

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080736.D
 Acq On : 22 Jan 2024 13:39
 Operator : JC\MD
 Sample : VN0122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13105	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	100699	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	115778	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	56202	26.557	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	88.533%#
60) 4-Bromofluorobenzene	12.847	95	69297	27.057	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.200%
63) Toluene-d8	10.565	98	147940	29.115	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38083	17.098	ug/l	90
3) Chloromethane	2.359	50	57046	18.802	ug/l	97
4) Vinyl Chloride	2.512	62	40754	17.658	ug/l	94
5) Bromomethane	2.965	94	16995	20.054	ug/l	97
6) Chloroethane	3.124	64	24545	19.671	ug/l	91
7) Trichlorofluoromethane	3.506	101	58213	16.883	ug/l	96
8) Diethyl Ether	3.959	74	30176	18.807	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.365	101	20899	10.518	ug/l	# 49
10) 1,1-Dichloroethene	4.336	96	35852	16.798	ug/l	# 87
11) Methyl Iodide	4.595	142	32670	17.947	ug/l	81
12) Methyl Acetate	5.024	43	52090	20.629	ug/l	# 77
13) Acrolein	4.177	56	28069	83.626	ug/l	94
14) Acrylonitrile	5.718	53	114582	100.700	ug/l	# 34
15) Acetone	4.430	58	15352	59.477	ug/l	75
16) Carbon Disulfide	4.712	76	107934	16.324	ug/l	99
17) Allyl chloride	5.018	41	76119	17.618	ug/l	86
18) Methylene Chloride	5.277	84	47014	18.956	ug/l	# 84
19) trans-1,2-Dichloroethene	5.783	96	40908	18.230	ug/l	98
20) Diisopropyl ether	6.671	45	179474	20.471	ug/l	98
21) 1,1-Dichloroethane	6.565	63	89728	18.846	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	49816	18.977	ug/l	87
23) tert-Butyl Alcohol	5.512	59	23030	58.685	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	147145	19.068	ug/l	# 87
25) Chloroform	7.965	83	83289	18.789	ug/l	94
26) Cyclohexane	8.253	56	70837	18.920	ug/l	# 88
29) 1,1-Dichloropropene	8.371	75	58601	19.144	ug/l	95
30) 2-Butanone	7.483	43	148227	109.431	ug/l	92
31) 2,2-Dichloropropane	7.494	77	71404	19.418	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	66689	19.799	ug/l	94
33) Carbon Tetrachloride	8.365	117	51181	19.240	ug/l	87
34) Benzene	8.606	78	196046	21.592	ug/l	99
35) Methacrylonitrile	7.777	41	36931	21.728	ug/l	96
36) 1,2-Dichloroethane	8.665	62	65887	19.735	ug/l	# 87
37) Trichloroethene	9.353	130	38841	19.615	ug/l	87
38) Methylcyclohexane	9.600	83	59101	19.818	ug/l	92
39) 1,2-Dichloropropane	9.624	63	55465	22.665	ug/l	99
40) Dibromomethane	9.706	93	31496	21.631	ug/l	85
41) Bromodichloromethane	9.888	83	64992	20.397	ug/l	92
42) Vinyl Acetate	6.600	43	714758	113.534	ug/l	# 93

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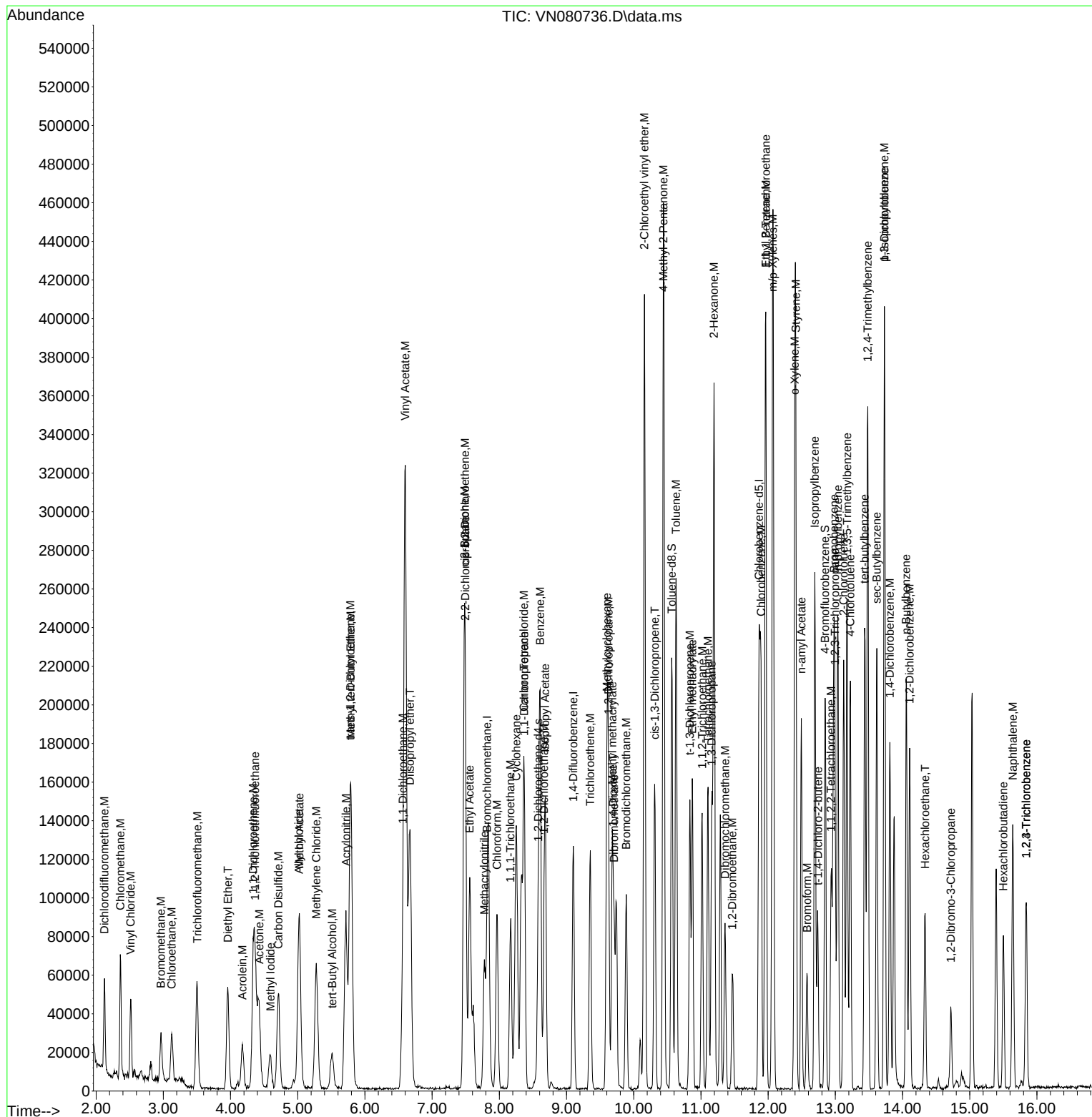
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	66300	23.310	ug/l	96
44) Isopropyl Acetate	8.683	43	118539	21.832	ug/l	90
45) 1,4-Dioxane	9.694	88	13009	421.282	ug/l #	84
46) Methyl methacrylate	9.683	41	51665	20.208	ug/l	75
47) n-amyl Acetate	12.494	43	104847	21.520	ug/l #	87
48) t-1,3-Dichloropropene	10.835	75	75410	20.085	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	85484	21.451	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	44041	22.024	ug/l	90
51) Ethyl methacrylate	10.871	69	76960	22.263	ug/l	73
52) 1,3-Dichloropropane	11.159	76	81690	21.700	ug/l	100
53) Dibromochloromethane	11.359	129	43947	21.962	ug/l	95
54) 1,2-Dibromoethane	11.465	107	41259	20.990	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	178135	100.258	ug/l	95
56) Bromoform	12.582	173	25430	21.513	ug/l	94
58) 4-Methyl-2-Pentanone	10.441	43	329535	108.199	ug/l #	86
59) 2-Hexanone	11.194	43	239596	105.364	ug/l #	86
61) Tetrachloroethene	11.106	164	30636	19.878	ug/l	91
62) Toluene	10.630	91	190951	20.506	ug/l	99
64) Chlorobenzene	11.894	112	108639	20.946	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	38161	20.478	ug/l	94
66) Ethyl Benzene	11.965	91	194273	19.835	ug/l	100
67) m/p-Xylenes	12.071	106	139581	39.651	ug/l	97
68) o-Xylene	12.394	106	70624	20.116	ug/l	95
69) Styrene	12.412	104	116394	19.734	ug/l	98
70) Isopropylbenzene	12.694	105	165887	19.333	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	57885	20.668	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	76409	28.786	ug/l	61
73) Bromobenzene	12.982	156	35121	19.203	ug/l	75
74) n-propylbenzene	13.035	91	202439	19.563	ug/l	97
75) 2-Chlorotoluene	13.123	91	125898	19.346	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	140029	19.608	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	21852	20.081	ug/l	83
78) 4-Chlorotoluene	13.223	91	122154	18.779	ug/l	100
79) tert-butylbenzene	13.435	119	108927	19.541	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	135198	19.350	ug/l	98
81) sec-Butylbenzene	13.618	105	157397	19.180	ug/l	97
82) p-Isopropyltoluene	13.729	119	124799	19.942	ug/l	96
83) 1,3-Dichlorobenzene	13.729	146	61125	19.265	ug/l	95
84) 1,4-Dichlorobenzene	13.812	146	66437	20.795	ug/l	96
85) n-Butylbenzene	14.053	91	117964	19.078	ug/l	96
86) Hexachloroethane	14.335	117	20969	17.819	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	63889	20.526	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10590	18.161	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	30239	19.370	ug/l	97
90) Hexachlorobutadiene	15.500	225	12587	17.598	ug/l	96
91) Naphthalene	15.641	128	115361	18.955	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	30239	19.370	ug/l	97

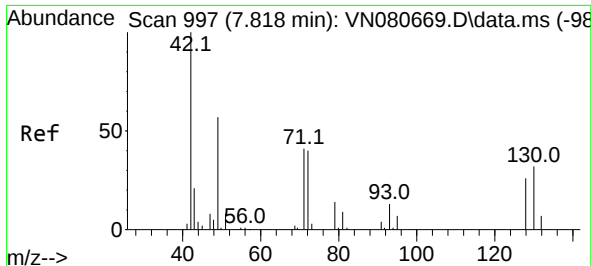
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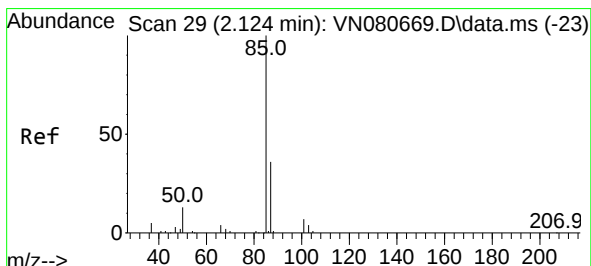
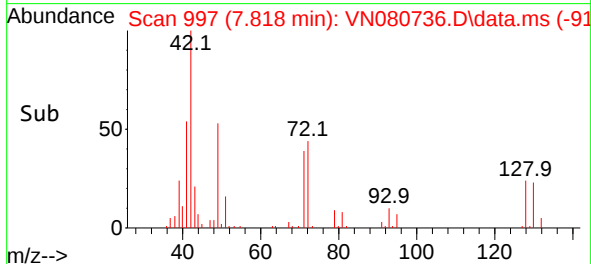
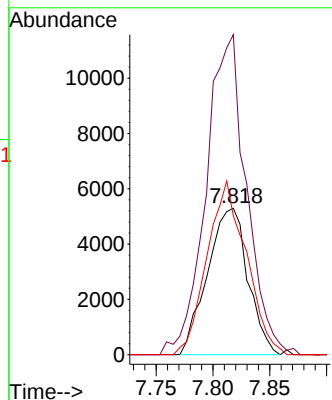
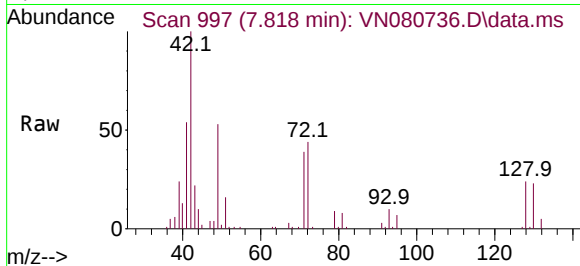




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

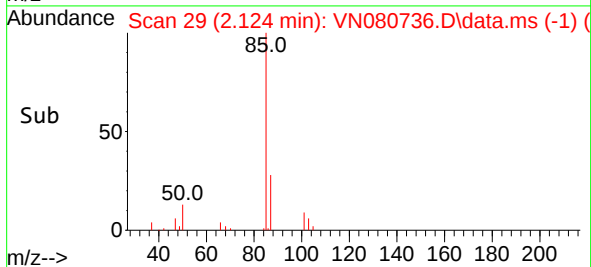
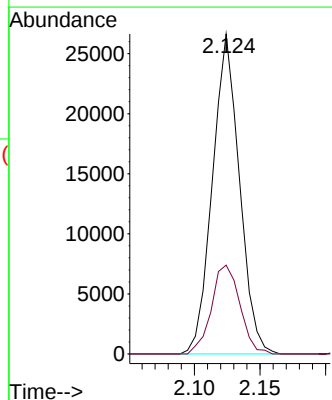
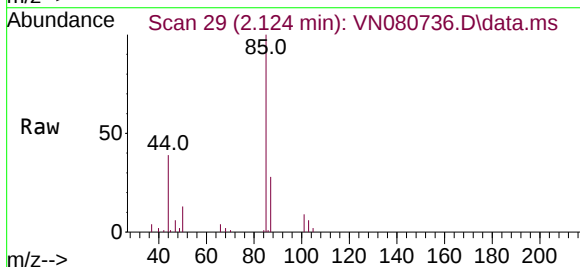
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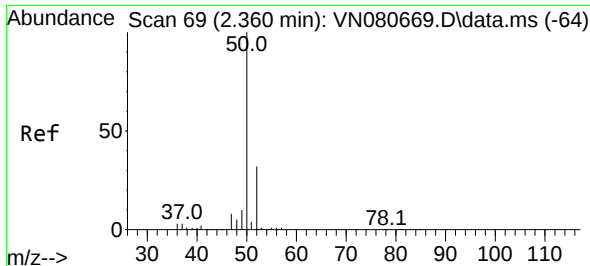
Tgt Ion:128 Resp: 13105
Ion Ratio Lower Upper
128 100
49 218.5 0.0 403.7
130 115.1 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 17.098 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 85 Resp: 38083
Ion Ratio Lower Upper
85 100
87 27.8 16.8 50.3

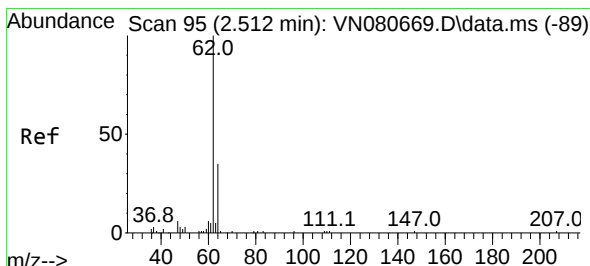
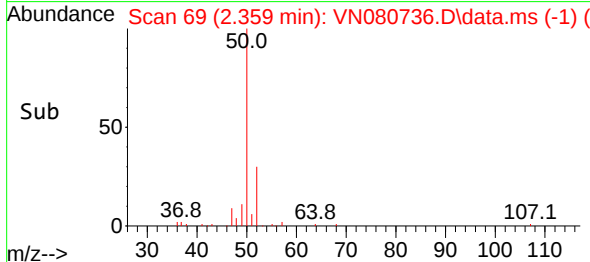
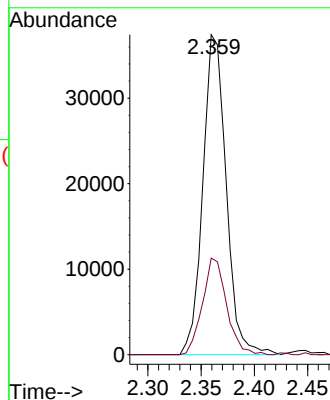
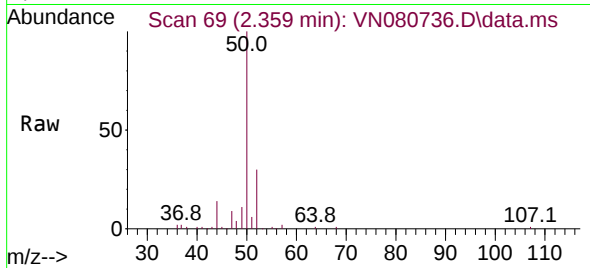




#3
Chloromethane
Concen: 18.802 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

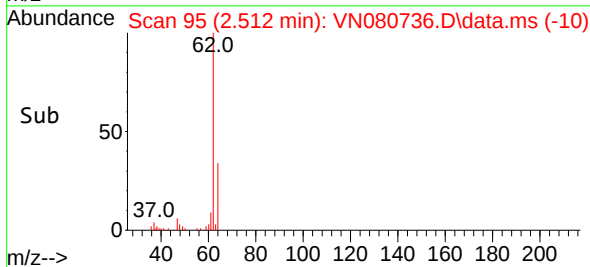
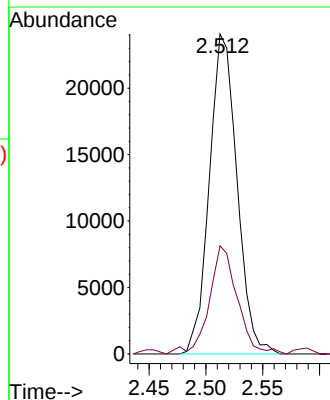
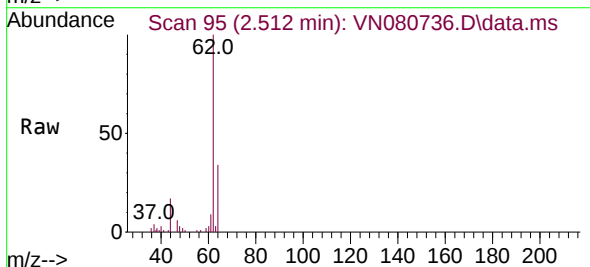
Instrument :
MSVOA_N
ClientSampleId :

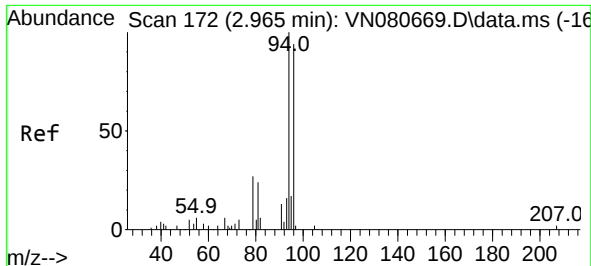
Tgt Ion: 50 Resp: 57046
Ion Ratio Lower Upper
50 100
52 30.2 25.4 38.0



#4
Vinyl Chloride
Concen: 17.658 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

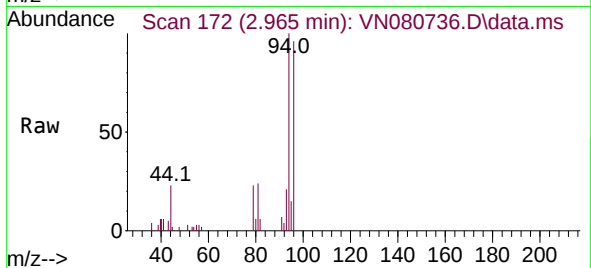
Tgt Ion: 62 Resp: 40754
Ion Ratio Lower Upper
62 100
64 33.1 24.1 36.1



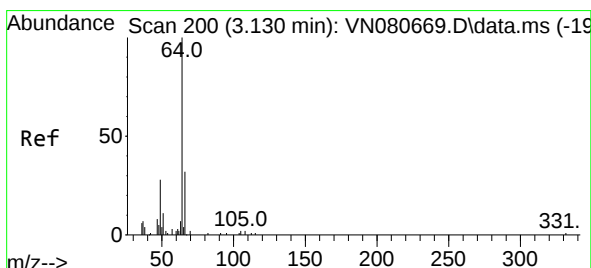
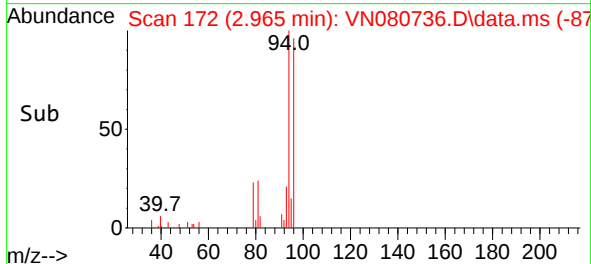
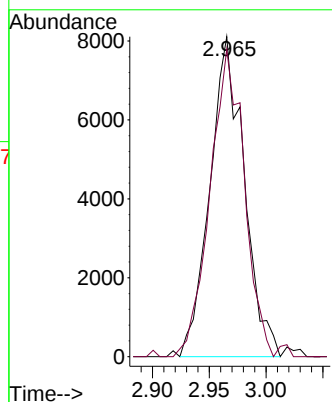


#5
Bromomethane
Concen: 20.054 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

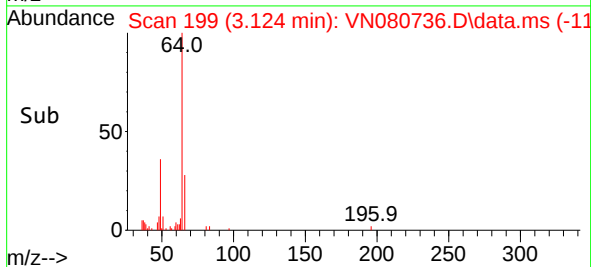
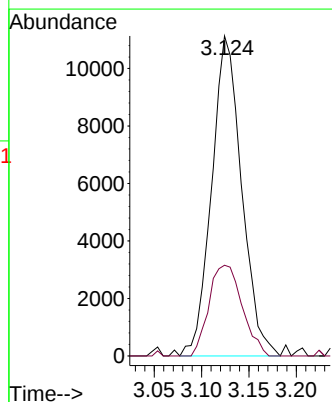
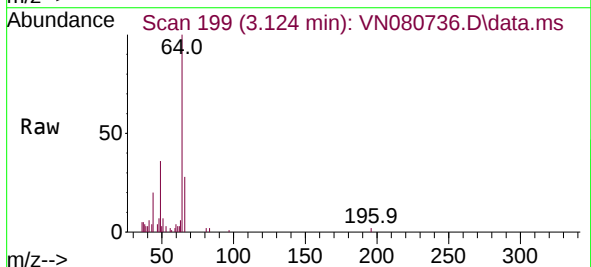


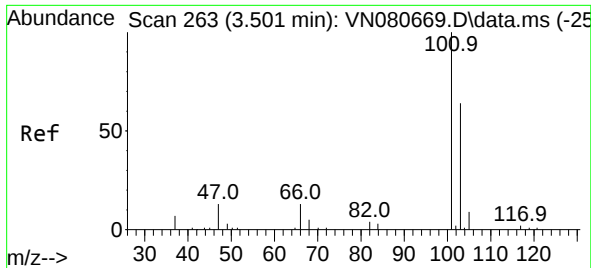
Tgt Ion: 94 Resp: 16995
Ion Ratio Lower Upper
94 100
96 93.7 72.8 109.2



#6
Chloroethane
Concen: 19.671 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 64 Resp: 24545
Ion Ratio Lower Upper
64 100
66 28.3 26.7 40.1

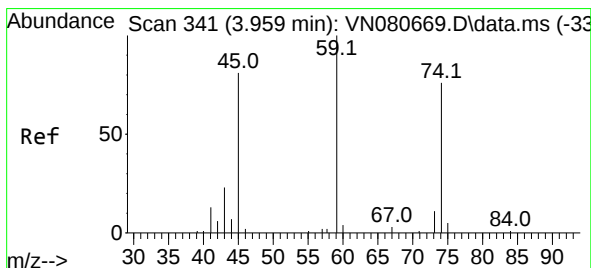
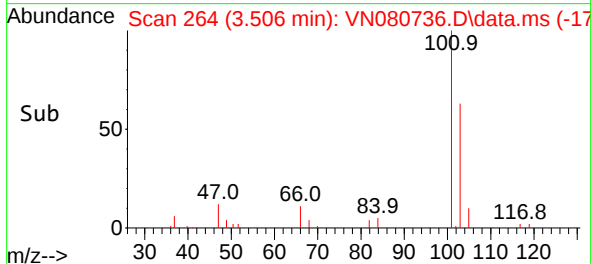
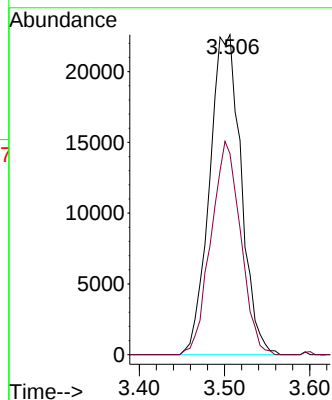
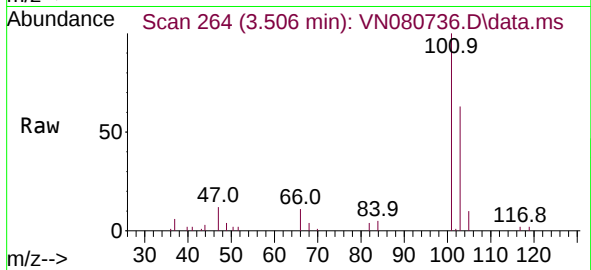




#7
 Trichlorofluoromethane
 Concen: 16.883 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.005 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

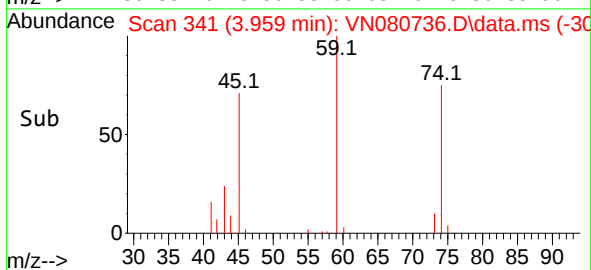
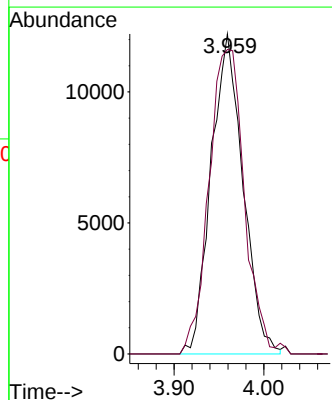
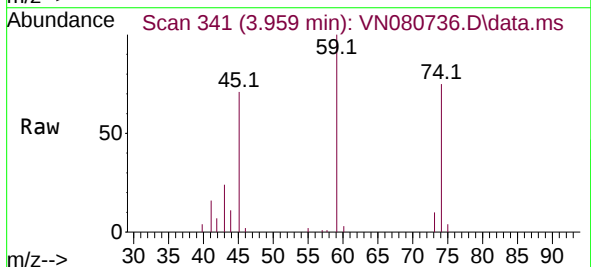
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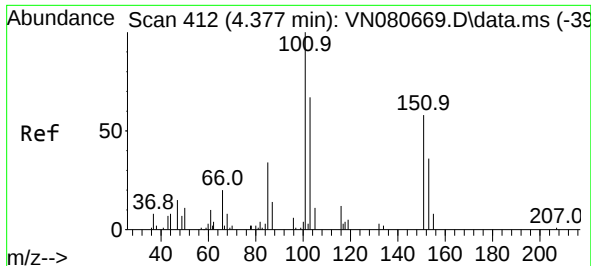
Tgt Ion:101 Resp: 58213
 Ion Ratio Lower Upper
 101 100
 103 62.8 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.807 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

Tgt Ion: 74 Resp: 30176
 Ion Ratio Lower Upper
 74 100
 45 105.0 16.4 147.4

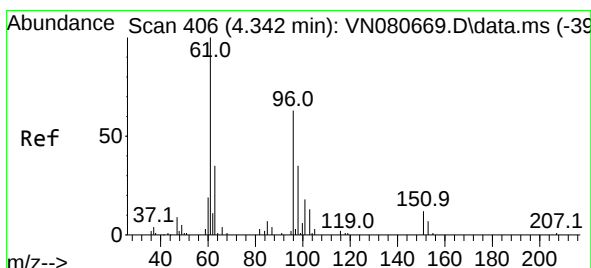
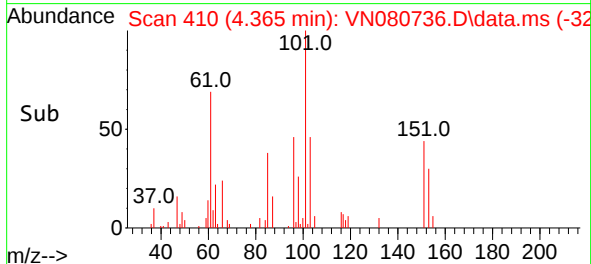
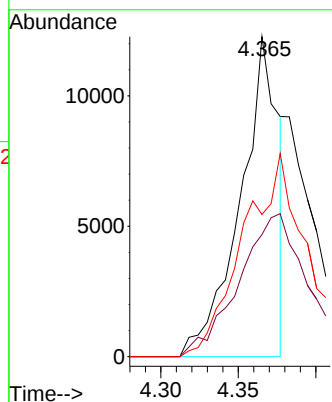
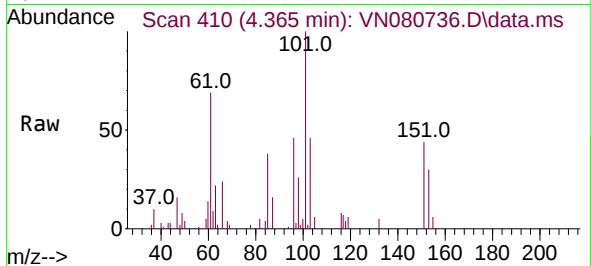




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.518 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN080736.D
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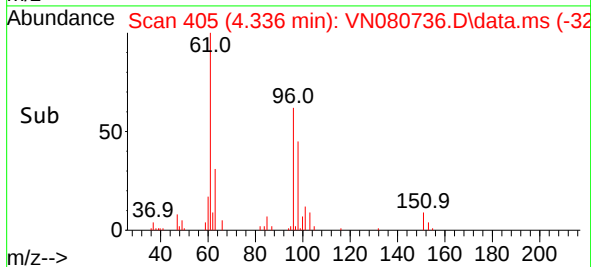
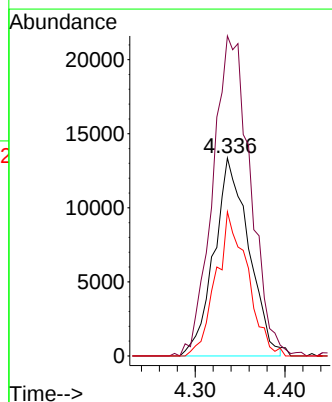
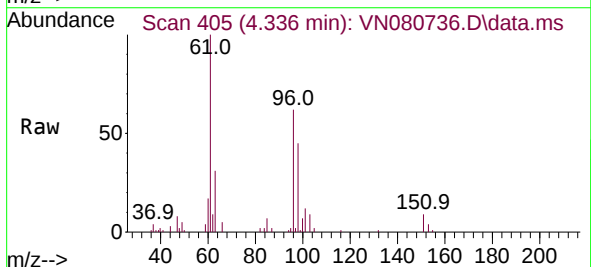
Instrument :
MSVOA_N
ClientSampleId :

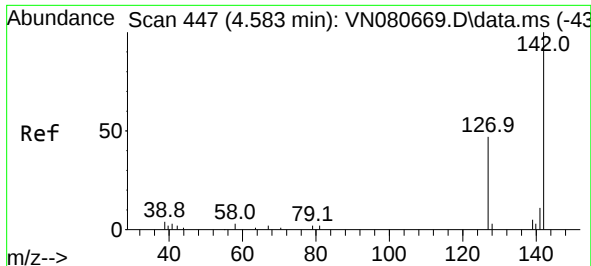
Tgt Ion:101 Resp: 20899
Ion Ratio Lower Upper
101 100
85 0.0 0.0 90.6
151 43.3 0.0 157.6



#10
1,1-Dichloroethene
Concen: 16.798 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 96 Resp: 35852
Ion Ratio Lower Upper
96 100
61 161.7 117.6 176.4
98 72.8 48.4 72.6#

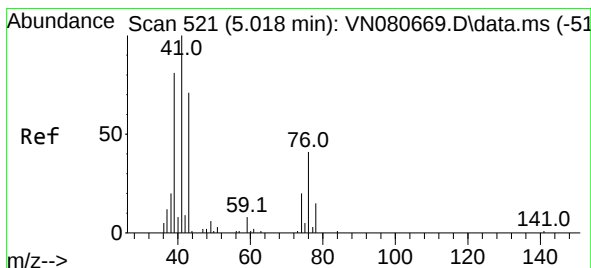
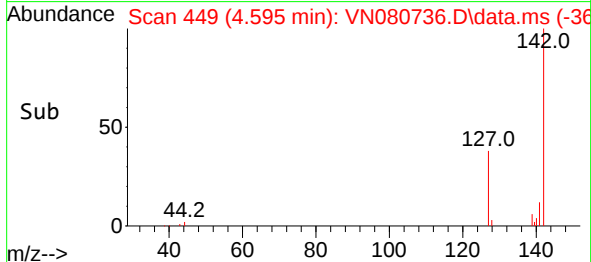
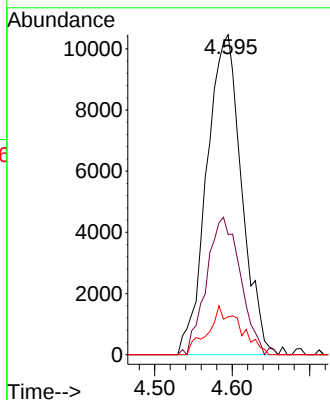
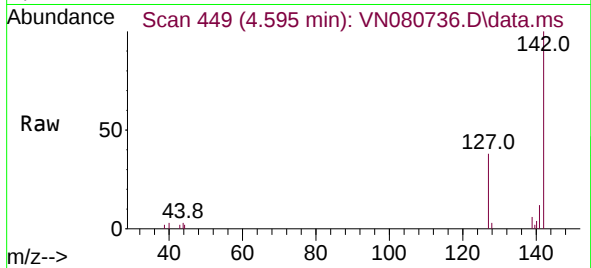




#11
Methyl Iodide
Concen: 17.947 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

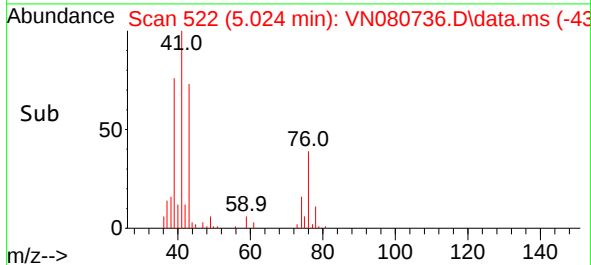
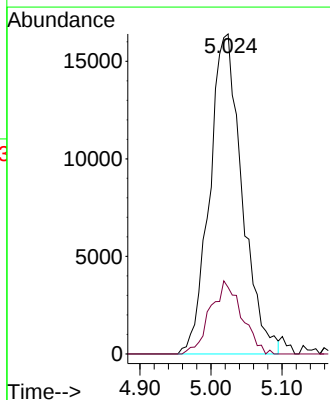
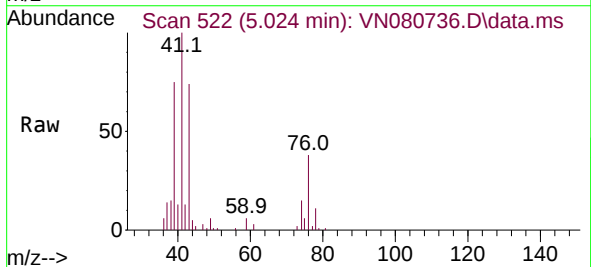
Instrument :
MSVOA_N
ClientSampleId :

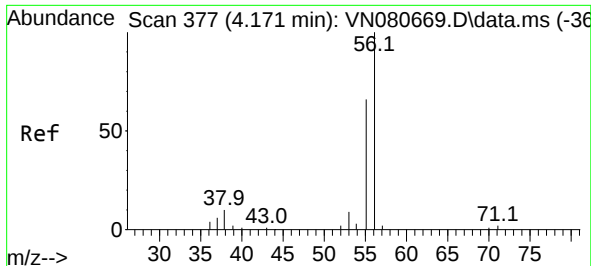
Tgt Ion:142 Resp: 32670
Ion Ratio Lower Upper
142 100
127 37.6 26.3 78.9
141 11.8 8.3 24.9



#12
Methyl Acetate
Concen: 20.629 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 43 Resp: 52090
Ion Ratio Lower Upper
43 100
74 21.4 27.7 41.5#





#13

Acrolein

Concen: 83.626 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

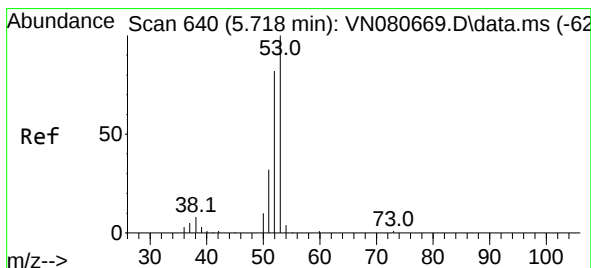
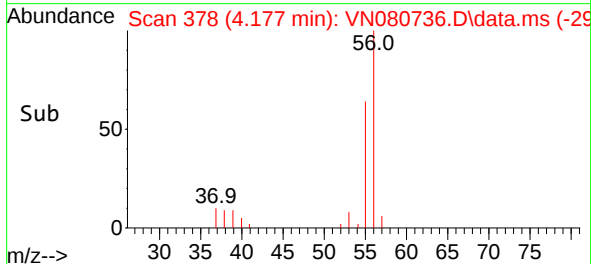
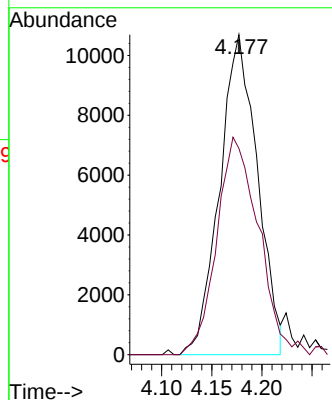
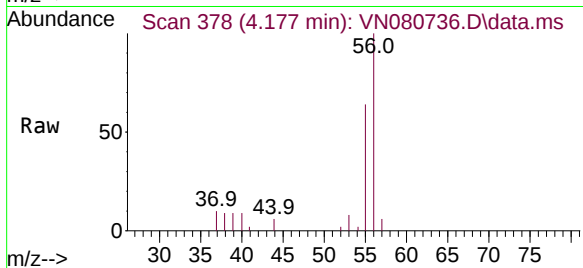
ClientSampleId :

Tgt Ion: 56 Resp: 28069

Ion Ratio Lower Upper

56 100

55 74.3 55.5 83.3



#14

Acrylonitrile

Concen: 100.700 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

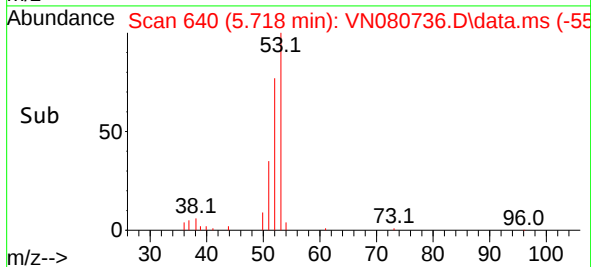
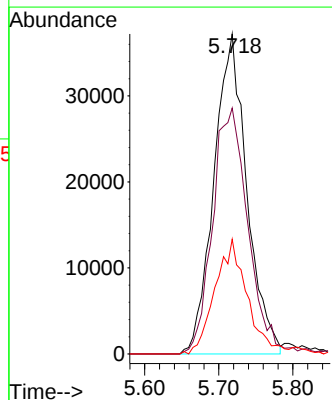
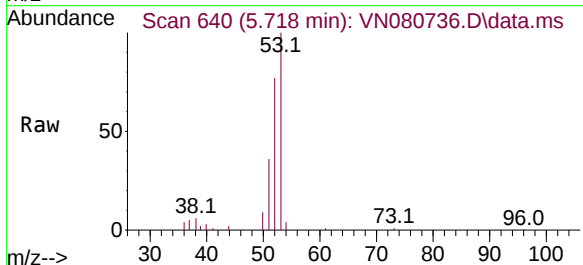
Tgt Ion: 53 Resp: 114582

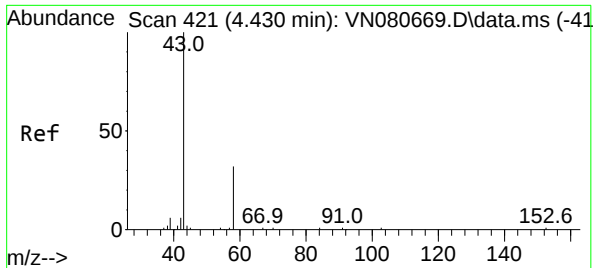
Ion Ratio Lower Upper

53 100

52 0.0 41.3 123.9#

51 33.9 16.8 50.3





#15

Acetone

Concen: 59.477 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

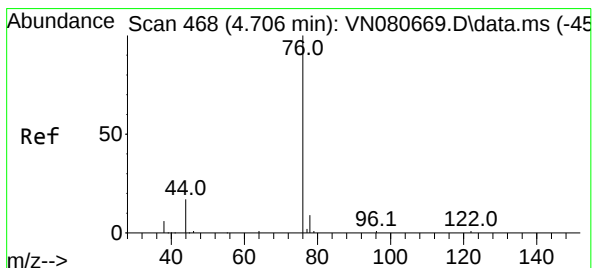
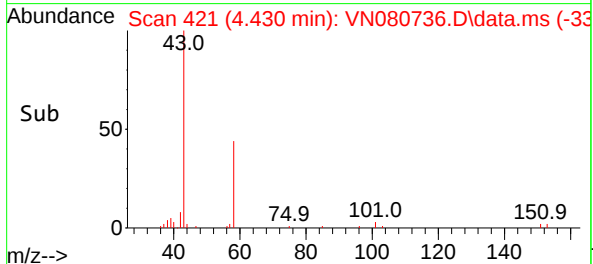
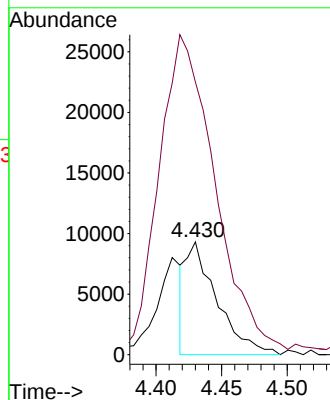
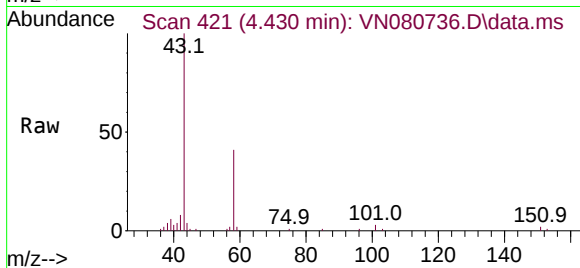
ClientSampleId :

Tgt Ion: 58 Resp: 15352

Ion Ratio Lower Upper

58 100

43 232.2 223.1 334.7



#16

Carbon Disulfide

Concen: 16.324 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080736.D

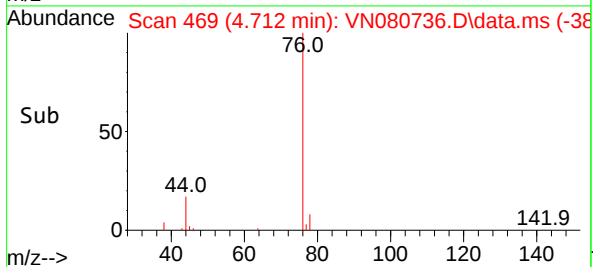
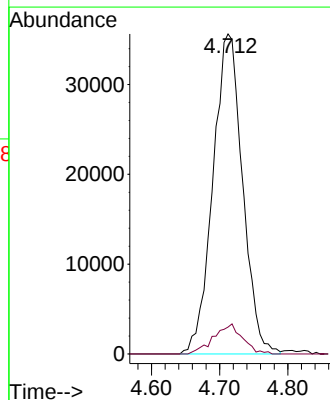
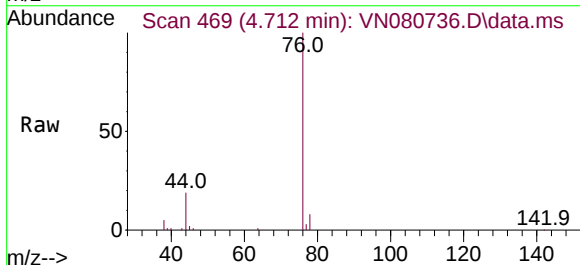
Acq: 22 Jan 2024 13:39

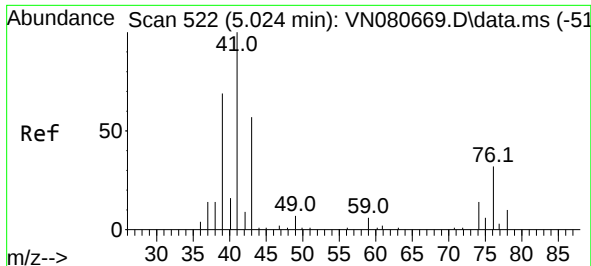
Tgt Ion: 76 Resp: 107934

Ion Ratio Lower Upper

76 100

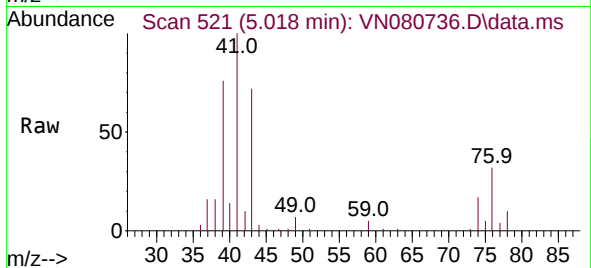
78 8.4 6.3 9.5



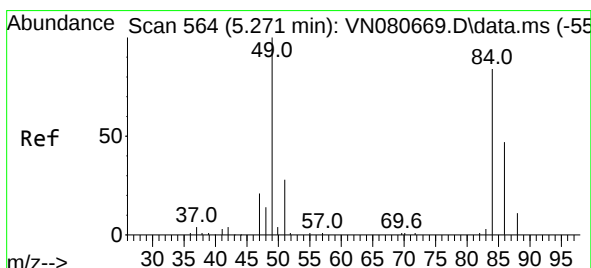
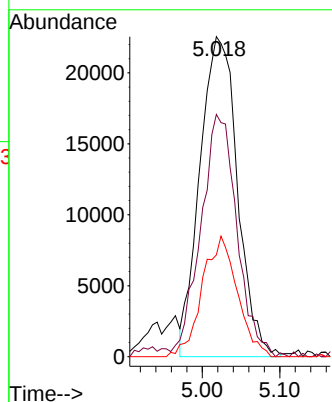
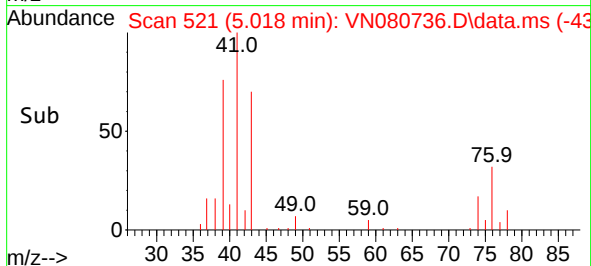


#17
 Allyl chloride
 Concen: 17.618 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

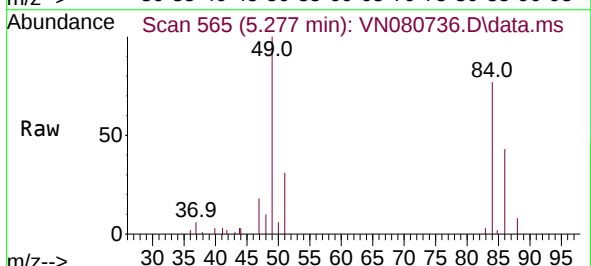
Instrument :
 MSVOA_N
 ClientSampleId :



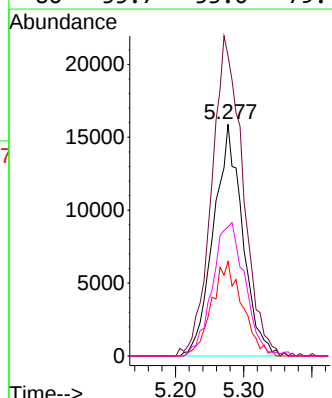
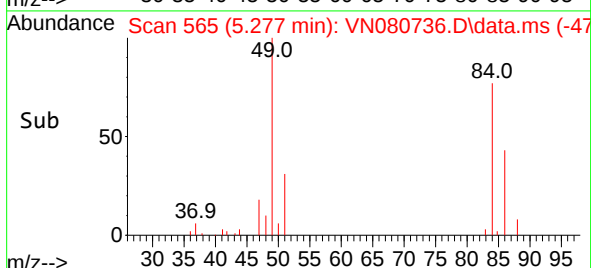
Tgt Ion: 41 Resp: 76119
 Ion Ratio Lower Upper
 41 100
 39 75.1 37.6 112.9
 76 32.1 27.8 83.4

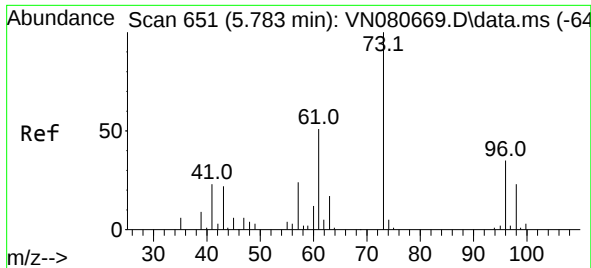


#18
 Methylene Chloride
 Concen: 18.956 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39



Tgt Ion: 84 Resp: 47014
 Ion Ratio Lower Upper
 84 100
 49 129.5 86.0 129.0#
 51 40.7 30.0 45.0
 86 55.7 53.0 79.4

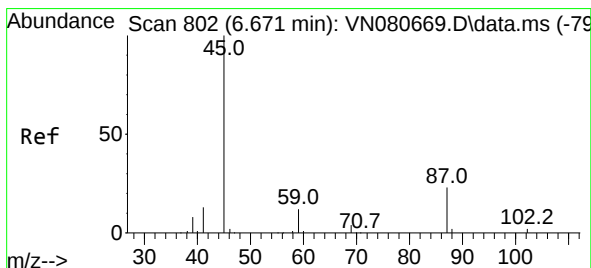
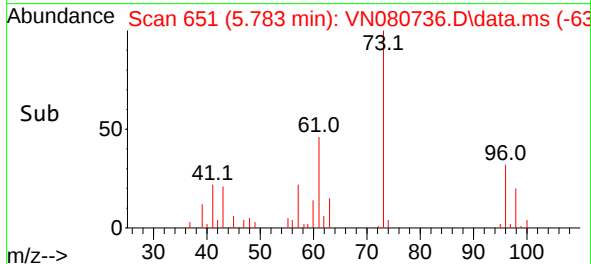
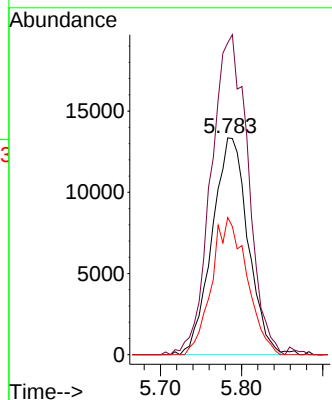
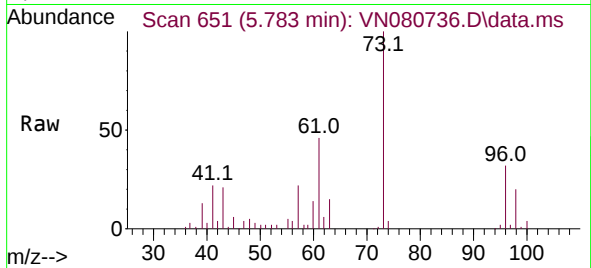




#19
trans-1,2-Dichloroethene
Concen: 18.230 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

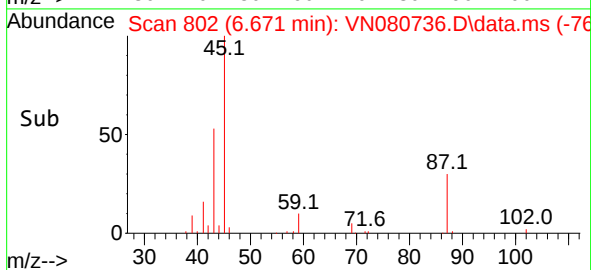
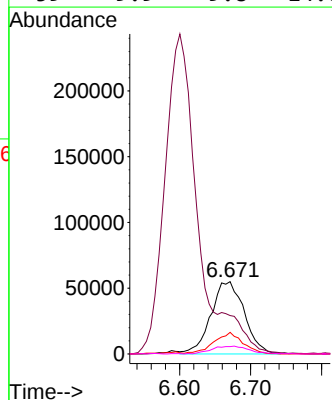
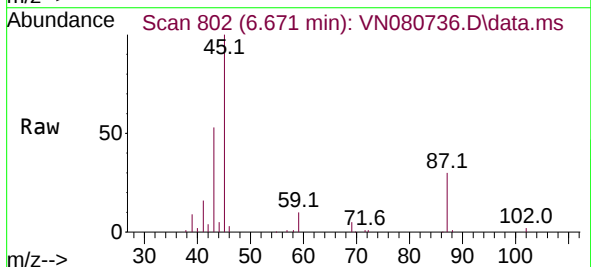
Instrument :
MSVOA_N
ClientSampleId :

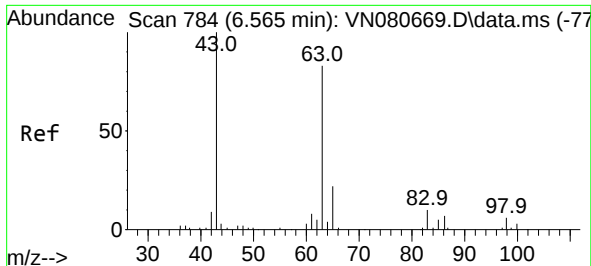
Tgt Ion: 96 Resp: 40908
Ion Ratio Lower Upper
96 100
61 142.5 111.8 167.6
98 63.2 49.2 73.8



#20
Diisopropyl ether
Concen: 20.471 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 45 Resp: 179474
Ion Ratio Lower Upper
45 100
43 51.8 40.4 60.6
87 30.2 23.8 35.8
59 9.9 9.8 14.6

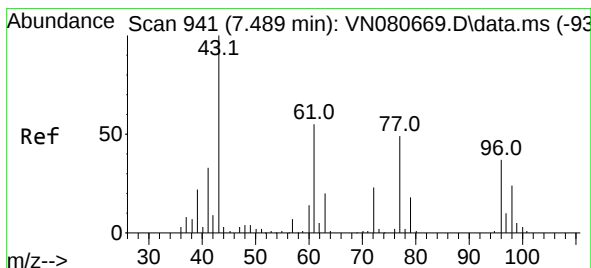
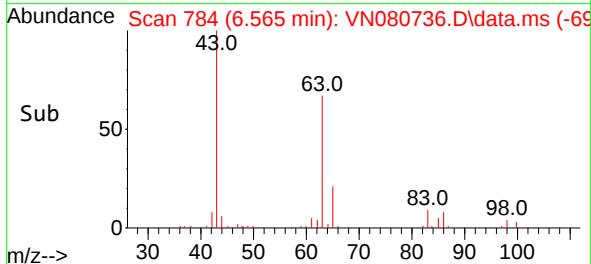
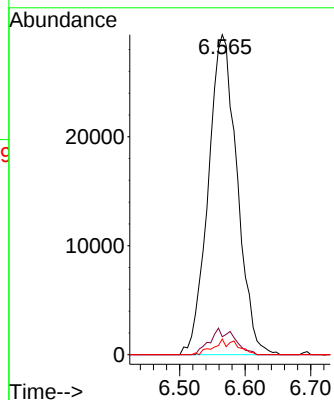
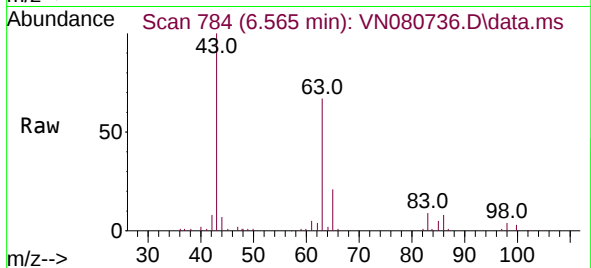




#21
1,1-Dichloroethane
Concen: 18.846 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

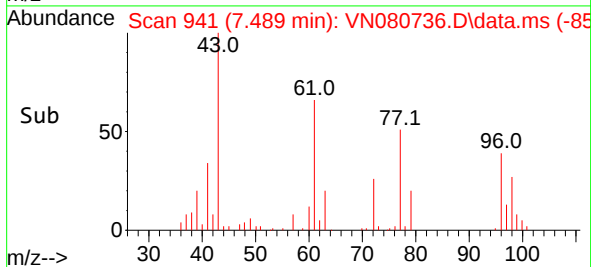
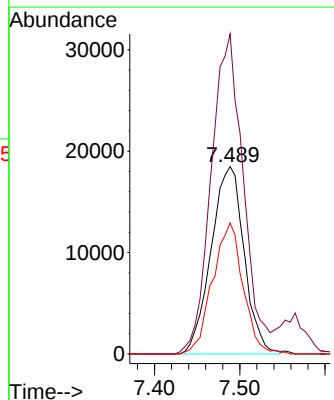
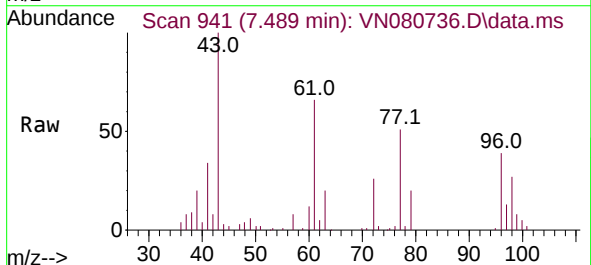
Instrument :
MSVOA_N
ClientSampleId :

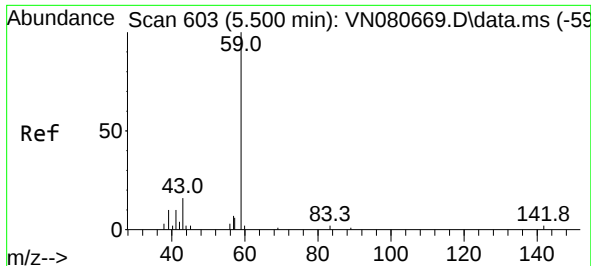
Tgt Ion: 63 Resp: 89728
Ion Ratio Lower Upper
63 100
98 5.6 4.1 12.3
100 4.9 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 18.977 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 96 Resp: 49816
Ion Ratio Lower Upper
96 100
61 165.5 113.5 170.3
98 64.5 52.0 78.0

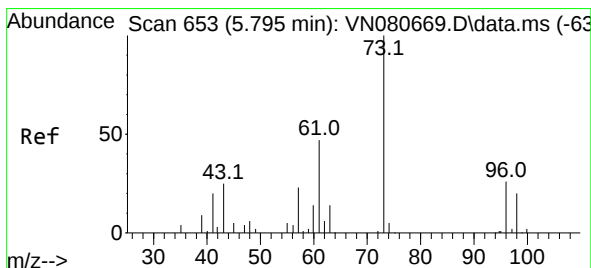
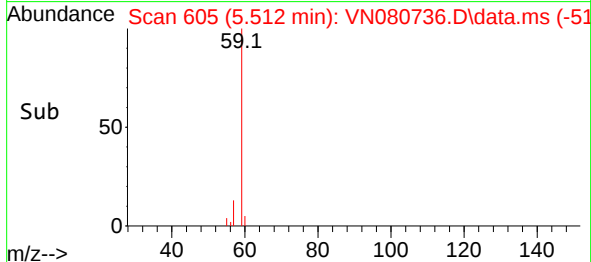
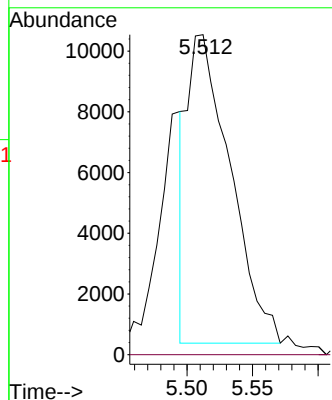
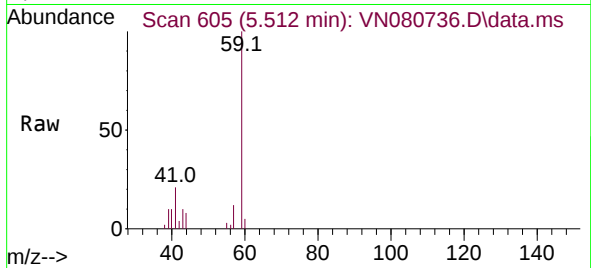




#23
tert-Butyl Alcohol
Concen: 58.685 ug/l
RT: 5.512 min Scan# 603
Delta R.T. 0.012 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

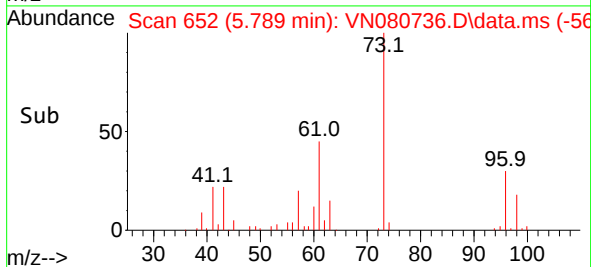
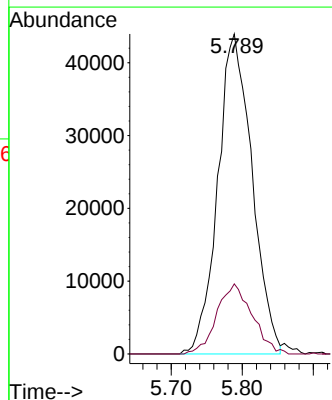
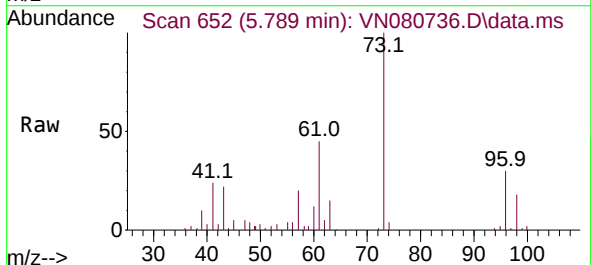
Instrument :
MSVOA_N
ClientSampleId :

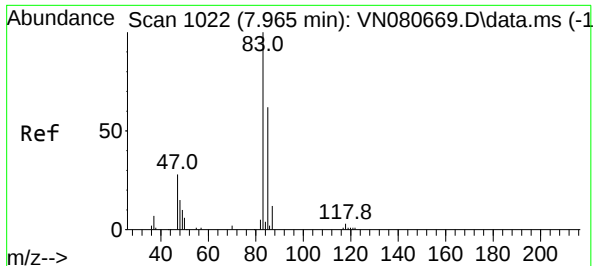
Tgt Ion: 59 Resp: 23030
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.068 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 73 Resp: 147145
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#

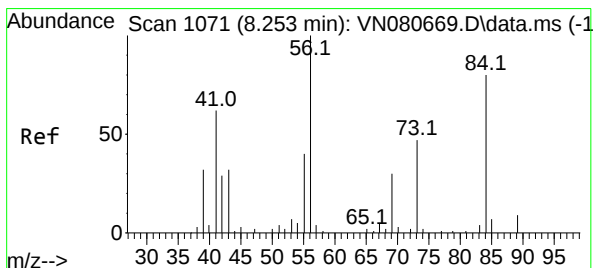
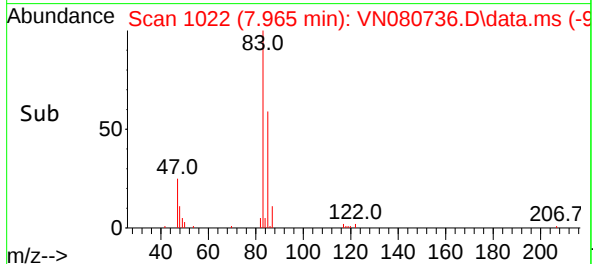
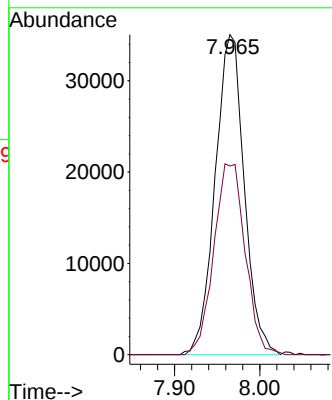
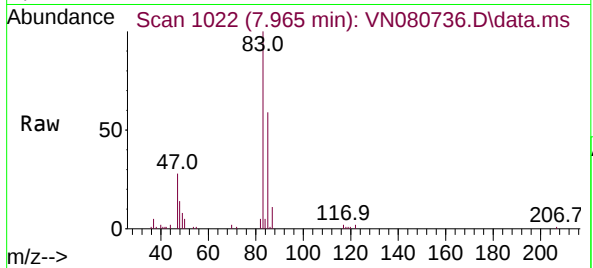




#25
Chloroform
Concen: 18.789 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

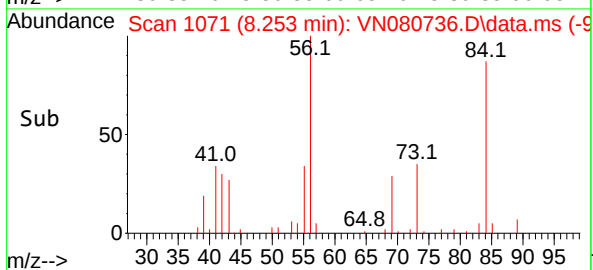
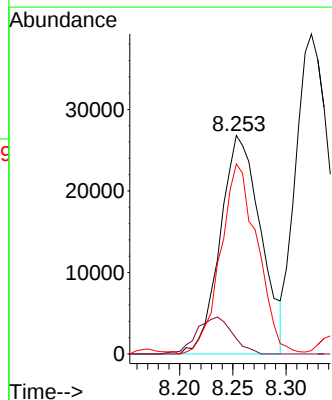
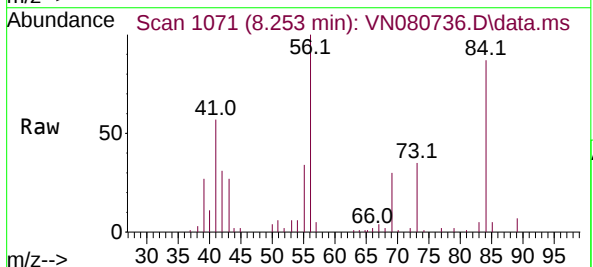
Instrument :
MSVOA_N
ClientSampleId :

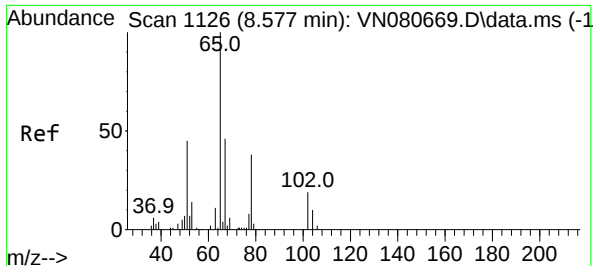
Tgt Ion: 83 Resp: 83289
Ion Ratio Lower Upper
83 100
85 58.9 50.9 76.3



#26
Cyclohexane
Concen: 18.920 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 56 Resp: 70837
Ion Ratio Lower Upper
56 100
89 14.8 19.3 28.9#
84 79.4 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 26.557 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

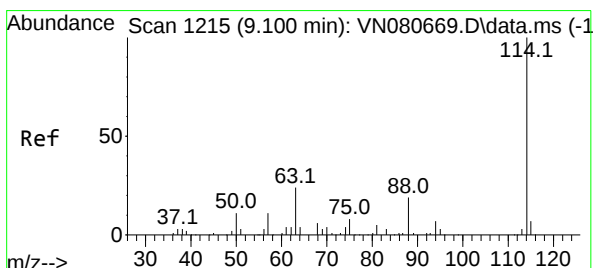
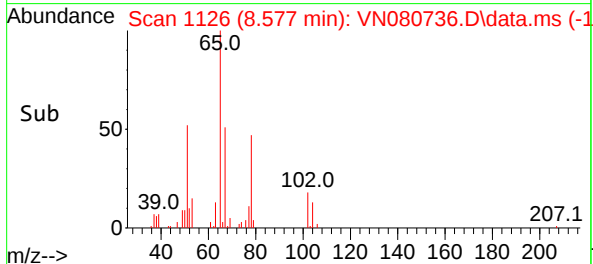
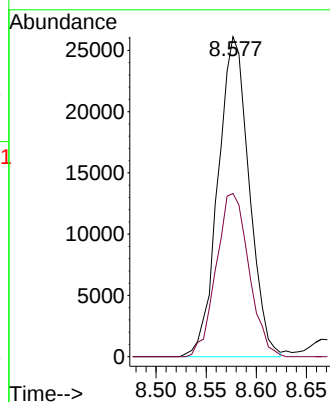
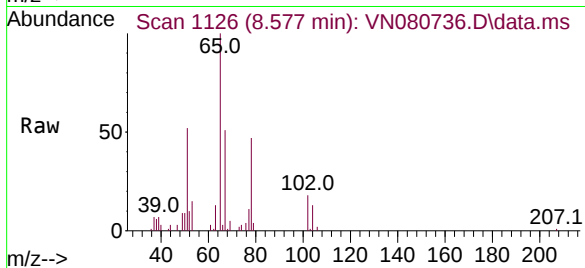
ClientSampleId :

Tgt Ion: 65 Resp: 56202

Ion Ratio Lower Upper

65 100

67 53.7 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: VN080736.D

Acq: 22 Jan 2024 13:39

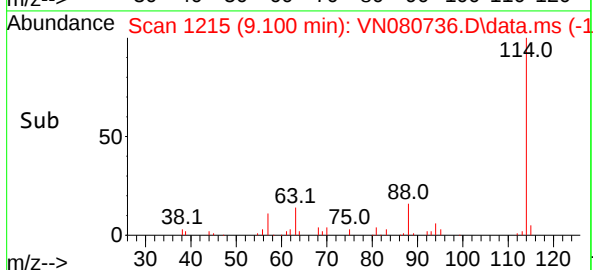
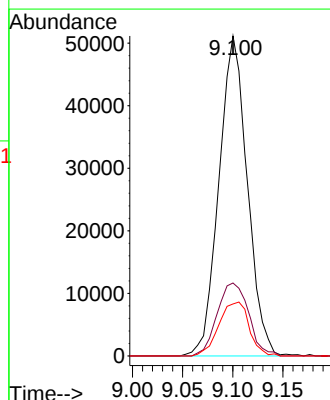
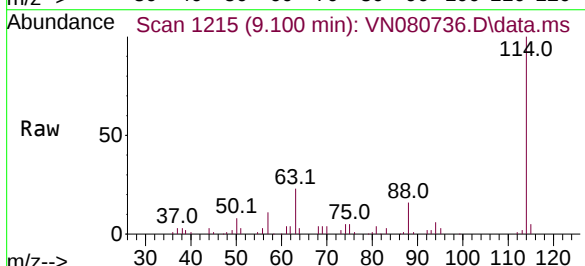
Tgt Ion: 114 Resp: 100699

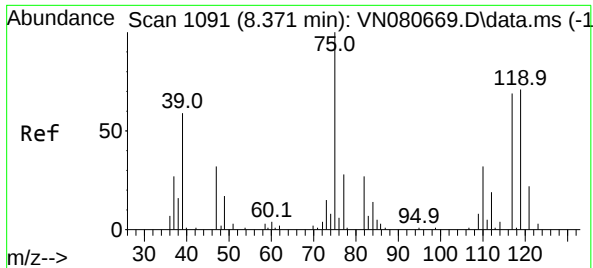
Ion Ratio Lower Upper

114 100

63 25.3 15.9 23.9

88 18.0 12.7 19.1

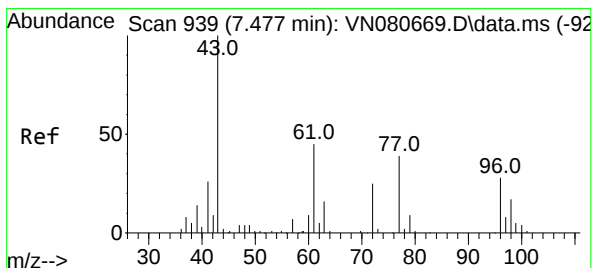
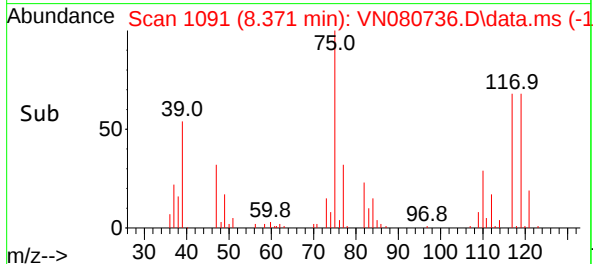
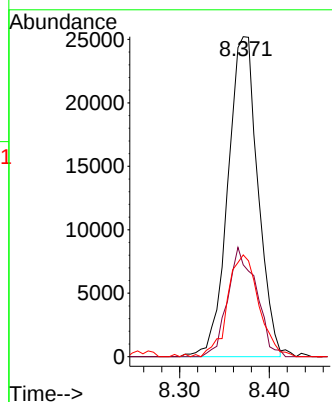
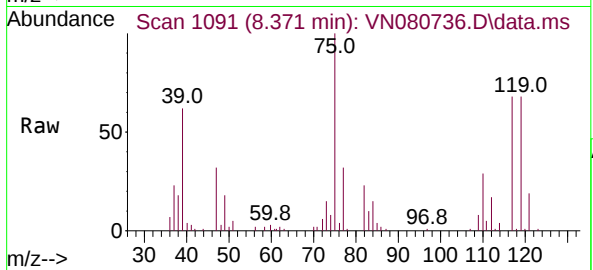




#29
1,1-Dichloropropene
Concen: 19.144 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

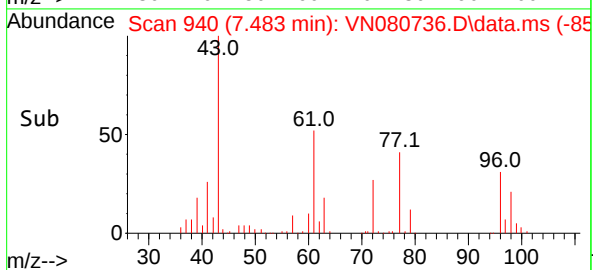
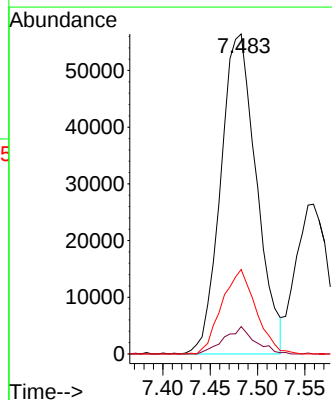
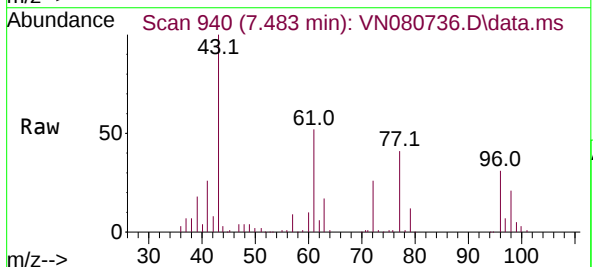
Instrument :
MSVOA_N
ClientSampleId :

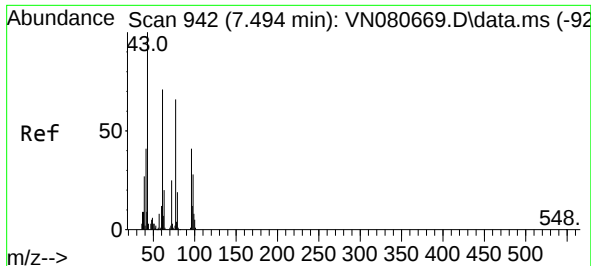
Tgt Ion: 75 Resp: 58601
Ion Ratio Lower Upper
75 100
110 32.3 0.0 70.2
77 33.0 0.0 61.4



#30
2-Butanone
Concen: 109.431 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 43 Resp: 148227
Ion Ratio Lower Upper
43 100
57 7.3 6.7 10.1
72 25.2 24.0 36.0

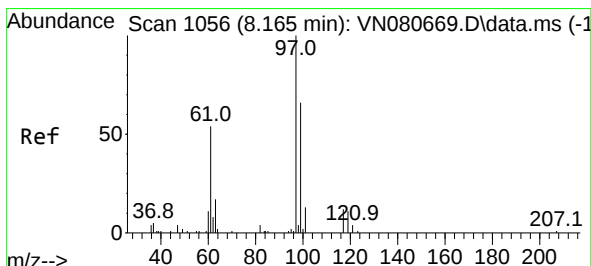
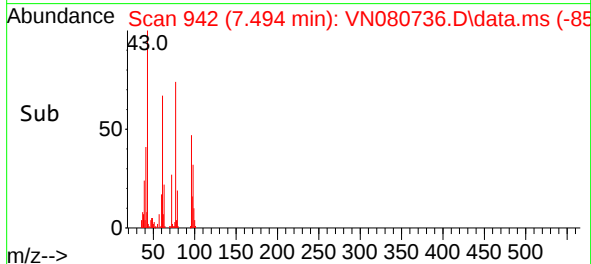
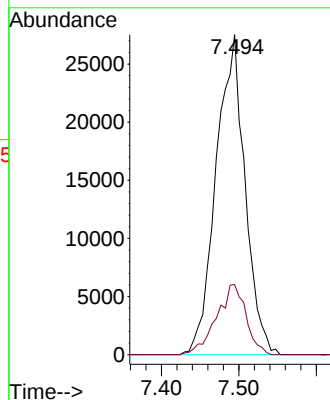
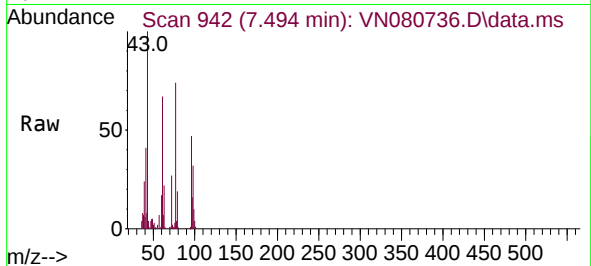




#31
2,2-Dichloropropane
Concen: 19.418 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

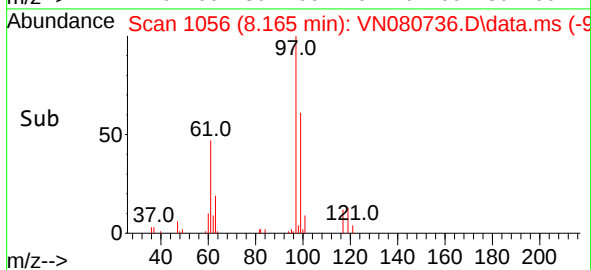
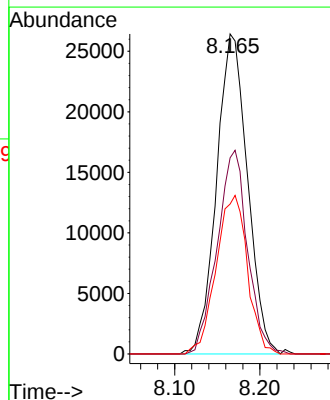
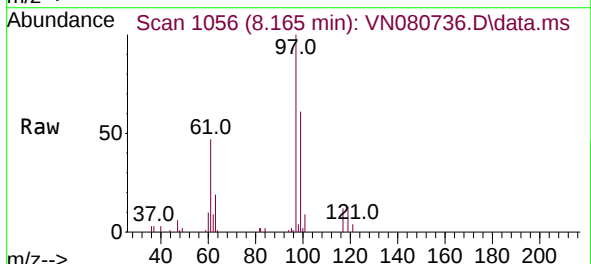
Instrument :
MSVOA_N
ClientSampleId :

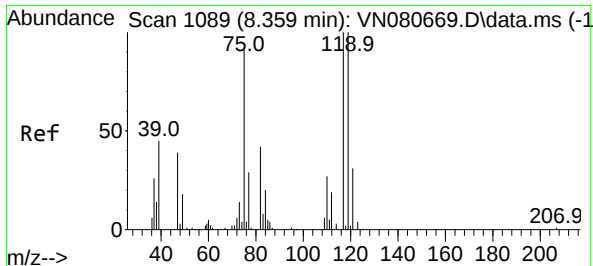
Tgt Ion: 77 Resp: 71404
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.799 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

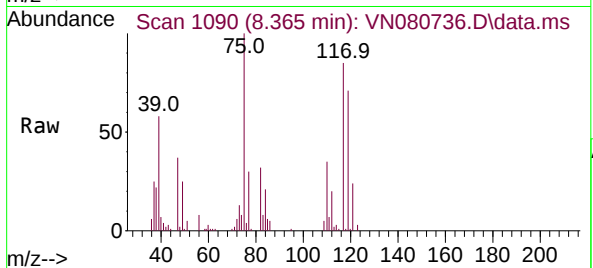
Tgt Ion: 97 Resp: 66689
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.4
61 50.2 33.8 50.8



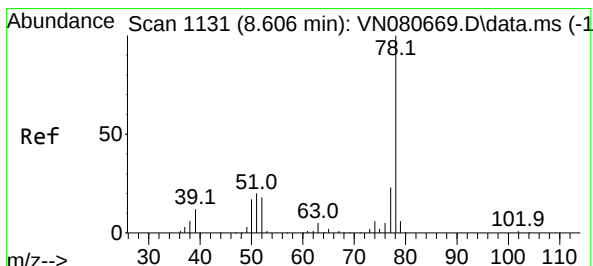
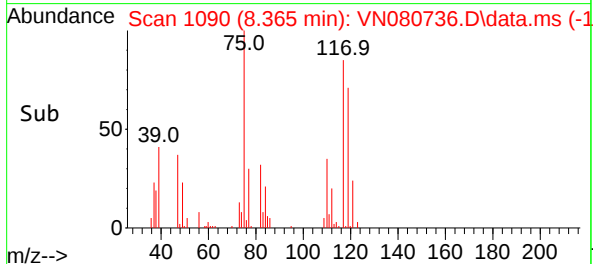
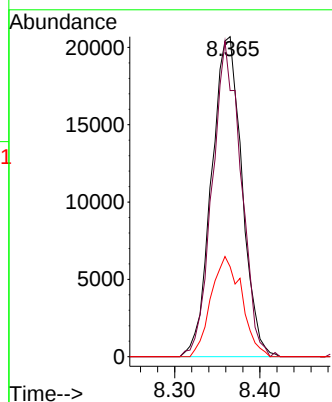


#33
Carbon Tetrachloride
Concen: 19.240 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

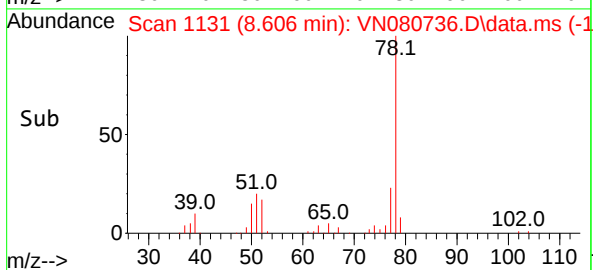
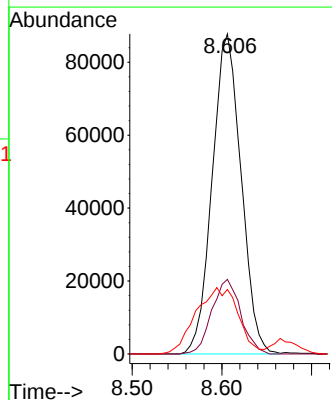
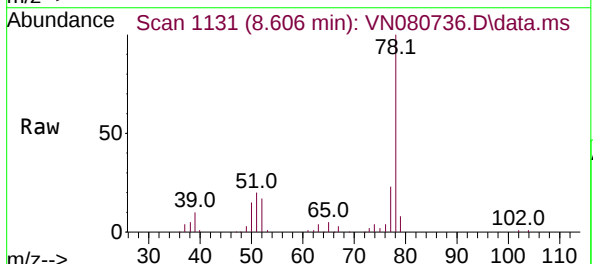


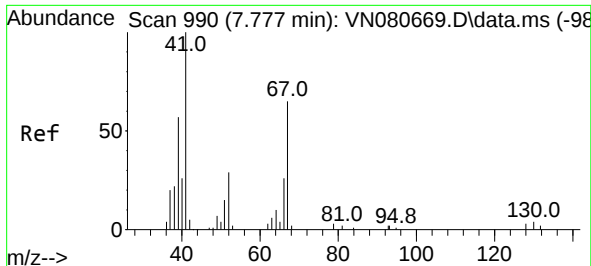
Tgt Ion:117 Resp: 51181
Ion Ratio Lower Upper
117 100
119 83.1 77.7 116.5
121 28.1 27.0 40.6



#34
Benzene
Concen: 21.592 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 78 Resp: 196046
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
51 17.1 13.3 19.9

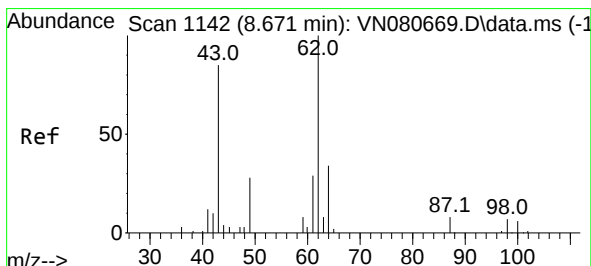
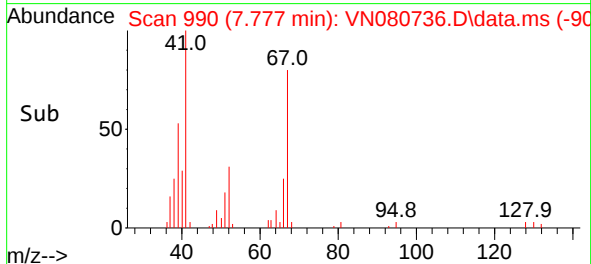
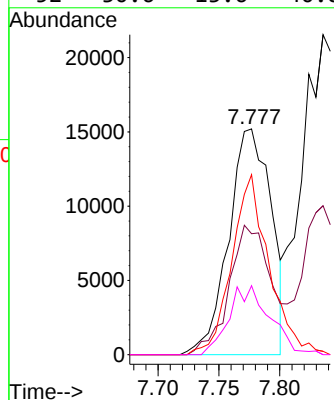
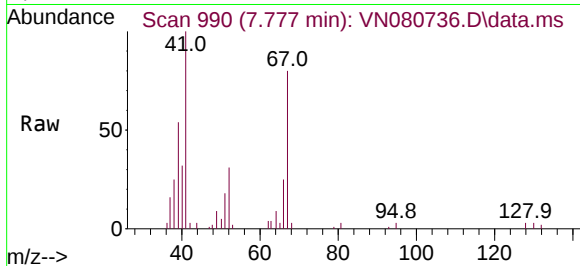




#35
Methacrylonitrile
Concen: 21.728 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

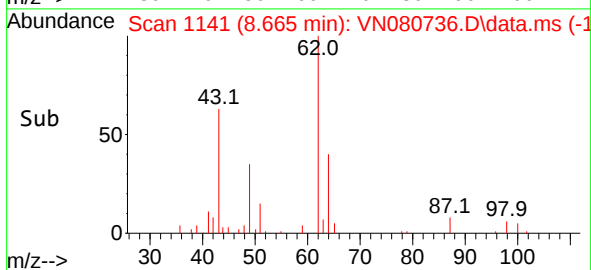
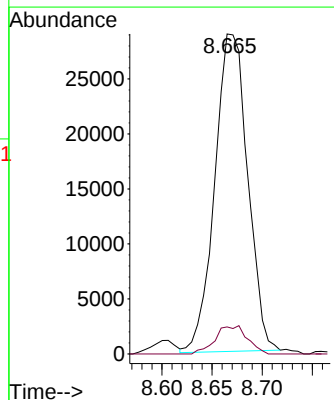
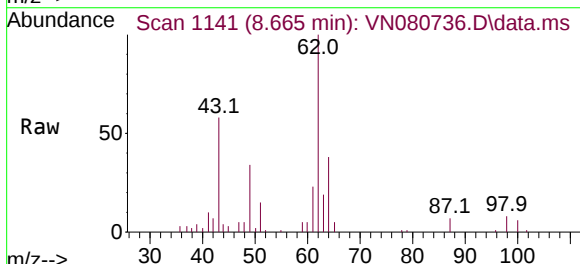
Instrument :
MSVOA_N
ClientSampleId :

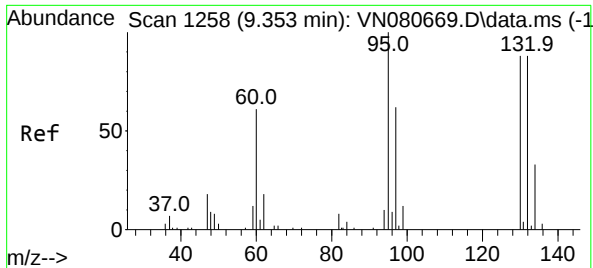
Tgt Ion: 41	Resp: 36931
Ion Ratio	Lower Upper
41 100	
39 53.5	25.3 75.9
67 79.7	38.7 116.1
52 30.6	13.6 40.8



#36
1,2-Dichloroethane
Concen: 19.735 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 62	Resp: 65887
Ion Ratio	Lower Upper
62 100	
98 5.3	8.2 12.4#





#37

Trichloroethene

Concen: 19.615 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

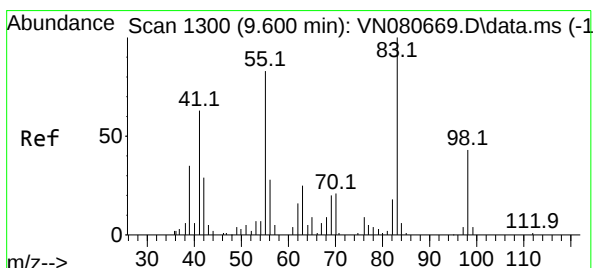
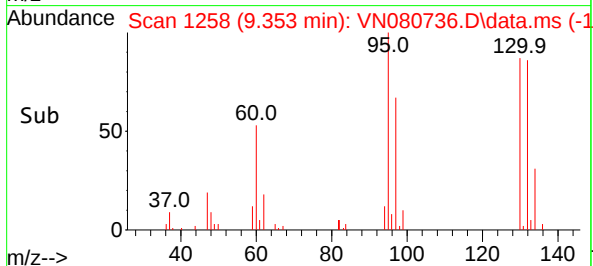
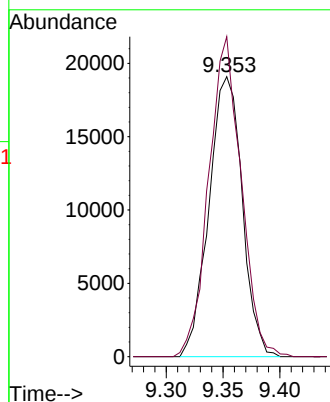
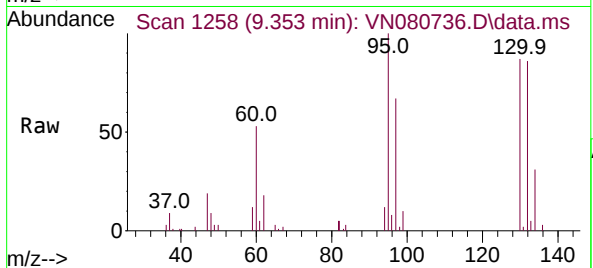
ClientSampleId :

Tgt Ion:130 Resp: 38841

Ion Ratio Lower Upper

130 100

95 113.3 80.2 120.4



#38

Methylcyclohexane

Concen: 19.818 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

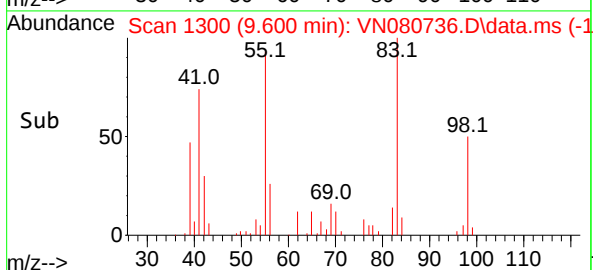
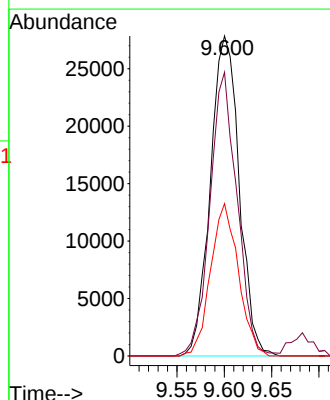
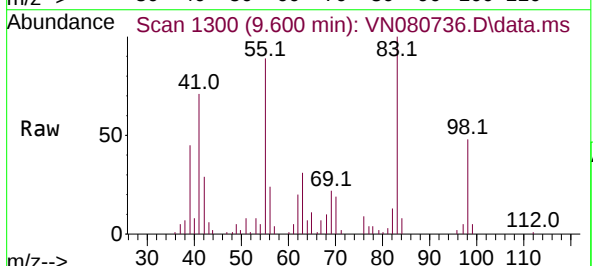
Tgt Ion: 83 Resp: 59101

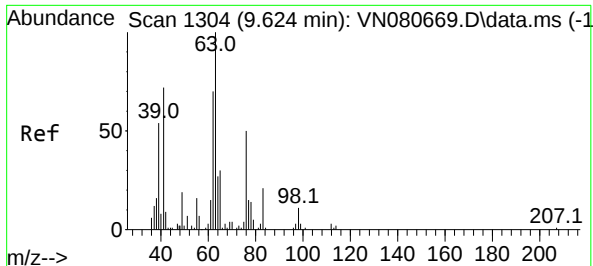
Ion Ratio Lower Upper

83 100

55 83.5 36.6 109.9

98 45.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 22.665 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

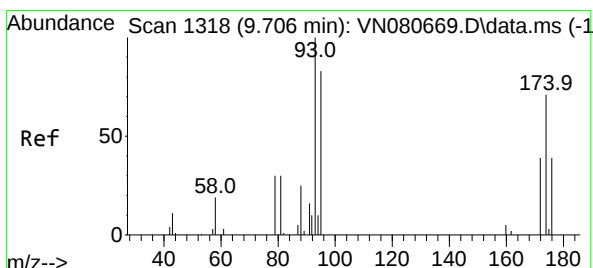
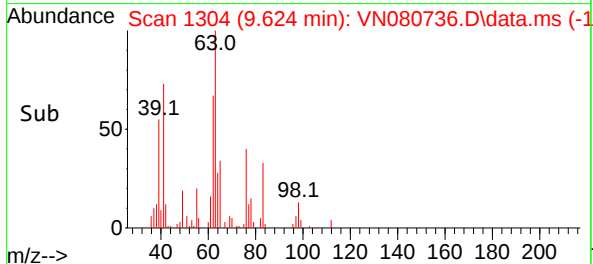
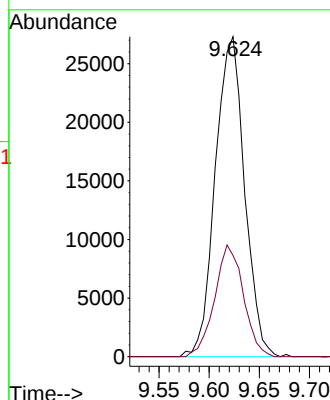
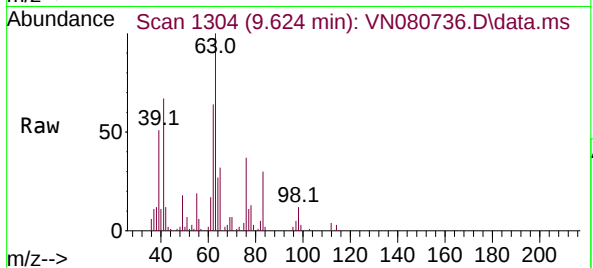
ClientSampleId :

Tgt Ion: 63 Resp: 55465

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#40

Dibromomethane

Concen: 21.631 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

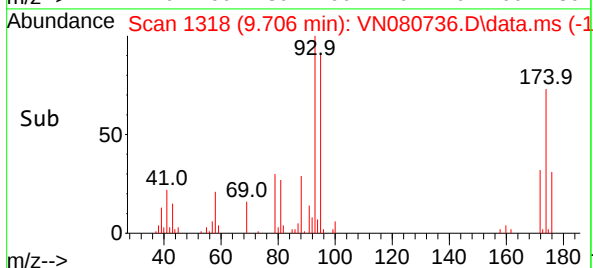
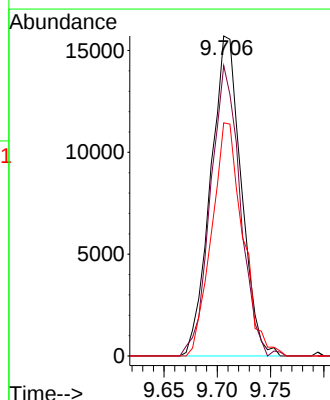
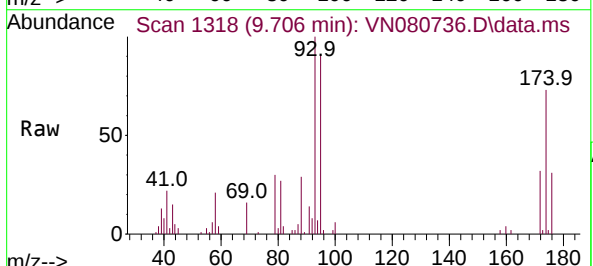
Tgt Ion: 93 Resp: 31496

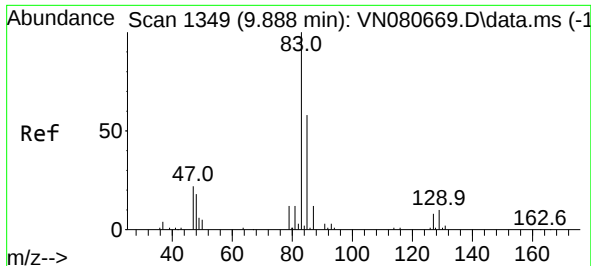
Ion Ratio Lower Upper

93 100

95 87.1 0.0 164.6

174 73.8 0.0 193.2

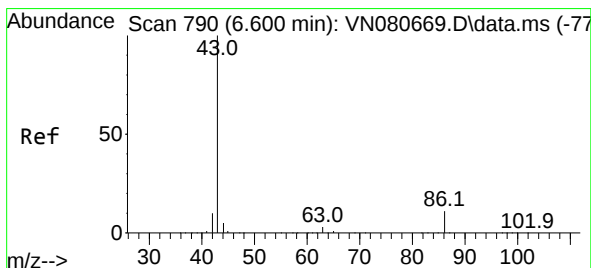
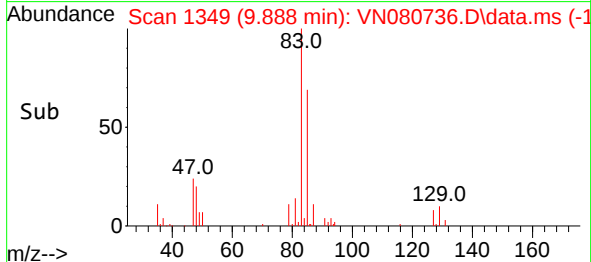
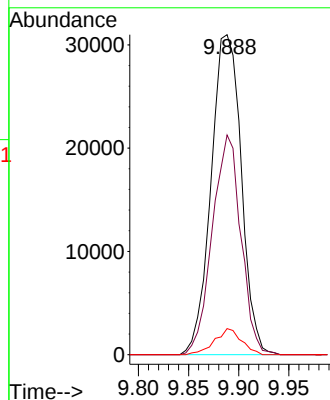
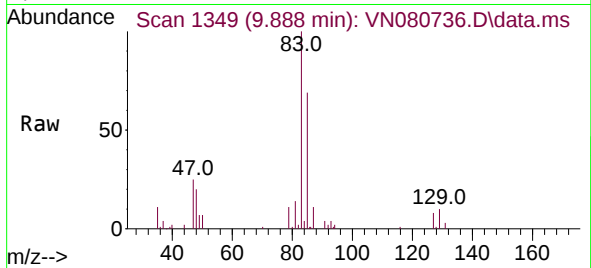




#41
Bromodichloromethane
Concen: 20.397 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

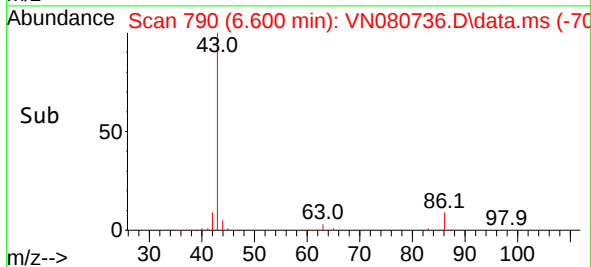
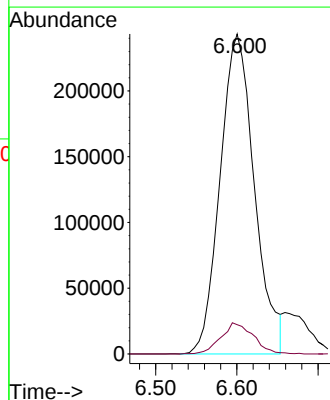
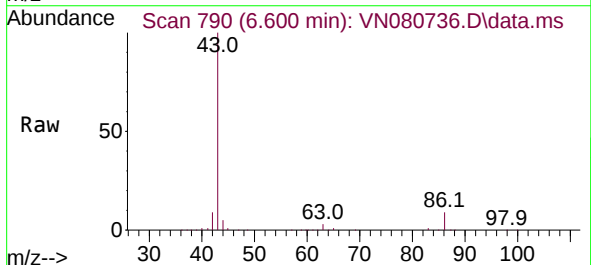
Instrument :
MSVOA_N
ClientSampleId :

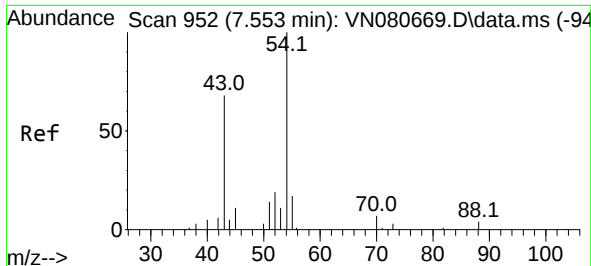
Tgt Ion: 83 Resp: 64992
Ion Ratio Lower Upper
83 100
85 68.6 49.4 74.2
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 113.534 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 43 Resp: 714758
Ion Ratio Lower Upper
43 100
86 9.2 9.4 14.2#

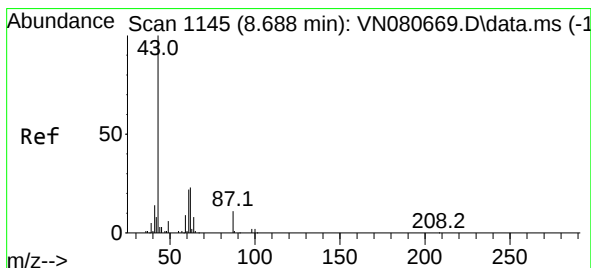
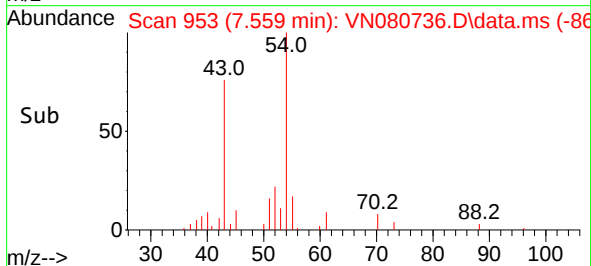
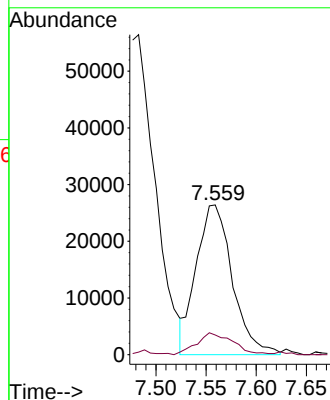
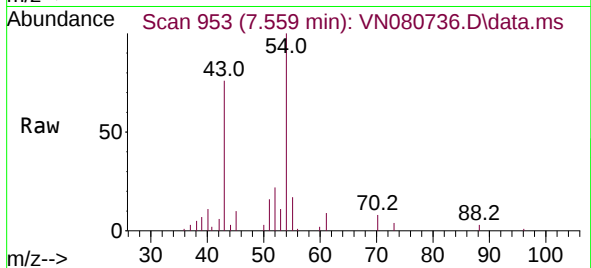




#43
Ethyl Acetate
Concen: 23.310 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

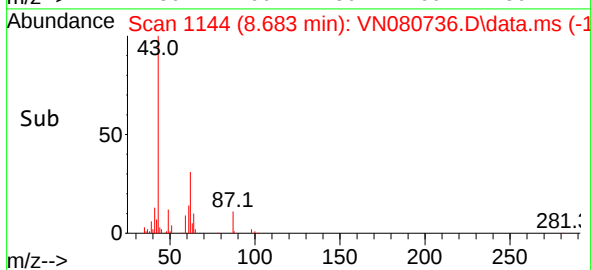
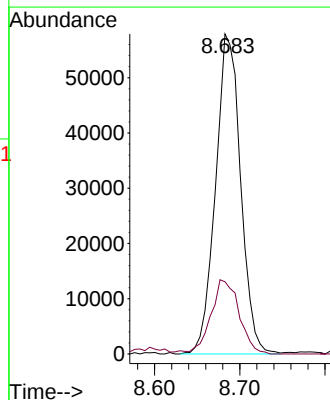
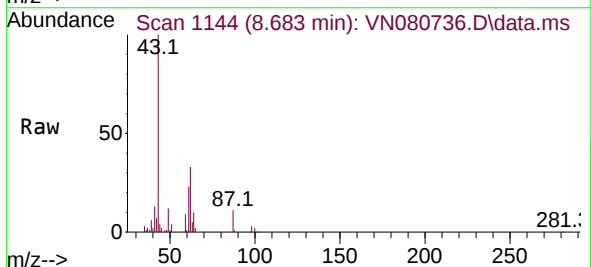
Instrument :
MSVOA_N
ClientSampleId :

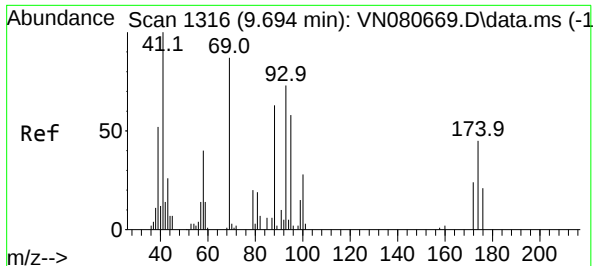
Tgt Ion: 43 Resp: 66300
Ion Ratio Lower Upper
43 100
45 14.7 10.6 15.8



#44
Isopropyl Acetate
Concen: 21.832 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 43 Resp: 118539
Ion Ratio Lower Upper
43 100
61 25.8 25.0 37.4





#45

1,4-Dioxane

Concen: 421.282 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

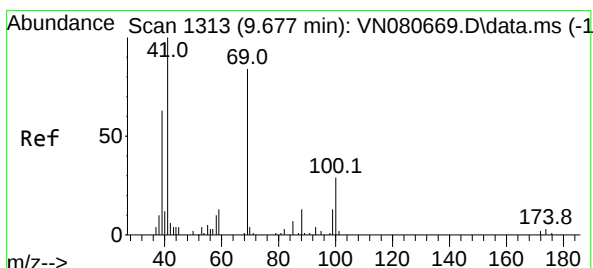
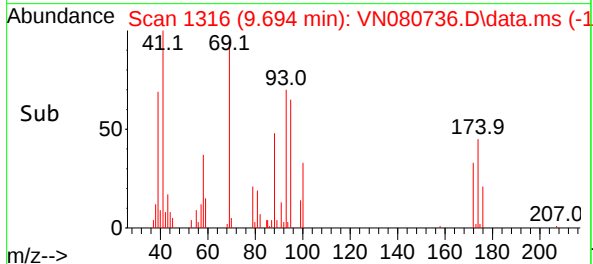
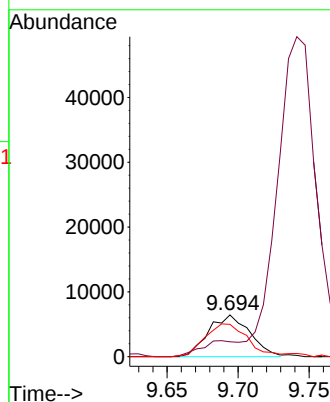
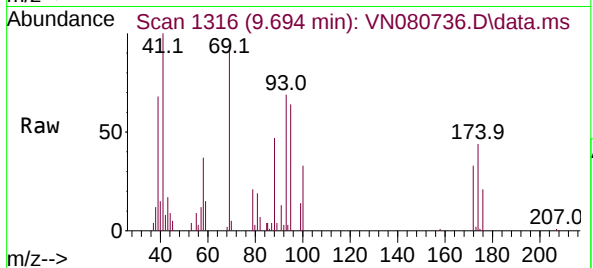
Tgt Ion: 88 Resp: 13009

Ion Ratio Lower Upper

88 100

43 34.8 19.8 29.6#

58 80.7 55.4 83.0



#46

Methyl methacrylate

Concen: 20.208 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

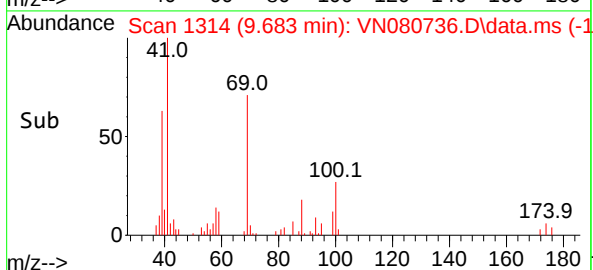
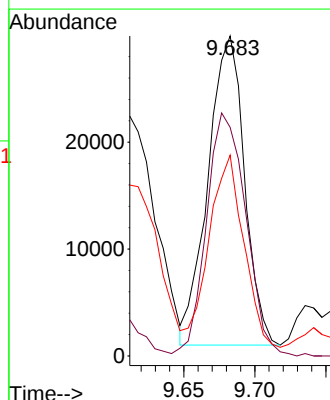
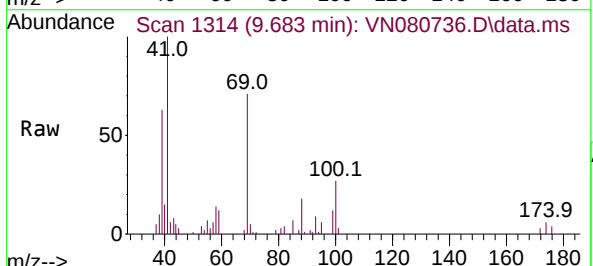
Tgt Ion: 41 Resp: 51665

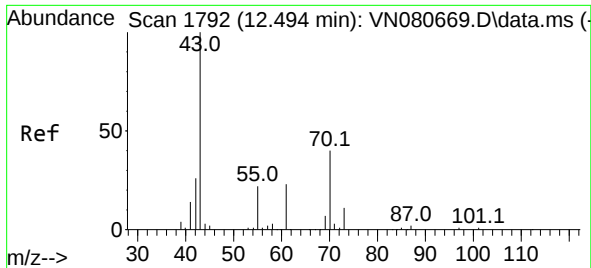
Ion Ratio Lower Upper

41 100

69 72.6 51.1 153.3

39 62.2 25.8 77.3

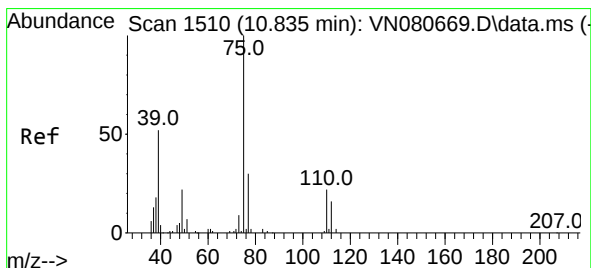
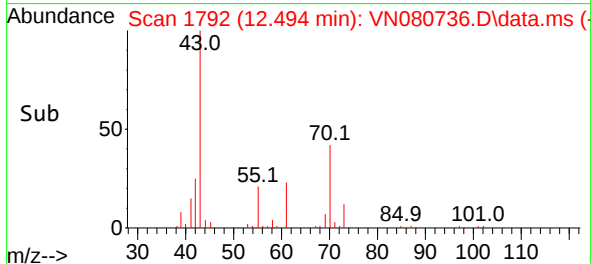
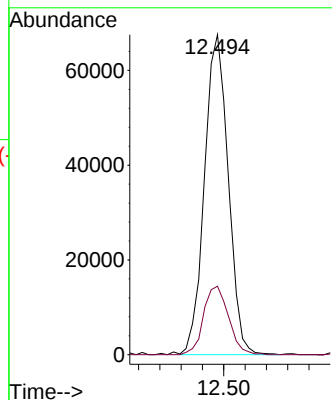
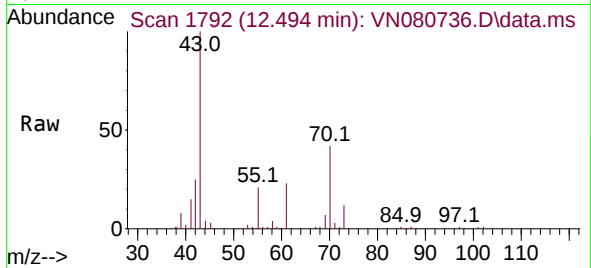




#47
n-amyl acetate
Concen: 21.520 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

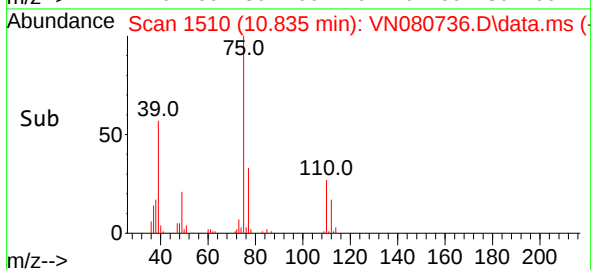
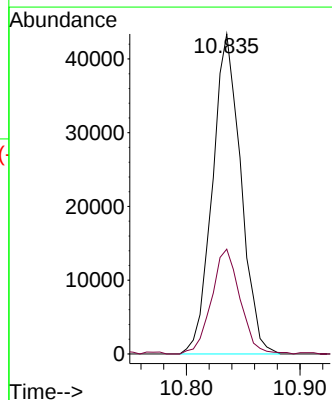
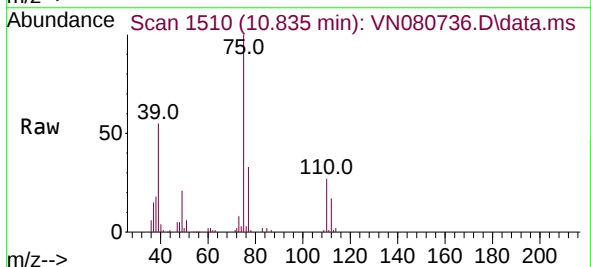
Instrument :
MSVOA_N
ClientSampleId :

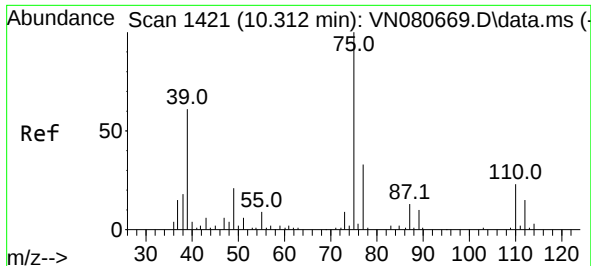
Tgt Ion: 43 Resp: 104847
Ion Ratio Lower Upper
43 100
55 22.5 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 20.085 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 75 Resp: 75410
Ion Ratio Lower Upper
75 100
77 32.8 23.8 35.6

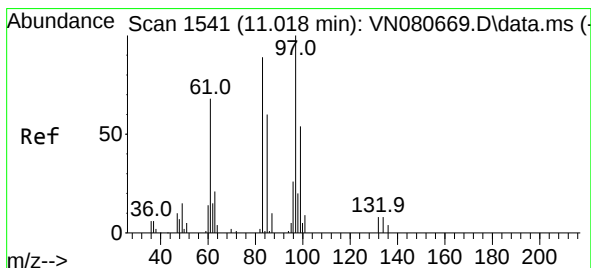
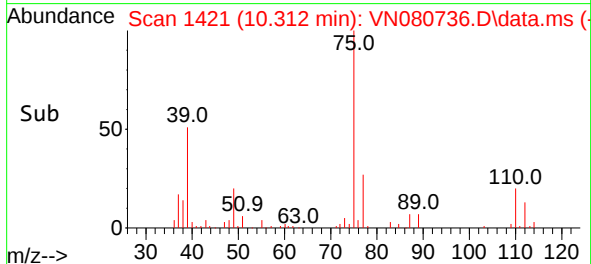
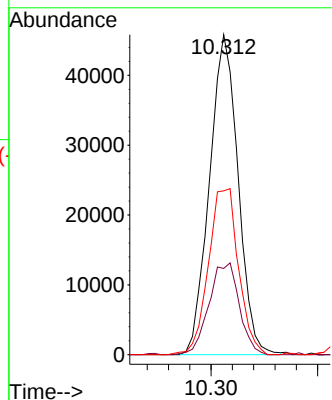
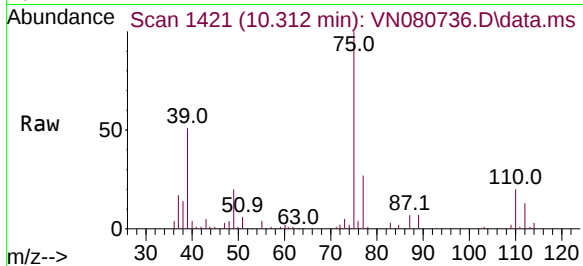




#49
 cis-1,3-Dichloropropene
 Concen: 21.451 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

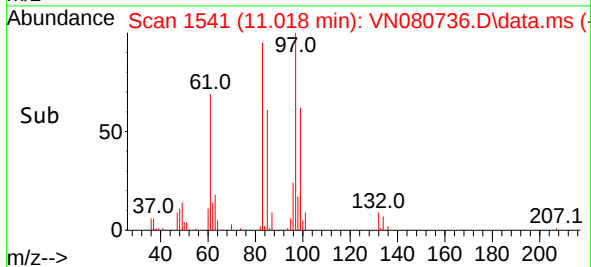
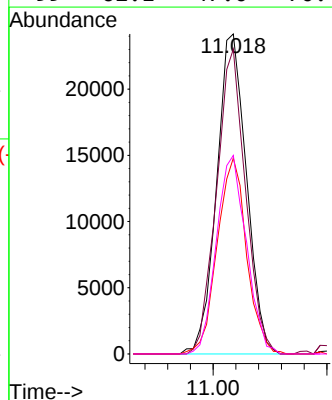
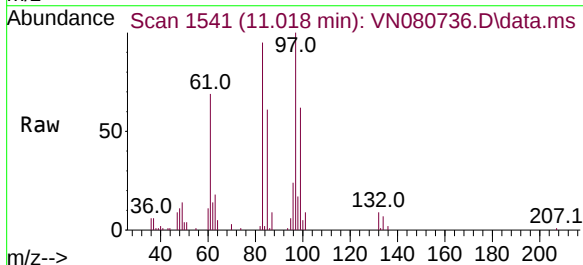
Instrument :
 MSVOA_N
 ClientSampleId :

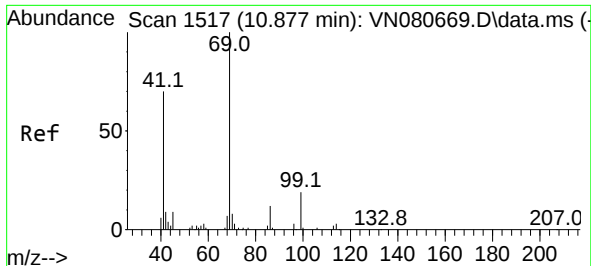
Tgt Ion: 75 Resp: 85484
 Ion Ratio Lower Upper
 75 100
 77 27.0 24.9 37.3
 39 51.2 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 22.024 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

Tgt Ion: 97 Resp: 44041
 Ion Ratio Lower Upper
 97 100
 83 95.2 68.1 102.1
 85 61.2 41.8 62.6
 99 62.1 47.0 70.4

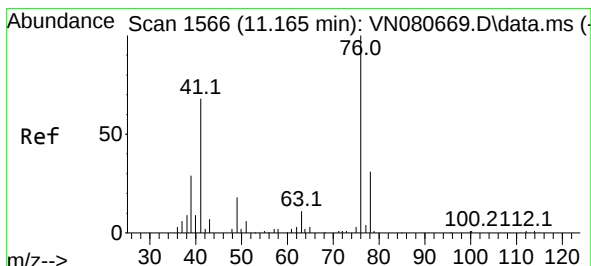
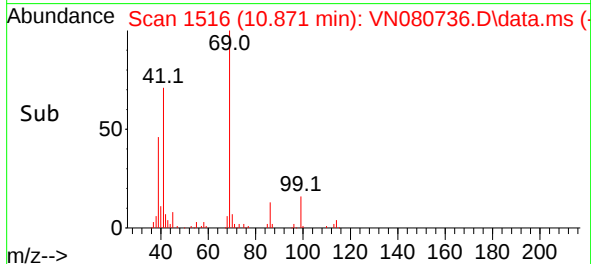
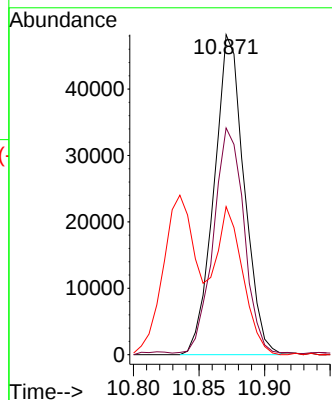
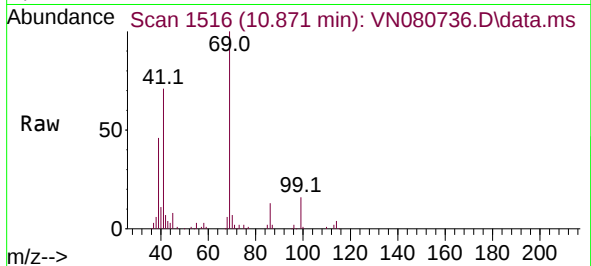




#51
Ethyl methacrylate
Concen: 22.263 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

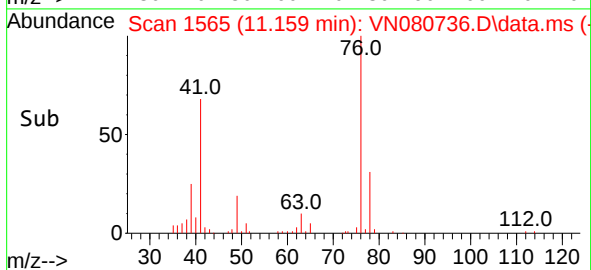
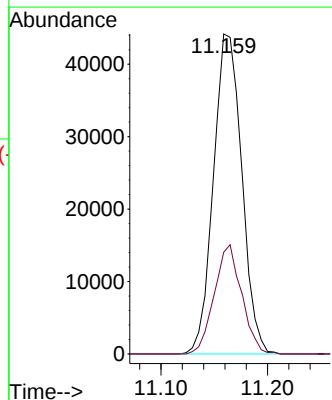
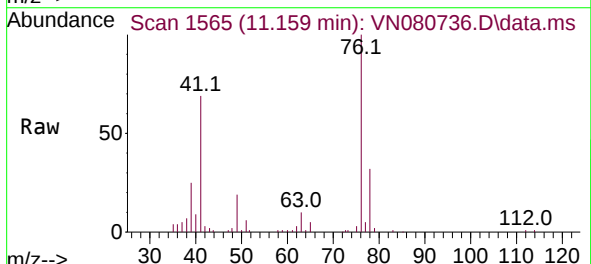
Instrument :
MSVOA_N
ClientSampleId :

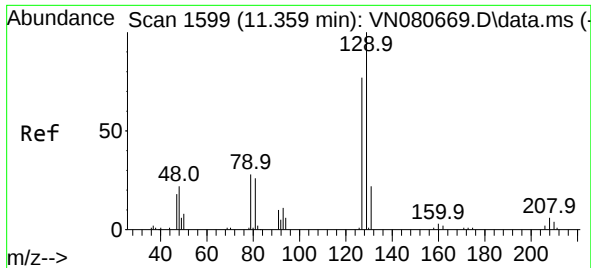
Tgt Ion: 69 Resp: 76960
Ion Ratio Lower Upper
69 100
41 70.2 25.5 76.5
39 46.2 16.0 47.9



#52
1,3-Dichloropropane
Concen: 21.700 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 76 Resp: 81690
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8

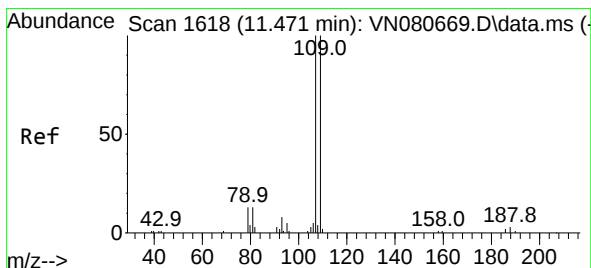
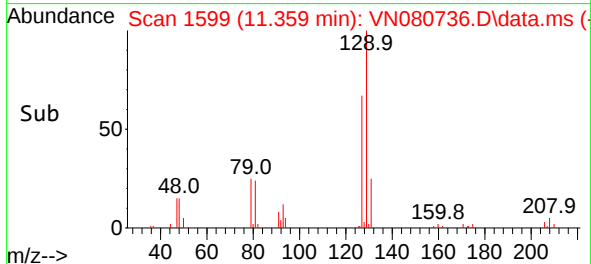
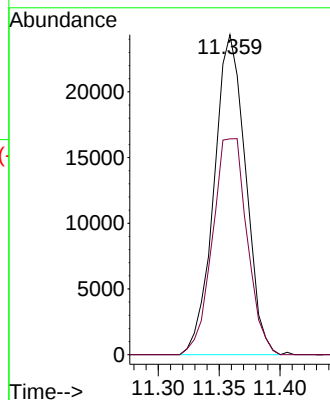
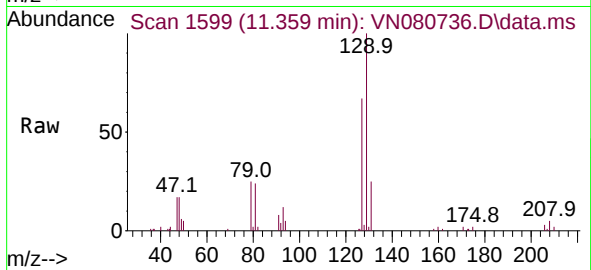




#53
Dibromochloromethane
Concen: 21.962 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

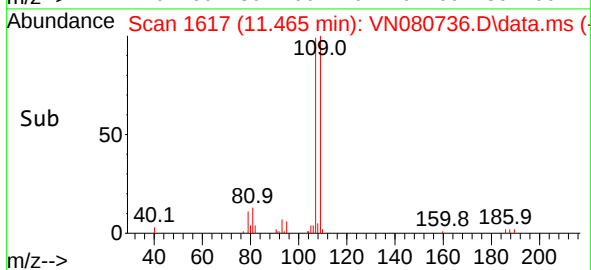
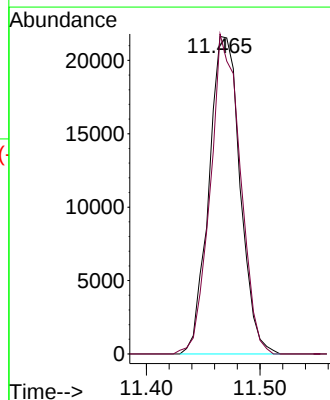
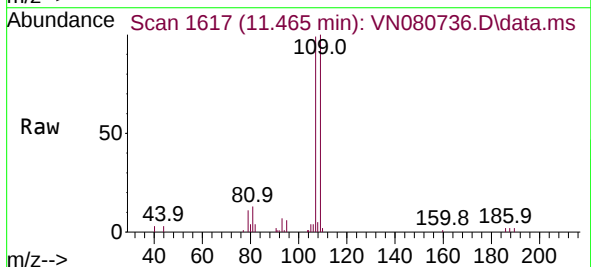
Instrument :
MSVOA_N
ClientSampleId :

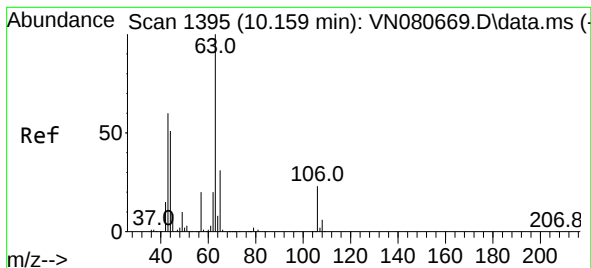
Tgt Ion:129 Resp: 43947
Ion Ratio Lower Upper
129 100
127 74.0 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.990 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion:107 Resp: 41259
Ion Ratio Lower Upper
107 100
109 96.7 74.7 112.1

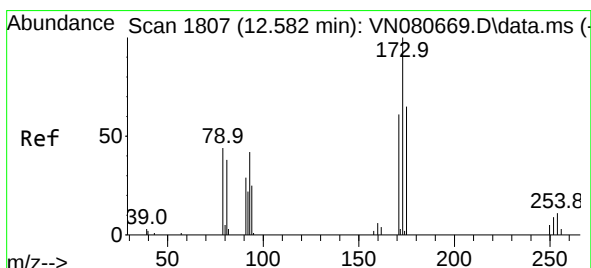
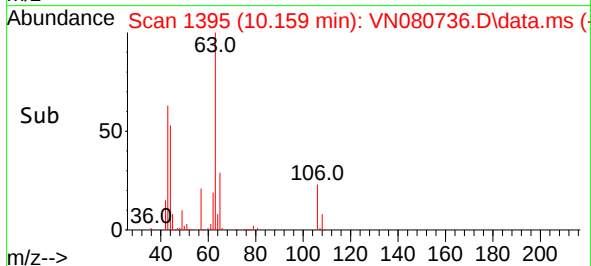
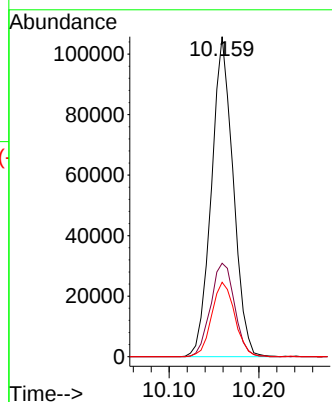
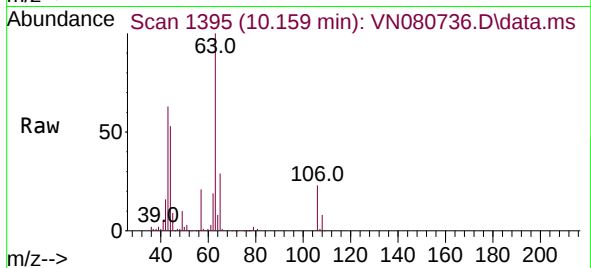




#55
2-Chloroethyl vinyl ether
Concen: 100.258 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

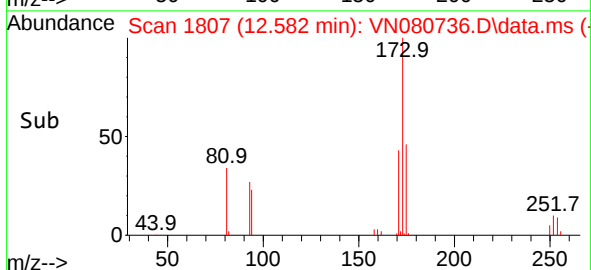
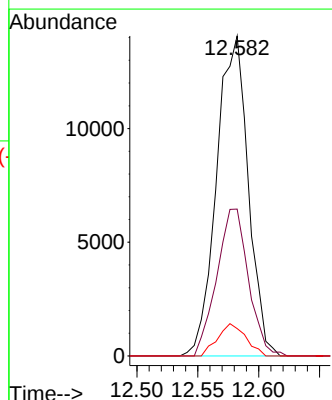
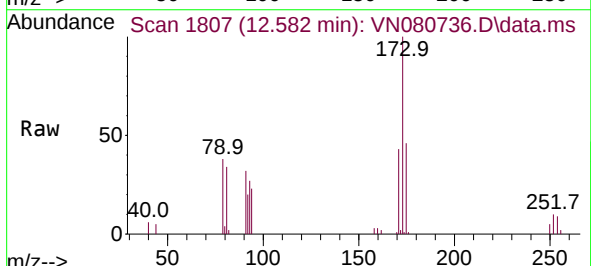
Instrument :
MSVOA_N
ClientSampleId :

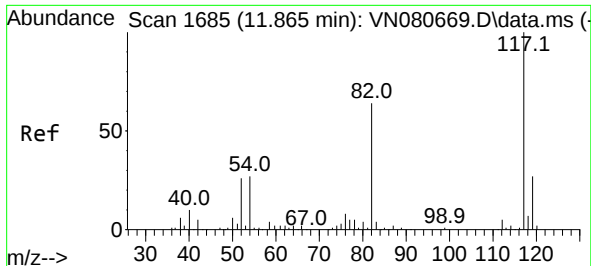
Tgt Ion: 63 Resp: 178135
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 24.7 23.8 35.8



#56
Bromoform
Concen: 21.513 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion:173 Resp: 25430
Ion Ratio Lower Upper
173 100
175 45.9 40.0 60.0
254 9.0 8.3 12.5

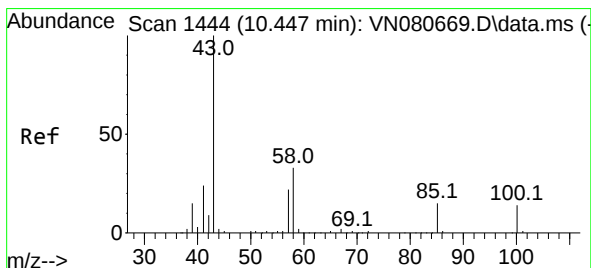
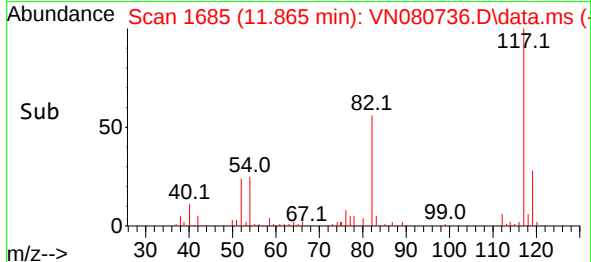
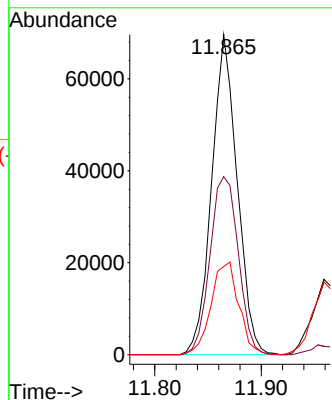
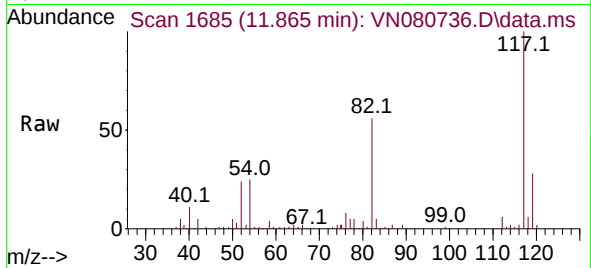




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

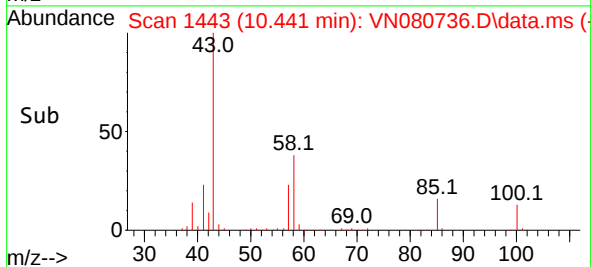
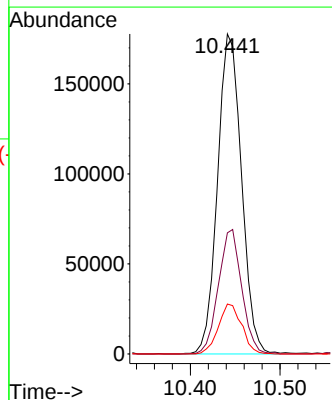
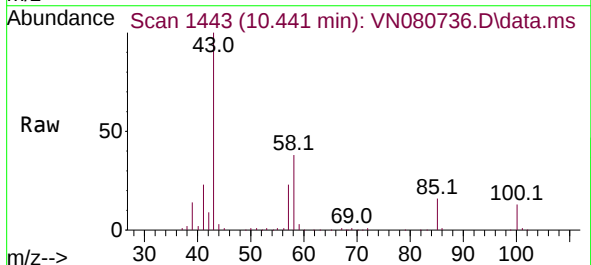
Instrument :
MSVOA_N
ClientSampleId :

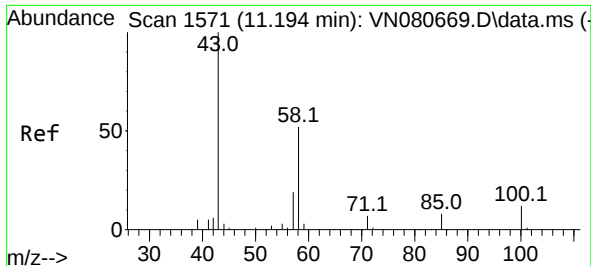
Tgt Ion:117 Resp: 115778
Ion Ratio Lower Upper
117 100
82 61.9 46.6 69.8
119 31.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 108.199 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 43 Resp: 329535
Ion Ratio Lower Upper
43 100
58 37.7 36.5 54.7
85 15.2 19.5 29.3#

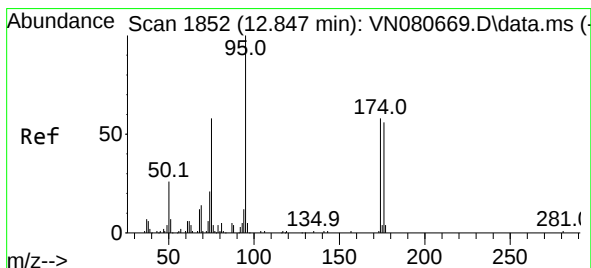
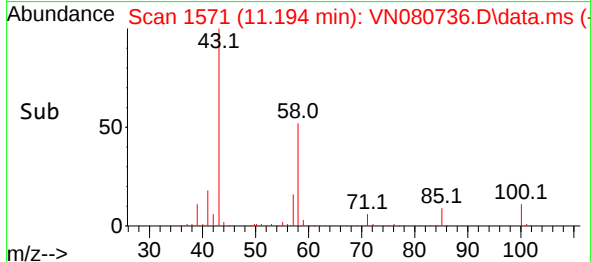
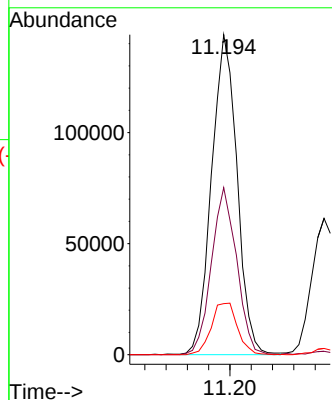
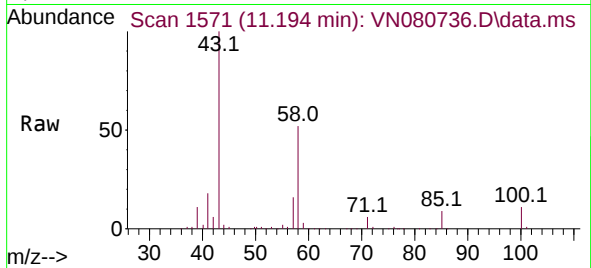




#59
2-Hexanone
Concen: 105.364 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

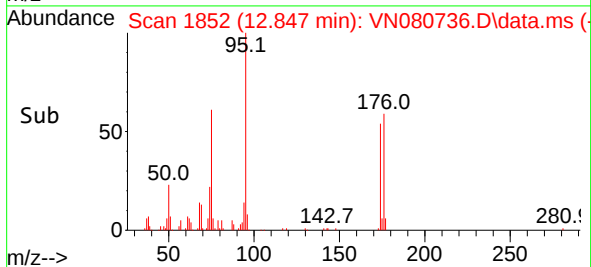
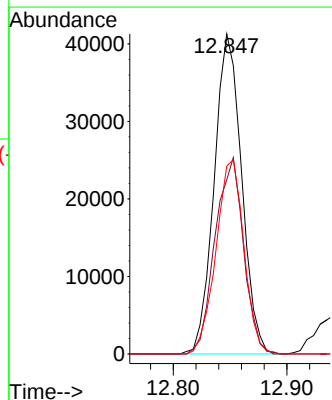
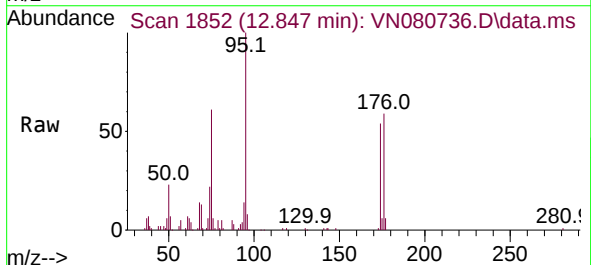
Instrument :
MSVOA_N
ClientSampleId :

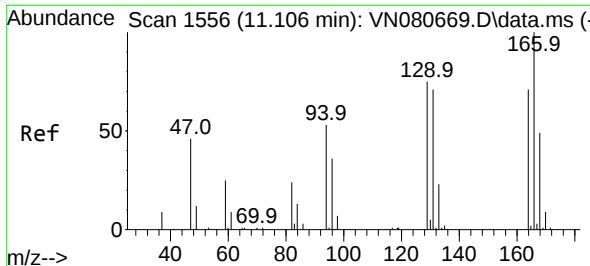
Tgt Ion: 43 Resp: 239596
Ion Ratio Lower Upper
43 100
58 51.5 50.4 75.6
57 16.6 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 27.057 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

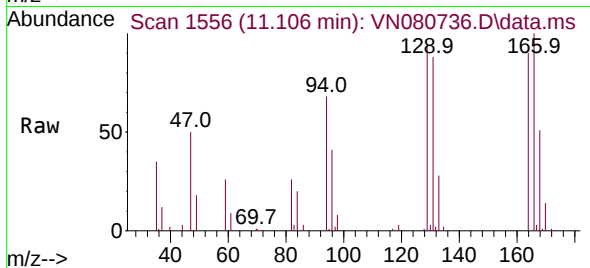
Tgt Ion: 95 Resp: 69297
Ion Ratio Lower Upper
95 100
174 63.5 60.5 90.7
176 61.8 57.8 86.6



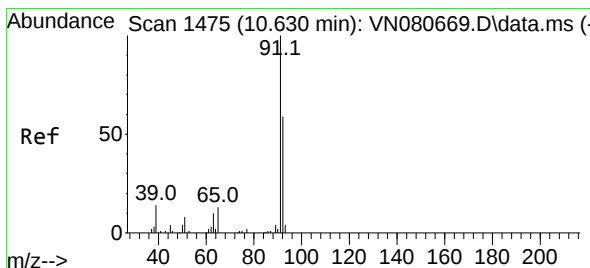
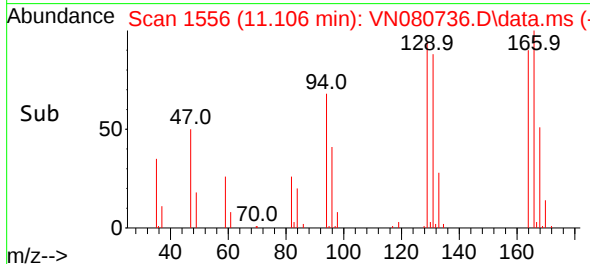
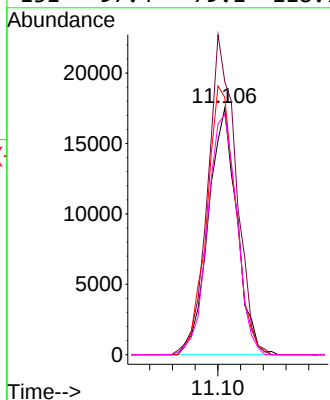


#61
Tetrachloroethene
Concen: 19.878 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

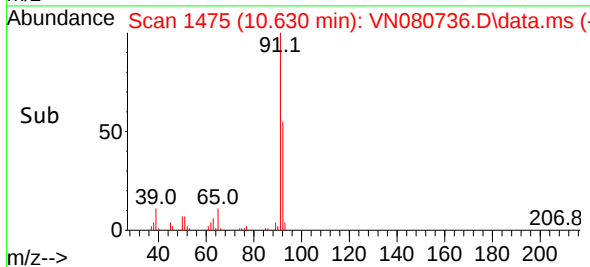
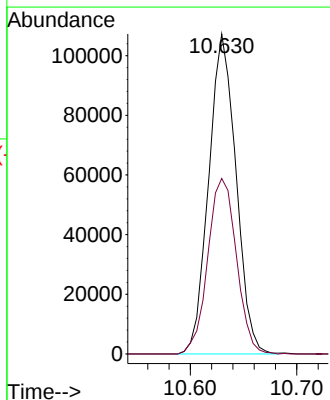
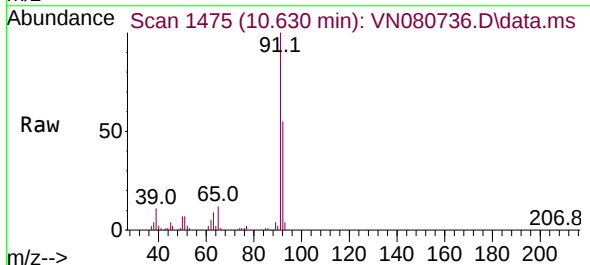


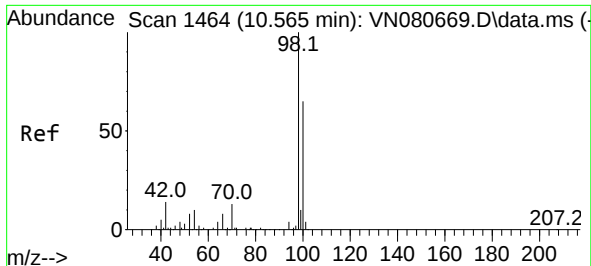
Tgt Ion:164 Resp: 30636
Ion Ratio Lower Upper
164 100
166 110.8 106.7 160.1
129 104.5 85.8 128.6
131 97.4 79.1 118.7



#62
Toluene
Concen: 20.506 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 91 Resp: 190951
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7

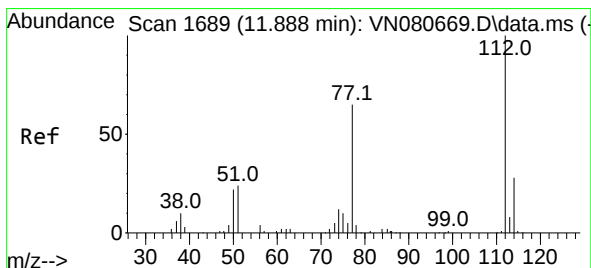
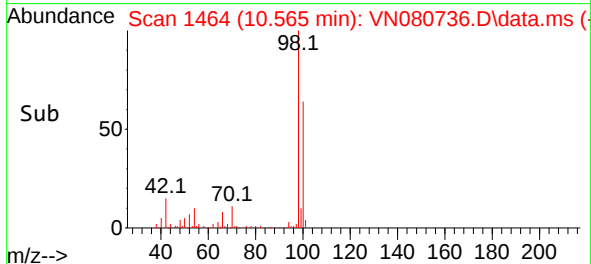
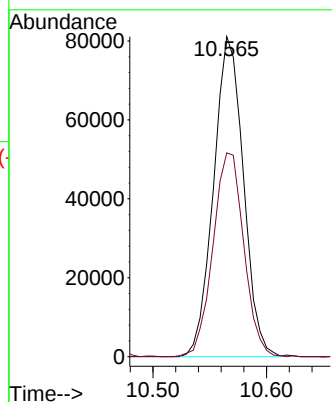
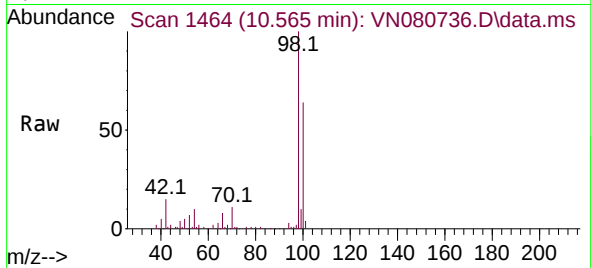




#63
Toluene-d8
Concen: 29.115 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

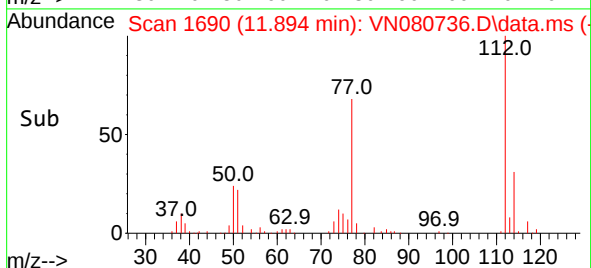
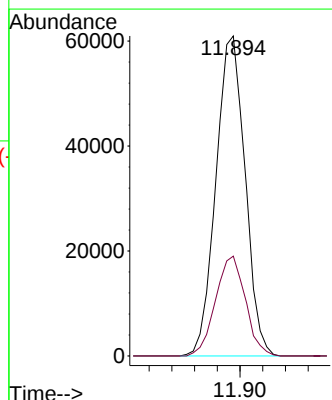
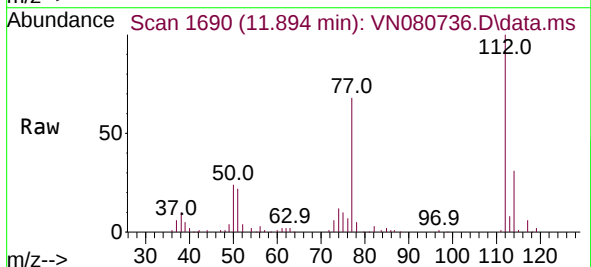
Instrument :
MSVOA_N
ClientSampleId :

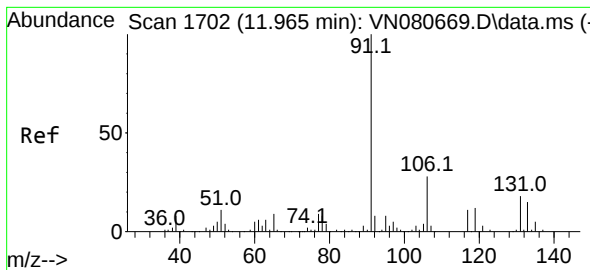
Tgt Ion: 98 Resp: 147940
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#64
Chlorobenzene
Concen: 20.946 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion:112 Resp: 108639
Ion Ratio Lower Upper
112 100
114 31.2 26.6 39.8

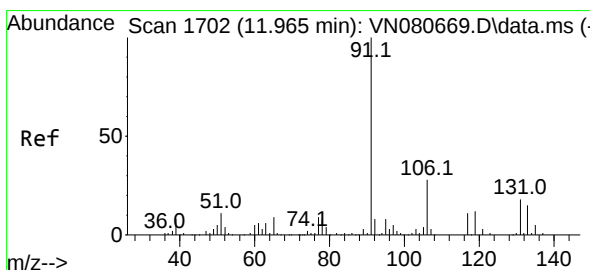
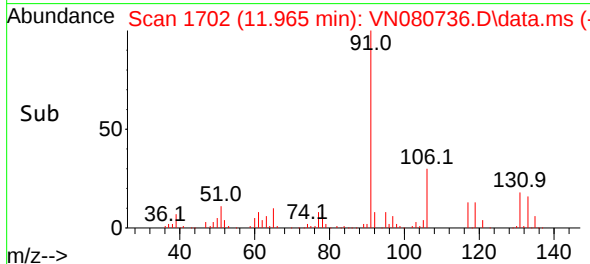
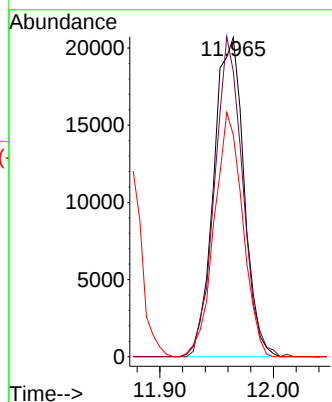
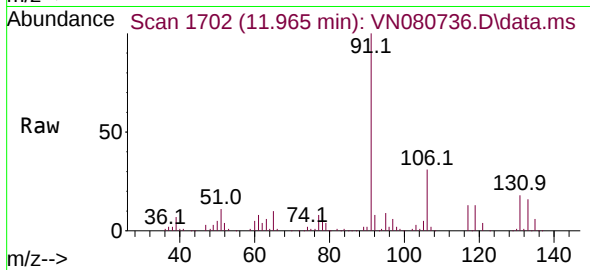




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.478 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

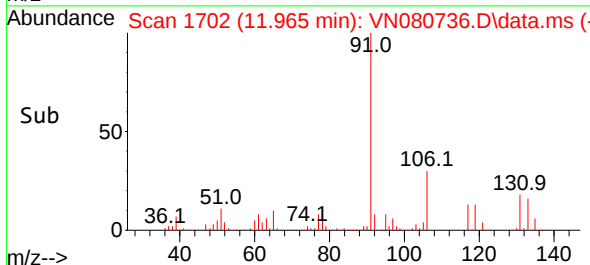
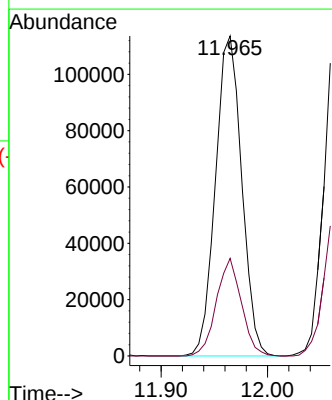
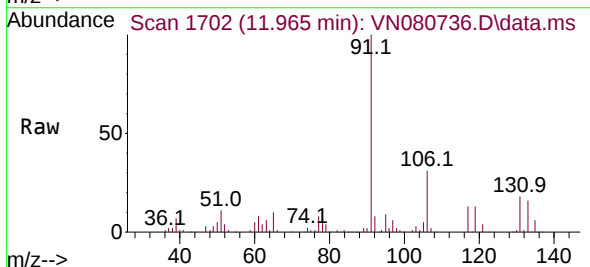
Instrument :
 MSVOA_N
 ClientSampleId :

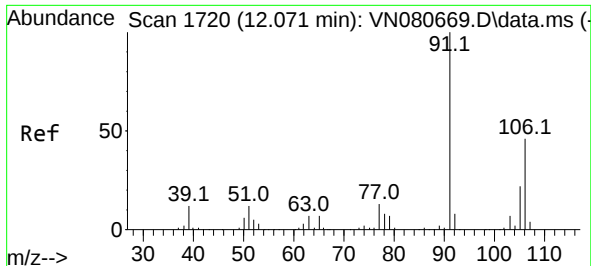
Tgt Ion:131 Resp: 38161
 Ion Ratio Lower Upper
 131 100
 133 92.7 0.0 188.0
 119 72.2 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.835 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

Tgt Ion: 91 Resp: 194273
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.4 36.6





#67

m/p-Xylenes

Concen: 39.651 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

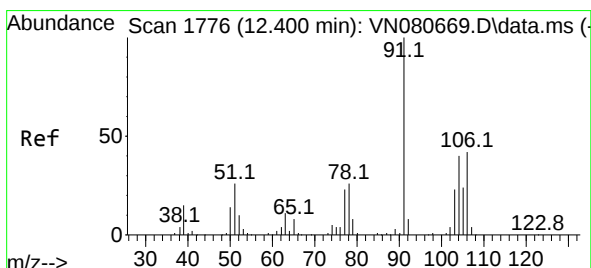
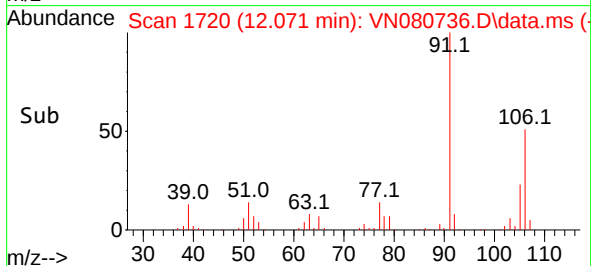
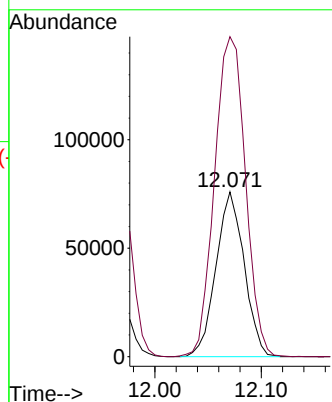
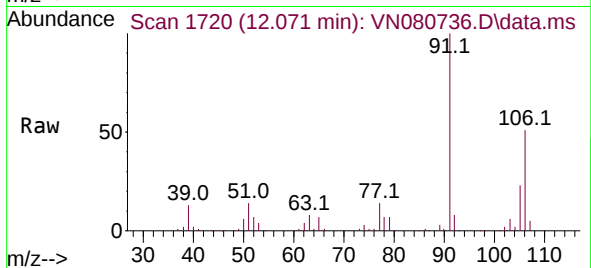
ClientSampleId :

Tgt Ion:106 Resp: 139581

Ion Ratio Lower Upper

106 100

91 213.1 166.6 249.8



#68

o-Xylene

Concen: 20.116 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN080736.D

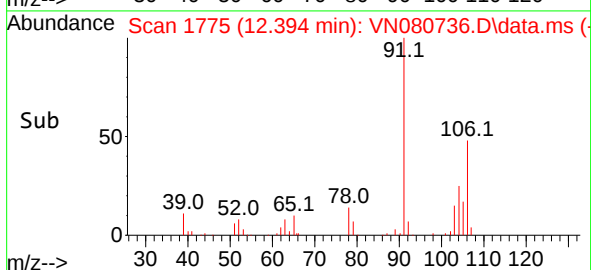
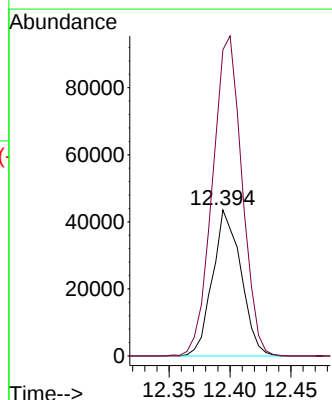
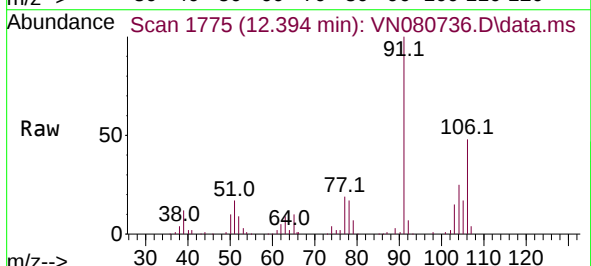
Acq: 22 Jan 2024 13:39

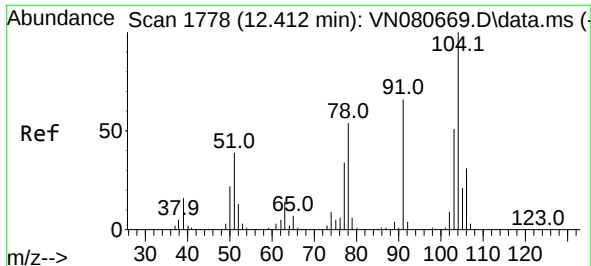
Tgt Ion:106 Resp: 70624

Ion Ratio Lower Upper

106 100

91 228.0 110.0 330.0

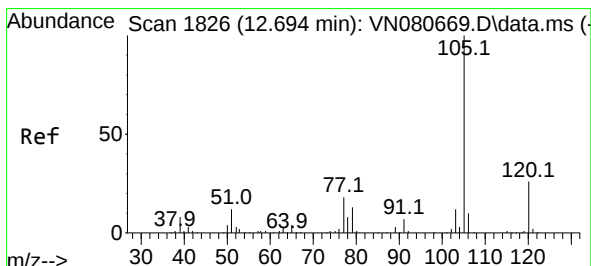
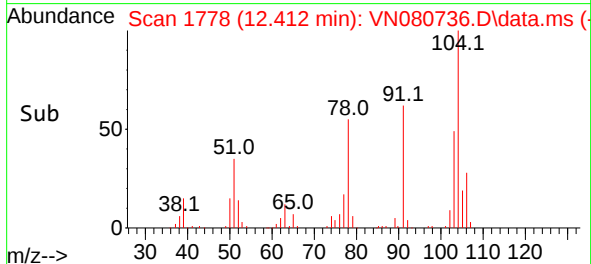
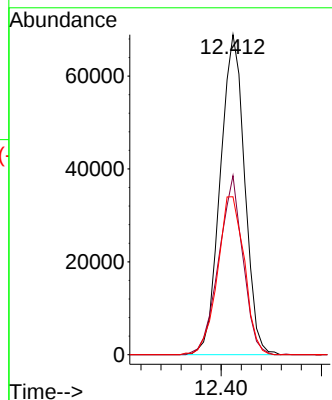
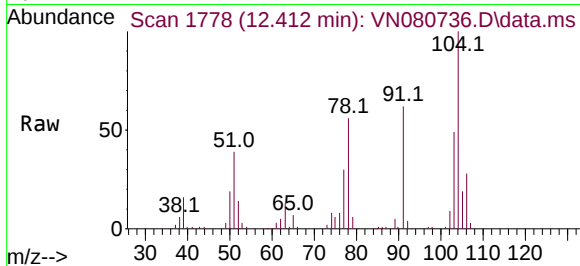




#69
Styrene
Concen: 19.734 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

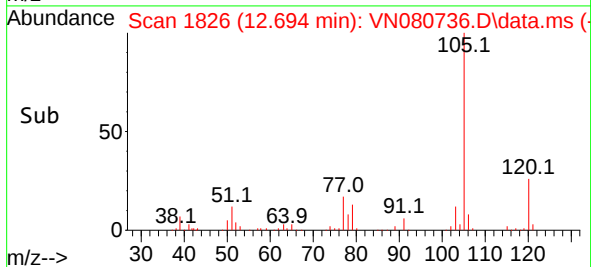
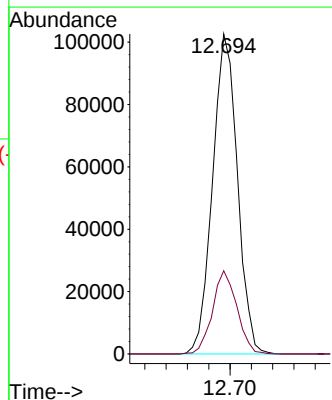
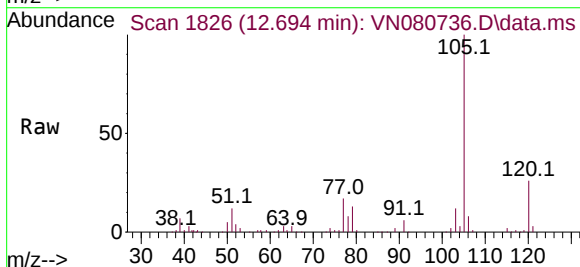
Instrument :
MSVOA_N
ClientSampleId :

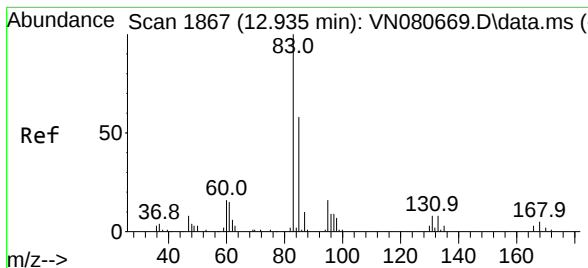
Tgt Ion:104 Resp: 116394
Ion Ratio Lower Upper
104 100
78 55.4 42.6 64.0
103 54.2 43.7 65.5



#70
Isopropylbenzene
Concen: 19.333 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion:105 Resp: 165887
Ion Ratio Lower Upper
105 100
120 25.5 17.8 33.1

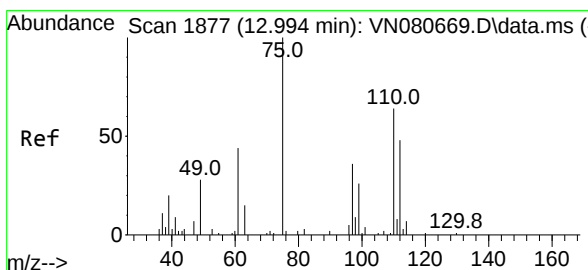
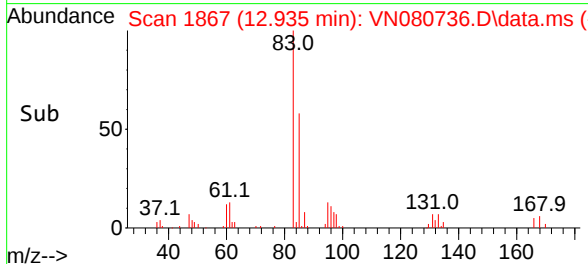
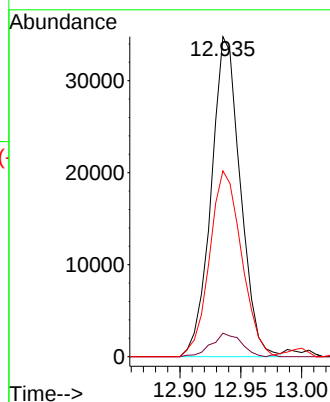
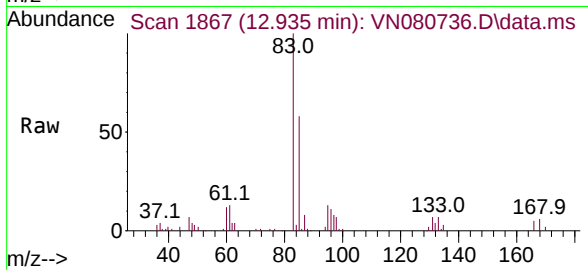




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.668 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

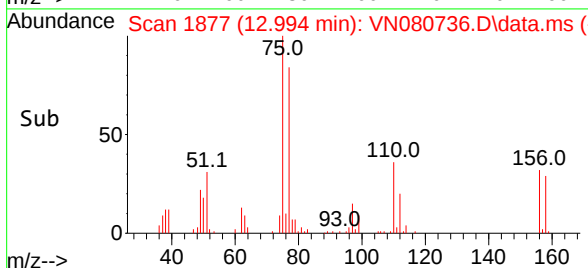
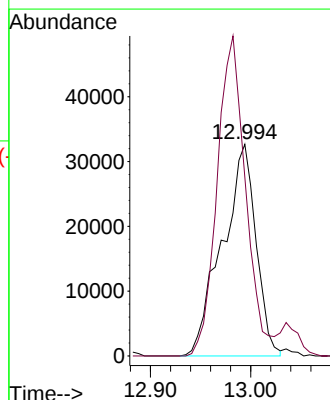
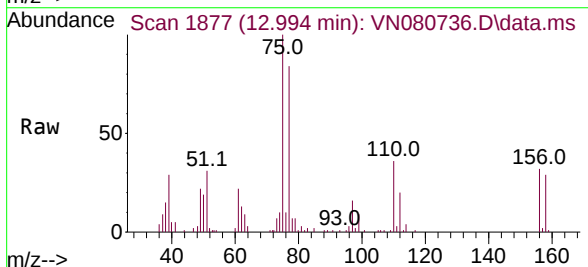
Instrument :
 MSVOA_N
 ClientSampleId :

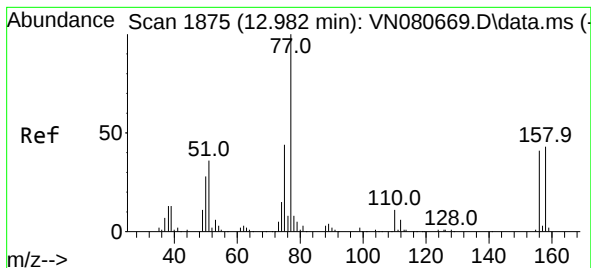
Tgt Ion: 83 Resp: 57885
 Ion Ratio Lower Upper
 83 100
 131 7.5 5.2 15.6
 85 63.7 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 28.786 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

Tgt Ion: 75 Resp: 76409
 Ion Ratio Lower Upper
 75 100
 77 127.7 0.0 367.6





#73

Bromobenzene

Concen: 19.203 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

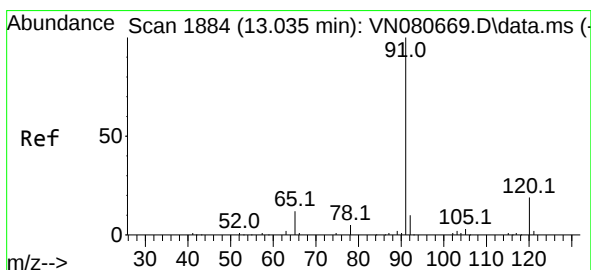
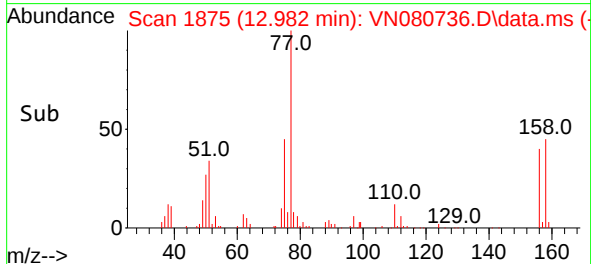
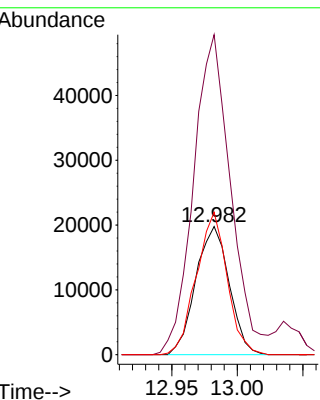
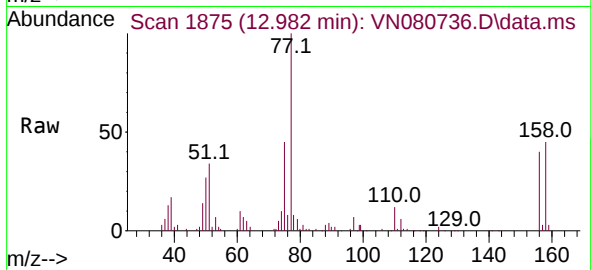
Tgt Ion:156 Resp: 35121

Ion Ratio Lower Upper

156 100

77 277.9 0.0 437.6

158 102.5 0.0 203.8



#74

n-propylbenzene

Concen: 19.563 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080736.D

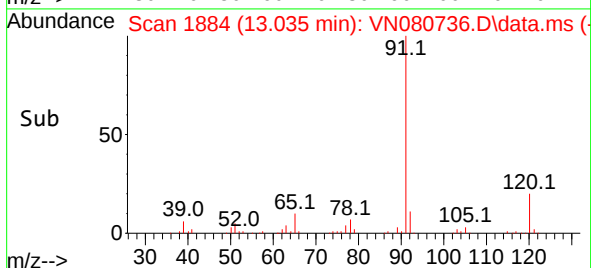
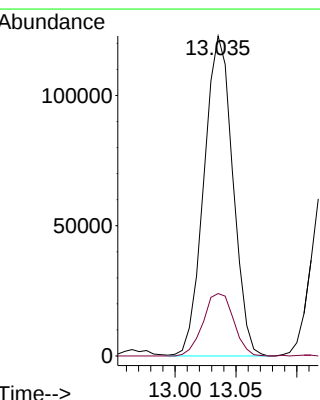
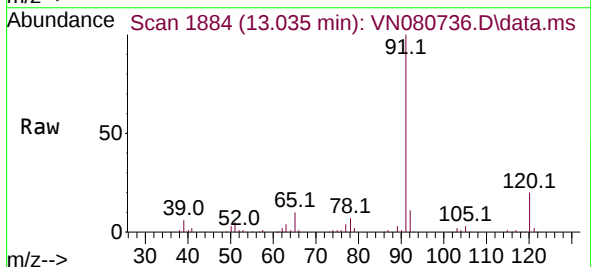
Acq: 22 Jan 2024 13:39

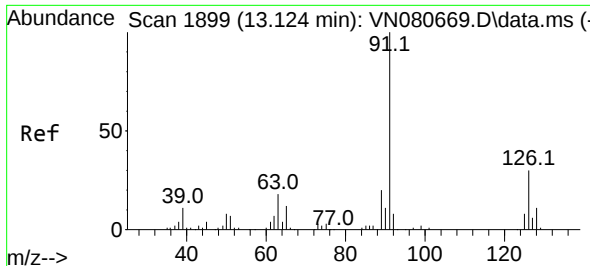
Tgt Ion: 91 Resp: 202439

Ion Ratio Lower Upper

91 100

120 20.6 0.0 43.8

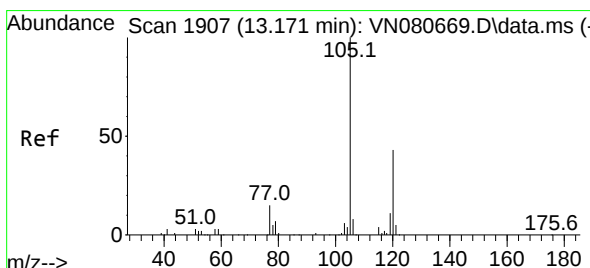
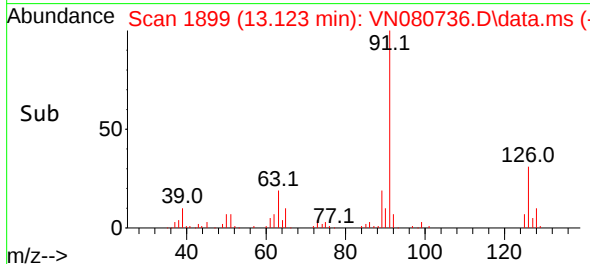
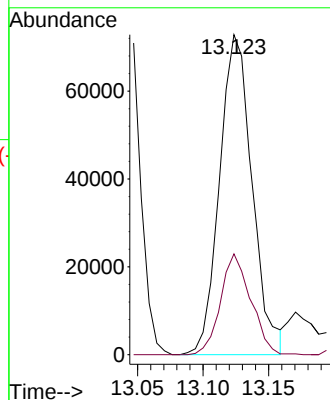
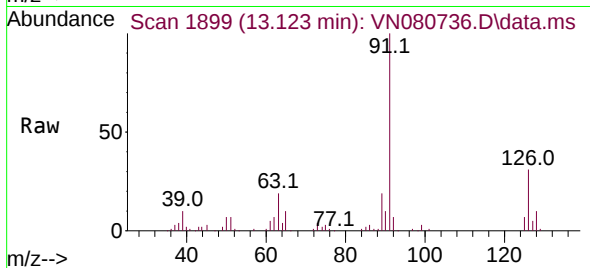




#75
2-Chlorotoluene
Concen: 19.346 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

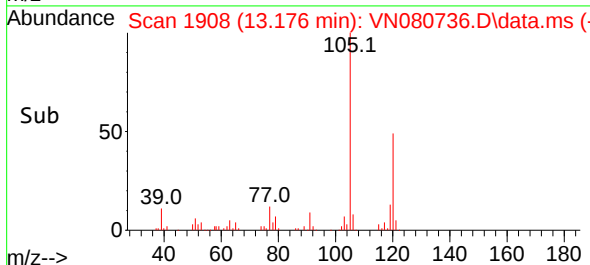
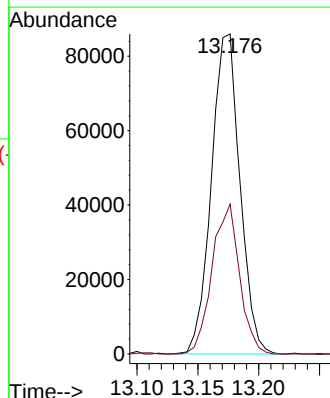
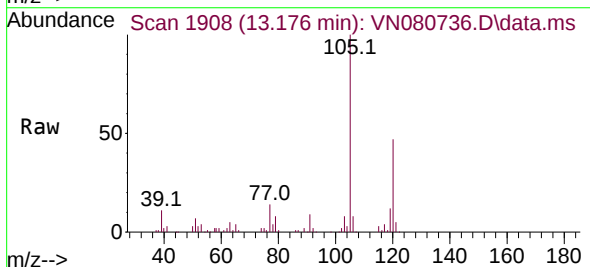
Instrument :
MSVOA_N
ClientSampleId :

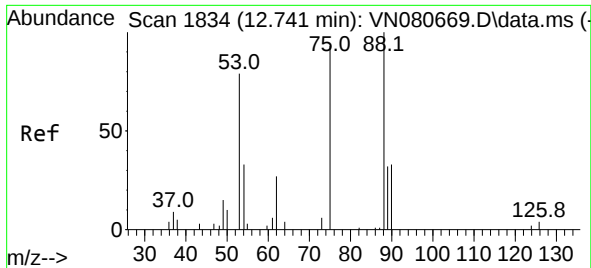
Tgt Ion: 91 Resp: 125898
Ion Ratio Lower Upper
91 100
126 29.2 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.608 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion:105 Resp: 140029
Ion Ratio Lower Upper
105 100
120 45.0 0.0 95.8

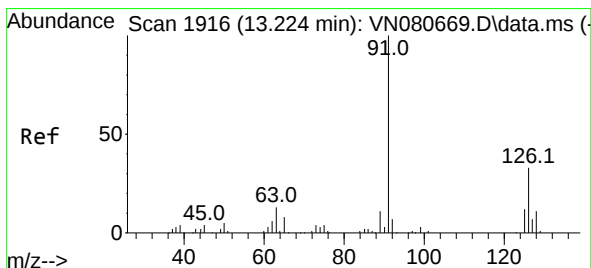
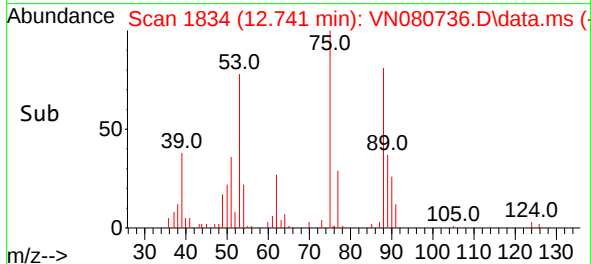
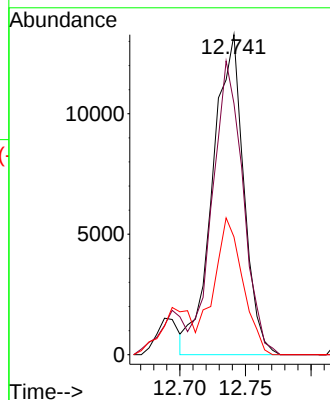
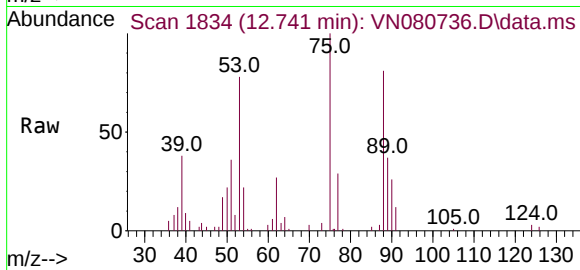




#77
t-1,4-Dichloro-2-butene
Concen: 20.081 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

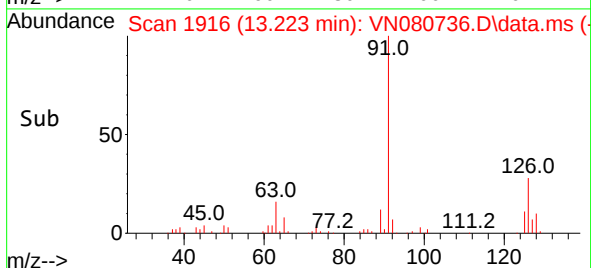
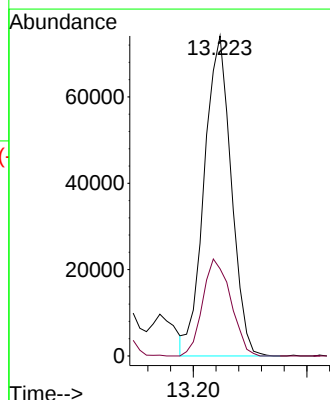
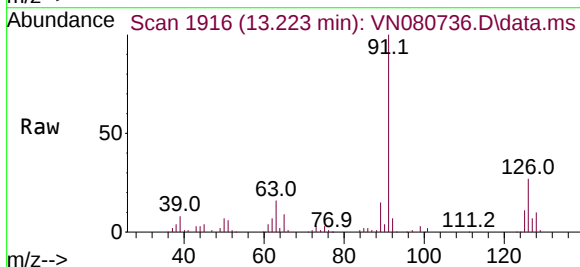
Instrument :
MSVOA_N
ClientSampleId :

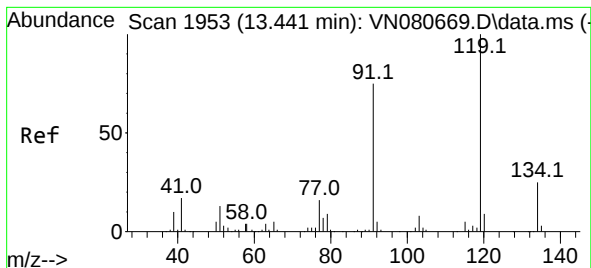
Tgt Ion: 75 Resp: 21852
Ion Ratio Lower Upper
75 100
53 78.5 45.9 137.7
89 36.8 25.9 77.7



#78
4-Chlorotoluene
Concen: 18.779 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 91 Resp: 122154
Ion Ratio Lower Upper
91 100
126 31.7 0.0 62.8





#79

tert-butylbenzene

Concen: 19.541 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

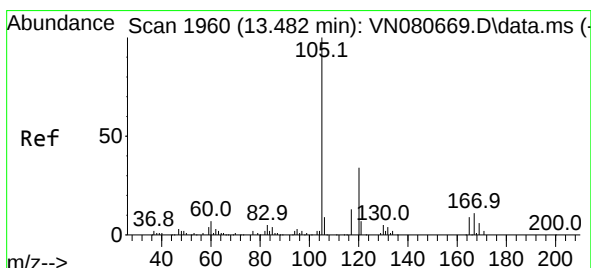
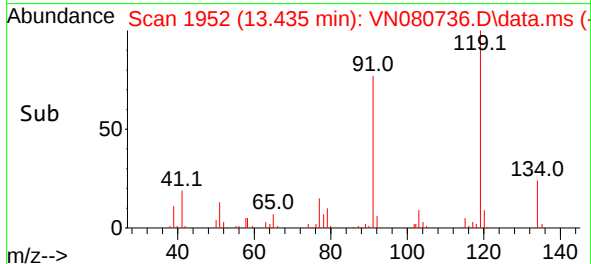
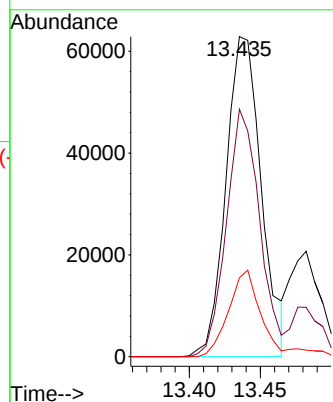
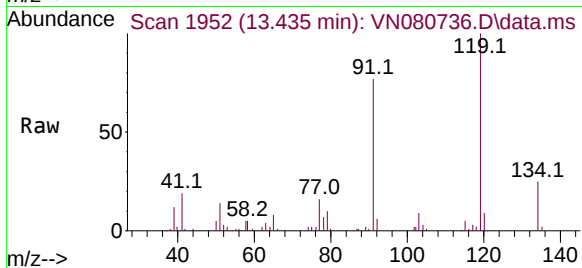
Tgt Ion:119 Resp: 108927

Ion Ratio Lower Upper

119 100

91 72.5 0.0 138.8

134 23.8 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 19.350 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080736.D

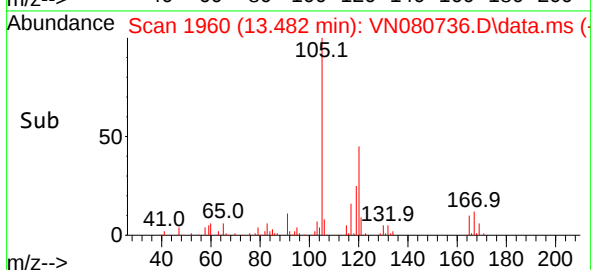
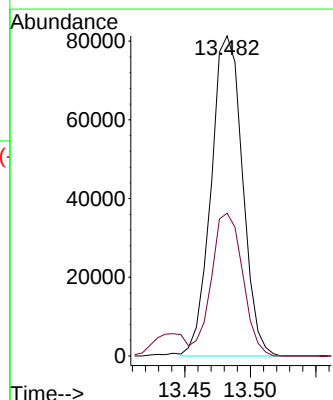
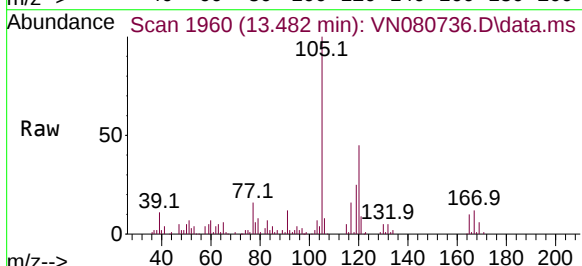
Acq: 22 Jan 2024 13:39

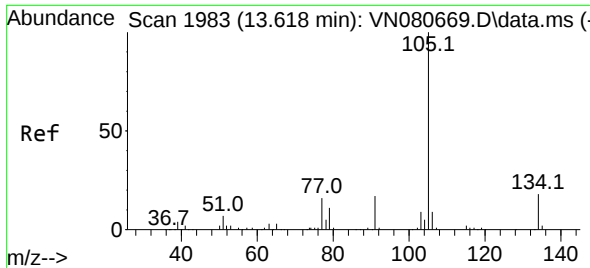
Tgt Ion:105 Resp: 135198

Ion Ratio Lower Upper

105 100

120 44.6 0.0 86.8

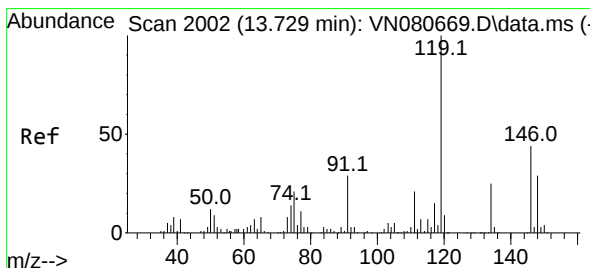
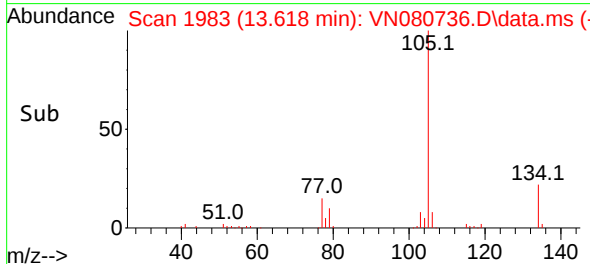
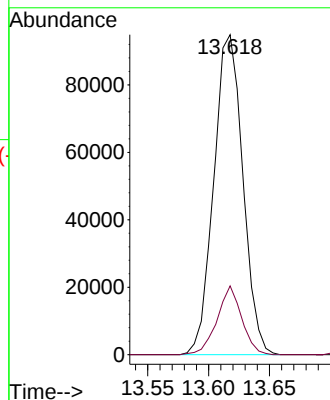
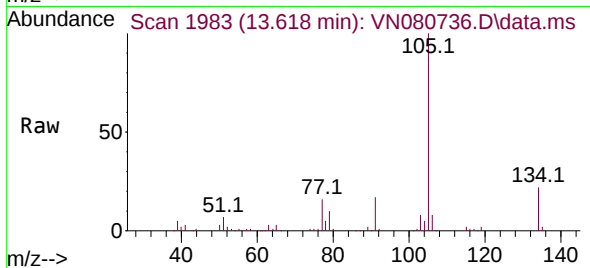




#81
 sec-Butylbenzene
 Concen: 19.180 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

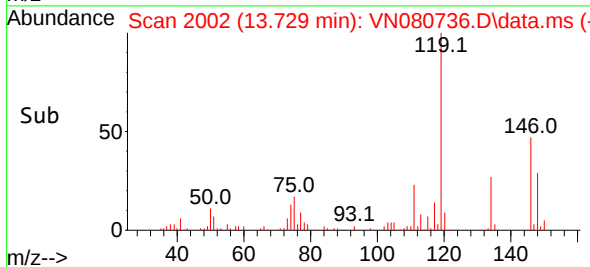
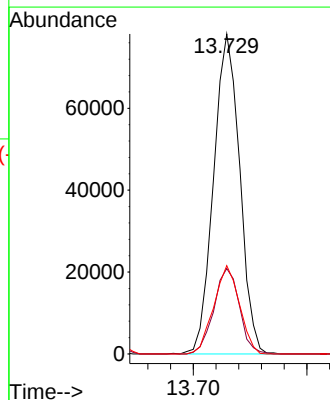
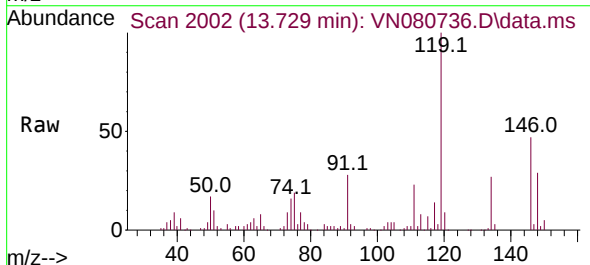
Instrument :
 MSVOA_N
 ClientSampleId :

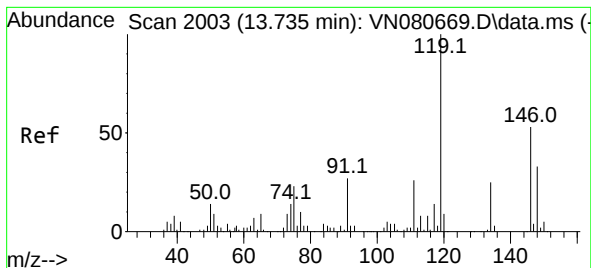
Tgt Ion:105 Resp: 157397
 Ion Ratio Lower Upper
 105 100
 134 18.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.942 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080736.D
 Acq: 22 Jan 2024 13:39

Tgt Ion:119 Resp: 124799
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.2
 91 27.1 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.265 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

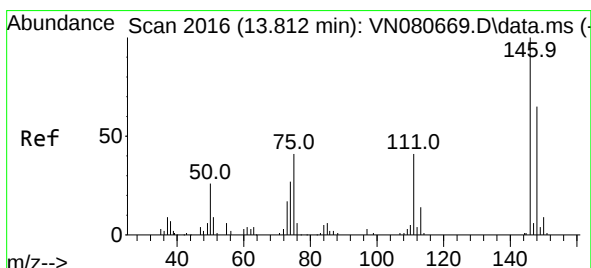
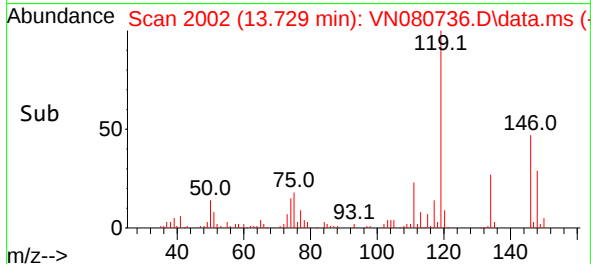
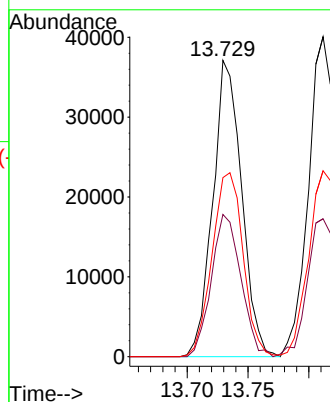
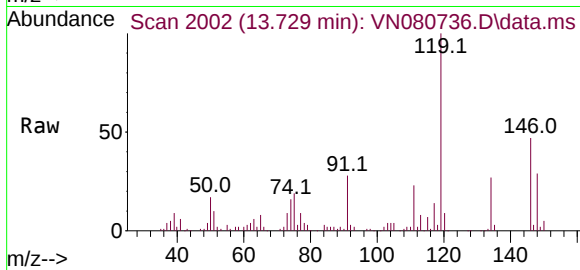
Tgt Ion:146 Resp: 61125

Ion Ratio Lower Upper

146 100

111 49.2 22.4 67.0

148 66.9 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 20.795 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

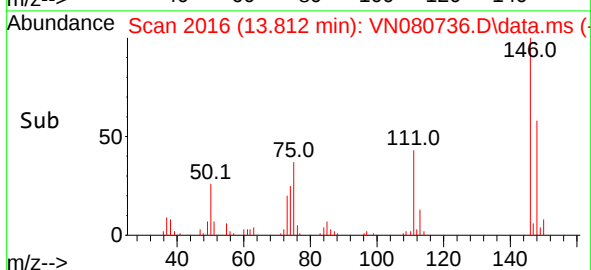
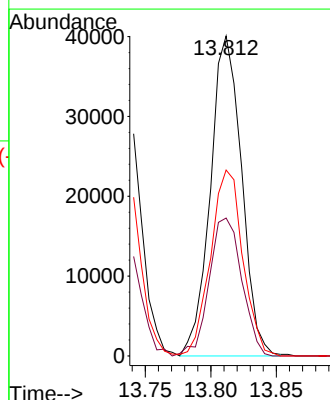
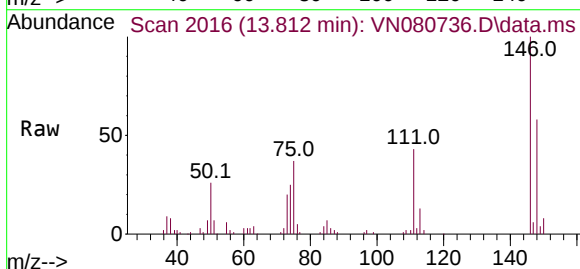
Tgt Ion:146 Resp: 66437

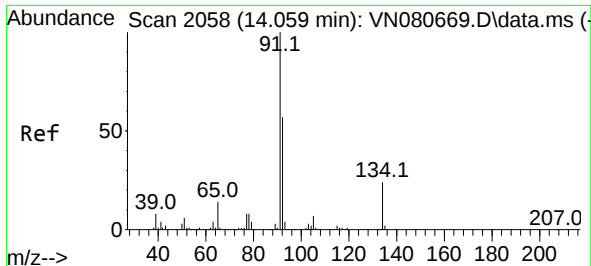
Ion Ratio Lower Upper

146 100

111 45.0 21.3 63.9

148 60.0 31.9 95.5

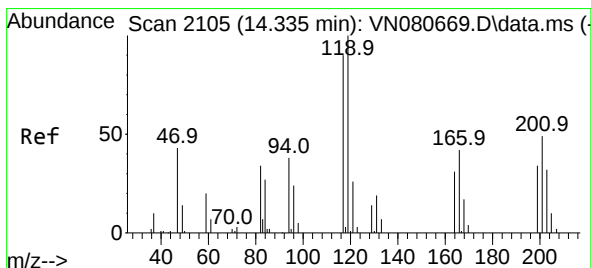
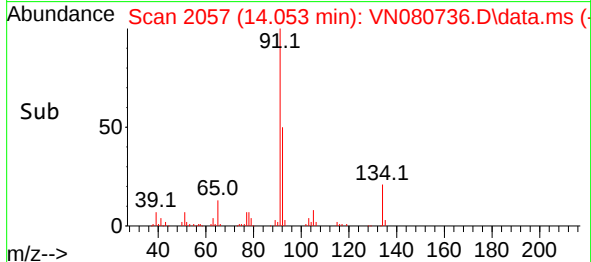
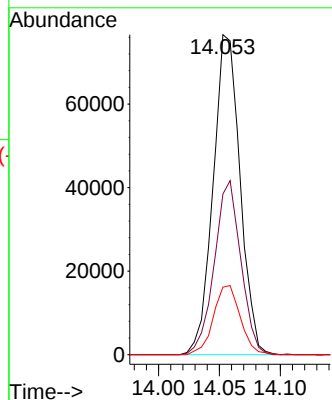
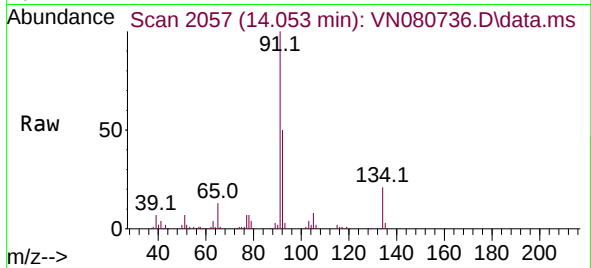




#85
n-Butylbenzene
Concen: 19.078 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

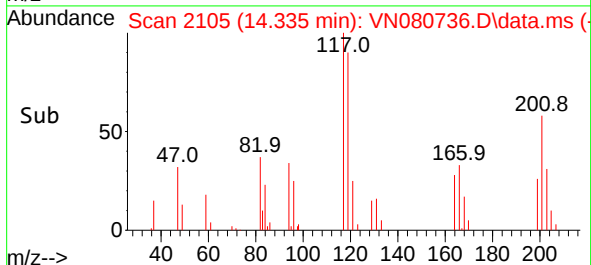
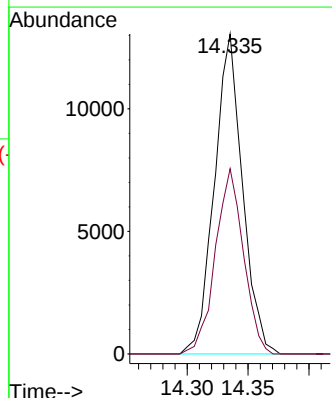
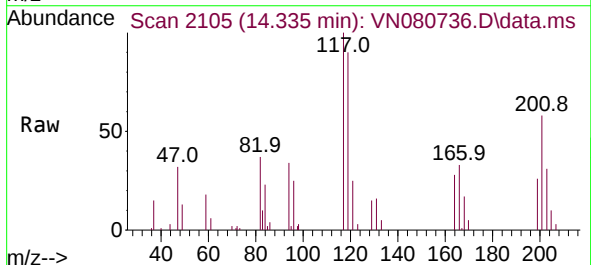
Instrument :
MSVOA_N
ClientSampleId :

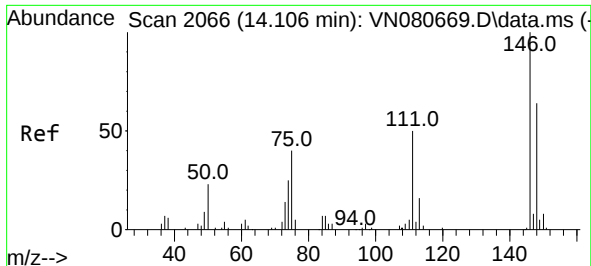
Tgt Ion: 91 Resp: 117964
Ion Ratio Lower Upper
91 100
92 53.5 0.0 105.0
134 21.6 0.0 51.8



#86
Hexachloroethane
Concen: 17.819 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080736.D
Acq: 22 Jan 2024 13:39

Tgt Ion: 117 Resp: 20969
Ion Ratio Lower Upper
117 100
201 57.9 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.526 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

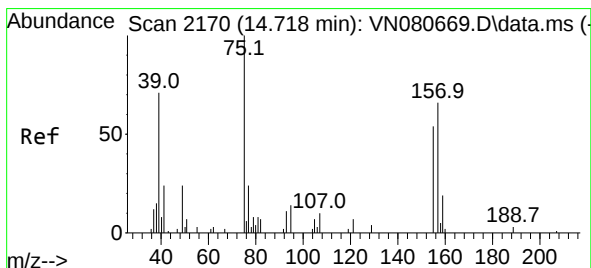
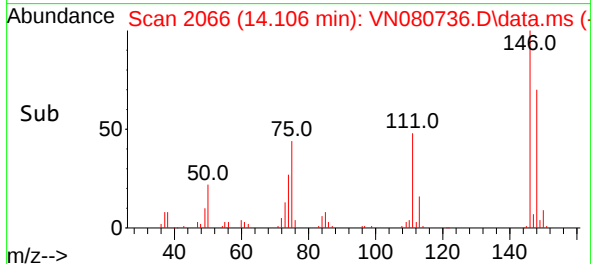
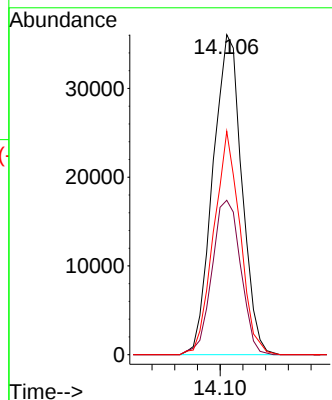
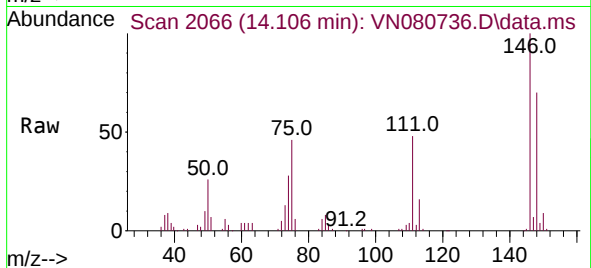
Tgt Ion:146 Resp: 63889

Ion Ratio Lower Upper

146 100

111 47.8 22.6 67.8

148 63.4 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.161 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.001 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

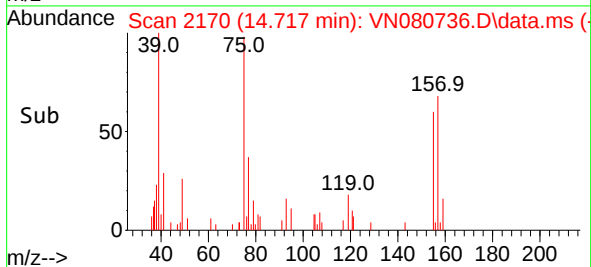
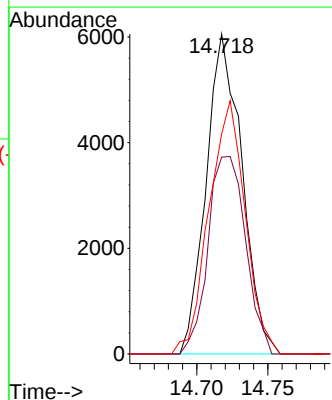
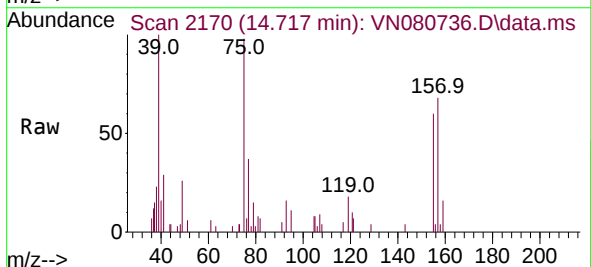
Tgt Ion: 75 Resp: 10590

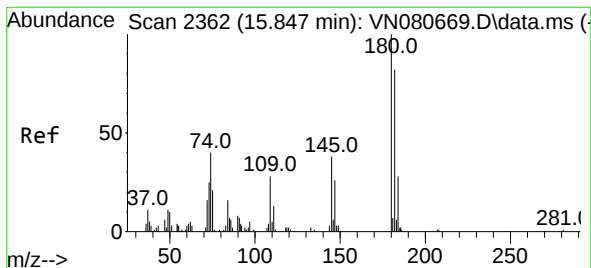
Ion Ratio Lower Upper

75 100

155 64.9 61.7 92.5

157 80.3 83.6 125.4#





#89

1,2,4-Trichlorobenzene

Concen: 19.370 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

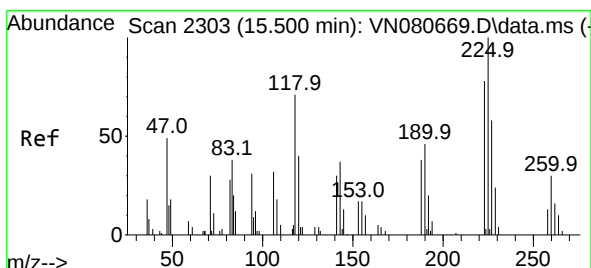
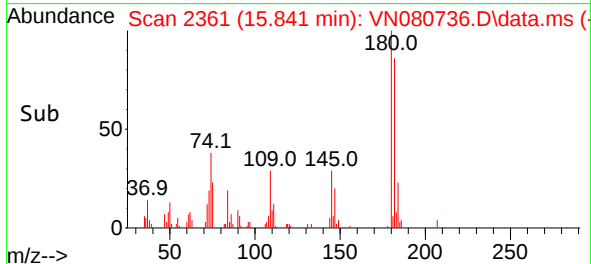
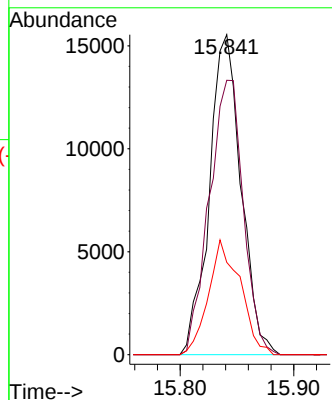
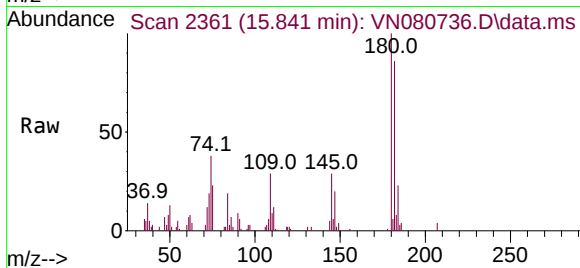
Tgt Ion:180 Resp: 30239

Ion Ratio Lower Upper

180 100

182 91.7 76.4 114.6

145 35.8 28.4 42.6



#90

Hexachlorobutadiene

Concen: 17.598 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

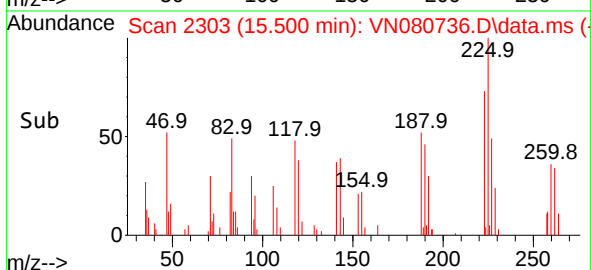
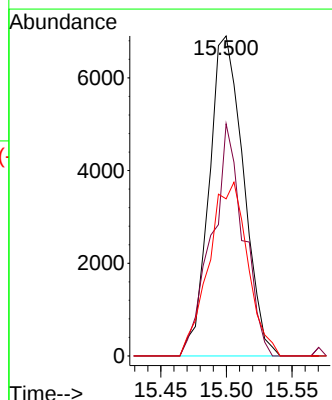
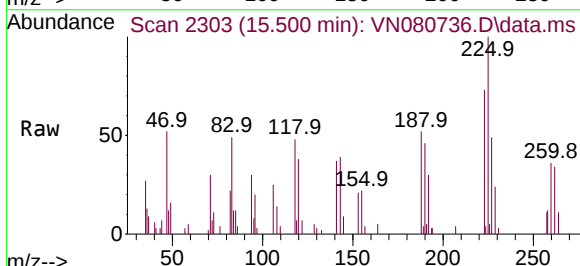
Tgt Ion:225 Resp: 12587

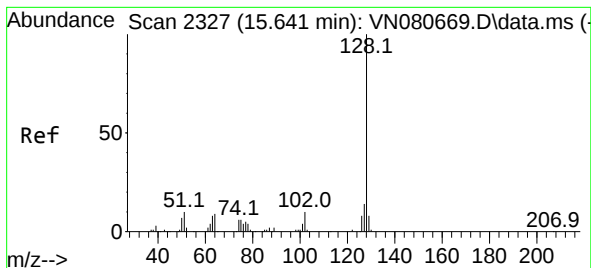
Ion Ratio Lower Upper

225 100

223 67.2 0.0 126.6

227 61.3 0.0 126.6





#91

Naphthalene

Concen: 18.955 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

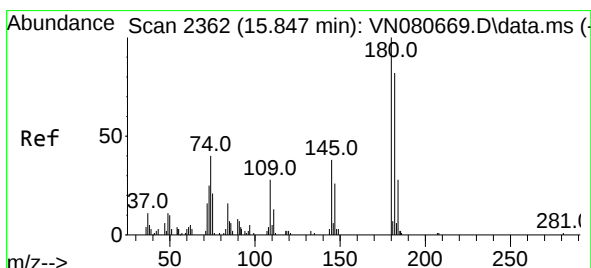
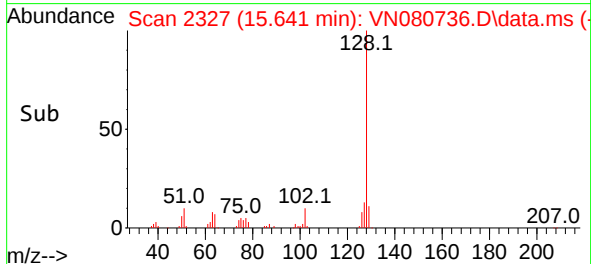
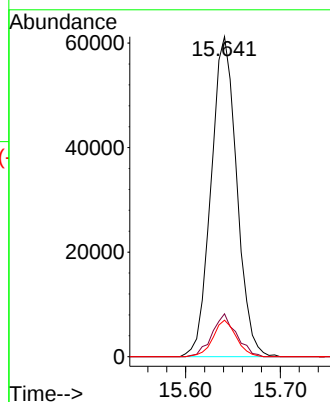
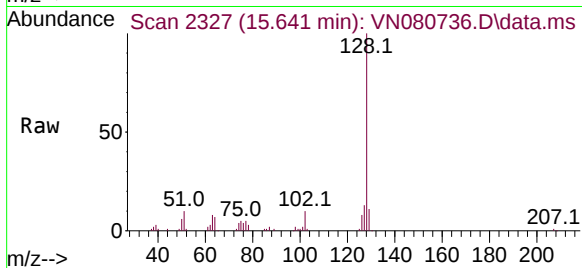
Tgt Ion:128 Resp: 115361

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.3 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 19.370 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN080736.D

Acq: 22 Jan 2024 13:39

Tgt Ion:180 Resp: 30239

Ion Ratio Lower Upper

180 100

182 91.7 0.0 191.0

145 35.8 0.0 71.0

