

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080742.D
 Acq On : 22 Jan 2024 17:46
 Operator : JC\MD
 Sample : VN0122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:54:19 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	12500	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	109293	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	119316	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	56564	28.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.400%
60) 4-Bromofluorobenzene	12.847	95	73555	27.868	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.900%
63) Toluene-d8	10.565	98	159594	30.478	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39027	18.370	ug/l	97
3) Chloromethane	2.359	50	57684	19.933	ug/l	97
4) Vinyl Chloride	2.512	62	44479	20.205	ug/l	95
5) Bromomethane	2.965	94	16786	20.766	ug/l	99
6) Chloroethane	3.124	64	24539	20.618	ug/l	99
7) Trichlorofluoromethane	3.500	101	58853	17.895	ug/l	92
8) Diethyl Ether	3.953	74	27757	18.136	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	37655	19.869	ug/l	88
10) 1,1-Dichloroethene	4.342	96	36955	18.153	ug/l	# 82
11) Methyl Iodide	4.583	142	16359	9.422	ug/l	72
12) Methyl Acetate	5.024	43	46061	19.124	ug/l	# 66
13) Acrolein	4.177	56	16852	52.637	ug/l	# 82
14) Acrylonitrile	5.718	53	105329	97.048	ug/l	98
15) Acetone	4.424	58	22557	91.621	ug/l	94
16) Carbon Disulfide	4.706	76	114408	18.141	ug/l	98
17) Allyl chloride	5.030	41	72412	17.572	ug/l	83
18) Methylene Chloride	5.271	84	43192	18.258	ug/l	# 79
19) trans-1,2-Dichloroethene	5.777	96	39733	18.564	ug/l	95
20) Diisopropyl ether	6.665	45	165838	19.831	ug/l	95
21) 1,1-Dichloroethane	6.565	63	84843	18.682	ug/l	95
22) cis-1,2-Dichloroethene	7.482	96	48140	19.226	ug/l	91
23) tert-Butyl Alcohol	5.506	59	33676	89.967	ug/l	# 100
24) Methyl tert-Butyl Ether	5.794	73	132345	17.980	ug/l	# 89
25) Chloroform	7.965	83	75895	17.950	ug/l	90
26) Cyclohexane	8.253	56	75517	21.146	ug/l	# 83
29) 1,1-Dichloropropene	8.371	75	59840	18.012	ug/l	97
30) 2-Butanone	7.477	43	138392	94.136	ug/l	91
31) 2,2-Dichloropropane	7.482	77	65562	16.427	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	65198	17.835	ug/l	94
33) Carbon Tetrachloride	8.359	117	51362	17.790	ug/l	92
34) Benzene	8.606	78	185696	18.844	ug/l	95
35) Methacrylonitrile	7.771	41	35589	19.292	ug/l	84
36) 1,2-Dichloroethane	8.671	62	60089	16.583	ug/l	98
37) Trichloroethene	9.347	130	38074	17.716	ug/l	92
38) Methylcyclohexane	9.594	83	61629	19.041	ug/l	92
39) 1,2-Dichloropropane	9.618	63	50959	19.186	ug/l	98
40) Dibromomethane	9.712	93	30203	19.112	ug/l	83
41) Bromodichloromethane	9.882	83	61115	17.672	ug/l	# 98
42) Vinyl Acetate	6.600	43	637670	93.324	ug/l	# 93

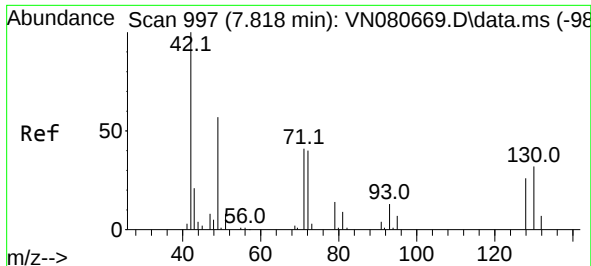
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080742.D
 Acq On : 22 Jan 2024 17:46
 Operator : JC\MD
 Sample : VN0122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:54:19 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)
43) Ethyl Acetate	7.559	43	59427	19.251	ug/l	98
44) Isopropyl Acetate	8.688	43	107893	18.309	ug/l	91
45) 1,4-Dioxane	9.700	88	12706	379.115	ug/l #	85
46) Methyl methacrylate	9.676	41	48565	17.502	ug/l	76
48) t-1,3-Dichloropropene	10.835	75	69580	17.075	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	77732	17.972	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	39673	18.280	ug/l #	91
51) Ethyl methacrylate	10.876	69	68112	18.154	ug/l	78
52) 1,3-Dichloropropane	11.165	76	76164	18.641	ug/l	99
53) Dibromochloromethane	11.359	129	39428	18.154	ug/l	99
54) 1,2-Dibromoethane	11.470	107	38774	18.175	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	169089	87.684	ug/l #	93
56) Bromoform	12.576	173	22140	17.257	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	304005	96.856	ug/l #	85
59) 2-Hexanone	10.871	43	3735	1.594	ug/l	94
61) Tetrachloroethene	11.100	164	31490	19.826	ug/l	87
62) Toluene	10.629	91	186984	19.484	ug/l	98
64) Chlorobenzene	11.894	112	104860	19.618	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.959	131	35604	18.539	ug/l	93
66) Ethyl Benzene	11.965	91	192680	19.089	ug/l	98
67) m/p-Xylenes	12.070	106	141881	39.109	ug/l	96
68) o-Xylene	12.400	106	69225	19.133	ug/l	98
69) Styrene	12.412	104	115146	18.943	ug/l	99
70) Isopropylbenzene	12.694	105	173444	19.615	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	55233	19.136	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	72871	26.639	ug/l	63
73) Bromobenzene	12.982	156	35826	19.008	ug/l	77
74) n-propylbenzene	13.035	91	209085	19.606	ug/l	97
75) 2-Chlorotoluene	13.123	91	124277	18.531	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	138242	18.783	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	20200	18.013	ug/l	94
78) 4-Chlorotoluene	13.223	91	126267	18.835	ug/l	95
79) tert-butylbenzene	13.435	119	113453	19.749	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	139218	19.335	ug/l	99
81) sec-Butylbenzene	13.617	105	166034	19.633	ug/l	96
82) p-Isopropyltoluene	13.729	119	129152	20.026	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	61577	18.832	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	58915	17.894	ug/l	93
85) n-Butylbenzene	14.059	91	121851	19.123	ug/l	96
86) Hexachloroethane	14.335	117	21853	18.019	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	59305	18.489	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9820	16.341	ug/l	85
89) 1,2,4-Trichlorobenzene	15.841	180	29081	18.076	ug/l	96
90) Hexachlorobutadiene	15.500	225	13780	18.694	ug/l	99
91) Naphthalene	15.641	128	112386	17.919	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	29081	18.076	ug/l	96

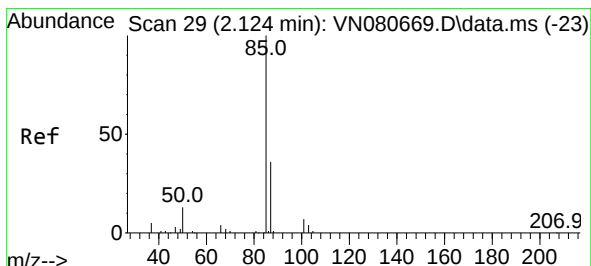
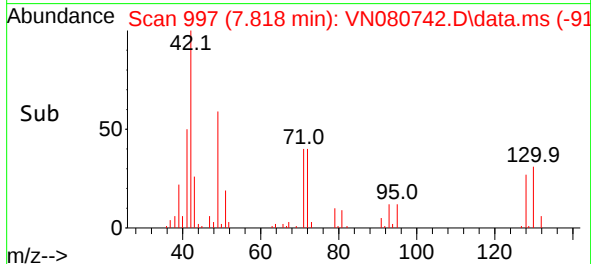
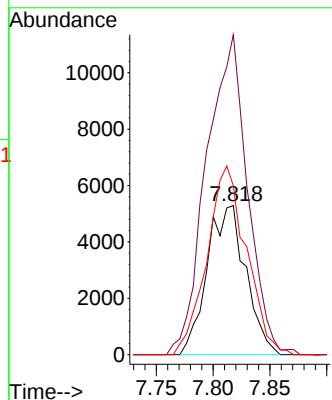
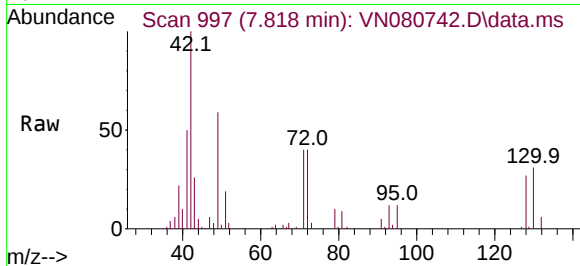
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

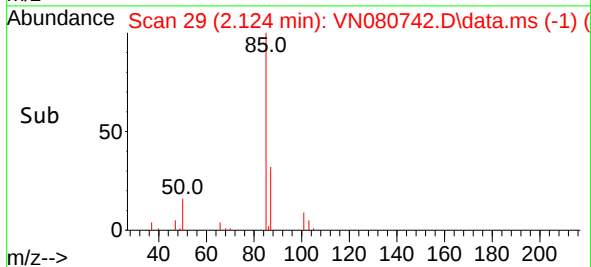
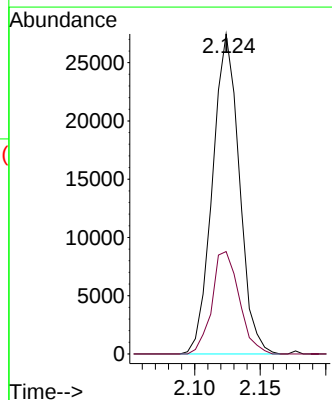
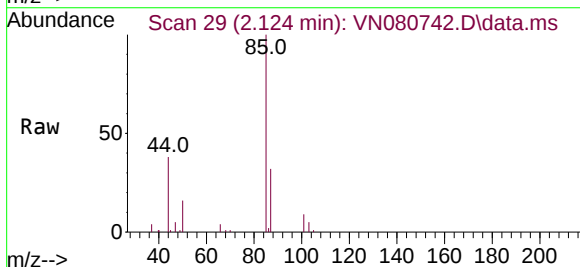
Instrument :
MSVOA_N
ClientSampleId :

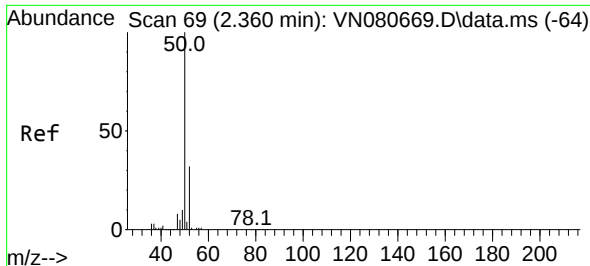
Tgt Ion:128 Resp: 12500
Ion Ratio Lower Upper
128 100
49 226.4 0.0 403.7
130 129.5 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.370 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 85 Resp: 39027
Ion Ratio Lower Upper
85 100
87 32.0 16.8 50.3

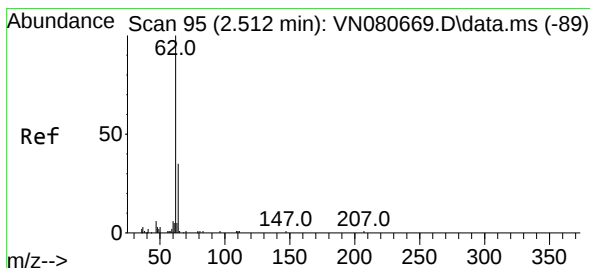
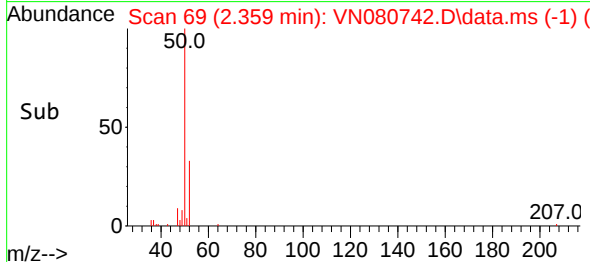
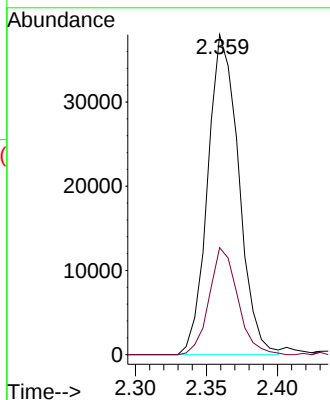
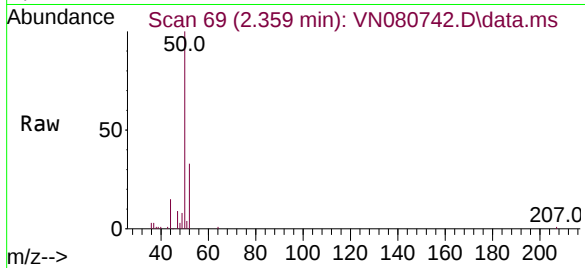




#3
Chloromethane
Concen: 19.933 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

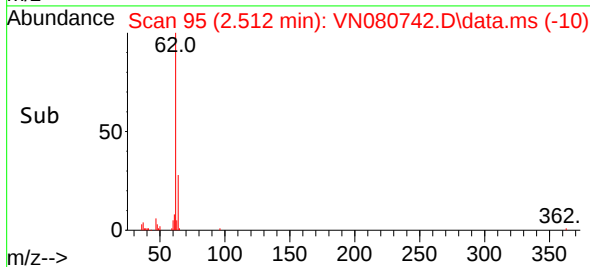
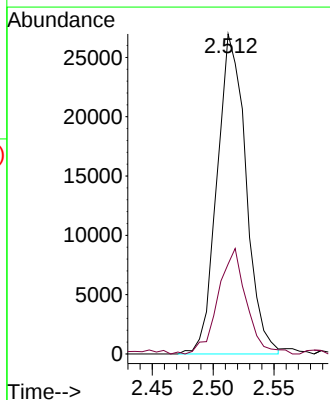
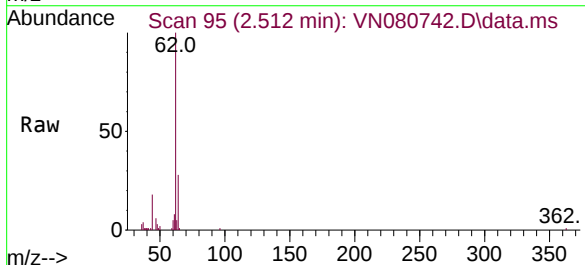
Instrument :
MSVOA_N
ClientSampleId :

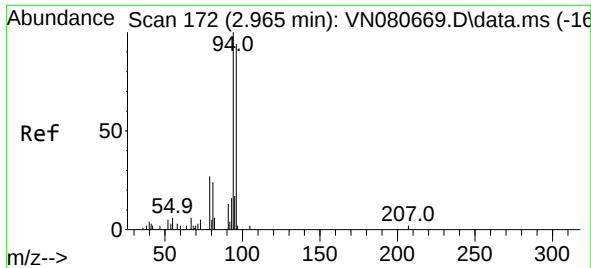
Tgt Ion: 50 Resp: 57684
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0



#4
Vinyl Chloride
Concen: 20.205 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 62 Resp: 44479
Ion Ratio Lower Upper
62 100
64 27.5 24.1 36.1

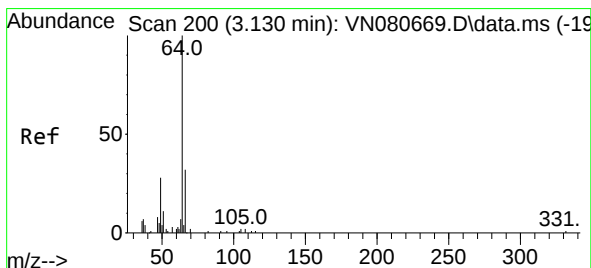
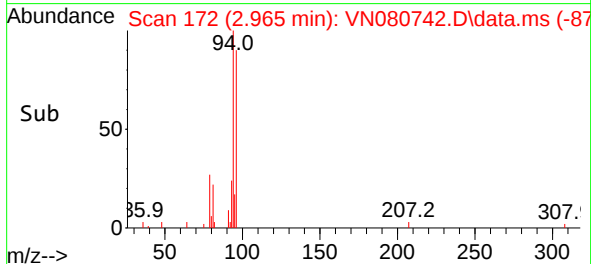
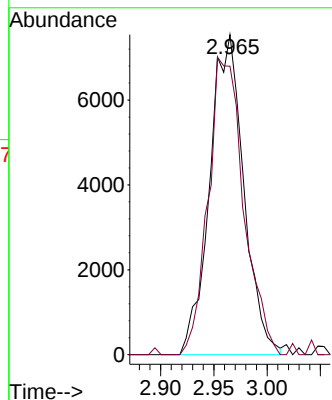
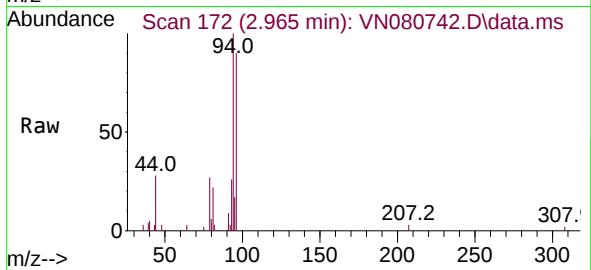




#5
Bromomethane
Concen: 20.766 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

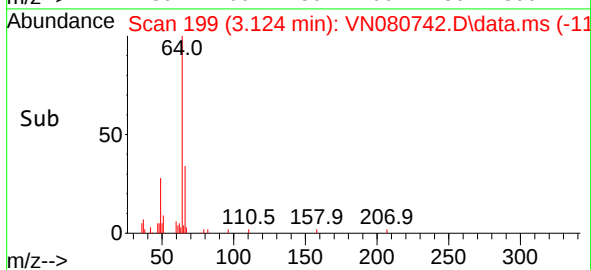
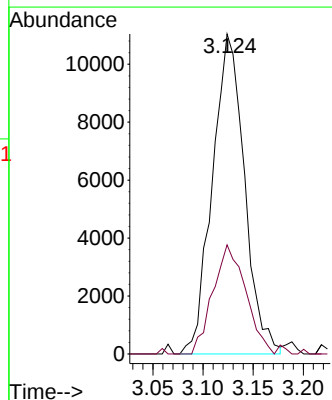
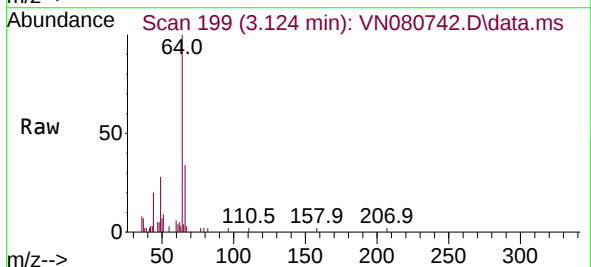
Instrument :
MSVOA_N
ClientSampleId :

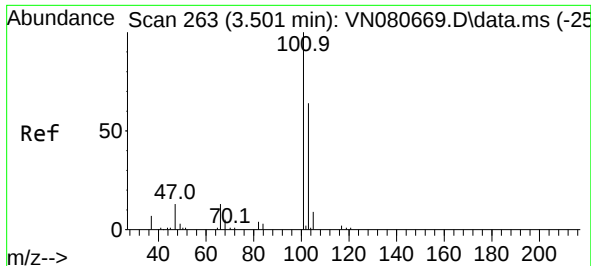
Tgt Ion: 94 Resp: 16786
Ion Ratio Lower Upper
94 100
96 90.2 72.8 109.2



#6
Chloroethane
Concen: 20.618 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

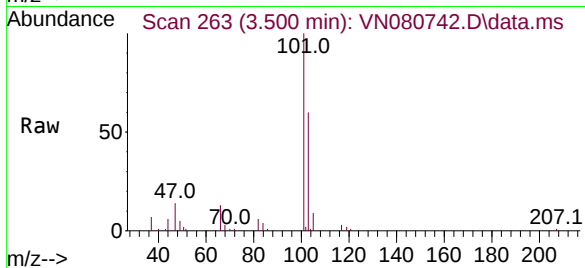
Tgt Ion: 64 Resp: 24539
Ion Ratio Lower Upper
64 100
66 34.1 26.7 40.1



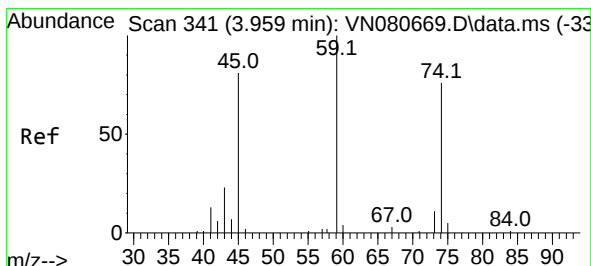
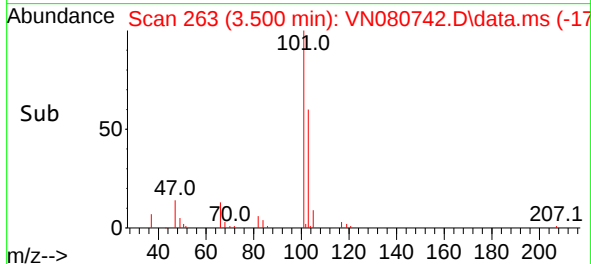
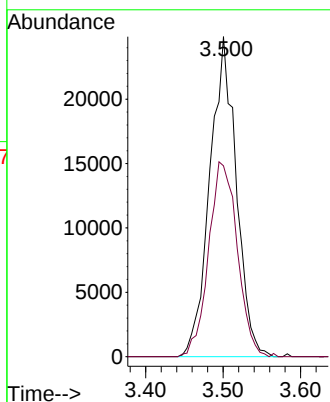


#7
 Trichlorofluoromethane
 Concen: 17.895 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Instrument :
 MSVOA_N
 ClientSampleId :

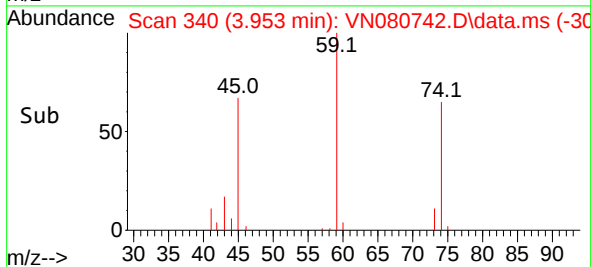
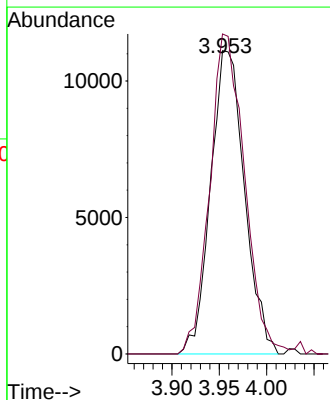
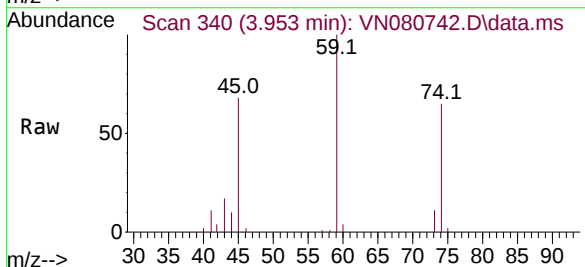


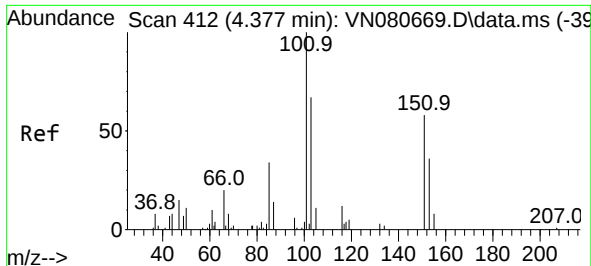
Tgt Ion:101 Resp: 58853
 Ion Ratio Lower Upper
 101 100
 103 59.6 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.136 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Tgt Ion: 74 Resp: 27757
 Ion Ratio Lower Upper
 74 100
 45 107.9 16.4 147.4

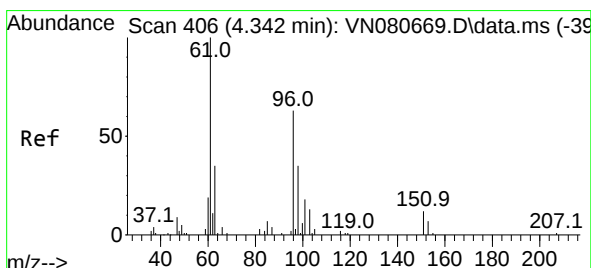
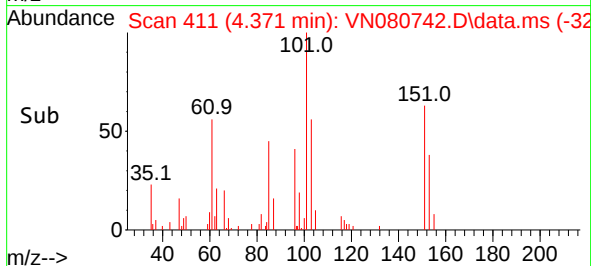
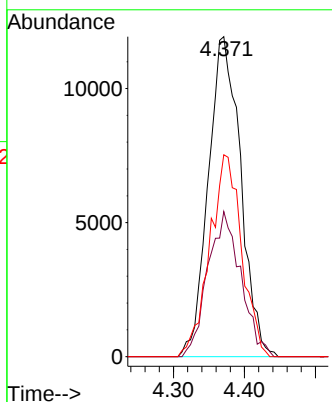
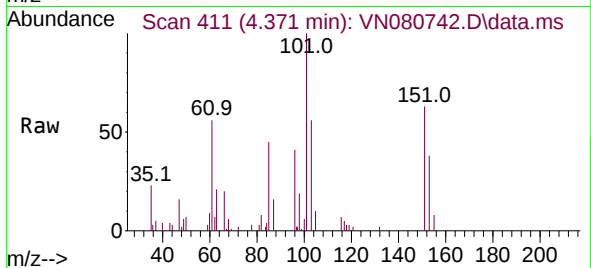




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.869 ug/l
 RT: 4.371 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

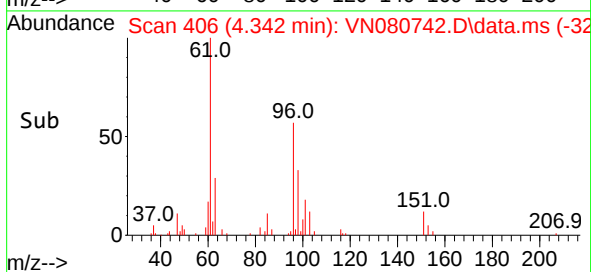
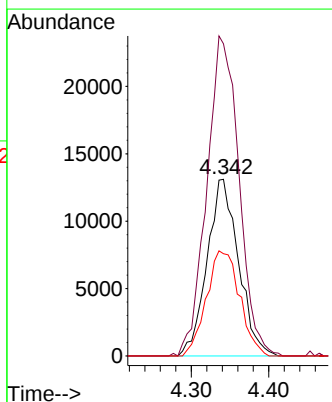
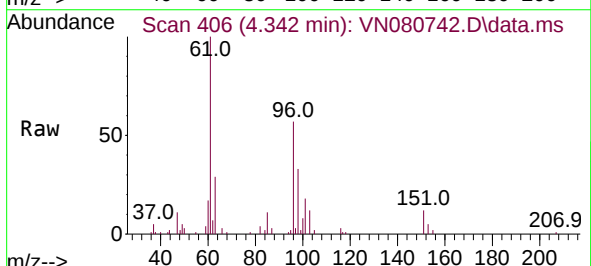
Instrument :
 MSVOA_N
 ClientSampleId :

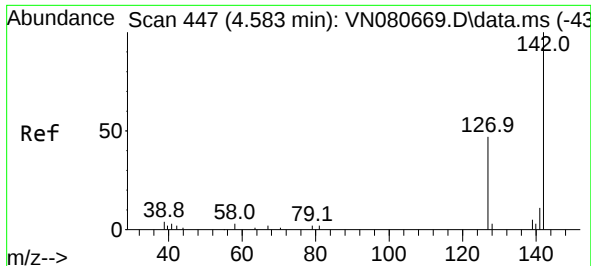
Tgt Ion:101 Resp: 37655
 Ion Ratio Lower Upper
 101 100
 85 45.3 0.0 90.6
 151 62.2 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 18.153 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

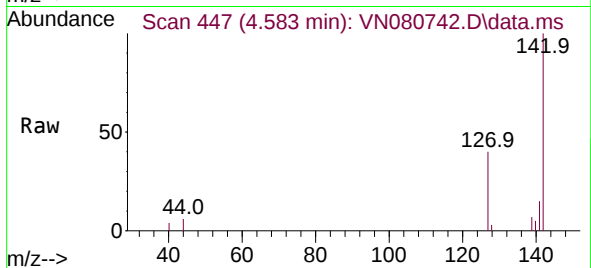
Tgt Ion: 96 Resp: 36955
 Ion Ratio Lower Upper
 96 100
 61 176.7 117.6 176.4#
 98 57.9 48.4 72.6



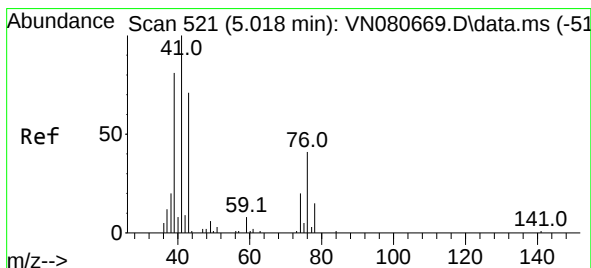
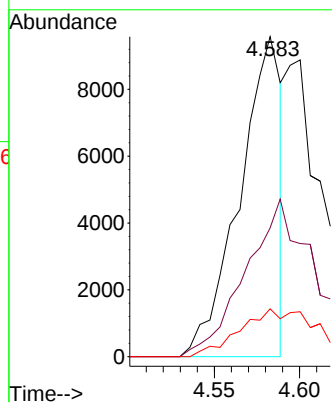
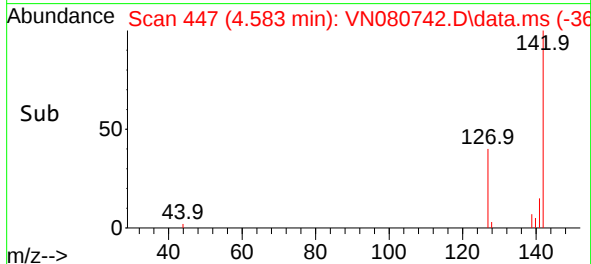


#11
Methyl Iodide
Concen: 9.422 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

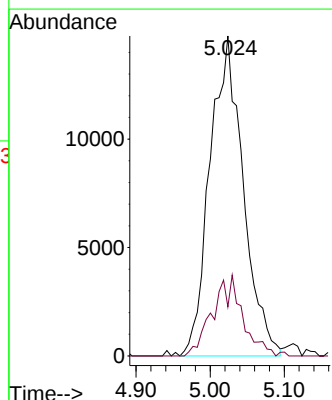
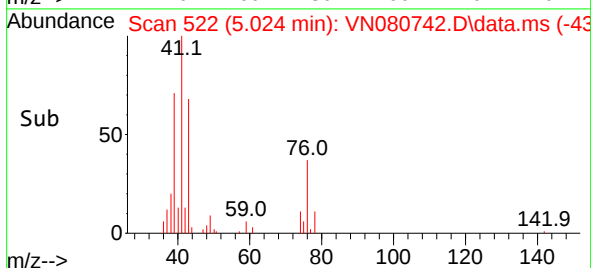
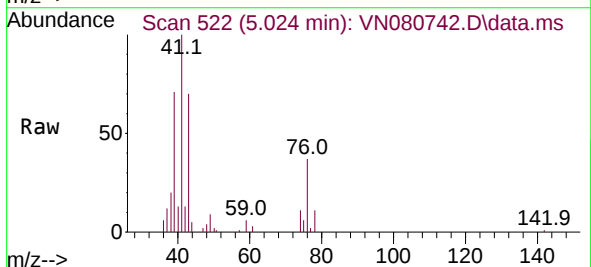


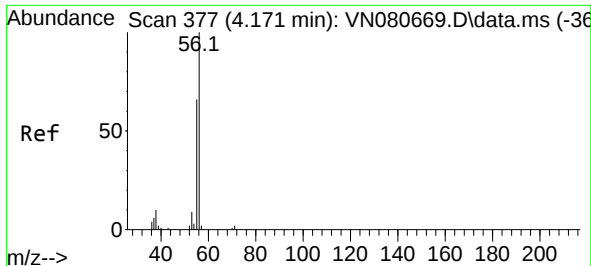
Tgt Ion:142 Resp: 16359
Ion Ratio Lower Upper
142 100
127 27.3 26.3 78.9
141 15.8 8.3 24.9



#12
Methyl Acetate
Concen: 19.124 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 43 Resp: 46061
Ion Ratio Lower Upper
43 100
74 14.9 27.7 41.5#





#13

Acrolein

Concen: 52.637 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

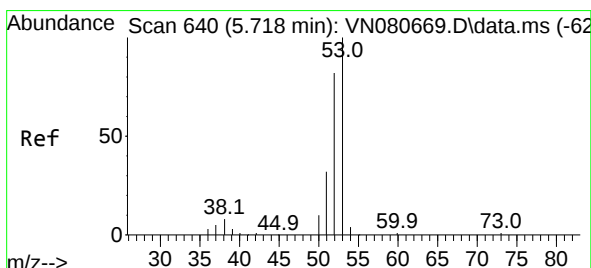
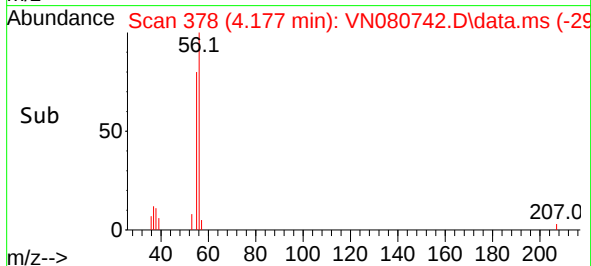
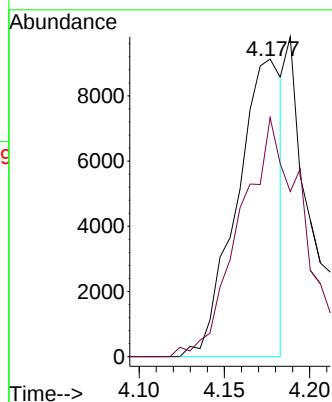
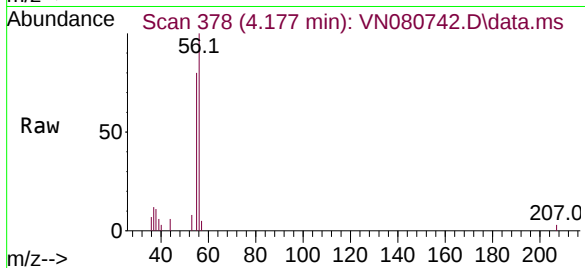
ClientSampleId :

Tgt Ion: 56 Resp: 16852

Ion Ratio Lower Upper

56 100

55 84.4 55.5 83.3#



#14

Acrylonitrile

Concen: 97.048 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

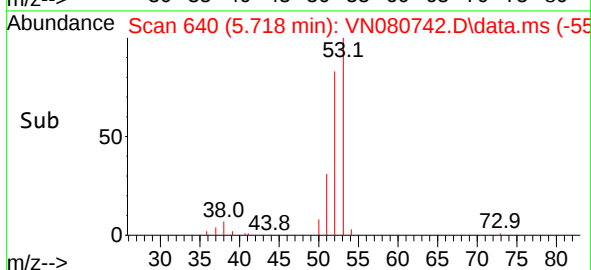
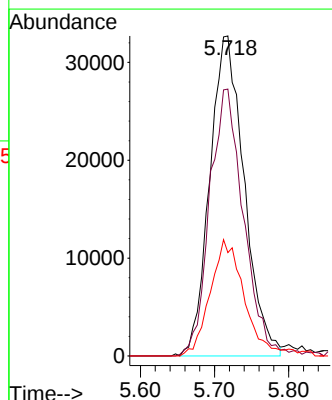
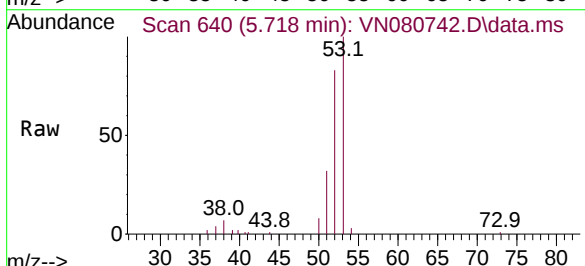
Tgt Ion: 53 Resp: 105329

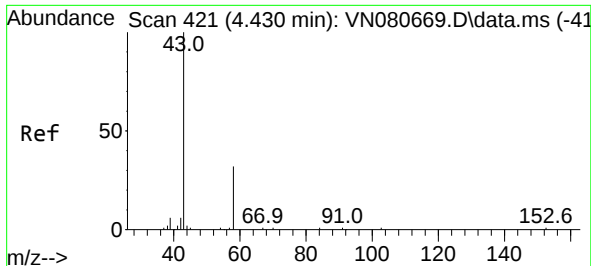
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.9

51 35.7 16.8 50.3





#15

Acetone

Concen: 91.621 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

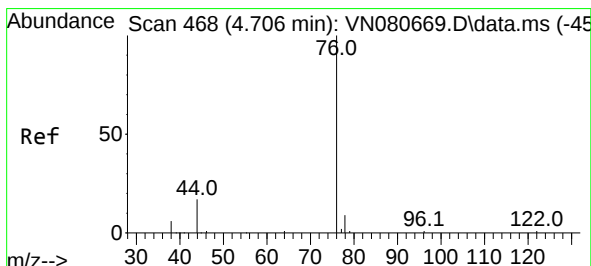
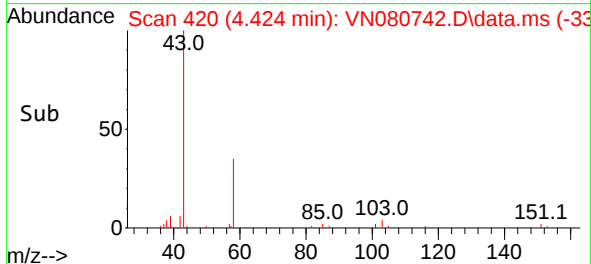
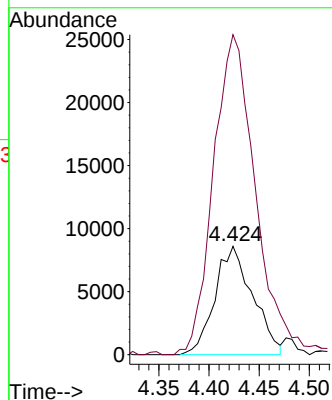
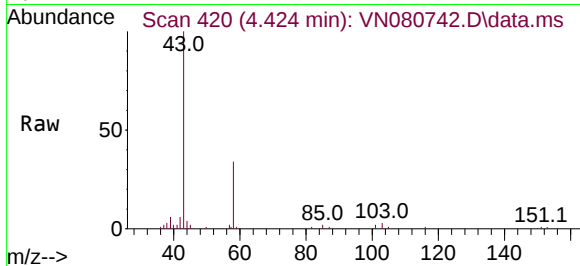
ClientSampleId :

Tgt Ion: 58 Resp: 22557

Ion Ratio Lower Upper

58 100

43 290.3 223.1 334.7



#16

Carbon Disulfide

Concen: 18.141 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN080742.D

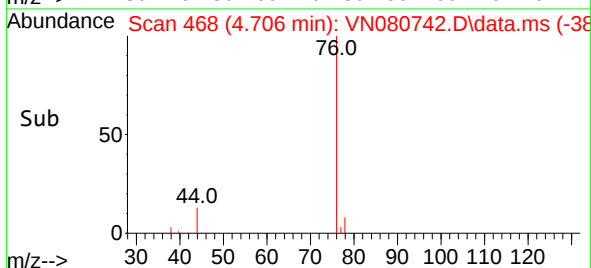
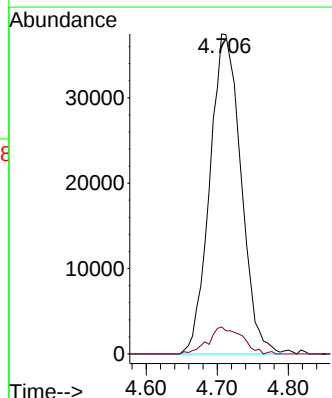
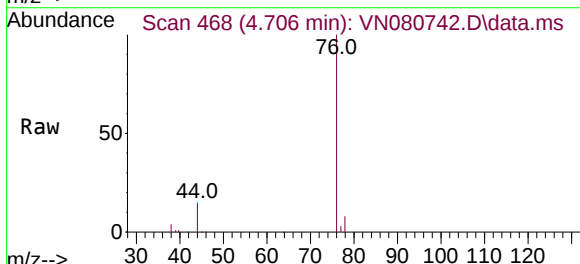
Acq: 22 Jan 2024 17:46

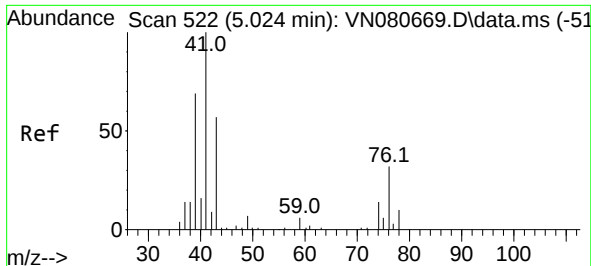
Tgt Ion: 76 Resp: 114408

Ion Ratio Lower Upper

76 100

78 8.4 6.3 9.5





#17

Allyl chloride

Concen: 17.572 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN080742.D

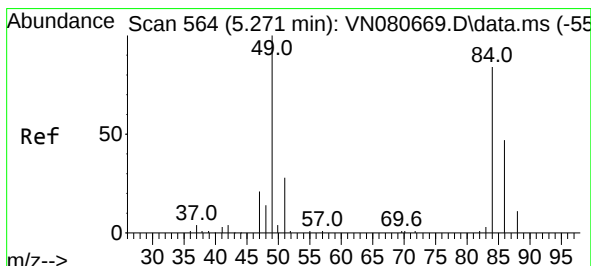
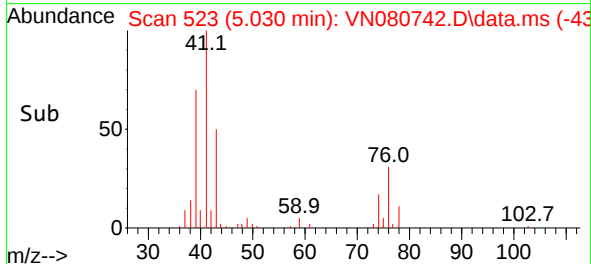
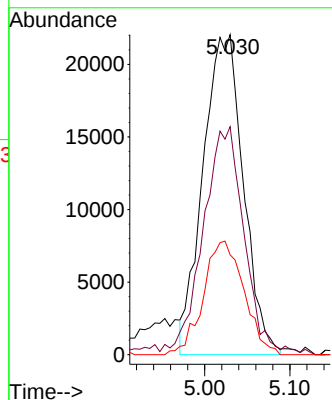
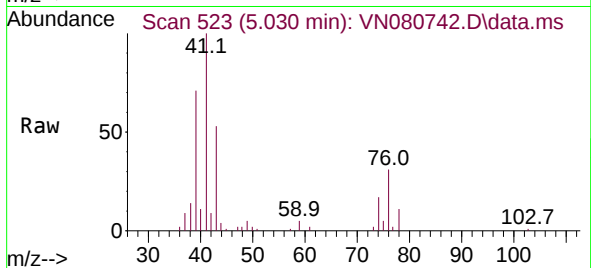
Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	41	Resp:	72412
Ion	Ratio	Lower	Upper
41	100		
39	71.0	37.6	112.9
76	31.8	27.8	83.4



#18

Methylene Chloride

Concen: 18.258 ug/l

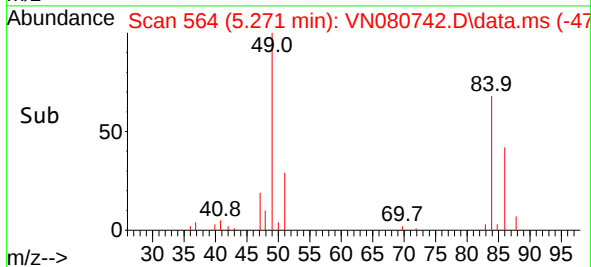
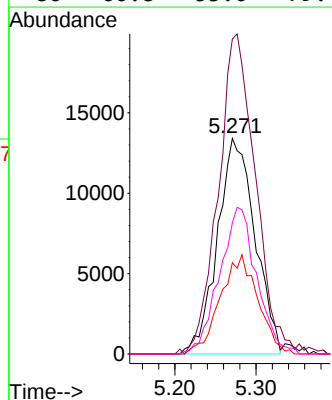
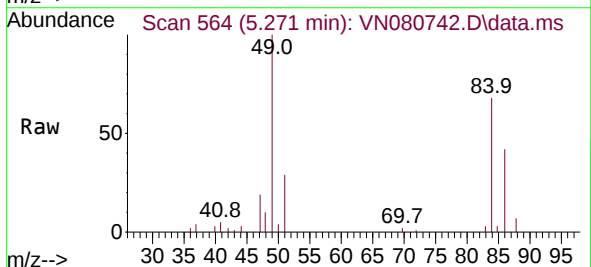
RT: 5.271 min Scan# 564

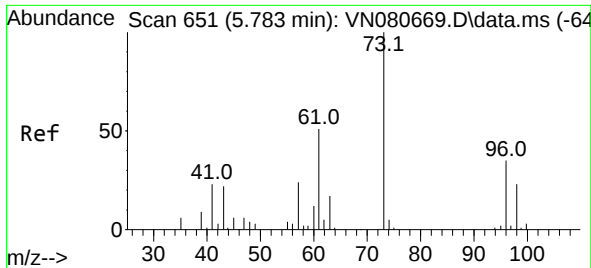
Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Tgt Ion:	84	Resp:	43192
Ion	Ratio	Lower	Upper
84	100		
49	144.0	86.0	129.0#
51	42.3	30.0	45.0
86	60.8	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 18.564 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

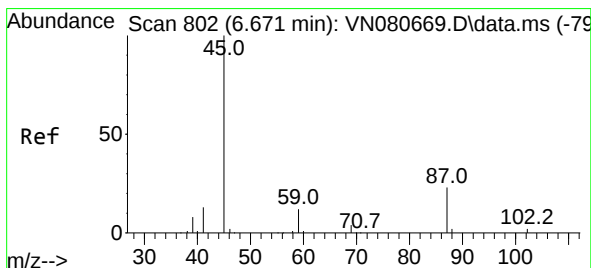
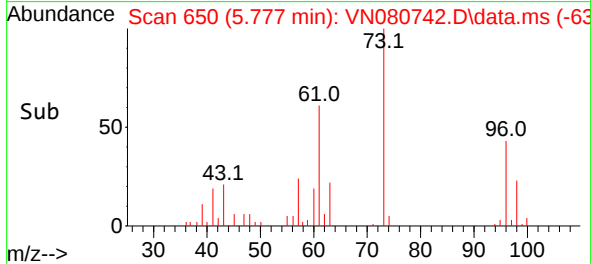
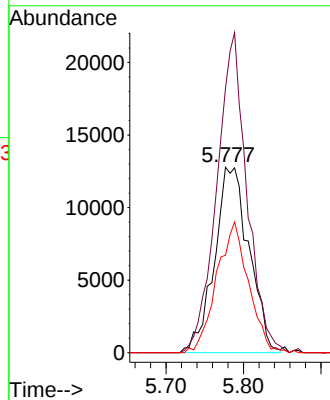
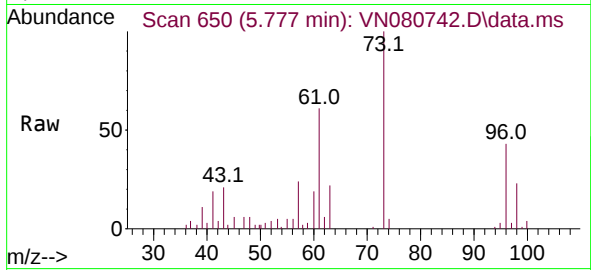
Tgt Ion: 96 Resp: 39733

Ion Ratio Lower Upper

96 100

61 142.6 111.8 167.6

98 52.6 49.2 73.8



#20

Diisopropyl ether

Concen: 19.831 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Tgt Ion: 45 Resp: 165838

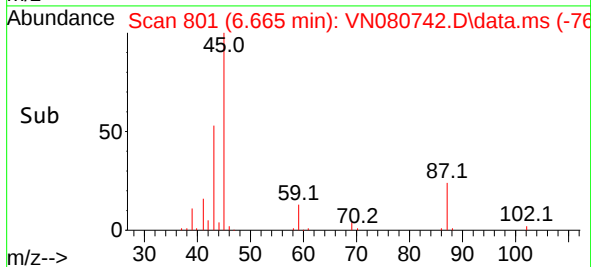
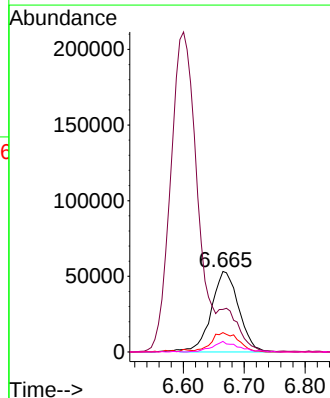
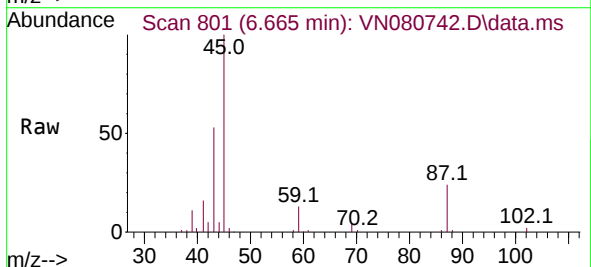
Ion Ratio Lower Upper

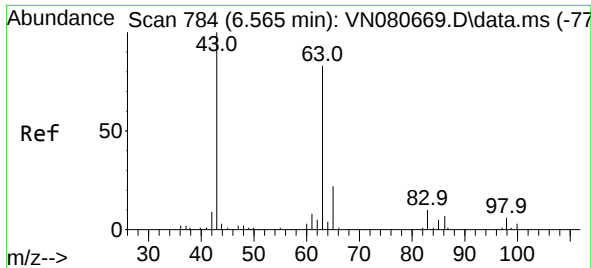
45 100

43 51.8 40.4 60.6

87 24.1 23.8 35.8

59 13.2 9.8 14.6

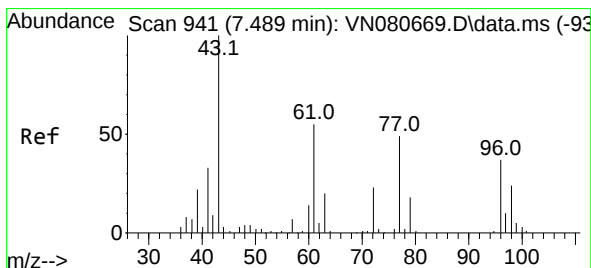
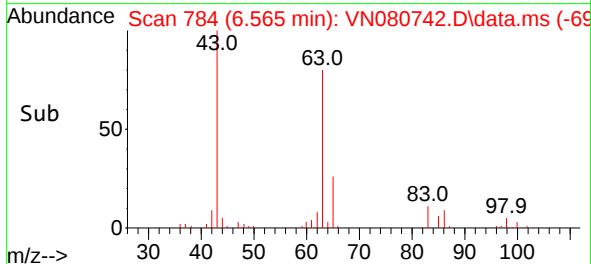
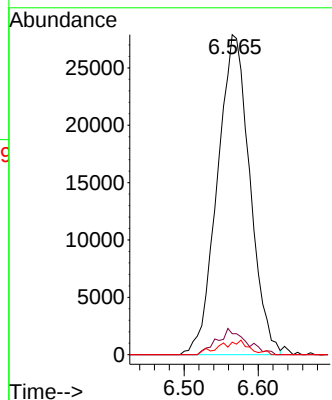
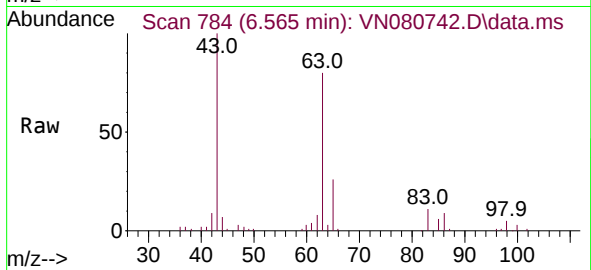




#21
1,1-Dichloroethane
Concen: 18.682 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

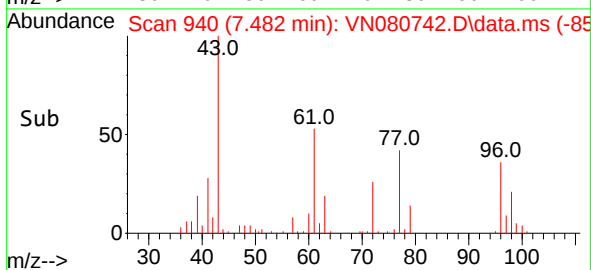
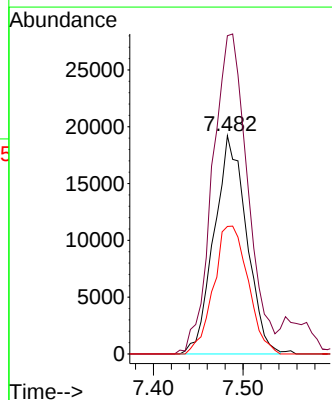
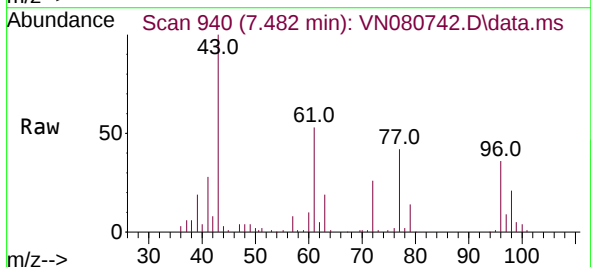
Instrument :
MSVOA_N
ClientSampleId :

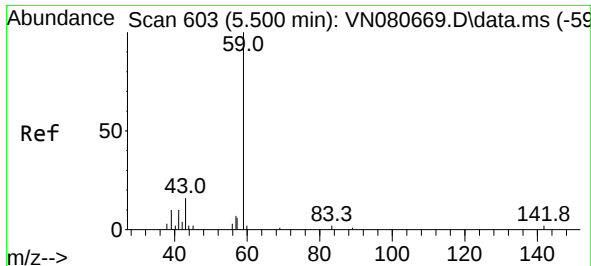
Tgt Ion: 63 Resp: 84843
Ion Ratio Lower Upper
63 100
98 6.6 4.1 12.3
100 3.9 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.226 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 96 Resp: 48140
Ion Ratio Lower Upper
96 100
61 155.4 113.5 170.3
98 62.4 52.0 78.0

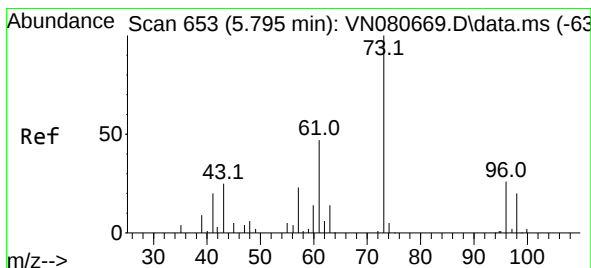
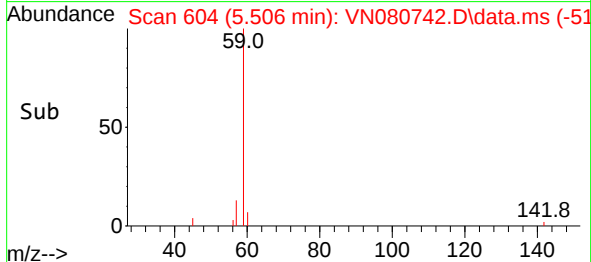
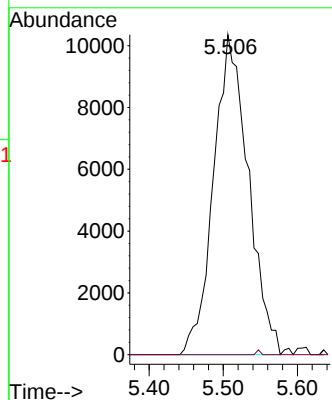
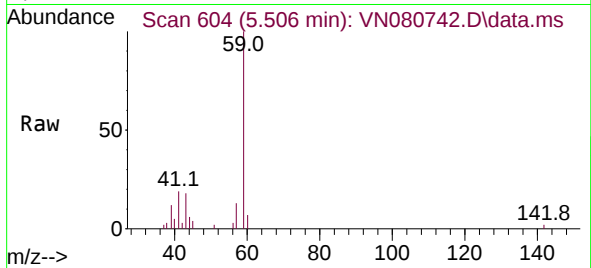




#23
tert-Butyl Alcohol
Concen: 89.967 ug/l
RT: 5.506 min Scan# 603
Delta R.T. 0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

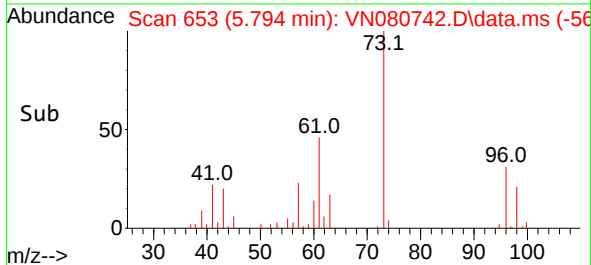
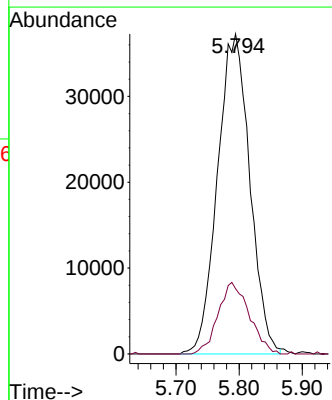
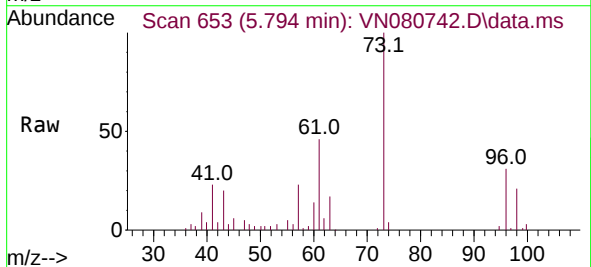
Instrument :
MSVOA_N
ClientSampleId :

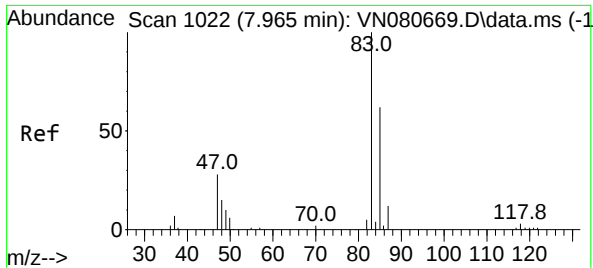
Tgt Ion: 59 Resp: 33676
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.980 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 73 Resp: 132345
Ion Ratio Lower Upper
73 100
43 21.6 13.4 20.2#

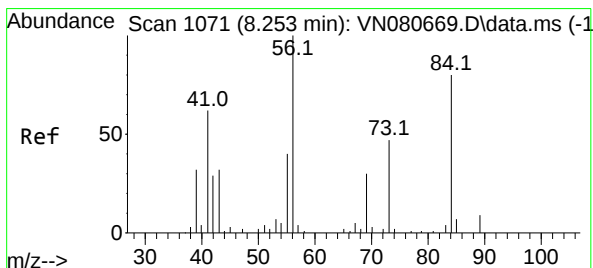
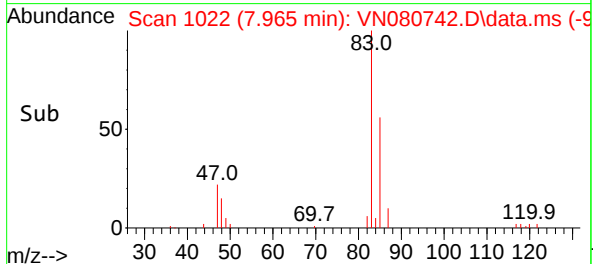
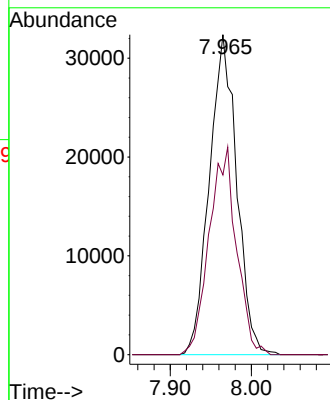
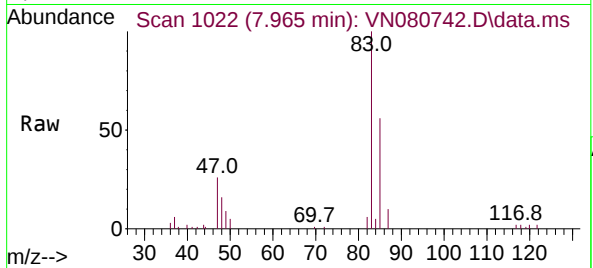




#25
Chloroform
Concen: 17.950 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

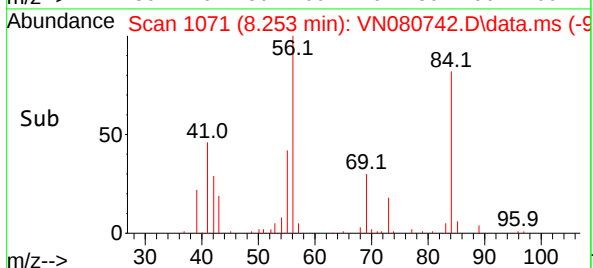
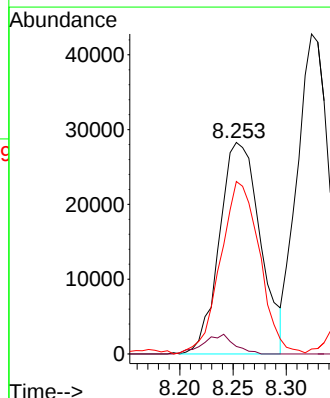
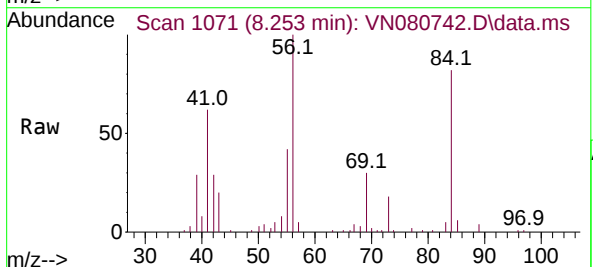
Instrument :
MSVOA_N
ClientSampleId :

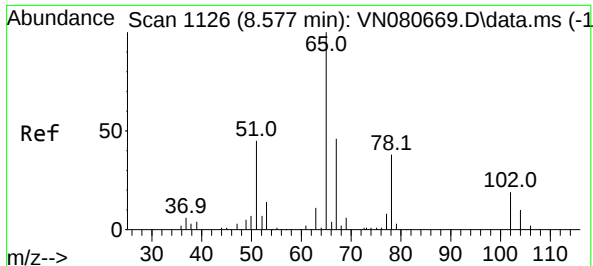
Tgt Ion: 83 Resp: 75895
Ion Ratio Lower Upper
83 100
85 56.2 50.9 76.3



#26
Cyclohexane
Concen: 21.146 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 56 Resp: 75517
Ion Ratio Lower Upper
56 100
89 7.0 19.3 28.9#
84 78.1 71.3 106.9

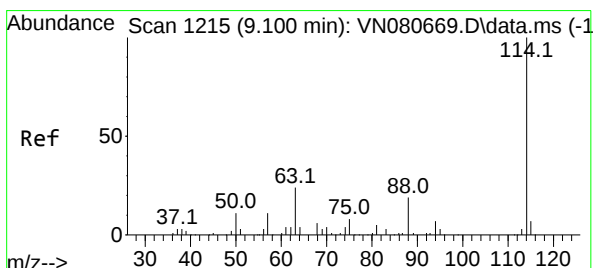
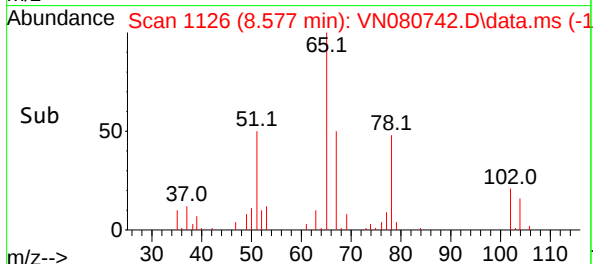
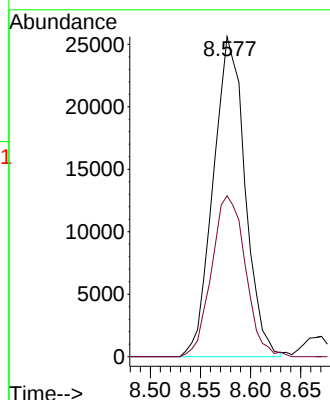
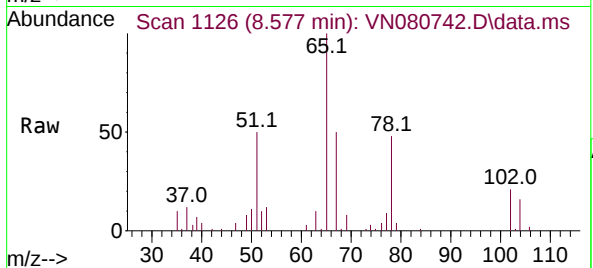




#27
 1,2-Dichloroethane-d4
 Concen: 28.022 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

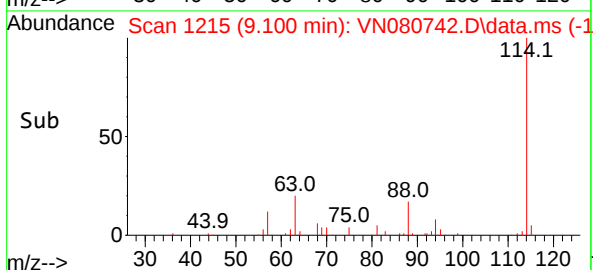
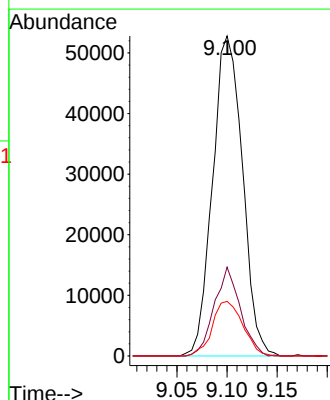
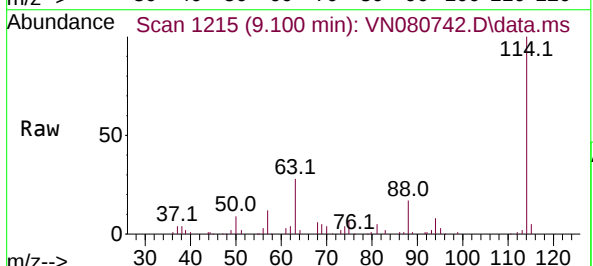
Instrument :
 MSVOA_N
 ClientSampleId :

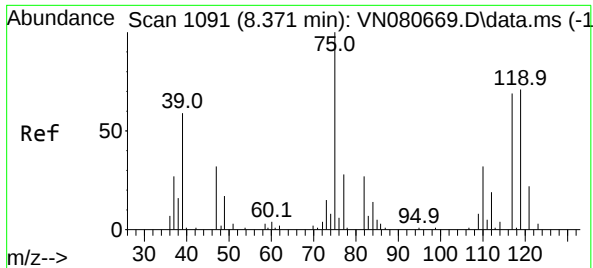
Tgt Ion: 65 Resp: 56564
 Ion Ratio Lower Upper
 65 100
 67 53.0 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Tgt Ion: 114 Resp: 109293
 Ion Ratio Lower Upper
 114 100
 63 24.2 15.9 23.9#
 88 17.5 12.7 19.1

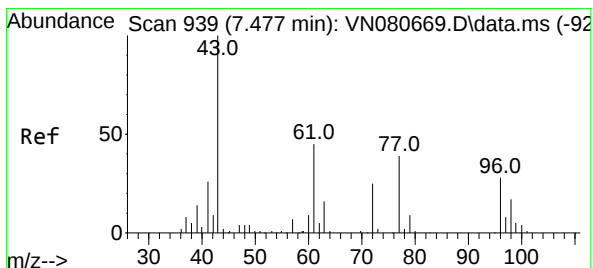
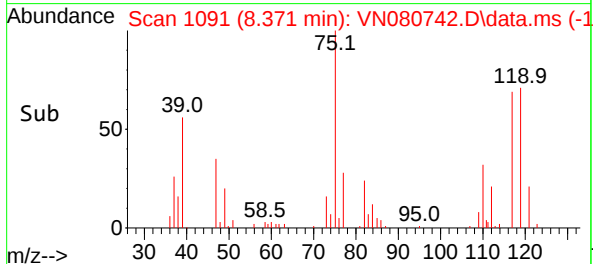
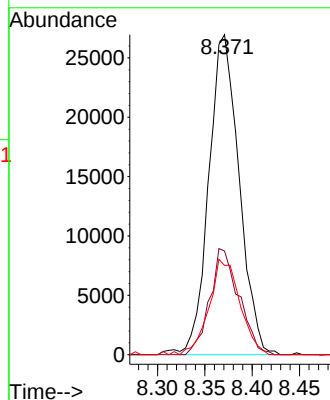
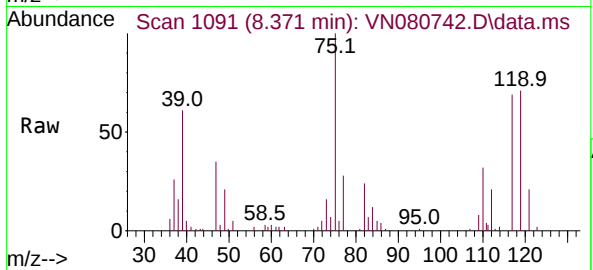




#29
1,1-Dichloropropene
Concen: 18.012 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

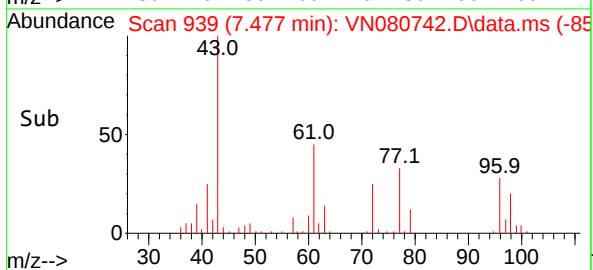
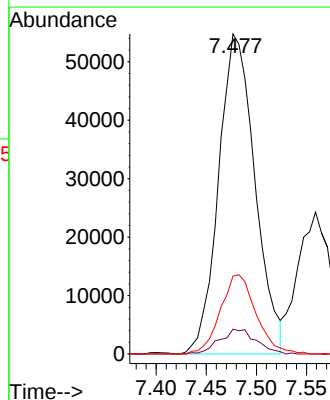
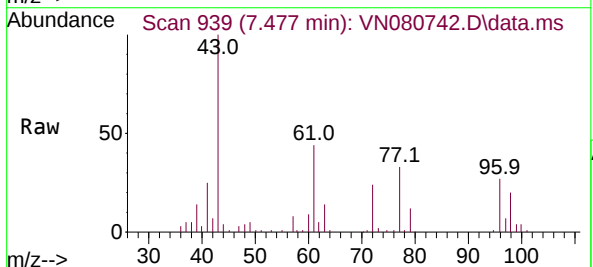
Instrument :
MSVOA_N
ClientSampleId :

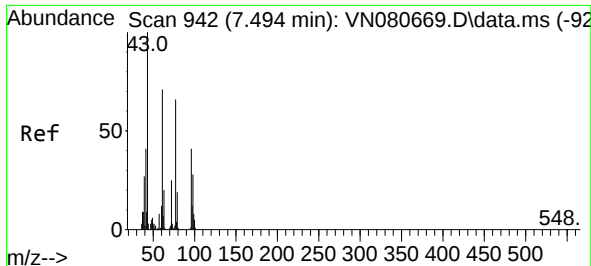
Tgt Ion: 75 Resp: 59840
Ion Ratio Lower Upper
75 100
110 32.0 0.0 70.2
77 30.3 0.0 61.4



#30
2-Butanone
Concen: 94.136 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 43 Resp: 138392
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 24.3 24.0 36.0

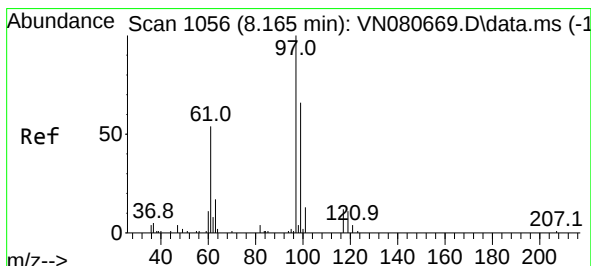
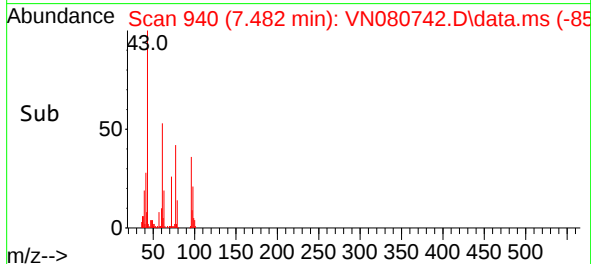
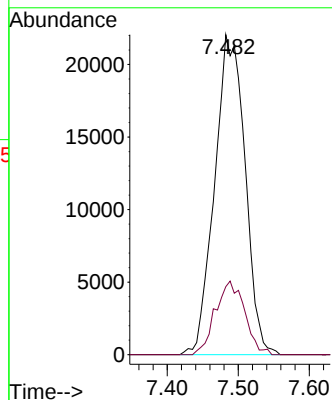
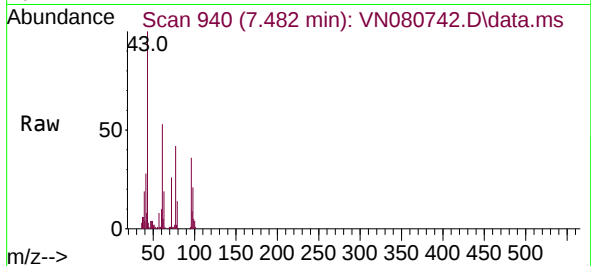




#31
2,2-Dichloropropane
Concen: 16.427 ug/l
RT: 7.482 min Scan# 942
Delta R.T. -0.011 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

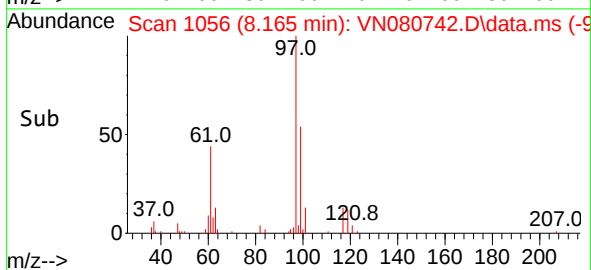
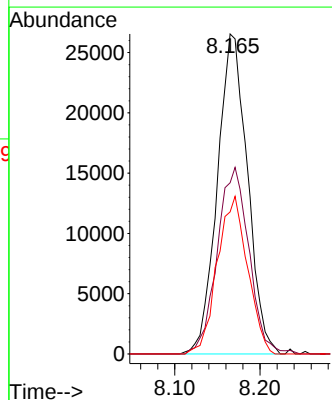
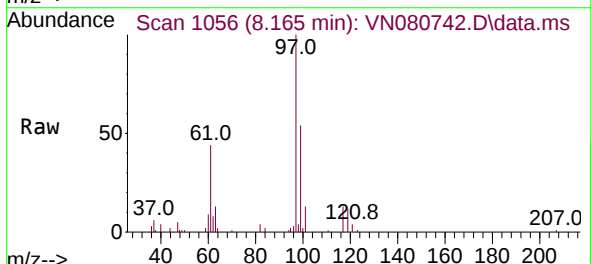
Instrument :
MSVOA_N
ClientSampleId :

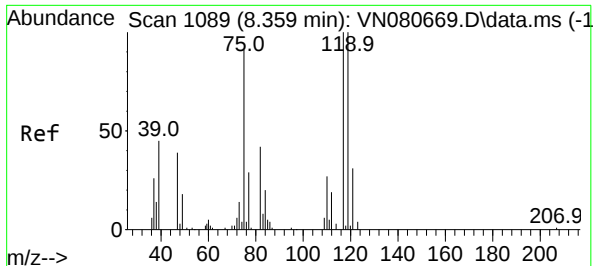
Tgt Ion: 77 Resp: 65562
Ion Ratio Lower Upper
77 100
97 21.8 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 17.835 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

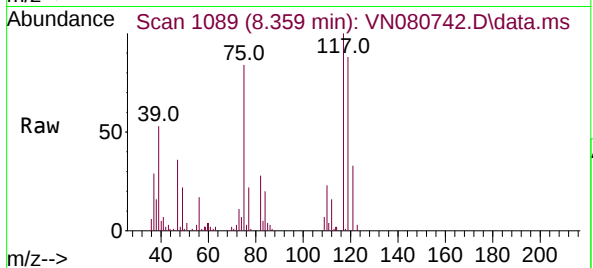
Tgt Ion: 97 Resp: 65198
Ion Ratio Lower Upper
97 100
99 61.2 51.0 76.4
61 49.5 33.8 50.8





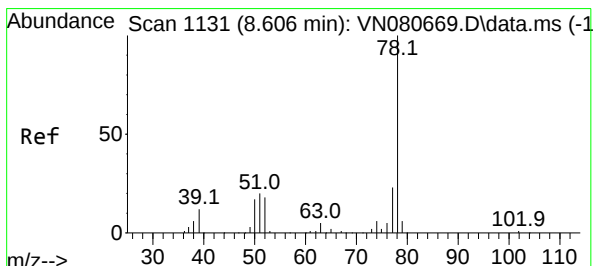
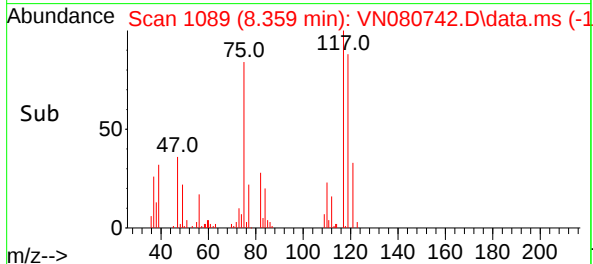
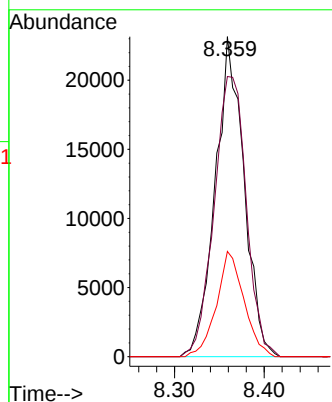
#33
Carbon Tetrachloride
Concen: 17.790 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 51362

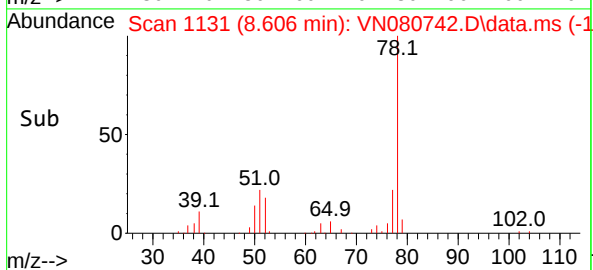
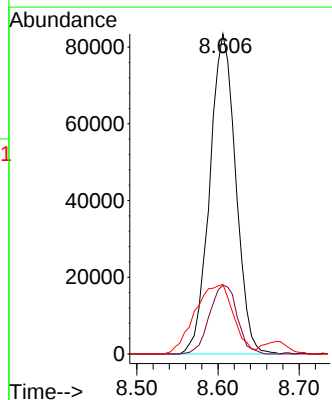
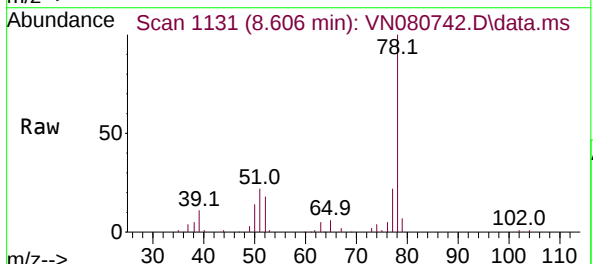
Ion	Ratio	Lower	Upper
117	100		
119	87.6	77.7	116.5
121	32.9	27.0	40.6

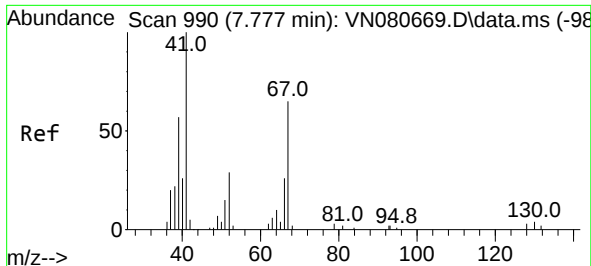


#34
Benzene
Concen: 18.844 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 78 Resp: 185696

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.2	28.8
51	18.3	13.3	19.9



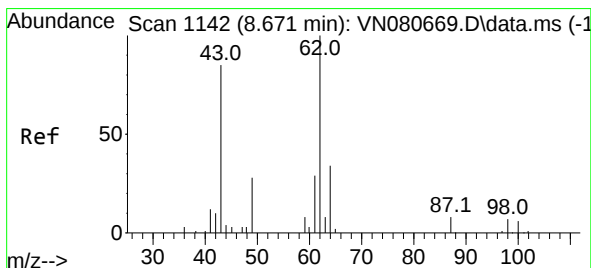
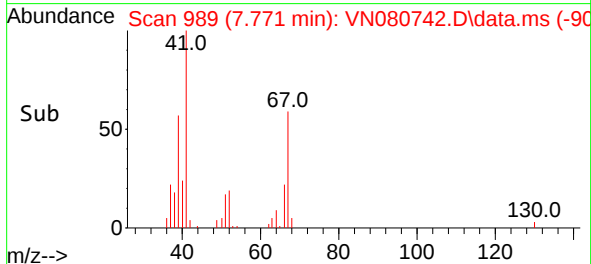
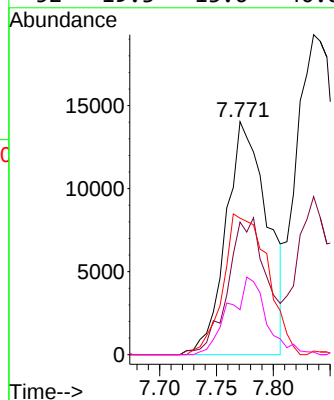
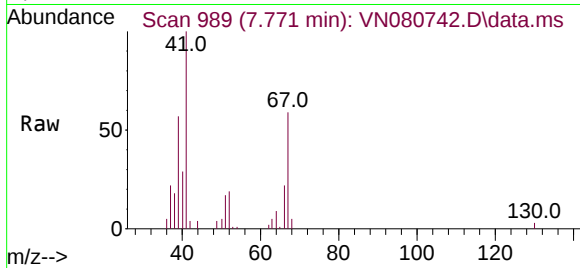


#35
Methacrylonitrile
Concen: 19.292 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 35589

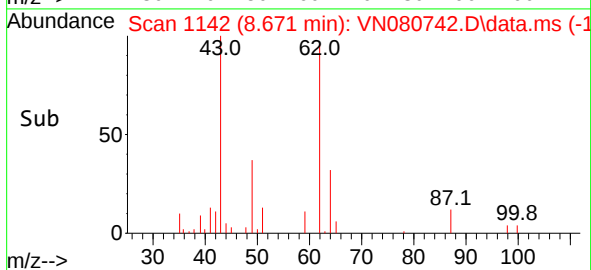
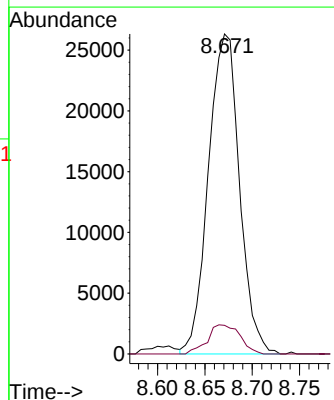
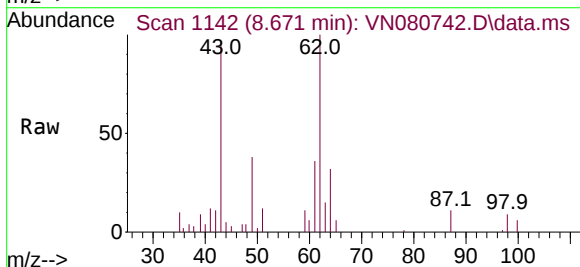
Ion	Ratio	Lower	Upper
41	100		
39	57.0	25.3	75.9
67	58.6	38.7	116.1
52	19.3	13.6	40.8

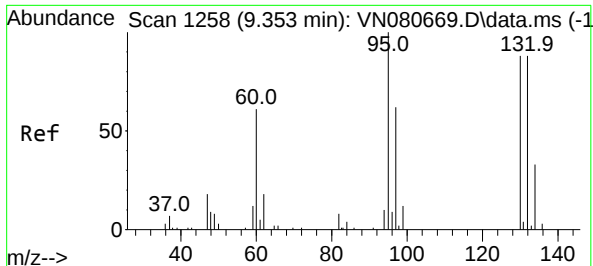


#36
1,2-Dichloroethane
Concen: 16.583 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 62 Resp: 60089

Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.2	12.4





#37

Trichloroethene

Concen: 17.716 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

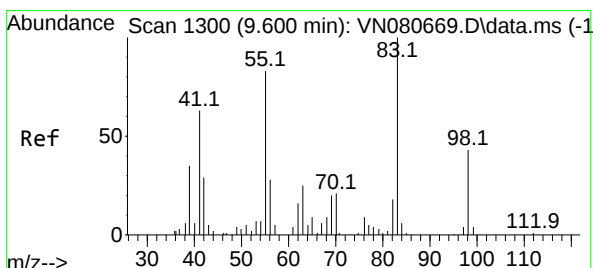
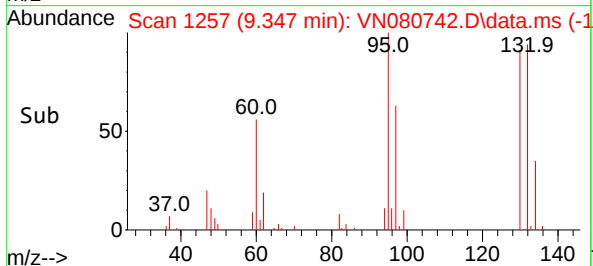
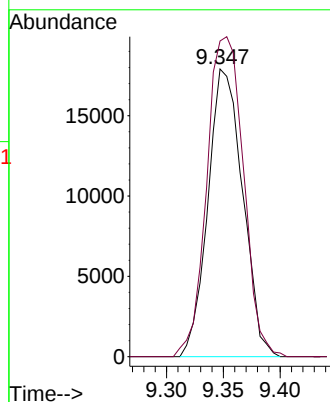
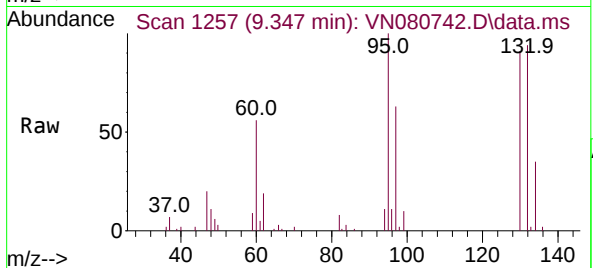
ClientSampleId :

Tgt Ion:130 Resp: 38074

Ion Ratio Lower Upper

130 100

95 108.5 80.2 120.4



#38

Methylcyclohexane

Concen: 19.041 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

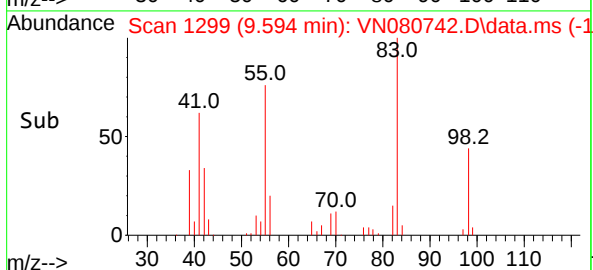
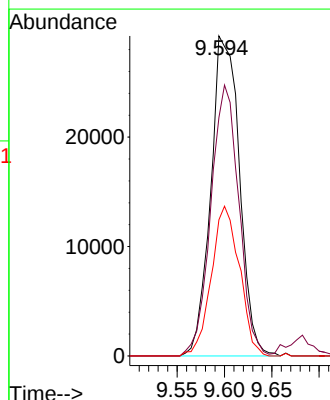
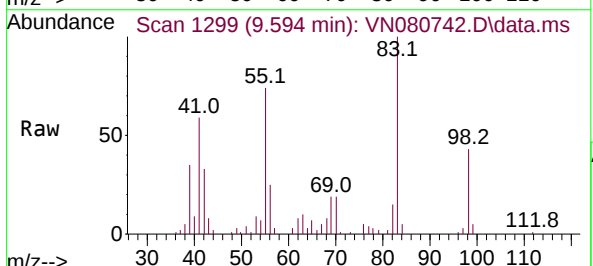
Tgt Ion: 83 Resp: 61629

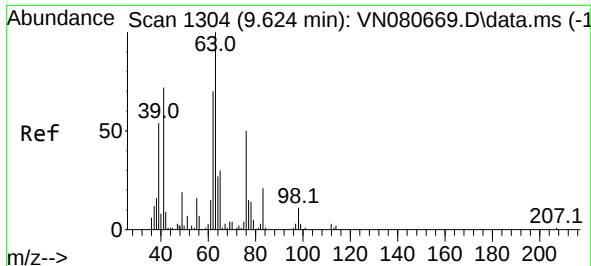
Ion Ratio Lower Upper

83 100

55 82.8 36.6 109.9

98 45.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.186 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

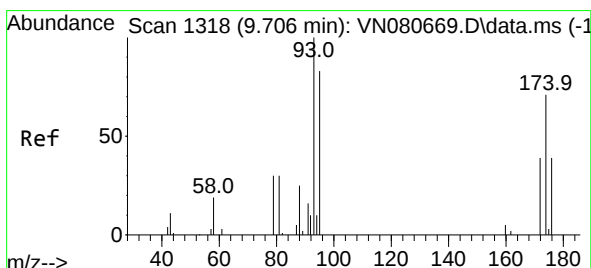
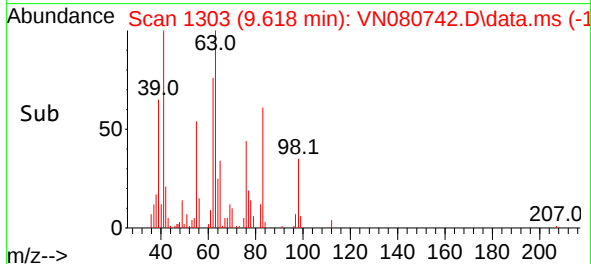
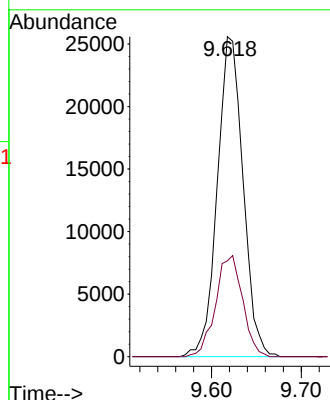
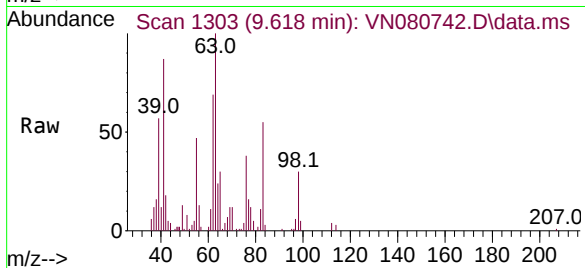
ClientSampleId :

Tgt Ion: 63 Resp: 50959

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.4



#40

Dibromomethane

Concen: 19.112 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

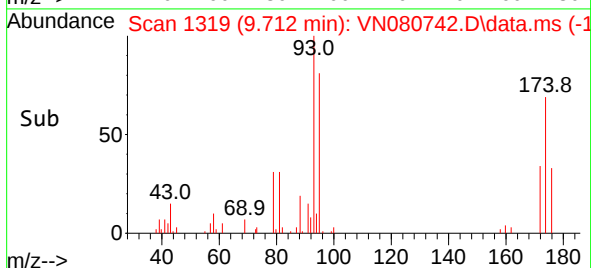
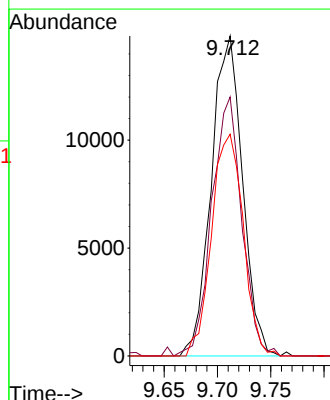
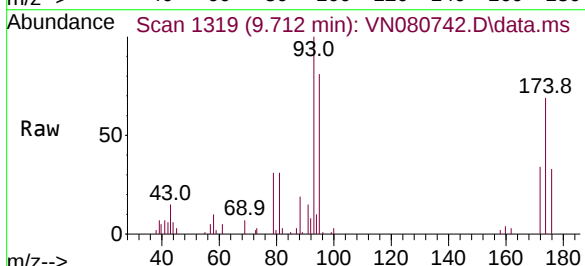
Tgt Ion: 93 Resp: 30203

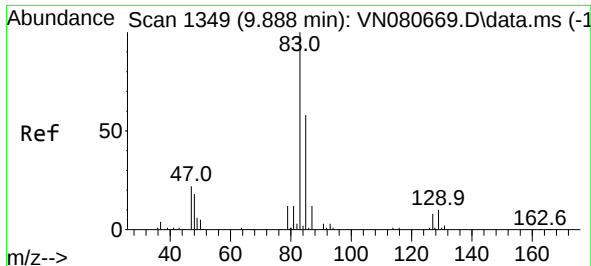
Ion Ratio Lower Upper

93 100

95 77.9 0.0 164.6

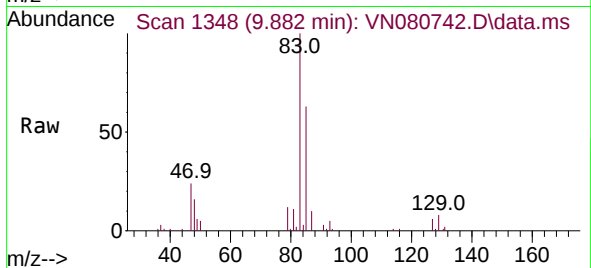
174 70.3 0.0 193.2



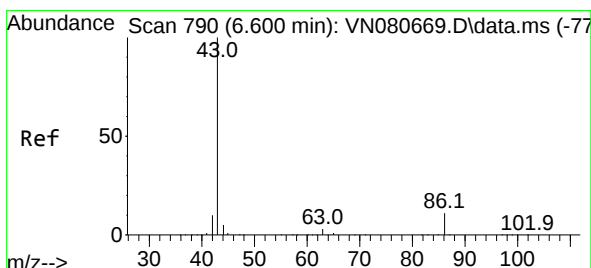
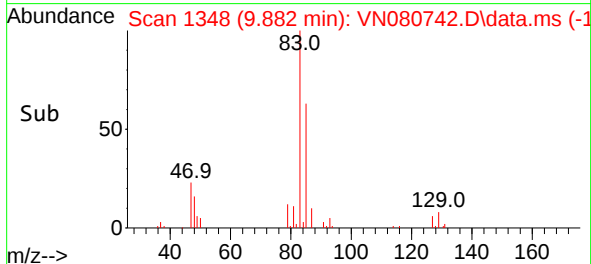
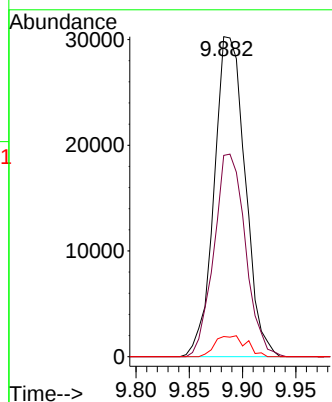


#41
Bromodichloromethane
Concen: 17.672 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

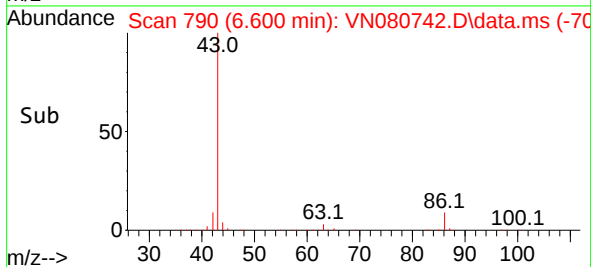
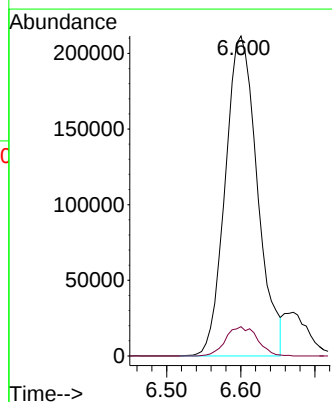
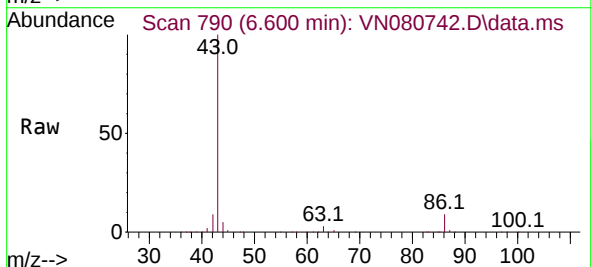


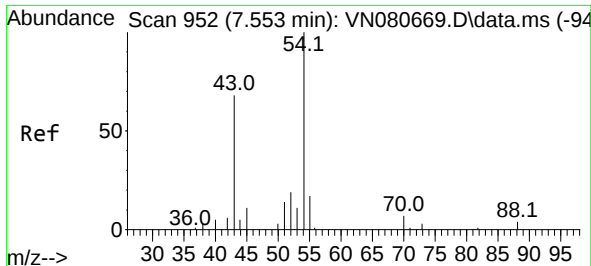
Tgt Ion: 83 Resp: 61115
Ion Ratio Lower Upper
83 100
85 62.9 49.4 74.2
127 6.3 7.3 10.9#



#42
Vinyl Acetate
Concen: 93.324 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

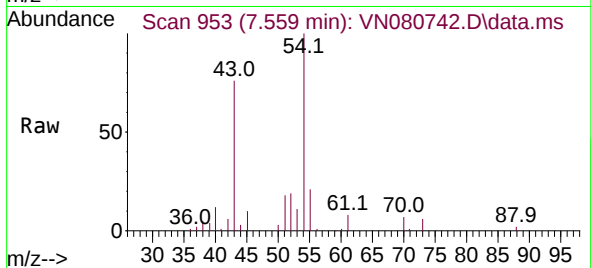
Tgt Ion: 43 Resp: 637670
Ion Ratio Lower Upper
43 100
86 9.0 9.4 14.2#



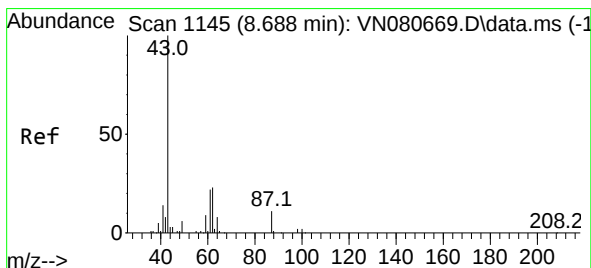
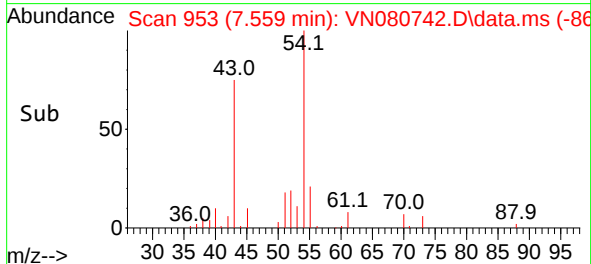
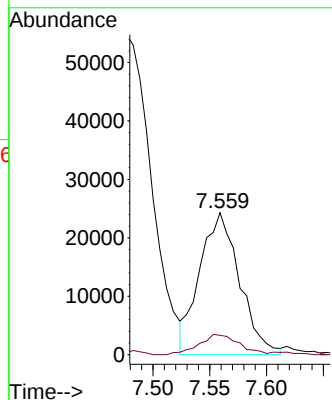


#43
Ethyl Acetate
Concen: 19.251 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

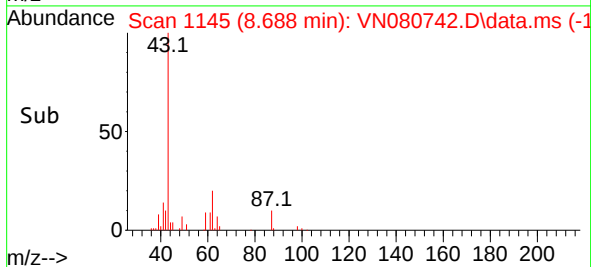
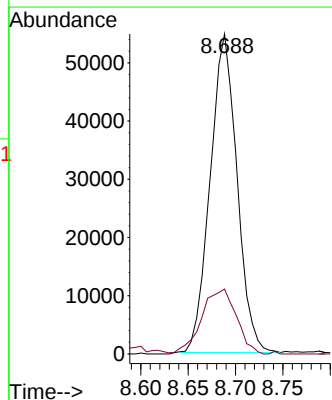
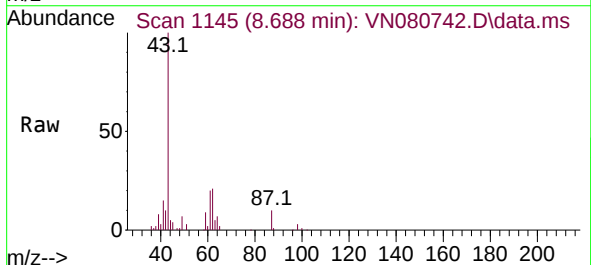


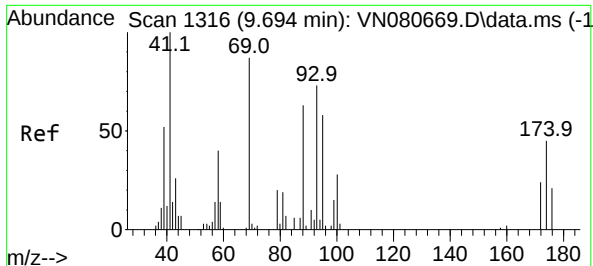
Tgt Ion: 43 Resp: 59427
Ion Ratio Lower Upper
43 100
45 14.2 10.6 15.8



#44
Isopropyl Acetate
Concen: 18.309 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 43 Resp: 107893
Ion Ratio Lower Upper
43 100
61 26.3 25.0 37.4





#45

1,4-Dioxane

Concen: 379.115 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

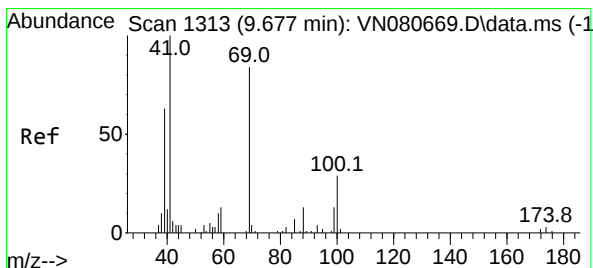
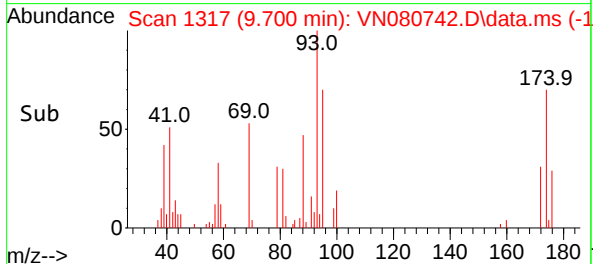
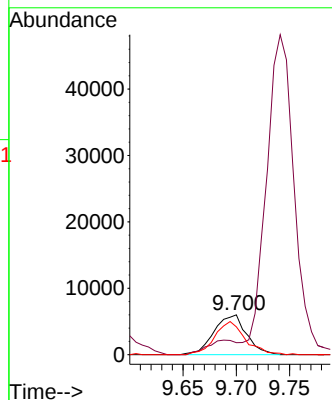
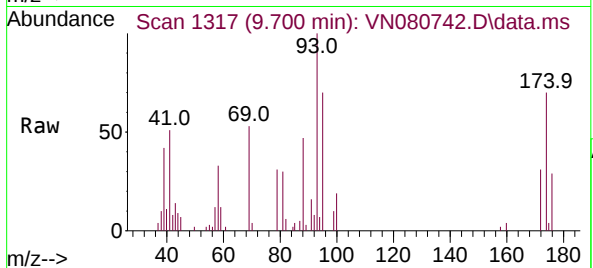
Tgt Ion: 88 Resp: 12706

Ion Ratio Lower Upper

88 100

43 37.8 19.8 29.6#

58 77.8 55.4 83.0



#46

Methyl methacrylate

Concen: 17.502 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.001 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

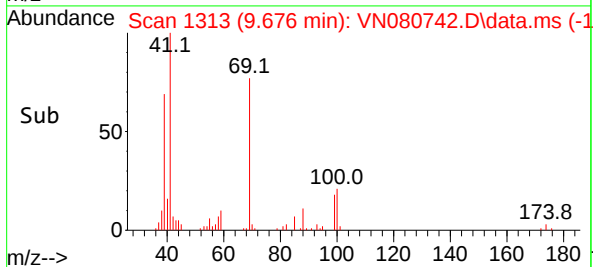
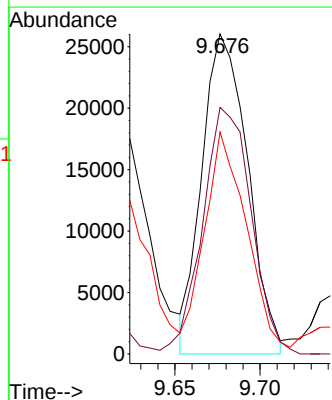
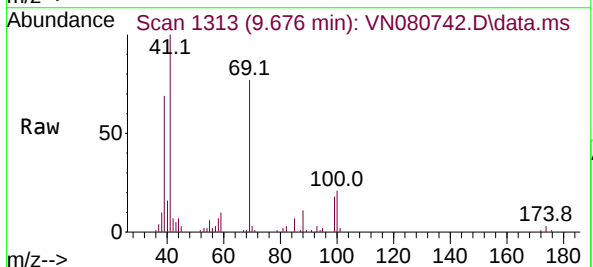
Tgt Ion: 41 Resp: 48565

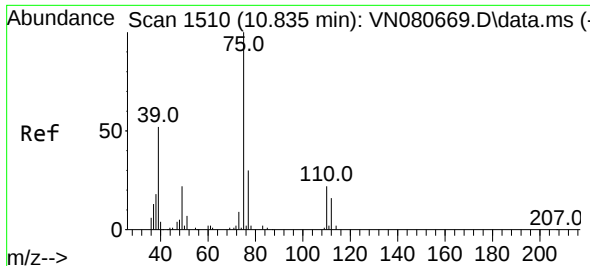
Ion Ratio Lower Upper

41 100

69 76.4 51.1 153.3

39 65.5 25.8 77.3

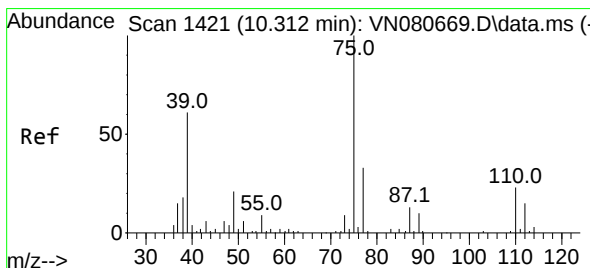
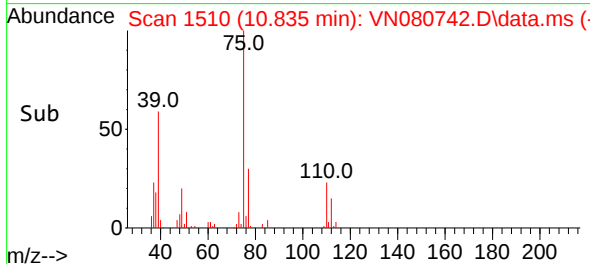
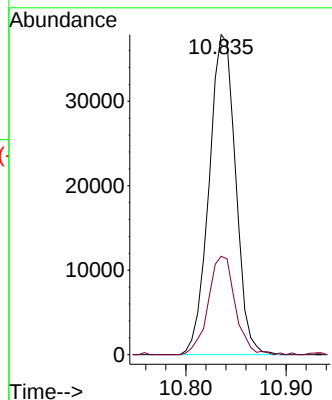
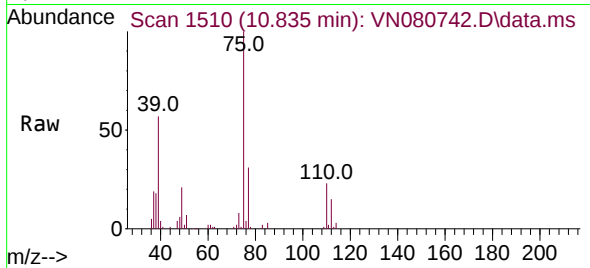




#48
t-1,3-Dichloropropene
Concen: 17.075 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

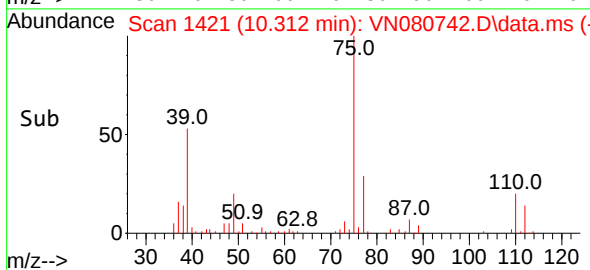
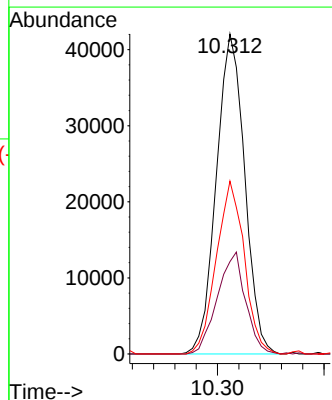
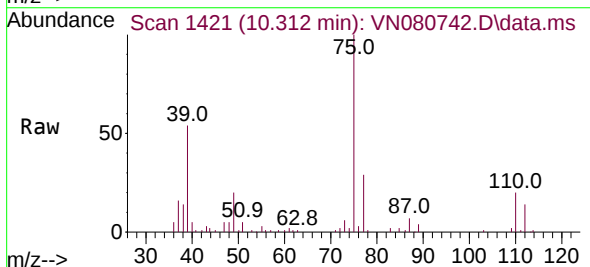
Instrument :
MSVOA_N
ClientSampleId :

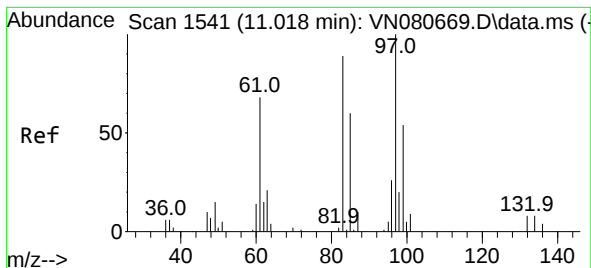
Tgt Ion: 75 Resp: 69580
Ion Ratio Lower Upper
75 100
77 30.8 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 17.972 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 75 Resp: 77732
Ion Ratio Lower Upper
75 100
77 28.9 24.9 37.3
39 54.0 31.0 46.6#





#50

1,1,2-Trichloroethane

Concen: 18.280 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

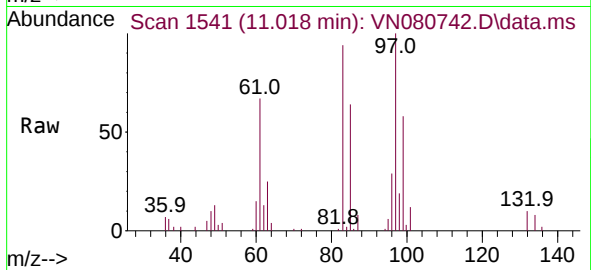
Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 39673

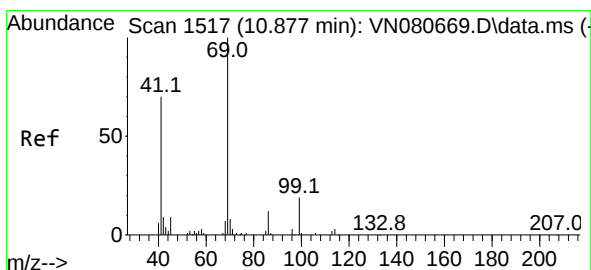
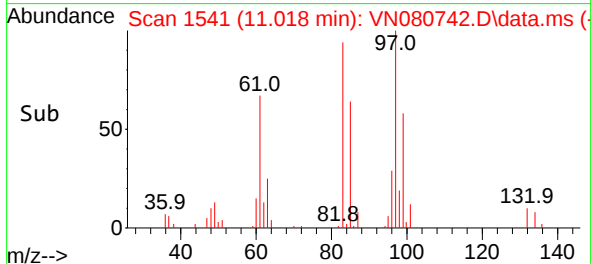
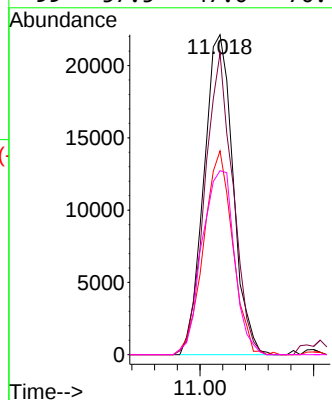
Ion Ratio Lower Upper

97 100

83 94.3 68.1 102.1

85 63.7 41.8 62.6#

99 57.5 47.0 70.4



#51

Ethyl methacrylate

Concen: 18.154 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

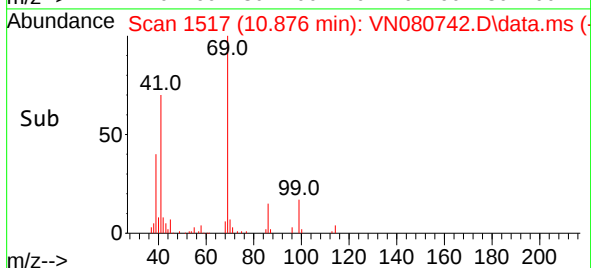
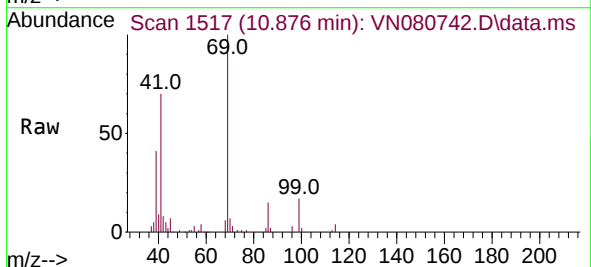
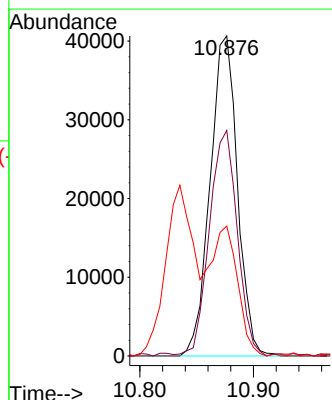
Tgt Ion: 69 Resp: 68112

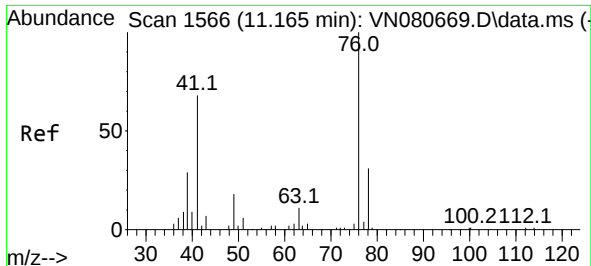
Ion Ratio Lower Upper

69 100

41 69.9 25.5 76.5

39 40.1 16.0 47.9





#52

1,3-Dichloropropane

Concen: 18.641 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

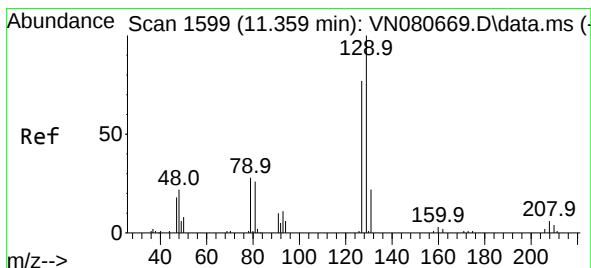
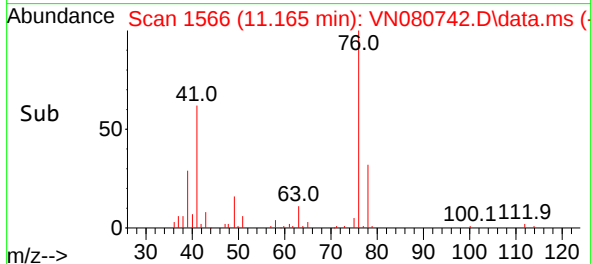
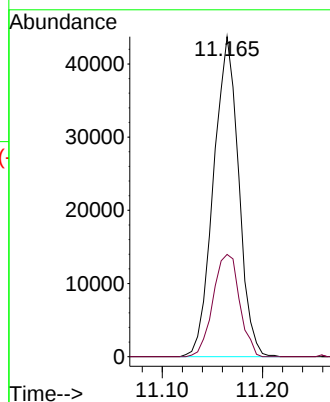
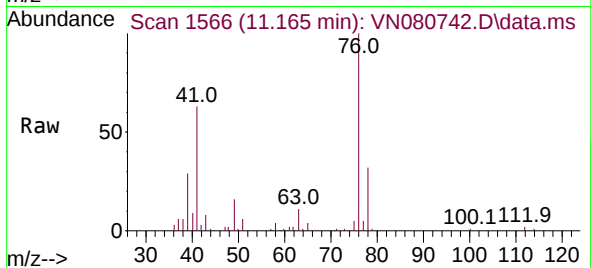
ClientSampleId :

Tgt Ion: 76 Resp: 76164

Ion Ratio Lower Upper

76 100

78 33.7 0.0 65.8



#53

Dibromochloromethane

Concen: 18.154 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080742.D

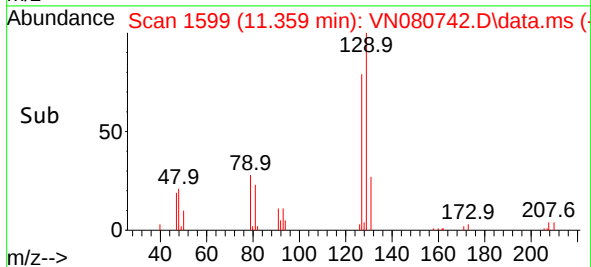
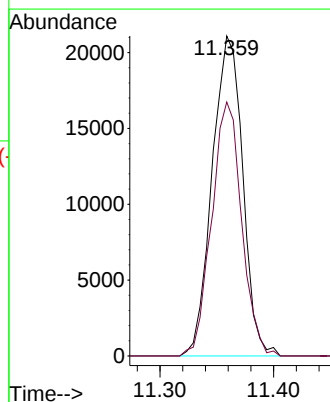
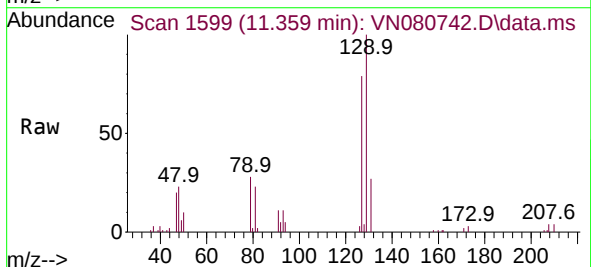
Acq: 22 Jan 2024 17:46

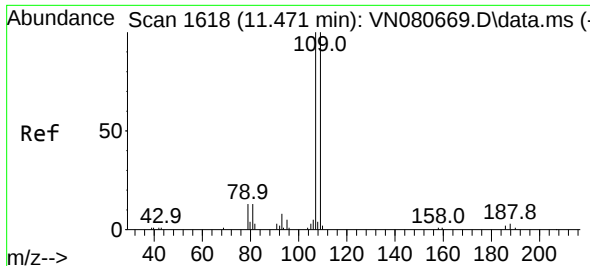
Tgt Ion:129 Resp: 39428

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1

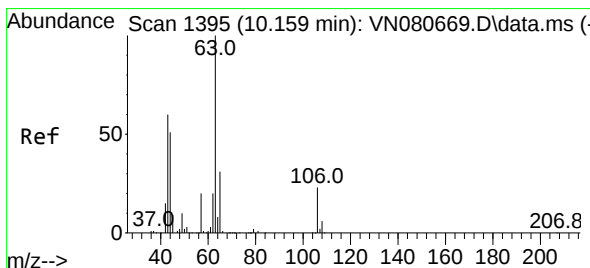
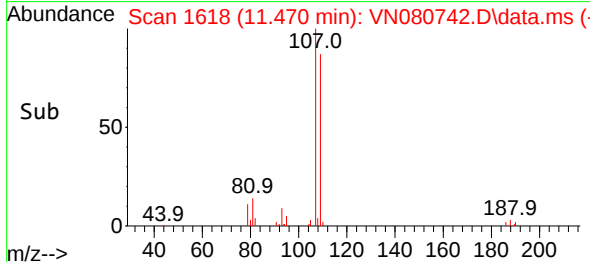
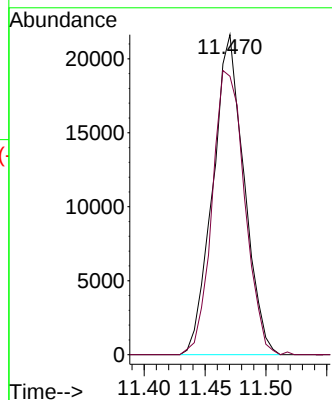
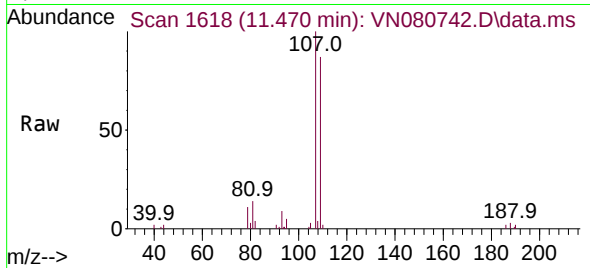




#54
1,2-Dibromoethane
Concen: 18.175 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

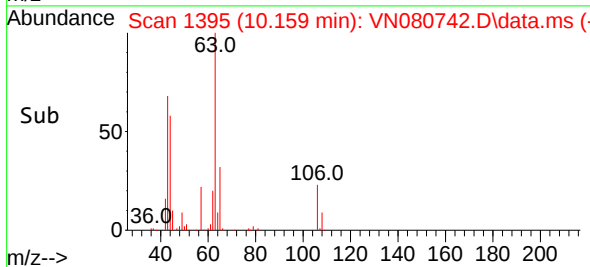
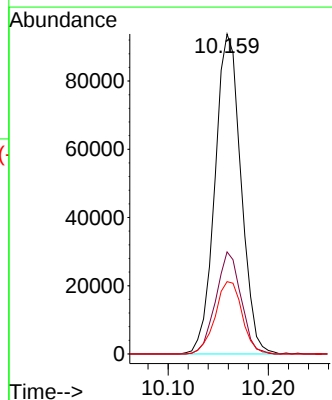
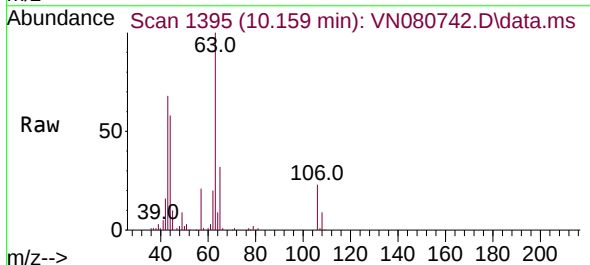
Instrument :
MSVOA_N
ClientSampleId :

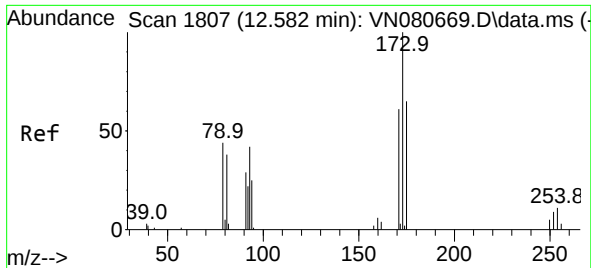
Tgt Ion:107 Resp: 38774
Ion Ratio Lower Upper
107 100
109 91.7 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 87.684 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 63 Resp: 169089
Ion Ratio Lower Upper
63 100
65 30.8 26.2 39.2
106 23.4 23.8 35.8#

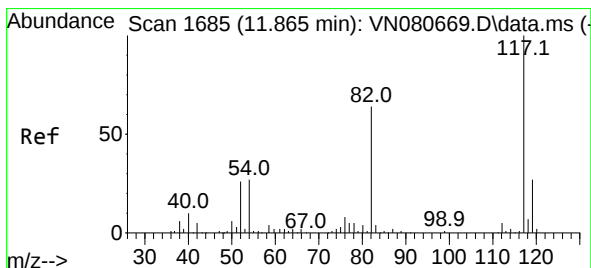
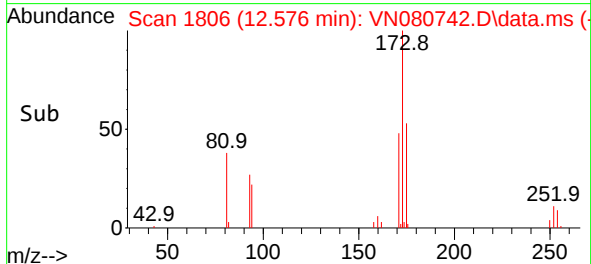
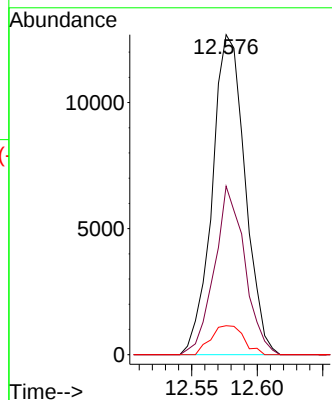
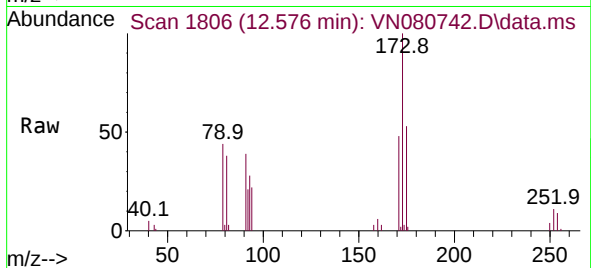




#56
Bromoform
Concen: 17.257 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

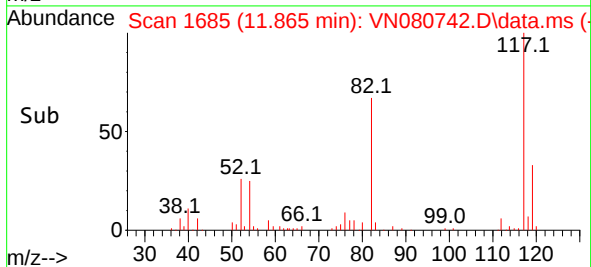
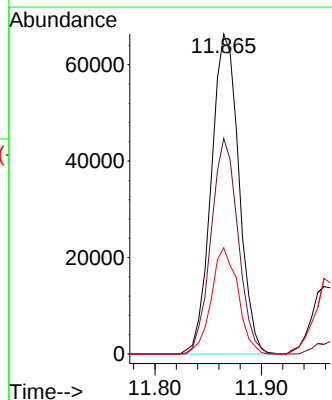
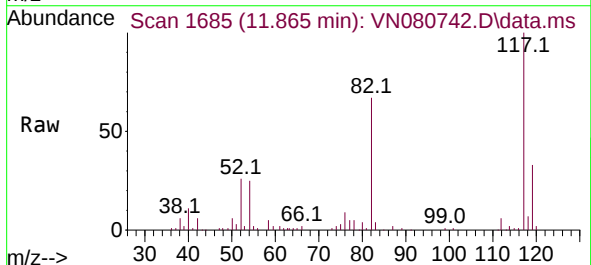
Instrument :
MSVOA_N
ClientSampleId :

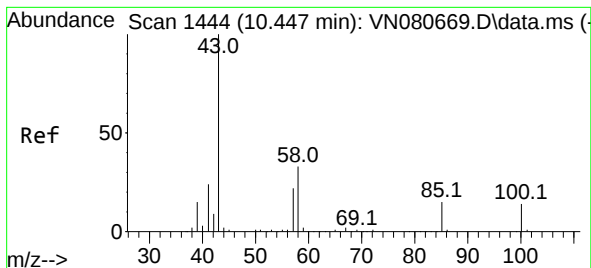
Tgt Ion:173 Resp: 22140
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 9.1 8.3 12.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:117 Resp: 119316
Ion Ratio Lower Upper
117 100
82 65.8 46.6 69.8
119 32.1 25.4 38.2

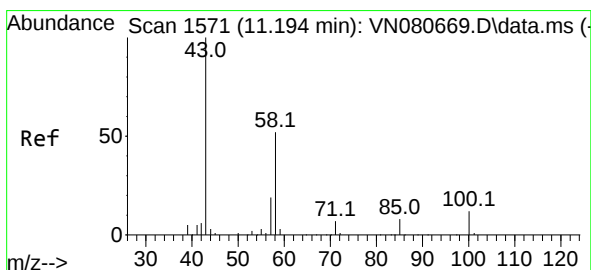
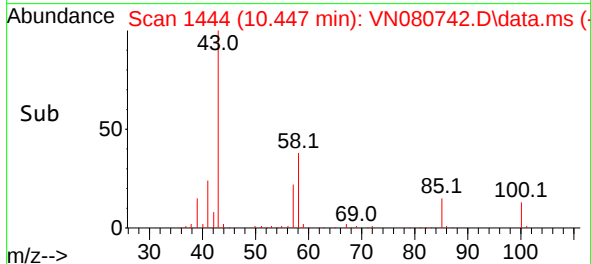
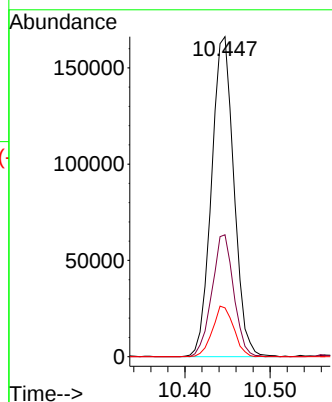
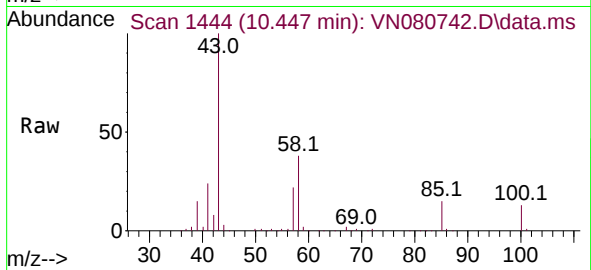




#58
4-Methyl-2-Pentanone
Concen: 96.856 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

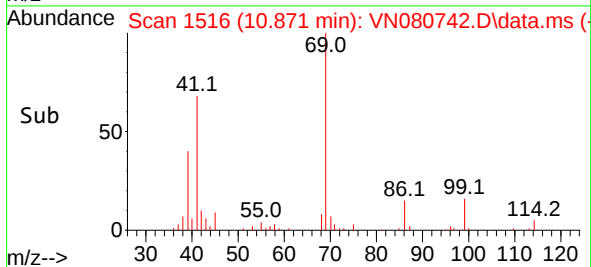
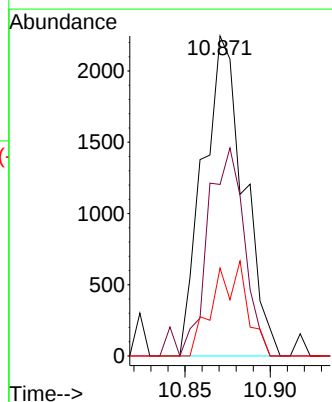
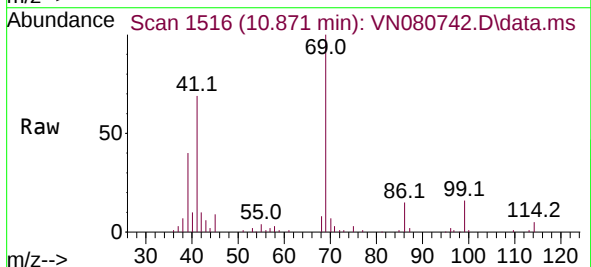
Instrument :
MSVOA_N
ClientSampleId :

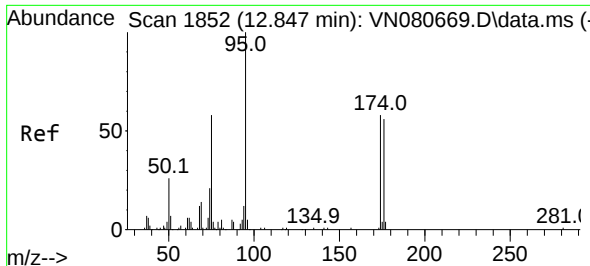
Tgt Ion: 43 Resp: 304005
Ion Ratio Lower Upper
43 100
58 37.1 36.5 54.7
85 15.0 19.5 29.3#



#59
2-Hexanone
Concen: 1.594 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.323 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
58 57.7 50.4 75.6
57 24.5 18.6 27.8

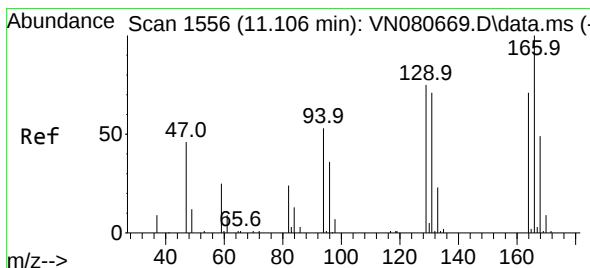
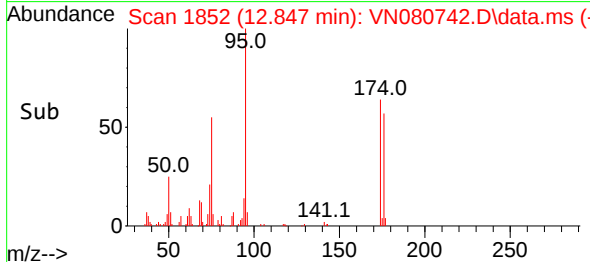
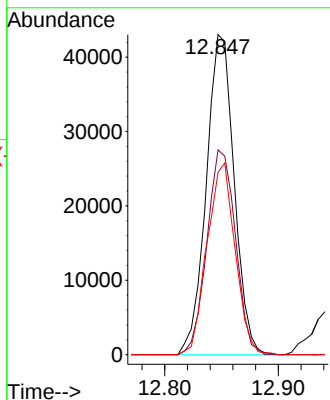
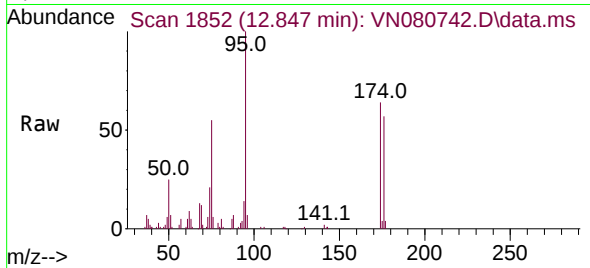




#60
4-Bromofluorobenzene
Concen: 27.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

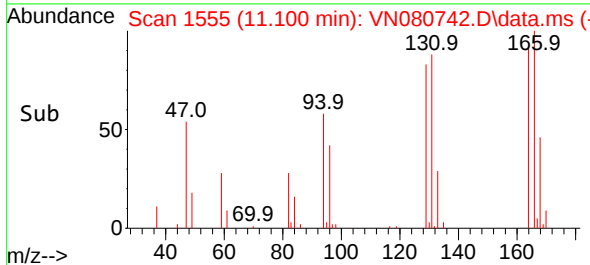
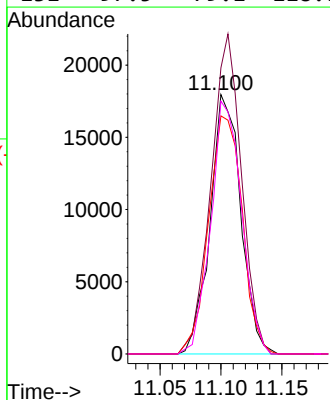
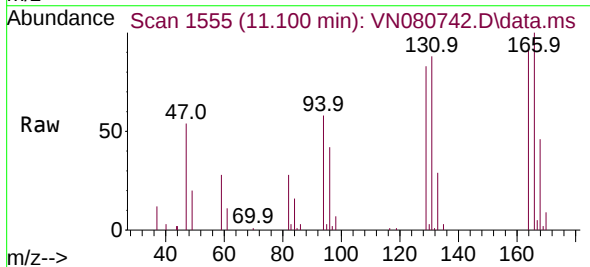
Instrument :
MSVOA_N
ClientSampleId :

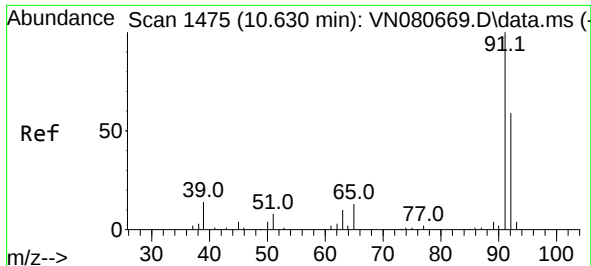
Tgt Ion: 95 Resp: 73555
Ion Ratio Lower Upper
95 100
174 65.3 60.5 90.7
176 60.2 57.8 86.6



#61
Tetrachloroethene
Concen: 19.826 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:164 Resp: 31490
Ion Ratio Lower Upper
164 100
166 110.3 106.7 160.1
129 91.8 85.8 128.6
131 97.5 79.1 118.7

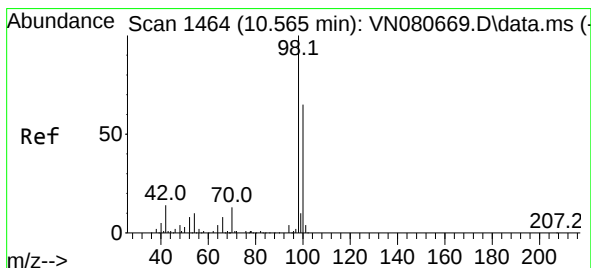
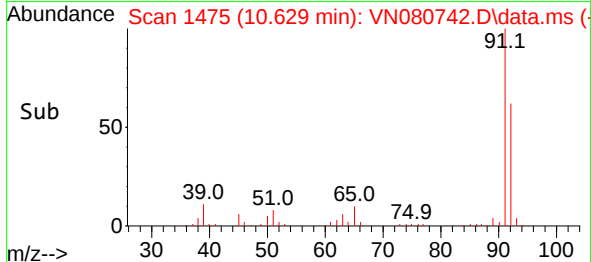
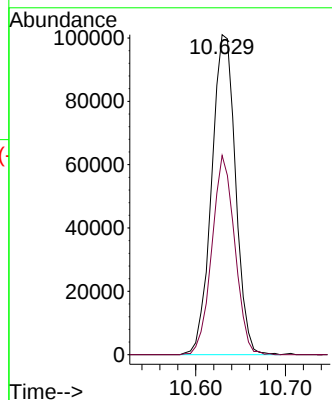
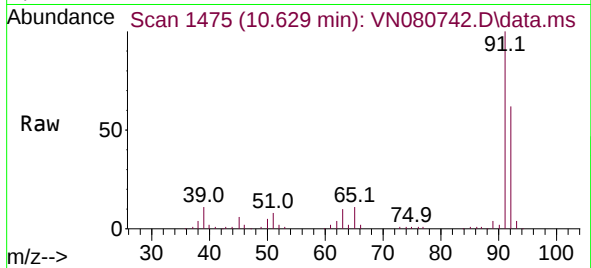




#62
Toluene
Concen: 19.484 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

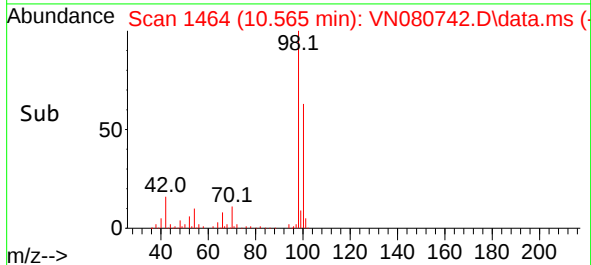
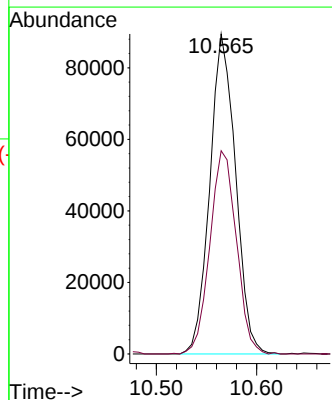
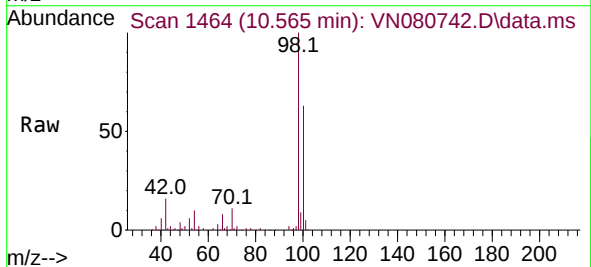
Instrument :
MSVOA_N
ClientSampleId :

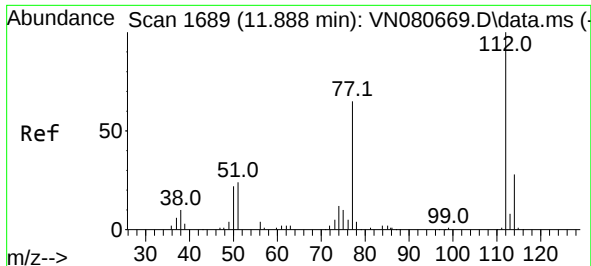
Tgt Ion: 91 Resp: 186984
Ion Ratio Lower Upper
91 100
92 59.6 46.5 69.7



#63
Toluene-d8
Concen: 30.478 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 98 Resp: 159594
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

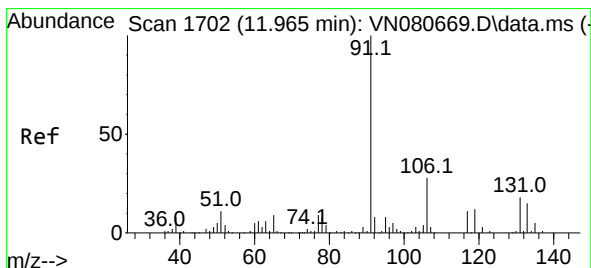
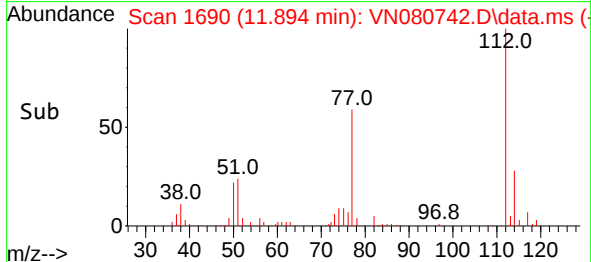
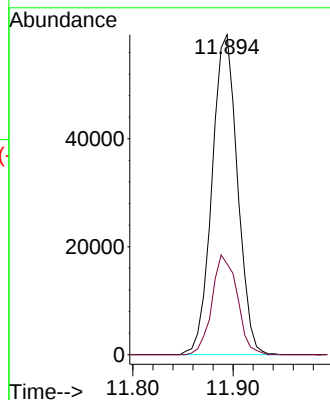
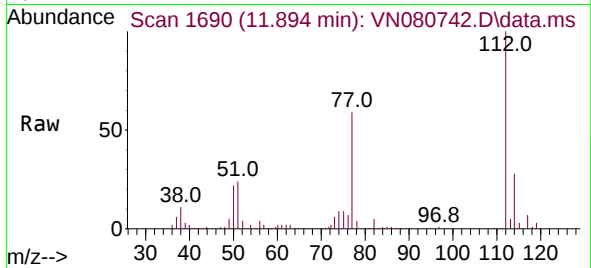




#64
Chlorobenzene
Concen: 19.618 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

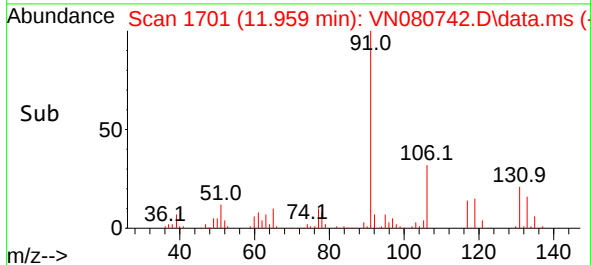
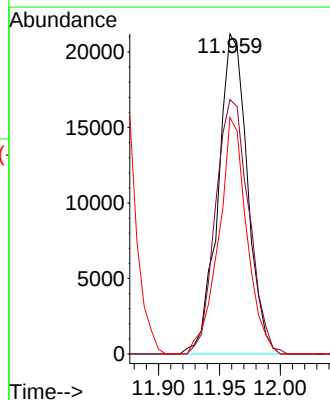
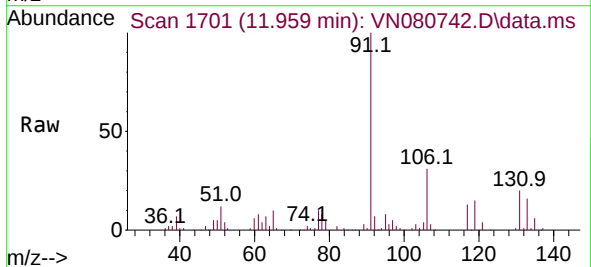
Instrument :
MSVOA_N
ClientSampleId :

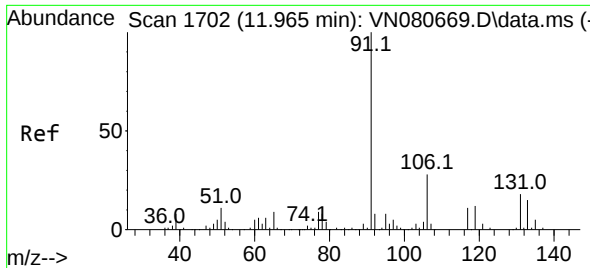
Tgt Ion:112 Resp: 104860
Ion Ratio Lower Upper
112 100
114 28.4 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 18.539 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:131 Resp: 35604
Ion Ratio Lower Upper
131 100
133 90.0 0.0 188.0
119 70.7 0.0 122.8

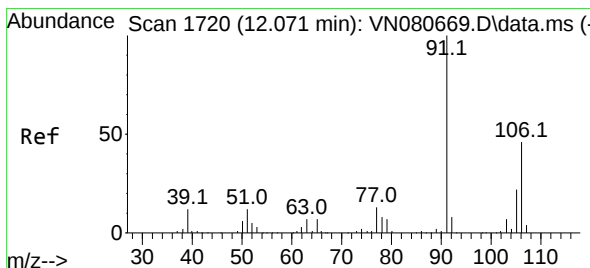
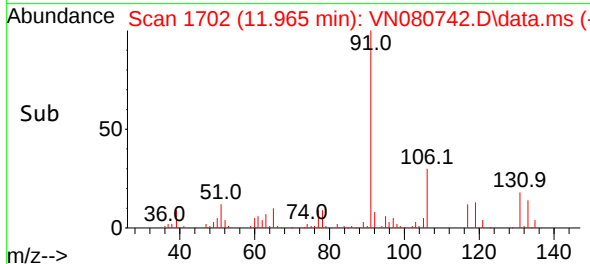
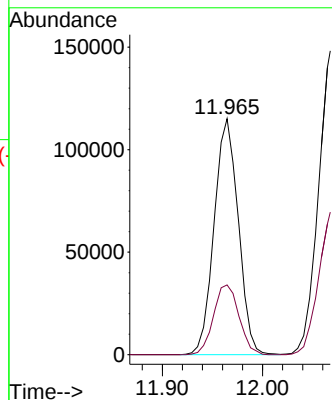
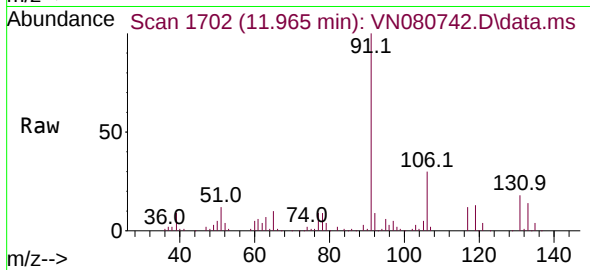




#66
Ethyl Benzene
Concen: 19.089 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

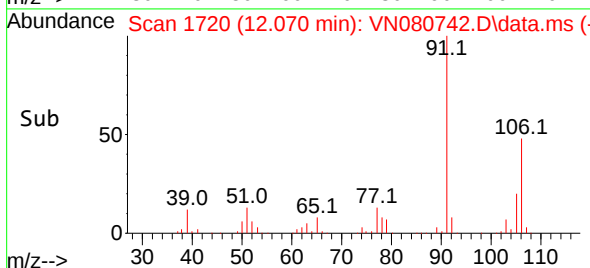
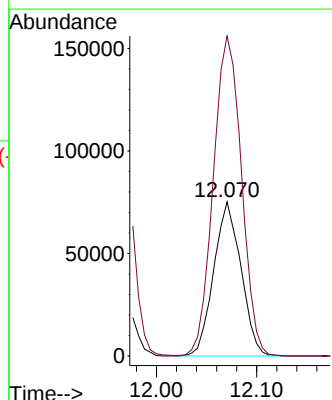
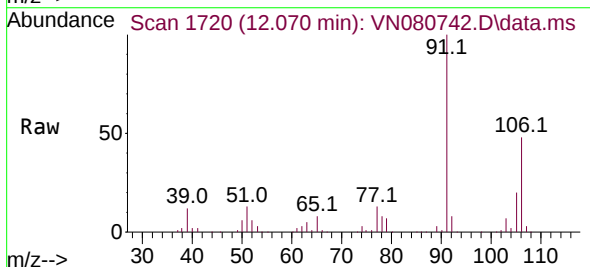
Instrument :
MSVOA_N
ClientSampleId :

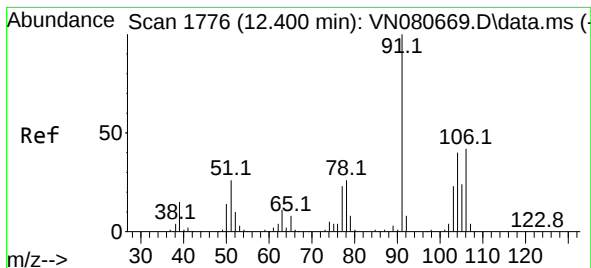
Tgt Ion: 91 Resp: 192680
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#67
m/p-Xylenes
Concen: 39.109 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:106 Resp: 141881
Ion Ratio Lower Upper
106 100
91 214.6 166.6 249.8





#68

o-Xylene

Concen: 19.133 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

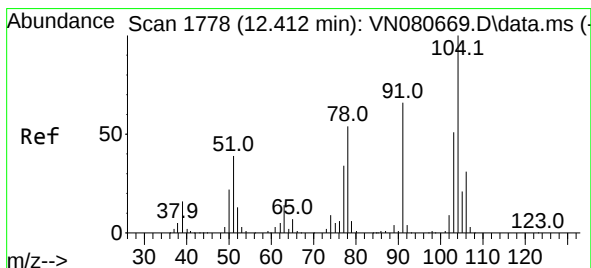
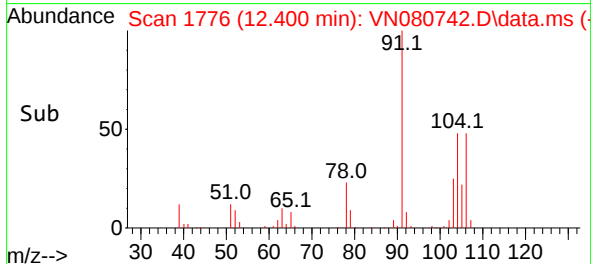
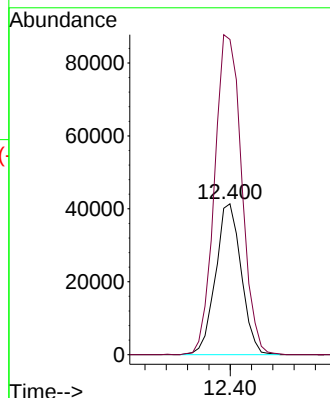
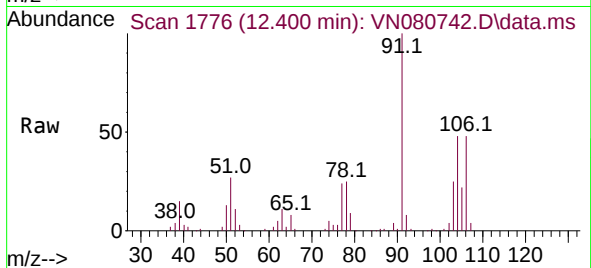
ClientSampleId :

Tgt Ion:106 Resp: 69225

Ion Ratio Lower Upper

106 100

91 223.6 110.0 330.0



#69

Styrene

Concen: 18.943 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

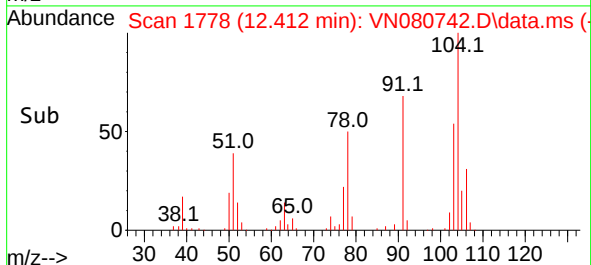
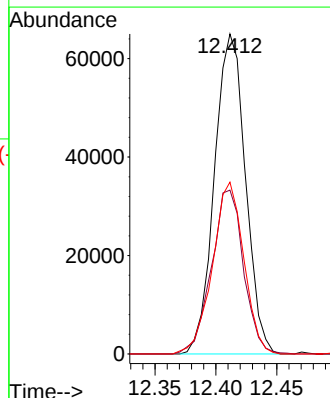
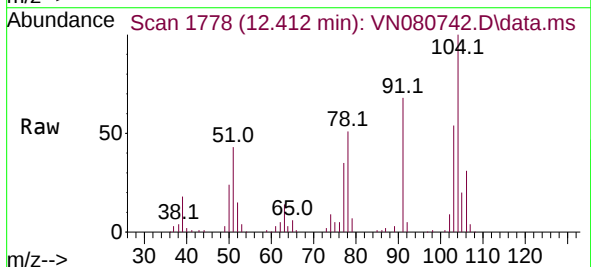
Tgt Ion:104 Resp: 115146

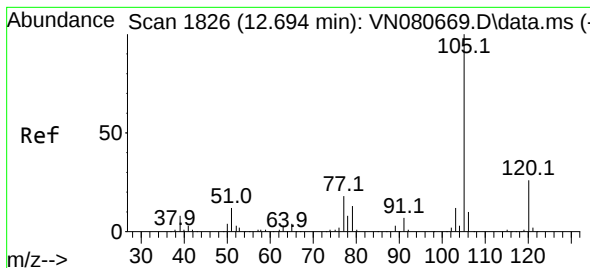
Ion Ratio Lower Upper

104 100

78 53.0 42.6 64.0

103 54.1 43.7 65.5





#70

Isopropylbenzene

Concen: 19.615 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

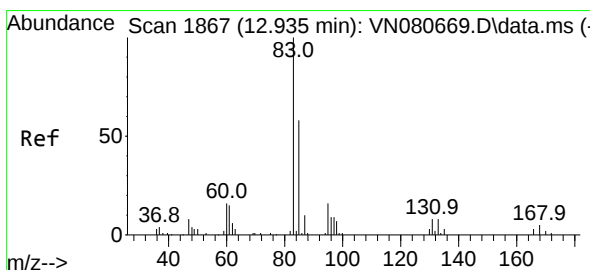
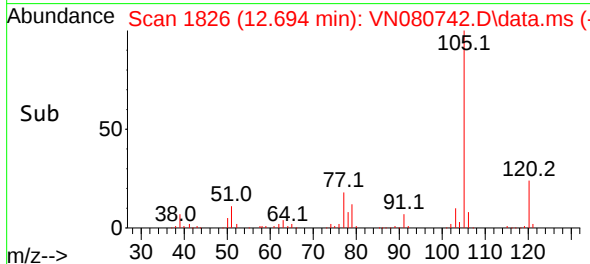
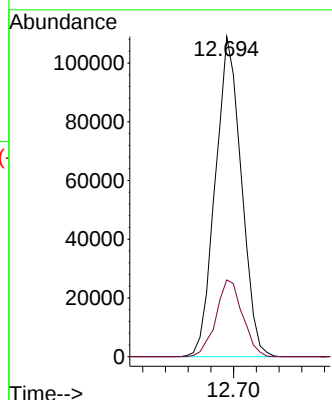
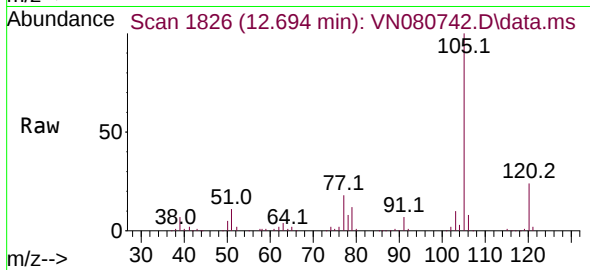
ClientSampleId :

Tgt Ion:105 Resp: 173444

Ion Ratio Lower Upper

105 100

120 24.4 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 19.136 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

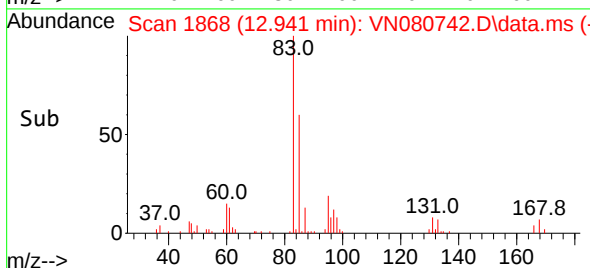
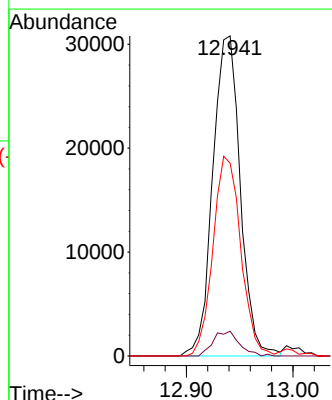
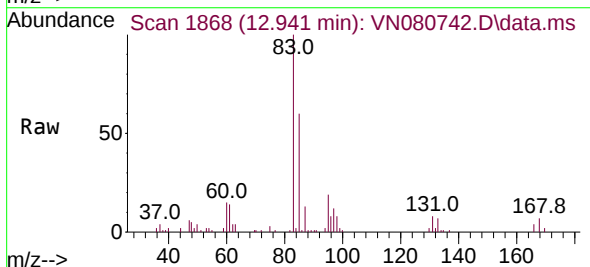
Tgt Ion: 83 Resp: 55233

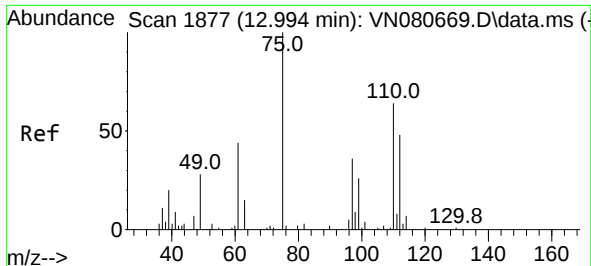
Ion Ratio Lower Upper

83 100

131 7.3 5.2 15.6

85 62.9 32.3 96.8

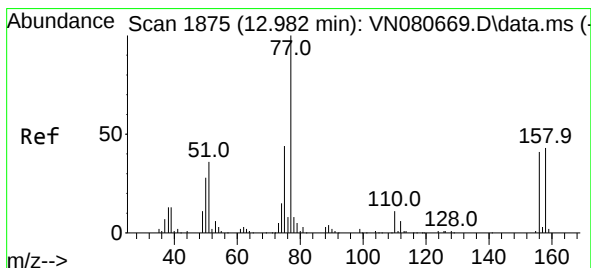
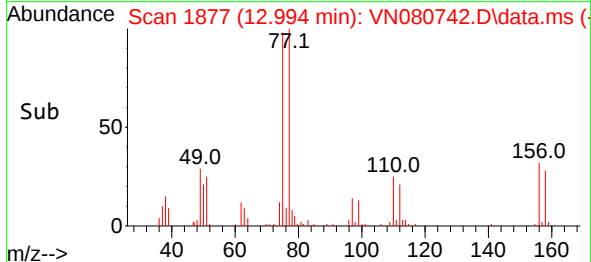
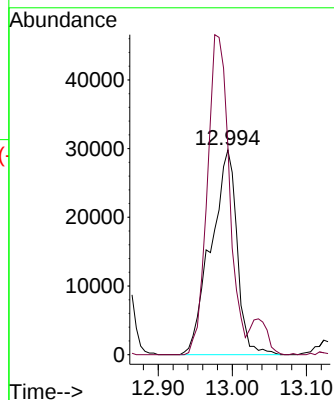
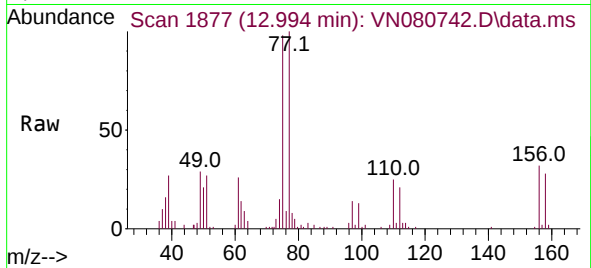




#72
1,2,3-Trichloropropane
Concen: 26.639 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

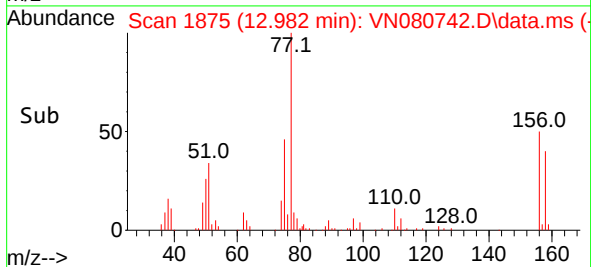
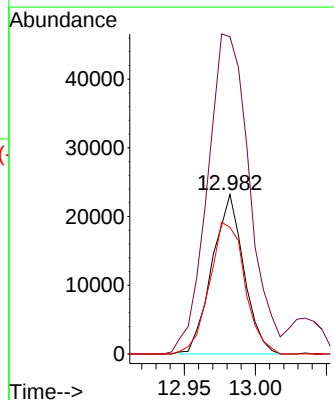
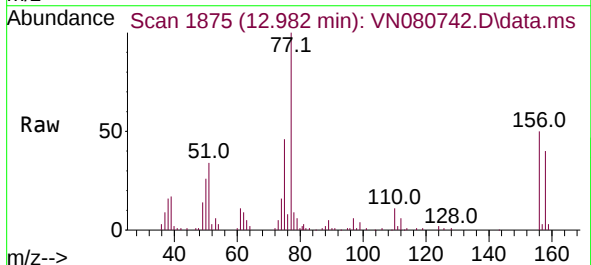
Instrument :
MSVOA_N
ClientSampleId :

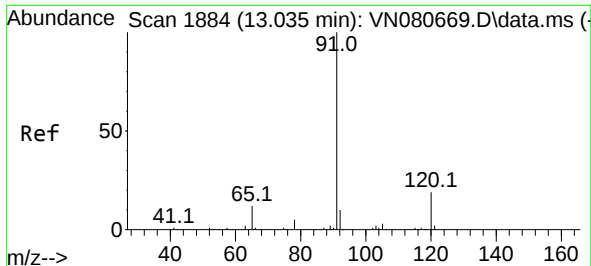
Tgt Ion: 75 Resp: 72871
Ion Ratio Lower Upper
75 100
77 131.2 0.0 367.6



#73
Bromobenzene
Concen: 19.008 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:156 Resp: 35826
Ion Ratio Lower Upper
156 100
77 266.9 0.0 437.6
158 92.4 0.0 203.8

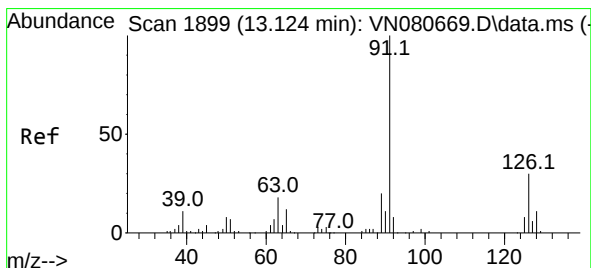
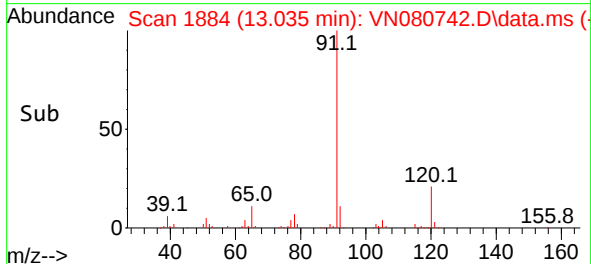
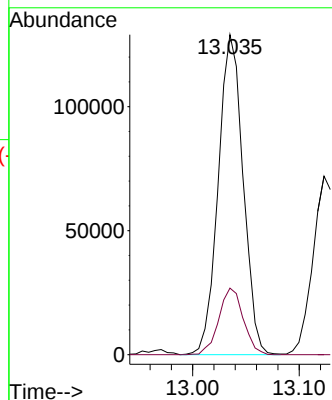
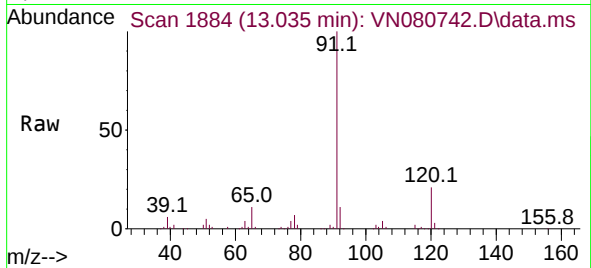




#74
n-propylbenzene
Concen: 19.606 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

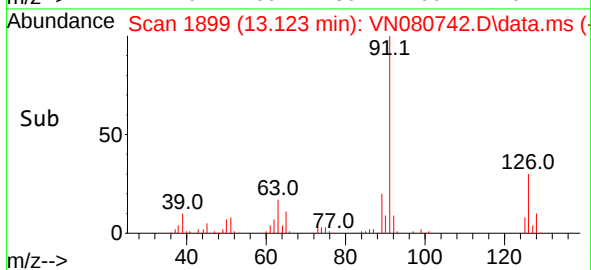
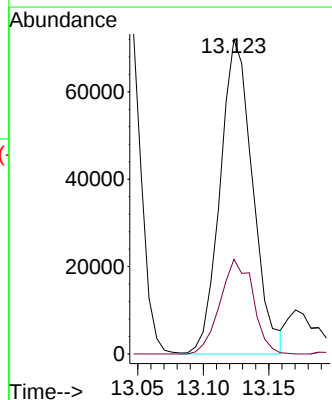
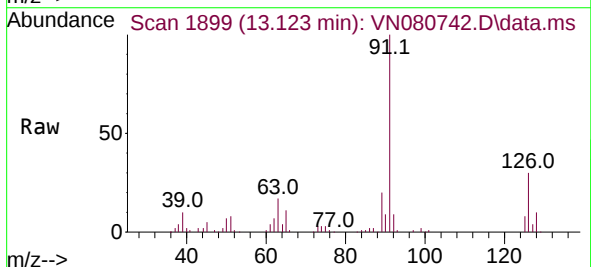
Instrument :
MSVOA_N
ClientSampleId :

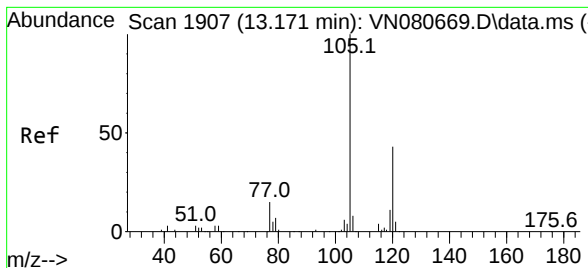
Tgt Ion: 91 Resp: 209085
Ion Ratio Lower Upper
91 100
120 20.5 0.0 43.8



#75
2-Chlorotoluene
Concen: 18.531 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 91 Resp: 124277
Ion Ratio Lower Upper
91 100
126 30.5 0.0 61.2

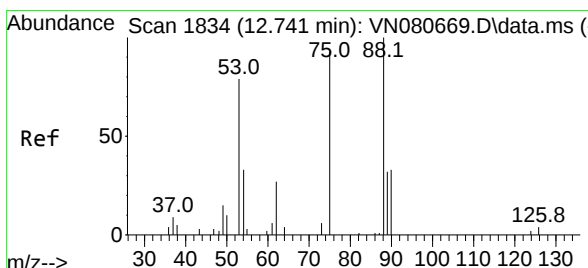
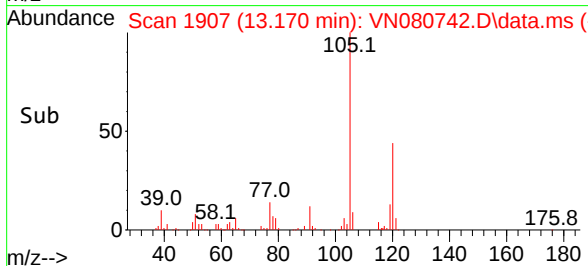
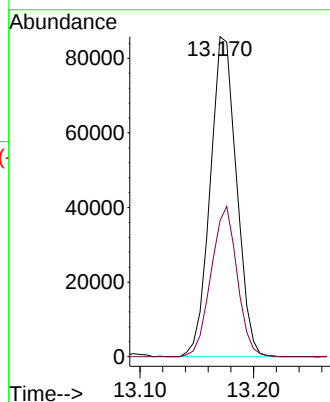
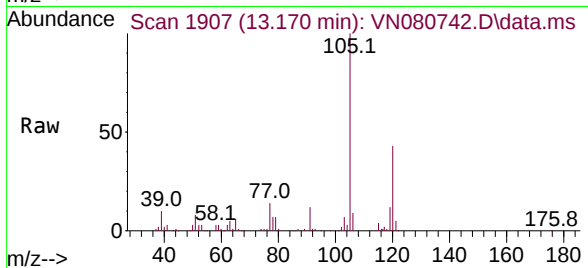




#76
 1,3,5-Trimethylbenzene
 Concen: 18.783 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

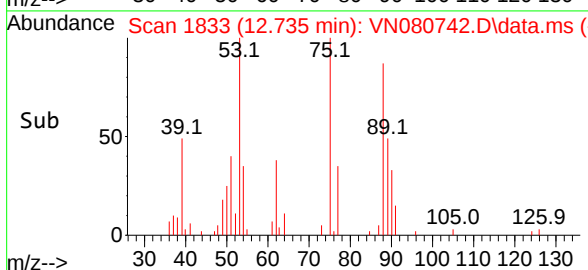
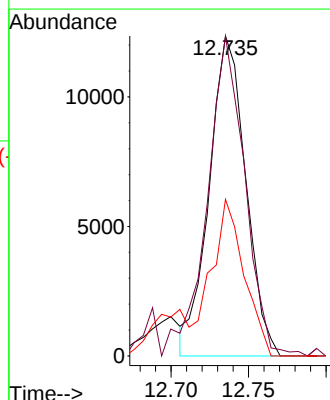
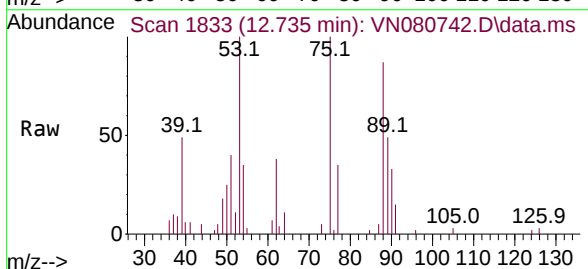
Instrument :
 MSVOA_N
 ClientSampleId :

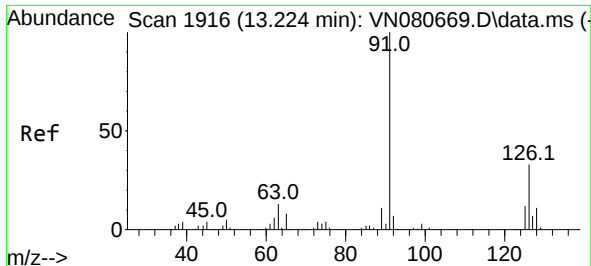
Tgt Ion:105 Resp: 138242
 Ion Ratio Lower Upper
 105 100
 120 46.5 0.0 95.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 18.013 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Tgt Ion: 75 Resp: 20200
 Ion Ratio Lower Upper
 75 100
 53 97.9 45.9 137.7
 89 49.0 25.9 77.7

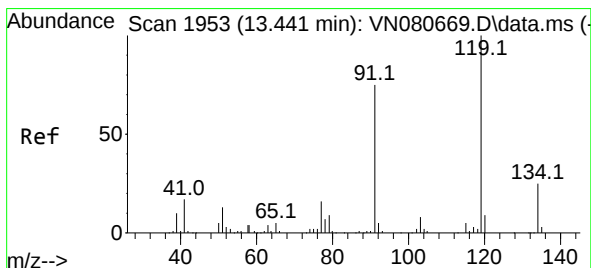
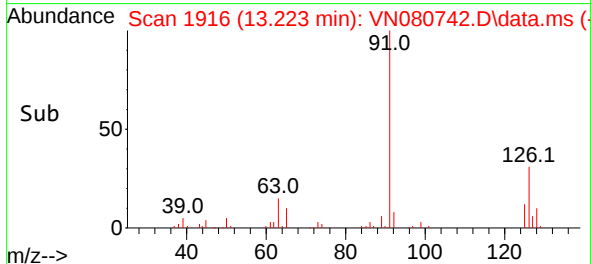
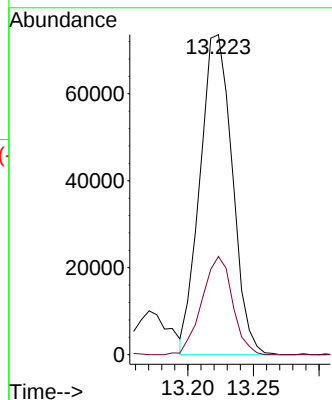
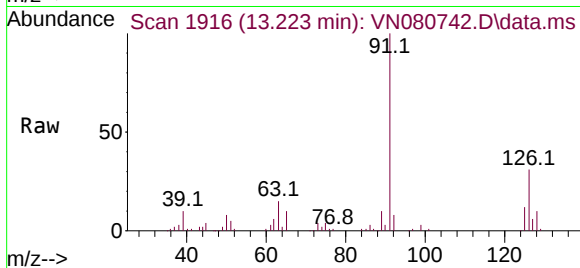




#78
4-Chlorotoluene
Concen: 18.835 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

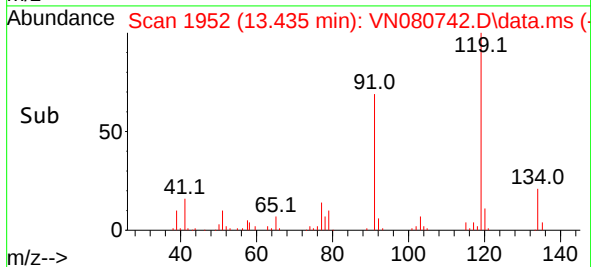
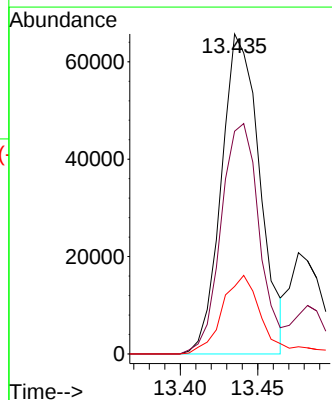
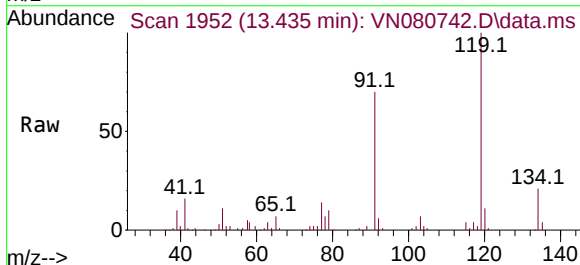
Instrument :
MSVOA_N
ClientSampleId :

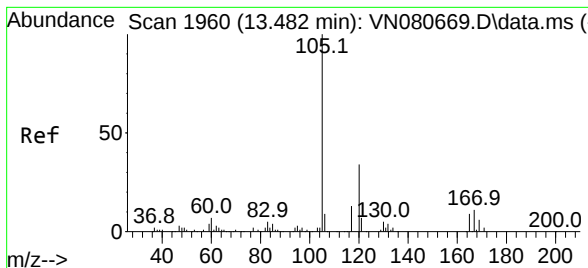
Tgt Ion: 91 Resp: 126267
Ion Ratio Lower Upper
91 100
126 28.7 0.0 62.8



#79
tert-butylbenzene
Concen: 19.749 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion: 119 Resp: 113453
Ion Ratio Lower Upper
119 100
91 71.5 0.0 138.8
134 24.2 0.0 48.6

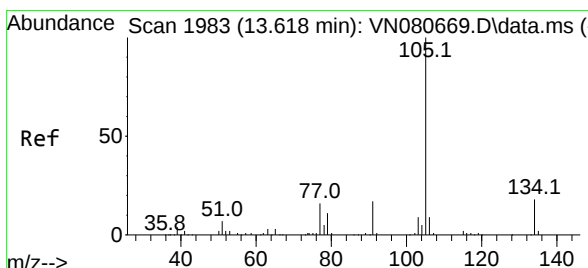
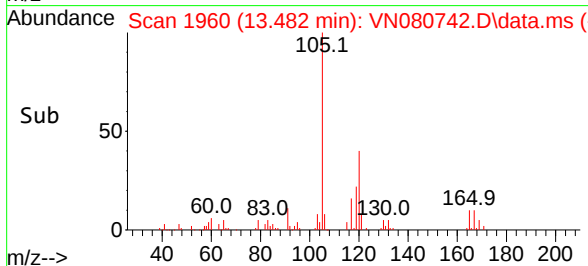
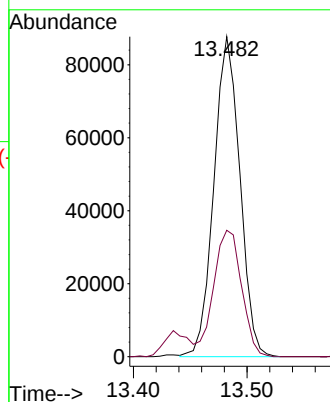
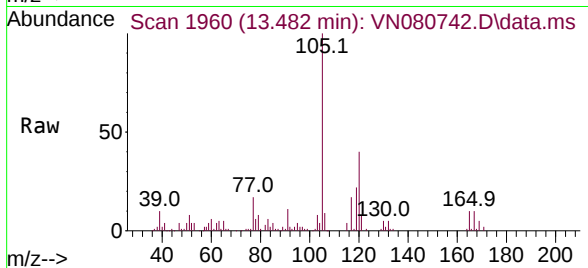




#80
1,2,4-Trimethylbenzene
Concen: 19.335 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

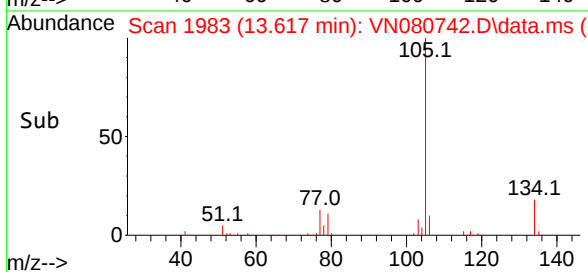
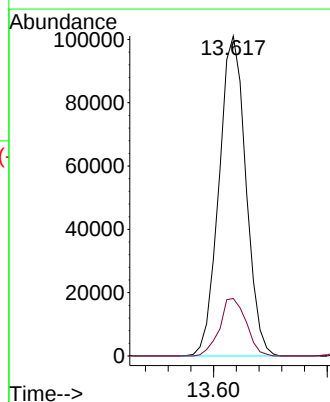
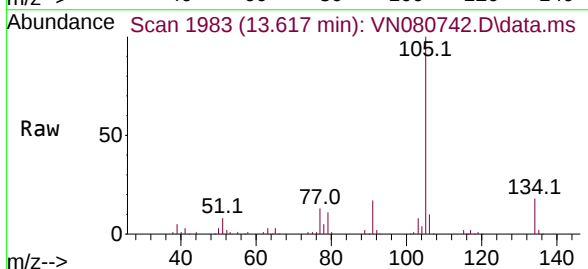
Instrument :
MSVOA_N
ClientSampleId :

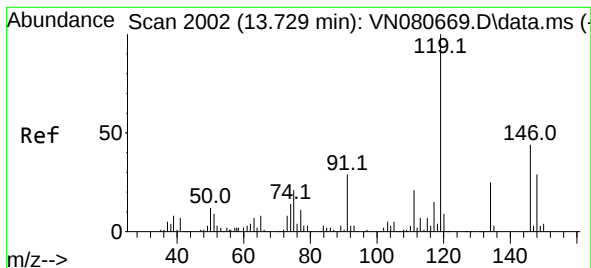
Tgt Ion:105 Resp: 139218
Ion Ratio Lower Upper
105 100
120 42.6 0.0 86.8



#81
sec-Butylbenzene
Concen: 19.633 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VN080742.D
Acq: 22 Jan 2024 17:46

Tgt Ion:105 Resp: 166034
Ion Ratio Lower Upper
105 100
134 17.8 0.0 39.0





#82

p-Isopropyltoluene

Concen: 20.026 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

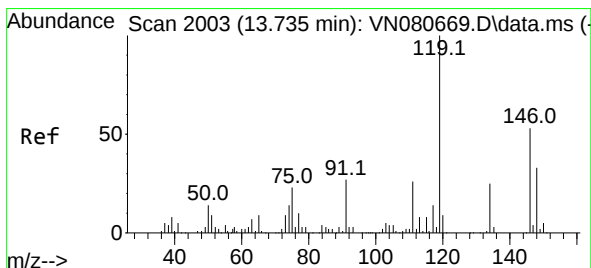
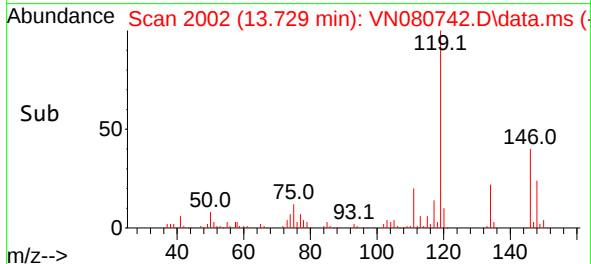
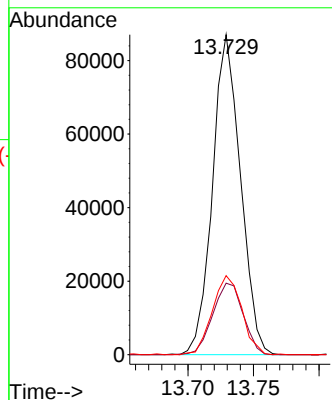
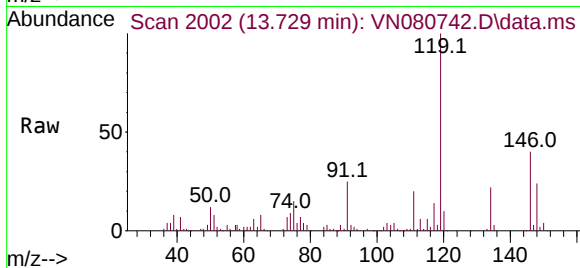
Tgt Ion:119 Resp: 129152

Ion Ratio Lower Upper

119 100

134 24.3 0.0 49.2

91 25.8 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 18.832 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

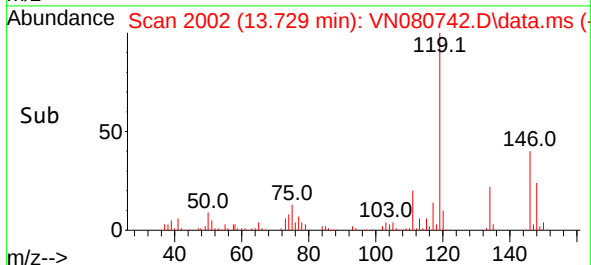
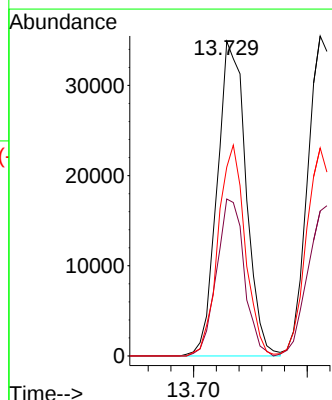
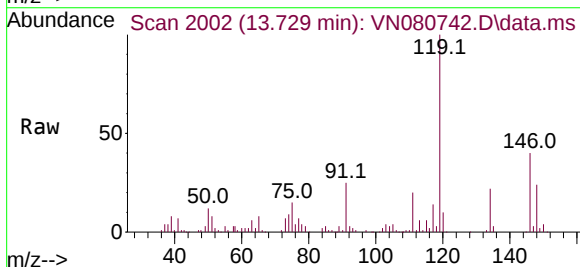
Tgt Ion:146 Resp: 61577

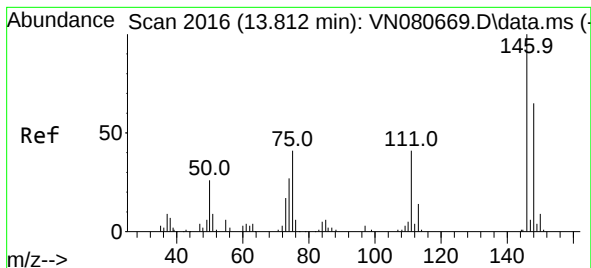
Ion Ratio Lower Upper

146 100

111 47.7 22.4 67.0

148 62.8 32.1 96.5





#84

1,4-Dichlorobenzene

Concen: 17.894 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

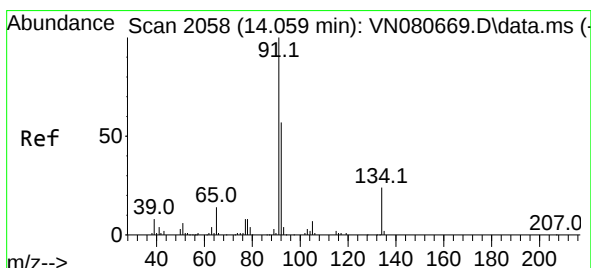
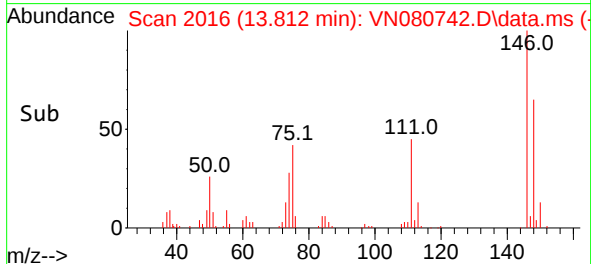
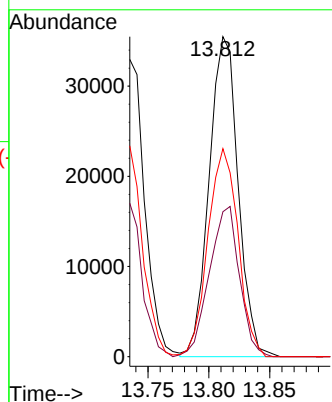
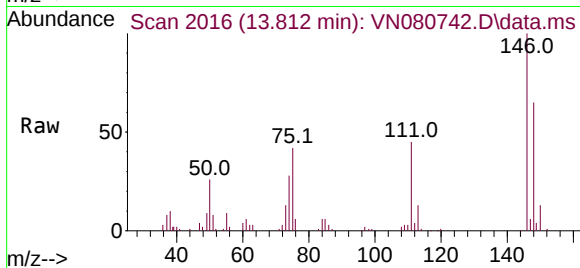
Tgt Ion:146 Resp: 58915

Ion Ratio Lower Upper

146 100

111 48.6 21.3 63.9

148 67.5 31.9 95.5



#85

n-Butylbenzene

Concen: 19.123 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

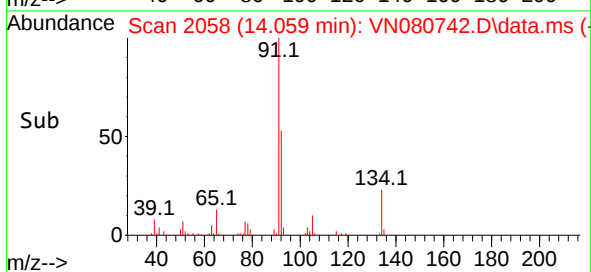
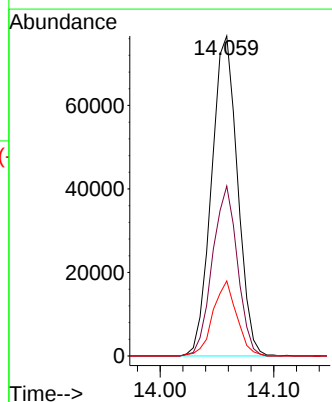
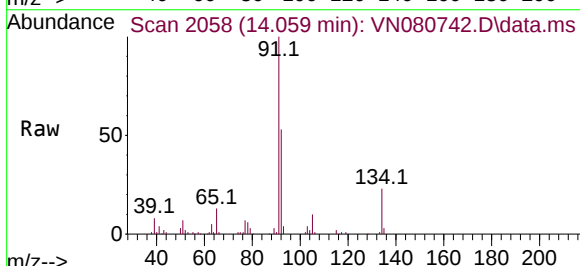
Tgt Ion: 91 Resp: 121851

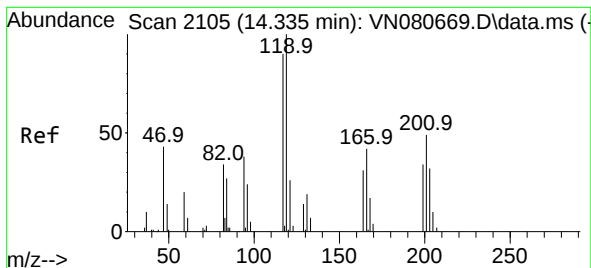
Ion Ratio Lower Upper

91 100

92 51.0 0.0 105.0

134 21.6 0.0 51.8





#86

Hexachloroethane

Concen: 18.019 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

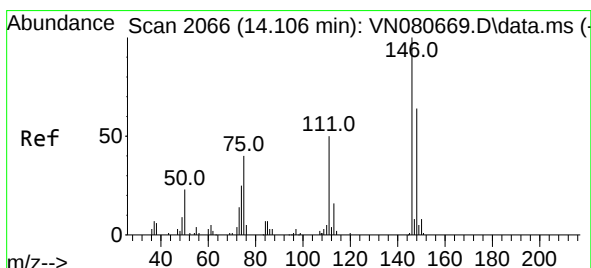
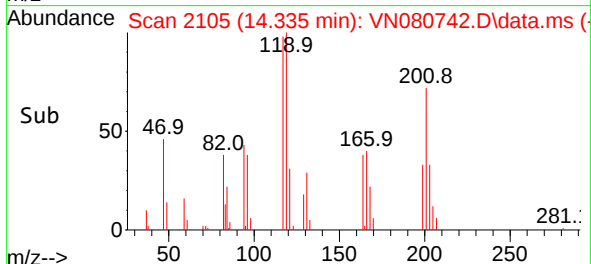
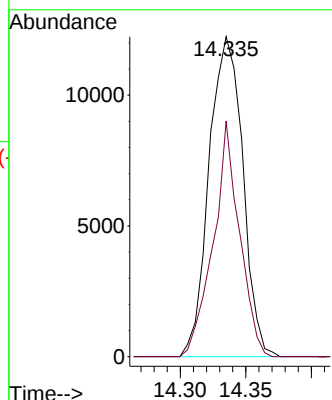
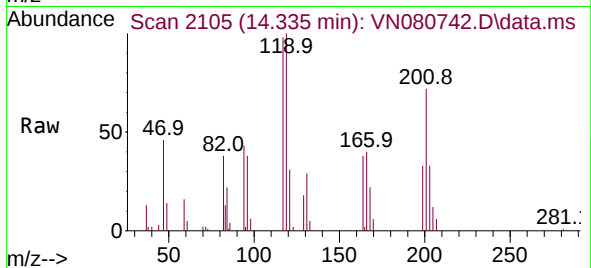
ClientSampleId :

Tgt Ion:117 Resp: 21853

Ion Ratio Lower Upper

117 100

201 57.3 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 18.489 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

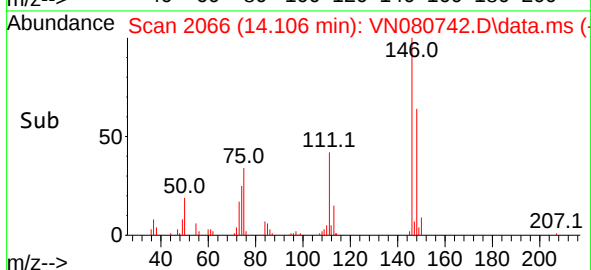
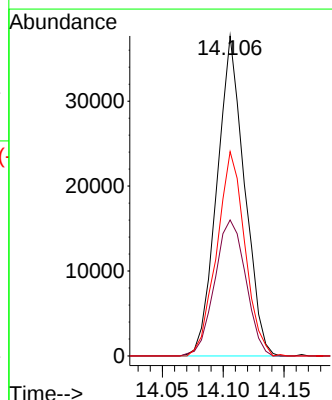
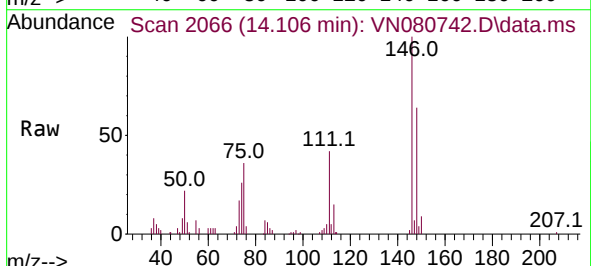
Tgt Ion:146 Resp: 59305

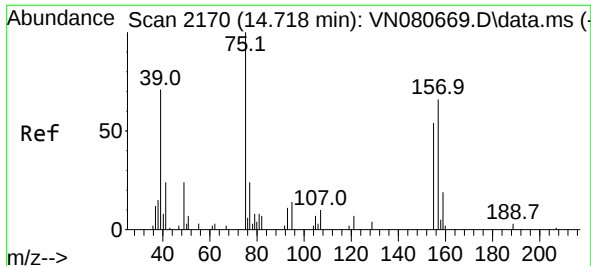
Ion Ratio Lower Upper

146 100

111 47.7 22.6 67.8

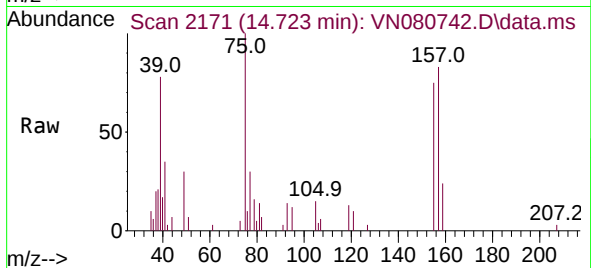
148 65.1 31.3 93.8



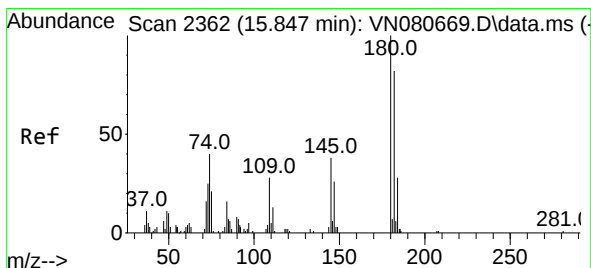
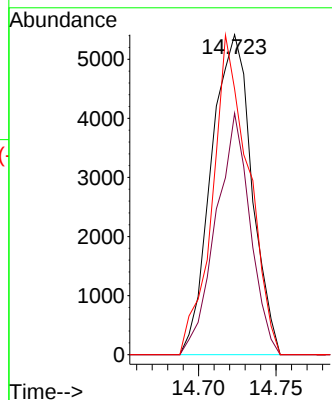
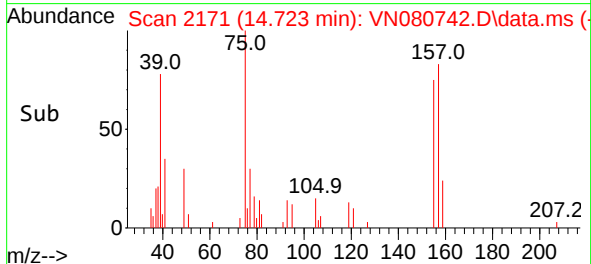


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.341 ug/l
 RT: 14.723 min Scan# 2170
 Delta R.T. 0.005 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Instrument :
 MSVOA_N
 ClientSampleId :

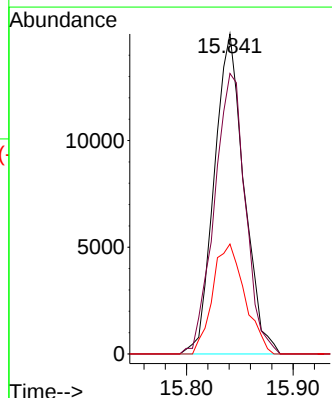
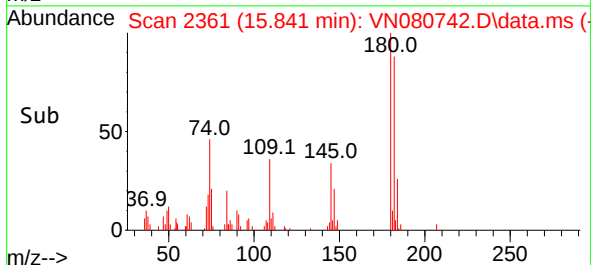
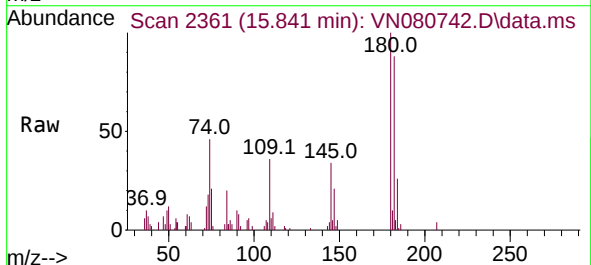


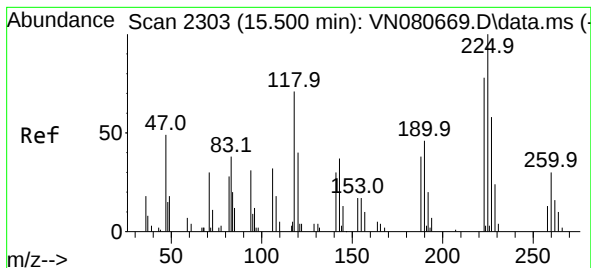
Tgt Ion: 75 Resp: 9820
 Ion Ratio Lower Upper
 75 100
 155 64.0 61.7 92.5
 157 88.9 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 18.076 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Tgt Ion: 180 Resp: 29081
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.4 114.6
 145 37.1 28.4 42.6





#90

Hexachlorobutadiene

Concen: 18.694 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

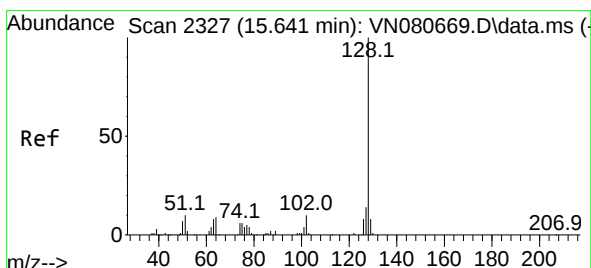
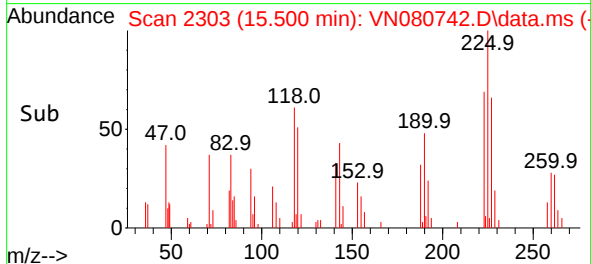
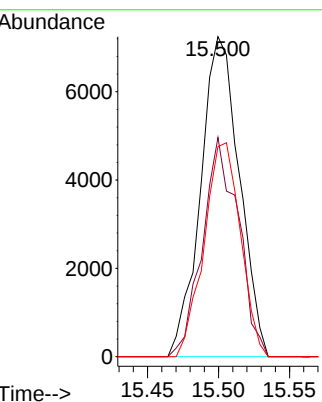
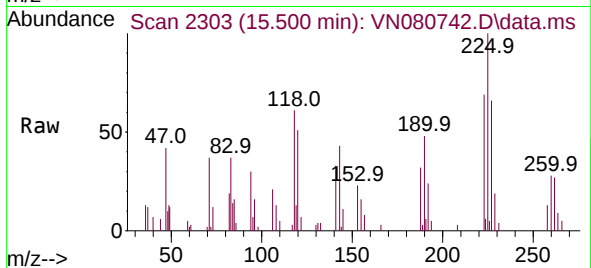
Tgt Ion:225 Resp: 13780

Ion Ratio Lower Upper

225 100

223 63.1 0.0 126.6

227 62.5 0.0 126.6



#91

Naphthalene

Concen: 17.919 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080742.D

Acq: 22 Jan 2024 17:46

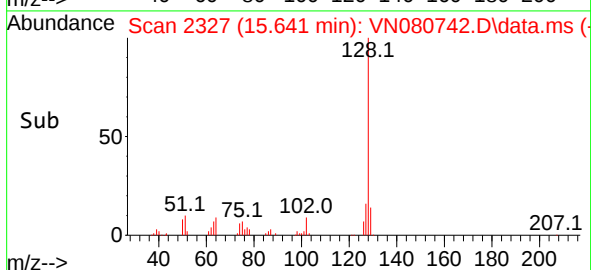
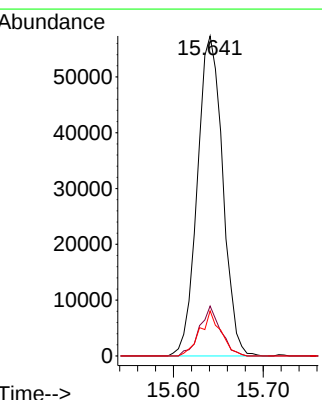
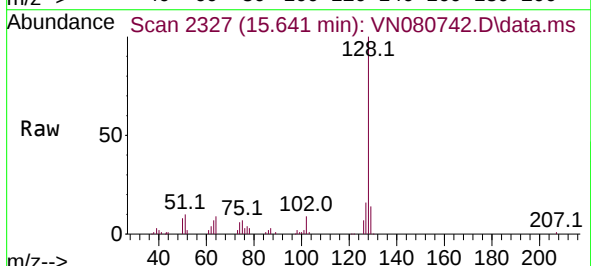
Tgt Ion:128 Resp: 112386

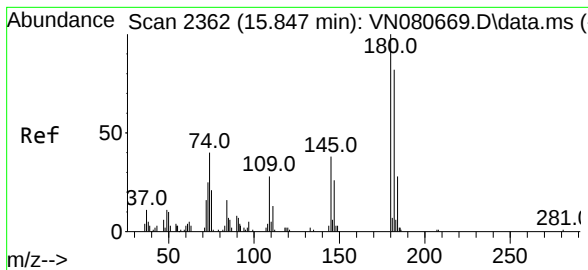
Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

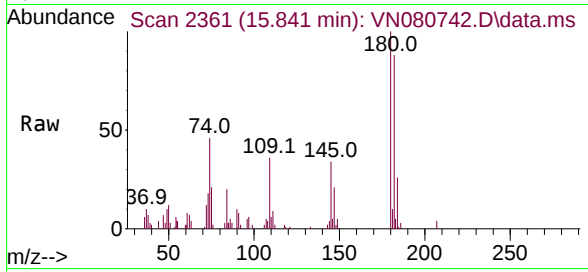
129 11.6 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 18.076 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080742.D
 Acq: 22 Jan 2024 17:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	29081
Ion Ratio	Lower	Upper	
180	100		
182	91.5	0.0	191.0
145	37.1	0.0	71.0

