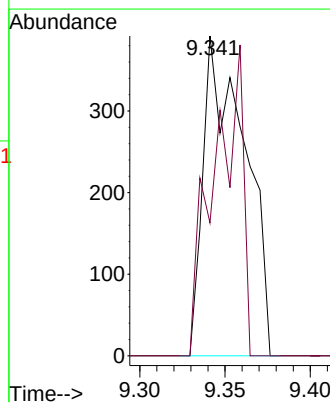
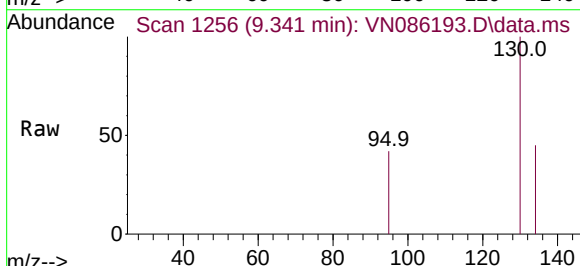
Acq: 01 Apr 2025 13:29

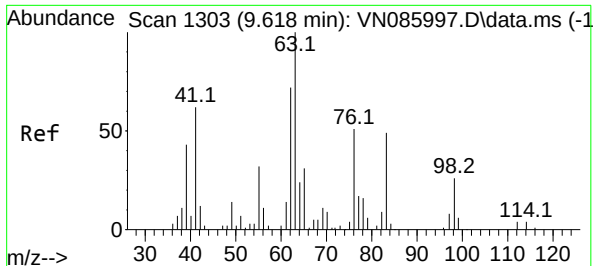
Tgt Ion:130 Resp: 662

Ion Ratio Lower Upper

130 100

95 41.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 0.222 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

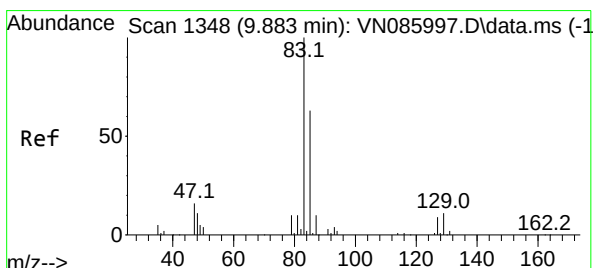
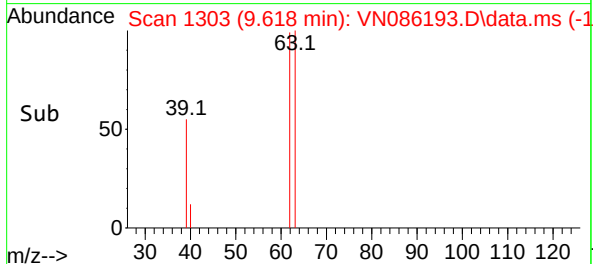
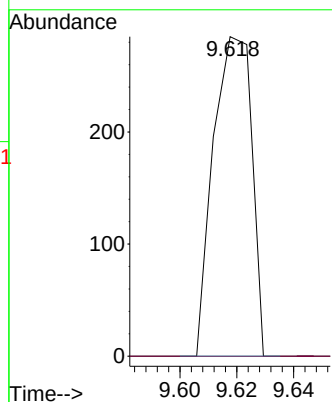
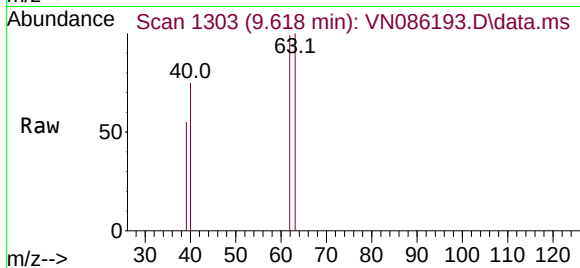
VN0401WBL01

Tgt Ion: 63 Resp: 268

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#47

Bromodichloromethane

Concen: 0.452 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

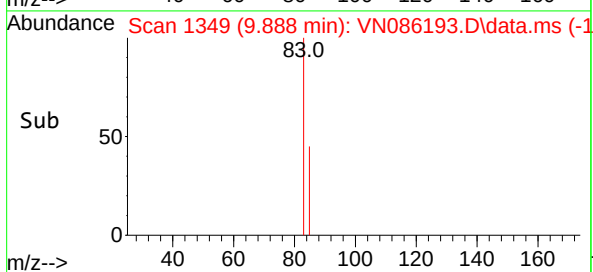
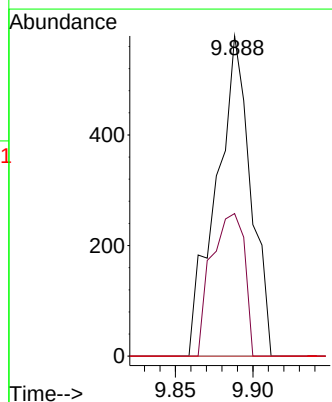
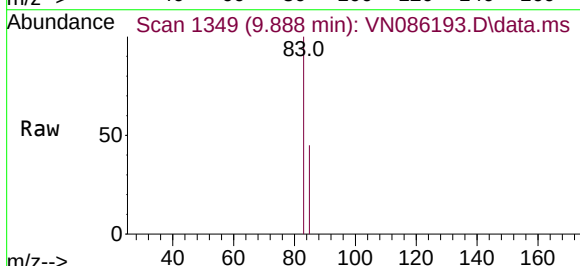
Tgt Ion: 83 Resp: 896

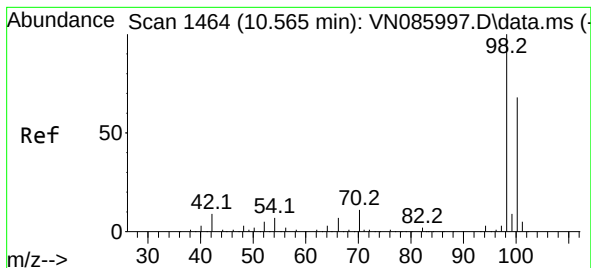
Ion Ratio Lower Upper

83 100

85 44.6 50.2 75.2#

127 0.0 7.1 10.7#





#50

Toluene-d8

Concen: 47.363 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

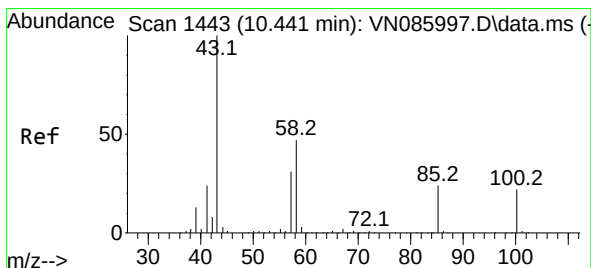
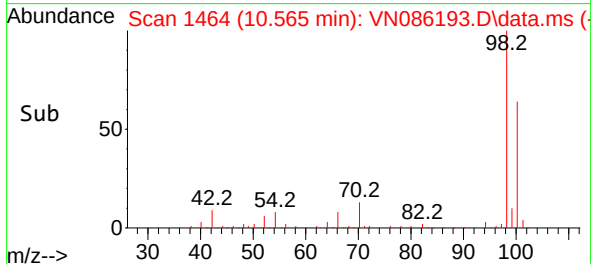
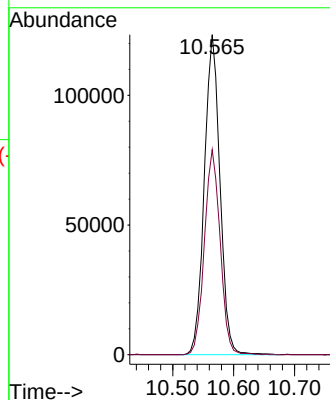
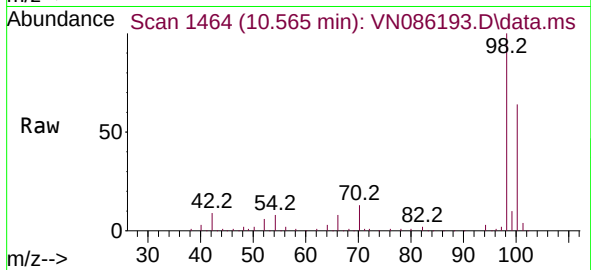
VN0401WBL01

Tgt Ion: 98 Resp: 220661

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN086193.D

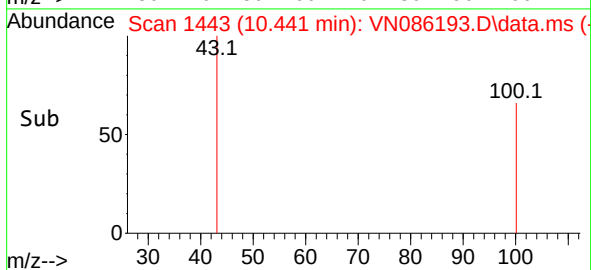
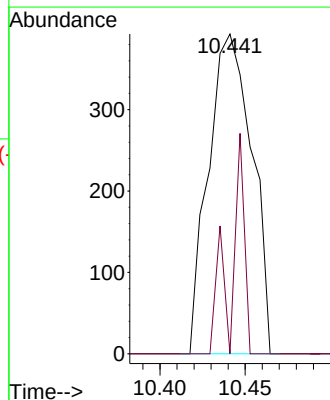
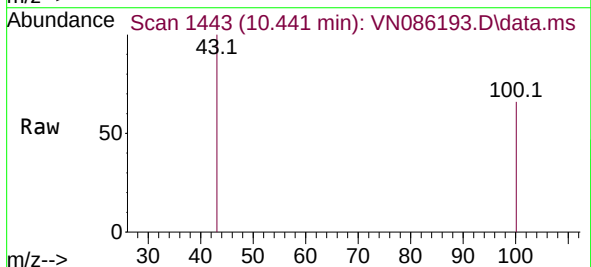
Acq: 01 Apr 2025 13:29

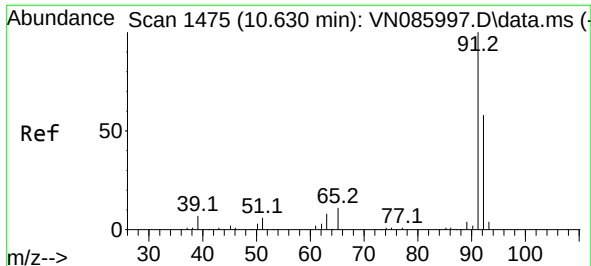
Tgt Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

58 21.7 37.4 56.0#

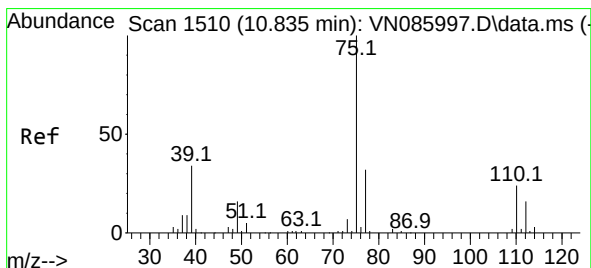
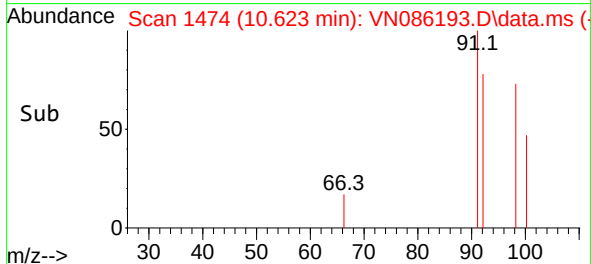
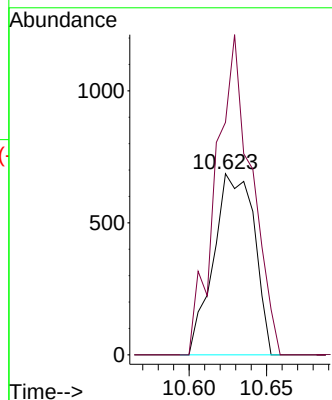
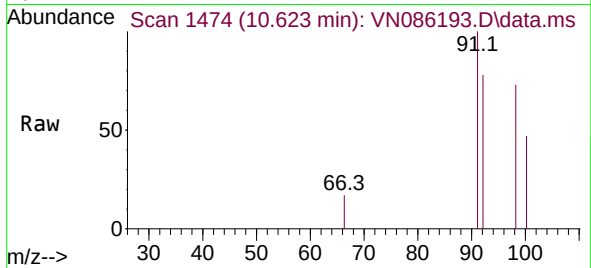




#52
Toluene
Concen: 0.384 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

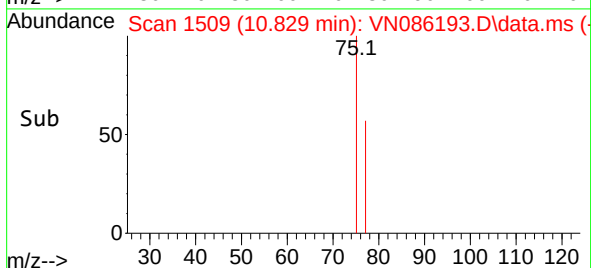
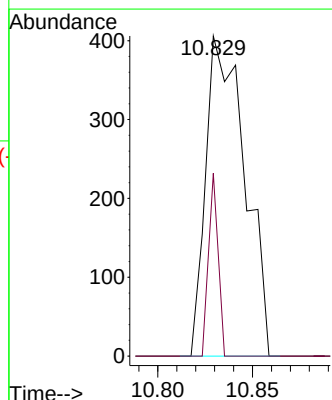
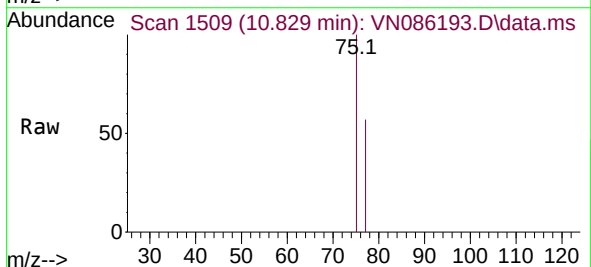
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

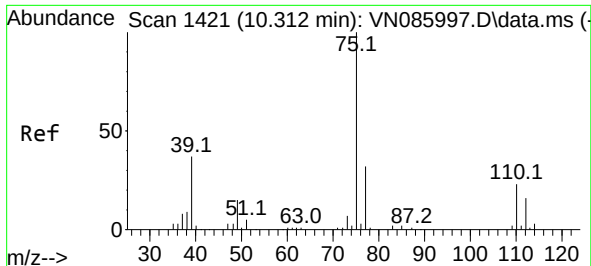
Tgt Ion: 92 Resp: 1252
Ion Ratio Lower Upper
92 100
91 154.6 136.2 204.4



#53
t-1,3-Dichloropropene
Concen: 0.302 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
77 57.1 25.3 37.9#

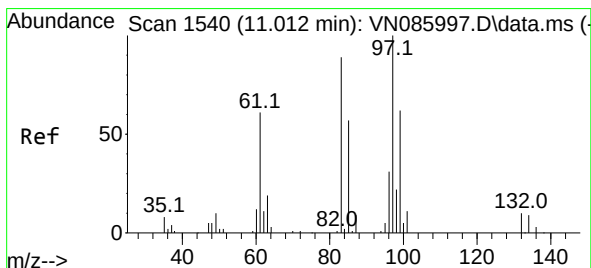
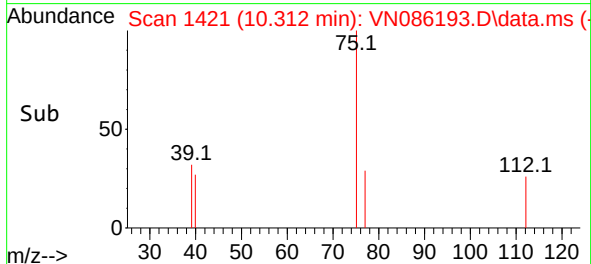
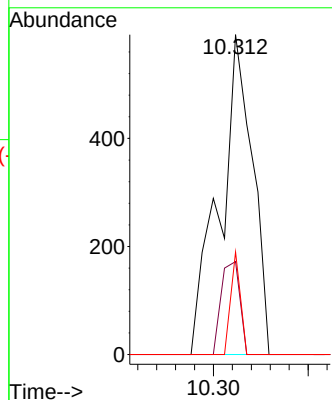
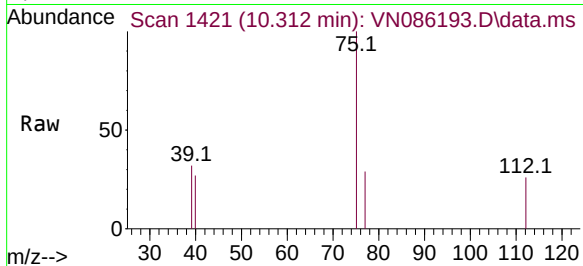




#54
 cis-1,3-Dichloropropene
 Concen: 0.349 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

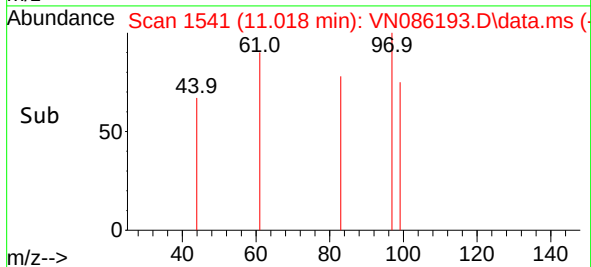
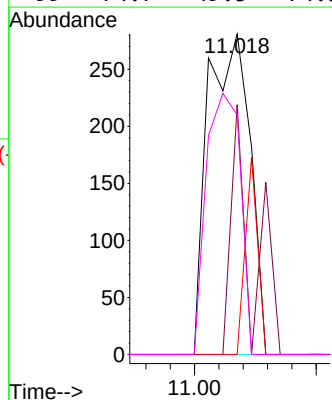
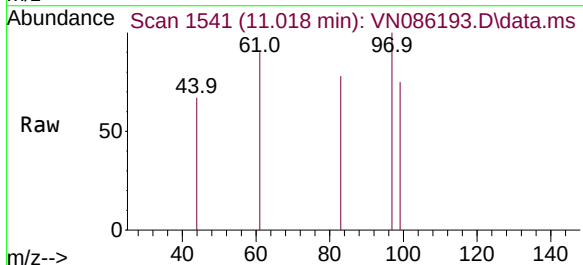
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01

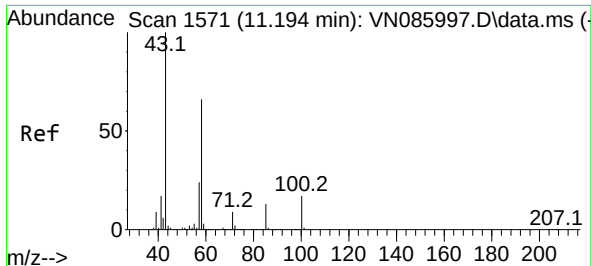
Tgt Ion: 75	Resp:	710
Ion	Ratio	Lower Upper
75	100	
77	29.1	25.3 37.9
39	32.1	29.6 44.4



#55
 1,1,2-Trichloroethane
 Concen: 0.271 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

Tgt Ion: 97	Resp:	337
Ion	Ratio	Lower Upper
97	100	
83	77.9	71.2 106.8
85	0.0	45.4 68.0#
99	74.7	49.5 74.3#

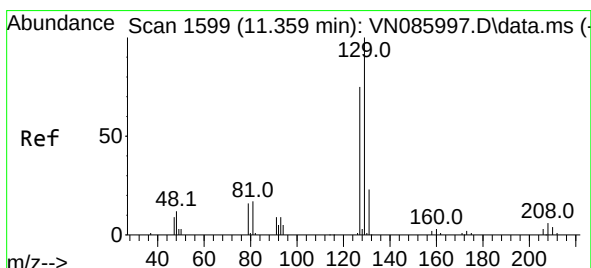
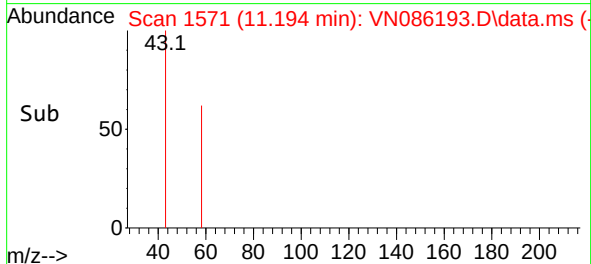
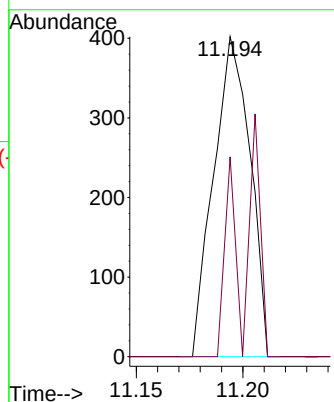
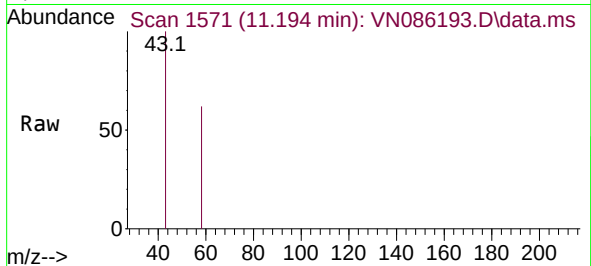




#59
2-Hexanone
Concen: 0.481 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

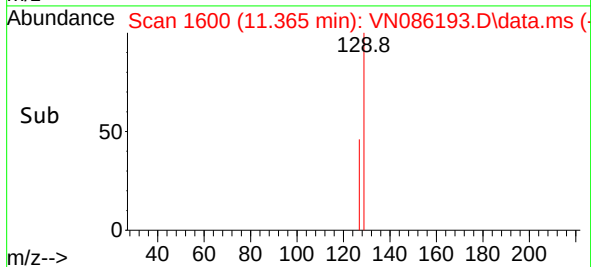
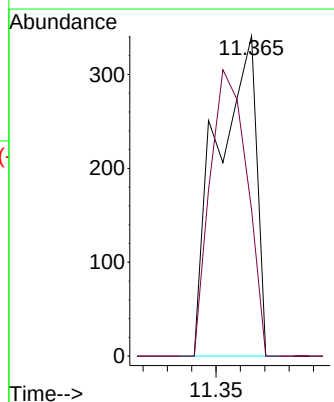
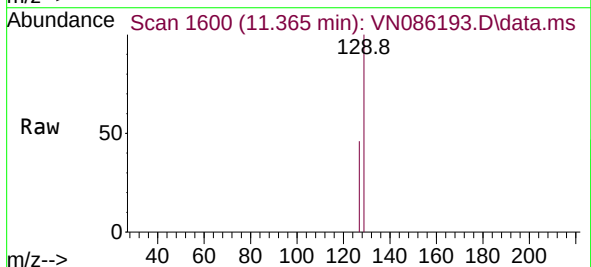
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

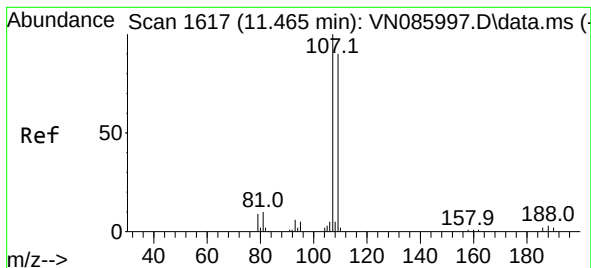
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 18.6 32.4 97.2#



#60
Dibromochloromethane
Concen: 0.236 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:129 Resp: 379
Ion Ratio Lower Upper
129 100
127 84.7 37.8 113.4

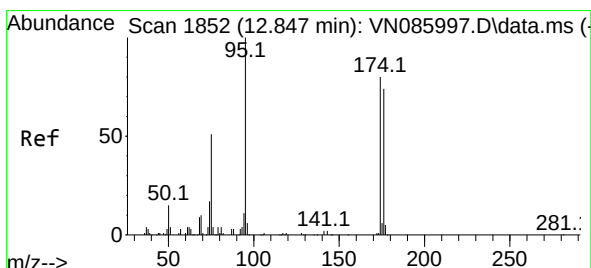
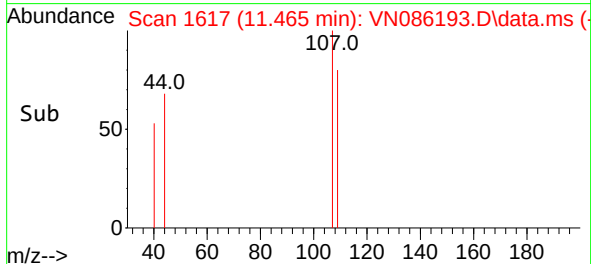
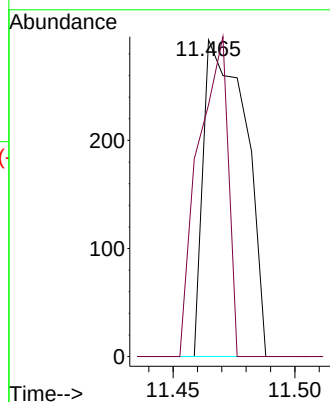
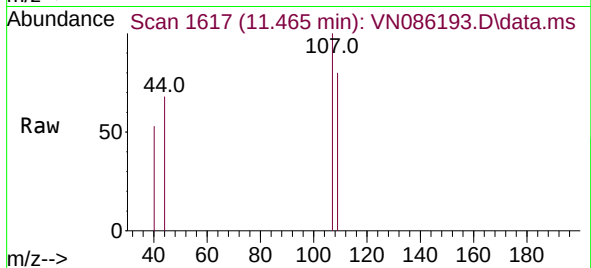




#61
1,2-Dibromoethane
Concen: 0.277 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

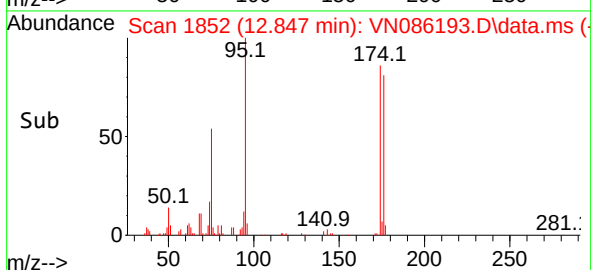
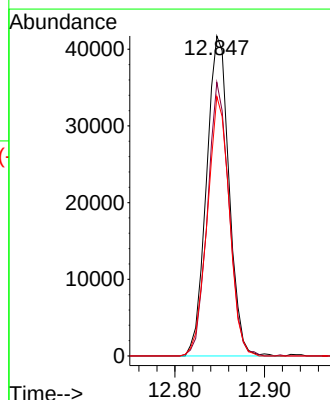
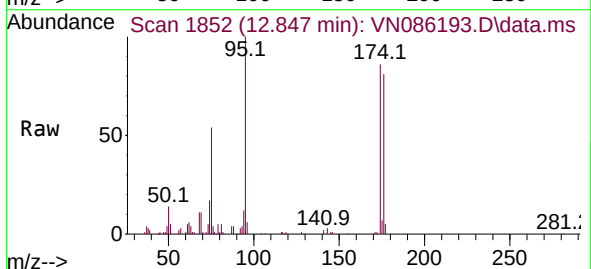
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

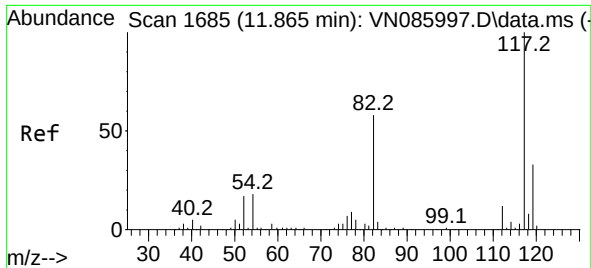
Tgt Ion:107 Resp: 353
Ion Ratio Lower Upper
107 100
109 71.1 73.3 109.9#



#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 95 Resp: 72749
Ion Ratio Lower Upper
95 100
174 81.5 0.0 156.8
176 79.2 0.0 152.2

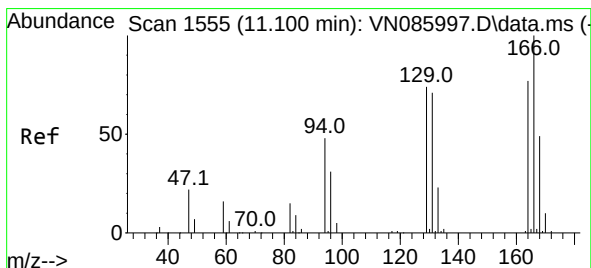
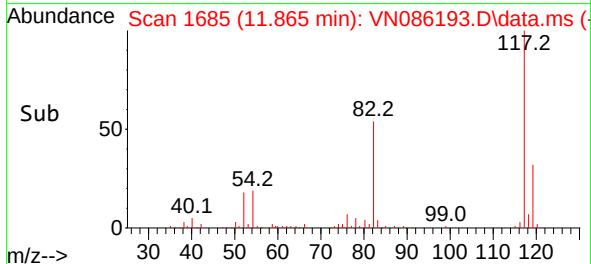
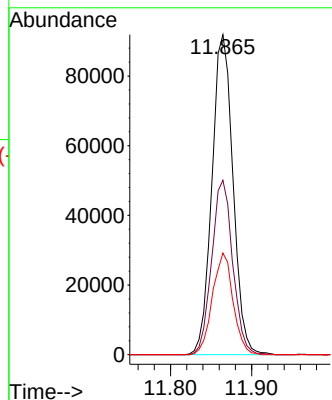
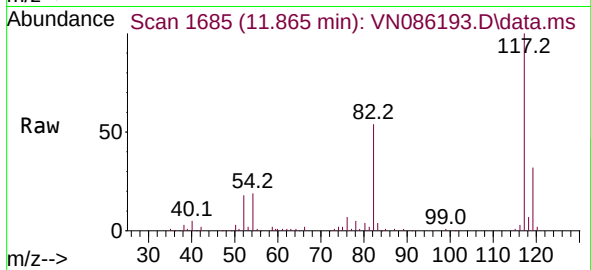




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

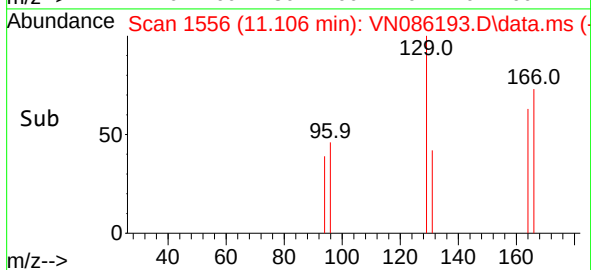
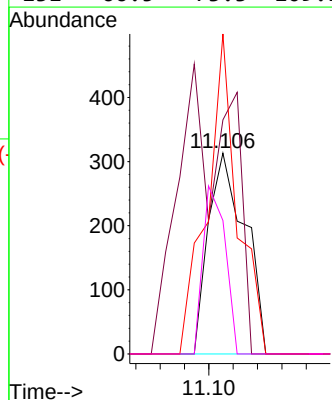
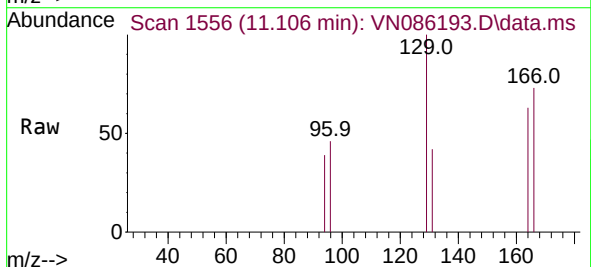
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

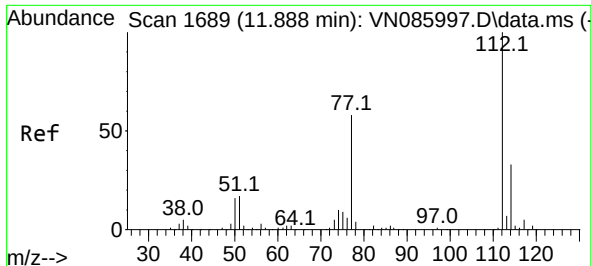
Tgt Ion:117 Resp: 165471
Ion Ratio Lower Upper
117 100
82 54.5 46.7 70.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 0.248 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:164 Resp: 327
Ion Ratio Lower Upper
164 100
166 116.6 103.7 155.5
129 159.4 77.1 115.7#
131 66.5 73.3 109.9#

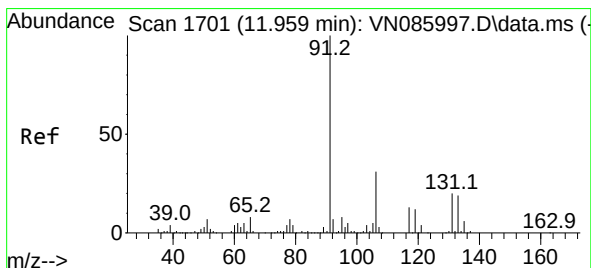
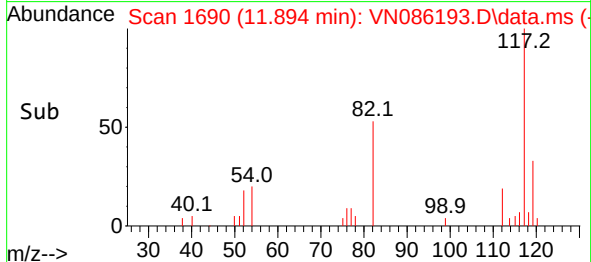
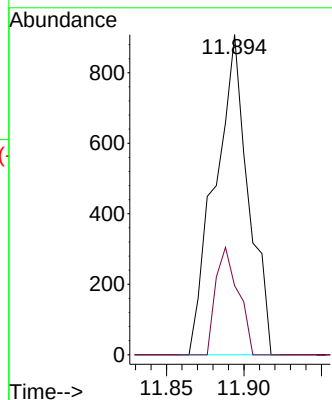
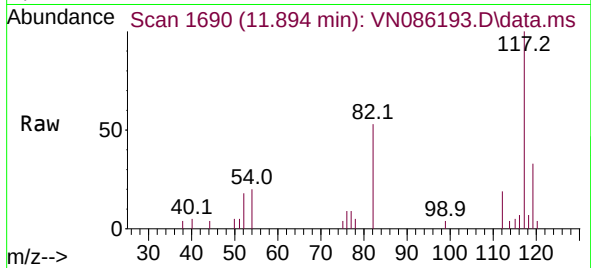




#65
Chlorobenzene
Concen: 0.357 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

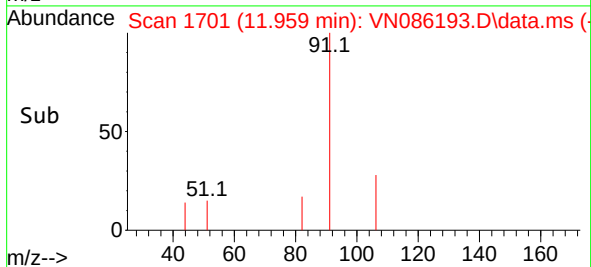
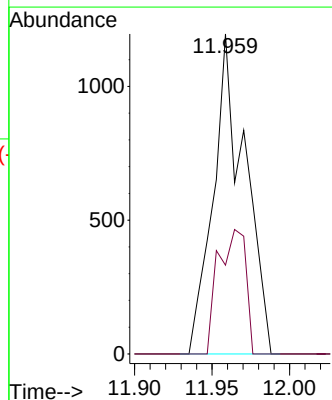
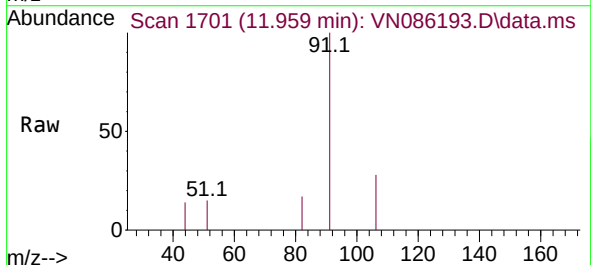
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

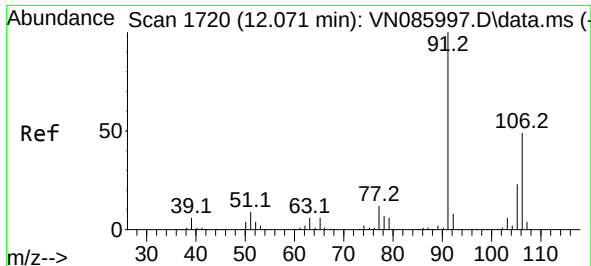
Tgt Ion:112 Resp: 1352
Ion Ratio Lower Upper
112 100
114 21.6 26.3 39.5#



#67
Ethyl Benzene
Concen: 0.280 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 91 Resp: 1697
Ion Ratio Lower Upper
91 100
106 27.8 24.5 36.7

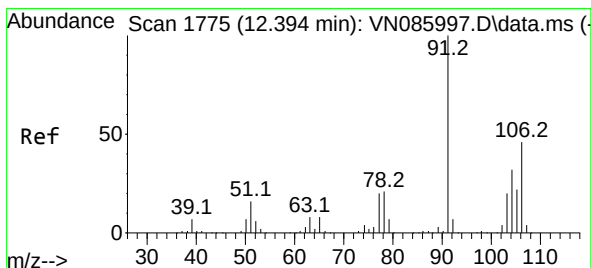
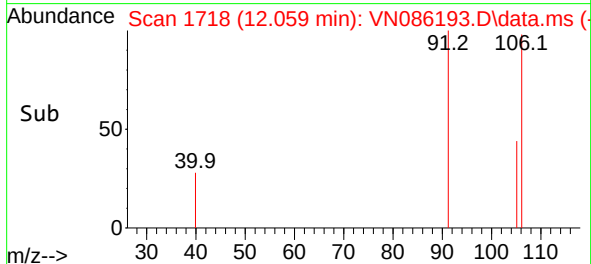
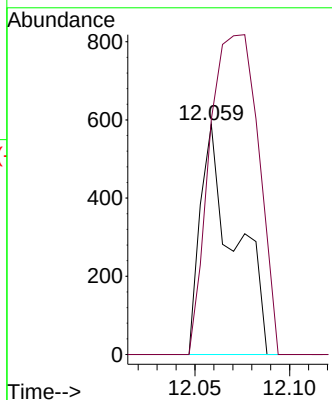
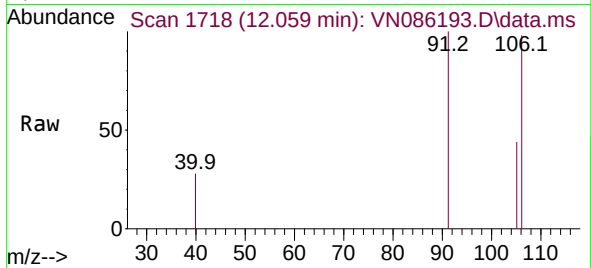




#68
m/p-Xylenes
Concen: 0.313 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

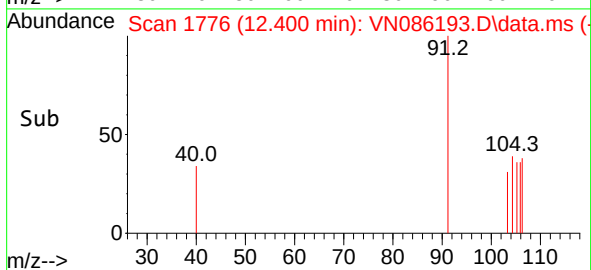
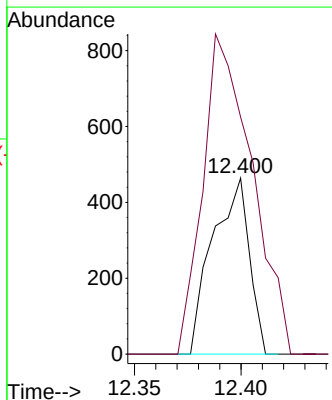
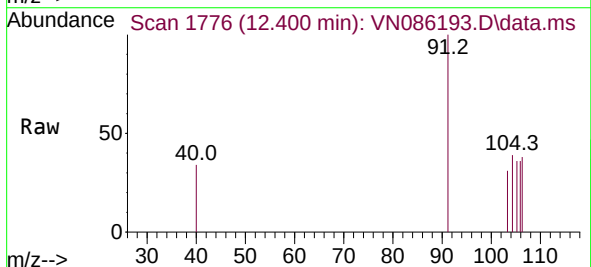
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

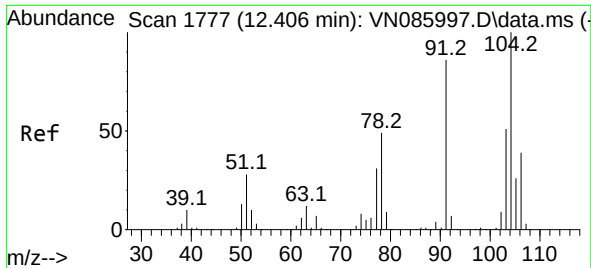
Tgt Ion:106 Resp: 746
Ion Ratio Lower Upper
106 100
91 197.1 163.9 245.9



#69
o-Xylene
Concen: 0.254 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:106 Resp: 555
Ion Ratio Lower Upper
106 100
91 243.2 109.1 327.2

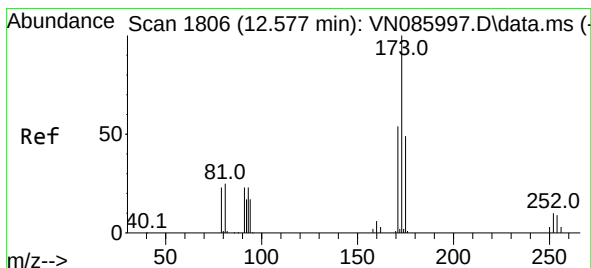
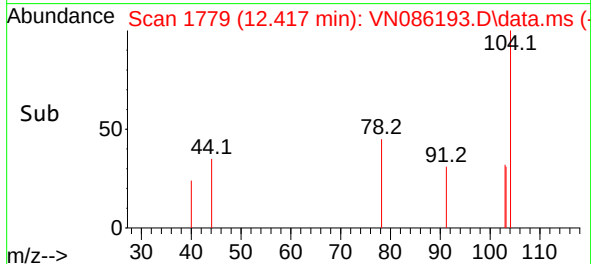
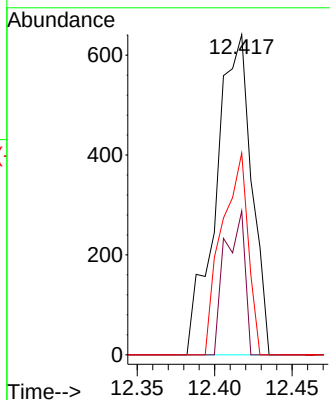
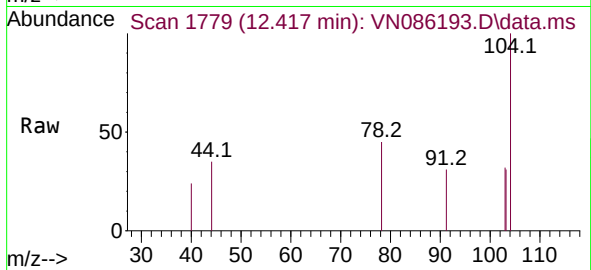




#70
Styrene
Concen: 0.274 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

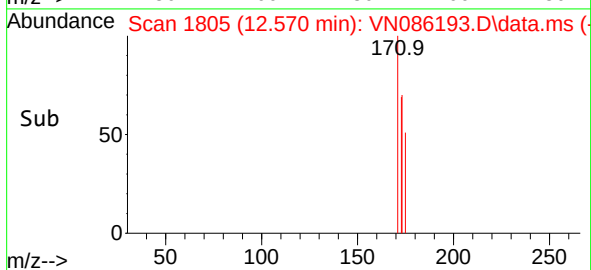
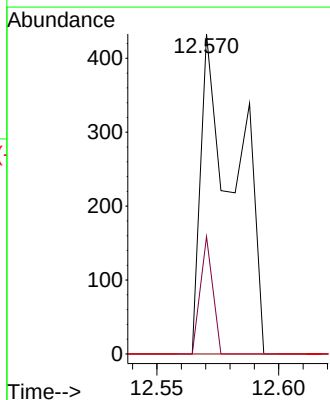
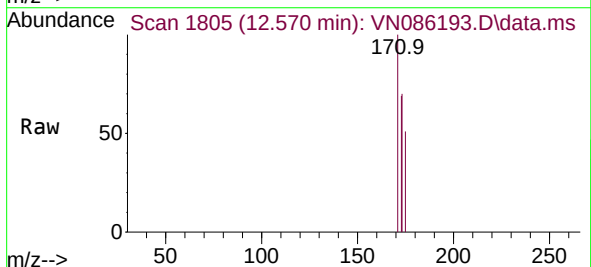
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

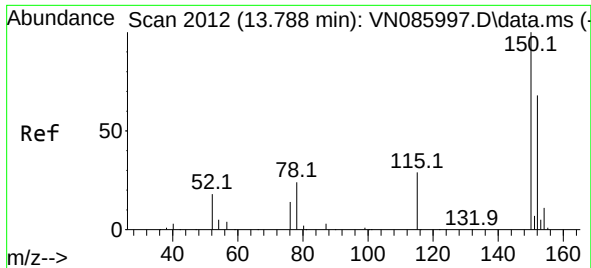
Tgt Ion:104 Resp: 1024
Ion Ratio Lower Upper
104 100
78 25.0 41.4 62.2#
103 46.5 42.9 64.3



#71
Bromoform
Concen: 0.363 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:173 Resp: 427
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

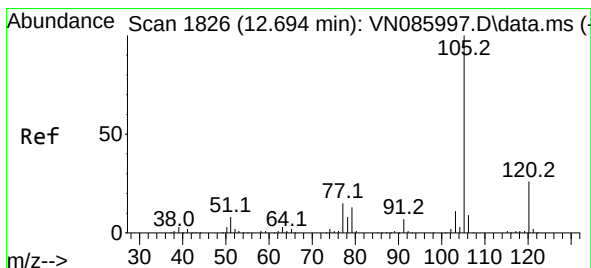
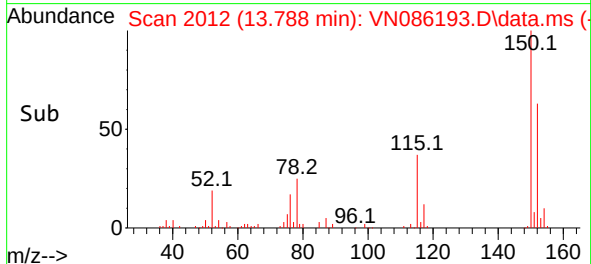
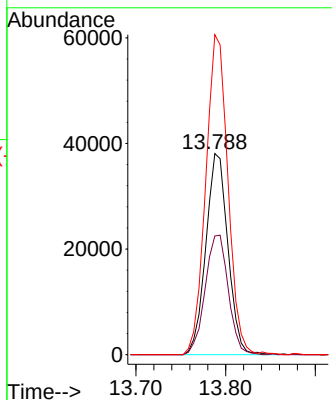
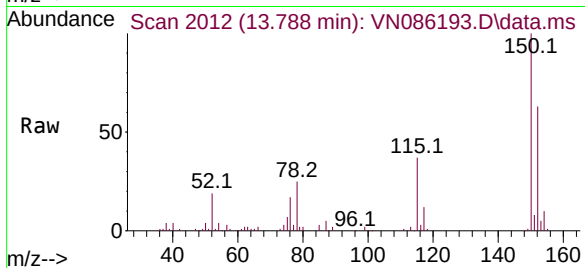




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

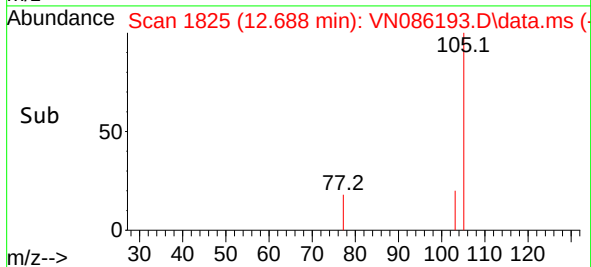
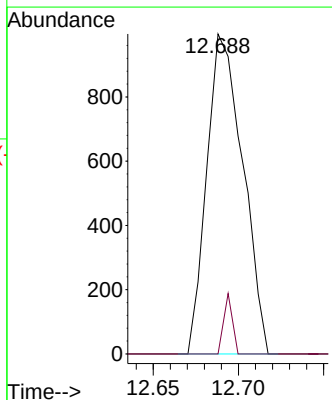
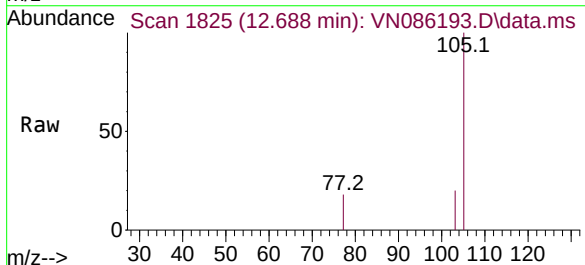
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

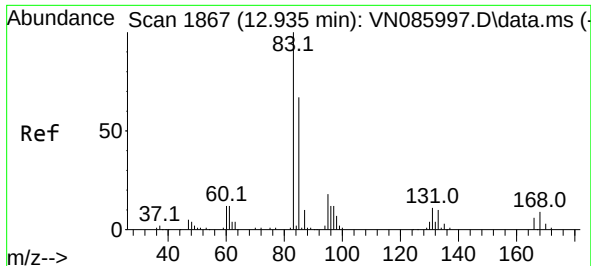
Tgt Ion:152 Resp: 65170
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.2
150 159.8 0.0 359.6



#73
Isopropylbenzene
Concen: 0.328 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:105 Resp: 1460
Ion Ratio Lower Upper
105 100
120 4.5 13.0 39.0#

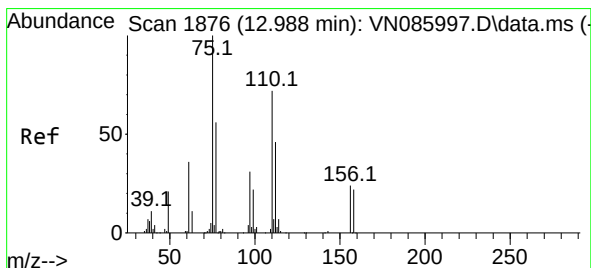
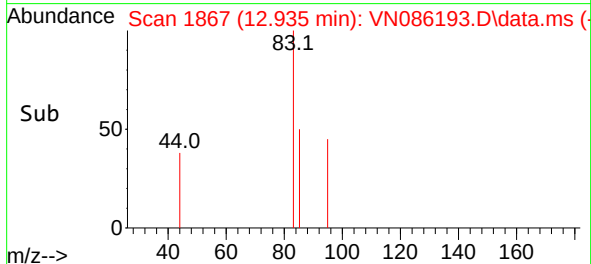
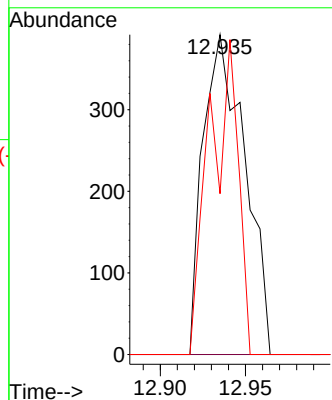
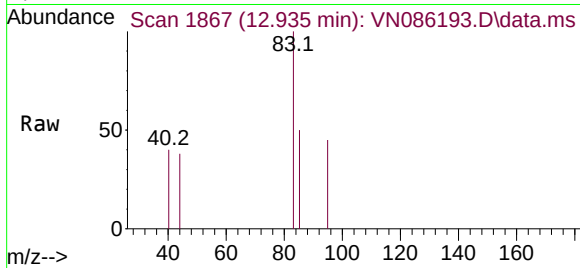




#75
1,1,2,2-Tetrachloroethane
Concen: 0.444 ug/l
RT: 12.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

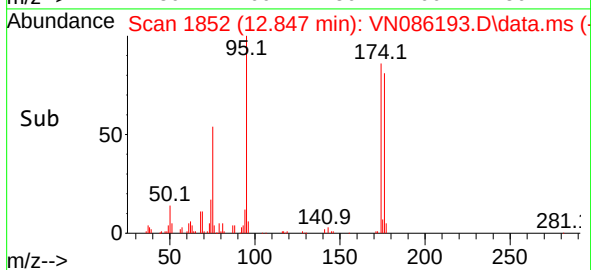
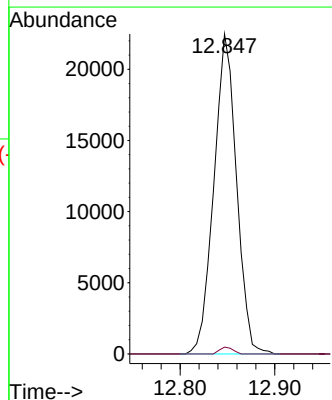
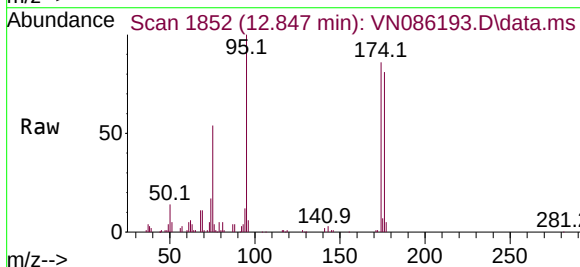
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

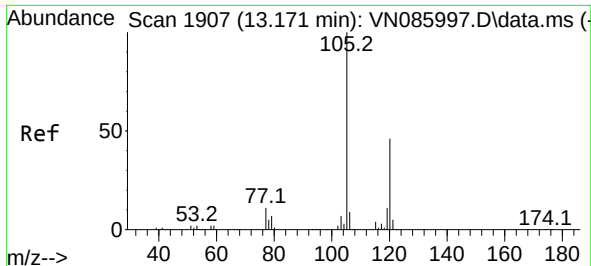
Tgt Ion: 83 Resp: 669
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 67.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 25.585 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion: 75 Resp: 37330
Ion Ratio Lower Upper
75 100
77 1.3 83.7 251.0#

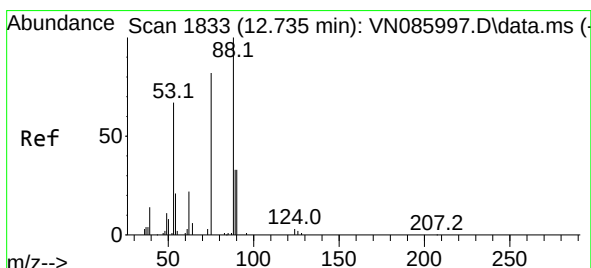
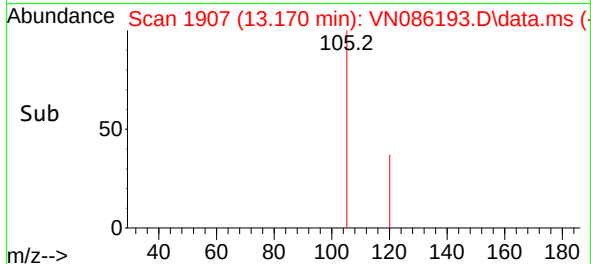
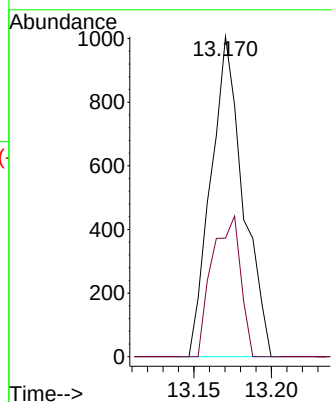
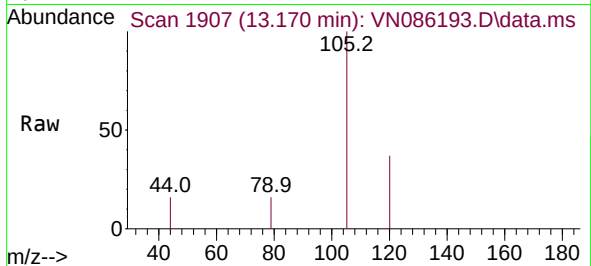




#80
 1,3,5-Trimethylbenzene
 Concen: 0.388 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

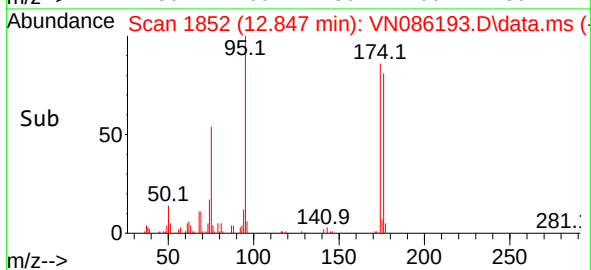
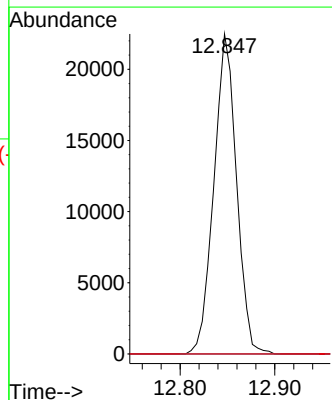
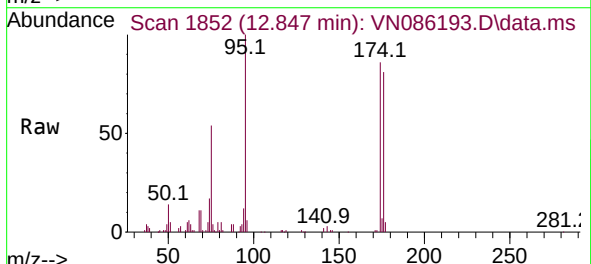
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01

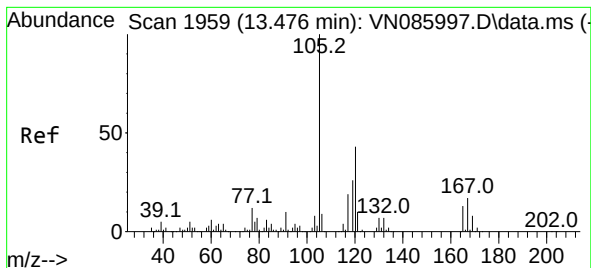
Tgt Ion:105 Resp: 1456
 Ion Ratio Lower Upper
 105 100
 120 38.7 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.644 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN086193.D
 Acq: 01 Apr 2025 13:29

Tgt Ion: 75 Resp: 37330
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.0 99.0#
 89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.295 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

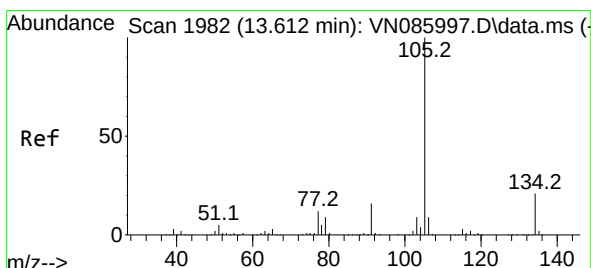
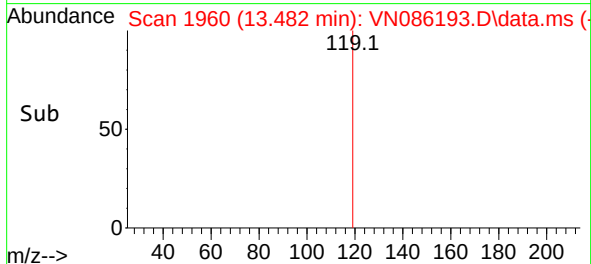
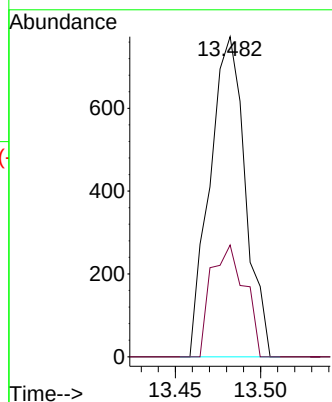
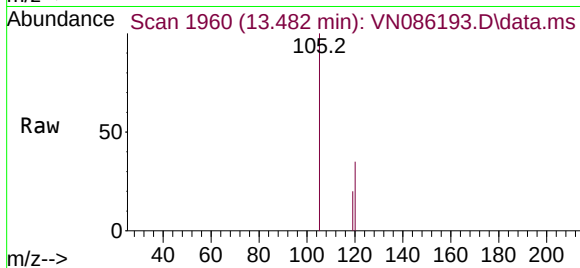
VN0401WBL01

Tgt Ion:105 Resp: 1117

Ion Ratio Lower Upper

105 100

120 33.1 21.9 65.8



#85

sec-Butylbenzene

Concen: 0.266 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.130 min

Lab File: VN086193.D

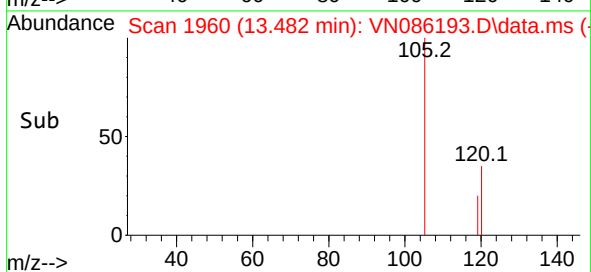
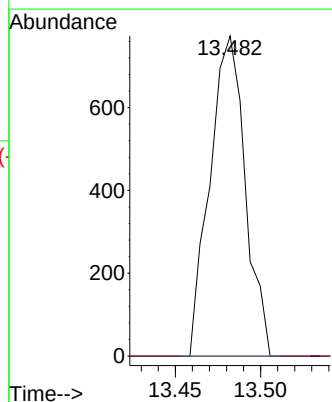
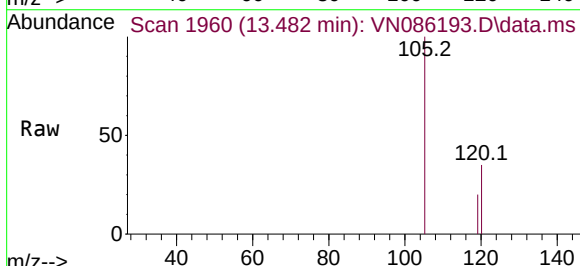
Acq: 01 Apr 2025 13:29

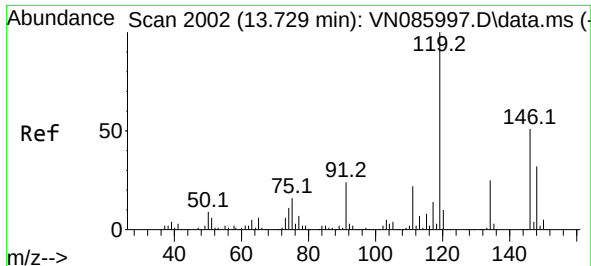
Tgt Ion:105 Resp: 1117

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





#87

1,3-Dichlorobenzene

Concen: 0.384 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

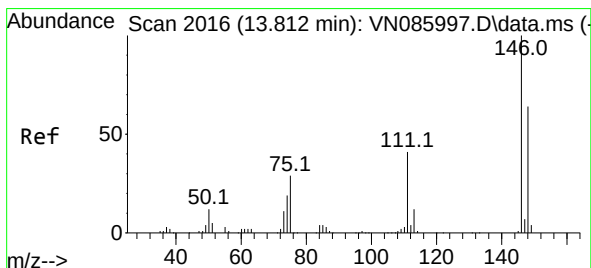
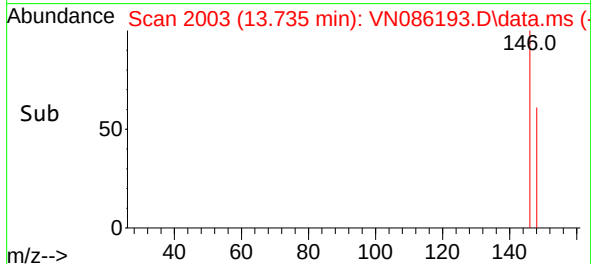
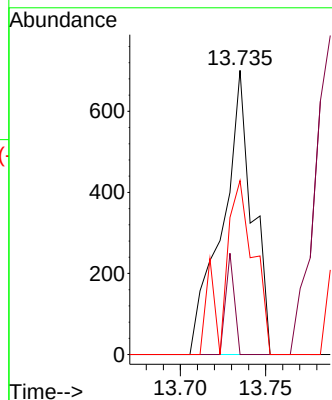
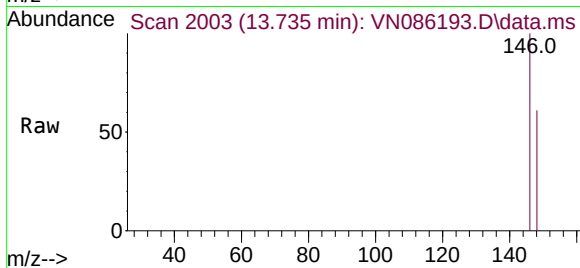
Tgt Ion:146 Resp: 860

Ion Ratio Lower Upper

146 100

111 10.2 21.2 63.6#

148 60.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.431 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

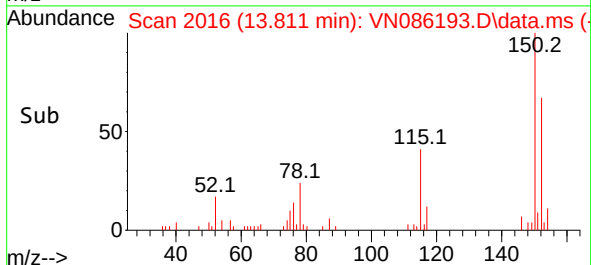
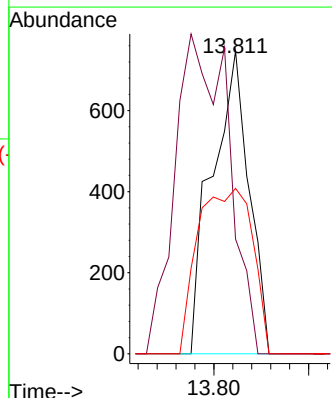
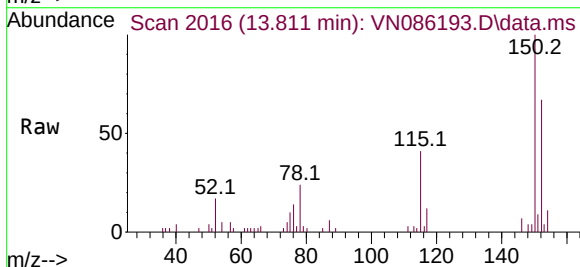
Tgt Ion:146 Resp: 1014

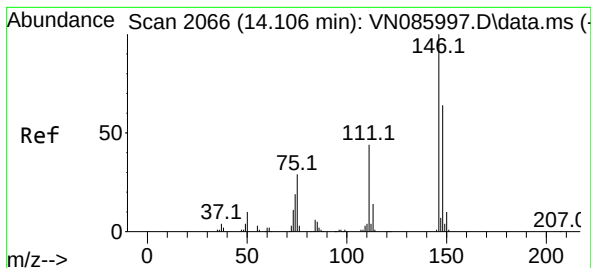
Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

148 80.8 32.1 96.5





#91

1,2-Dichlorobenzene

Concen: 0.397 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

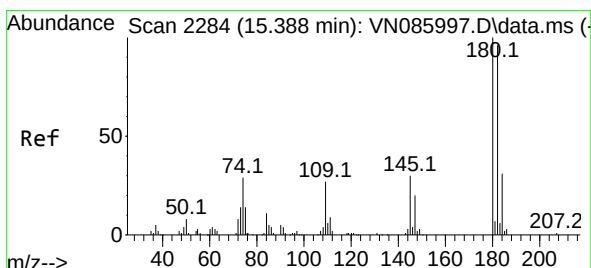
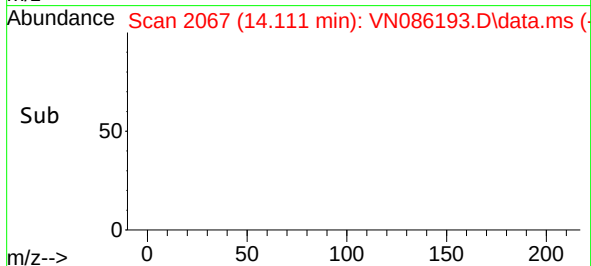
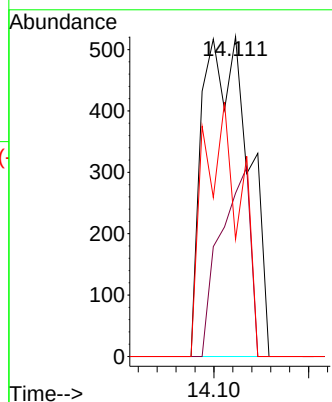
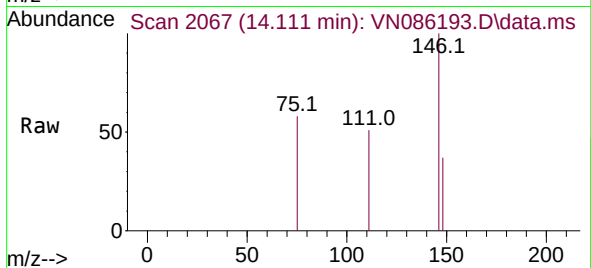
Tgt Ion:146 Resp: 883

Ion Ratio Lower Upper

146 100

111 38.5 22.3 66.8

148 62.5 32.1 96.5



#93

1,2,4-Trichlorobenzene

Concen: 0.533 ug/l

RT: 15.382 min Scan# 2283

Delta R.T. -0.006 min

Lab File: VN086193.D

Acq: 01 Apr 2025 13:29

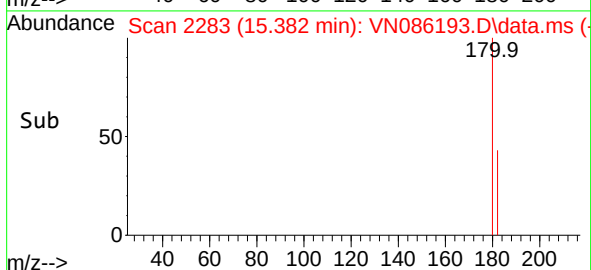
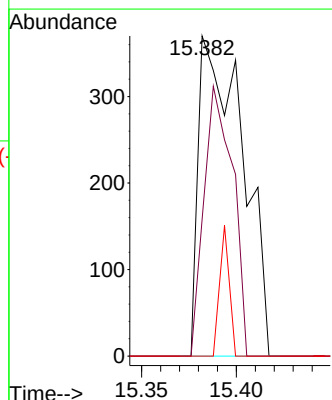
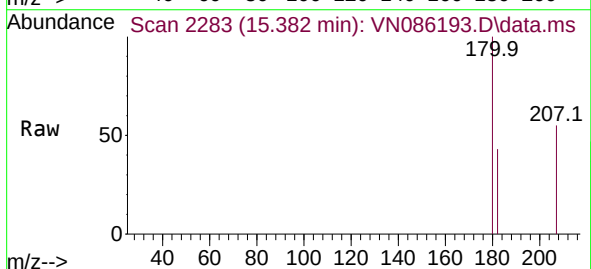
Tgt Ion:180 Resp: 596

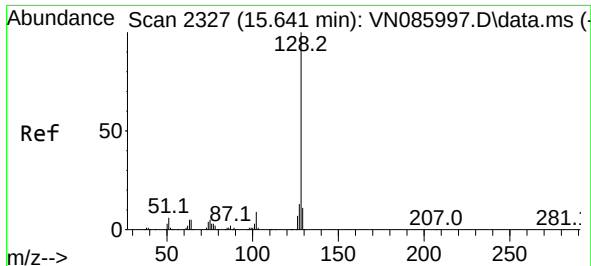
Ion Ratio Lower Upper

180 100

182 55.0 47.0 141.0

145 8.9 15.5 46.5#

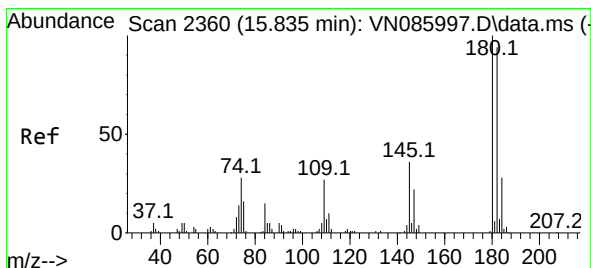
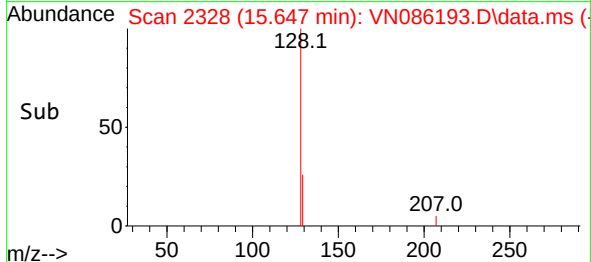
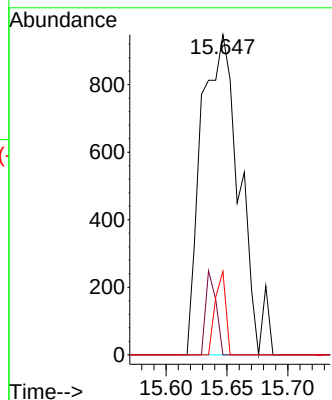
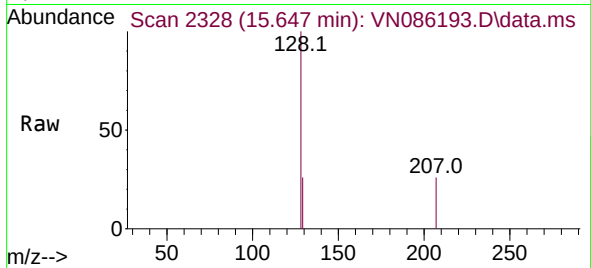




#95
Naphthalene
Concen: 0.640 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

Tgt Ion:128 Resp: 2072
Ion Ratio Lower Upper
128 100
127 7.0 10.2 15.4#
129 7.1 9.0 13.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.412 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086193.D
Acq: 01 Apr 2025 13:29

Tgt Ion:180 Resp: 437
Ion Ratio Lower Upper
180 100
182 127.9 47.5 142.5
145 0.0 17.7 53.1#

