

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084059.D
 Acq On : 20 Sep 2024 10:11
 Operator : JC\MD
 Sample : VN0920WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

Quant Time: Sep 20 23:21:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31687	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	179569	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	162643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	87965	30.370	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	12.847	95	83890	29.927	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.767%			
63) Toluene-d8	10.565	98	234361	31.120	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	45331	21.362	ug/l	95
3) Chloromethane	2.360	50	47263	21.436	ug/l	94
4) Vinyl Chloride	2.518	62	46248	20.404	ug/l	94
5) Bromomethane	2.959	94	28821	22.759	ug/l	97
6) Chloroethane	3.124	64	30006	19.769	ug/l	96
7) Trichlorofluoromethane	3.501	101	78151	20.566	ug/l	96
8) Diethyl Ether	3.965	74	25509	19.756	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	43716	21.417	ug/l	95
10) 1,1-Dichloroethene	4.348	96	39960	20.290	ug/l	86
11) Methyl Iodide	4.583	142	52889	19.771	ug/l	92
12) Methyl Acetate	5.024	43	54990	23.152	ug/l #	79
13) Acrolein	4.183	56	37788	109.017	ug/l	99
14) Acrylonitrile	5.718	53	110265	114.720	ug/l	97
15) Acetone	4.424	58	36434	114.271	ug/l	71
16) Carbon Disulfide	4.712	76	111732	20.075	ug/l	99
17) Allyl chloride	5.018	41	68772	19.913	ug/l	86
18) Methylene Chloride	5.271	84	46134	21.412	ug/l	87
19) trans-1,2-Dichloroethene	5.789	96	42132	20.641	ug/l	92
20) Diisopropyl ether	6.671	45	154479	22.149	ug/l	93
21) 1,1-Dichloroethane	6.565	63	83784	21.040	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	50528	20.339	ug/l	89
23) tert-Butyl Alcohol	5.518	59	43943	124.587	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	140035	20.009	ug/l #	84
25) Chloroform	7.965	83	91305	21.636	ug/l	100
26) Cyclohexane	8.259	56	68940	19.657	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	61830	21.708	ug/l	98
30) 2-Butanone	7.483	43	165259	123.088	ug/l	93
31) 2,2-Dichloropropane	7.494	77	78650	21.659	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	81523	21.432	ug/l	97
33) Carbon Tetrachloride	8.365	117	69851	21.205	ug/l	96
34) Benzene	8.606	78	188227	22.025	ug/l	99
35) Methacrylonitrile	7.777	41	35757	23.691	ug/l	90
36) 1,2-Dichloroethane	8.671	62	70826	22.045	ug/l	95
37) Trichloroethene	9.347	130	42944	21.399	ug/l	97
38) Methylcyclohexane	9.600	83	68531	20.097	ug/l	95
39) 1,2-Dichloropropane	9.624	63	47419	23.055	ug/l	97
40) Dibromomethane	9.712	93	32844	21.839	ug/l	94
41) Bromodichloromethane	9.888	83	72651	22.718	ug/l	97
42) Vinyl Acetate	6.606	43	568022	102.900	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	63724	23.581	ug/l	96
44) Isopropyl Acetate	8.689	43	110757	23.696	ug/l	89
45) 1,4-Dioxane	9.694	88	17774	487.548	ug/l #	92
46) Methyl methacrylate	9.683	41	51997	22.984	ug/l	81
47) n-amyl Acetate	12.494	43	94300	22.776	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	71774	21.337	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74777	21.375	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	43707	22.840	ug/l	95
51) Ethyl methacrylate	10.871	69	69979	21.404	ug/l	78
52) 1,3-Dichloropropane	11.159	76	75614	21.880	ug/l	100
53) Dibromochloromethane	11.359	129	50178	21.861	ug/l	99
54) 1,2-Dibromoethane	11.471	107	43060	21.751	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	129229	99.183	ug/l	98
56) Bromoform	12.577	173	32105	22.016	ug/l #	98
58) 4-Methyl-2-Pentanone	10.441	43	321548	124.684	ug/l #	87
59) 2-Hexanone	11.194	43	241771	124.071	ug/l	87
61) Tetrachloroethene	11.100	164	38171	22.176	ug/l	92
62) Toluene	10.630	91	203603	21.779	ug/l	99
64) Chlorobenzene	11.888	112	122234	21.119	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	45097	22.366	ug/l	98
66) Ethyl Benzene	11.965	91	222040	20.886	ug/l	98
67) m/p-Xylenes	12.071	106	170853	43.683	ug/l	100
68) o-Xylene	12.400	106	80261	21.203	ug/l	97
69) Styrene	12.412	104	136624	21.361	ug/l	99
70) Isopropylbenzene	12.694	105	208618	20.884	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	61786	22.646	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	83425	34.874	ug/l	66
73) Bromobenzene	12.982	156	49300	21.486	ug/l	93
74) n-propylbenzene	13.035	91	253308	21.661	ug/l	99
75) 2-Chlorotoluene	13.124	91	153748	21.066	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	177017	21.213	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	21533	21.296	ug/l	88
78) 4-Chlorotoluene	13.224	91	158240	21.379	ug/l	99
79) tert-butylbenzene	13.435	119	149648	20.508	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	180804	21.441	ug/l	100
81) sec-Butylbenzene	13.618	105	212060	21.274	ug/l	99
82) p-Isopropyltoluene	13.729	119	174293	20.782	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	93290	21.125	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	89522	20.277	ug/l	100
85) n-Butylbenzene	14.053	91	154143	20.827	ug/l	98
86) Hexachloroethane	14.329	117	33763	21.243	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	88180	20.575	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12782	21.317	ug/l	91
89) 1,2,4-Trichlorobenzene	15.841	180	43091	18.352	ug/l	98
90) Hexachlorobutadiene	15.500	225	20489	21.082	ug/l	97
91) Naphthalene	15.641	128	139078	18.118	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	43091	18.352	ug/l	98

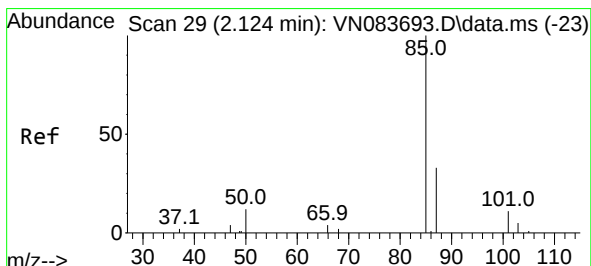
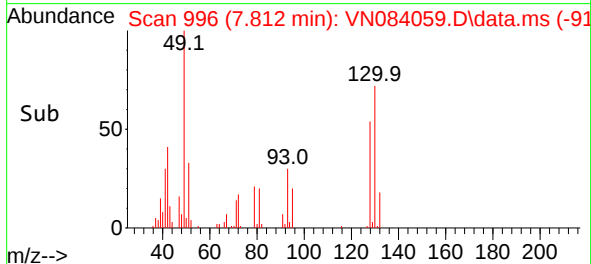
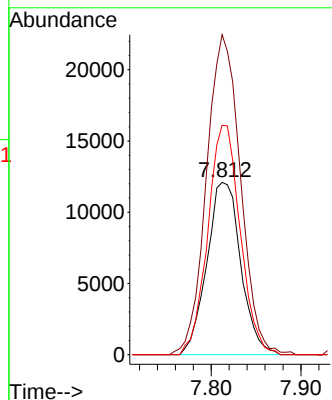
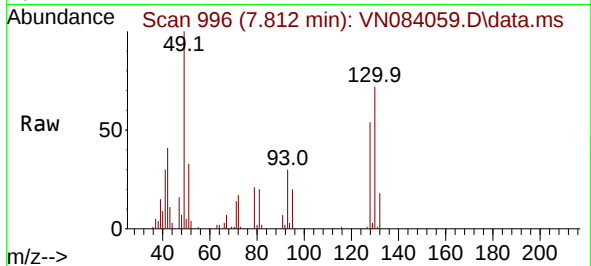
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

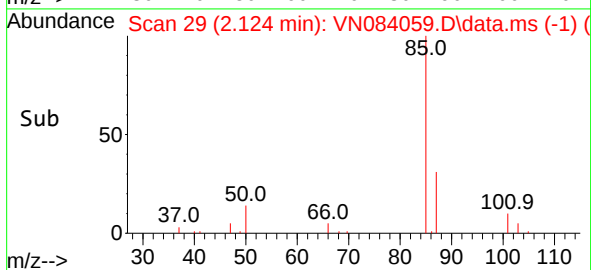
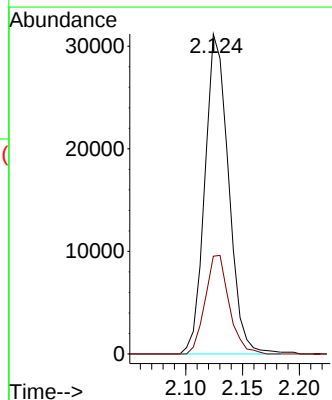
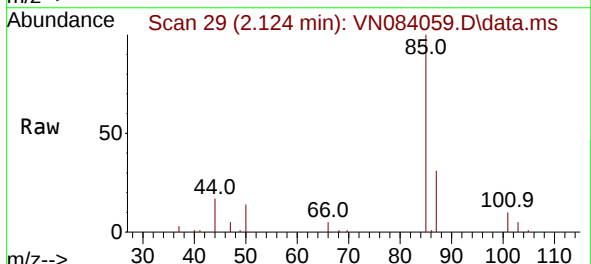
Instrument :
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VN0920WBS01

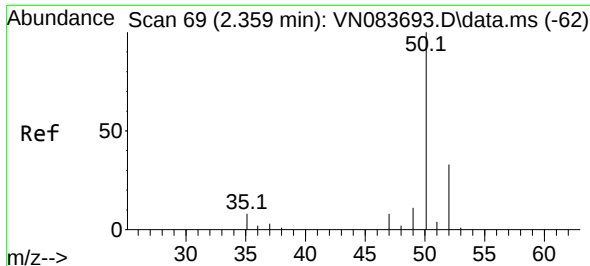
Tgt Ion:128 Resp: 31687
Ion Ratio Lower Upper
128 100
49 186.3 0.0 403.7
130 127.4 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 21.362 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 85 Resp: 45331
Ion Ratio Lower Upper
85 100
87 30.5 16.8 50.3

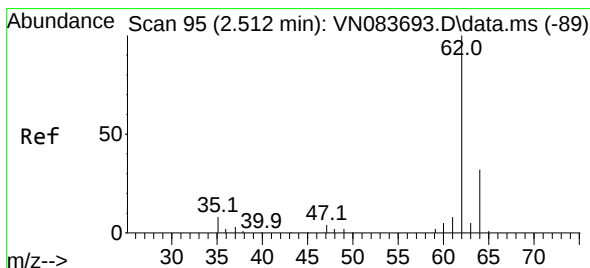
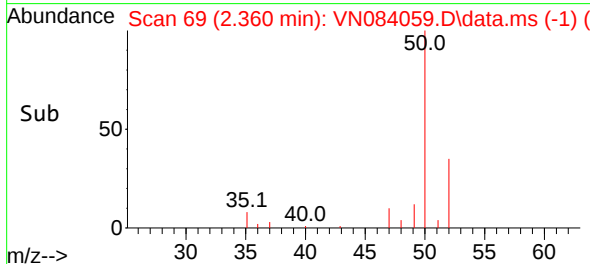
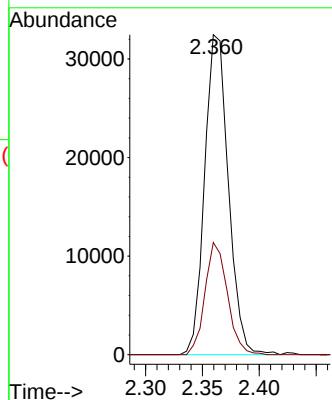
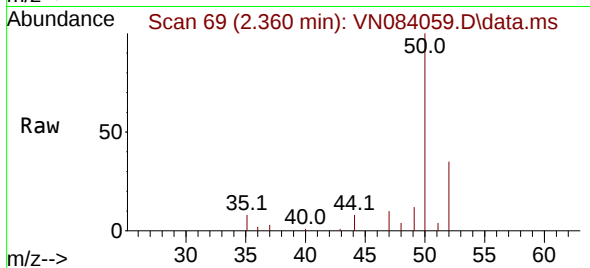




#3
Chloromethane
Concen: 21.436 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

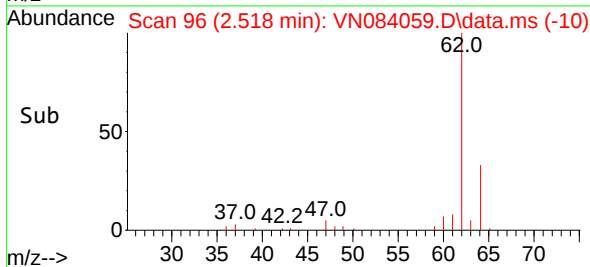
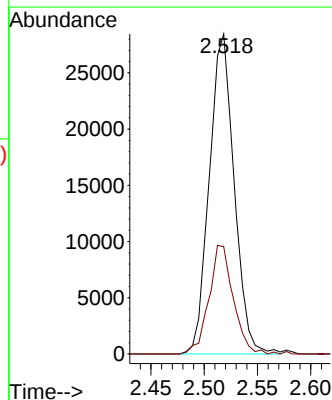
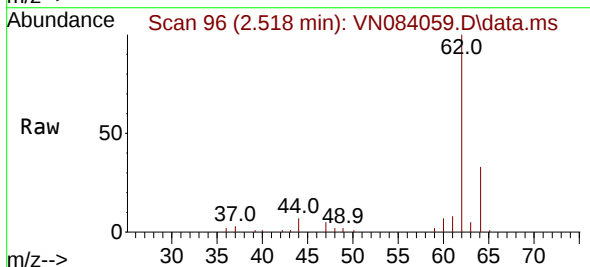
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

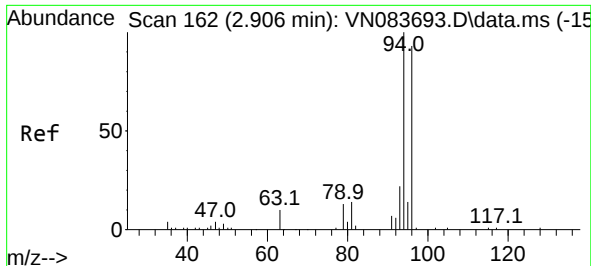
Tgt Ion: 50 Resp: 47263
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.0



#4
Vinyl Chloride
Concen: 20.404 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 62 Resp: 46248
Ion Ratio Lower Upper
62 100
64 33.5 24.1 36.1

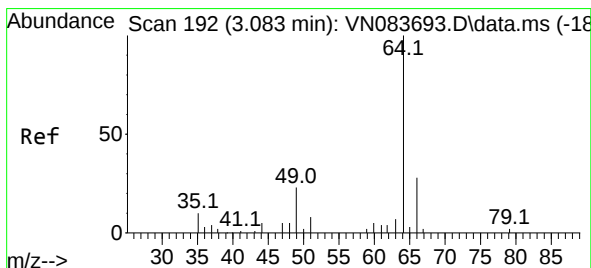
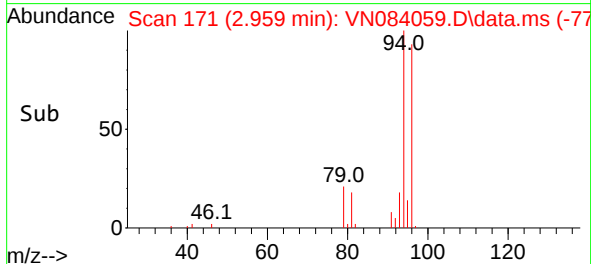
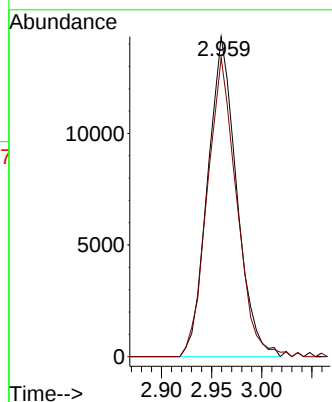
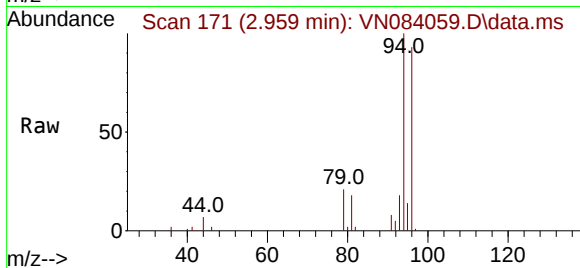




#5
Bromomethane
Concen: 22.759 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

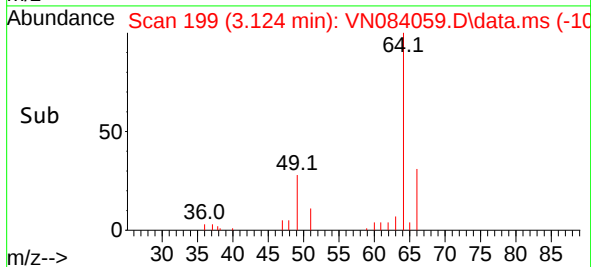
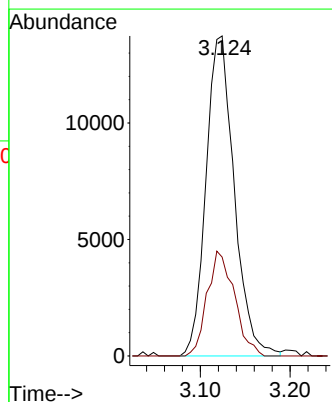
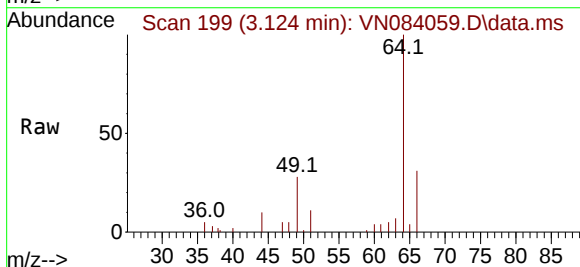
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MSVOA_N
ClientSampleId :
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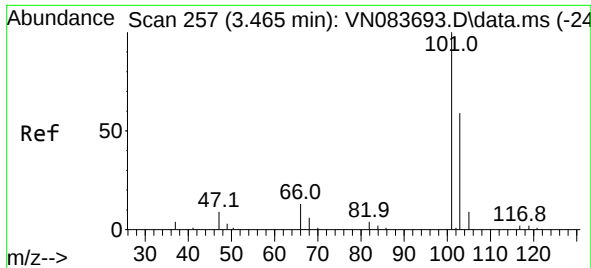
Tgt Ion: 94 Resp: 28821
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2



#6
Chloroethane
Concen: 19.769 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 64 Resp: 30006
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1

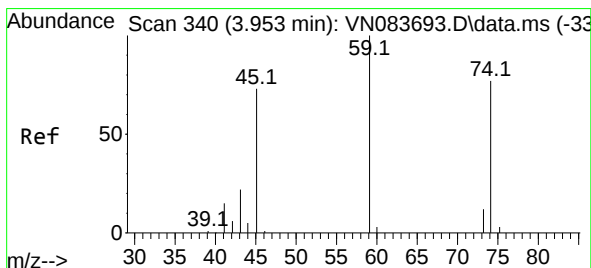
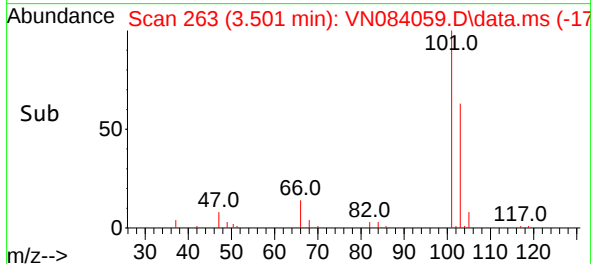
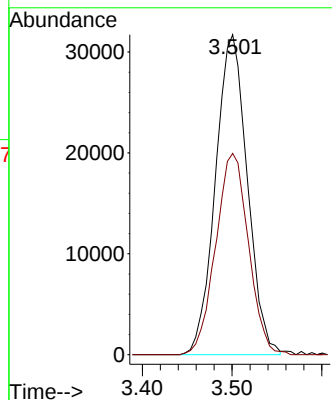
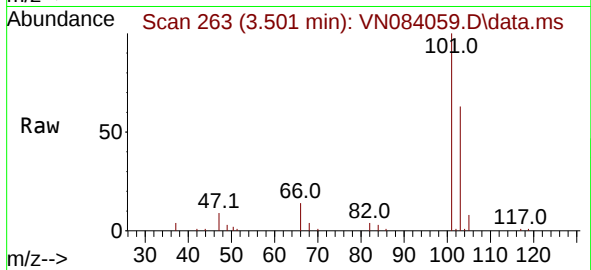




#7
 Trichlorofluoromethane
 Concen: 20.566 ug/l
 RT: 3.501 min Scan# 2
 Delta R.T. 0.035 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

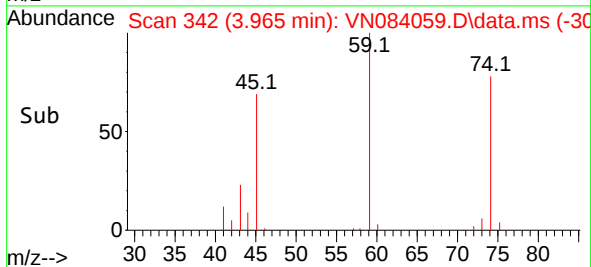
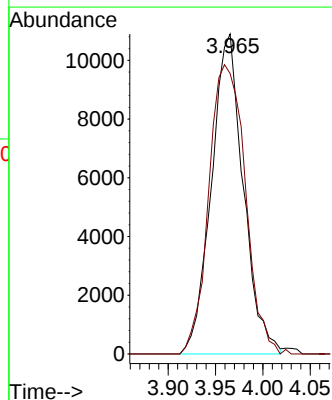
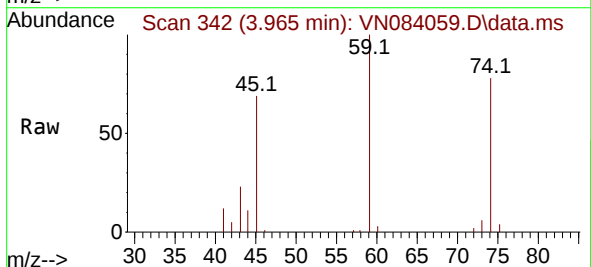
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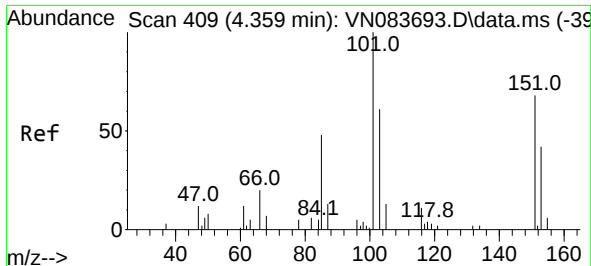
Tgt Ion:101 Resp: 78151
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.756 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

Tgt Ion: 74 Resp: 25509
 Ion Ratio Lower Upper
 74 100
 45 103.2 16.4 147.4

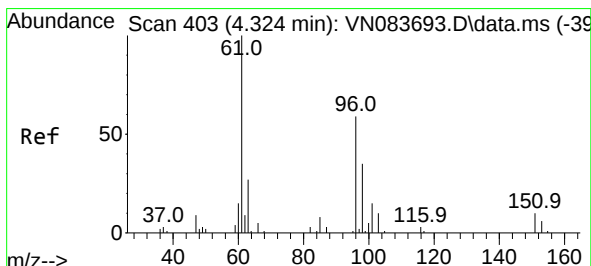
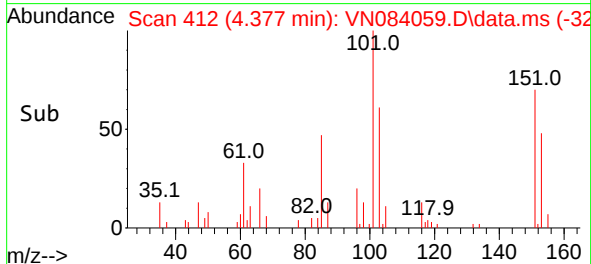
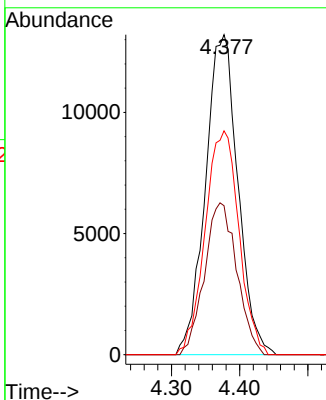
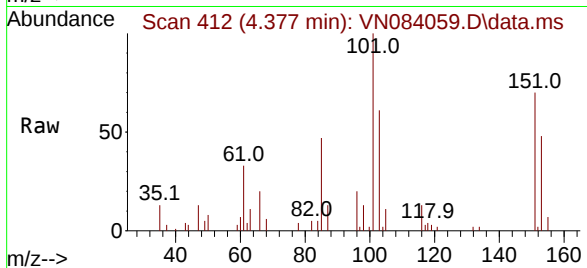




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.417 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. 0.018 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

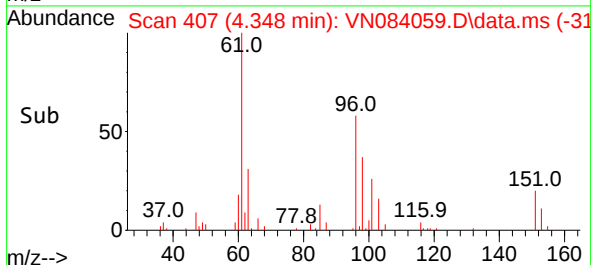
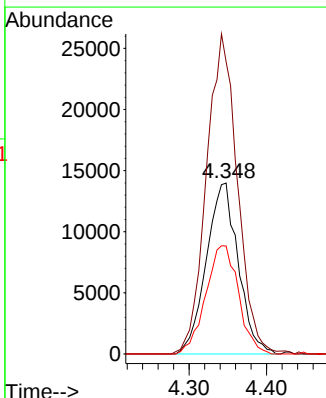
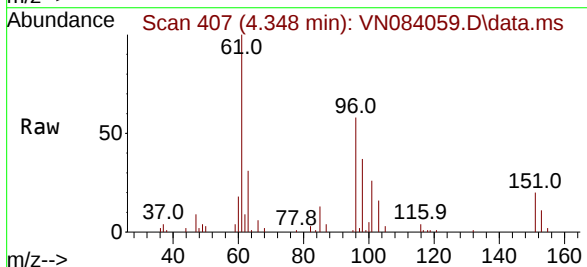
Instrument :
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 VN0920WBS01

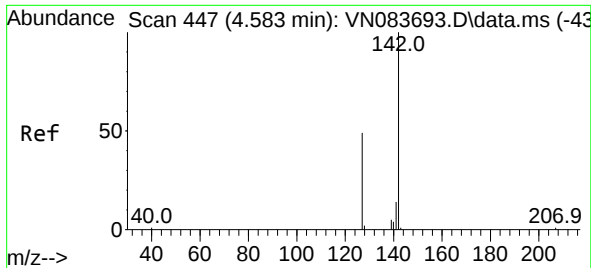
Tgt Ion:101 Resp: 43716
 Ion Ratio Lower Upper
 101 100
 85 47.3 0.0 90.6
 151 72.8 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 20.290 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.024 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

Tgt Ion: 96 Resp: 39960
 Ion Ratio Lower Upper
 96 100
 61 169.6 117.6 176.4
 98 63.2 48.4 72.6

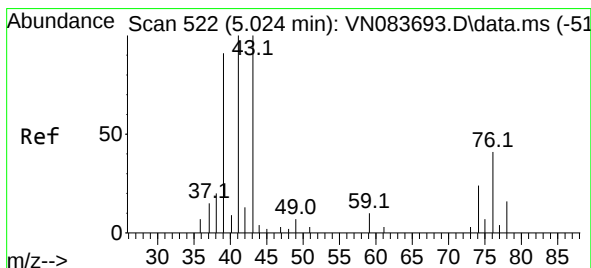
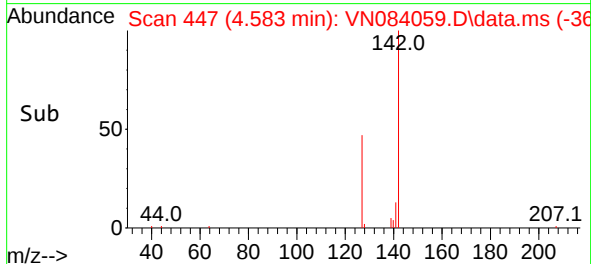
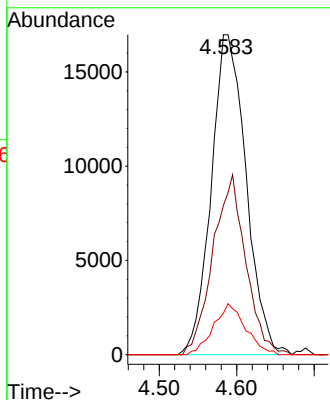
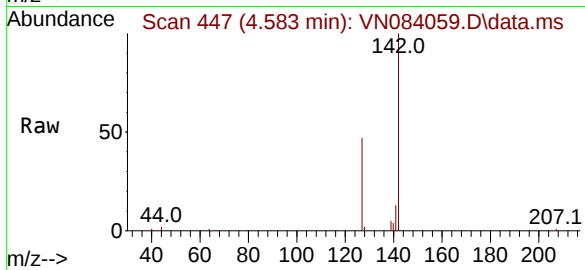




#11
Methyl Iodide
Concen: 19.771 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

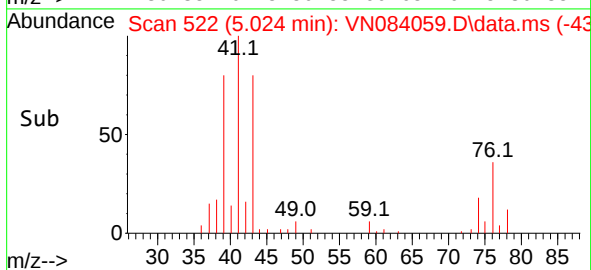
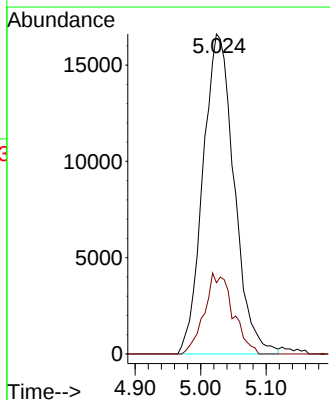
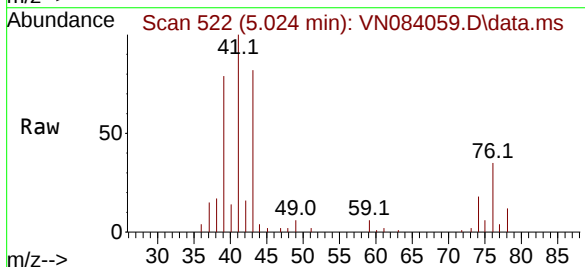
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

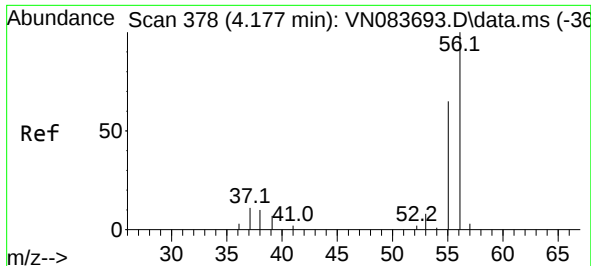
Tgt Ion:142 Resp: 52889
Ion Ratio Lower Upper
142 100
127 46.6 26.3 78.9
141 13.1 8.3 24.9



#12
Methyl Acetate
Concen: 23.152 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 43 Resp: 54990
Ion Ratio Lower Upper
43 100
74 22.4 27.7 41.5#





#13

Acrolein

Concen: 109.017 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

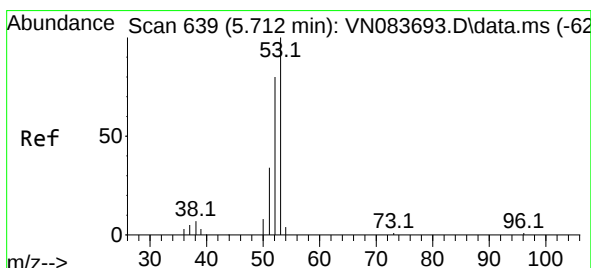
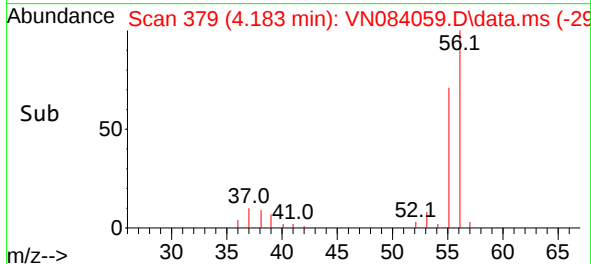
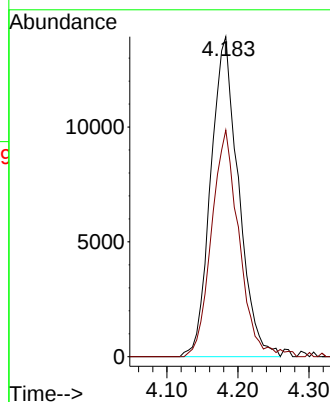
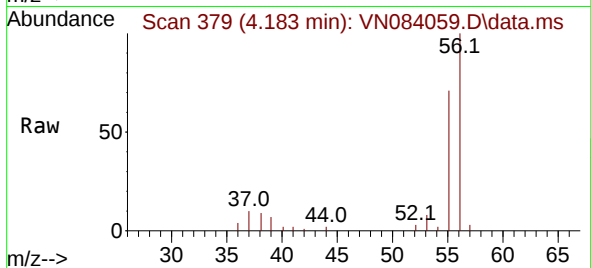
VN0920WBS01

Tgt Ion: 56 Resp: 37788

Ion Ratio Lower Upper

56 100

55 68.7 55.5 83.3



#14

Acrylonitrile

Concen: 114.720 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

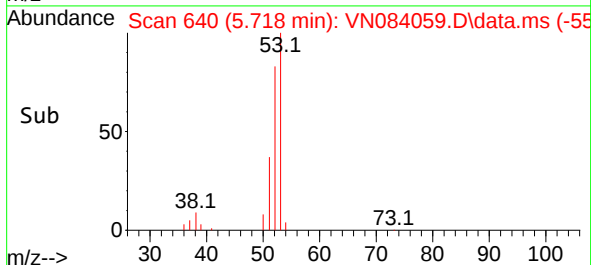
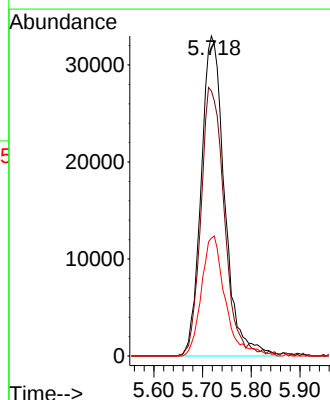
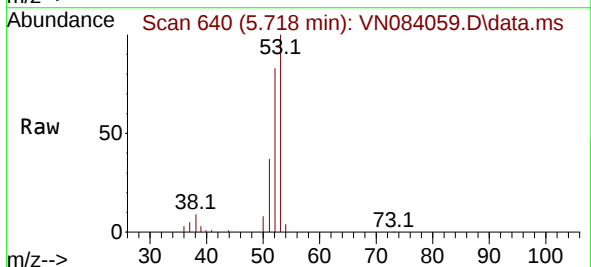
Tgt Ion: 53 Resp: 110265

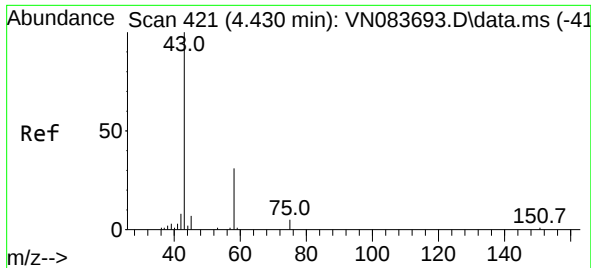
Ion Ratio Lower Upper

53 100

52 82.1 41.3 123.9

51 37.8 16.8 50.3





#15

Acetone

Concen: 114.271 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

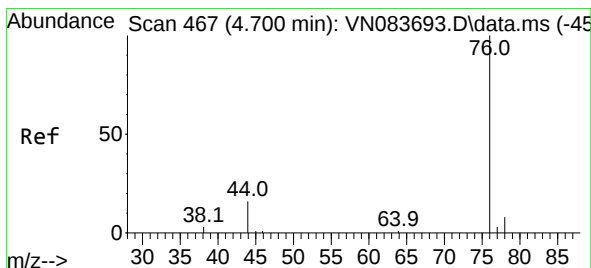
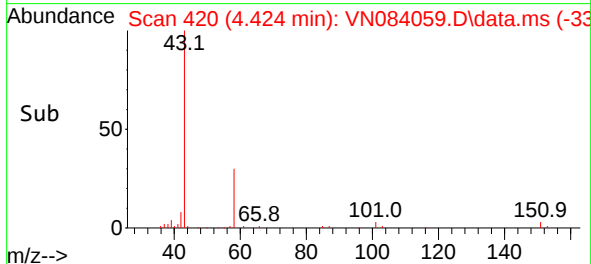
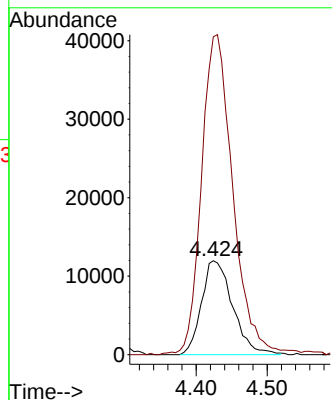
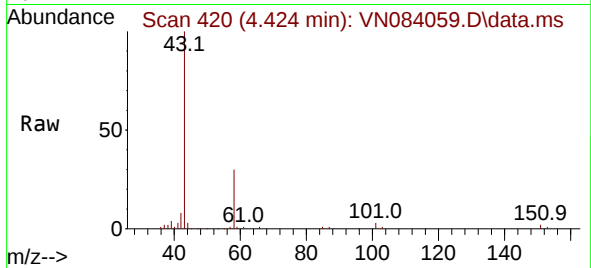
VN0920WBS01

Tgt Ion: 58 Resp: 36434

Ion Ratio Lower Upper

58 100

43 334.0 223.1 334.7



#16

Carbon Disulfide

Concen: 20.075 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084059.D

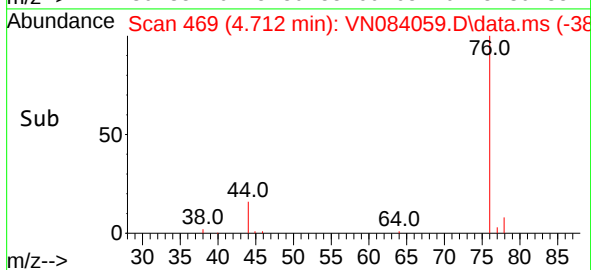
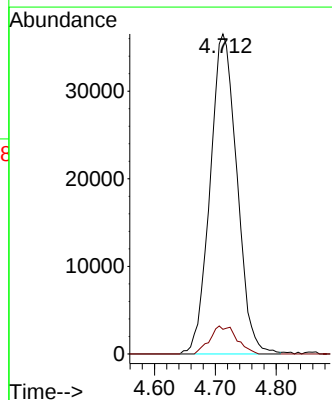
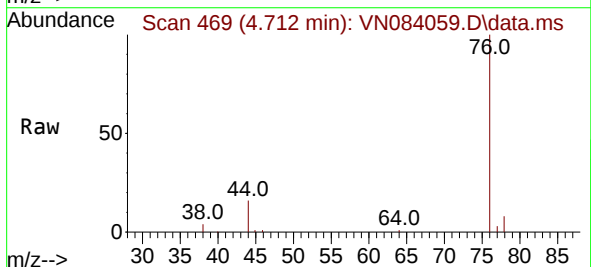
Acq: 20 Sep 2024 10:11

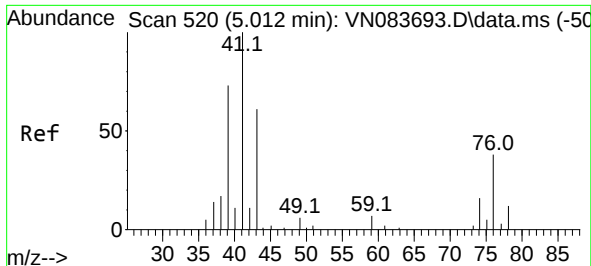
Tgt Ion: 76 Resp: 111732

Ion Ratio Lower Upper

76 100

78 7.7 6.3 9.5

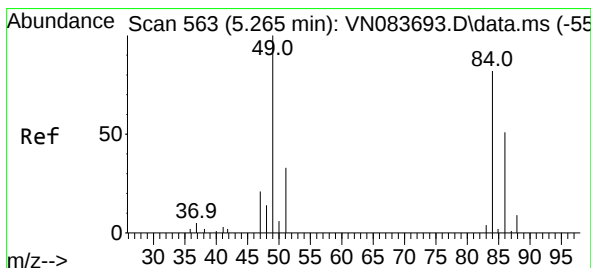
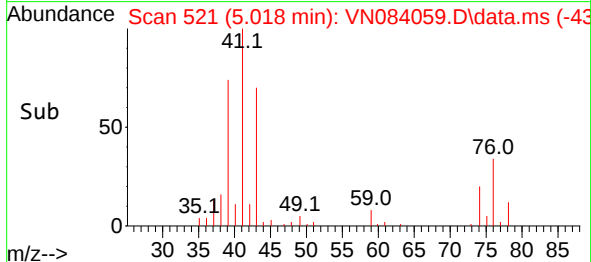
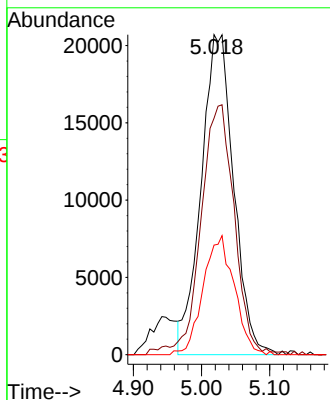
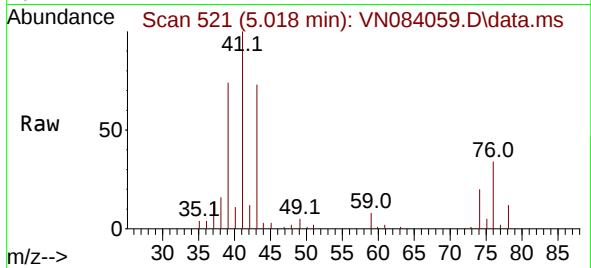




#17
 Allyl chloride
 Concen: 19.913 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

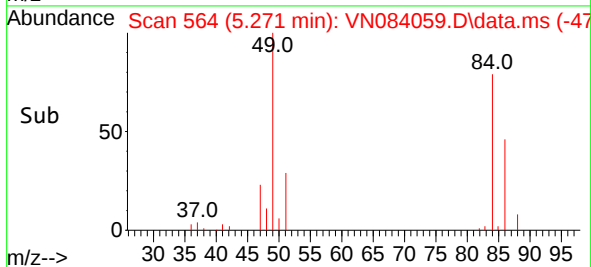
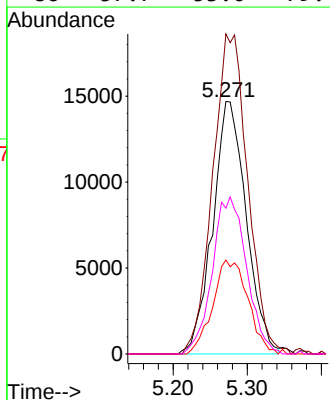
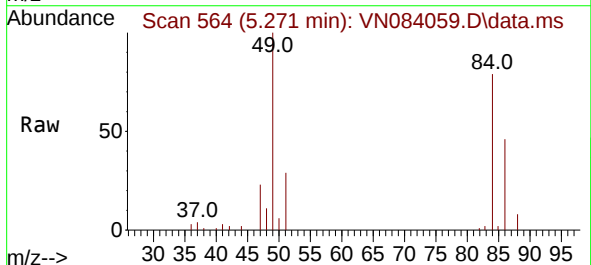
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

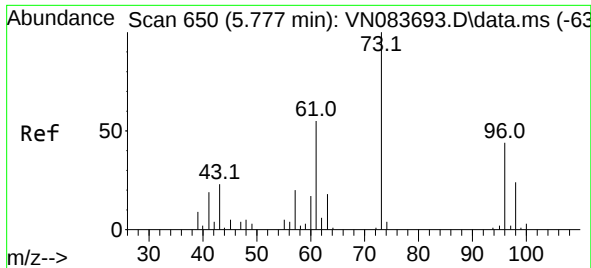
Tgt Ion: 41 Resp: 68772
 Ion Ratio Lower Upper
 41 100
 39 73.1 37.6 112.9
 76 34.3 27.8 83.4



#18
 Methylene Chloride
 Concen: 21.412 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

Tgt Ion: 84 Resp: 46134
 Ion Ratio Lower Upper
 84 100
 49 126.7 86.0 129.0
 51 37.2 30.0 45.0
 86 57.7 53.0 79.4

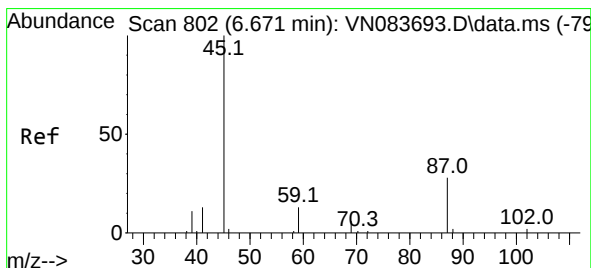
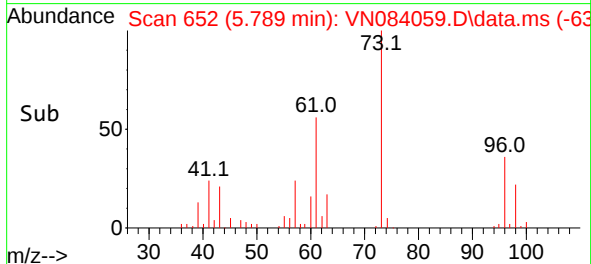
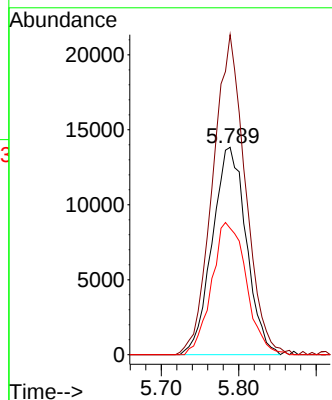
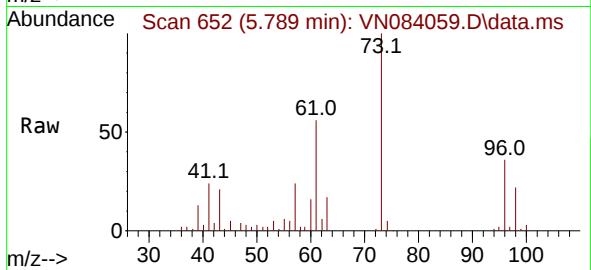




#19
trans-1,2-Dichloroethene
Concen: 20.641 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

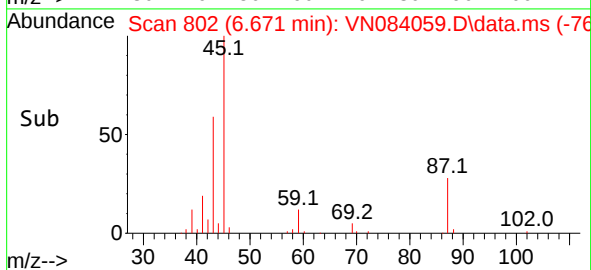
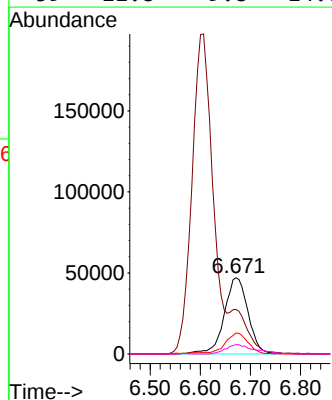
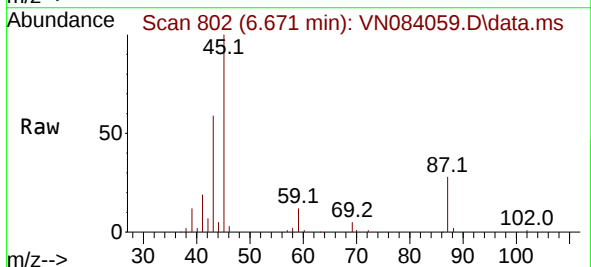
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

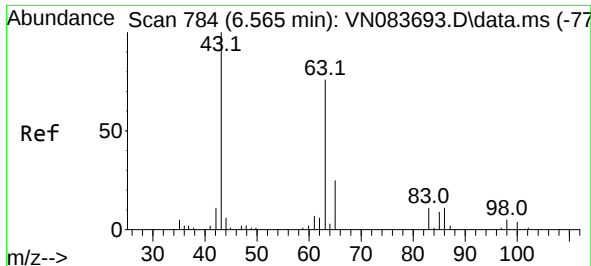
Tgt Ion: 96 Resp: 42132
Ion Ratio Lower Upper
96 100
61 153.2 111.8 167.6
98 61.0 49.2 73.8



#20
Diisopropyl ether
Concen: 22.149 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 45 Resp: 154479
Ion Ratio Lower Upper
45 100
43 57.1 40.4 60.6
87 27.6 23.8 35.8
59 11.8 9.8 14.6

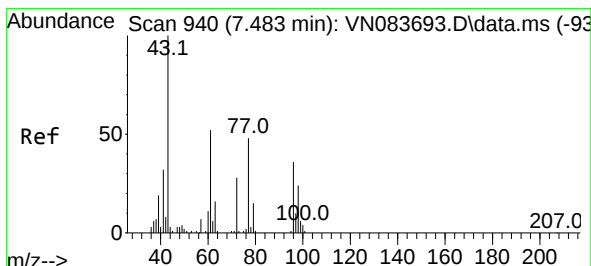
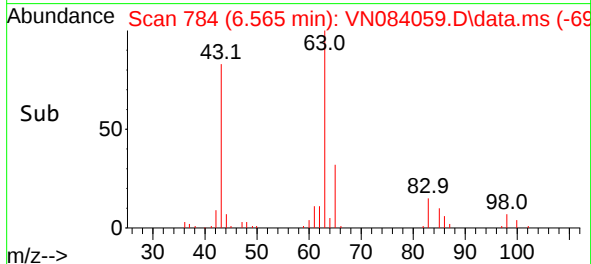
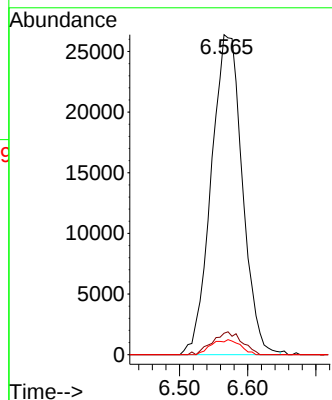
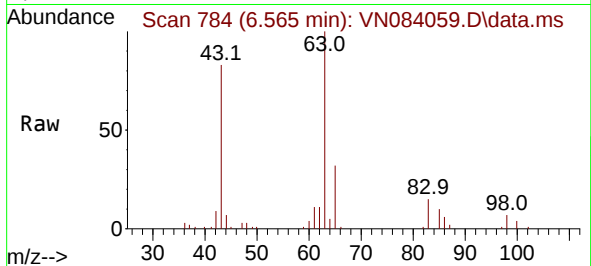




#21
1,1-Dichloroethane
Concen: 21.040 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

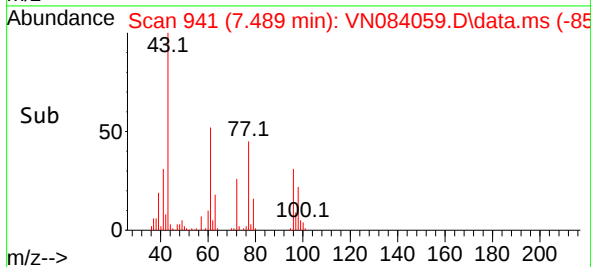
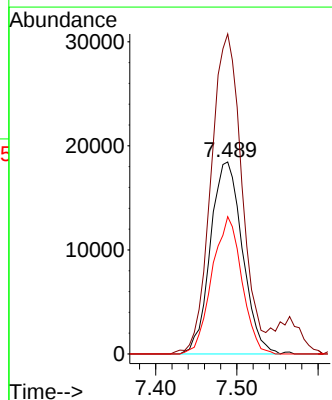
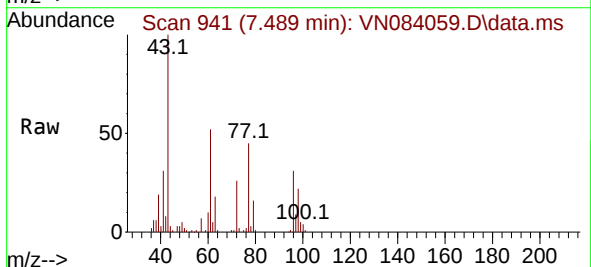
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

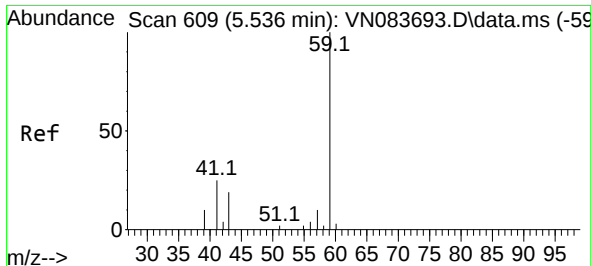
Tgt Ion: 63 Resp: 83784
Ion Ratio Lower Upper
63 100
98 6.7 4.1 12.3
100 4.0 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 20.339 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 96 Resp: 50528
Ion Ratio Lower Upper
96 100
61 160.9 113.5 170.3
98 66.5 52.0 78.0

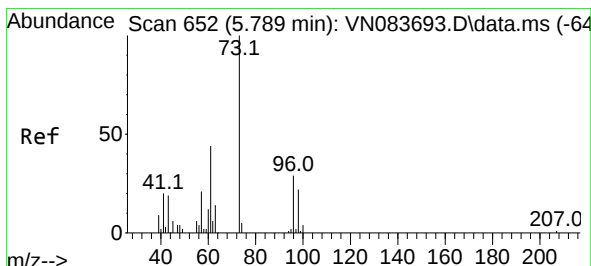
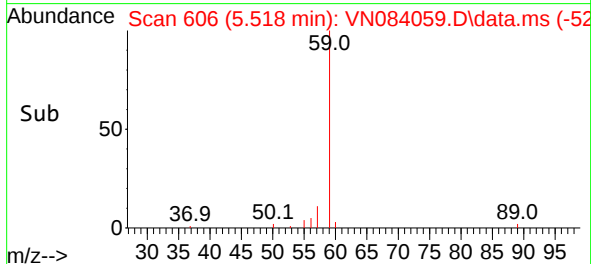
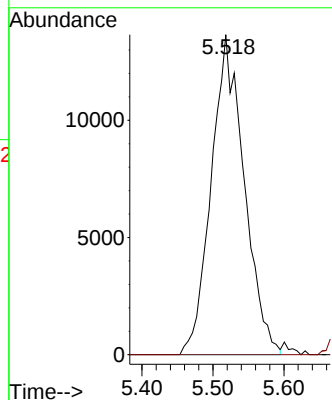
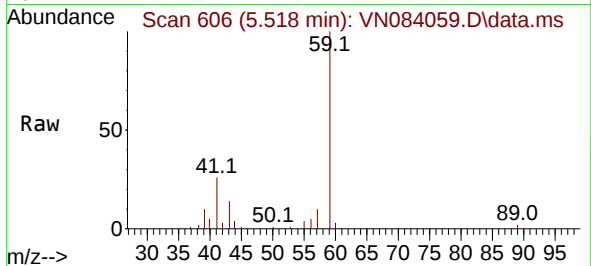




#23
tert-Butyl Alcohol
Concen: 124.587 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.017 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

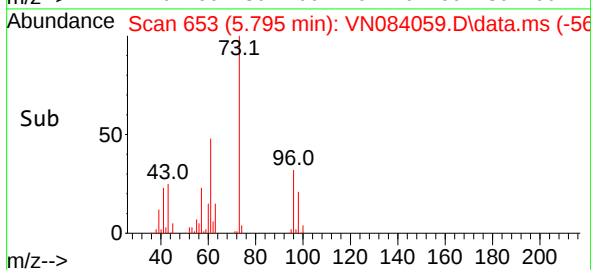
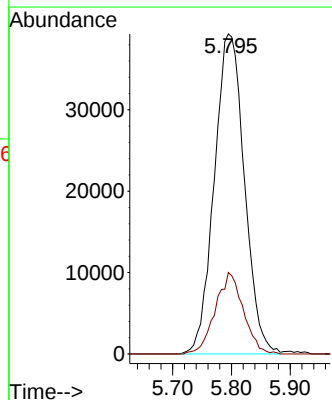
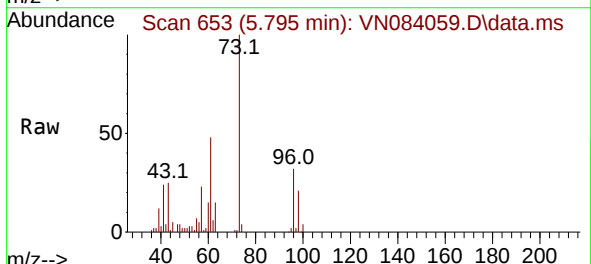
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

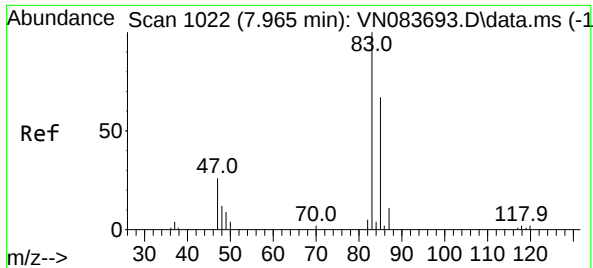
Tgt Ion: 59 Resp: 43943
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.009 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 73 Resp: 140035
Ion Ratio Lower Upper
73 100
43 23.6 13.4 20.2#

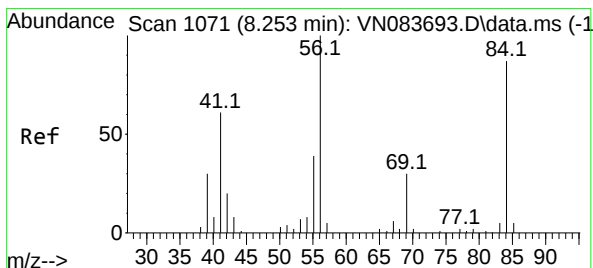
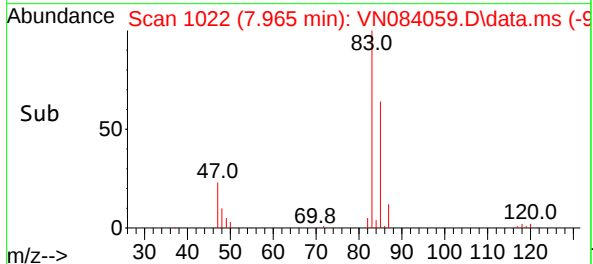
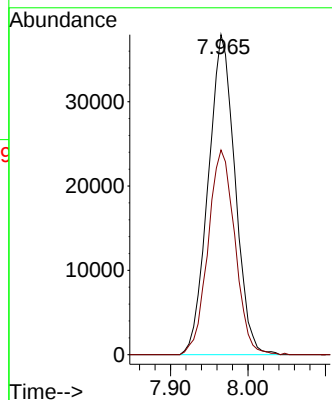
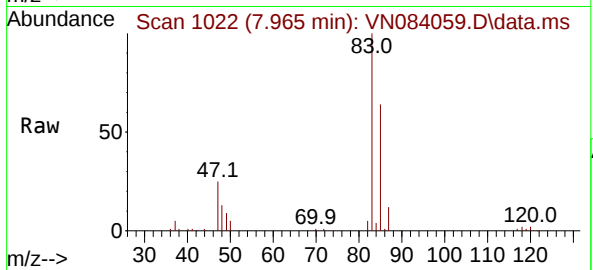




#25
Chloroform
Concen: 21.636 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

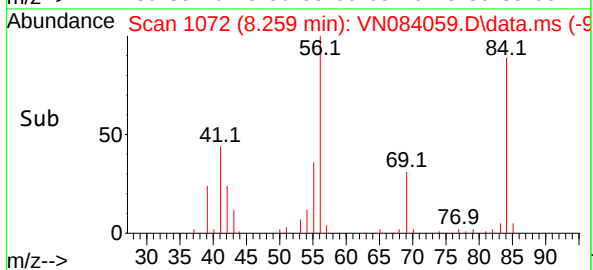
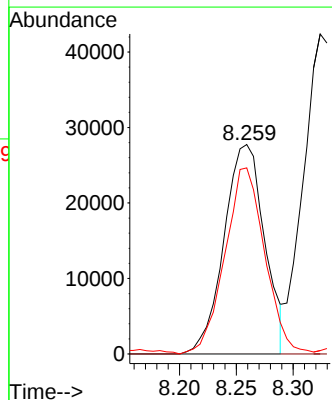
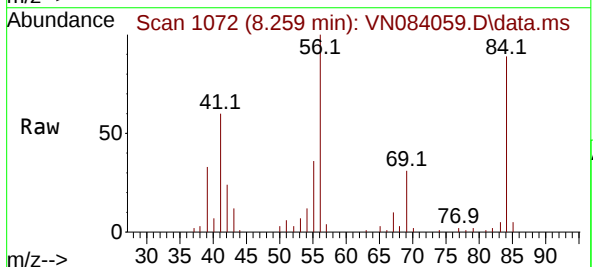
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

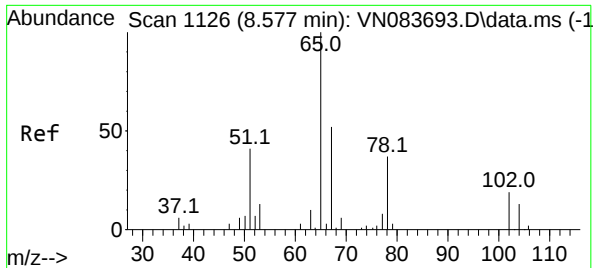
Tgt Ion: 83 Resp: 91305
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3



#26
Cyclohexane
Concen: 19.657 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 56 Resp: 68940
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.4 71.3 106.9

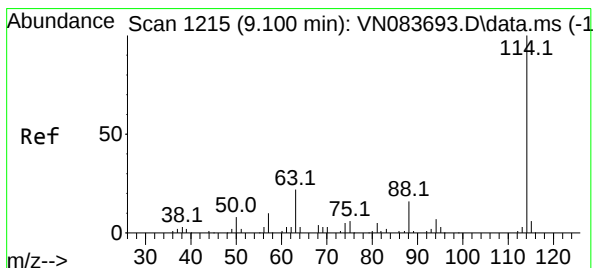
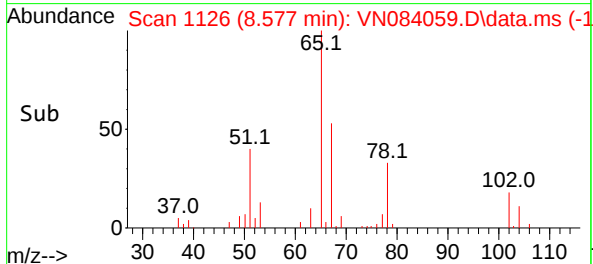
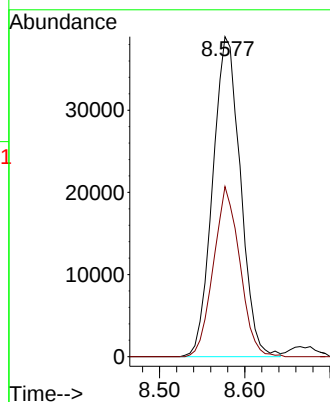
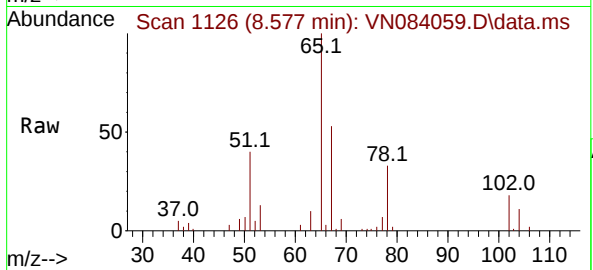




#27
1,2-Dichloroethane-d4
Concen: 30.370 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

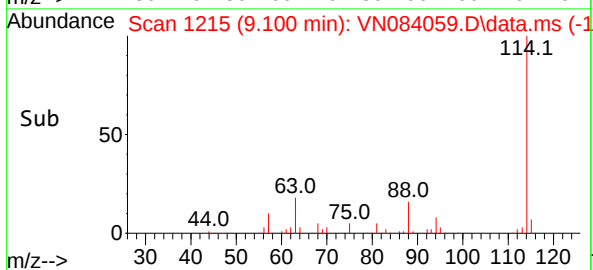
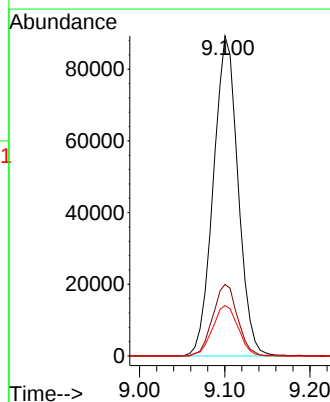
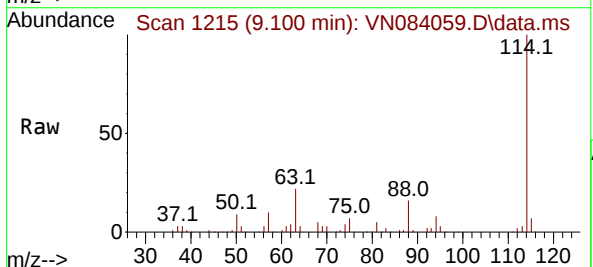
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

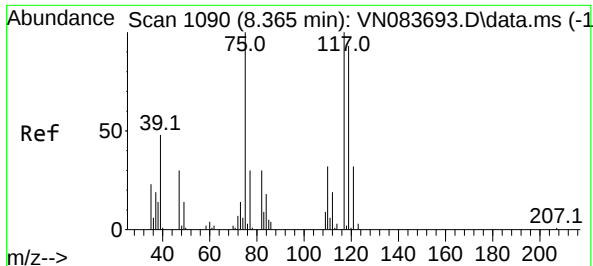
Tgt Ion: 65 Resp: 87965
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 114 Resp: 179569
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 16.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.708 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

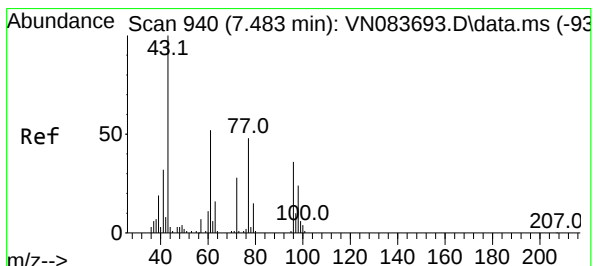
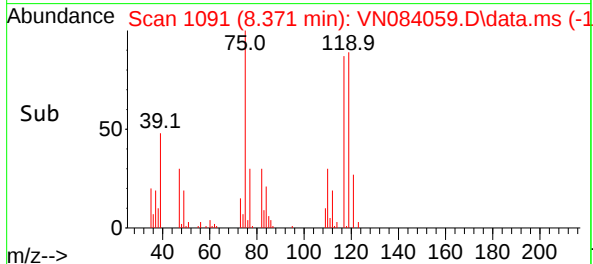
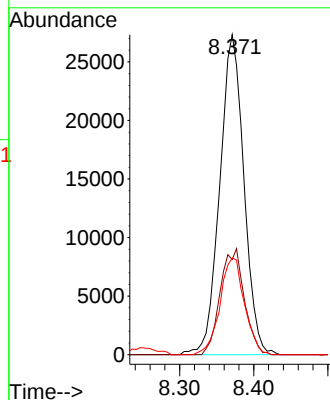
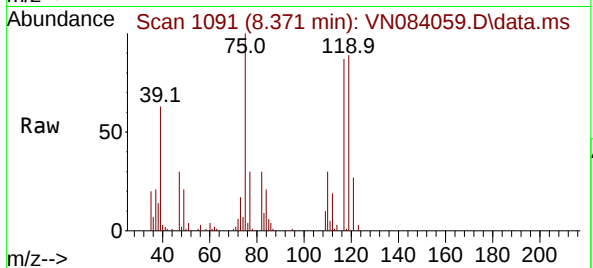
Tgt Ion: 75 Resp: 61830

Ion Ratio Lower Upper

75 100

110 33.1 0.0 70.2

77 30.7 0.0 61.4



#30

2-Butanone

Concen: 123.088 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

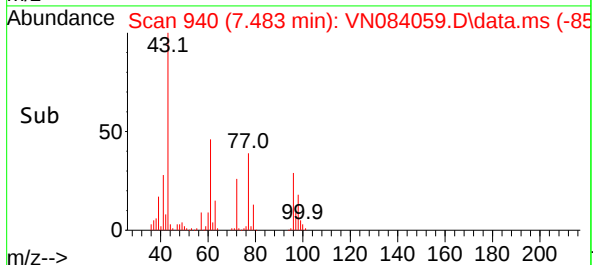
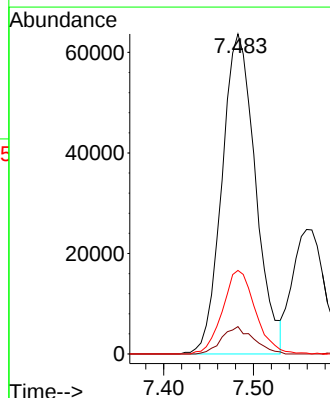
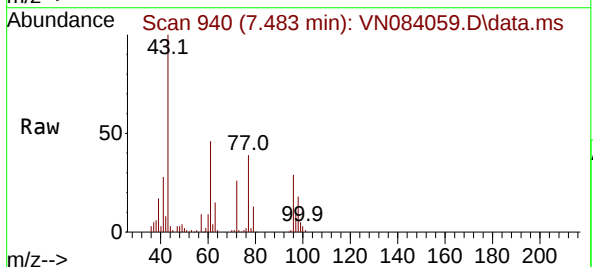
Tgt Ion: 43 Resp: 165259

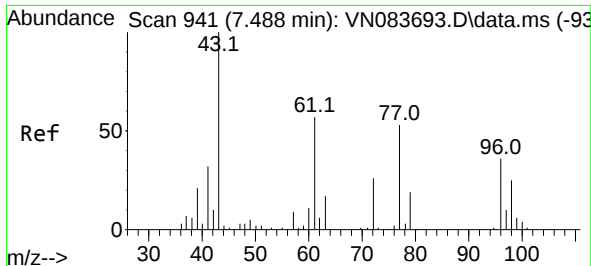
Ion Ratio Lower Upper

43 100

57 8.1 6.7 10.1

72 25.5 24.0 36.0

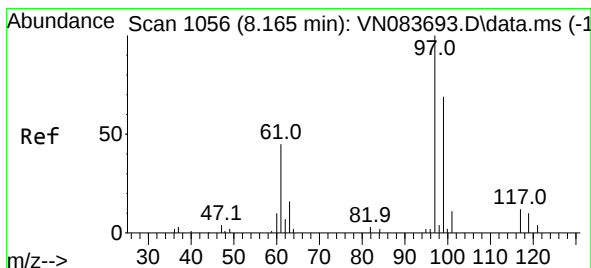
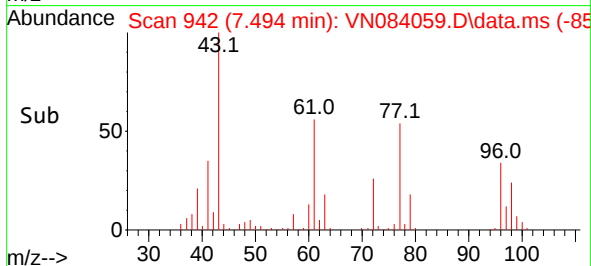
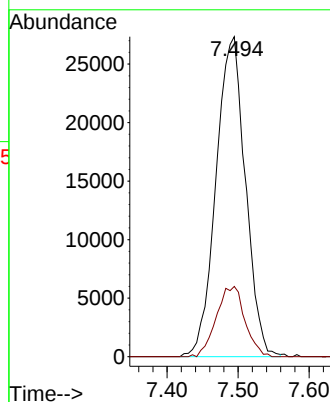
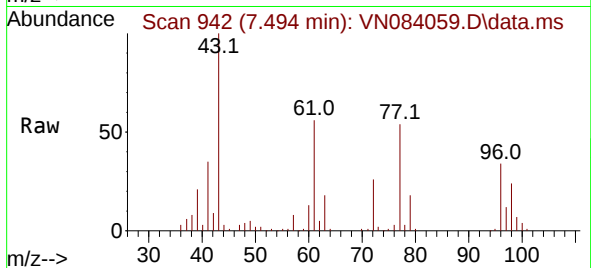




#31
2,2-Dichloropropane
Concen: 21.659 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

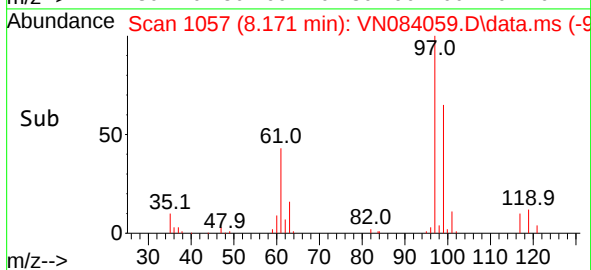
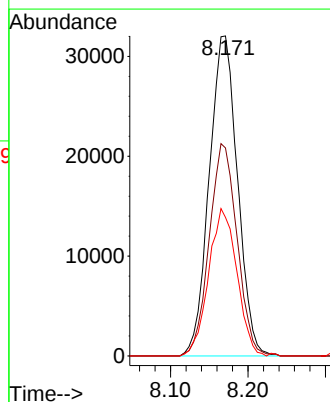
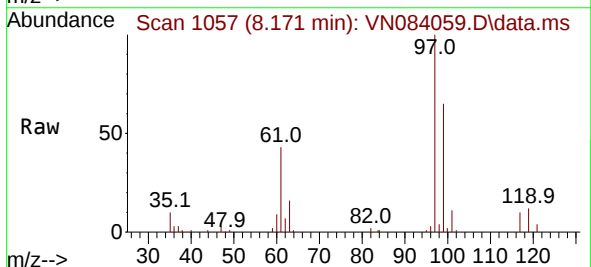
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

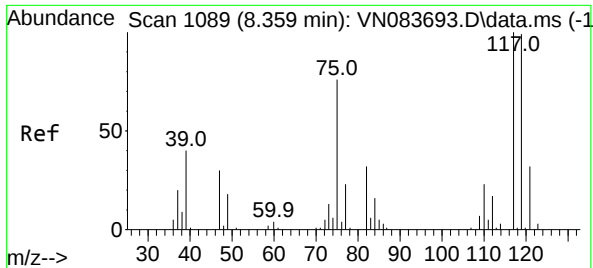
Tgt Ion: 77 Resp: 78650
Ion Ratio Lower Upper
77 100
97 21.2 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 21.432 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 97 Resp: 81523
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 45.9 33.8 50.8

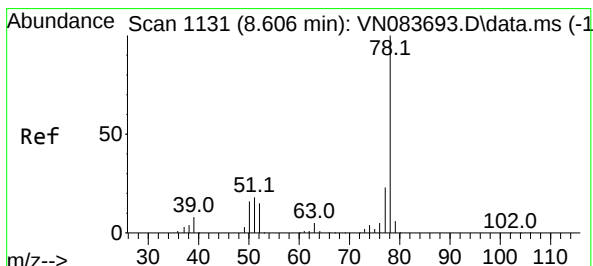
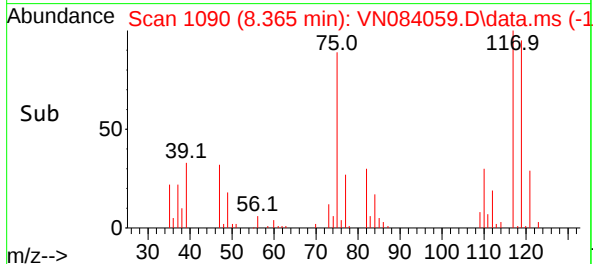
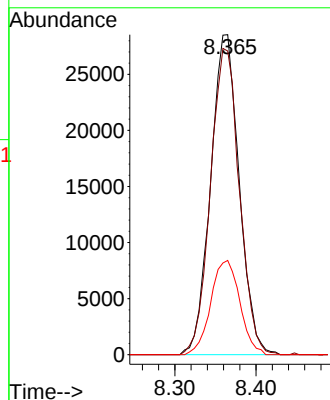
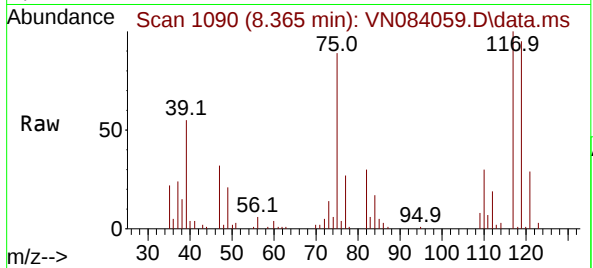




#33
Carbon Tetrachloride
Concen: 21.205 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

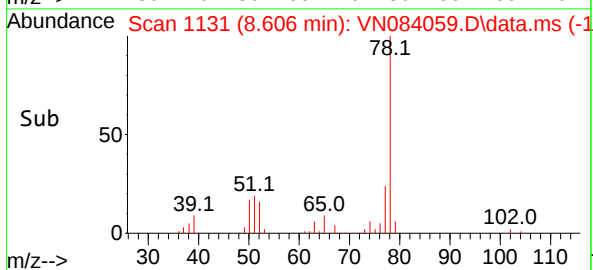
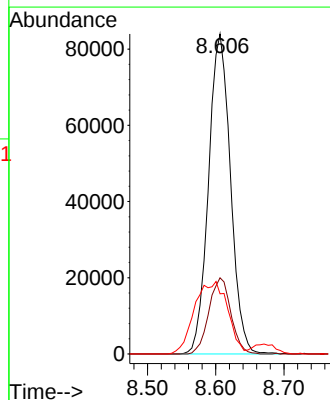
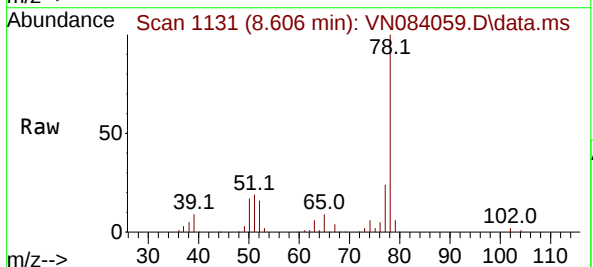
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

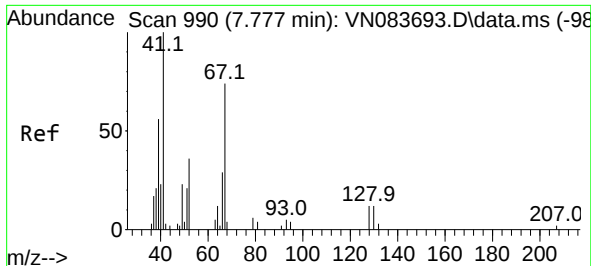
Tgt Ion:117 Resp: 69851
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5
121 29.4 27.0 40.6



#34
Benzene
Concen: 22.025 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 78 Resp: 188227
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8
51 17.7 13.3 19.9

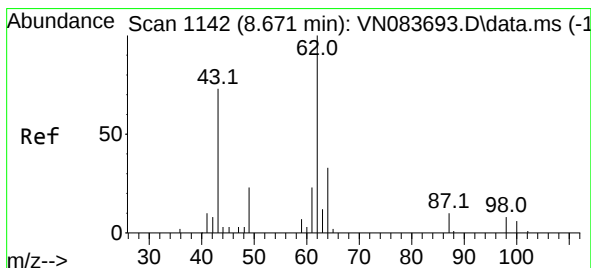
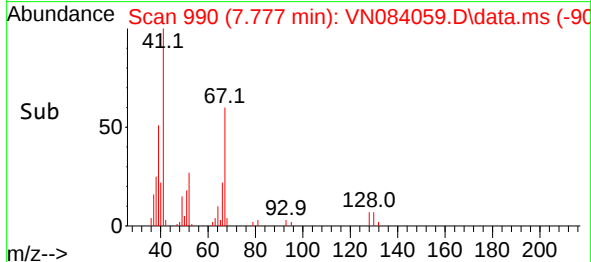
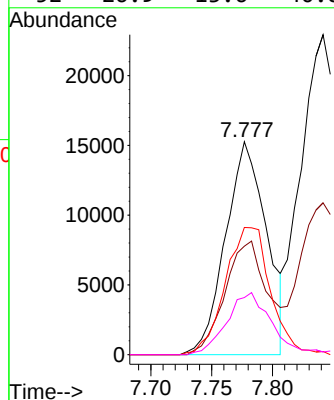
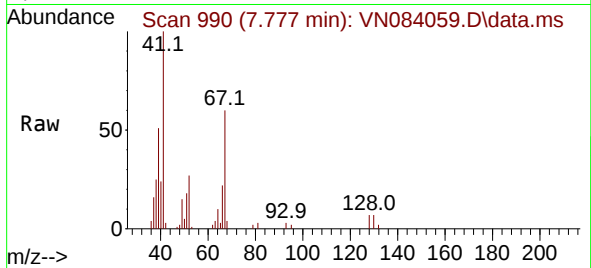




#35
Methacrylonitrile
Concen: 23.691 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

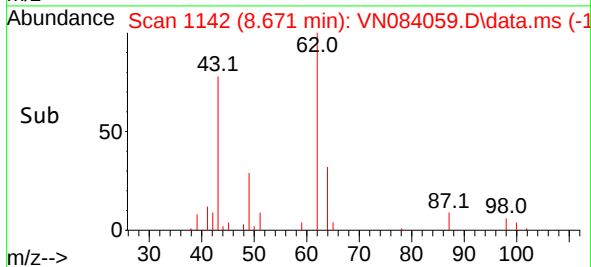
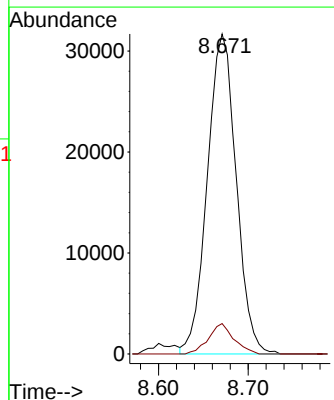
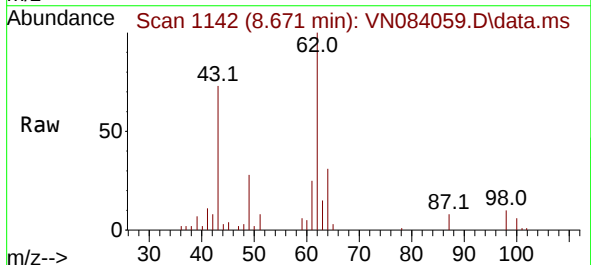
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

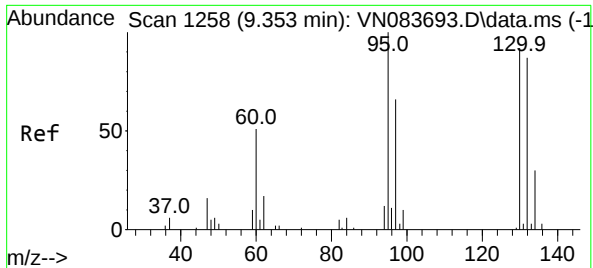
Tgt Ion:	41	Resp:	35757
Ion Ratio	Lower	Upper	
41	100		
39	50.9	25.3	75.9
67	59.7	38.7	116.1
52	26.9	13.6	40.8



#36
1,2-Dichloroethane
Concen: 22.045 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:	62	Resp:	70826
Ion Ratio	Lower	Upper	
62	100		
98	8.3	8.2	12.4





#37

Trichloroethene

Concen: 21.399 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

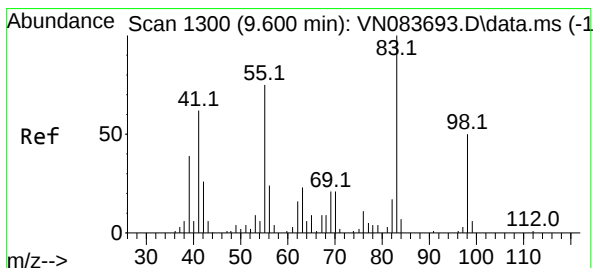
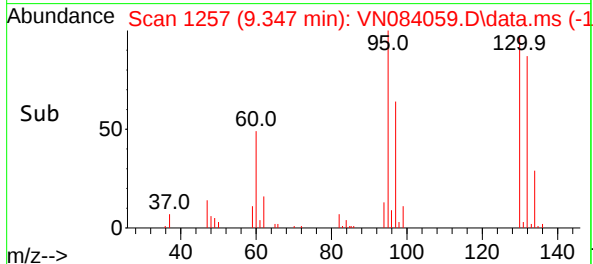
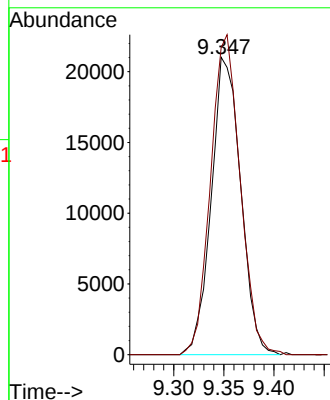
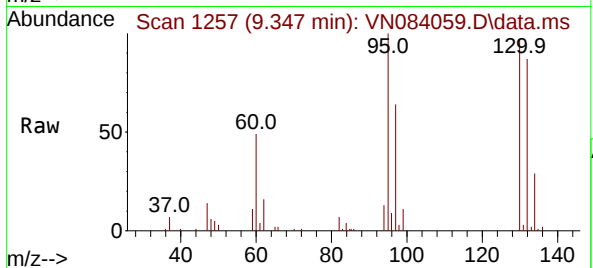
VN0920WBS01

Tgt Ion:130 Resp: 42944

Ion Ratio Lower Upper

130 100

95 103.2 80.2 120.4



#38

Methylcyclohexane

Concen: 20.097 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

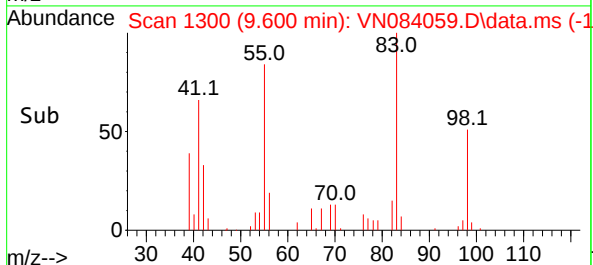
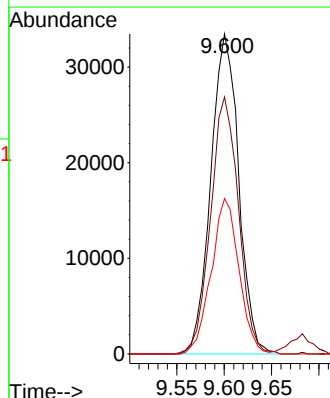
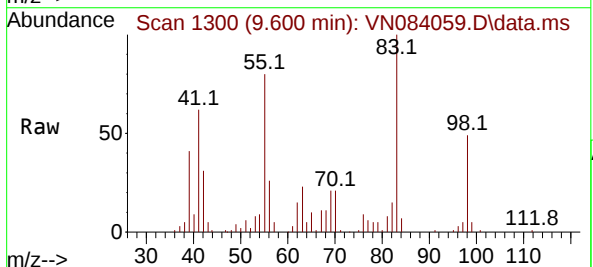
Tgt Ion: 83 Resp: 68531

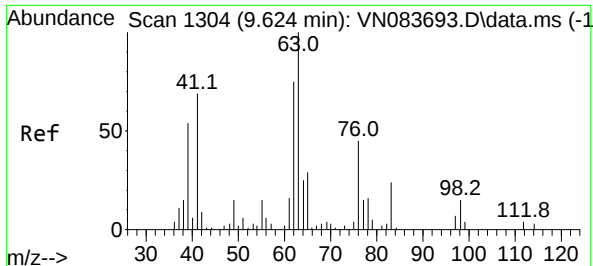
Ion Ratio Lower Upper

83 100

55 80.3 36.6 109.9

98 48.4 23.8 71.5

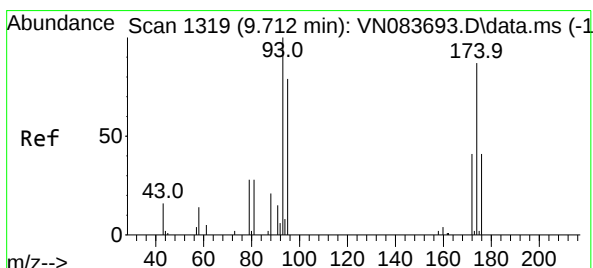
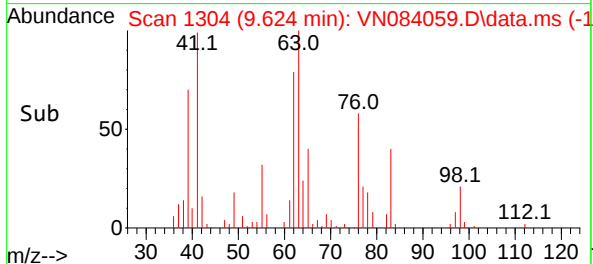
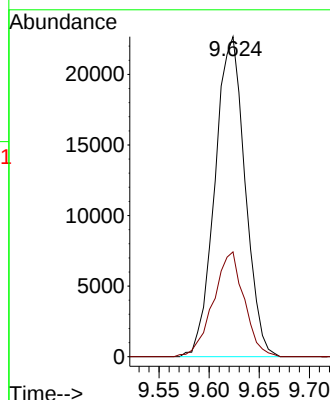
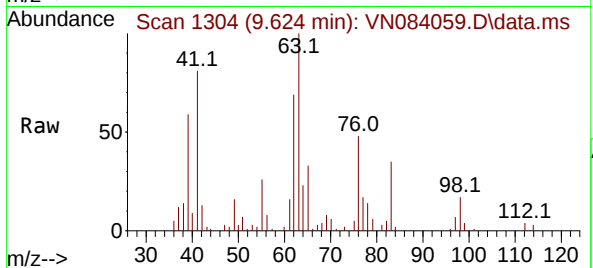




#39
1,2-Dichloropropane
Concen: 23.055 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

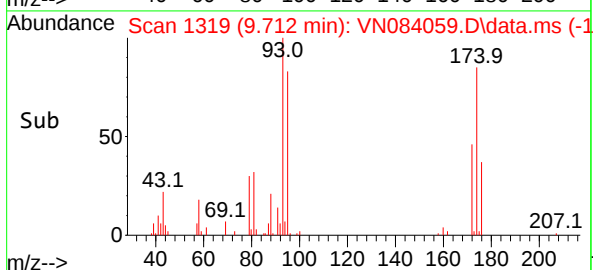
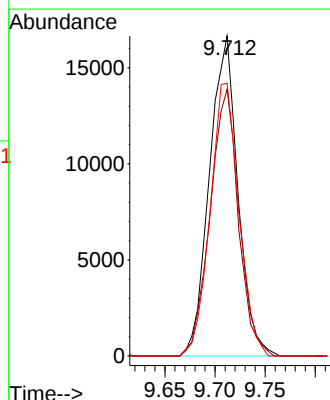
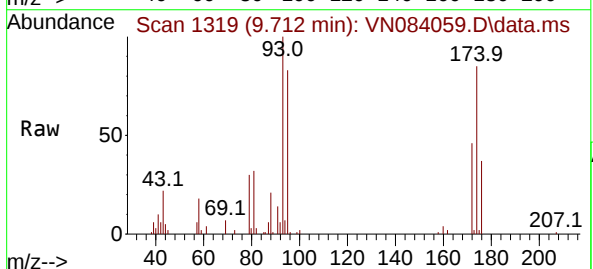
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

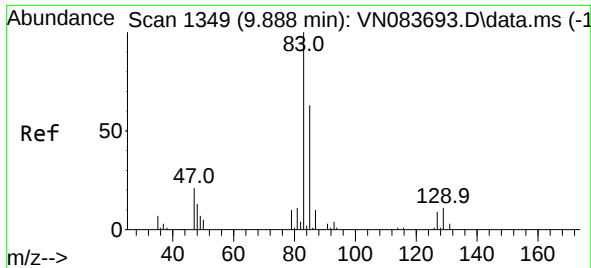
Tgt Ion: 63 Resp: 47419
Ion Ratio Lower Upper
63 100
65 32.8 25.0 37.4



#40
Dibromomethane
Concen: 21.839 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 93 Resp: 32844
Ion Ratio Lower Upper
93 100
95 82.6 0.0 164.6
174 86.1 0.0 193.2

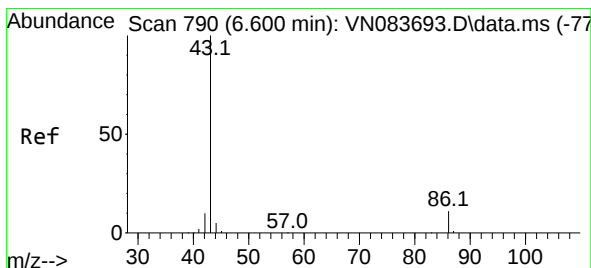
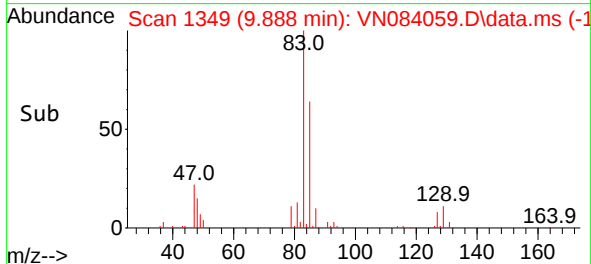
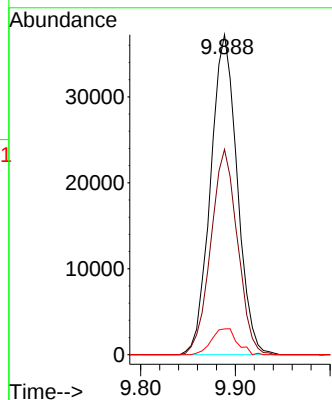
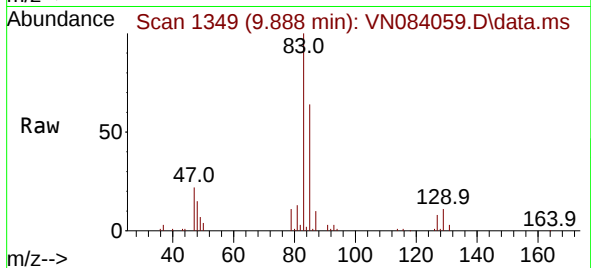




#41
Bromodichloromethane
Concen: 22.718 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

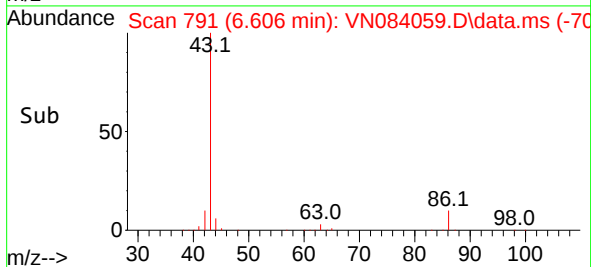
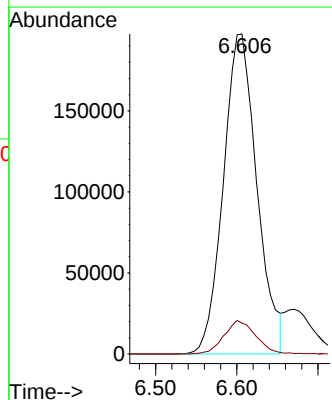
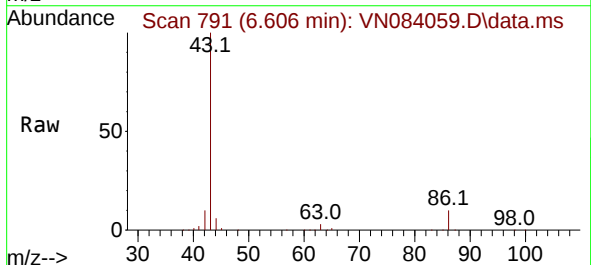
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

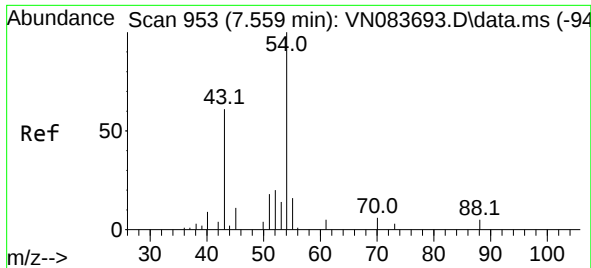
Tgt Ion: 83 Resp: 72651
Ion Ratio Lower Upper
83 100
85 64.2 49.4 74.2
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 102.900 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 43 Resp: 568022
Ion Ratio Lower Upper
43 100
86 9.9 9.4 14.2

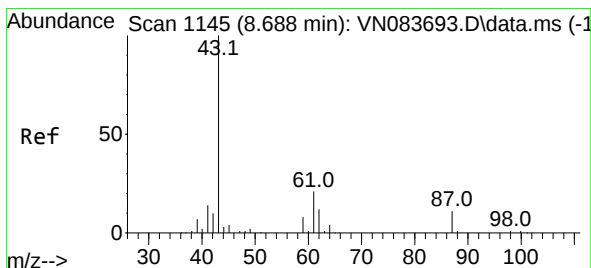
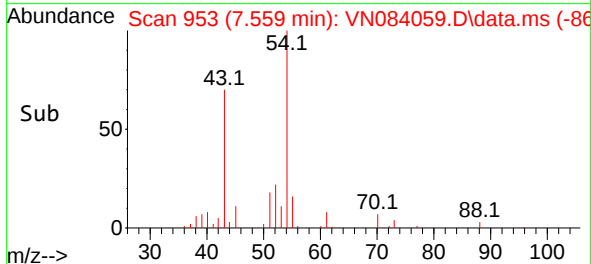
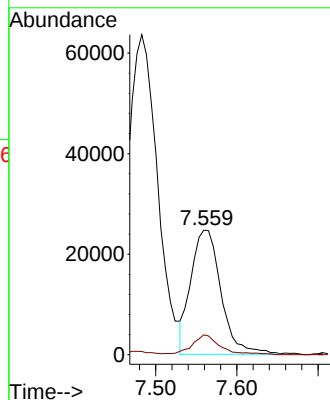
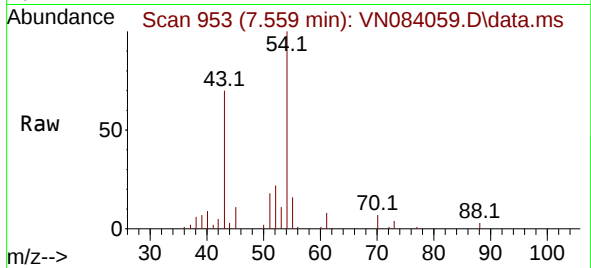




#43
Ethyl Acetate
Concen: 23.581 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

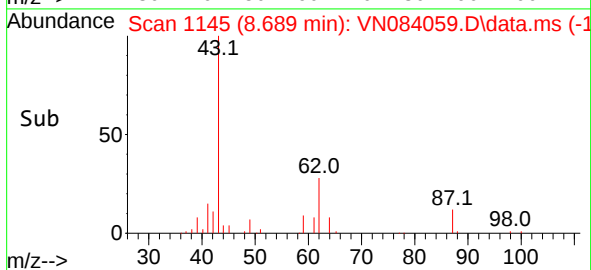
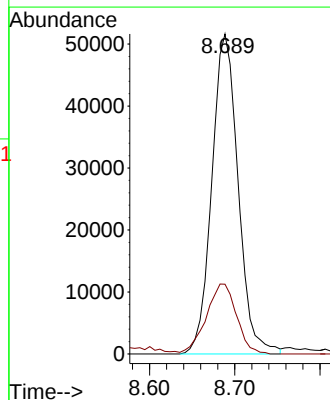
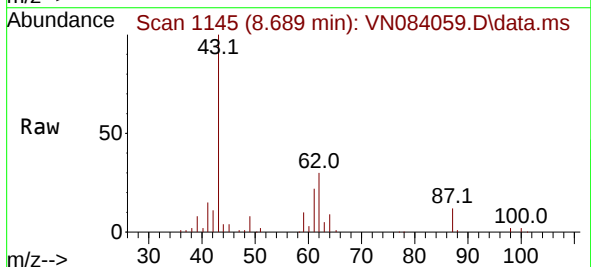
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

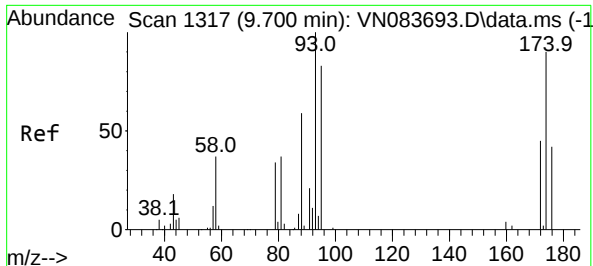
Tgt Ion: 43 Resp: 63724
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8



#44
Isopropyl Acetate
Concen: 23.696 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 43 Resp: 110757
Ion Ratio Lower Upper
43 100
61 25.1 25.0 37.4





#45

1,4-Dioxane

Concen: 487.548 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

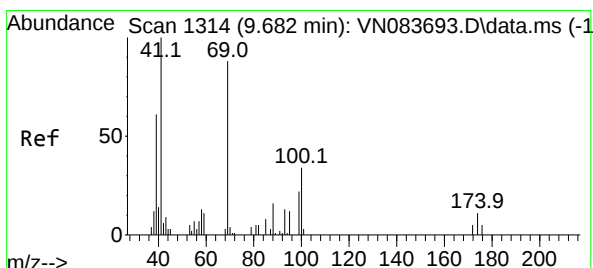
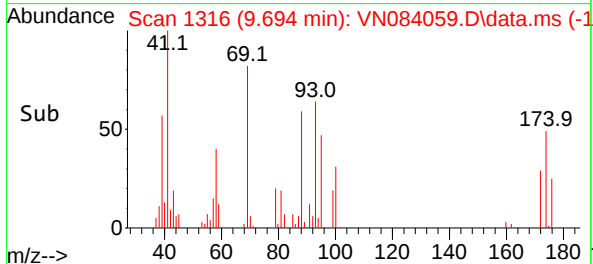
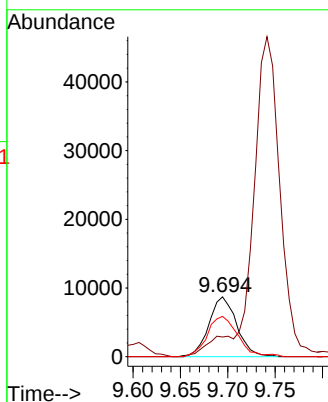
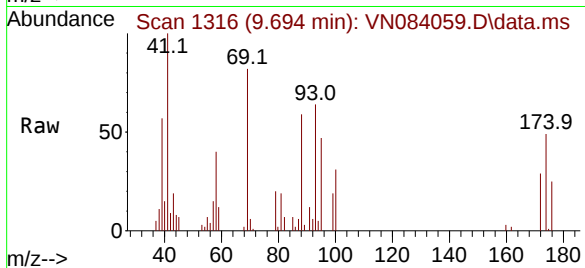
Tgt Ion: 88 Resp: 17774

Ion Ratio Lower Upper

88 100

43 34.0 19.8 29.6#

58 72.2 55.4 83.0



#46

Methyl methacrylate

Concen: 22.984 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

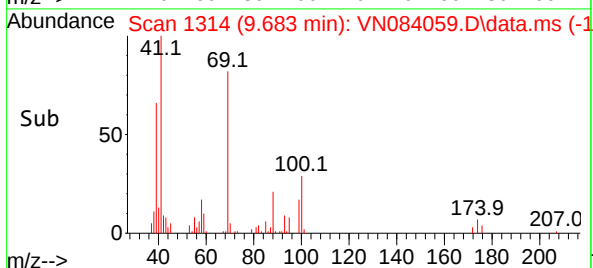
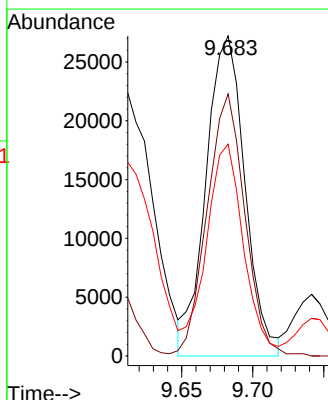
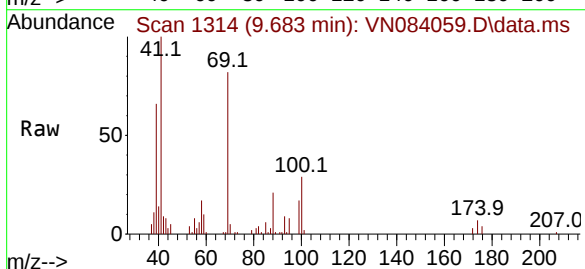
Tgt Ion: 41 Resp: 51997

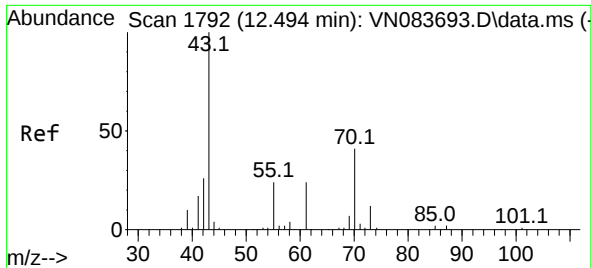
Ion Ratio Lower Upper

41 100

69 85.1 51.1 153.3

39 67.1 25.8 77.3

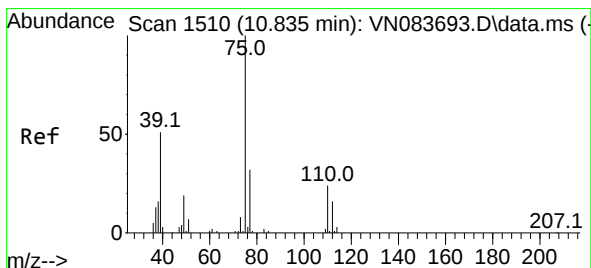
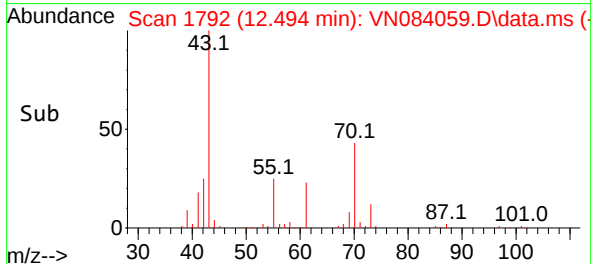
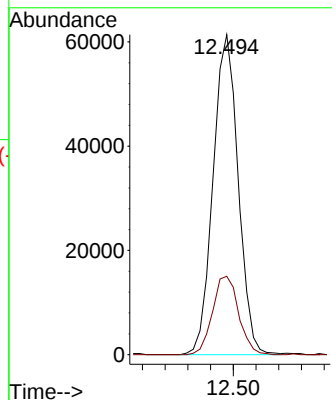
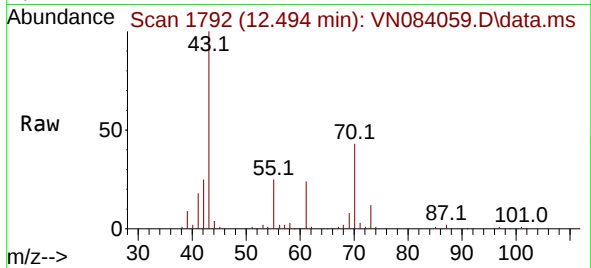




#47
n-amyl acetate
Concen: 22.776 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

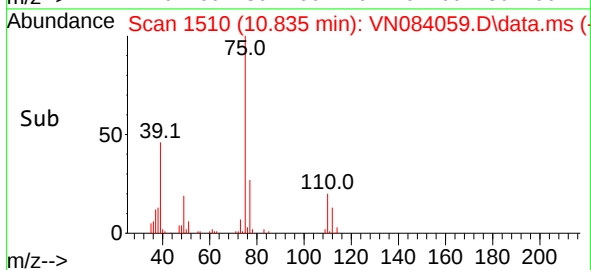
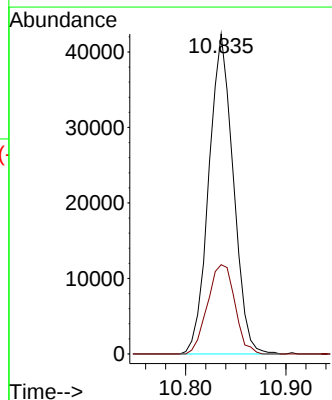
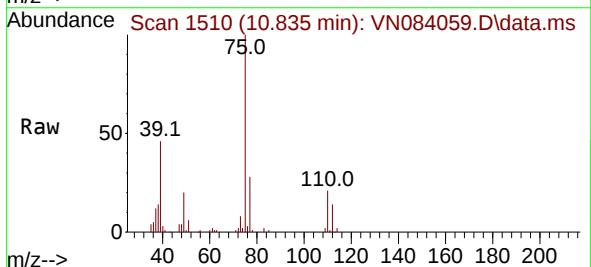
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

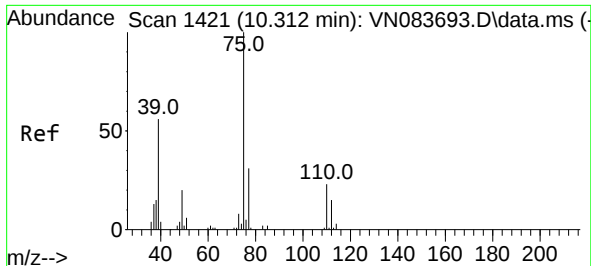
Tgt Ion: 43 Resp: 94300
Ion Ratio Lower Upper
43 100
55 25.5 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 21.337 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 75 Resp: 71774
Ion Ratio Lower Upper
75 100
77 27.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 21.375 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

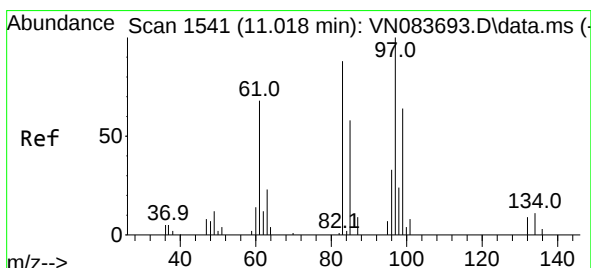
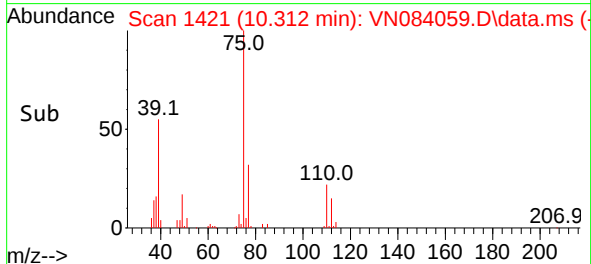
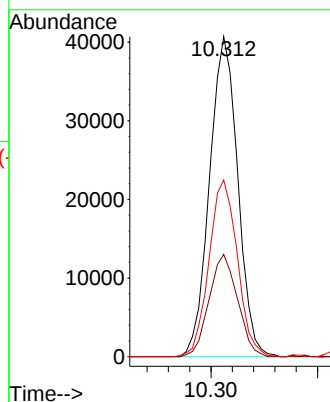
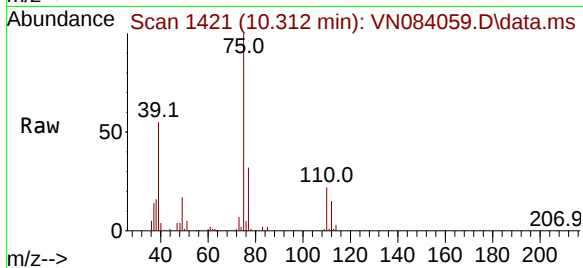
Tgt Ion: 75 Resp: 74777

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 55.2 31.0 46.6#



#50

1,1,2-Trichloroethane

Concen: 22.840 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Tgt Ion: 97 Resp: 43707

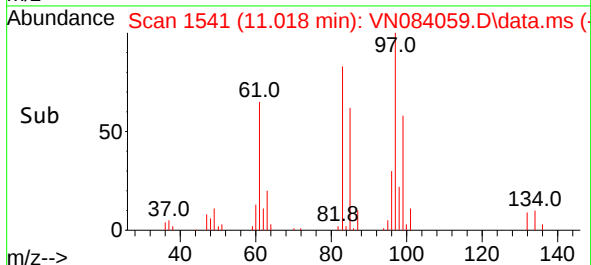
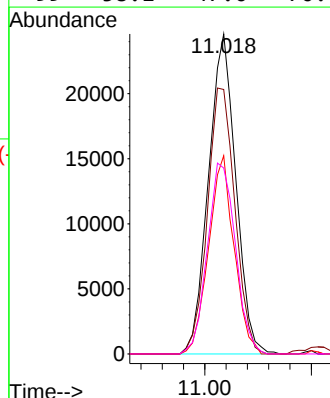
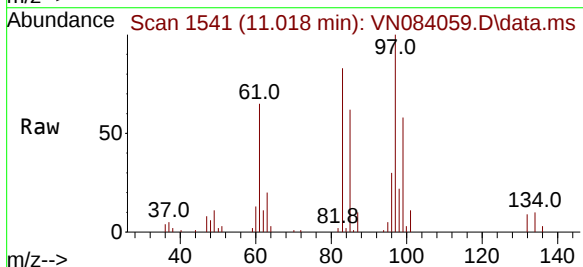
Ion Ratio Lower Upper

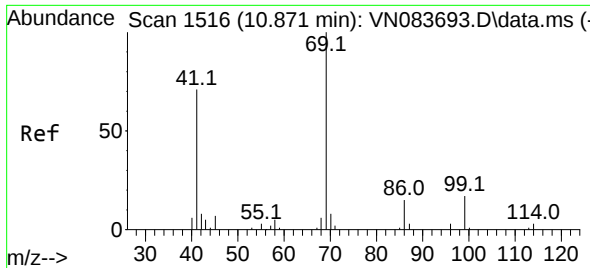
97 100

83 82.6 68.1 102.1

85 62.0 41.8 62.6

99 58.1 47.0 70.4

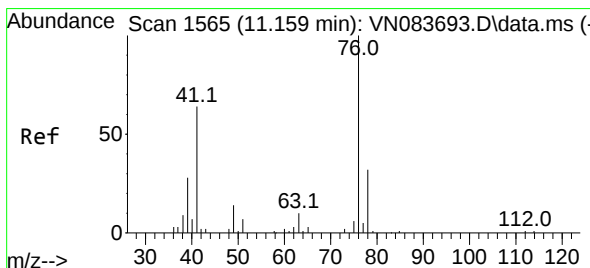
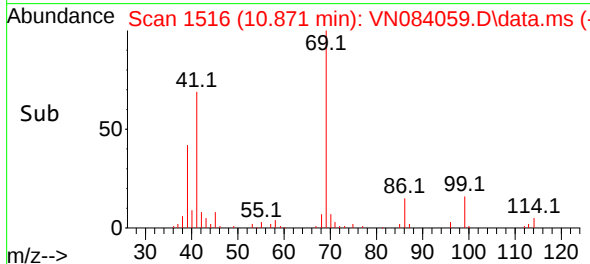
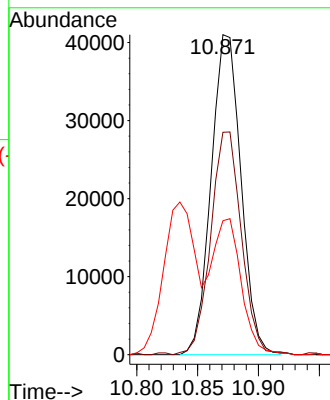
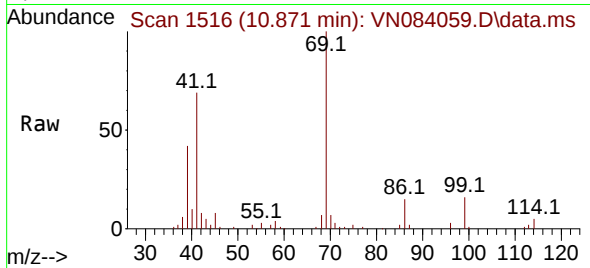




#51
Ethyl methacrylate
Concen: 21.404 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

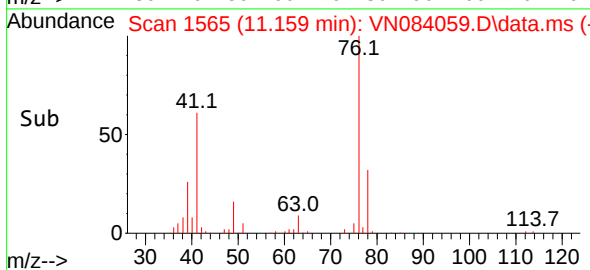
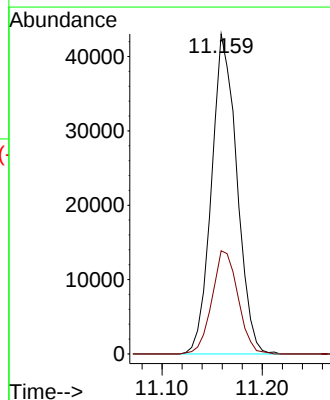
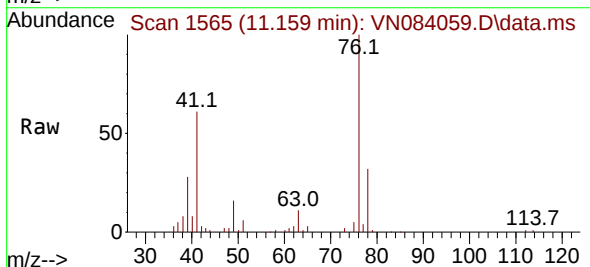
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

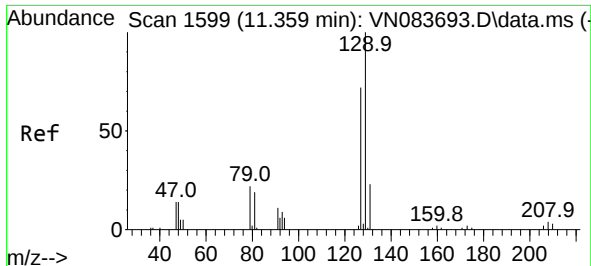
Tgt Ion: 69 Resp: 69979
Ion Ratio Lower Upper
69 100
41 68.8 25.5 76.5
39 41.4 16.0 47.9



#52
1,3-Dichloropropane
Concen: 21.880 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 76 Resp: 75614
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.8

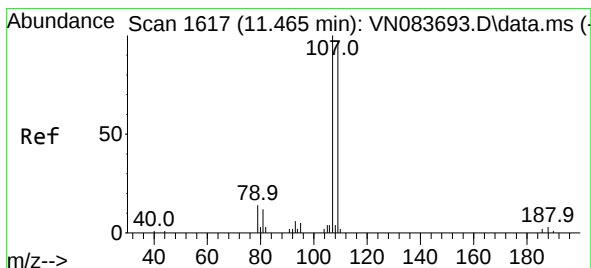
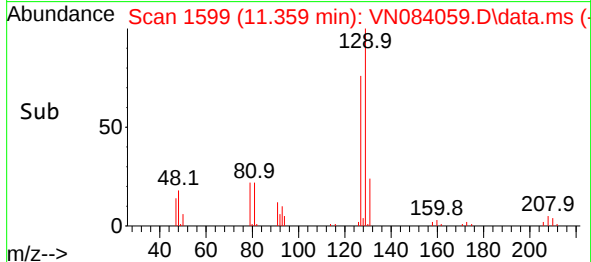
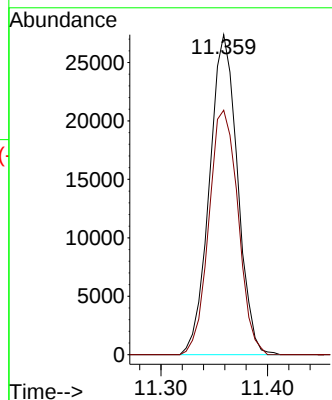
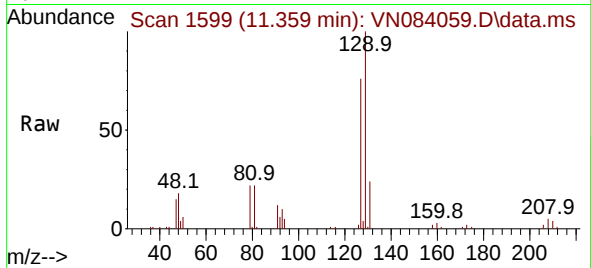




#53
Dibromochloromethane
Concen: 21.861 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

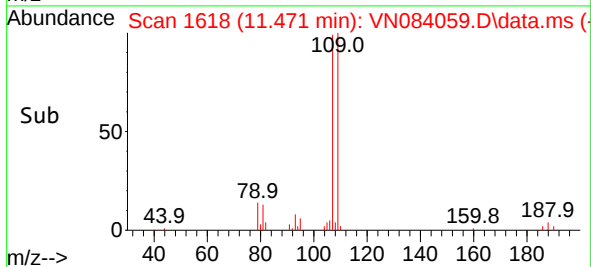
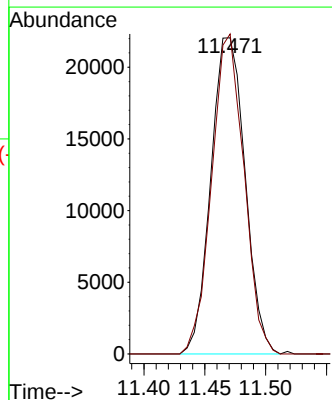
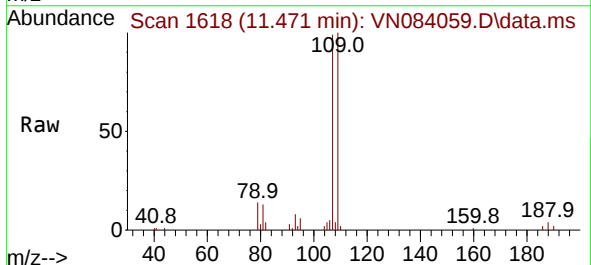
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

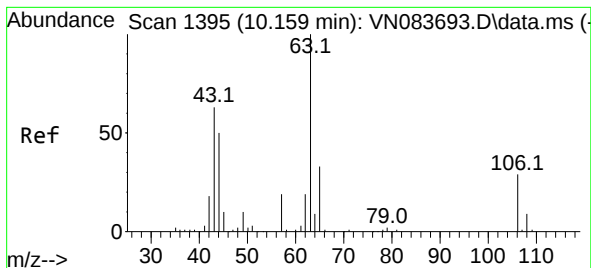
Tgt Ion:129 Resp: 50178
Ion Ratio Lower Upper
129 100
127 79.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 21.751 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:107 Resp: 43060
Ion Ratio Lower Upper
107 100
109 95.4 74.7 112.1

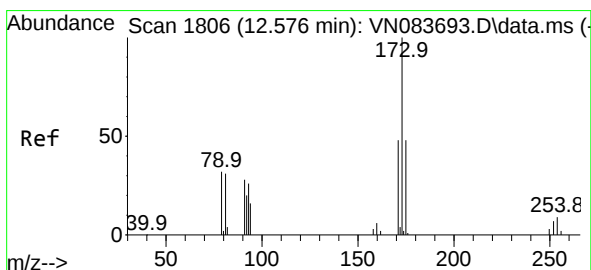
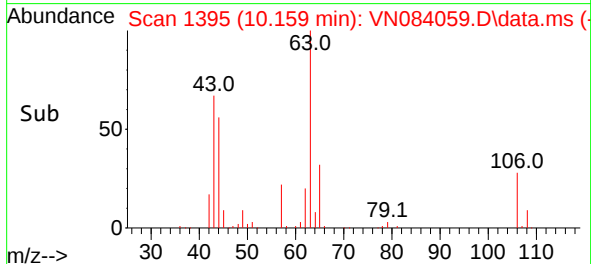
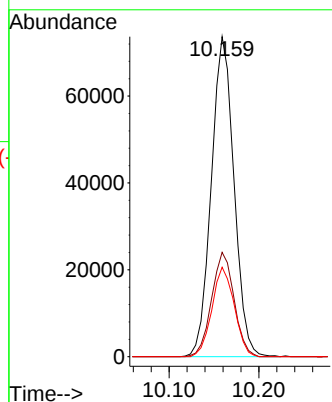
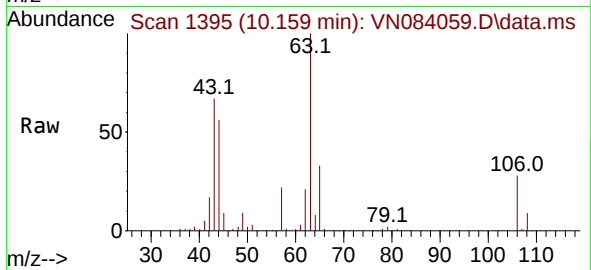




#55
2-Chloroethyl vinyl ether
Concen: 99.183 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

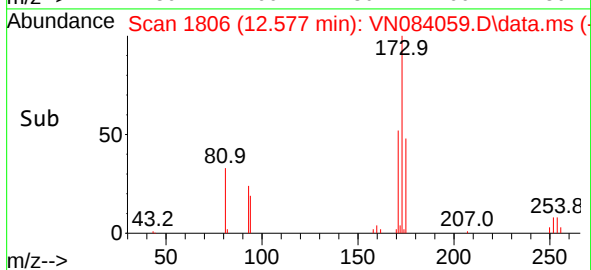
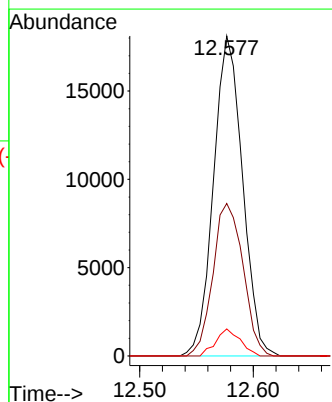
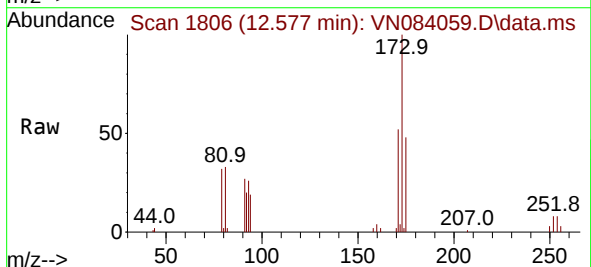
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

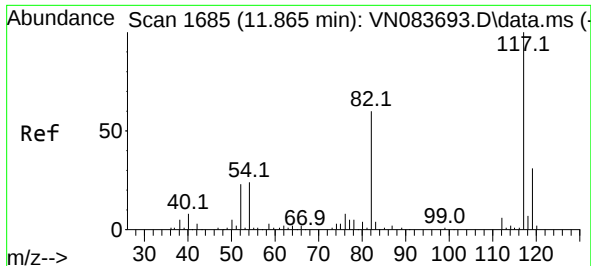
Tgt Ion: 63 Resp: 129229
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 27.5 23.8 35.8



#56
Bromoform
Concen: 22.016 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 173 Resp: 32105
Ion Ratio Lower Upper
173 100
175 49.4 40.0 60.0
254 7.1 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

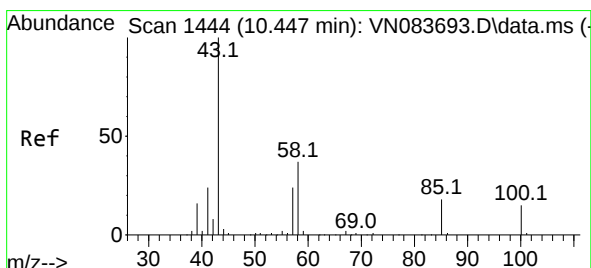
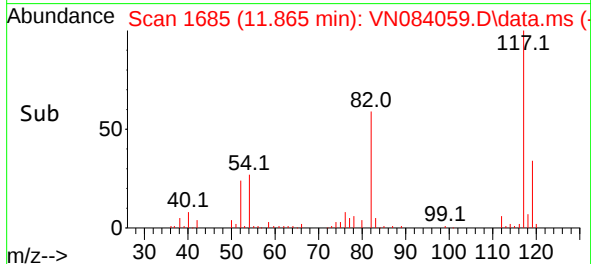
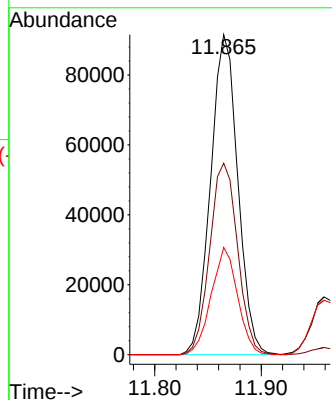
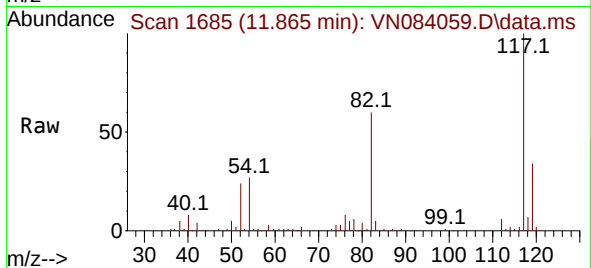
Tgt Ion:117 Resp: 162643

Ion Ratio Lower Upper

117 100

82 61.3 46.6 69.8

119 32.5 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 124.684 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

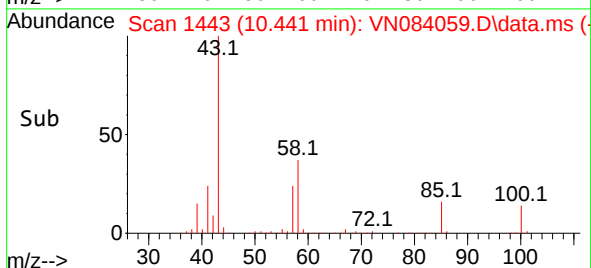
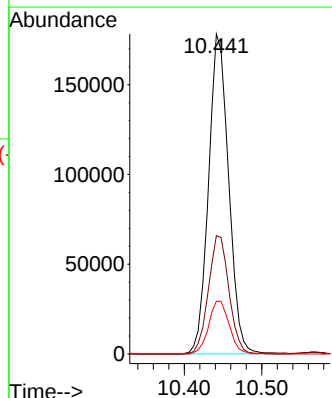
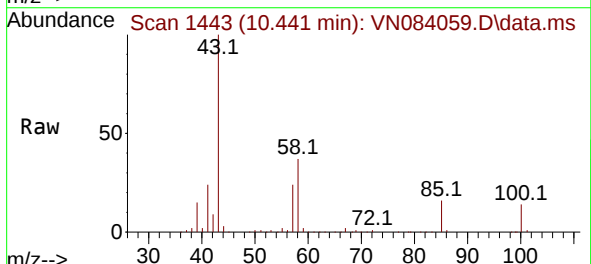
Tgt Ion: 43 Resp: 321548

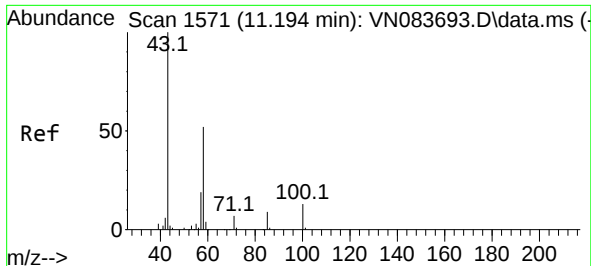
Ion Ratio Lower Upper

43 100

58 37.8 36.5 54.7

85 16.8 19.5 29.3#

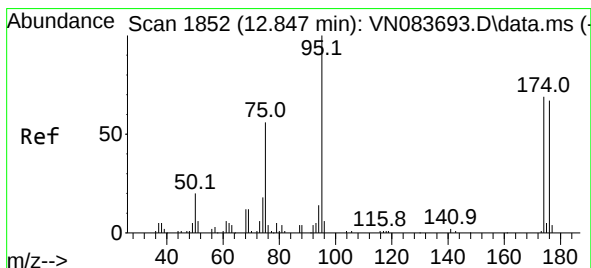
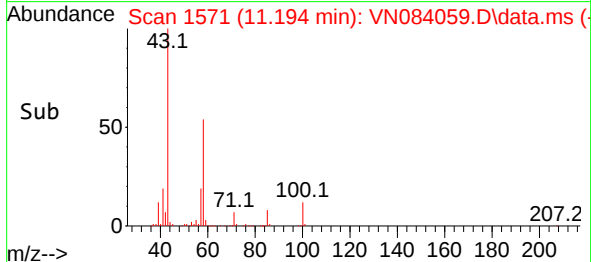
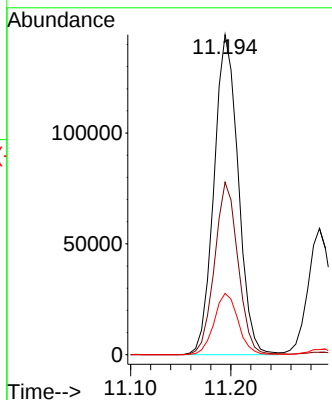
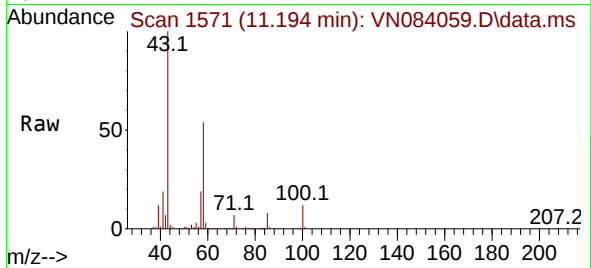




#59
2-Hexanone
Concen: 124.071 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

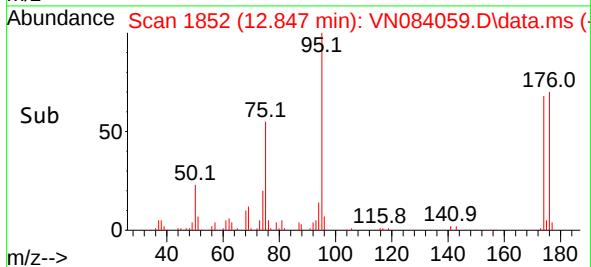
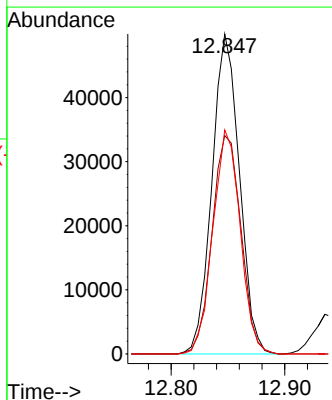
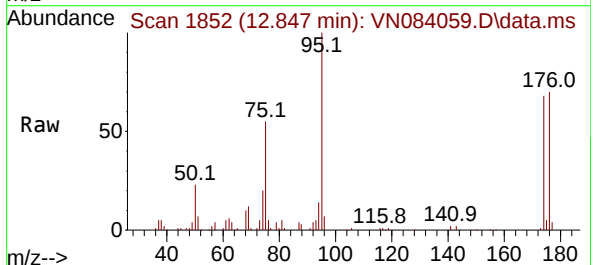
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

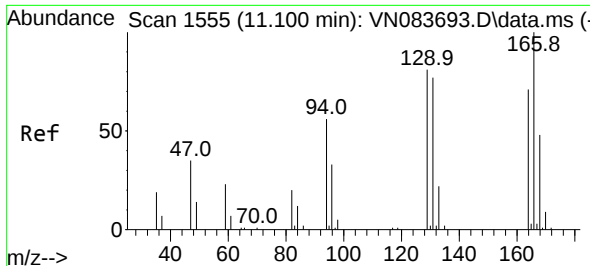
Tgt Ion: 43 Resp: 241771
Ion Ratio Lower Upper
43 100
58 52.2 50.4 75.6
57 19.0 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 29.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 95 Resp: 83890
Ion Ratio Lower Upper
95 100
174 71.9 60.5 90.7
176 69.7 57.8 86.6

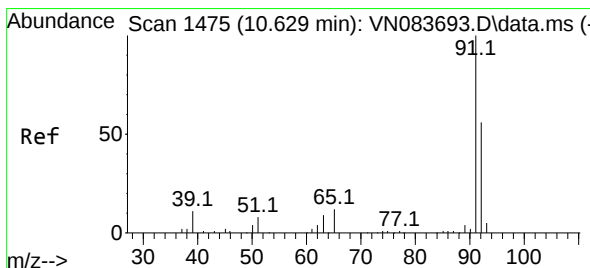
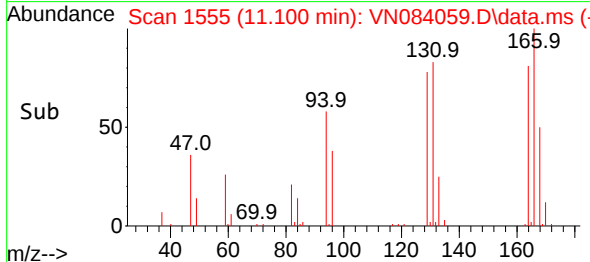
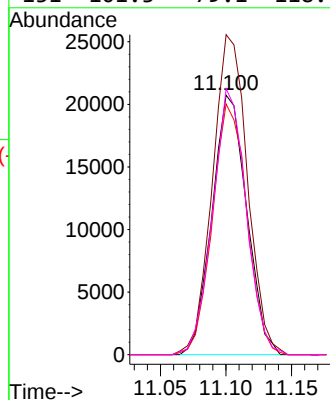
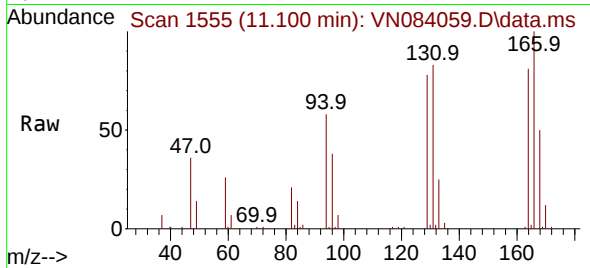




#61
Tetrachloroethene
Concen: 22.176 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

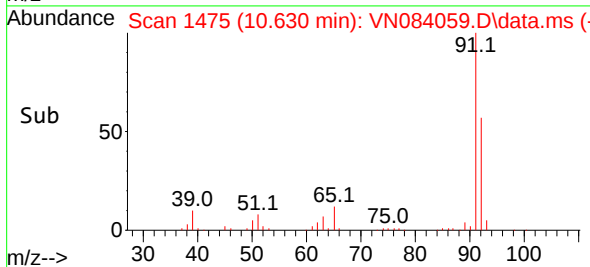
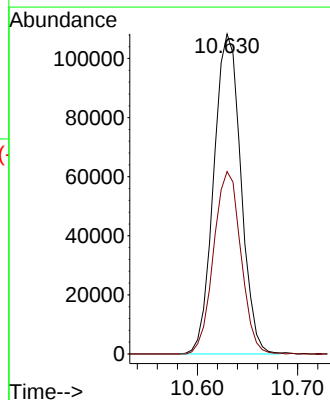
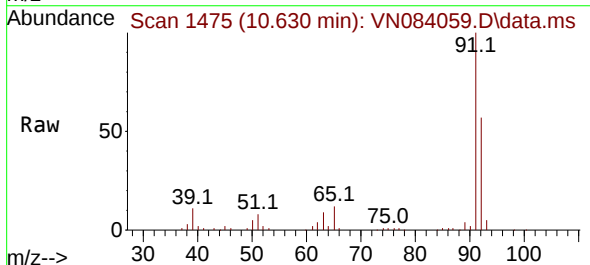
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

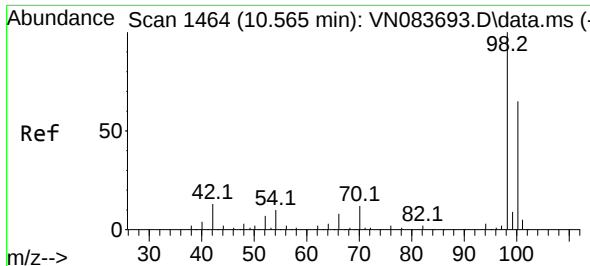
Tgt Ion:164 Resp: 38171
Ion Ratio Lower Upper
164 100
166 121.9 106.7 160.1
129 95.8 85.8 128.6
131 101.3 79.1 118.7



#62
Toluene
Concen: 21.779 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 91 Resp: 203603
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7

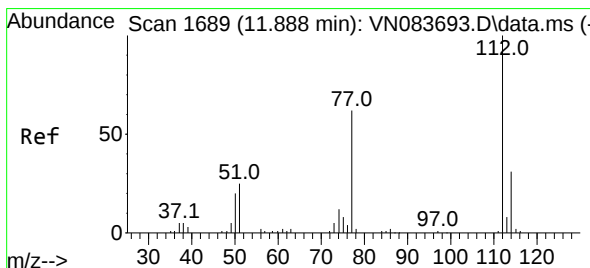
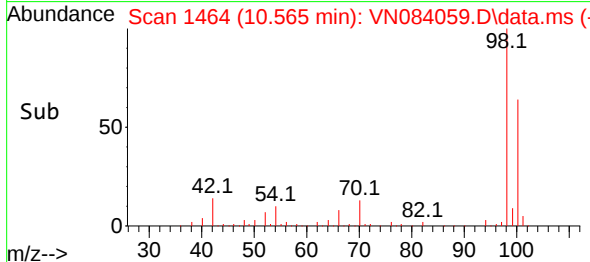
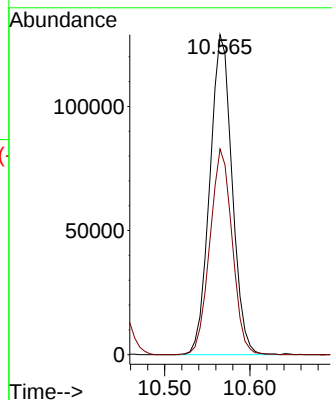
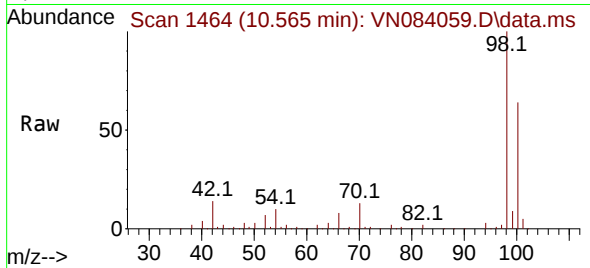




#63
Toluene-d8
Concen: 31.120 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

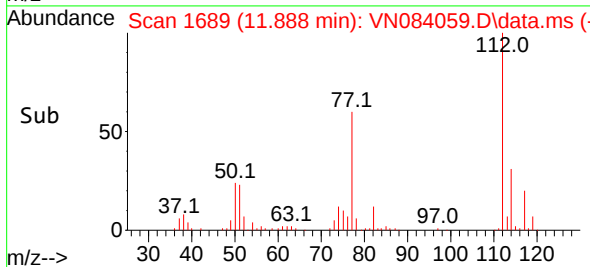
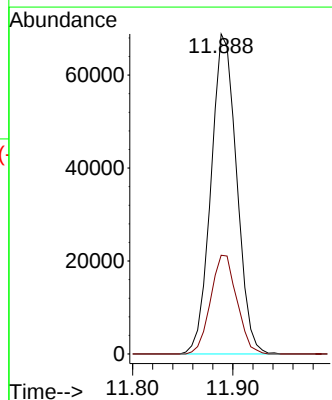
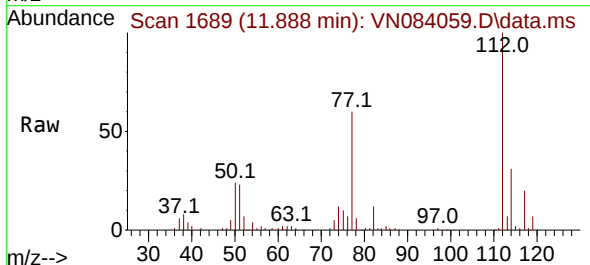
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

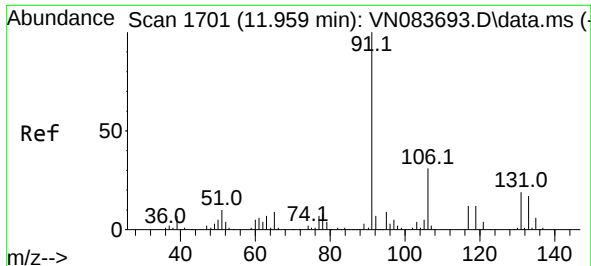
Tgt Ion: 98 Resp: 234361
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#64
Chlorobenzene
Concen: 21.119 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:112 Resp: 122234
Ion Ratio Lower Upper
112 100
114 30.8 26.6 39.8

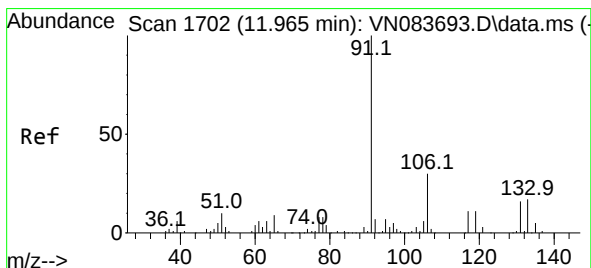
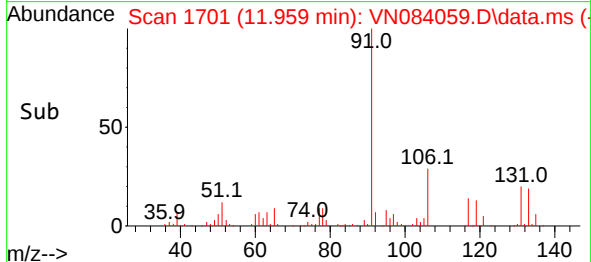
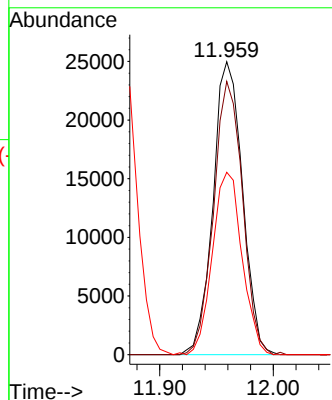
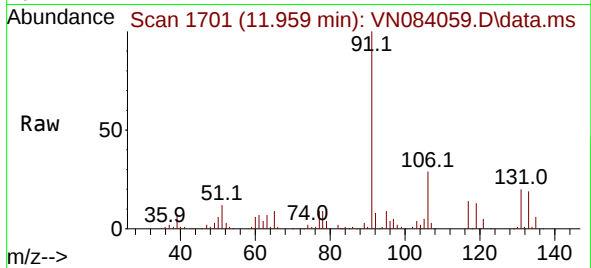




#65
1,1,1,2-Tetrachloroethane
Concen: 22.366 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

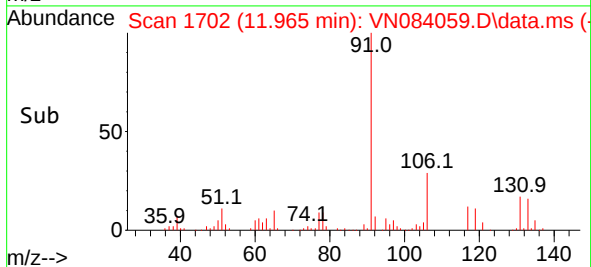
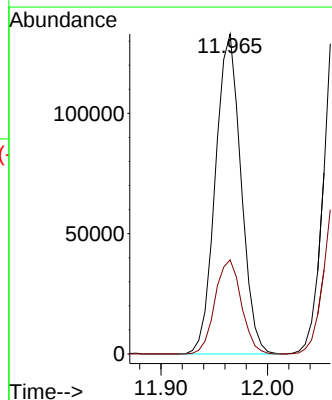
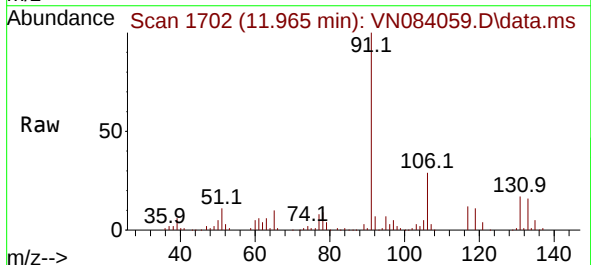
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

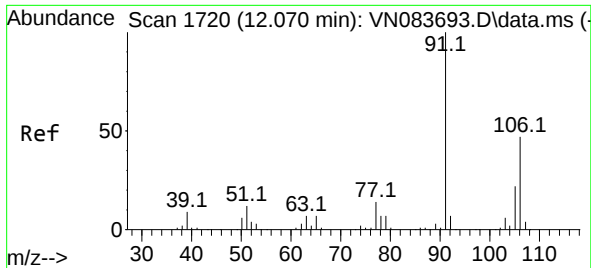
Tgt Ion:131 Resp: 45097
Ion Ratio Lower Upper
131 100
133 91.5 0.0 188.0
119 62.6 0.0 122.8



#66
Ethyl Benzene
Concen: 20.886 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 91 Resp: 222040
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6

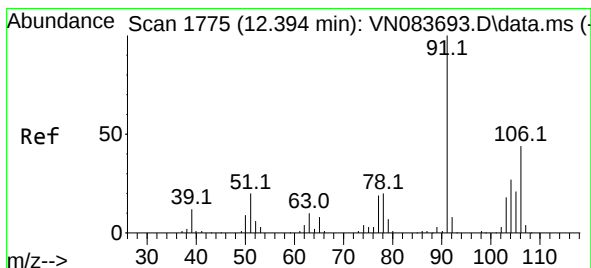
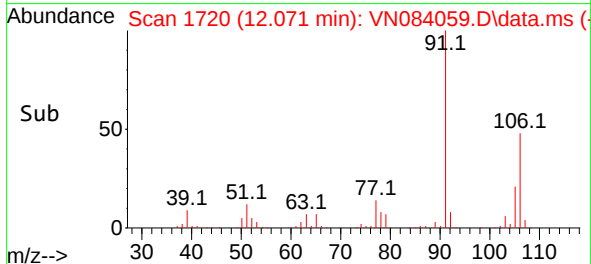
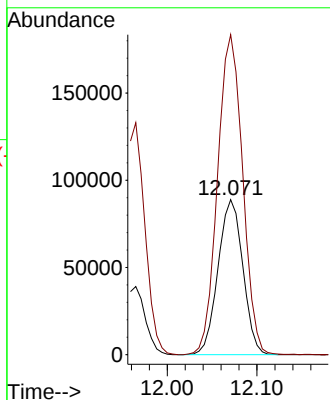
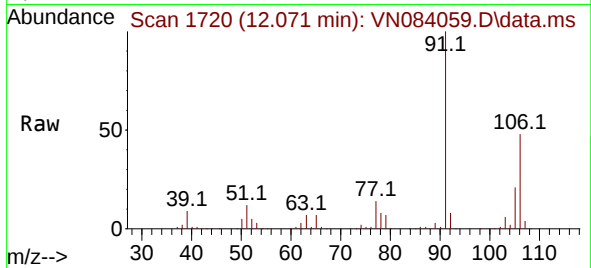




#67
m/p-Xylenes
Concen: 43.683 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

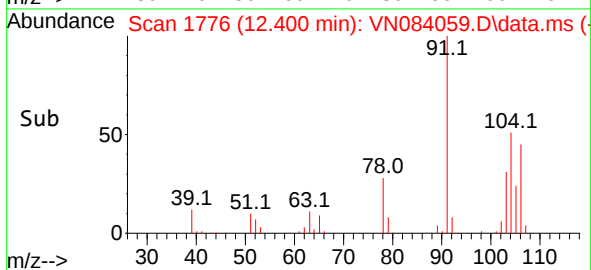
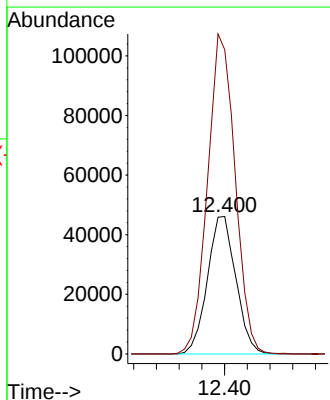
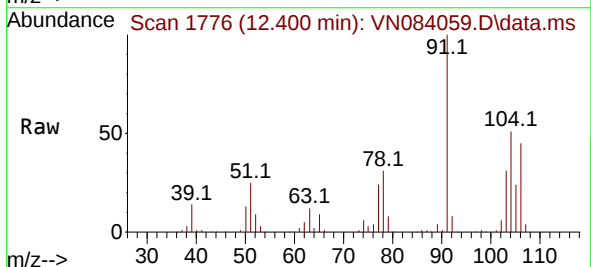
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

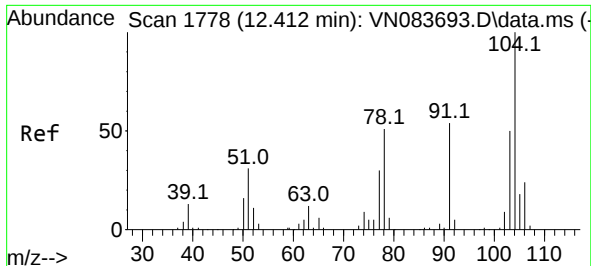
Tgt Ion:106 Resp: 170853
Ion Ratio Lower Upper
106 100
91 208.7 166.6 249.8



#68
o-Xylene
Concen: 21.203 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:106 Resp: 80261
Ion Ratio Lower Upper
106 100
91 225.6 110.0 330.0





#69

Styrene

Concen: 21.361 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

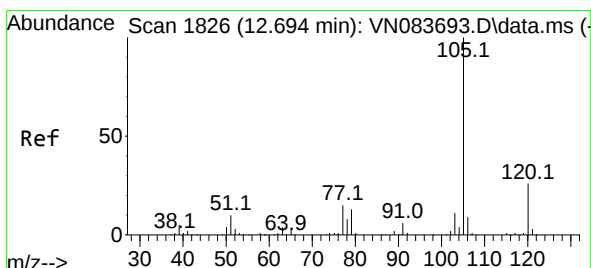
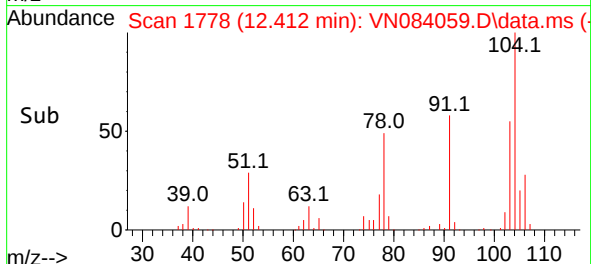
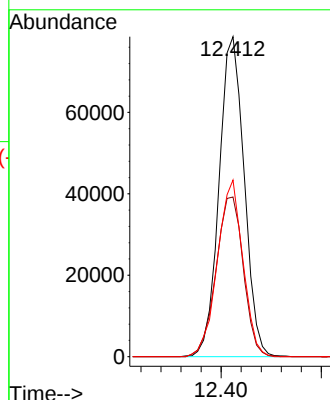
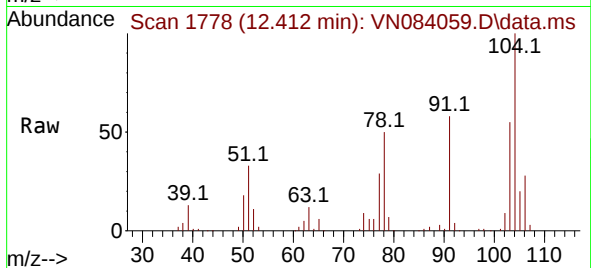
Tgt Ion:104 Resp: 136624

Ion Ratio Lower Upper

104 100

78 54.2 42.6 64.0

103 55.8 43.7 65.5



#70

Isopropylbenzene

Concen: 20.884 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084059.D

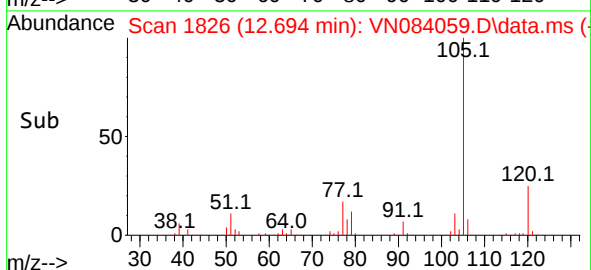
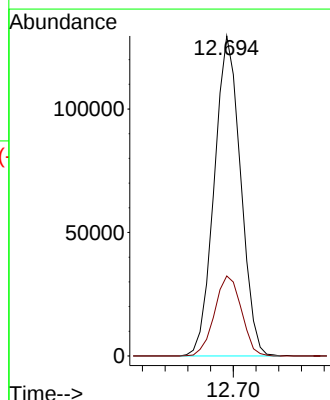
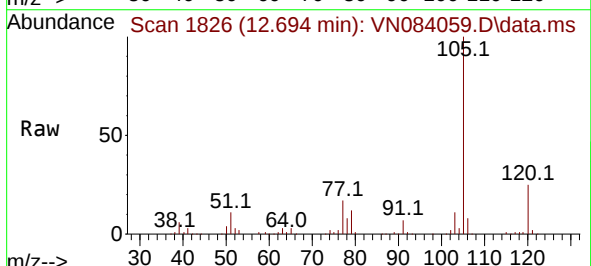
Acq: 20 Sep 2024 10:11

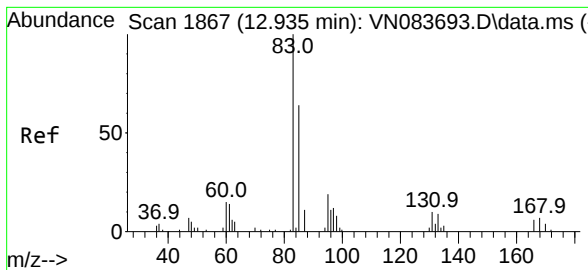
Tgt Ion:105 Resp: 208618

Ion Ratio Lower Upper

105 100

120 25.4 17.8 33.1

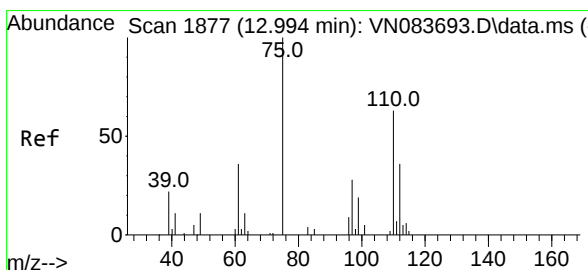
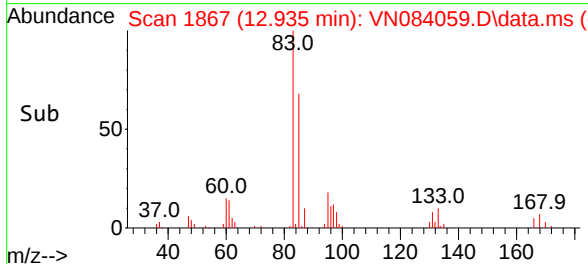
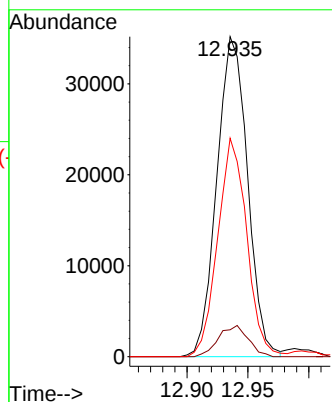
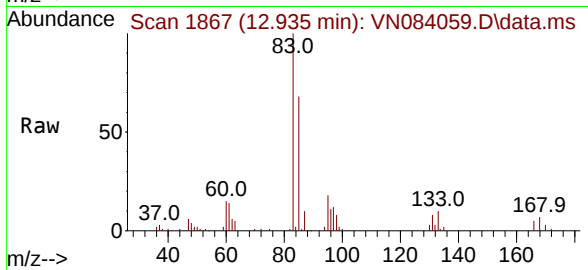




#71
1,1,2,2-Tetrachloroethane
Concen: 22.646 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

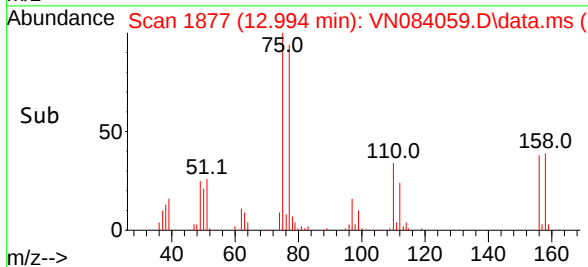
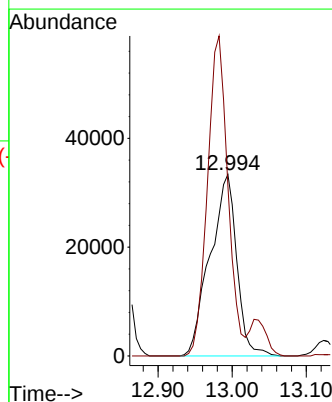
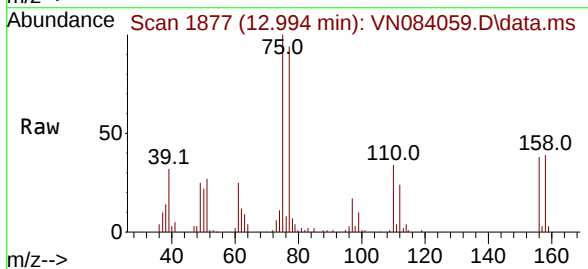
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

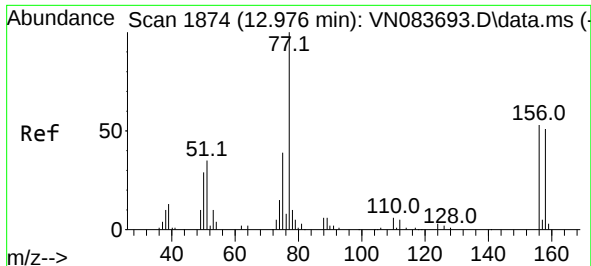
Tgt Ion: 83 Resp: 61786
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 64.7 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 34.874 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 75 Resp: 83425
Ion Ratio Lower Upper
75 100
77 135.4 0.0 367.6

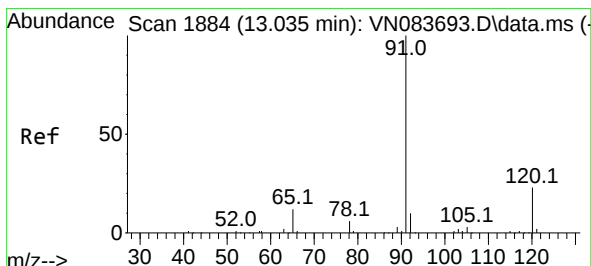
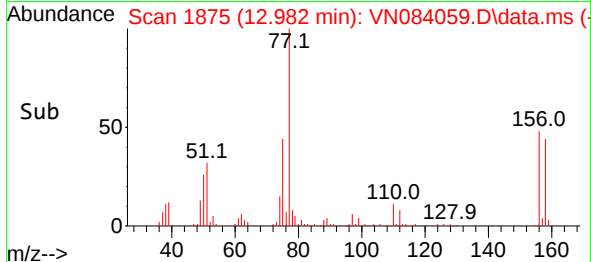
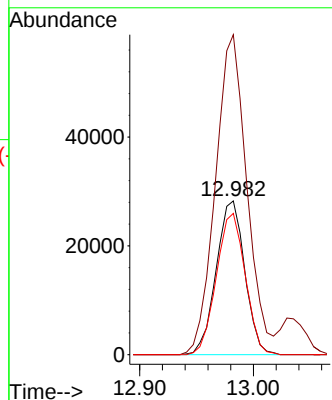
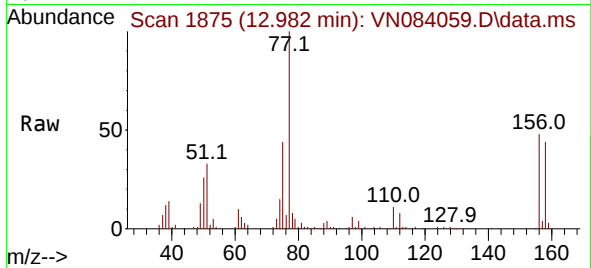




#73
Bromobenzene
Concen: 21.486 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

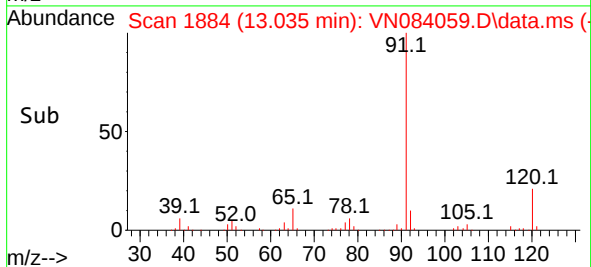
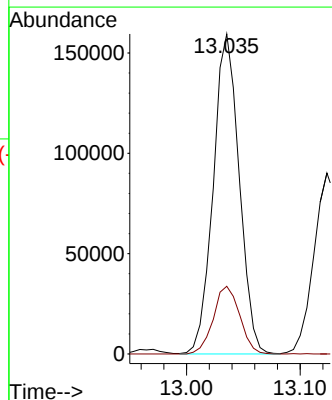
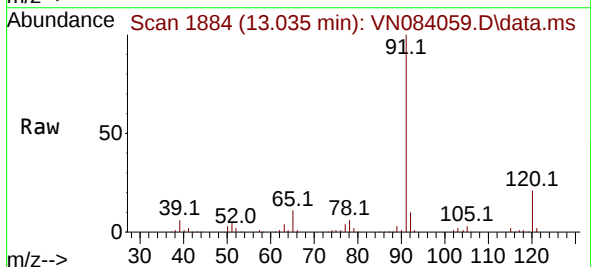
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

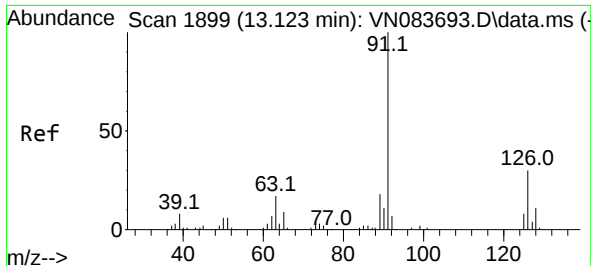
Tgt Ion:156 Resp: 49300
Ion Ratio Lower Upper
156 100
77 229.1 0.0 437.6
158 92.8 0.0 203.8



#74
n-propylbenzene
Concen: 21.661 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 91 Resp: 253308
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.8

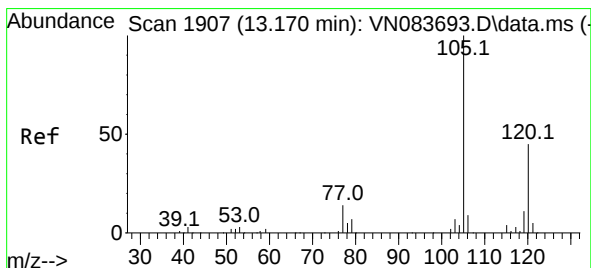
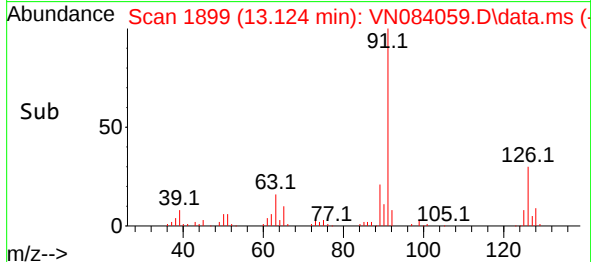
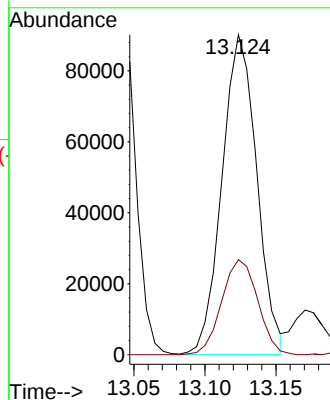
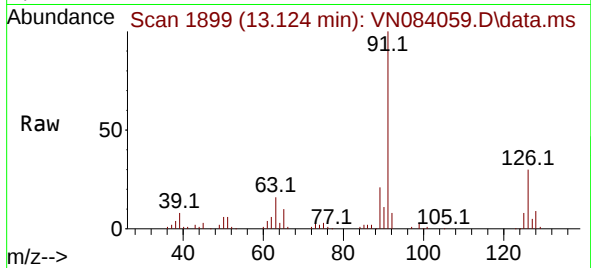




#75
2-Chlorotoluene
Concen: 21.066 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

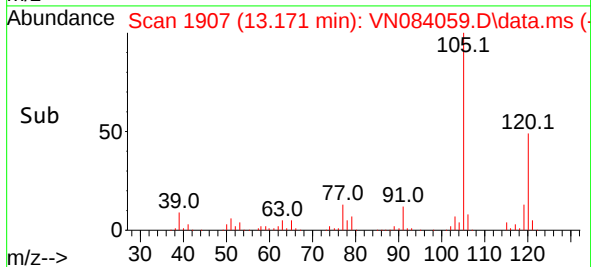
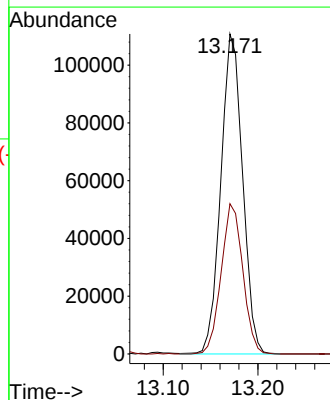
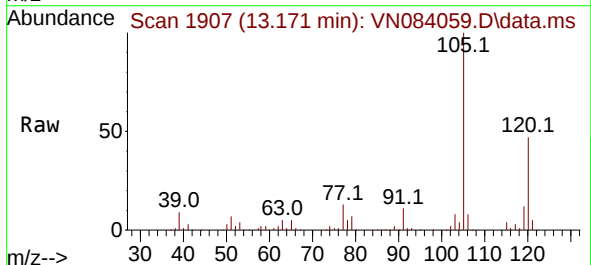
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

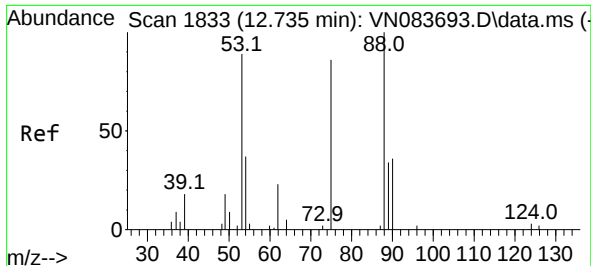
Tgt Ion: 91 Resp: 153748
Ion Ratio Lower Upper
91 100
126 30.7 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 21.213 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 105 Resp: 177017
Ion Ratio Lower Upper
105 100
120 46.6 0.0 95.8

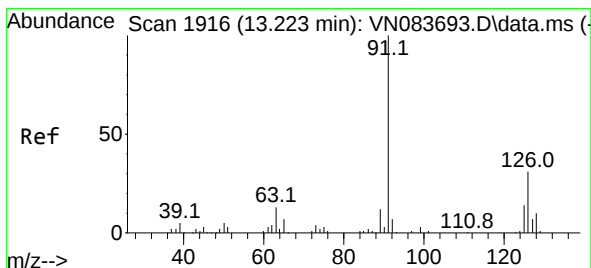
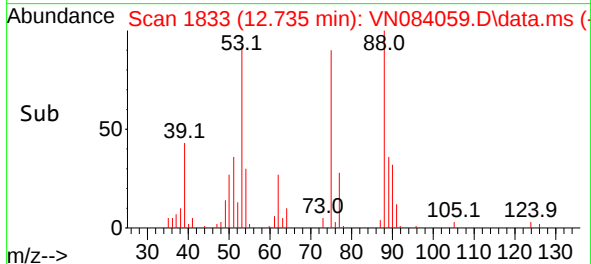
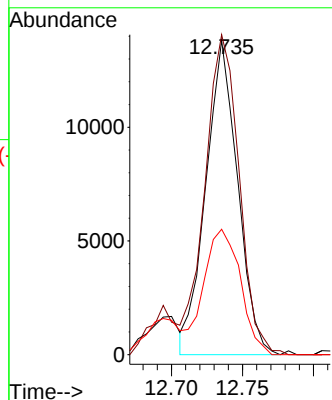
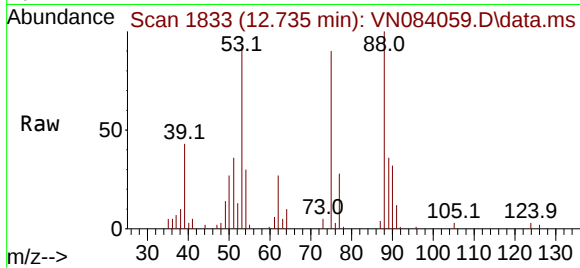




#77
t-1,4-Dichloro-2-butene
Concen: 21.296 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

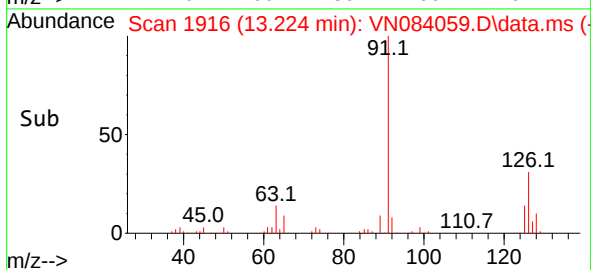
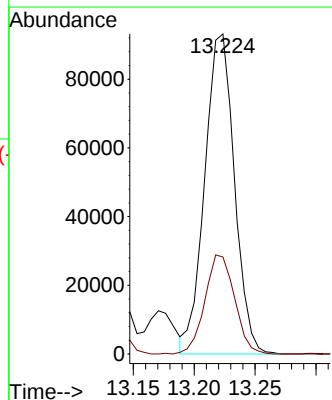
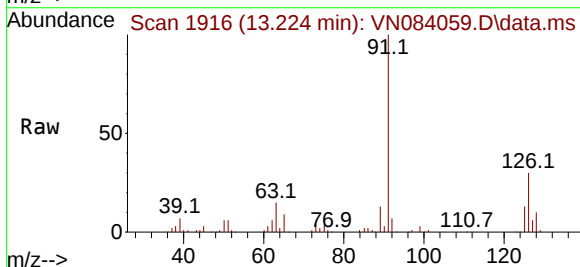
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

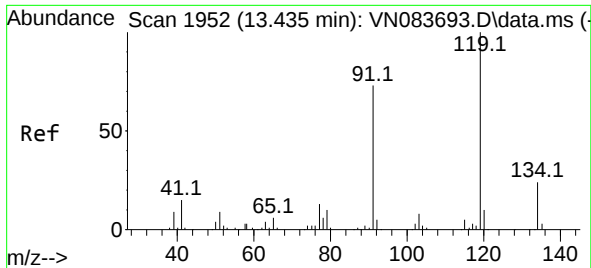
Tgt Ion: 75 Resp: 21533
Ion Ratio Lower Upper
75 100
53 100.5 45.9 137.7
89 39.9 25.9 77.7



#78
4-Chlorotoluene
Concen: 21.379 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 91 Resp: 158240
Ion Ratio Lower Upper
91 100
126 30.9 0.0 62.8

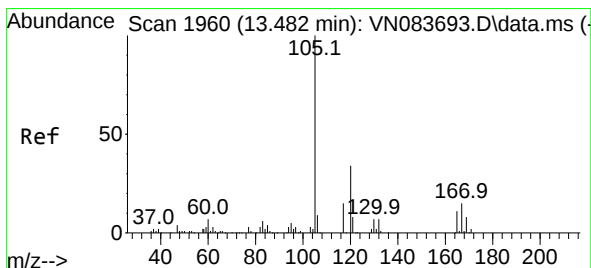
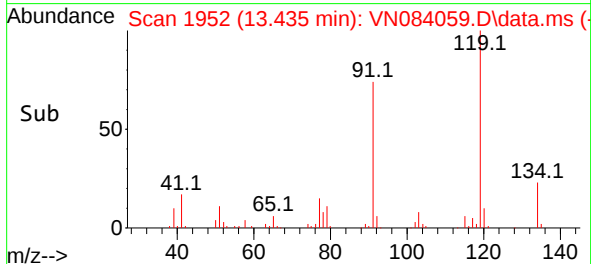
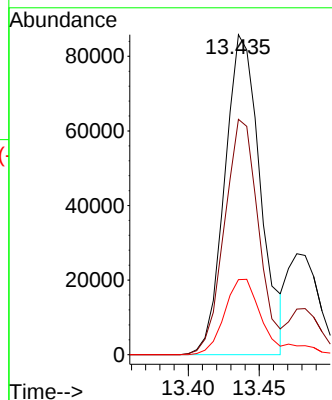
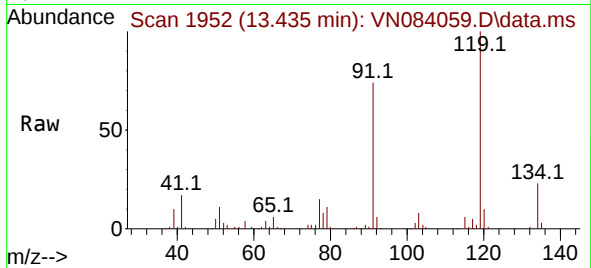




#79
tert-butylbenzene
Concen: 20.508 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

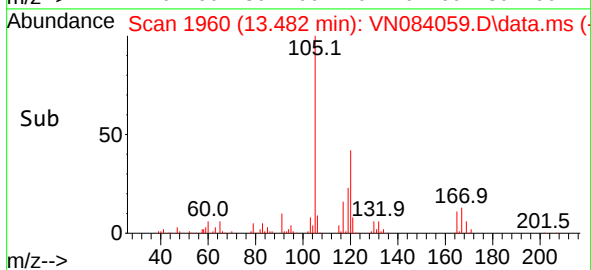
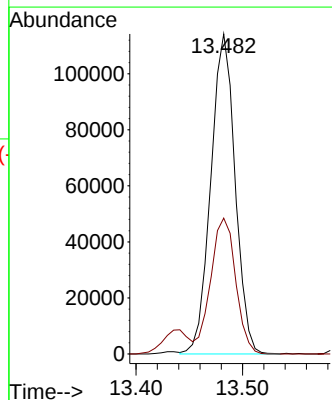
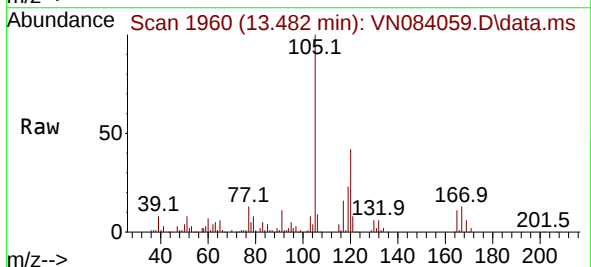
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

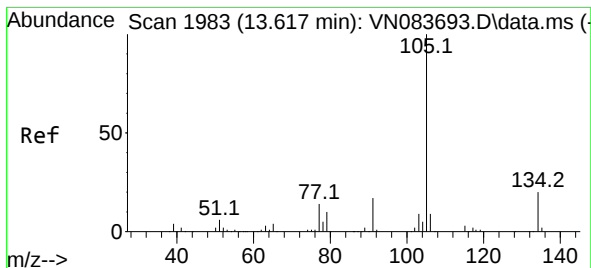
Tgt Ion:119 Resp: 149648
Ion Ratio Lower Upper
119 100
91 70.8 0.0 138.8
134 23.5 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 21.441 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:105 Resp: 180804
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.8

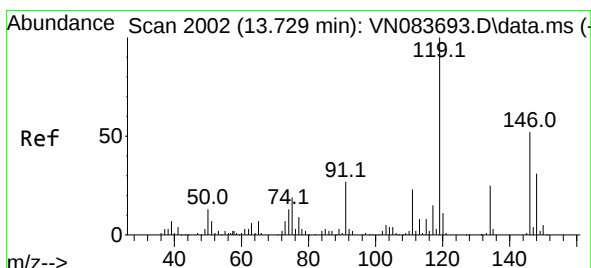
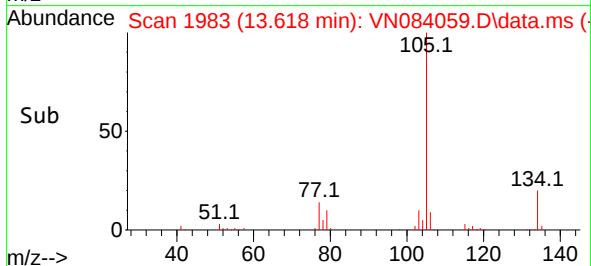
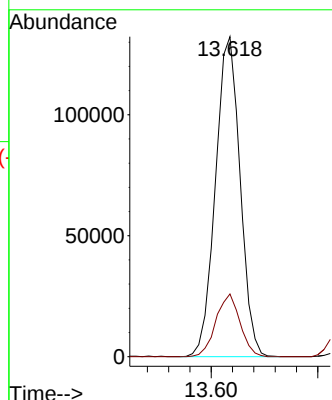
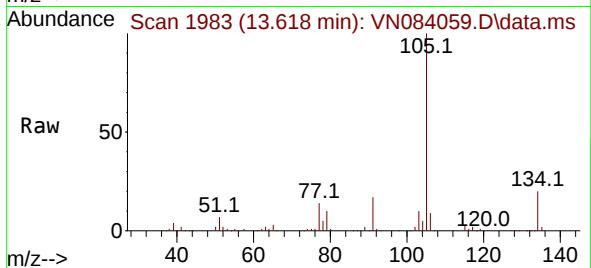




#81
 sec-Butylbenzene
 Concen: 21.274 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

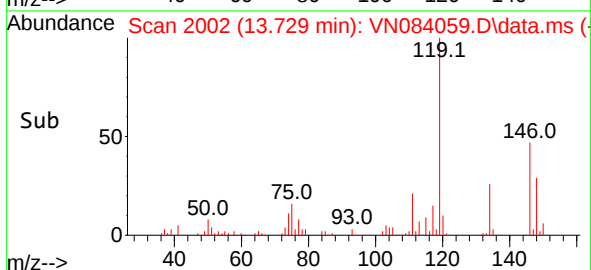
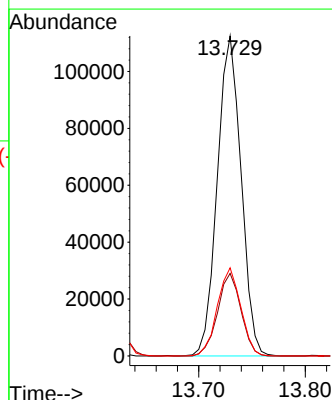
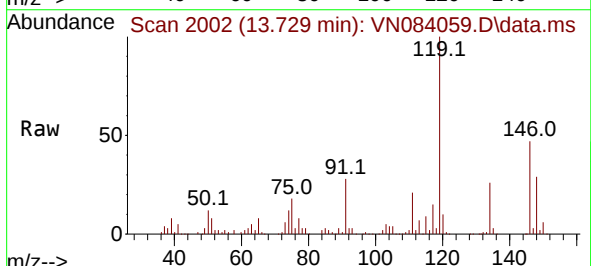
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

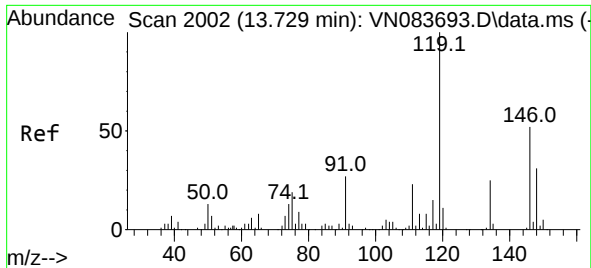
Tgt Ion:105 Resp: 212060
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 20.782 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084059.D
 Acq: 20 Sep 2024 10:11

Tgt Ion:119 Resp: 174293
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 49.2
 91 27.1 0.0 48.8

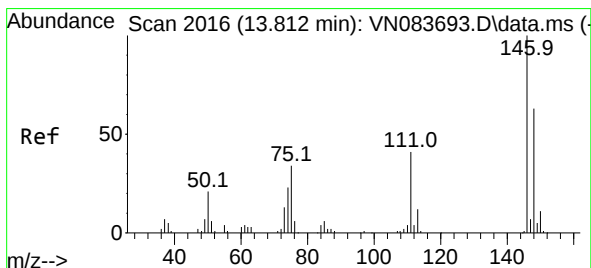
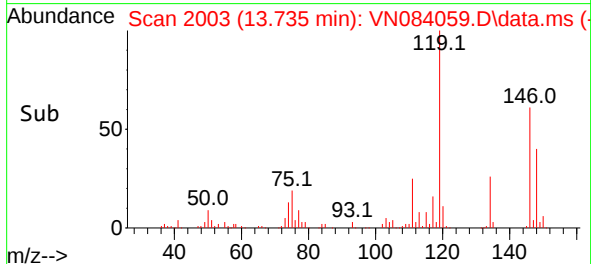
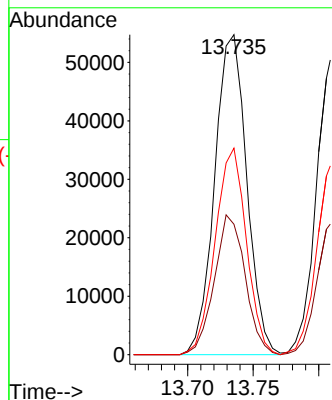
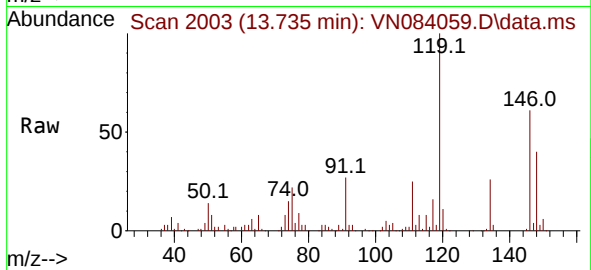




#83
1,3-Dichlorobenzene
Concen: 21.125 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

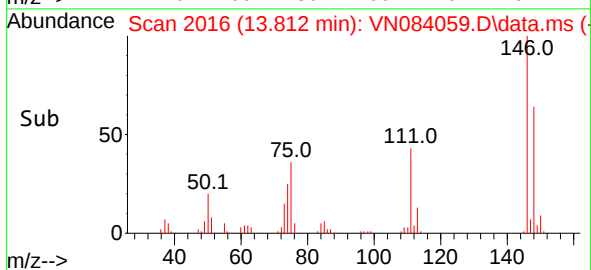
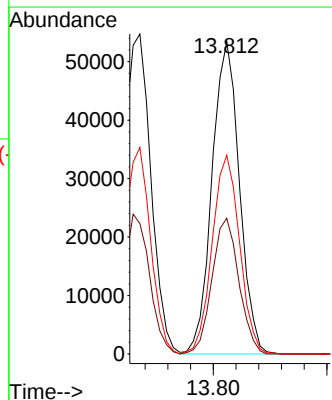
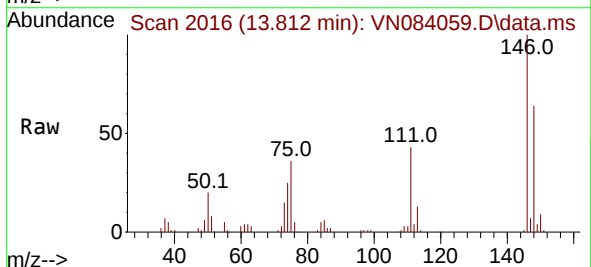
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

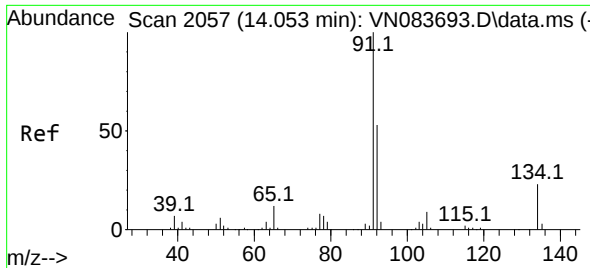
Tgt Ion:146 Resp: 93290
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 62.7 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 20.277 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:146 Resp: 89522
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 63.7 31.9 95.5

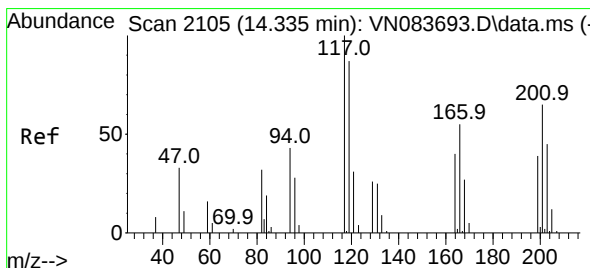
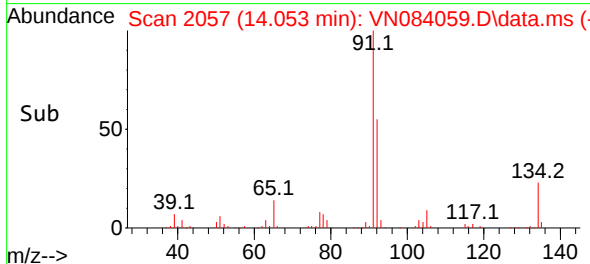
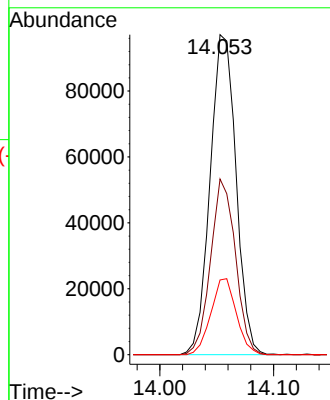
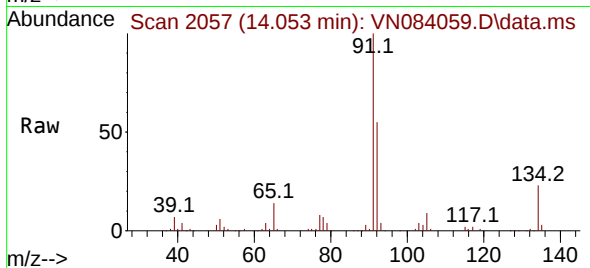




#85
n-Butylbenzene
Concen: 20.827 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

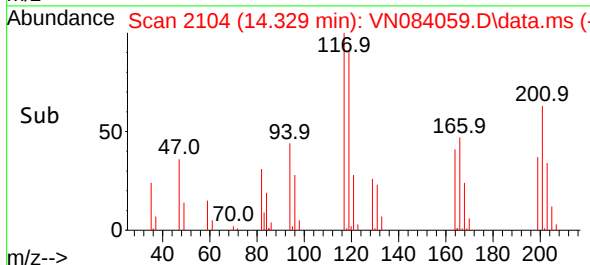
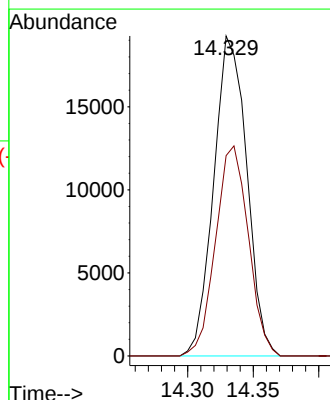
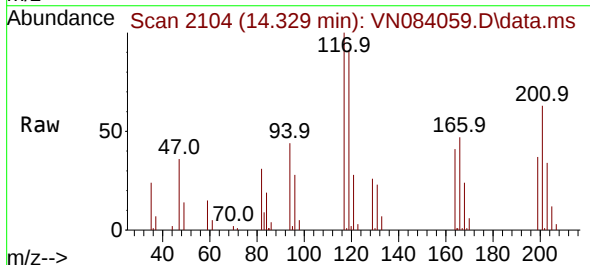
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

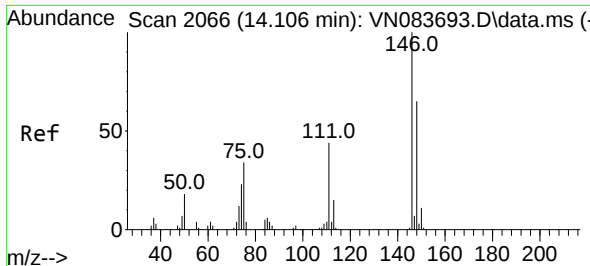
Tgt Ion: 91 Resp: 154143
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 23.4 0.0 51.8



#86
Hexachloroethane
Concen: 21.243 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 117 Resp: 33763
Ion Ratio Lower Upper
117 100
201 65.2 38.0 114.0

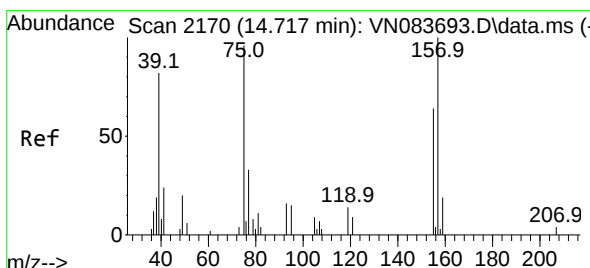
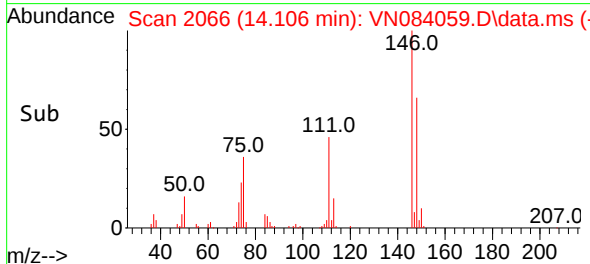
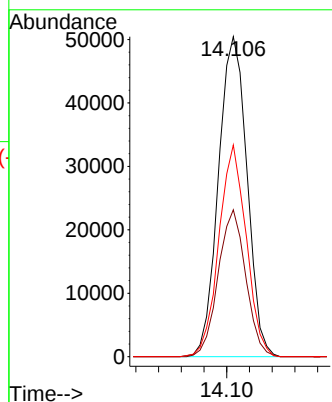
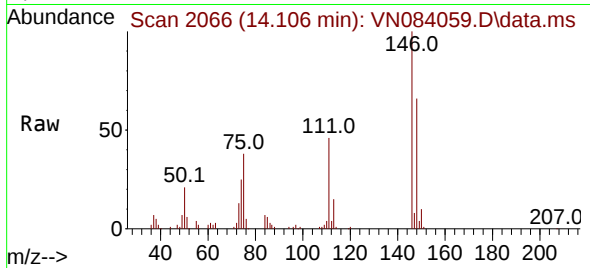




#87
1,2-Dichlorobenzene
Concen: 20.575 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

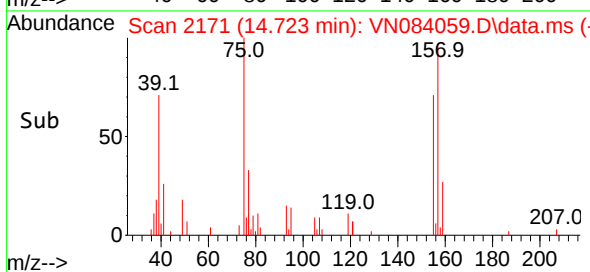
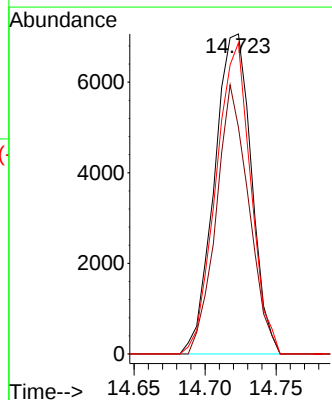
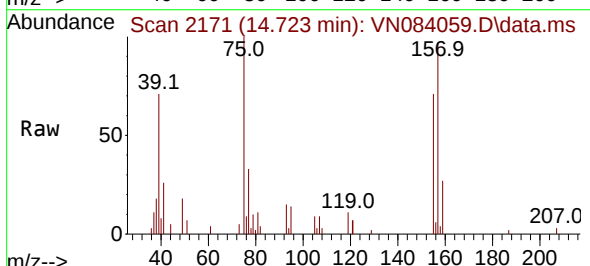
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

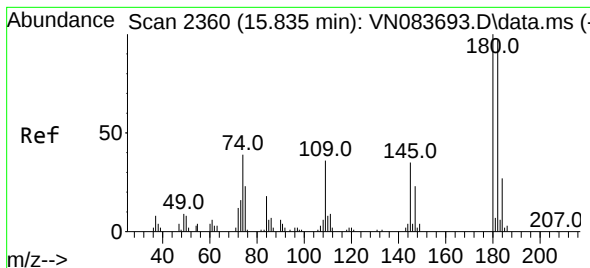
Tgt Ion:146 Resp: 88180
Ion Ratio Lower Upper
146 100
111 44.2 22.6 67.8
148 63.4 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.317 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion: 75 Resp: 12782
Ion Ratio Lower Upper
75 100
155 73.9 61.7 92.5
157 91.4 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.352 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

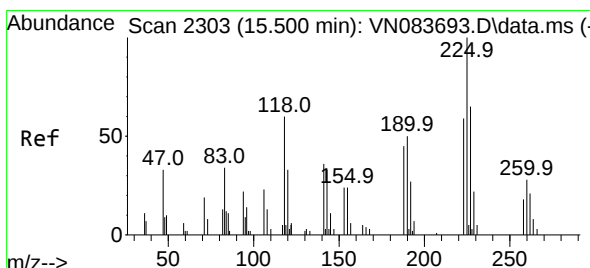
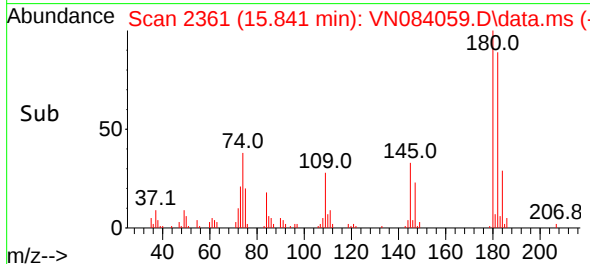
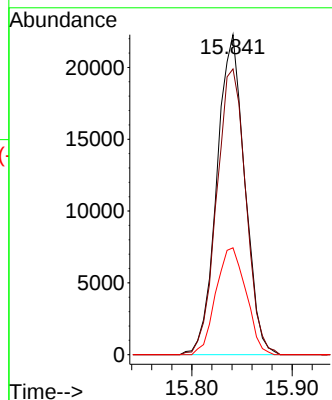
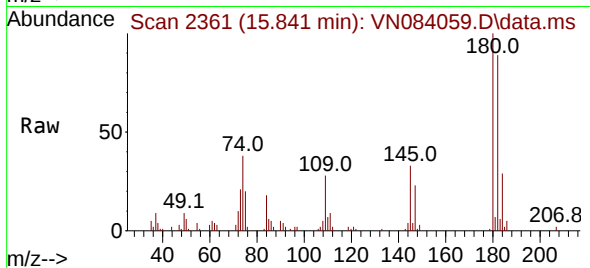
Tgt Ion:180 Resp: 43091

Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

145 36.0 28.4 42.6



#90

Hexachlorobutadiene

Concen: 21.082 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084059.D

Acq: 20 Sep 2024 10:11

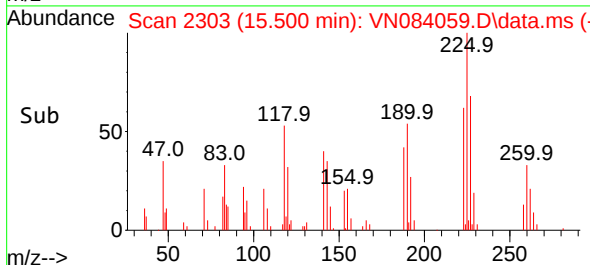
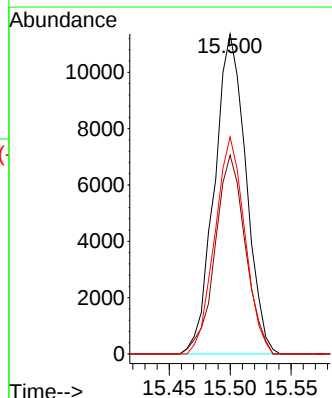
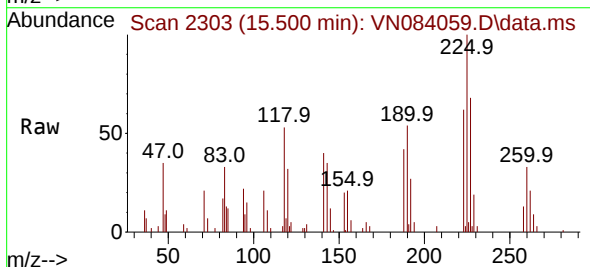
Tgt Ion:225 Resp: 20489

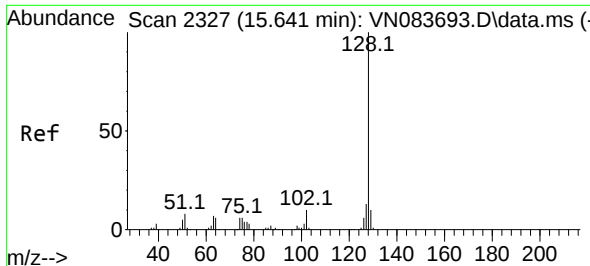
Ion Ratio Lower Upper

225 100

223 59.7 0.0 126.6

227 64.4 0.0 126.6

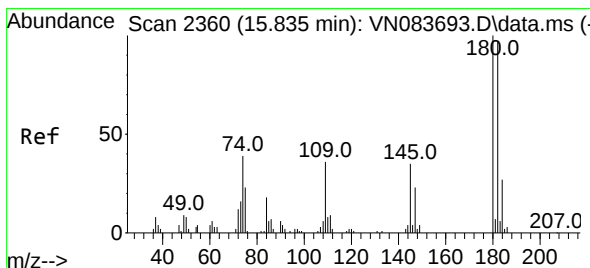
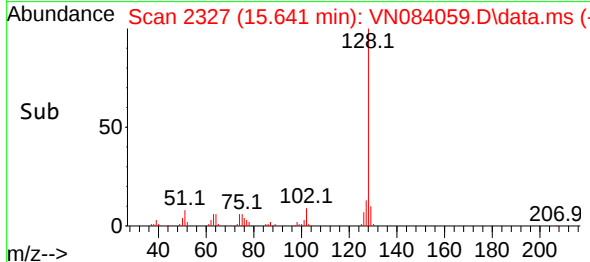
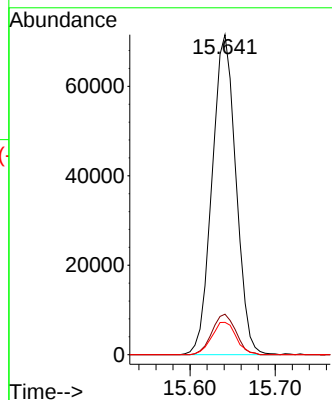
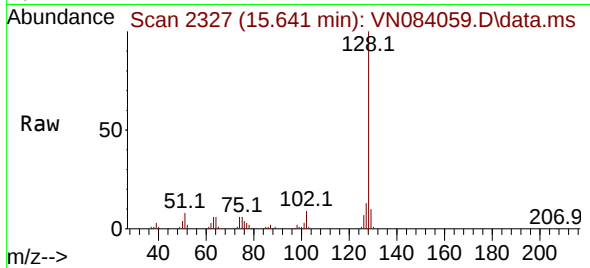




#91
Naphthalene
Concen: 18.118 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion:128 Resp: 139078
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.4 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.352 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084059.D
Acq: 20 Sep 2024 10:11

Tgt Ion:180 Resp: 43091
Ion Ratio Lower Upper
180 100
182 93.3 0.0 191.0
145 36.0 0.0 71.0

