

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080402.D
 Acq On : 08 Dec 2023 13:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 08 22:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172308	52.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	8.165	113	127972	56.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.960%	
50) Toluene-d8	10.571	98	422463	51.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.847	95	168244	54.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	137616	46.158	ug/l	99
3) Chloromethane	2.365	50	100584	44.873	ug/l	100
4) Vinyl Chloride	2.512	62	107785	45.438	ug/l	99
5) Bromomethane	2.953	94	78801	48.934	ug/l	96
6) Chloroethane	3.118	64	75213	51.375	ug/l	97
7) Trichlorofluoromethane	3.501	101	247251	49.966	ug/l	98
8) Diethyl Ether	3.959	74	79445	55.204	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	111596	49.340	ug/l	94
10) Methyl Iodide	4.589	142	146674	60.006	ug/l #	86
11) Tert butyl alcohol	5.506	59	103284	284.191	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108862	51.460	ug/l	89
13) Acrolein	4.177	56	108094	336.080	ug/l	99
14) Allyl chloride	5.024	41	133698	50.233	ug/l	94
15) Acrylonitrile	5.718	53	266793	273.453	ug/l	99
16) Acetone	4.418	43	231855	208.874	ug/l	94
17) Carbon Disulfide	4.712	76	281473	44.561	ug/l	99
18) Methyl Acetate	5.018	43	187977	52.706	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	443257	59.332	ug/l	98
20) Methylene Chloride	5.283	84	137098	58.978	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	124510	53.575	ug/l	85
22) Diisopropyl ether	6.665	45	332266	56.425	ug/l	98
23) Vinyl Acetate	6.600	43	947928	267.764	ug/l	95
24) 1,1-Dichloroethane	6.565	63	227040	52.937	ug/l	98
25) 2-Butanone	7.483	43	296715	224.982	ug/l	98
26) 2,2-Dichloropropane	7.488	77	218746	51.408	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	146798	55.713	ug/l	89
28) Bromochloromethane	7.812	49	84577	50.161	ug/l	97
29) Tetrahydrofuran	7.836	42	186290	263.103	ug/l	97
30) Chloroform	7.965	83	276356	57.649	ug/l	95
31) Cyclohexane	8.253	56	145797	40.566	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	252308	53.970	ug/l	97
36) 1,1-Dichloropropene	8.371	75	176052	53.672	ug/l	96
37) Ethyl Acetate	7.559	43	125411	55.120	ug/l	96
38) Carbon Tetrachloride	8.365	117	228866	54.982	ug/l	99
39) Methylcyclohexane	9.600	83	151298	47.837	ug/l	94
40) Benzene	8.606	78	516372	55.389	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	72073	57.682	ug/l	91
42) 1,2-Dichloroethane	8.671	62	228319	59.862	ug/l	96
43) Isopropyl Acetate	8.688	43	218515	49.353	ug/l	98
44) Trichloroethene	9.353	130	141556	57.886	ug/l	100
45) 1,2-Dichloropropane	9.624	63	123540	57.023	ug/l	95
46) Dibromomethane	9.712	93	101769	62.055	ug/l	91
47) Bromodichloromethane	9.888	83	224740	62.298	ug/l	98
48) Methyl methacrylate	9.682	41	130674	57.270	ug/l	93
49) 1,4-Dioxane	9.694	88	42050	1107.783	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	630662	275.127	ug/l	99
52) Toluene	10.635	92	338242	57.975	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	227033	61.254	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	233092	61.556	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	135244	60.735	ug/l	96
56) Ethyl methacrylate	10.876	69	142291	62.550	ug/l	94
57) 1,3-Dichloropropane	11.165	76	235709	60.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	319702	249.459	ug/l	99
59) 2-Hexanone	11.194	43	463020	251.374	ug/l	98
60) Dibromochloromethane	11.359	129	171980	64.510	ug/l	100
61) 1,2-Dibromoethane	11.471	107	137393	60.480	ug/l	99
64) Tetrachloroethene	11.106	164	142408	65.205	ug/l	97
65) Chlorobenzene	11.894	112	358043	55.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	154329	61.328	ug/l	93
67) Ethyl Benzene	11.965	91	638000	55.291	ug/l	98
68) m/p-Xylenes	12.076	106	476267	113.203	ug/l	88
69) o-Xylene	12.400	106	231970	58.505	ug/l	88
70) Styrene	12.412	104	360328	61.058	ug/l	94
71) Bromoform	12.576	173	118217	63.348	ug/l #	98
73) Isopropylbenzene	12.700	105	587683	52.430	ug/l	99
74) N-amyl acetate	12.494	43	171352	49.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	167452	49.914	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	238994	67.622	ug/l	73
77) Bromobenzene	12.982	156	159925	56.590	ug/l	92
78) n-propylbenzene	13.035	91	652808	52.082	ug/l	100
79) 2-Chlorotoluene	13.123	91	438800	53.901	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	522967	53.597	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	54623	52.217	ug/l #	86
82) 4-Chlorotoluene	13.223	91	450269	53.990	ug/l	97
83) tert-Butylbenzene	13.441	119	408873	52.254	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	533162	55.492	ug/l	99
85) sec-Butylbenzene	13.617	105	512154	51.741	ug/l	99
86) p-Isopropyltoluene	13.729	119	485510	54.907	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	270952	53.216	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	272885	53.331	ug/l	97
89) n-Butylbenzene	14.059	91	380434	51.403	ug/l	99
90) Hexachloroethane	14.335	117	85071	49.350	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	270567	55.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38593	49.527	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	142870	50.417	ug/l	96
94) Hexachlorobutadiene	15.506	225	76542	46.936	ug/l	98
95) Naphthalene	15.641	128	403037	49.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136935	51.554	ug/l	97

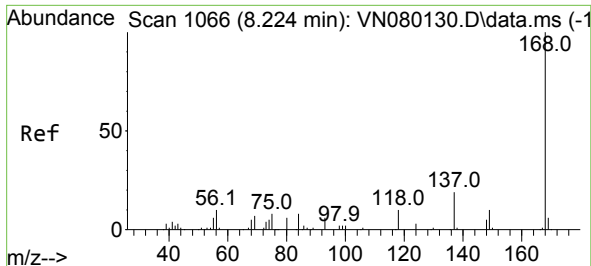
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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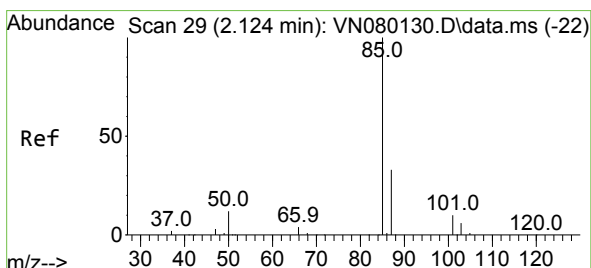
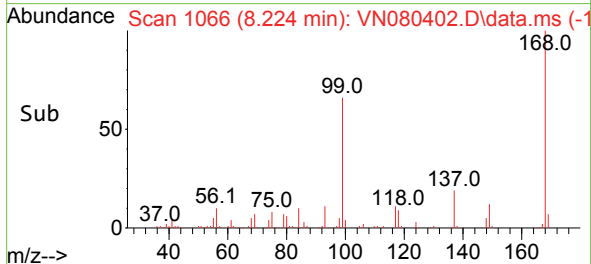
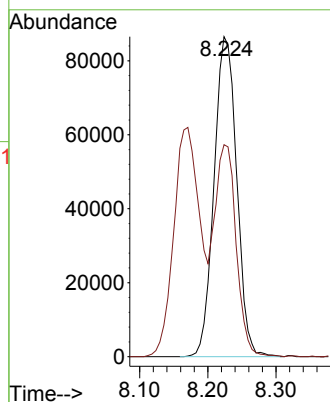
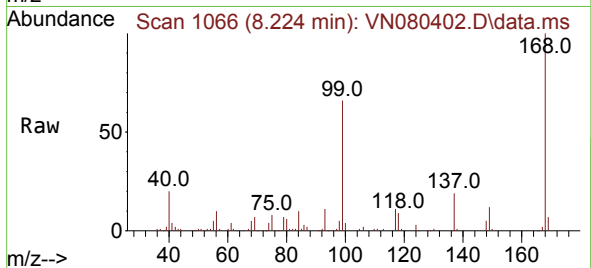
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

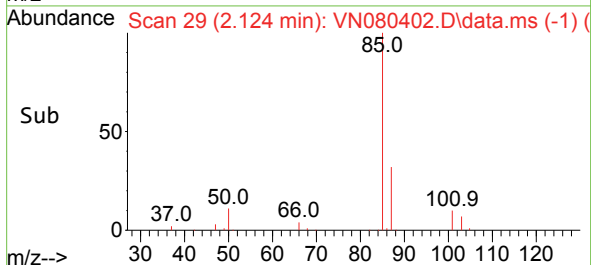
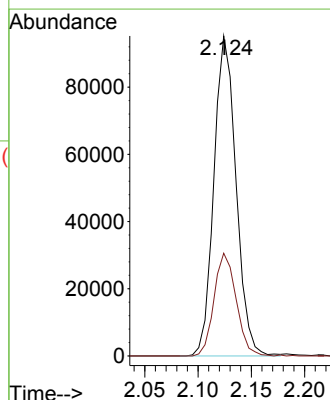
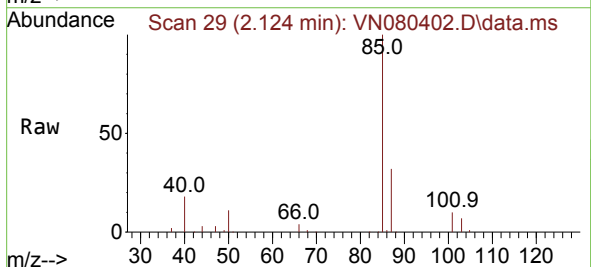
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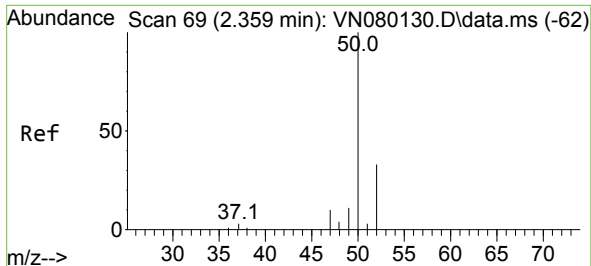
Tgt Ion:168 Resp: 200154
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 46.158 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 85 Resp: 137616
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4

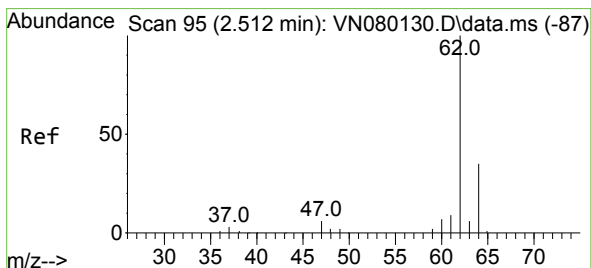
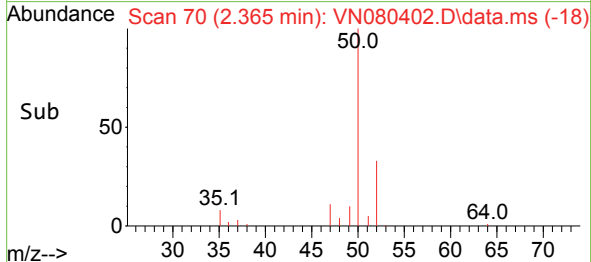
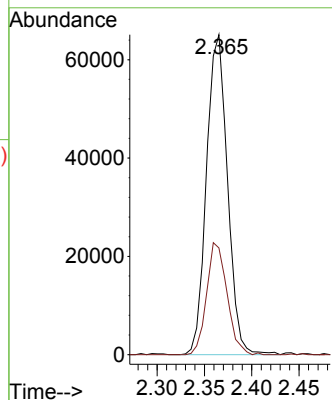
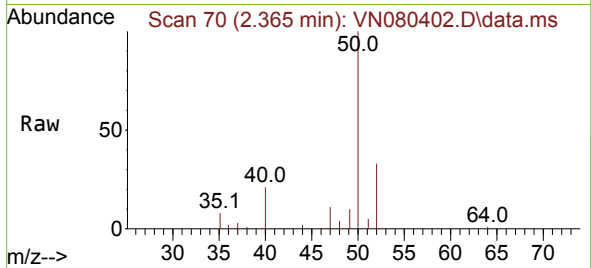




#3
Chloromethane
Concen: 44.873 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

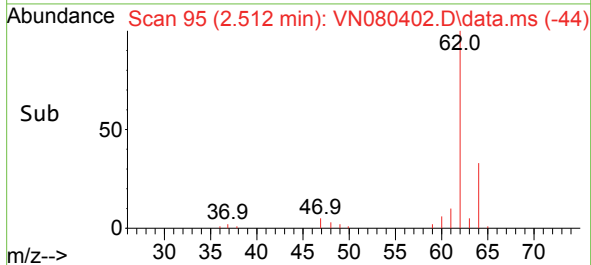
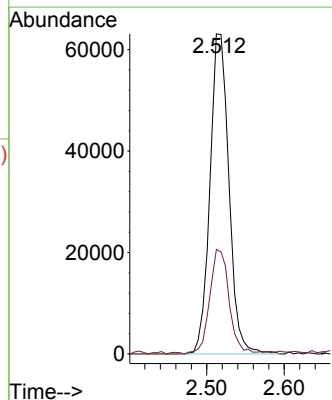
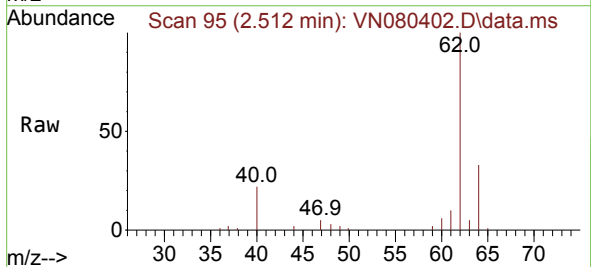
Instrument :
MSVOA_N
ClientSampleId :

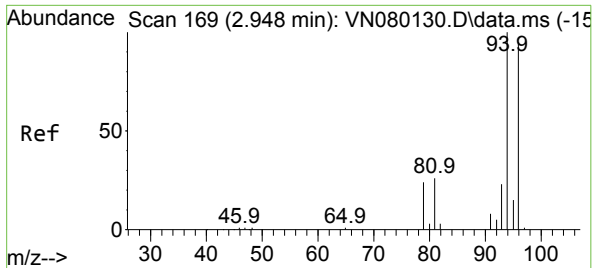
Tgt Ion: 50 Resp: 100584
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 45.438 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 62 Resp: 107785
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2

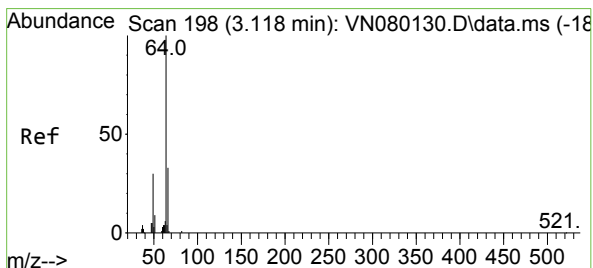
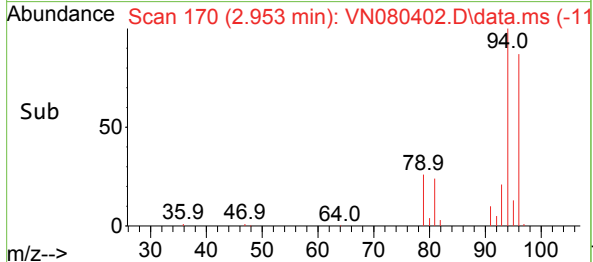
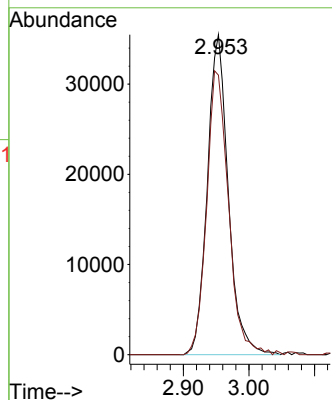
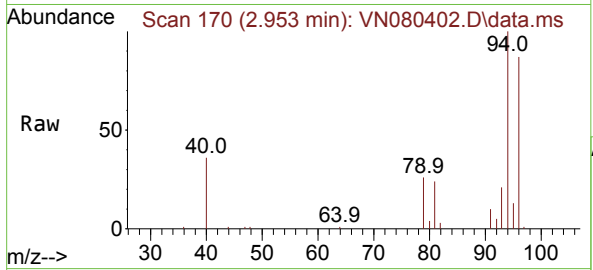




#5
Bromomethane
Concen: 48.934 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

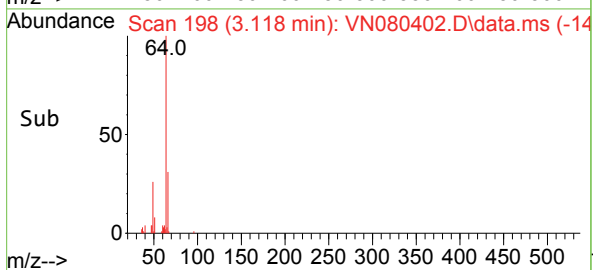
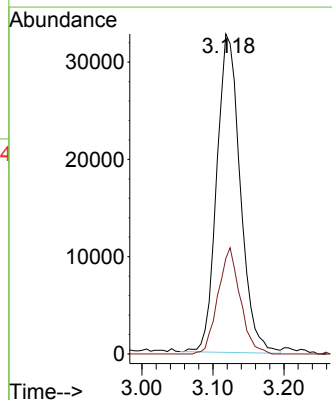
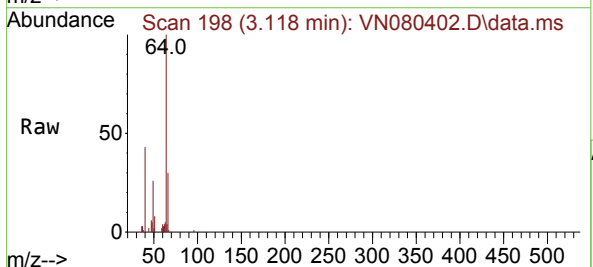
Instrument :
MSVOA_N
ClientSampleId :

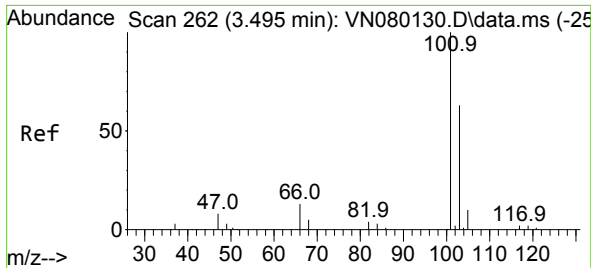
Tgt Ion: 94 Resp: 78801
Ion Ratio Lower Upper
94 100
96 87.4 73.1 109.7



#6
Chloroethane
Concen: 51.375 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 64 Resp: 75213
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2

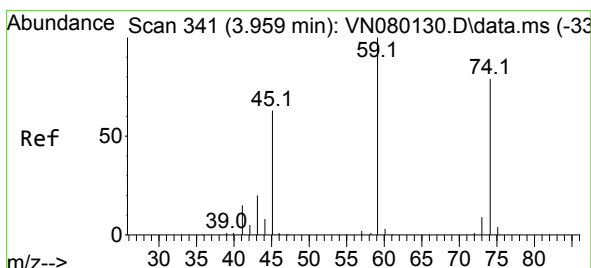
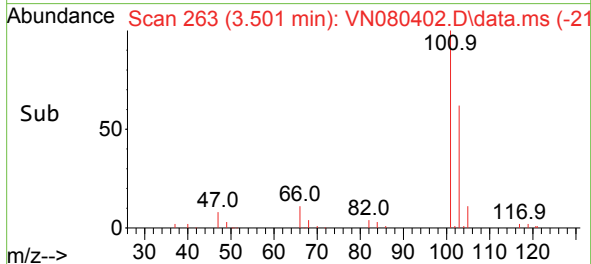
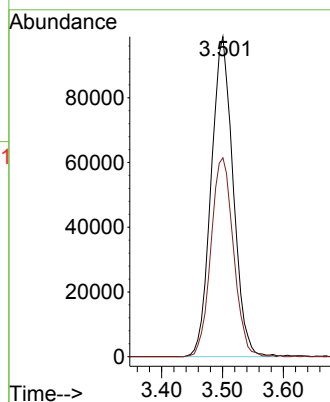
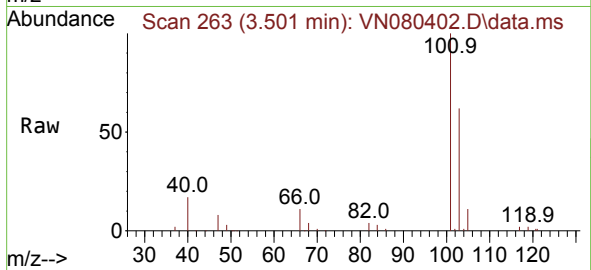




#7
Trichlorofluoromethane
Concen: 49.966 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

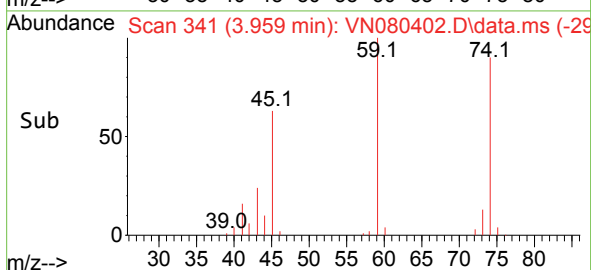
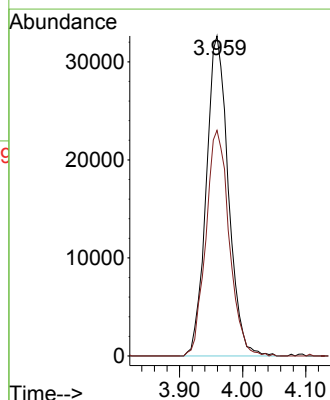
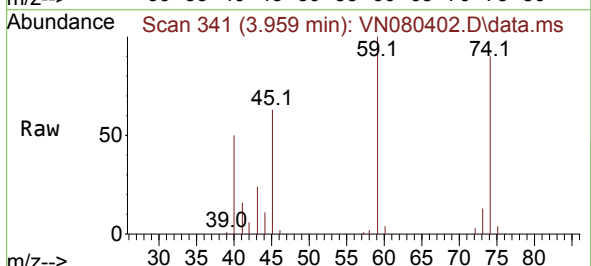
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 247251
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1



#8
Diethyl Ether
Concen: 55.204 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 74 Resp: 79445
Ion Ratio Lower Upper
74 100
45 74.4 34.4 103.3

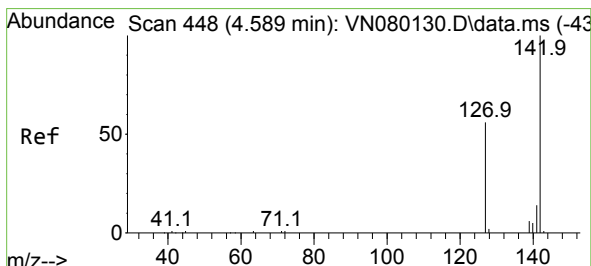
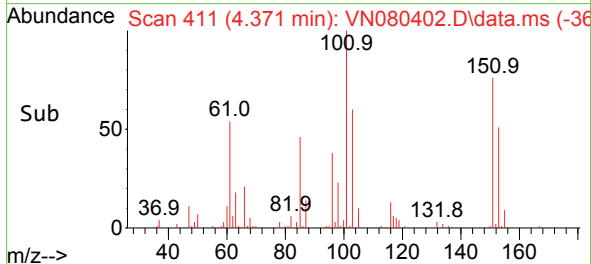
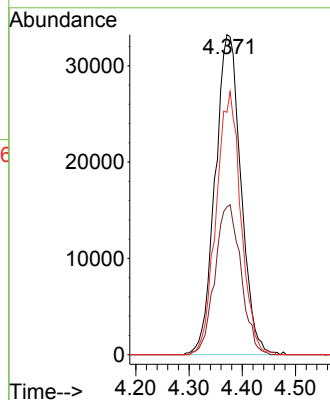
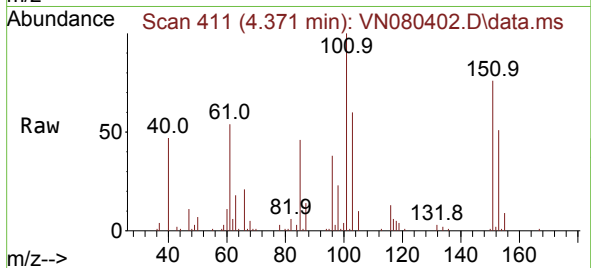




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.340 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

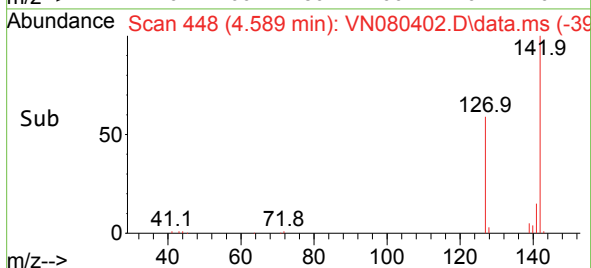
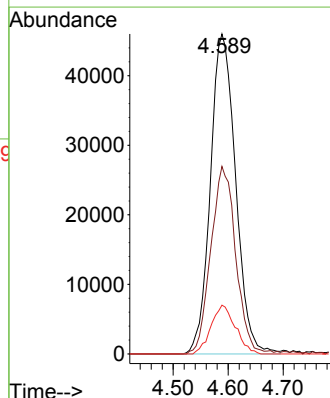
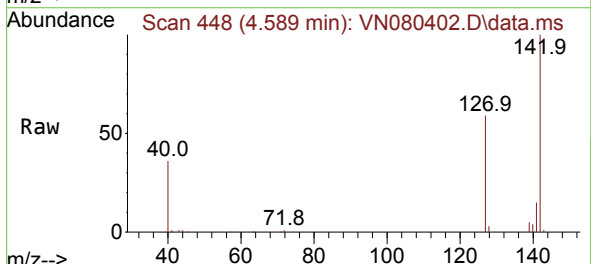
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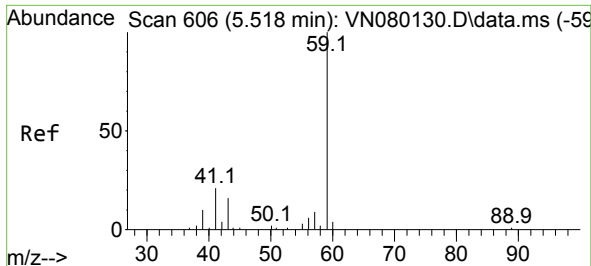
Tgt Ion:101 Resp: 111596
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 78.9 57.6 86.4



#10
Methyl Iodide
Concen: 60.006 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:142 Resp: 146674
Ion Ratio Lower Upper
142 100
127 58.6 37.6 56.4#
141 15.3 11.4 17.0

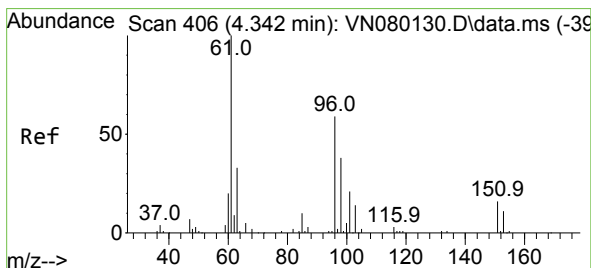
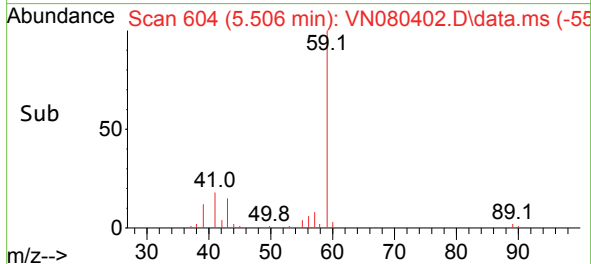
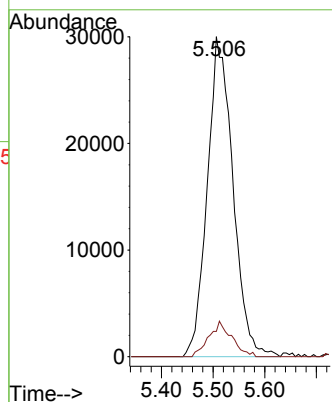
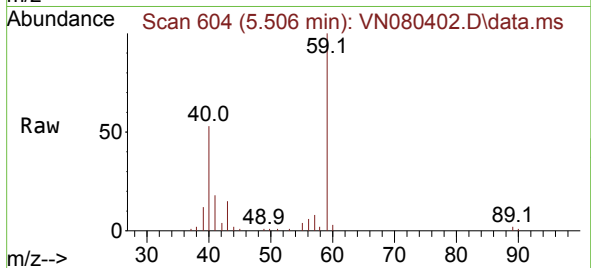




#11
Tert butyl alcohol
Concen: 284.191 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

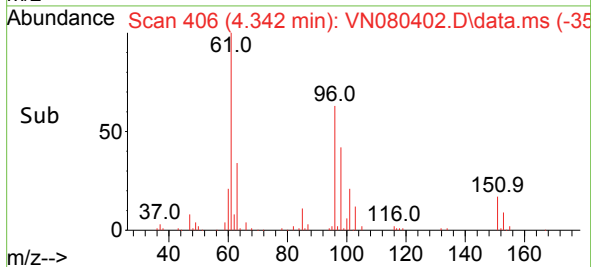
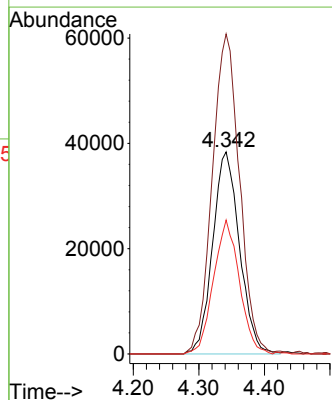
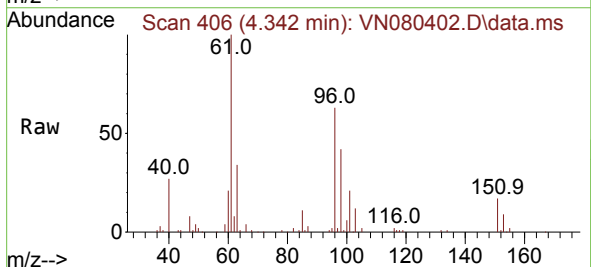
Instrument :
MSVOA_N
ClientSampleId :

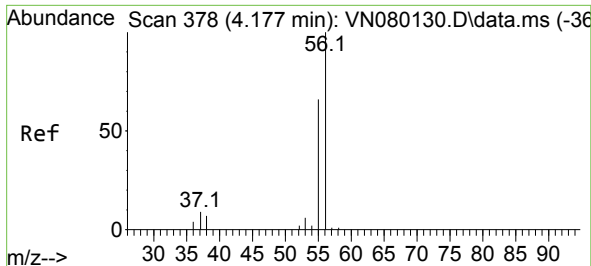
Tgt Ion: 59 Resp: 103284
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.460 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 96 Resp: 108862
Ion Ratio Lower Upper
96 100
61 158.4 112.7 169.1
98 66.3 51.2 76.8





#13

Acrolein

Concen: 336.080 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

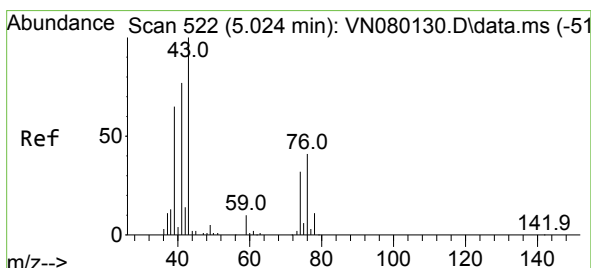
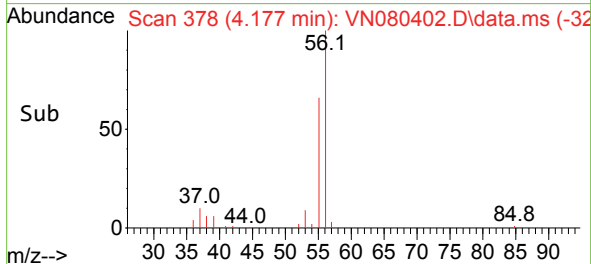
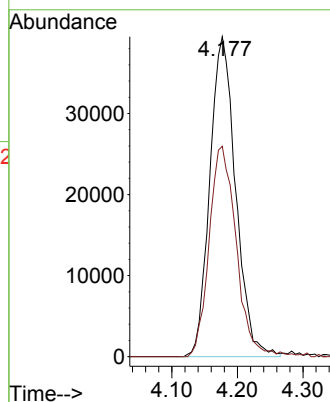
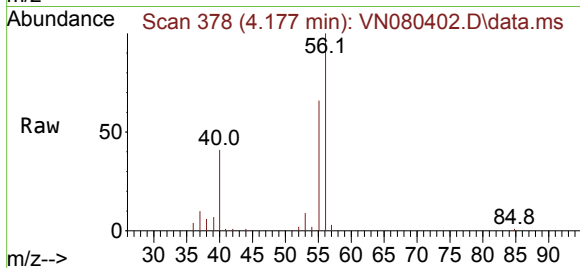
ClientSampleId :

Tgt Ion: 56 Resp: 108094

Ion Ratio Lower Upper

56 100

55 68.9 54.5 81.7



#14

Allyl chloride

Concen: 50.233 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

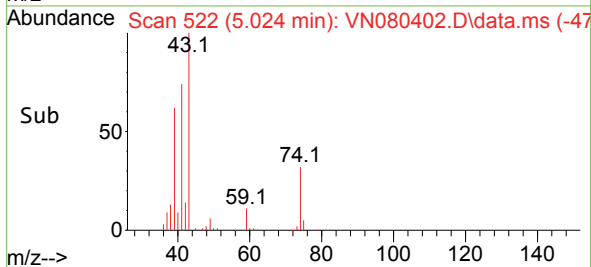
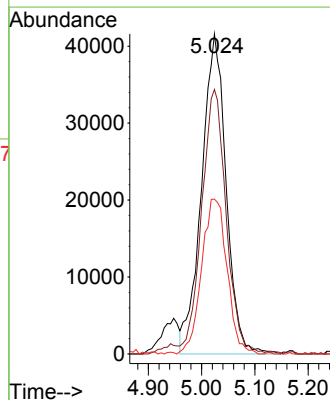
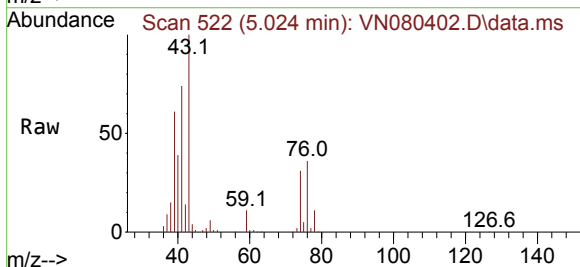
Tgt Ion: 41 Resp: 133698

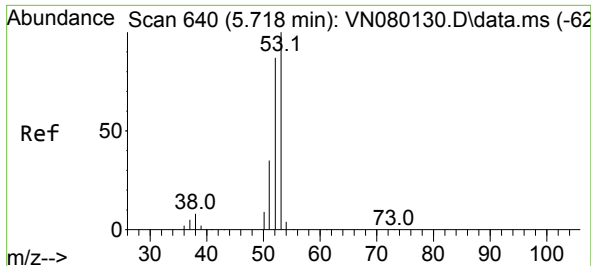
Ion Ratio Lower Upper

41 100

39 81.3 58.8 88.2

76 49.9 39.1 58.7

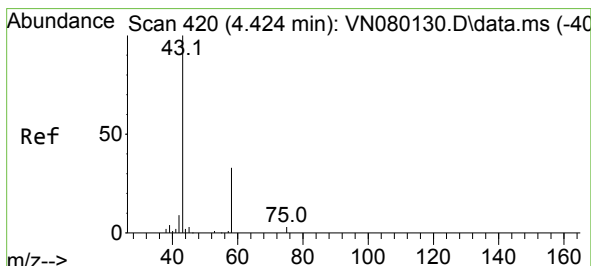
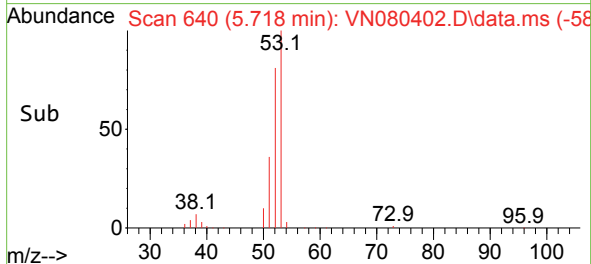
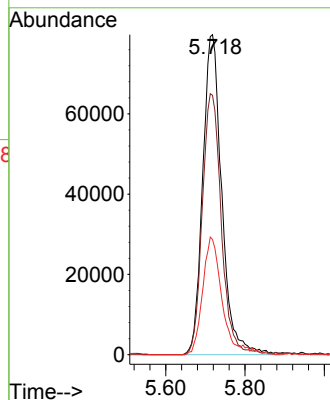
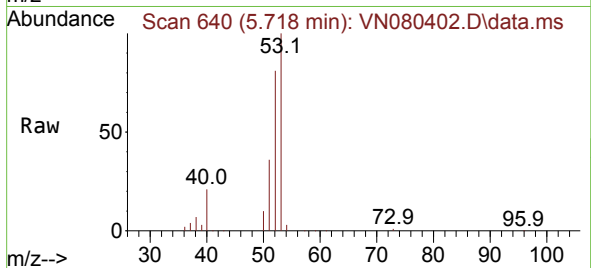




#15
Acrylonitrile
Concen: 273.453 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

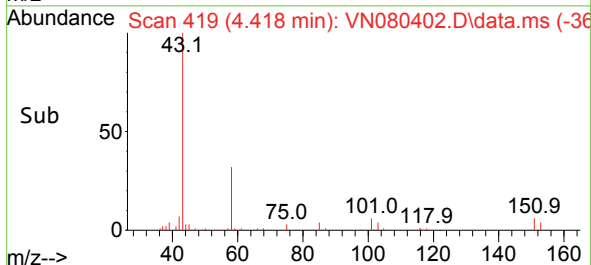
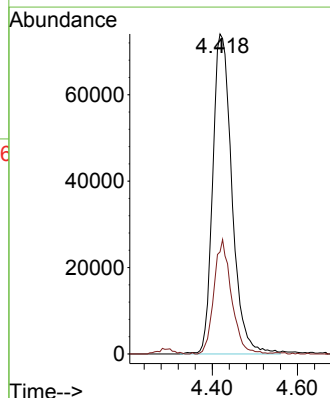
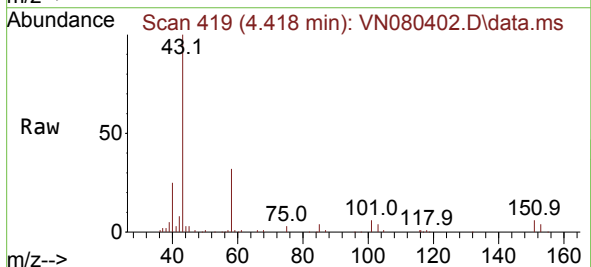
Instrument :
MSVOA_N
ClientSampleId :

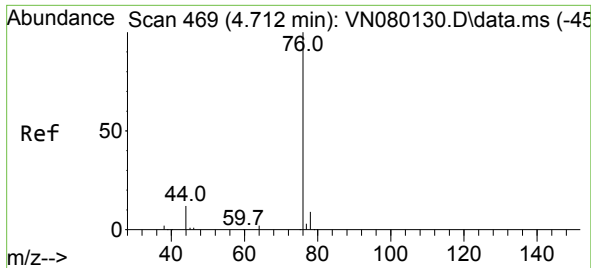
Tgt Ion: 53 Resp: 266793
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 208.874 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 43 Resp: 231855
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

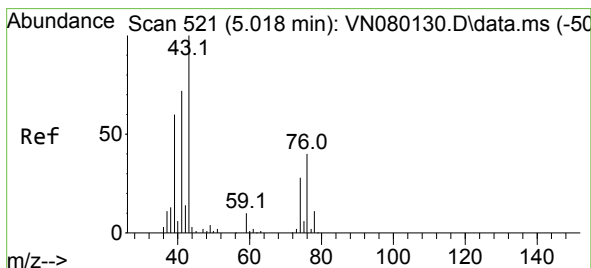
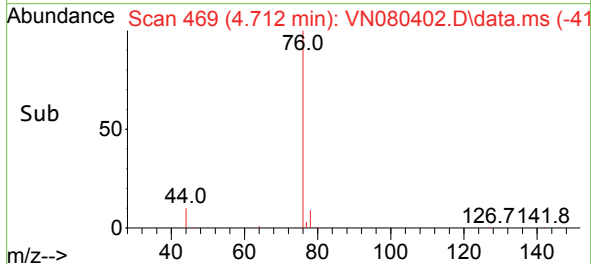
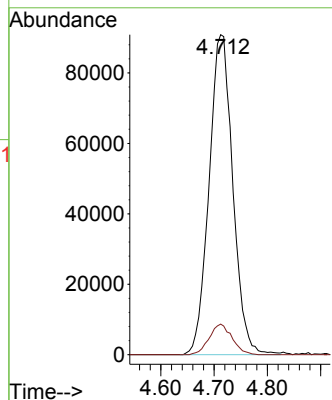
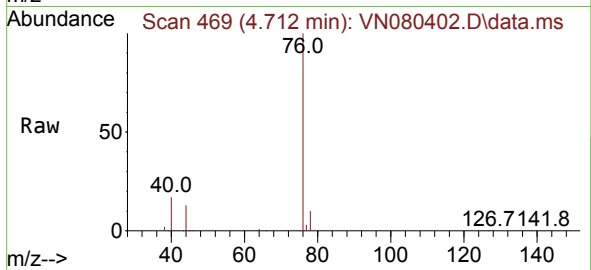




#17
Carbon Disulfide
Concen: 44.561 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

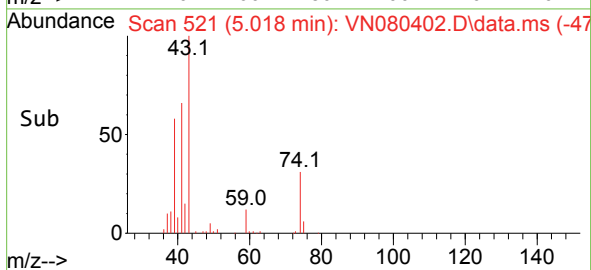
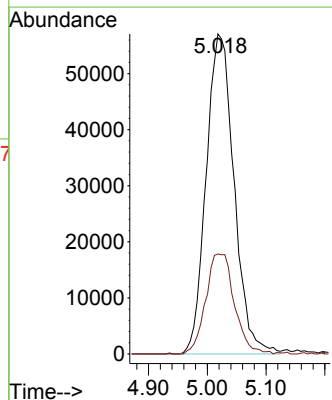
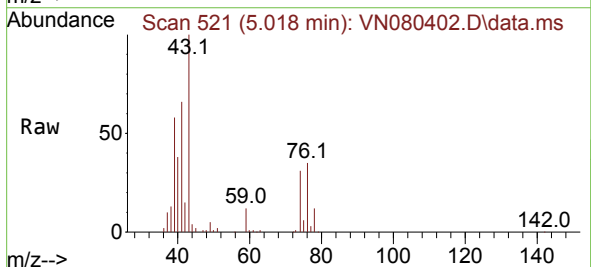
Instrument :
MSVOA_N
ClientSampleId :

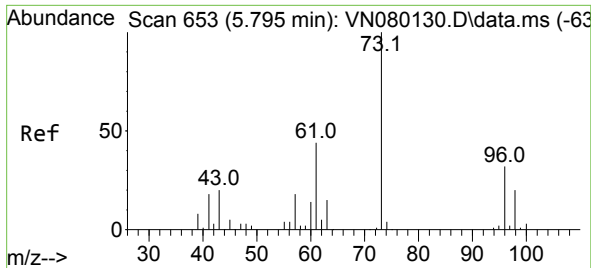
Tgt Ion: 76 Resp: 281473
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 52.706 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 43 Resp: 187977
Ion Ratio Lower Upper
43 100
74 32.0 26.2 39.4

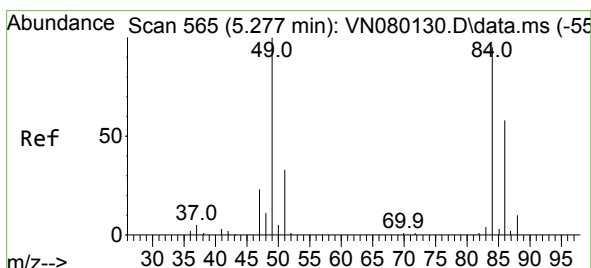
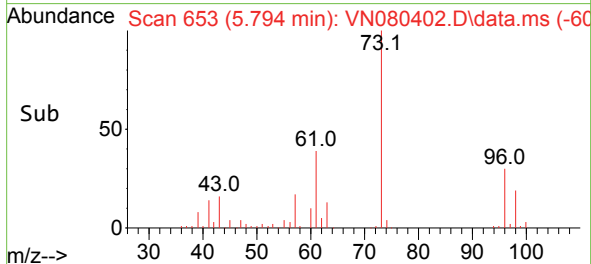
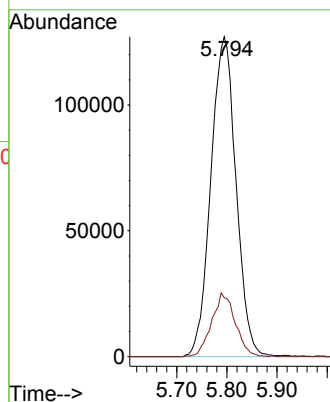
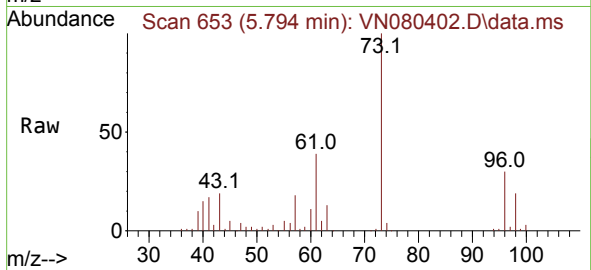




#19
Methyl tert-butyl Ether
Concen: 59.332 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

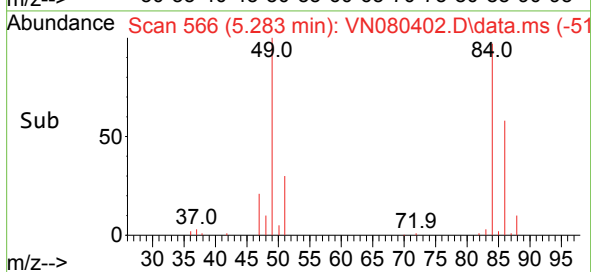
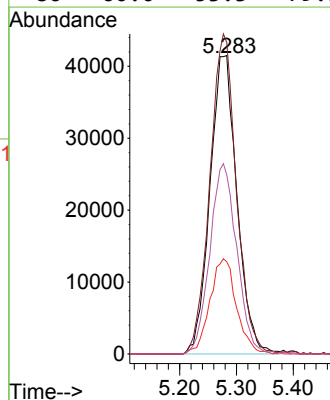
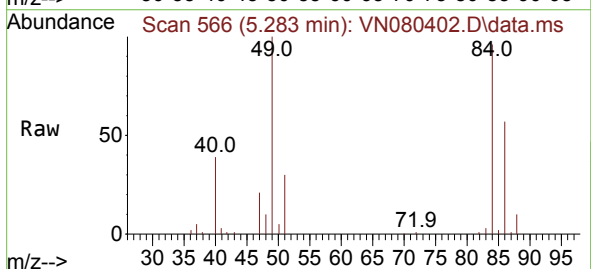
Instrument :
MSVOA_N
ClientSampleId :

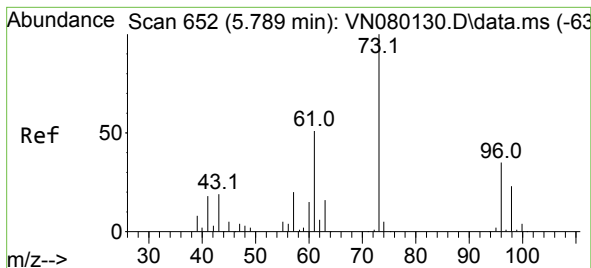
Tgt Ion: 73 Resp: 443257
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4



#20
Methylene Chloride
Concen: 58.978 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 84 Resp: 137098
Ion Ratio Lower Upper
84 100
49 104.4 79.7 119.5
51 30.9 25.2 37.8
86 60.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 53.575 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

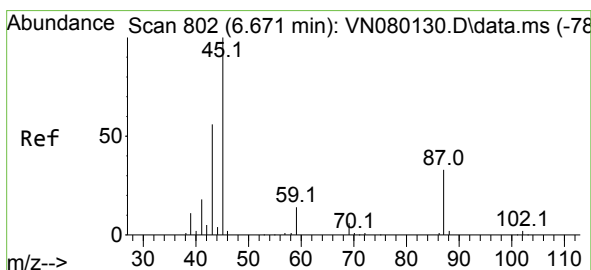
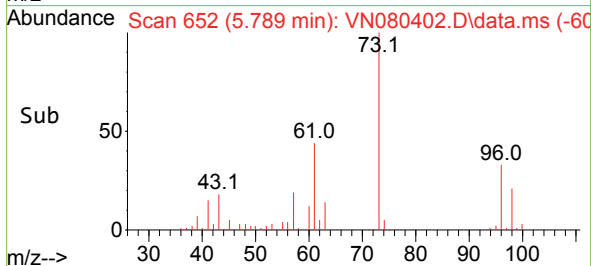
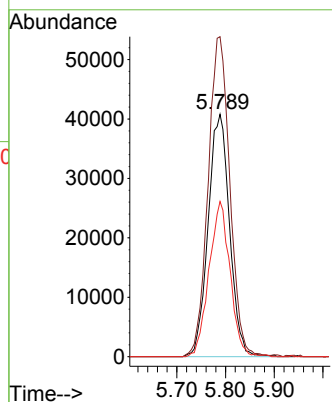
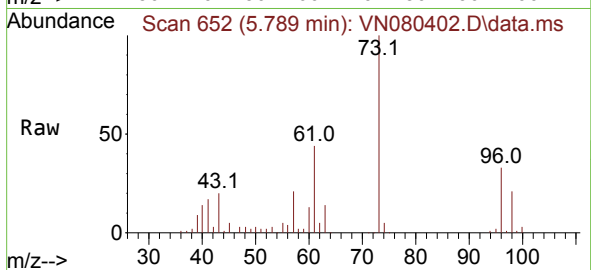
Tgt Ion: 96 Resp: 124510

Ion Ratio Lower Upper

96 100

61 132.0 90.1 135.1

98 64.0 46.4 69.6



#22

Diisopropyl ether

Concen: 56.425 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Tgt Ion: 45 Resp: 332266

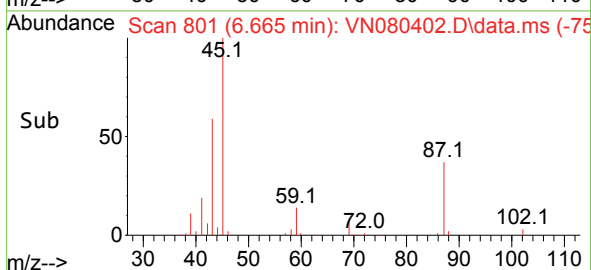
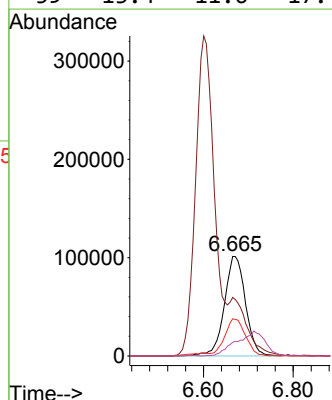
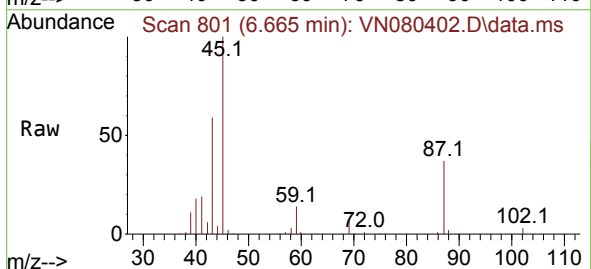
Ion Ratio Lower Upper

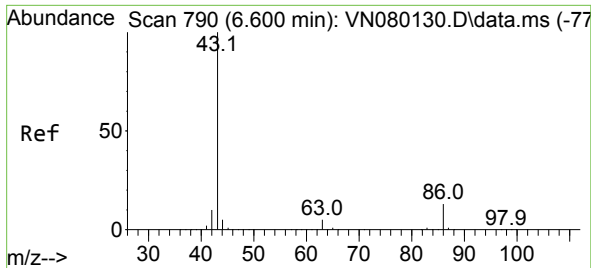
45 100

43 57.3 45.5 68.3

87 37.4 31.8 47.8

59 13.4 11.6 17.4

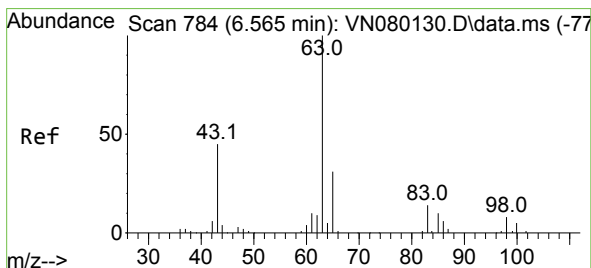
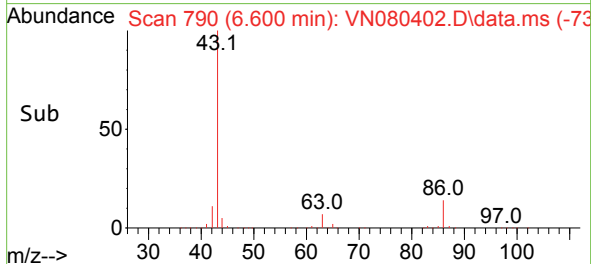
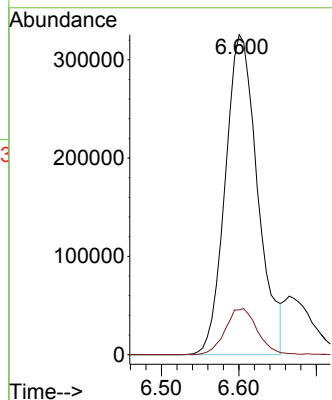
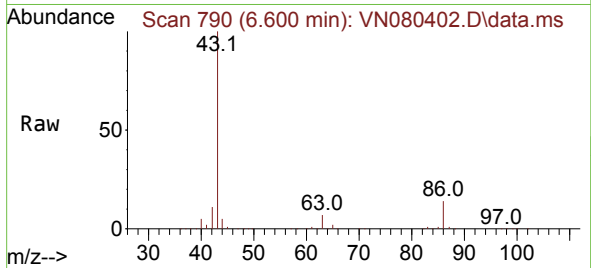




#23
 Vinyl Acetate
 Concen: 267.764 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

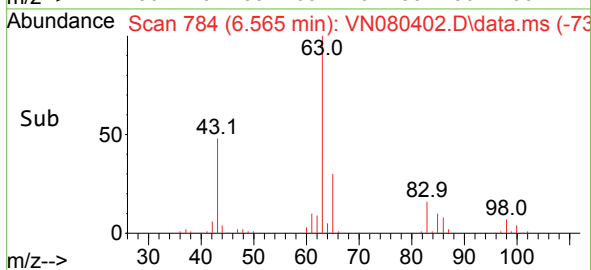
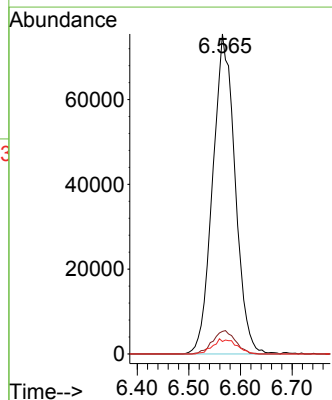
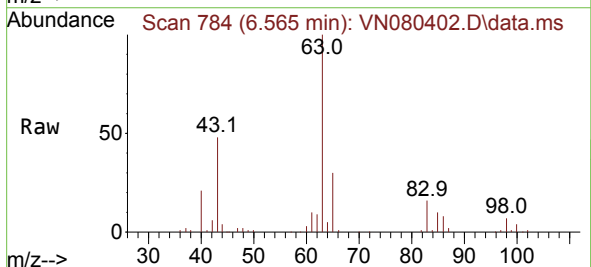
Instrument :
 MSVOA_N
 ClientSampleId :

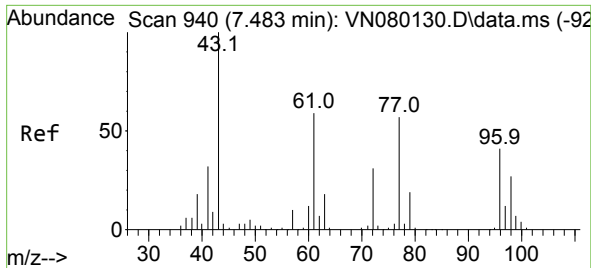
Tgt Ion: 43 Resp: 947928
 Ion Ratio Lower Upper
 43 100
 86 14.0 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 52.937 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion: 63 Resp: 227040
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.9 2.5 7.4

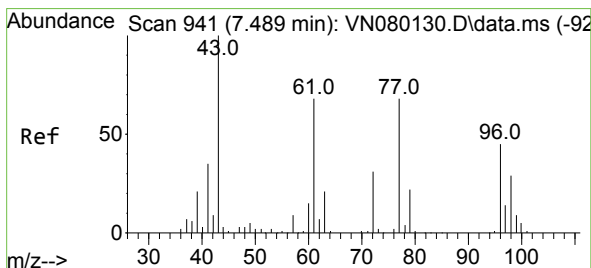
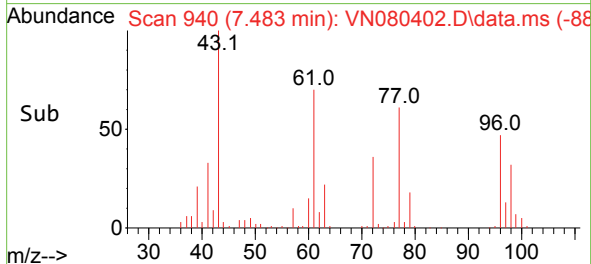
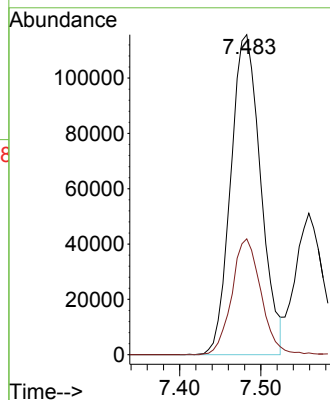
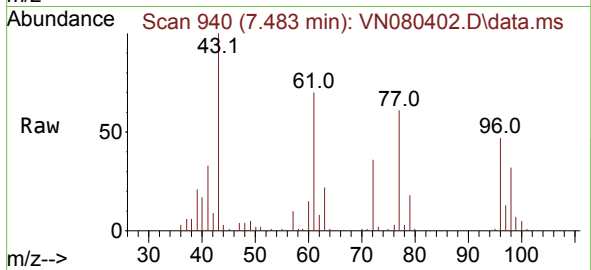




#25
2-Butanone
Concen: 224.982 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

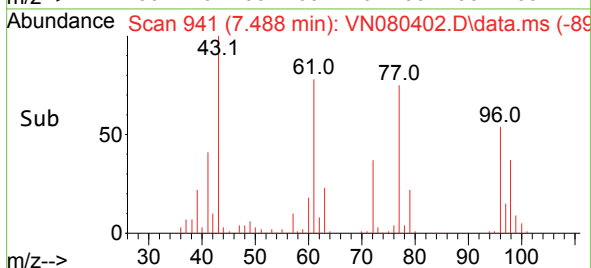
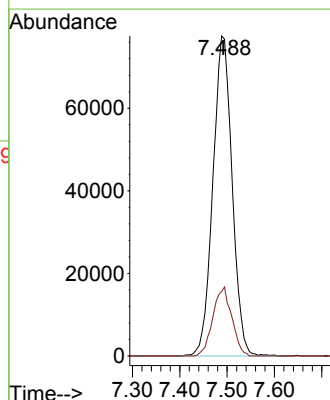
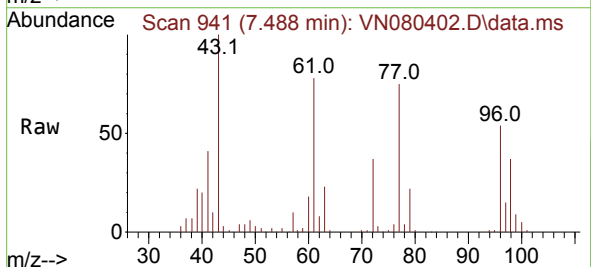
Instrument :
MSVOA_N
ClientSampleId :

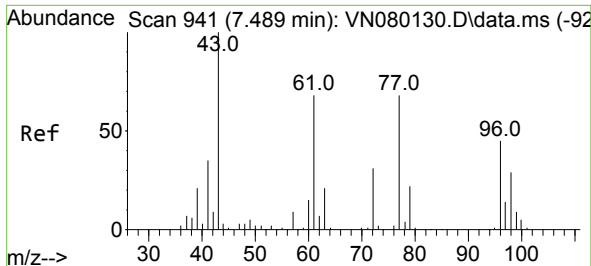
Tgt Ion: 43 Resp: 296715
Ion Ratio Lower Upper
43 100
72 36.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 51.408 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

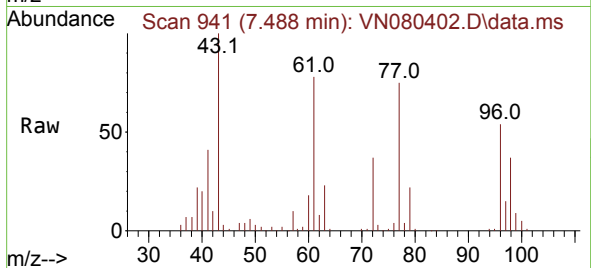
Tgt Ion: 77 Resp: 218746
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





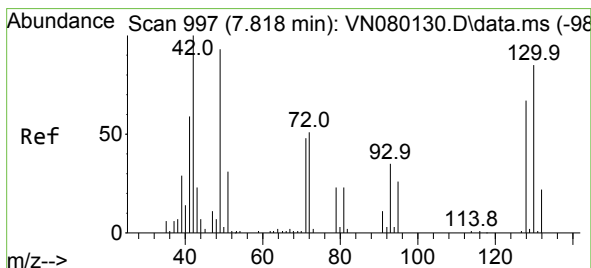
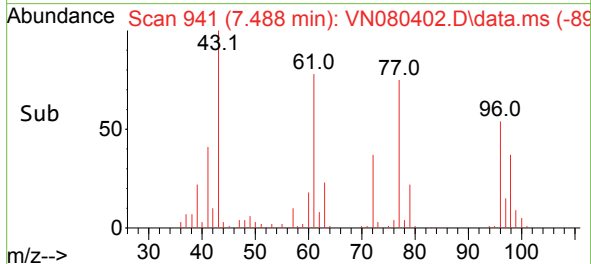
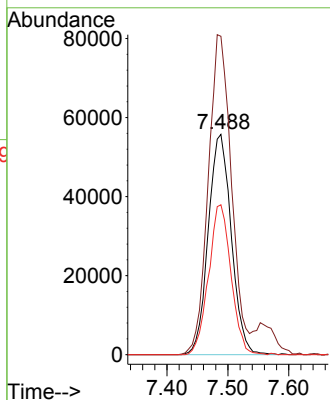
#27
 cis-1,2-Dichloroethene
 Concen: 55.713 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 146798

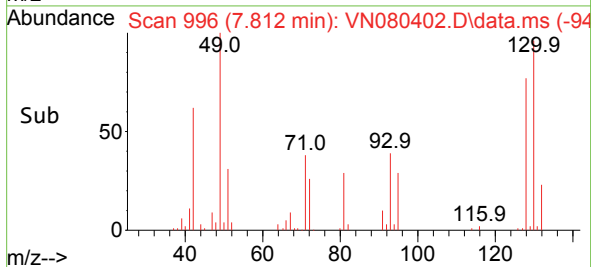
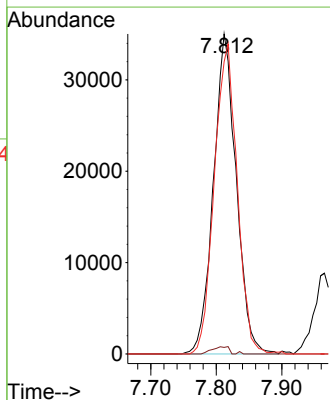
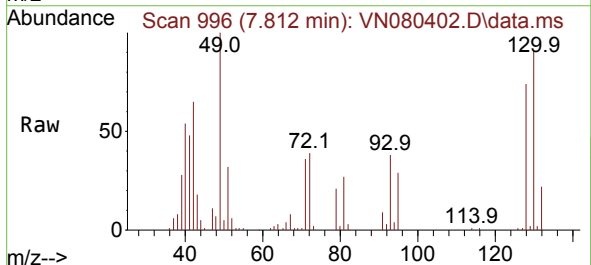
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	255.2
98	66.1	0.0	128.8



#28
 Bromochloromethane
 Concen: 50.161 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion: 49 Resp: 84577

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	97.1	75.3	112.9





#29

Tetrahydrofuran

Concen: 263.103 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

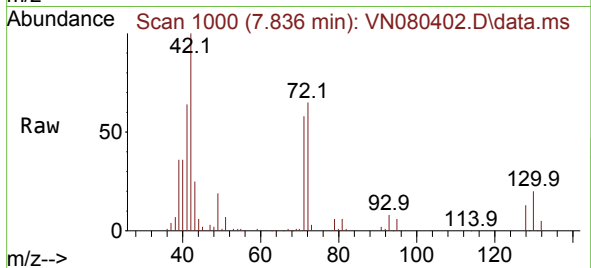
Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :



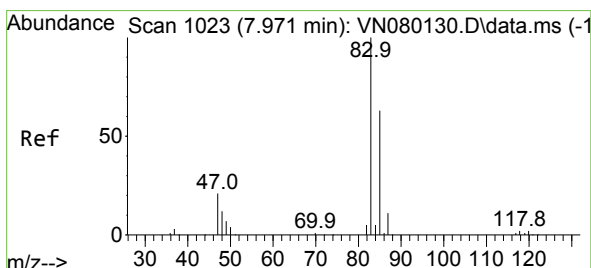
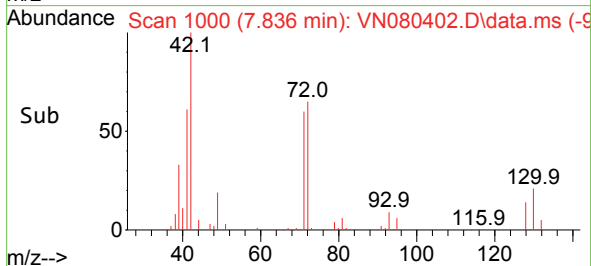
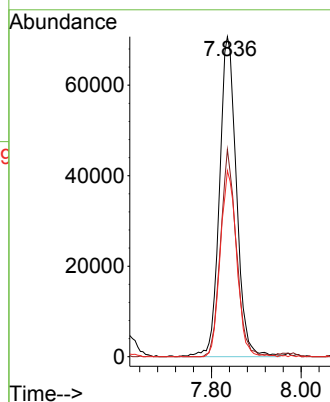
Tgt Ion: 42 Resp: 186290

Ion Ratio Lower Upper

42 100

72 60.2 49.8 74.6

71 56.3 47.4 71.2



#30

Chloroform

Concen: 57.649 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080402.D

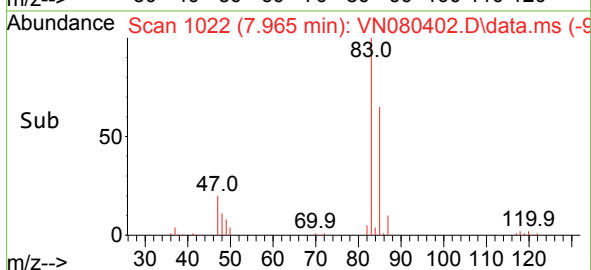
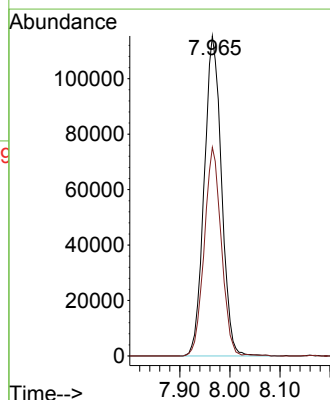
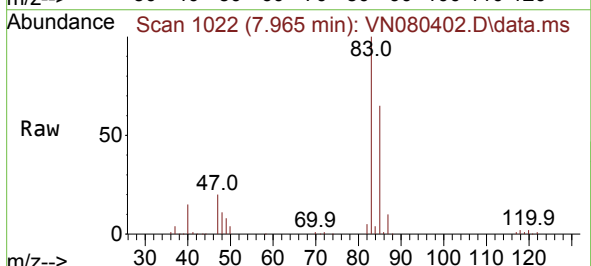
Acq: 08 Dec 2023 13:15

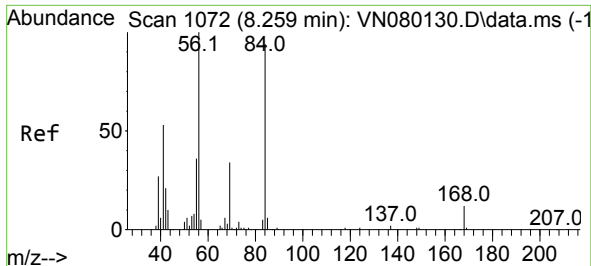
Tgt Ion: 83 Resp: 276356

Ion Ratio Lower Upper

83 100

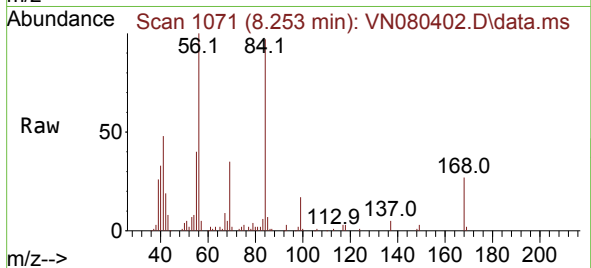
85 65.2 55.4 83.0



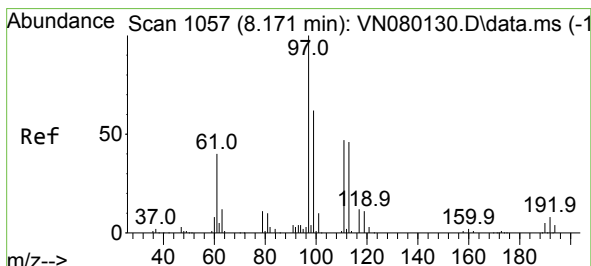
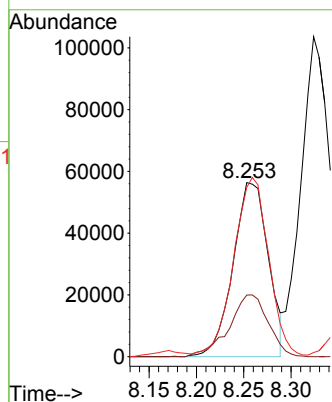
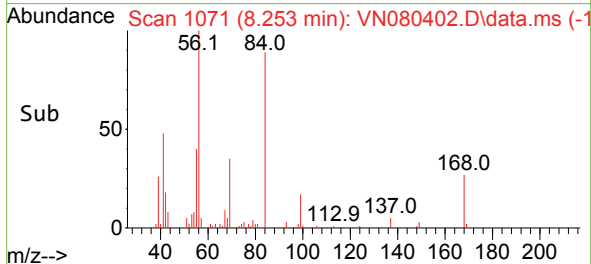


#31
Cyclohexane
Concen: 40.566 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :

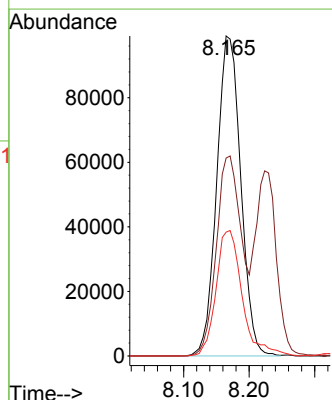
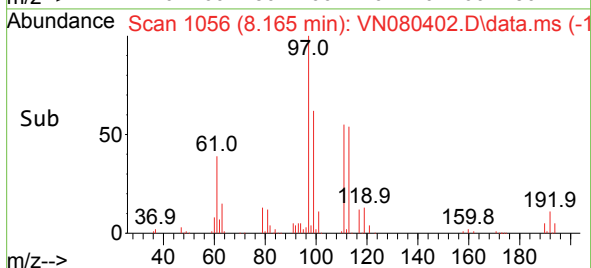
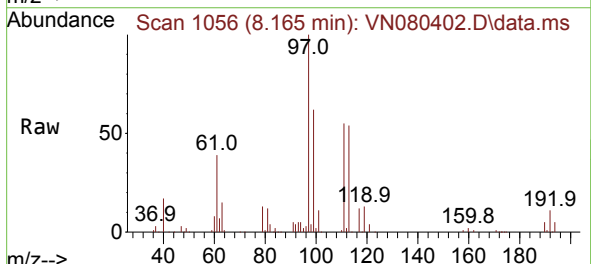


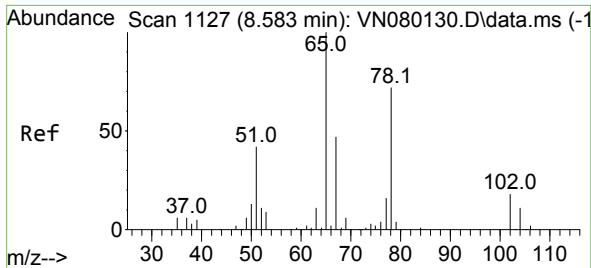
Tgt Ion: 56 Resp: 145797
Ion Ratio Lower Upper
56 100
69 35.4 26.8 40.2
84 95.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.970 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 97 Resp: 252308
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.138 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

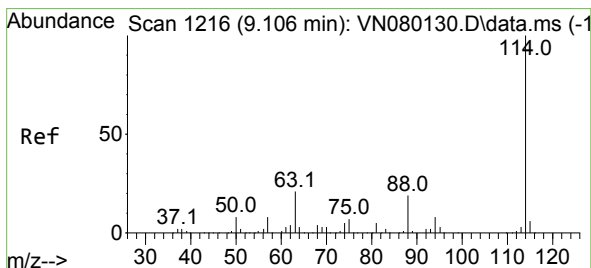
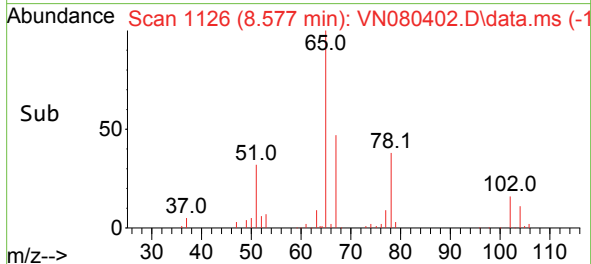
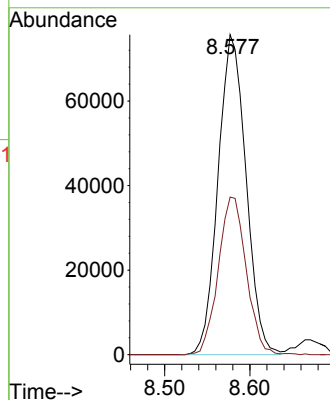
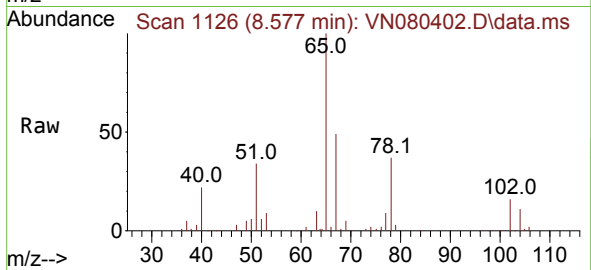
ClientSampleId :

Tgt Ion: 65 Resp: 172308

Ion Ratio Lower Upper

65 100

67 49.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

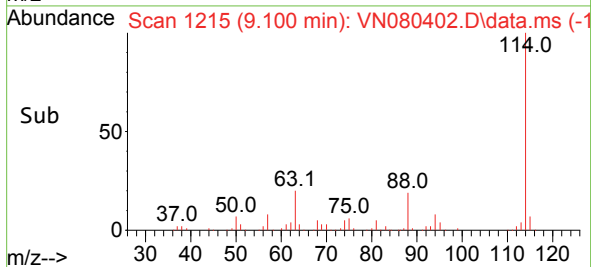
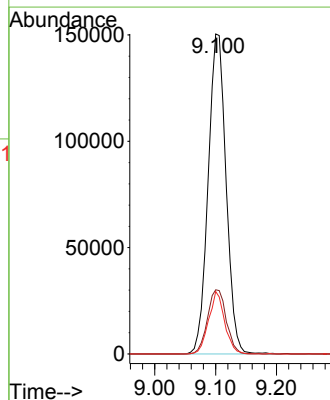
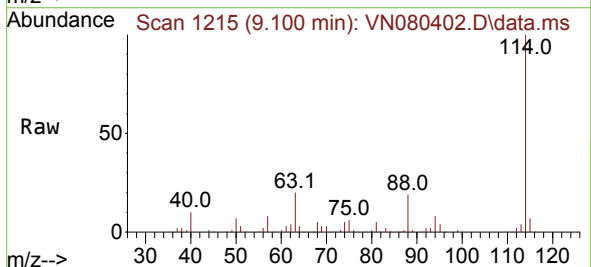
Tgt Ion: 114 Resp: 307049

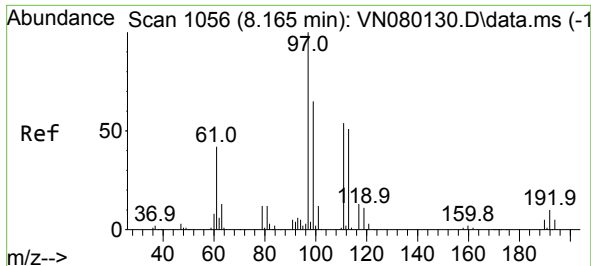
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 19.5 0.0 30.6

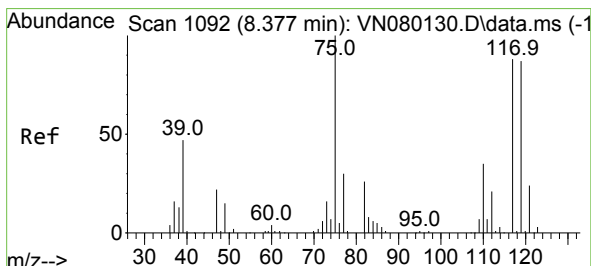
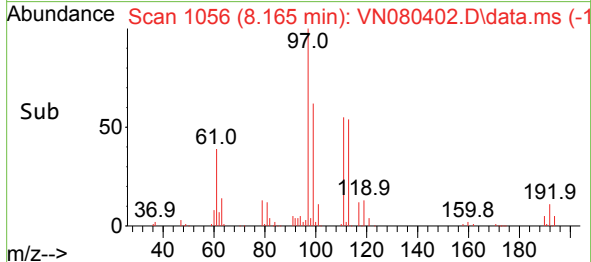
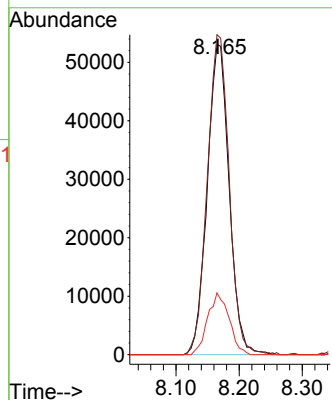
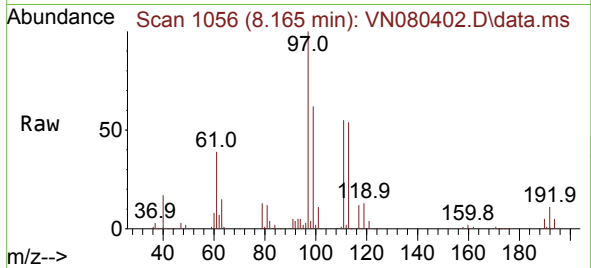




#35
Dibromofluoromethane
Concen: 56.484 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

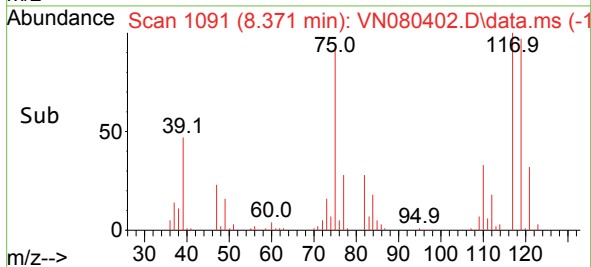
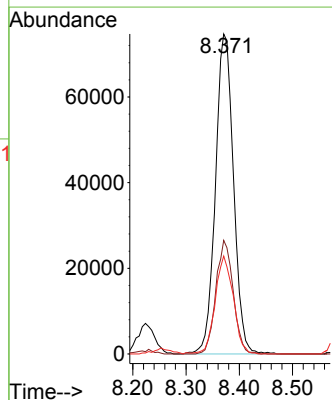
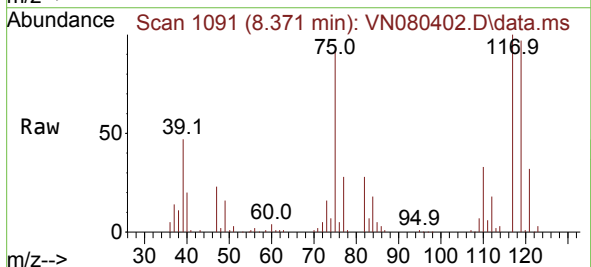
Instrument :
MSVOA_N
ClientSampleId :

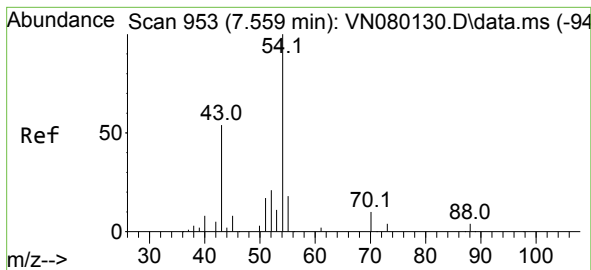
Tgt Ion:113 Resp: 127972
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.5 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 53.672 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 75 Resp: 176052
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 55.120 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

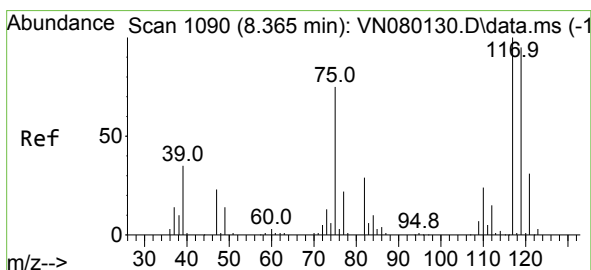
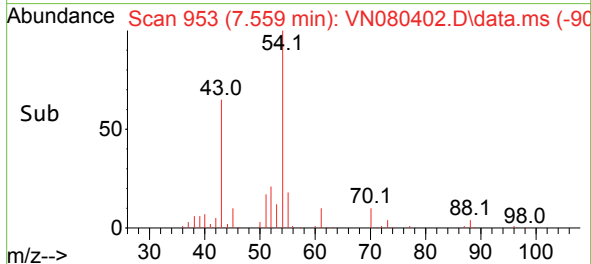
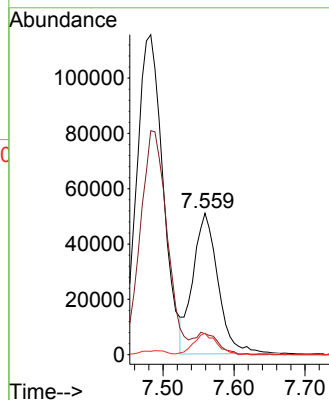
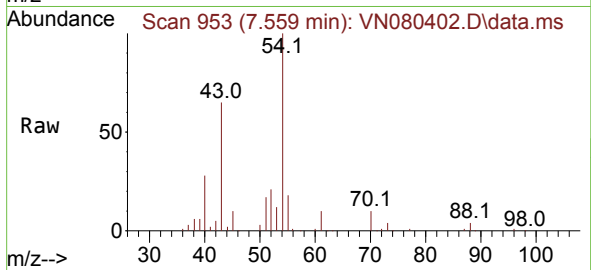
Tgt Ion: 43 Resp: 125411

Ion Ratio Lower Upper

43 100

61 13.5 13.2 19.8

70 14.0 11.3 16.9



#38

Carbon Tetrachloride

Concen: 54.982 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

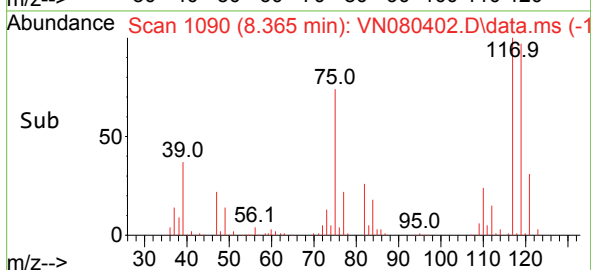
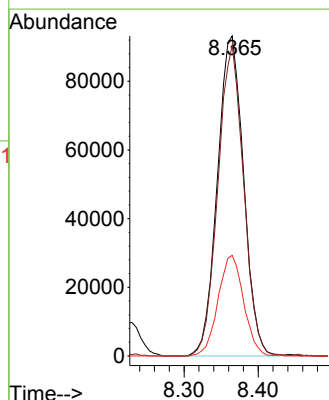
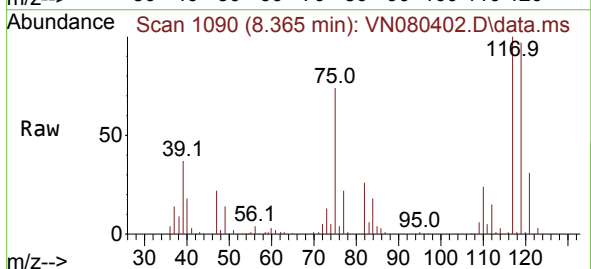
Tgt Ion: 117 Resp: 228866

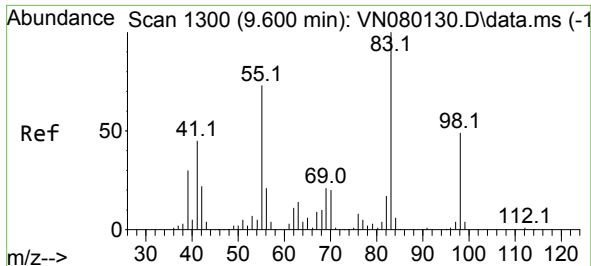
Ion Ratio Lower Upper

117 100

119 97.2 77.3 115.9

121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 47.837 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

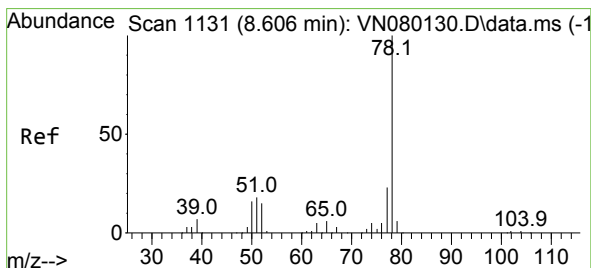
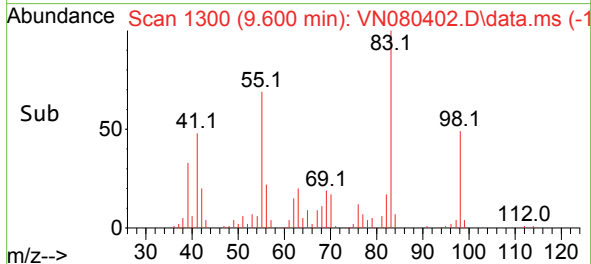
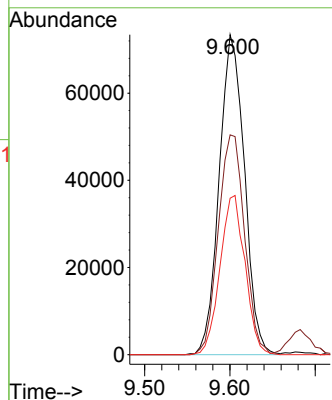
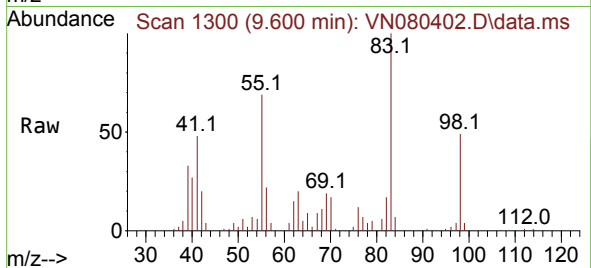
Tgt Ion: 83 Resp: 151298

Ion Ratio Lower Upper

83 100

55 68.7 49.1 73.7

98 48.9 40.6 61.0



#40

Benzene

Concen: 55.389 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080402.D

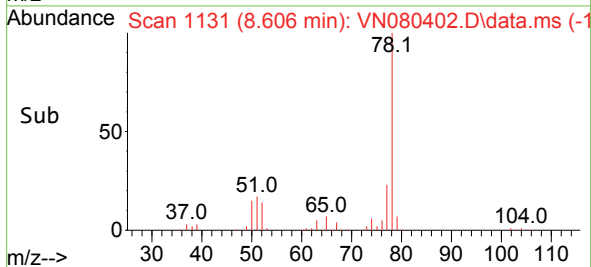
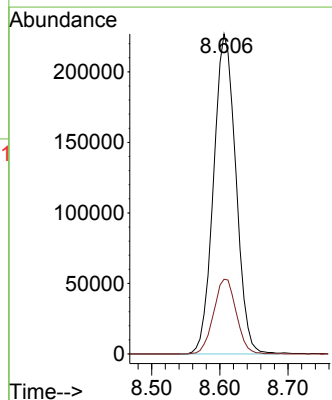
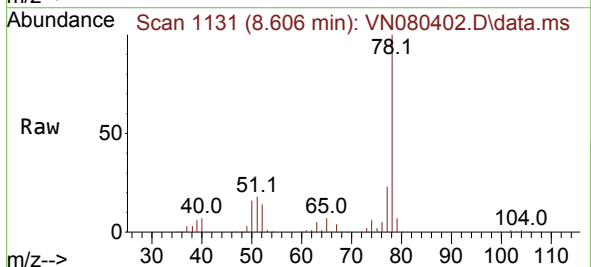
Acq: 08 Dec 2023 13:15

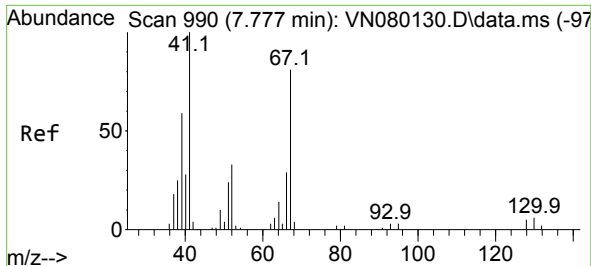
Tgt Ion: 78 Resp: 516372

Ion Ratio Lower Upper

78 100

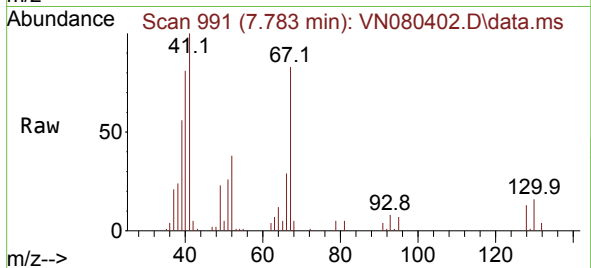
77 23.3 19.0 28.6



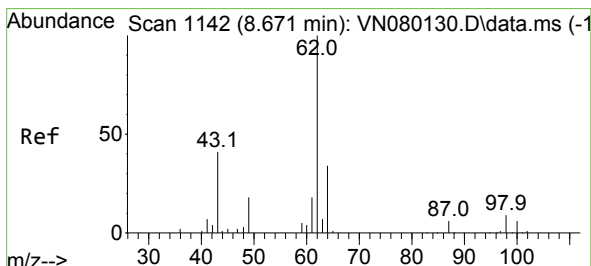
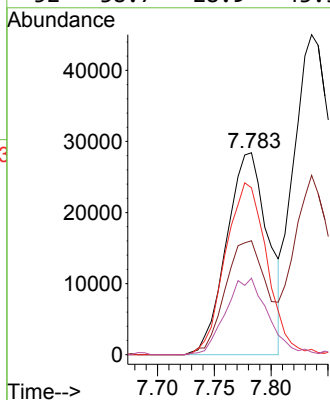
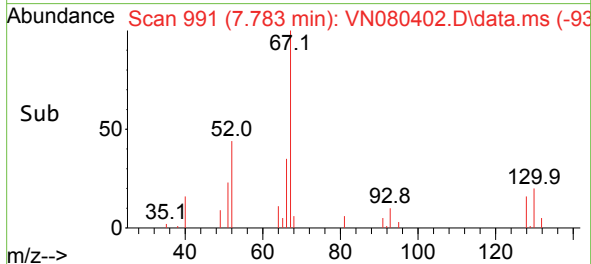


#41
Methacrylonitrile
Concen: 57.682 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :

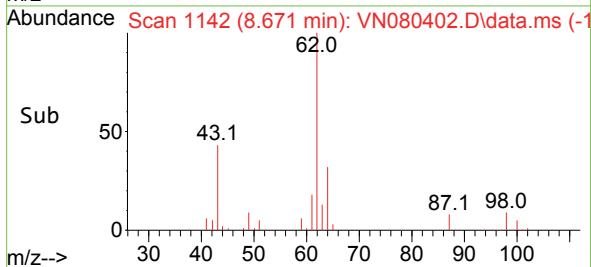
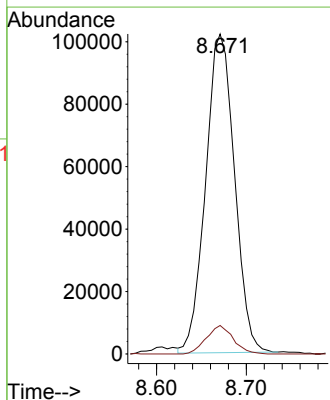
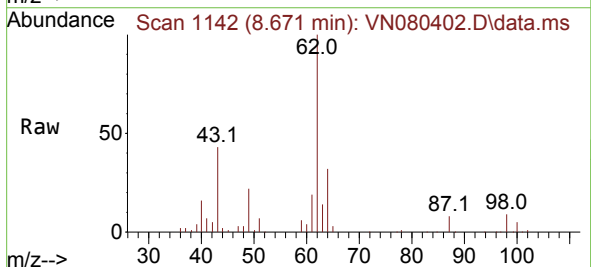


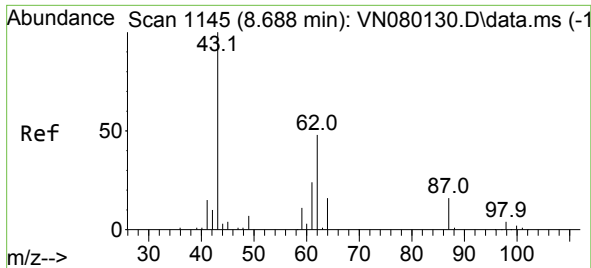
Tgt Ion:	41	Resp:	72073
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.6	64.0
67	85.6	77.5	116.3
52	38.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 59.862 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:	62	Resp:	228319
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.8

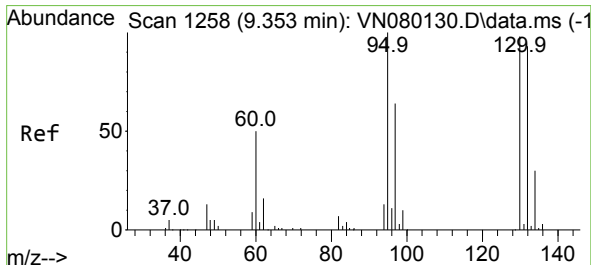
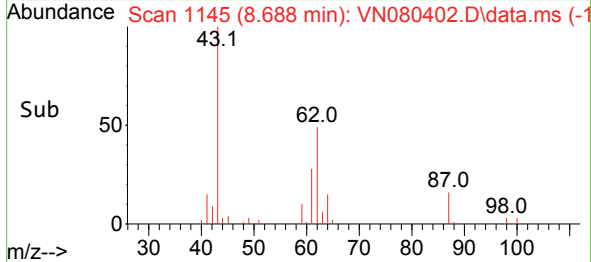
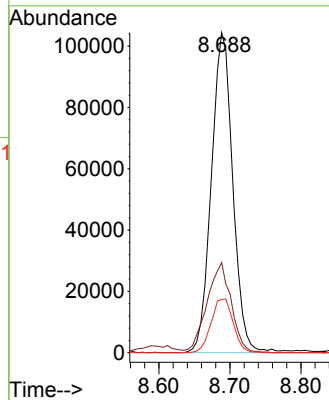
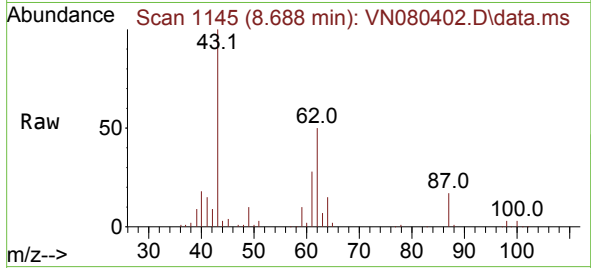




#43
Isopropyl Acetate
Concen: 49.353 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

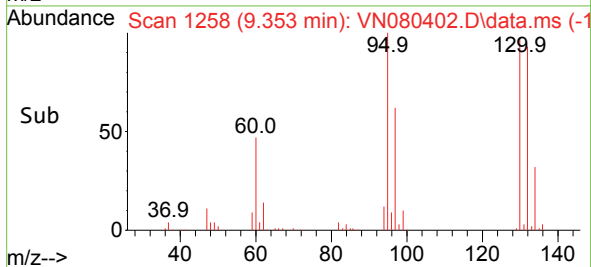
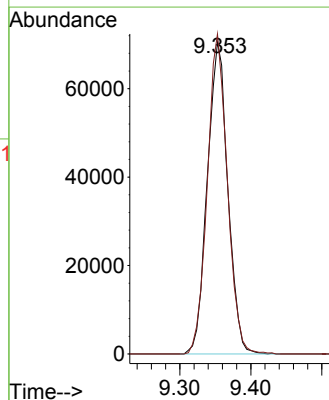
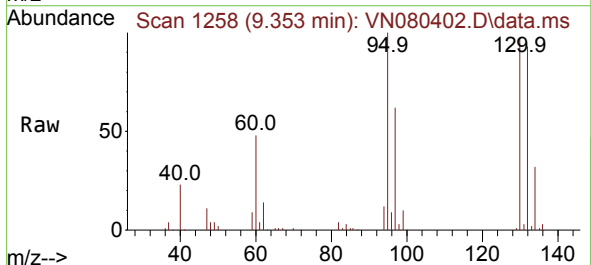
Instrument :
MSVOA_N
ClientSampleId :

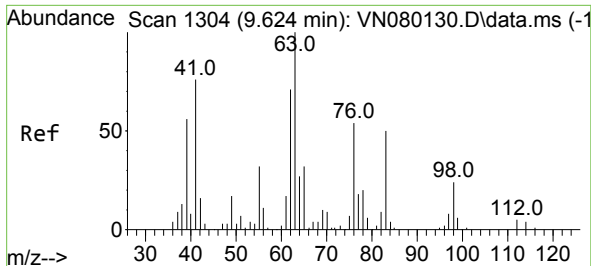
Tgt Ion: 43 Resp: 218515
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 17.3 14.6 21.8



#44
Trichloroethene
Concen: 57.886 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:130 Resp: 141556
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.023 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

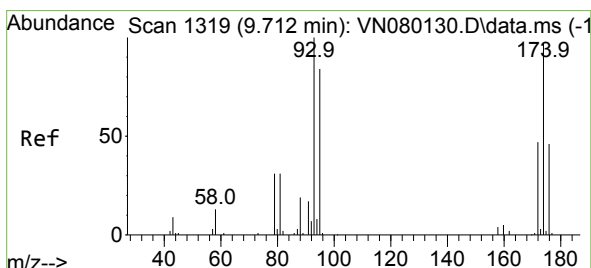
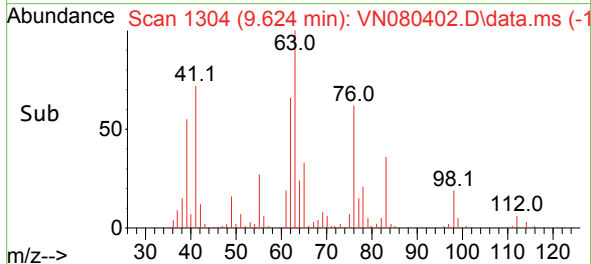
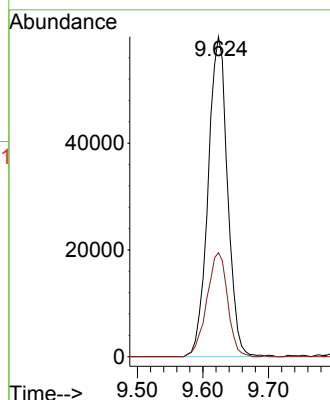
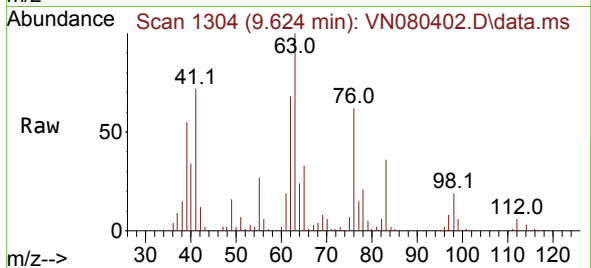
ClientSampleId :

Tgt Ion: 63 Resp: 123540

Ion Ratio Lower Upper

63 100

65 32.5 23.9 35.9



#46

Dibromomethane

Concen: 62.055 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

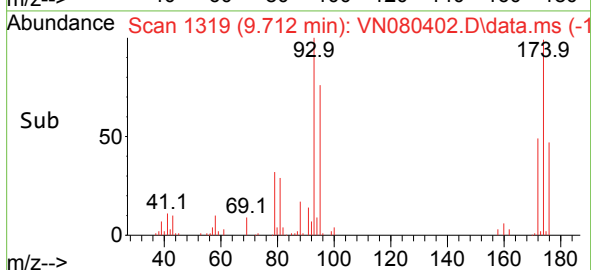
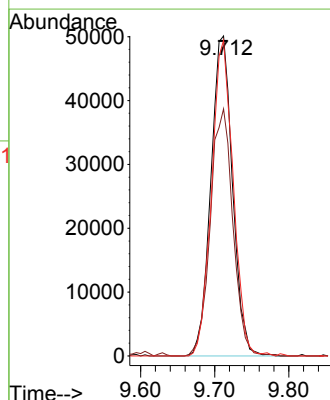
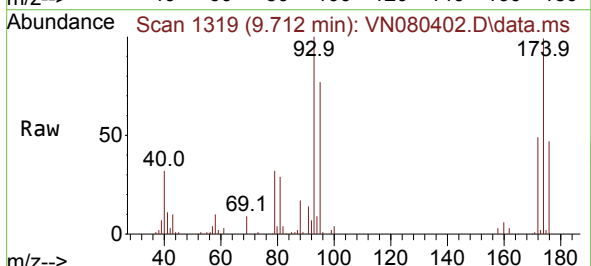
Tgt Ion: 93 Resp: 101769

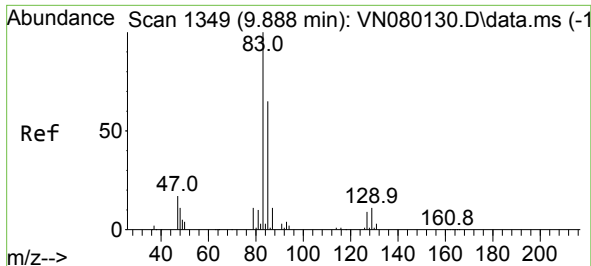
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

174 98.0 65.6 98.4





#47

Bromodichloromethane

Concen: 62.298 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

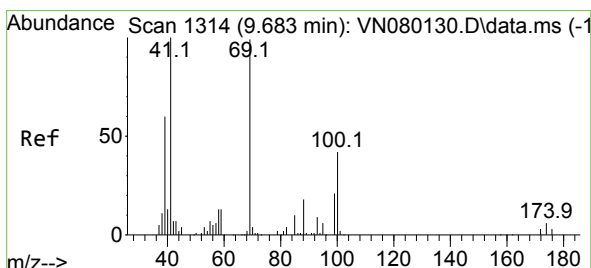
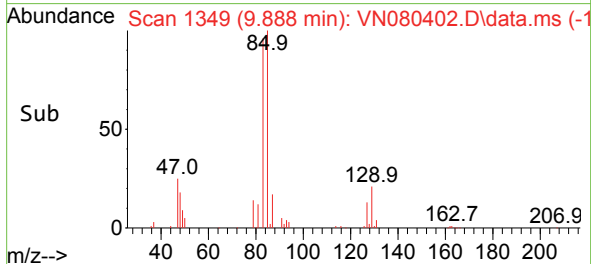
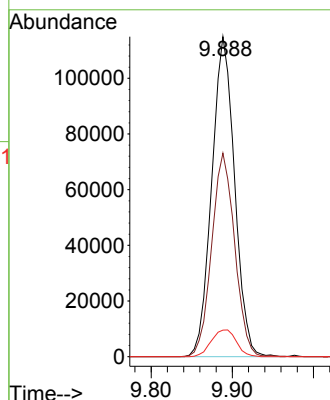
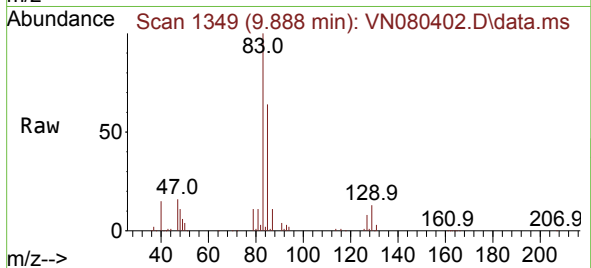
Tgt Ion: 83 Resp: 224740

Ion Ratio Lower Upper

83 100

85 63.6 49.6 74.4

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 57.270 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

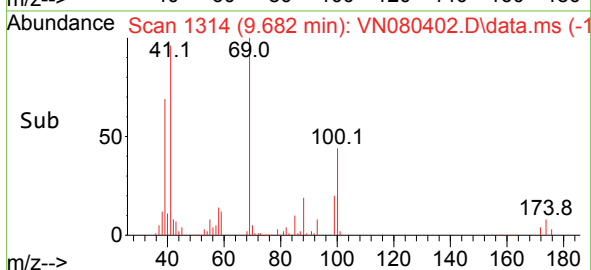
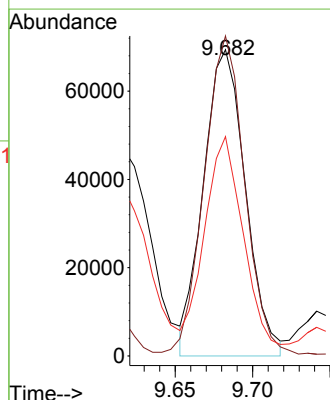
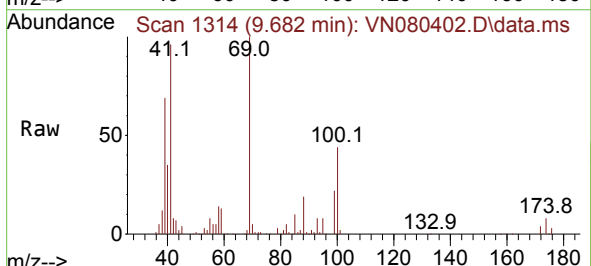
Tgt Ion: 41 Resp: 130674

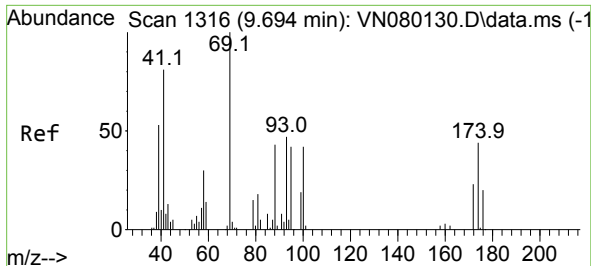
Ion Ratio Lower Upper

41 100

69 102.0 90.4 135.6

39 67.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1107.783 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

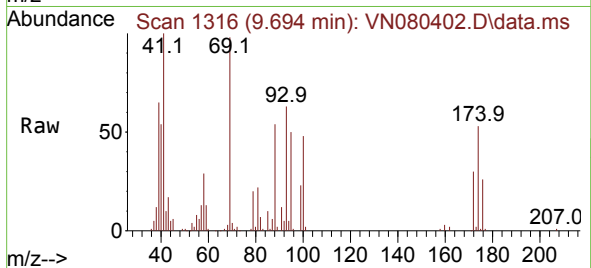
Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :



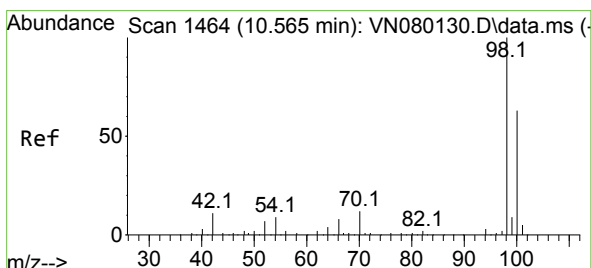
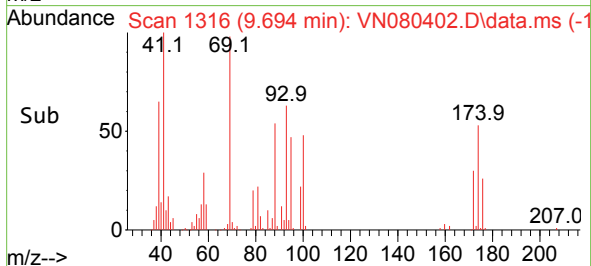
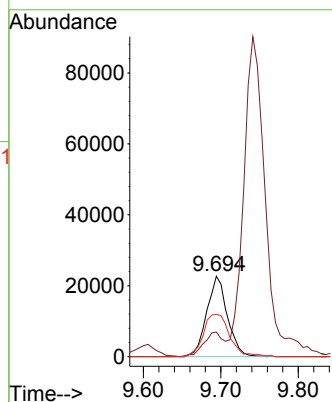
Tgt Ion: 88 Resp: 42050

Ion Ratio Lower Upper

88 100

43 29.2 17.0 25.6#

58 67.1 47.0 70.4



#50

Toluene-d8

Concen: 51.727 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080402.D

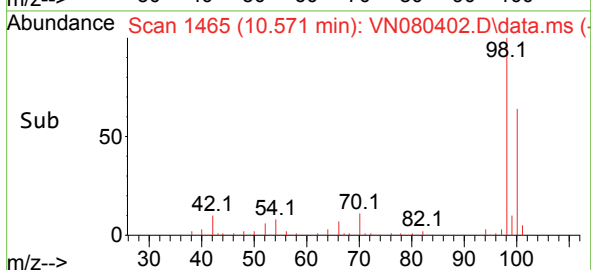
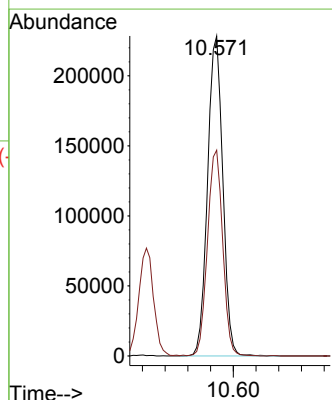
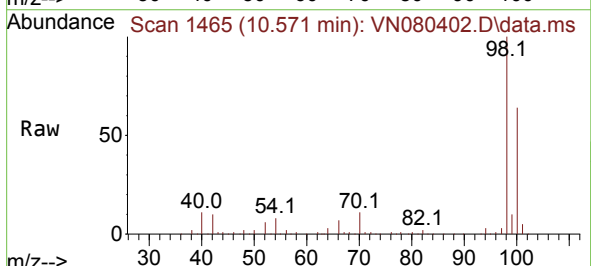
Acq: 08 Dec 2023 13:15

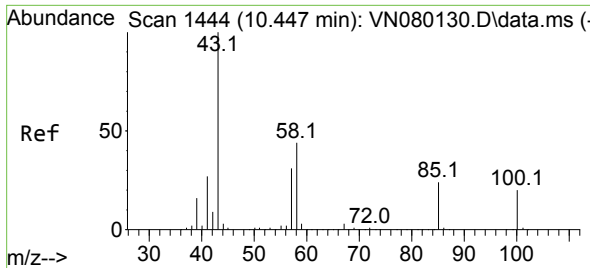
Tgt Ion: 98 Resp: 422463

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

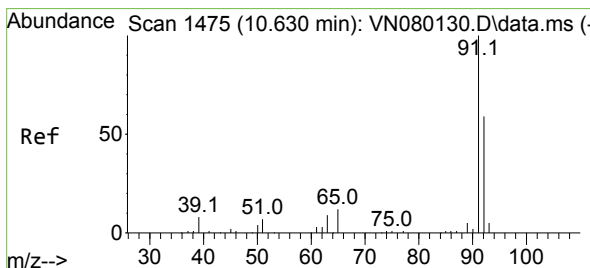
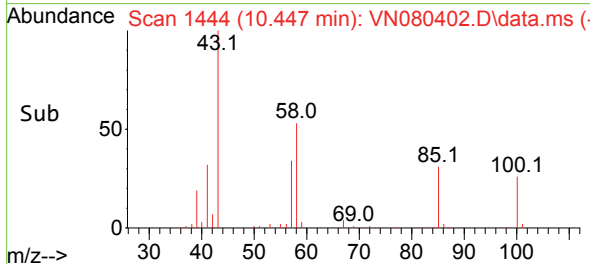
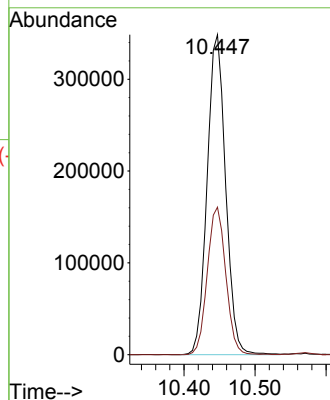
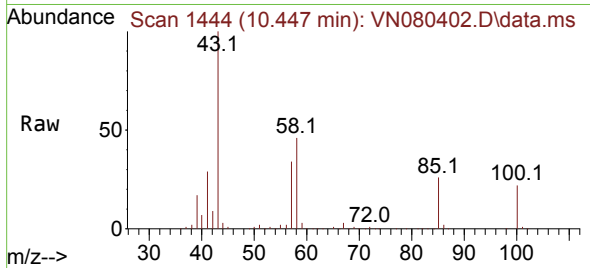




#51
4-Methyl-2-Pentanone
Concen: 275.127 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

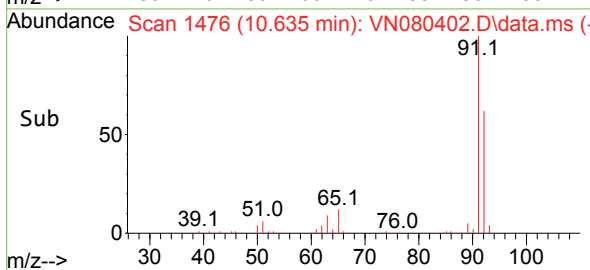
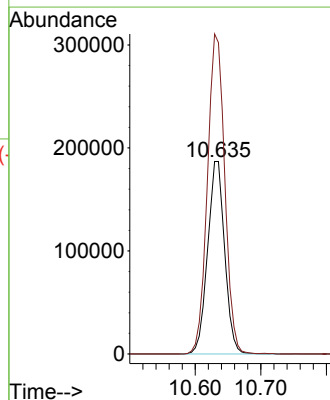
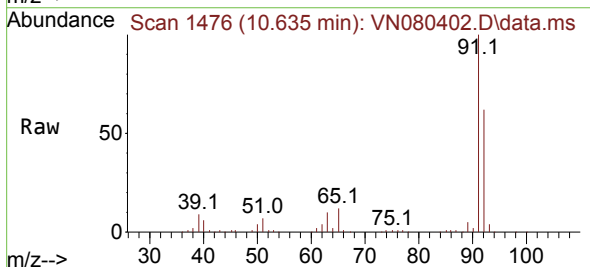
Instrument :
MSVOA_N
ClientSampleId :

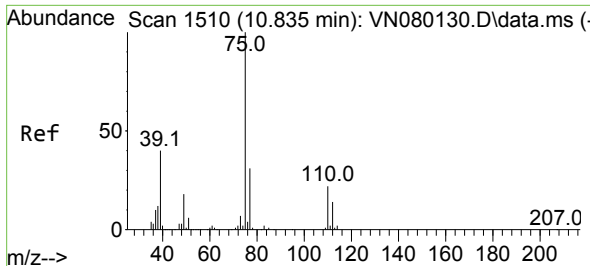
Tgt Ion: 43 Resp: 630662
Ion Ratio Lower Upper
43 100
58 46.1 36.6 54.8



#52
Toluene
Concen: 57.975 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 92 Resp: 338242
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0

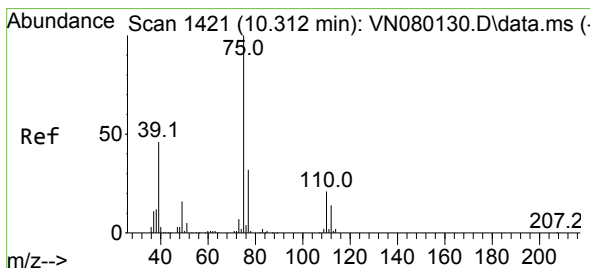
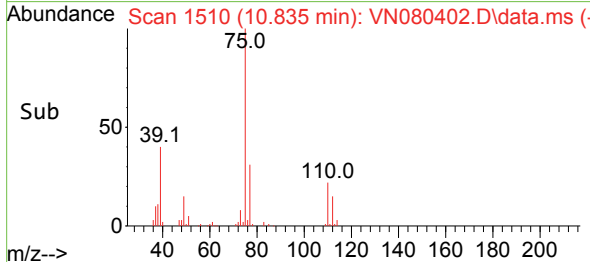
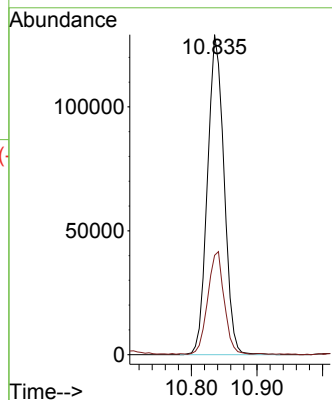
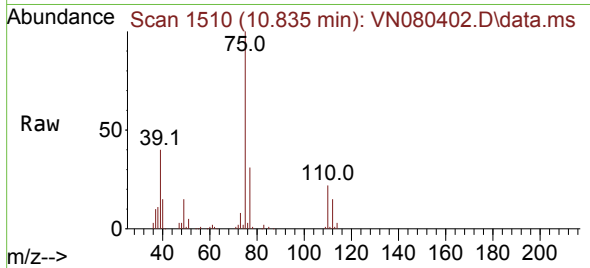




#53
 t-1,3-Dichloropropene
 Concen: 61.254 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

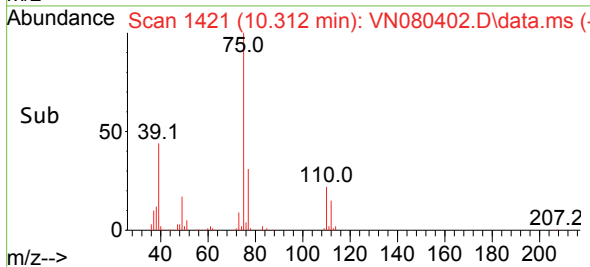
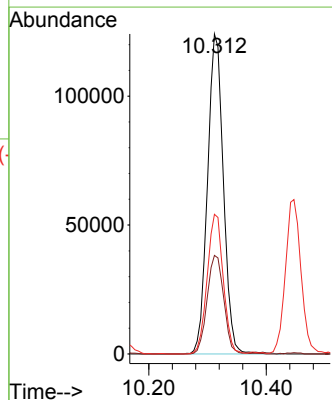
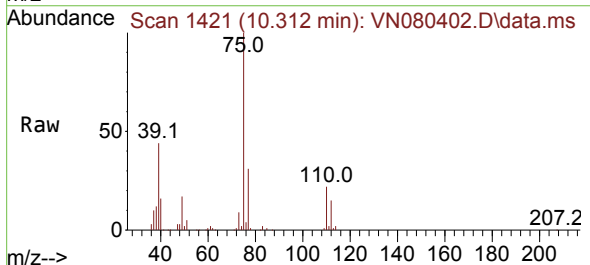
Instrument :
 MSVOA_N
 ClientSampleId :

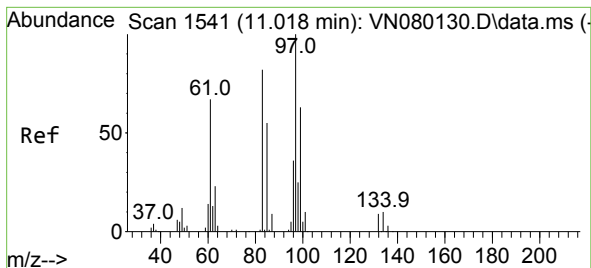
Tgt Ion: 75 Resp: 227033
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 61.556 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion: 75 Resp: 233092
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 43.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 60.735 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 135244

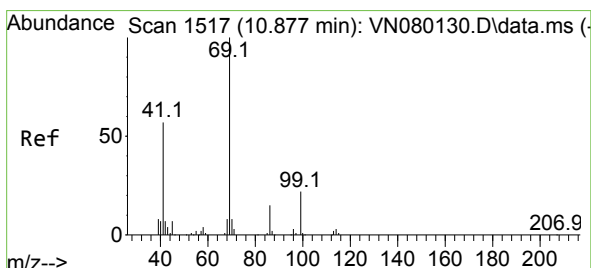
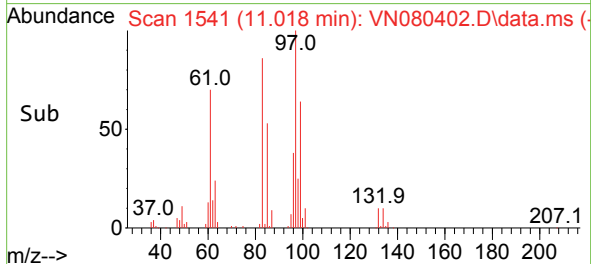
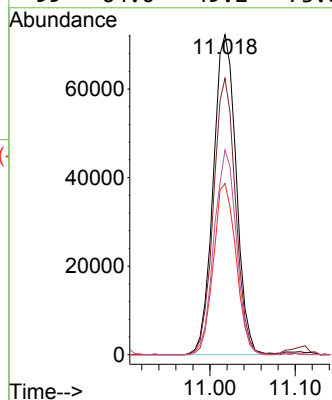
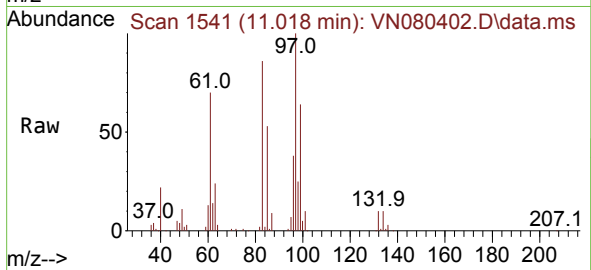
Ion Ratio Lower Upper

97 100

83 86.4 65.1 97.7

85 53.5 43.4 65.2

99 64.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 62.550 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

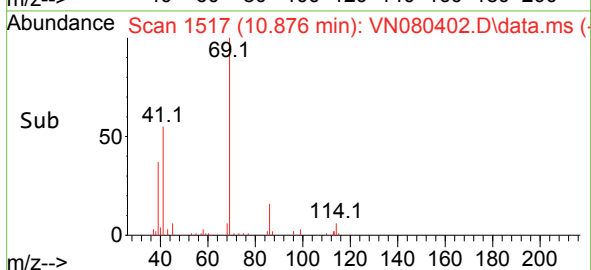
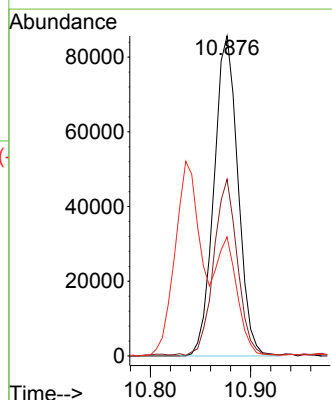
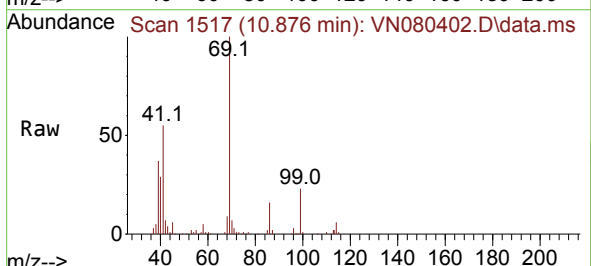
Tgt Ion: 69 Resp: 142291

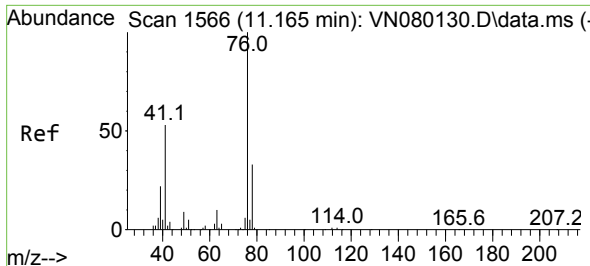
Ion Ratio Lower Upper

69 100

41 53.8 39.6 59.4

39 32.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 60.627 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

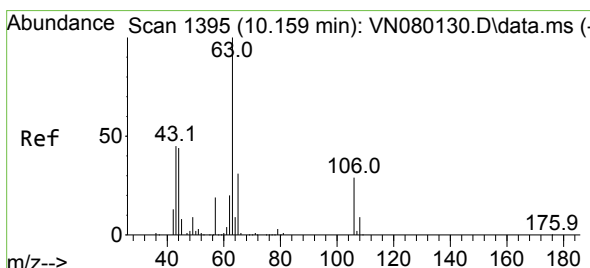
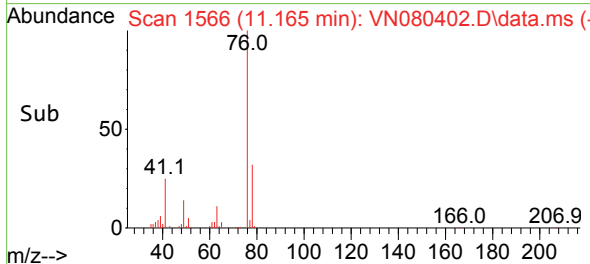
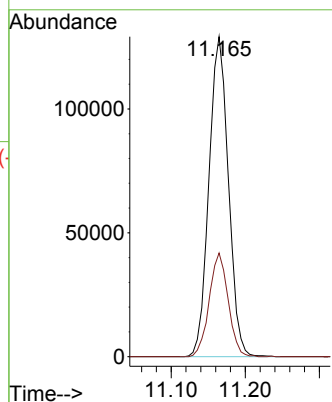
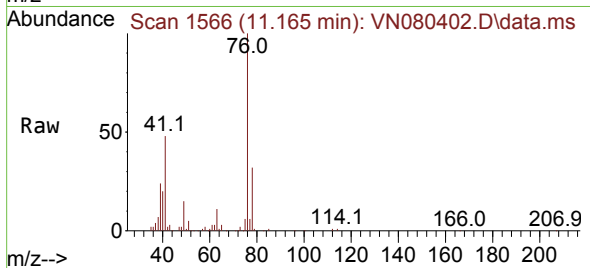
ClientSampleId :

Tgt Ion: 76 Resp: 235709

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 249.459 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080402.D

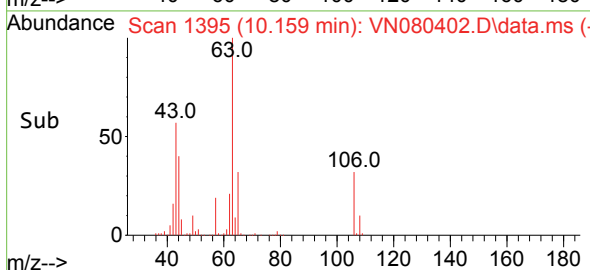
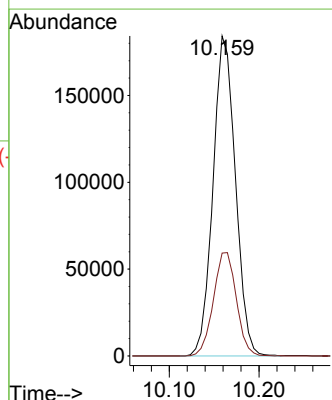
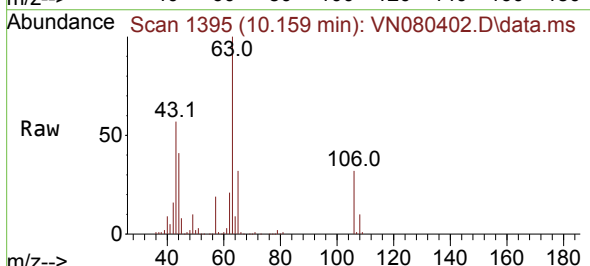
Acq: 08 Dec 2023 13:15

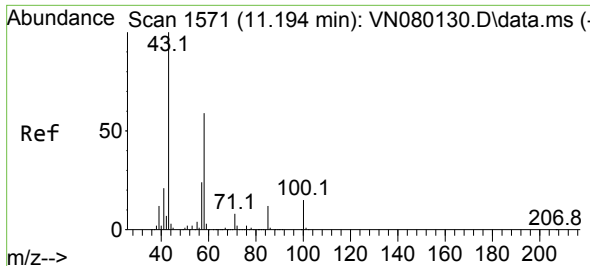
Tgt Ion: 63 Resp: 319702

Ion Ratio Lower Upper

63 100

106 33.1 26.2 39.4

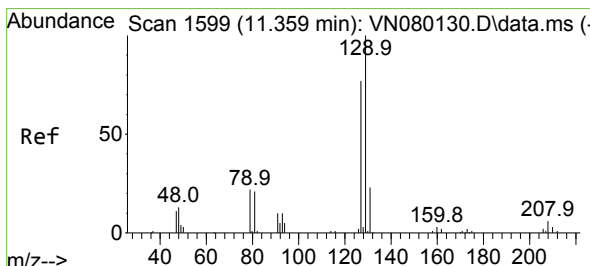
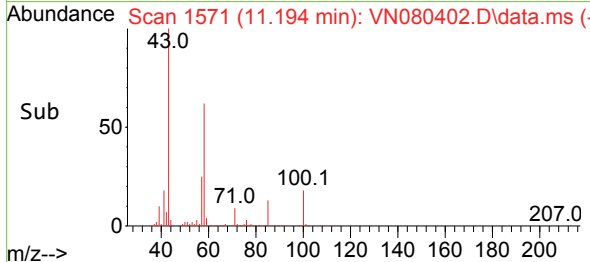
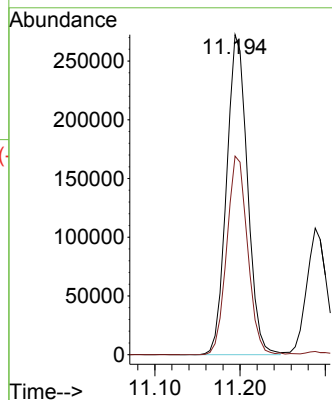
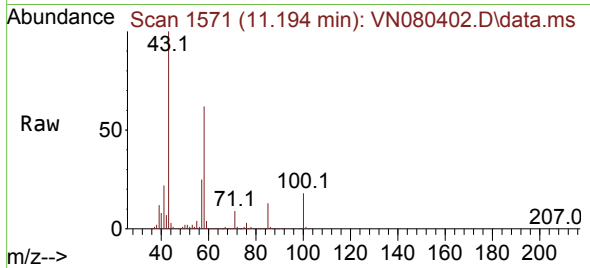




#59
2-Hexanone
Concen: 251.374 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

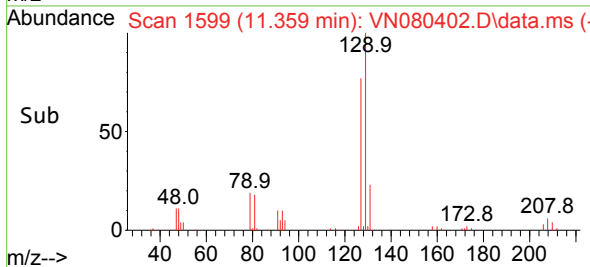
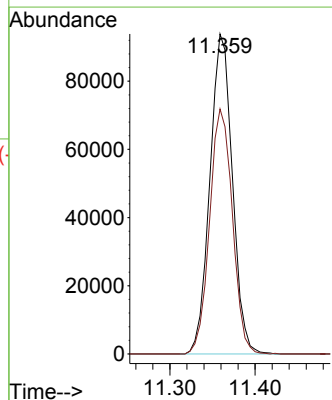
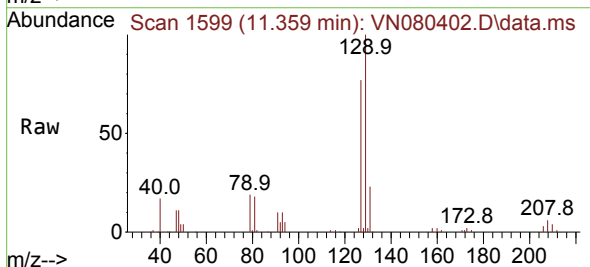
Instrument :
MSVOA_N
ClientSampleId :

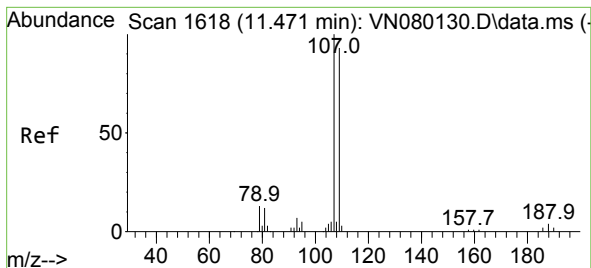
Tgt Ion: 43 Resp: 463020
Ion Ratio Lower Upper
43 100
58 62.1 31.7 95.1



#60
Dibromochloromethane
Concen: 64.510 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 129 Resp: 171980
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

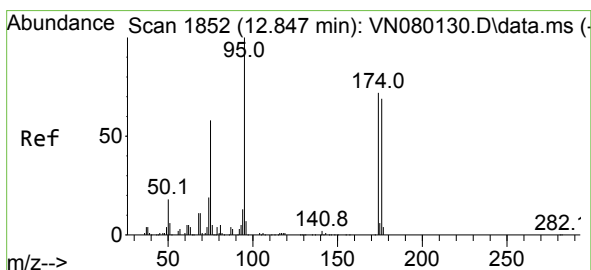
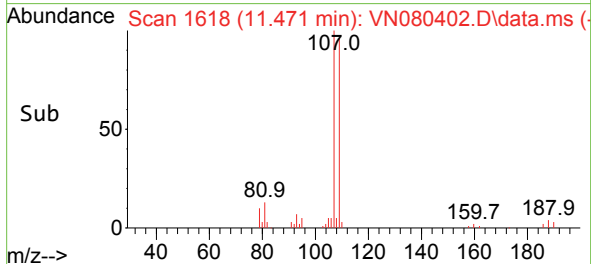
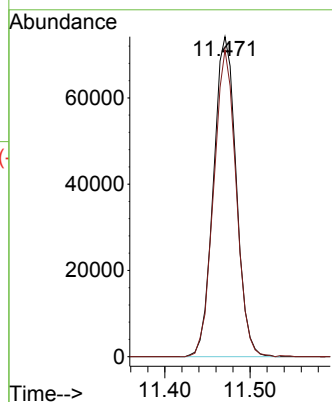
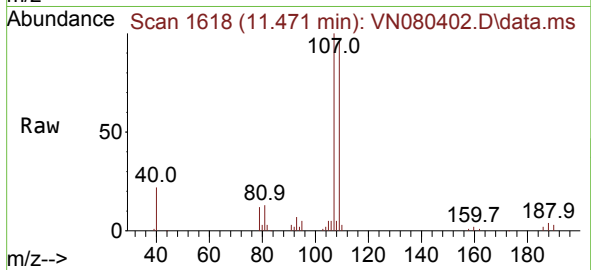




#61
1,2-Dibromoethane
Concen: 60.480 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

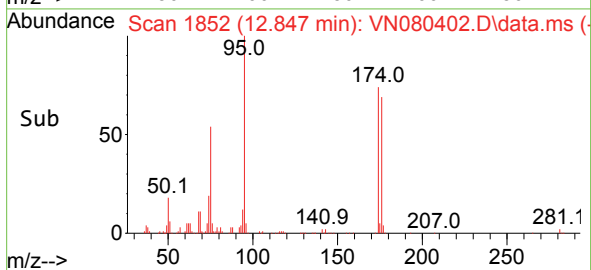
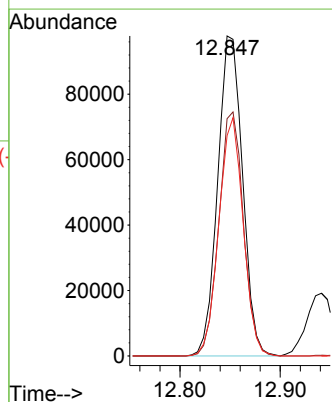
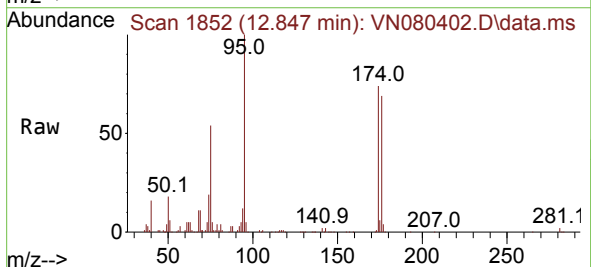
Instrument :
MSVOA_N
ClientSampleId :

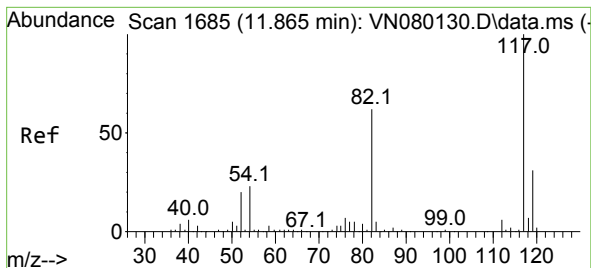
Tgt Ion:107 Resp: 137393
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 95 Resp: 168244
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

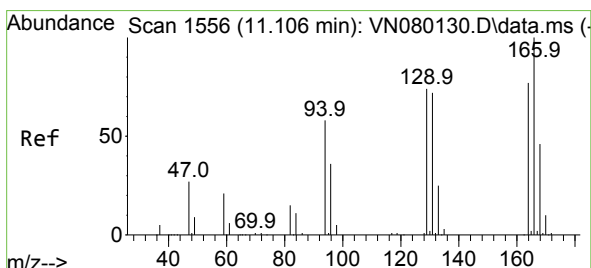
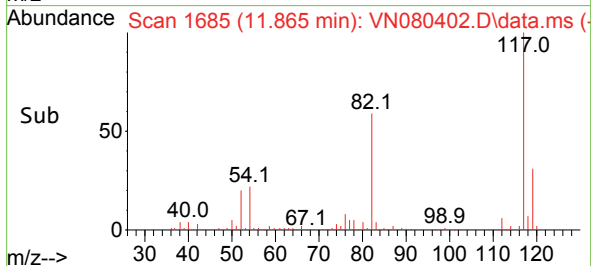
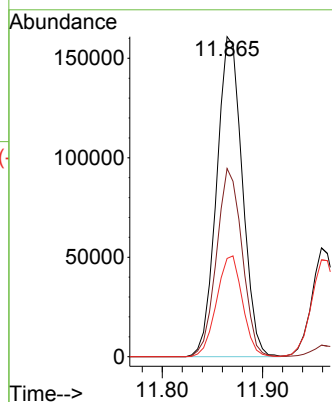
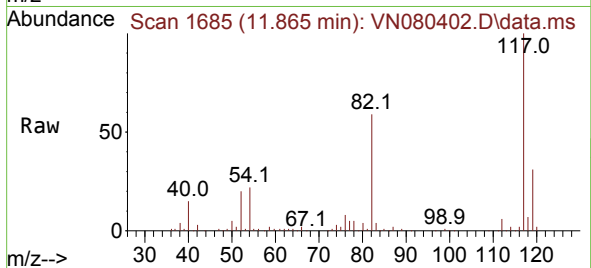
Tgt Ion:117 Resp: 286179

Ion Ratio Lower Upper

117 100

82 58.8 44.0 66.0

119 30.7 25.6 38.4



#64

Tetrachloroethene

Concen: 65.205 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Tgt Ion:164 Resp: 142408

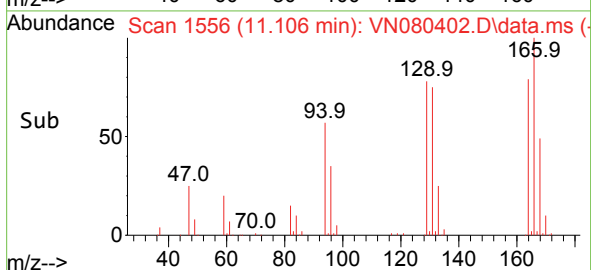
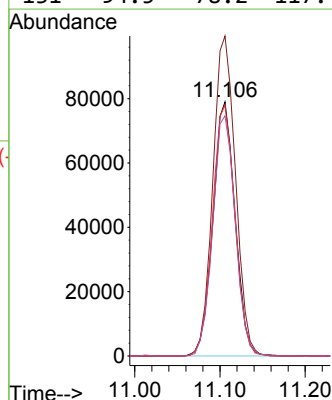
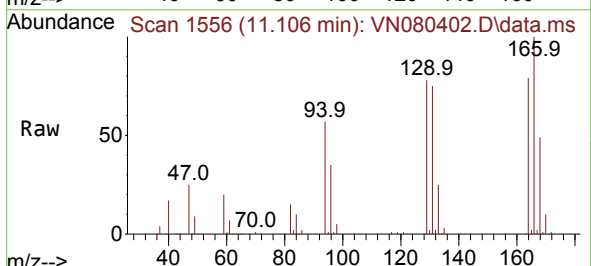
Ion Ratio Lower Upper

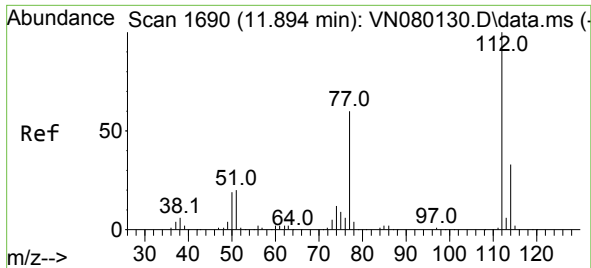
164 100

166 125.9 101.4 152.0

129 98.7 82.4 123.6

131 94.5 78.2 117.4

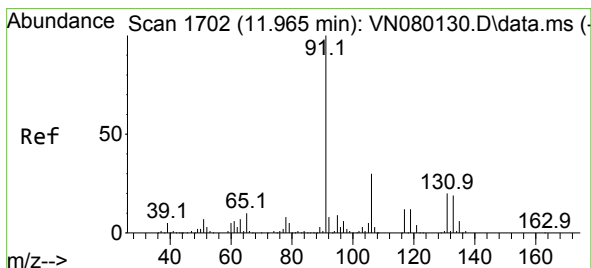
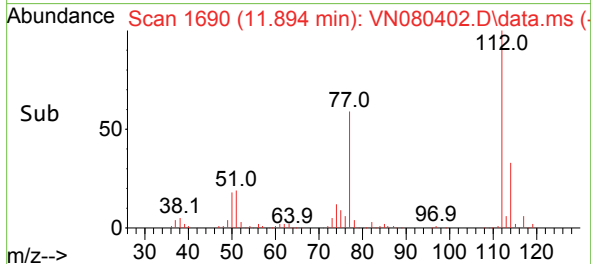
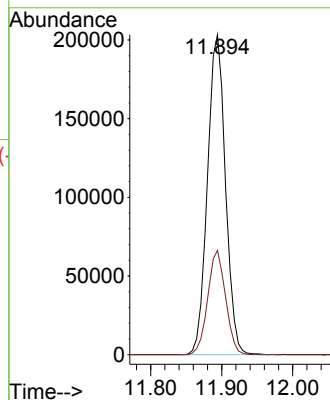
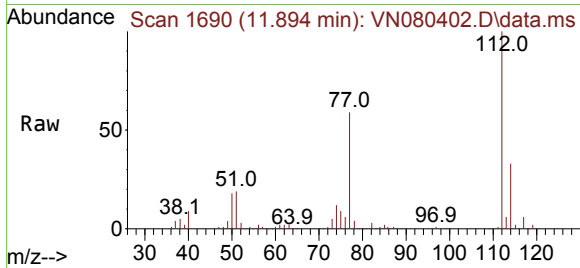




#65
Chlorobenzene
Concen: 55.214 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

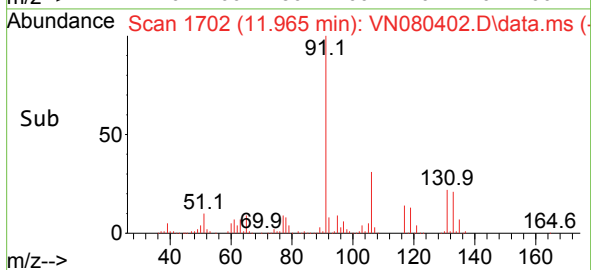
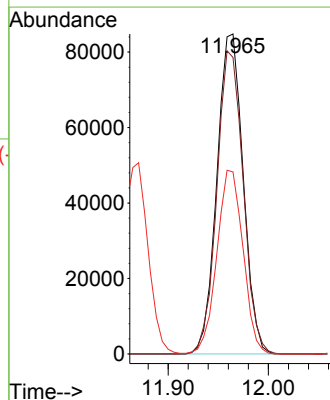
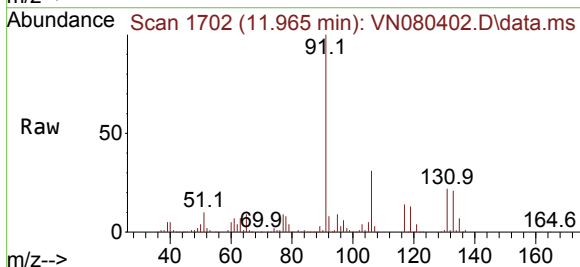
Instrument :
MSVOA_N
ClientSampleId :

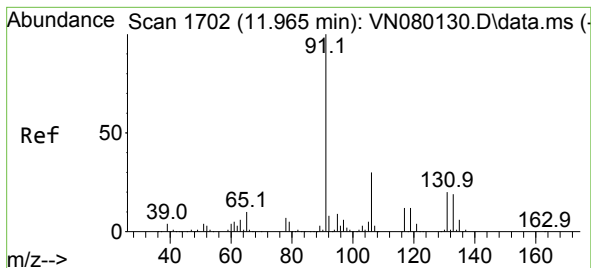
Tgt Ion:112 Resp: 358043
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 61.328 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:131 Resp: 154329
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 57.3 34.1 102.2





#67

Ethyl Benzene

Concen: 55.291 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

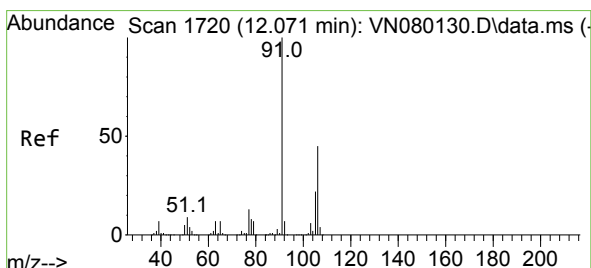
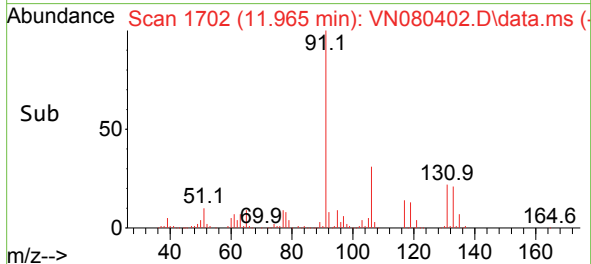
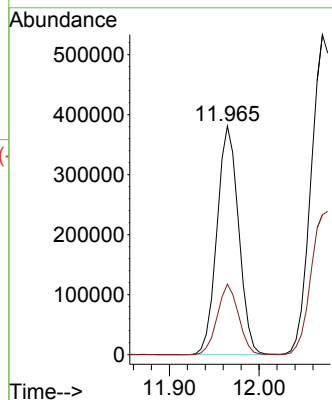
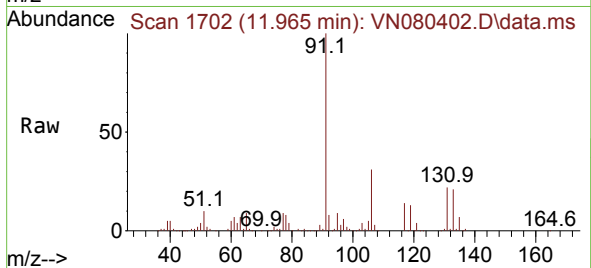
ClientSampleId :

Tgt Ion: 91 Resp: 638000

Ion Ratio Lower Upper

91 100

106 30.9 25.6 38.4



#68

m/p-Xylenes

Concen: 113.203 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080402.D

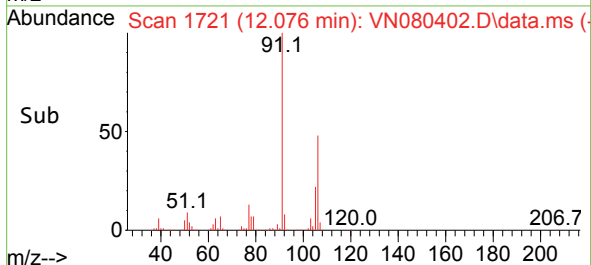
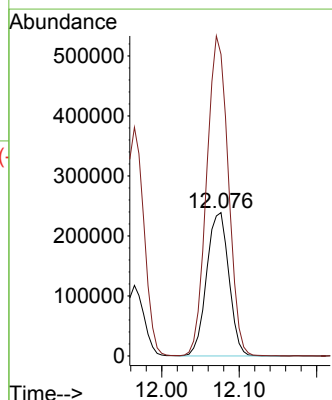
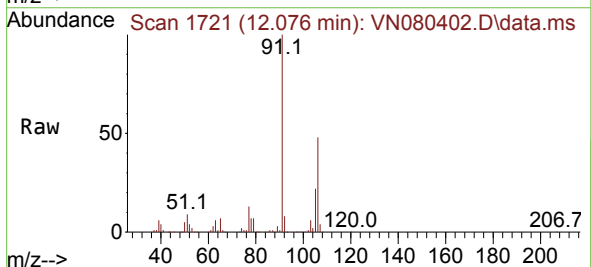
Acq: 08 Dec 2023 13:15

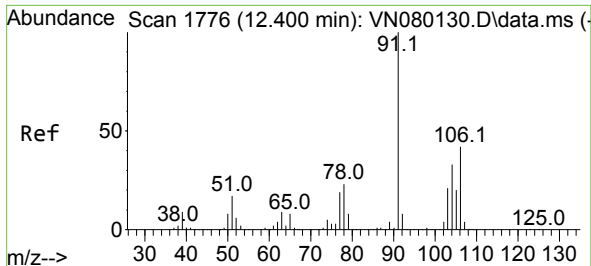
Tgt Ion:106 Resp: 476267

Ion Ratio Lower Upper

106 100

91 217.3 159.6 239.4

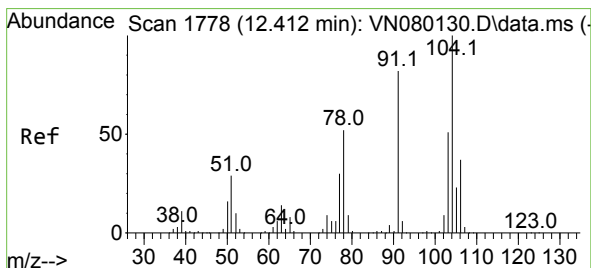
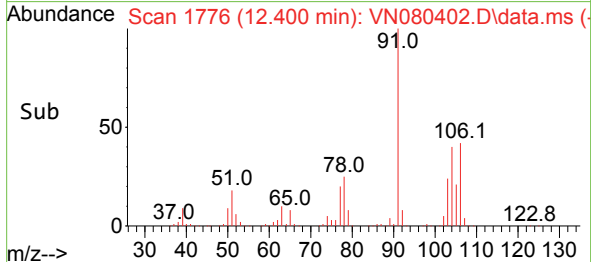
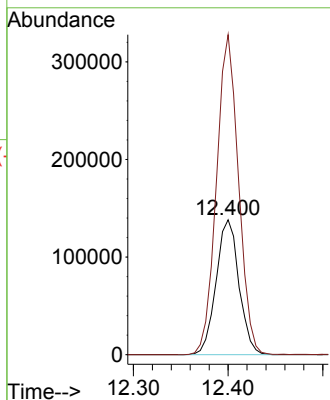
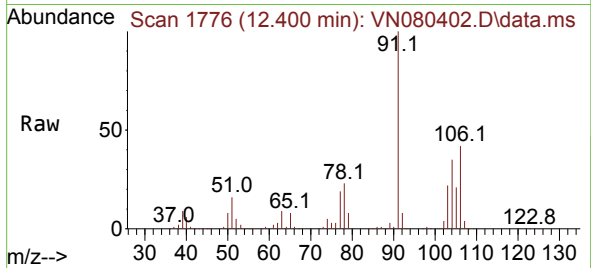




#69
o-Xylene
Concen: 58.505 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

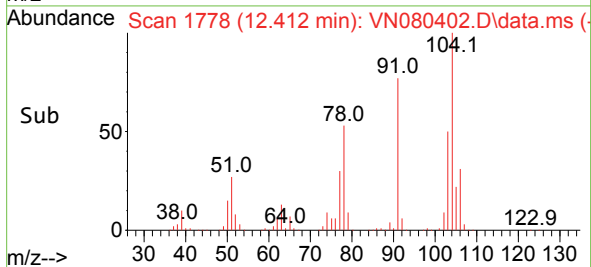
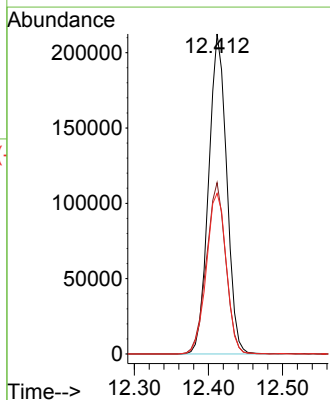
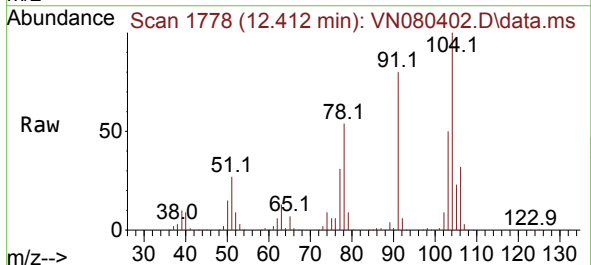
Instrument :
MSVOA_N
ClientSampleId :

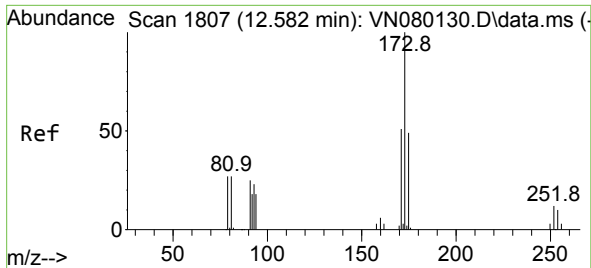
Tgt Ion:106 Resp: 231970
Ion Ratio Lower Upper
106 100
91 229.1 105.2 315.5



#70
Styrene
Concen: 61.058 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

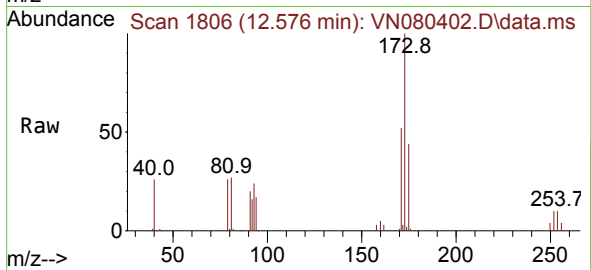
Tgt Ion:104 Resp: 360328
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 55.1 43.2 64.8



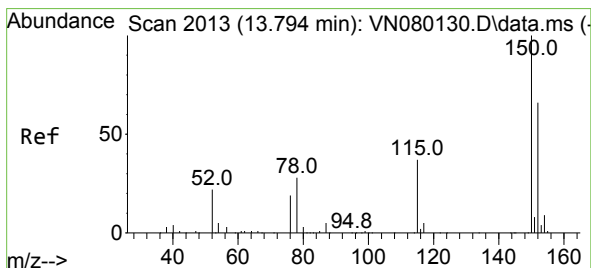
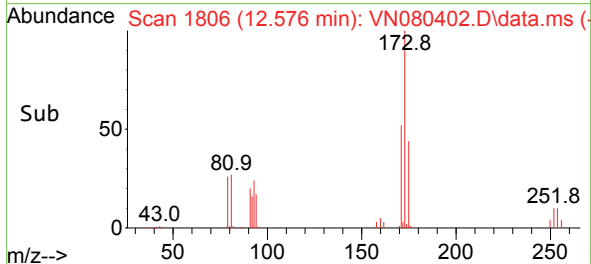
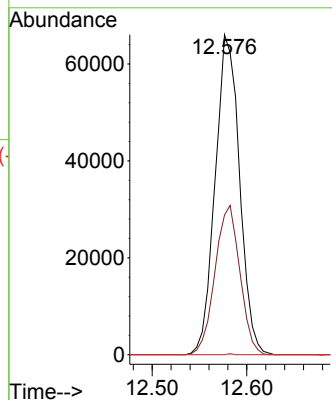


#71
Bromoform
Concen: 63.348 ug/l
RT: 12.576 min Scan# 118217
Delta R.T. -0.006 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :

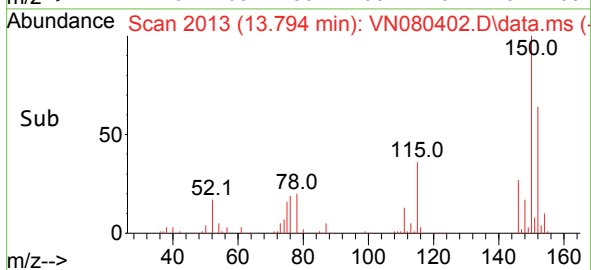
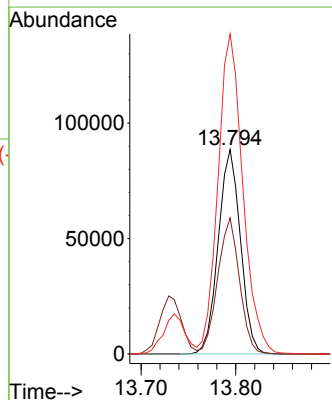
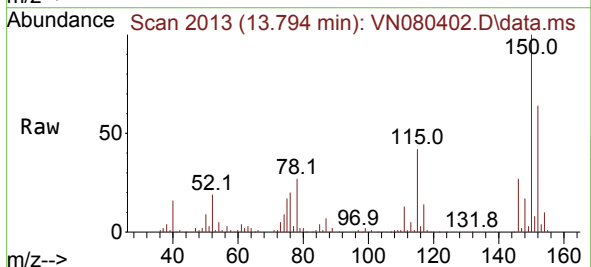


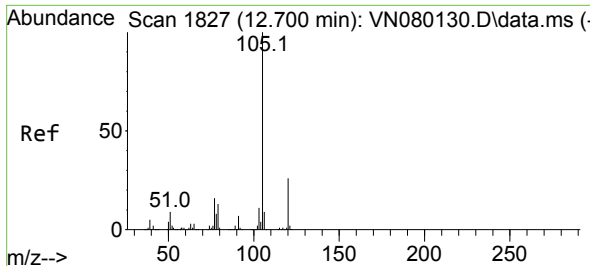
Tgt Ion:173 Resp: 118217
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:152 Resp: 144246
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 175.6 0.0 355.8

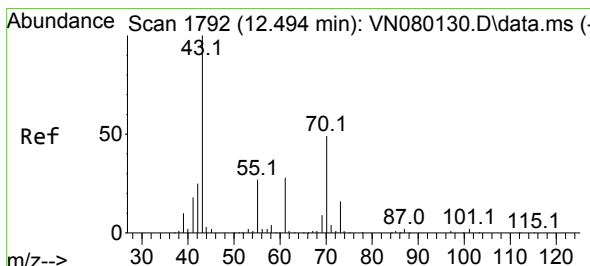
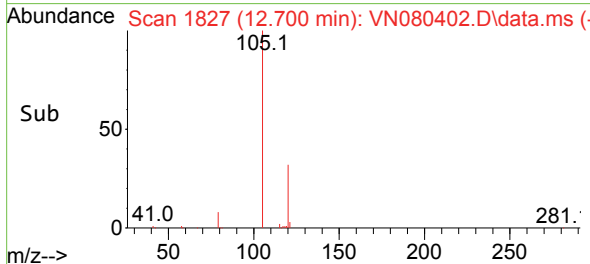
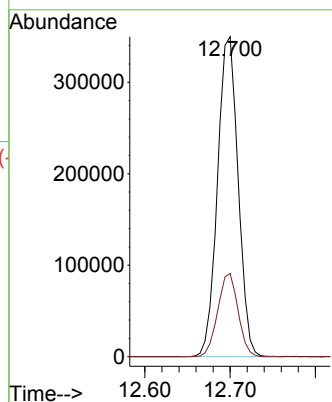
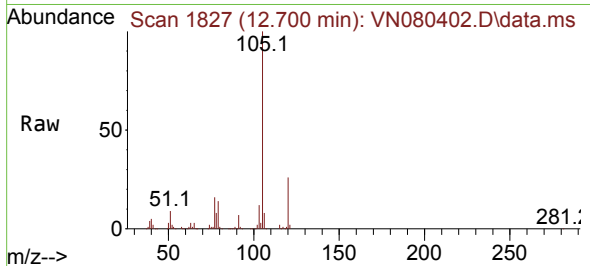




#73
Isopropylbenzene
Concen: 52.430 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

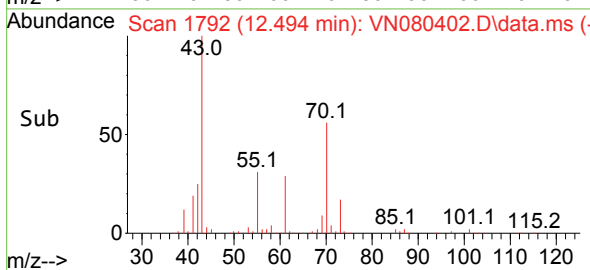
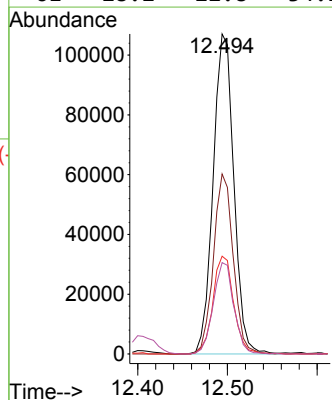
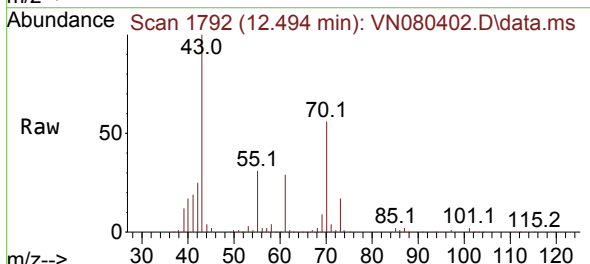
Instrument :
MSVOA_N
ClientSampleId :

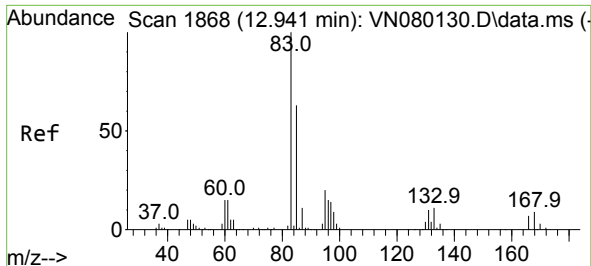
Tgt Ion:105 Resp: 587683
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 49.021 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 43 Resp: 171352
Ion Ratio Lower Upper
43 100
70 53.9 43.4 65.2
55 30.7 21.4 32.0
61 28.2 22.8 34.2

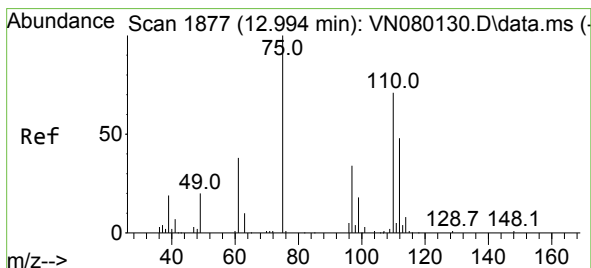
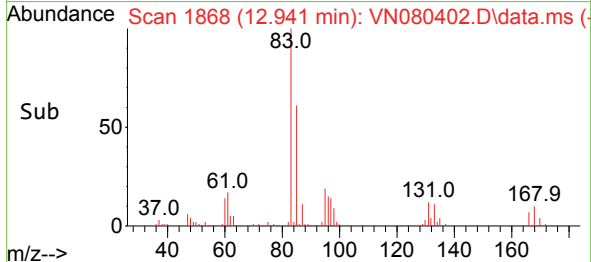
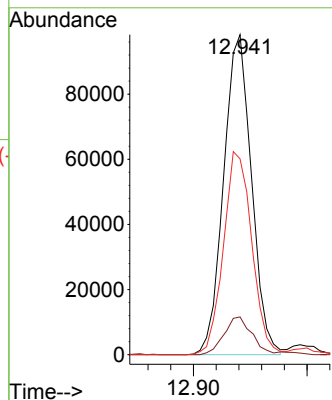
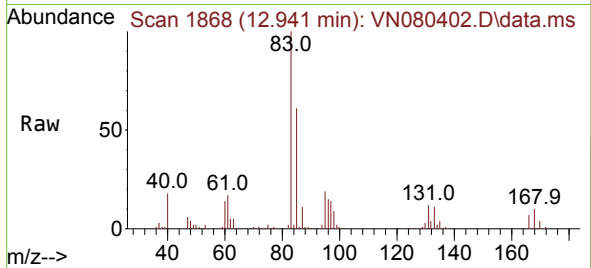




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.914 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

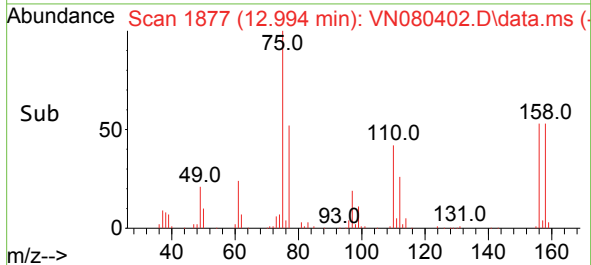
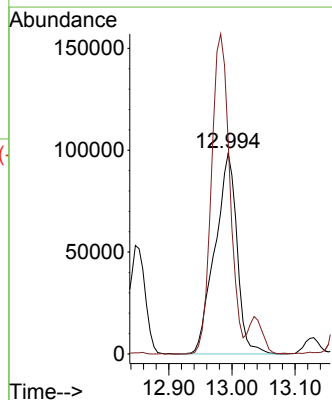
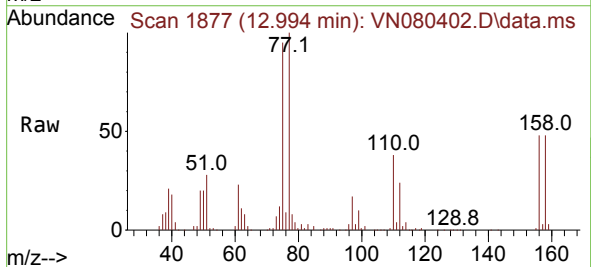
Instrument :
 MSVOA_N
 ClientSampleId :

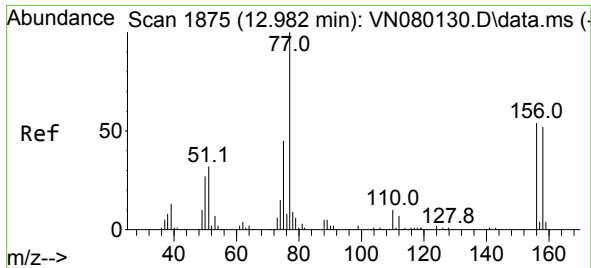
Tgt Ion: 83 Resp: 167452
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.0 15.0
 85 64.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 67.622 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion: 75 Resp: 238994
 Ion Ratio Lower Upper
 75 100
 77 132.2 84.5 253.5

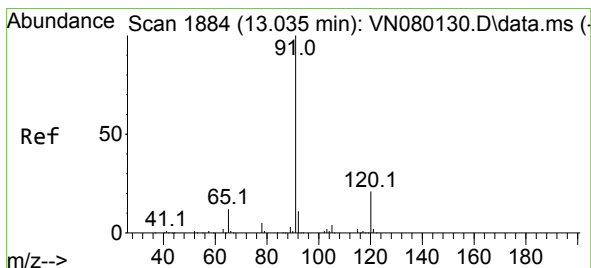
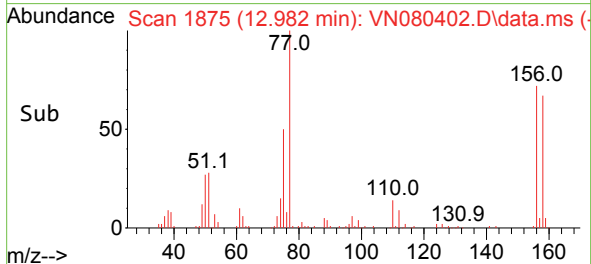
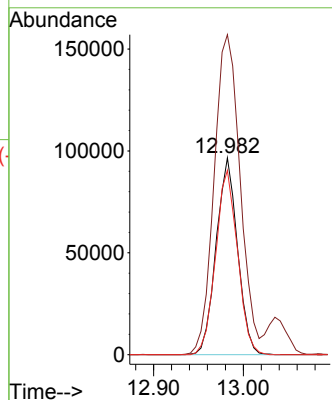
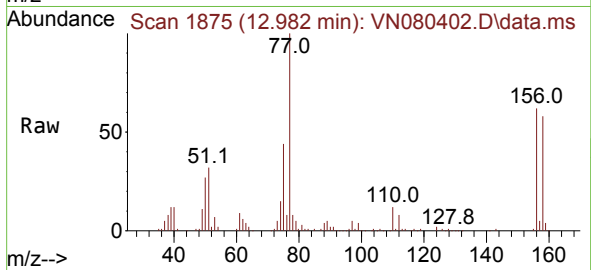




#77
Bromobenzene
Concen: 56.590 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

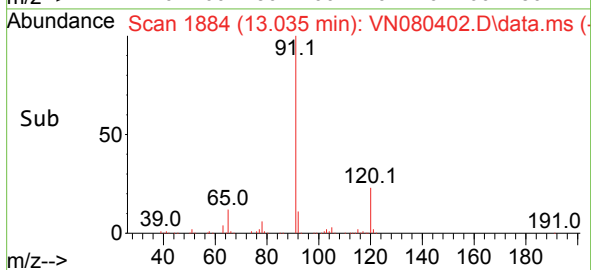
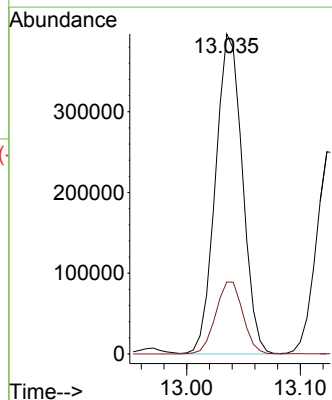
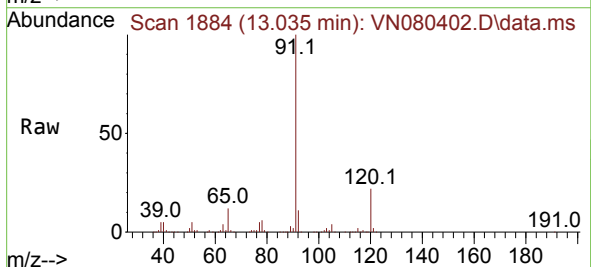
Instrument :
MSVOA_N
ClientSampleId :

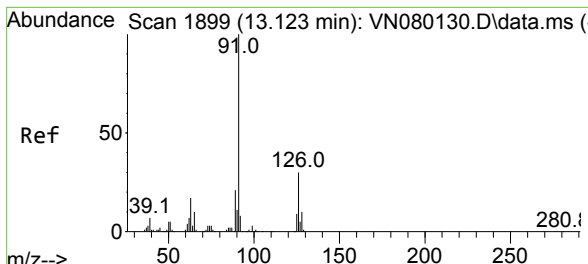
Tgt Ion:156 Resp: 159925
Ion Ratio Lower Upper
156 100
77 197.5 107.7 323.3
158 95.9 48.4 145.3



#78
n-propylbenzene
Concen: 52.082 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 91 Resp: 652808
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

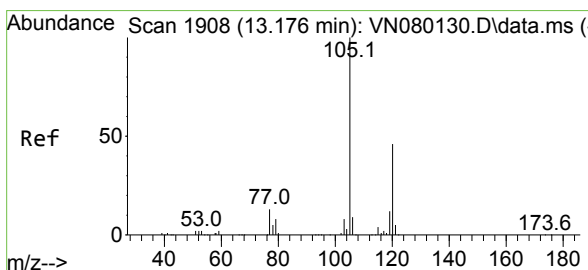
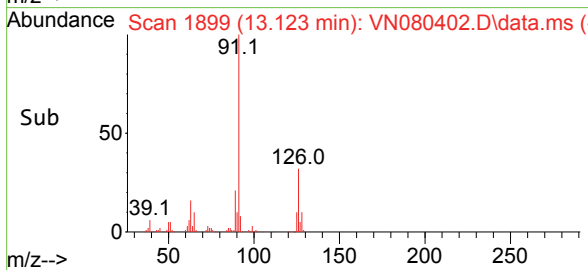
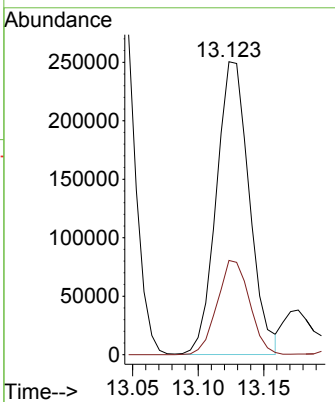
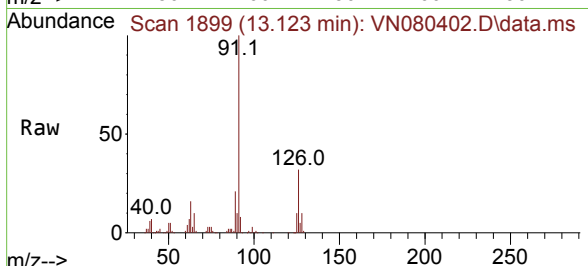




#79
 2-Chlorotoluene
 Concen: 53.901 ug/l
 RT: 13.123 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

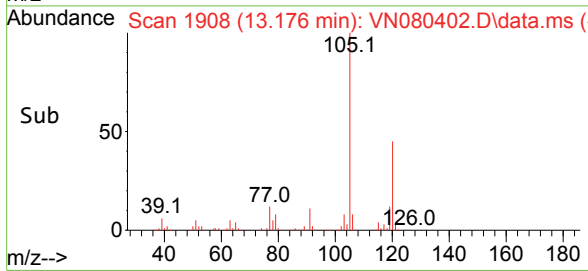
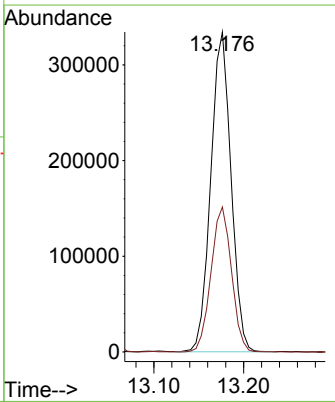
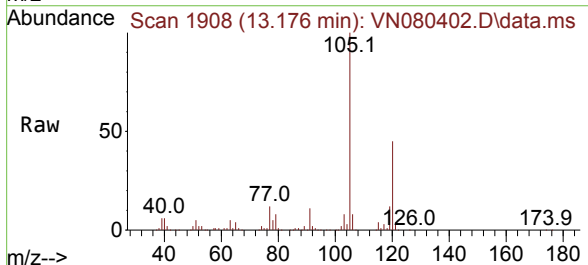
Instrument :
 MSVOA_N
 ClientSampleId :

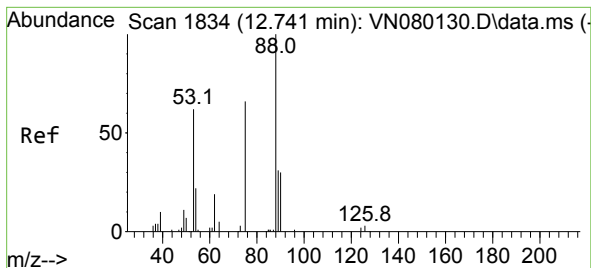
Tgt Ion:	91	Resp:	438800
Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.3	48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.597 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion:	105	Resp:	522967
Ion	Ratio	Lower	Upper
105	100		
120	45.9	24.1	72.3

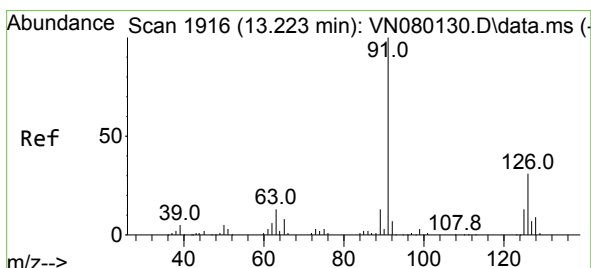
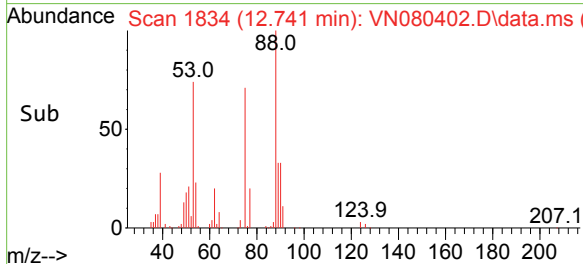
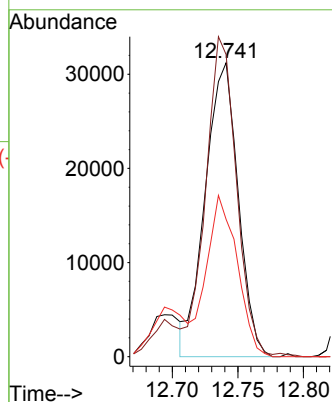
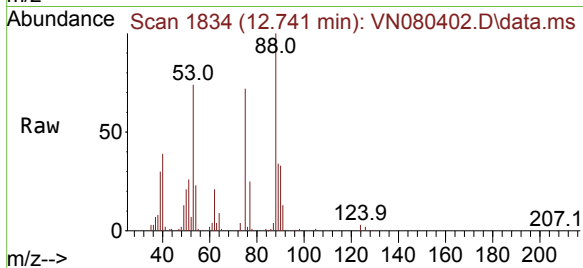




#81
trans-1,4-Dichloro-2-butene
Concen: 52.217 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

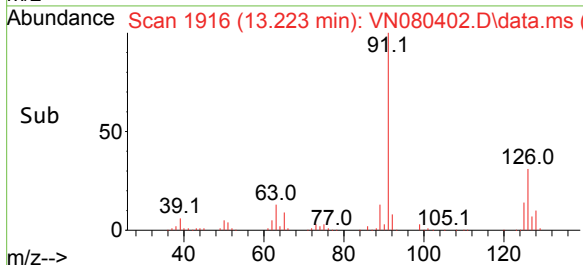
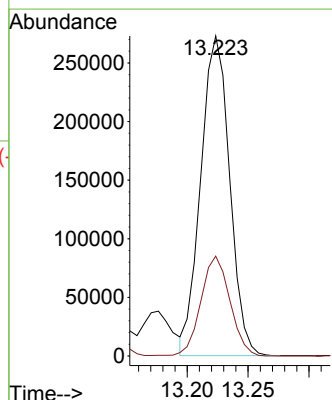
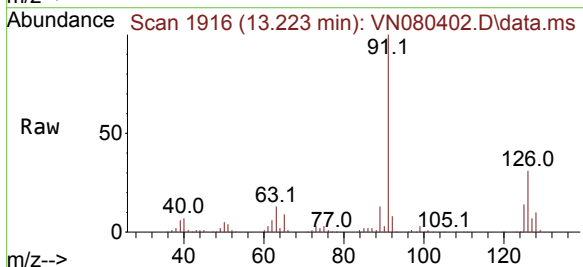
Instrument :
MSVOA_N
ClientSampleId :

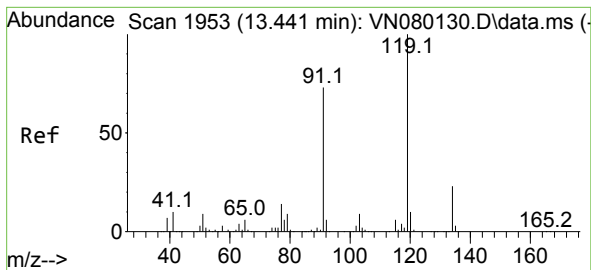
Tgt Ion: 75 Resp: 54623
Ion Ratio Lower Upper
75 100
53 102.0 67.4 101.2#
89 51.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.990 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion: 91 Resp: 450269
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 52.254 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

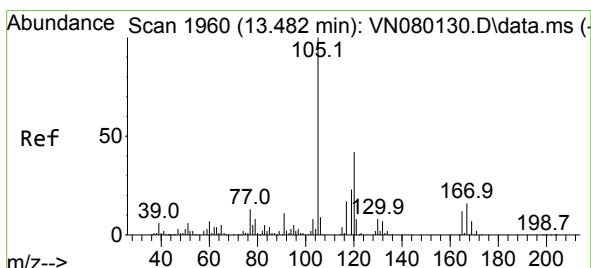
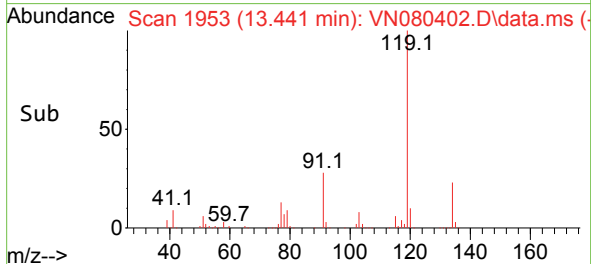
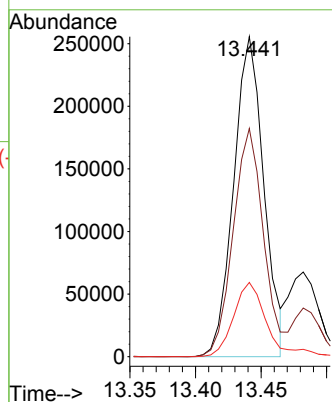
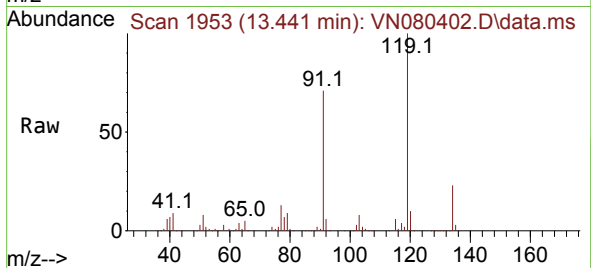
Tgt Ion:119 Resp: 408873

Ion Ratio Lower Upper

119 100

91 72.7 33.9 101.7

134 25.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.492 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080402.D

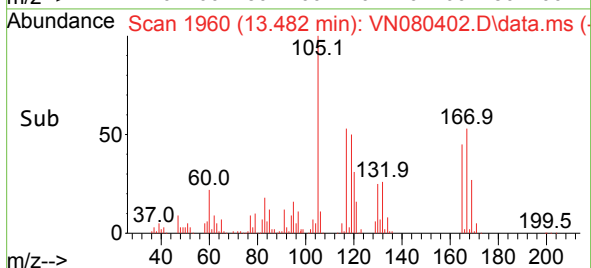
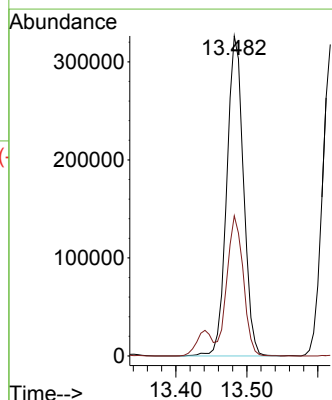
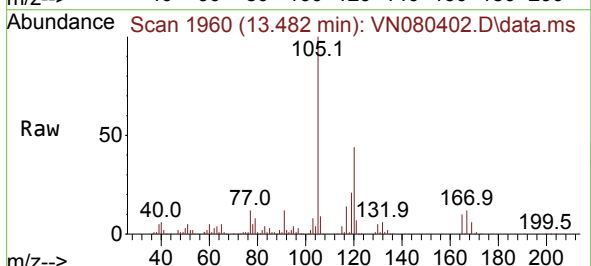
Acq: 08 Dec 2023 13:15

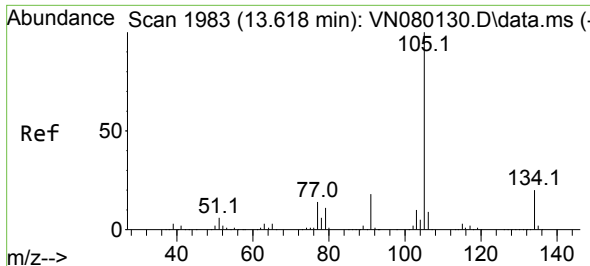
Tgt Ion:105 Resp: 533162

Ion Ratio Lower Upper

105 100

120 43.1 22.0 66.0

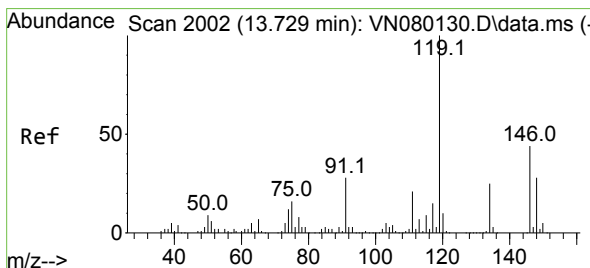
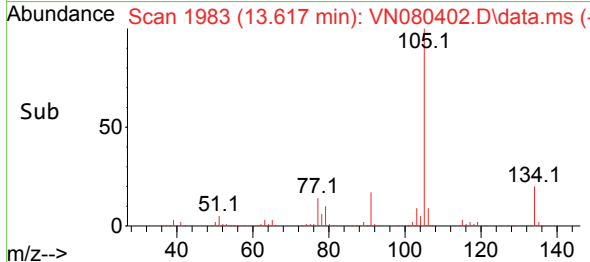
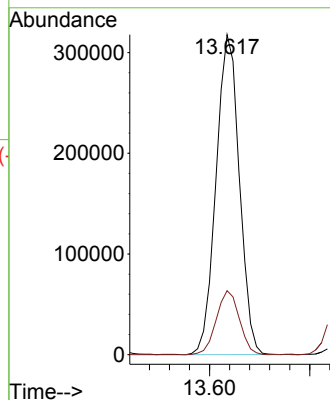
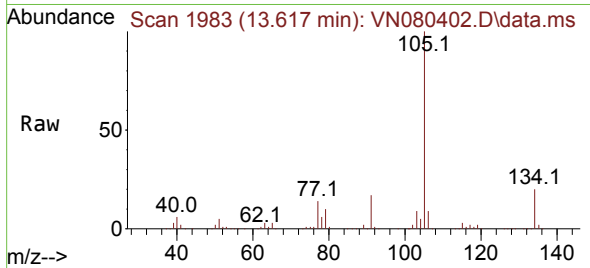




#85
 sec-Butylbenzene
 Concen: 51.741 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

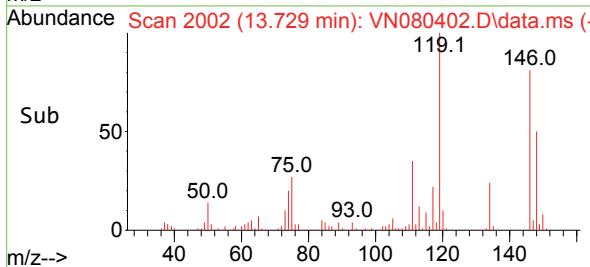
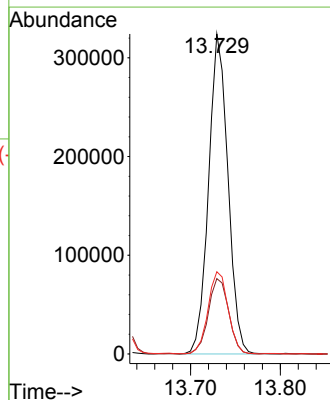
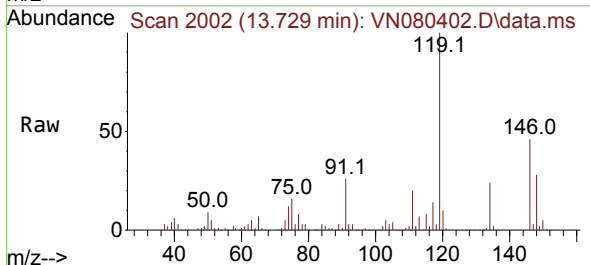
Instrument :
 MSVOA_N
 ClientSampleId :

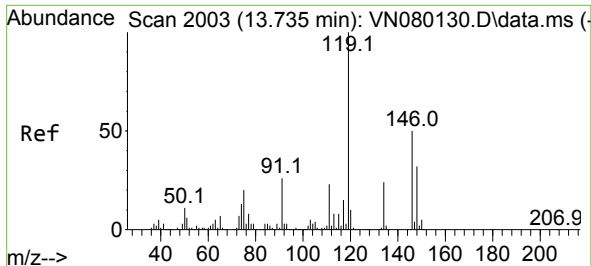
Tgt Ion:105 Resp: 512154
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 54.907 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080402.D
 Acq: 08 Dec 2023 13:15

Tgt Ion:119 Resp: 485510
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.7 12.4 37.2

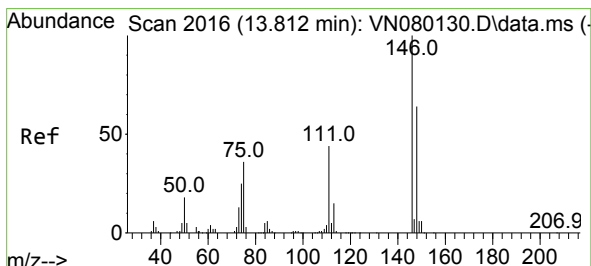
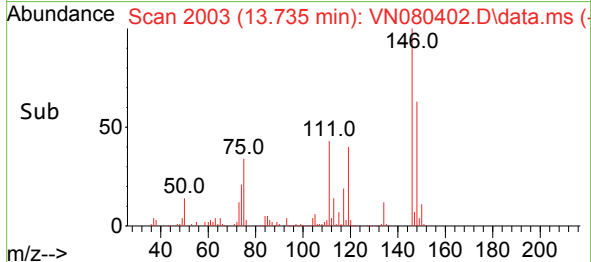
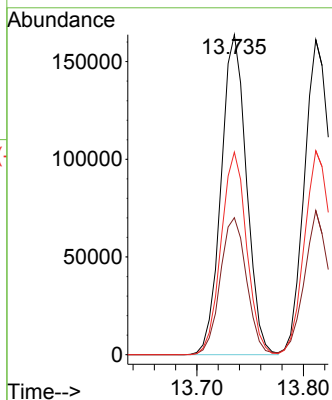
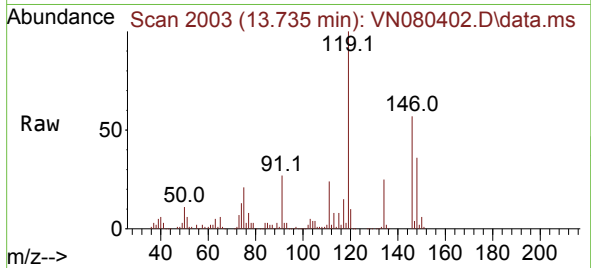




#87
1,3-Dichlorobenzene
Concen: 53.216 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

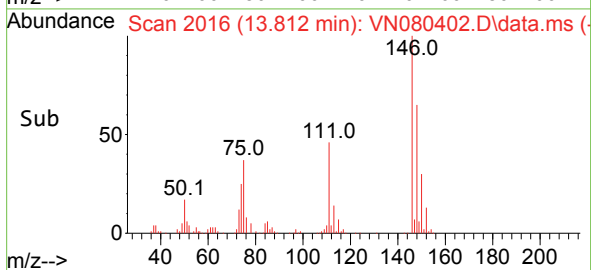
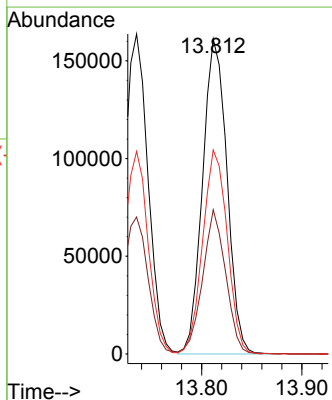
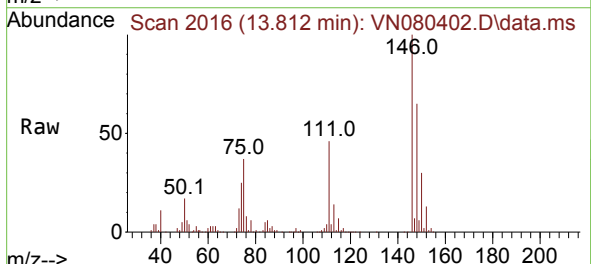
Instrument :
MSVOA_N
ClientSampleId :

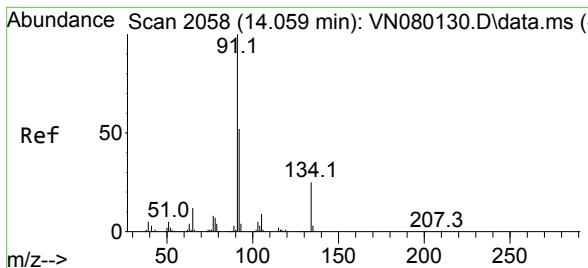
Tgt Ion:146 Resp: 270952
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.3
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.331 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

Tgt Ion:146 Resp: 272885
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.8
148 65.3 31.6 94.8

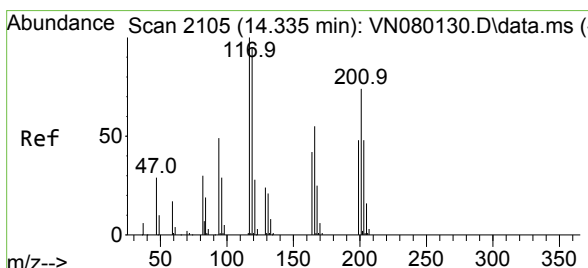
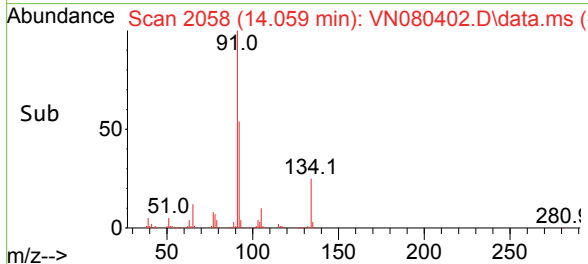
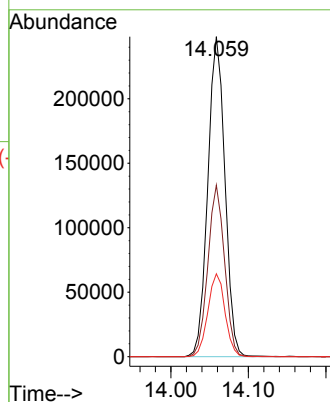
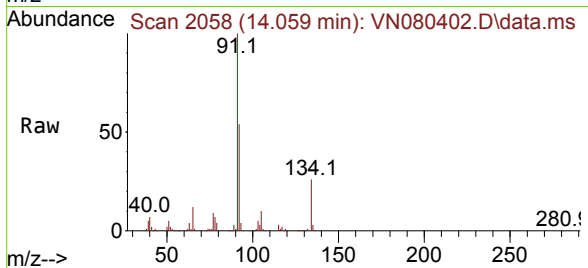




#89
n-Butylbenzene
Concen: 51.403 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

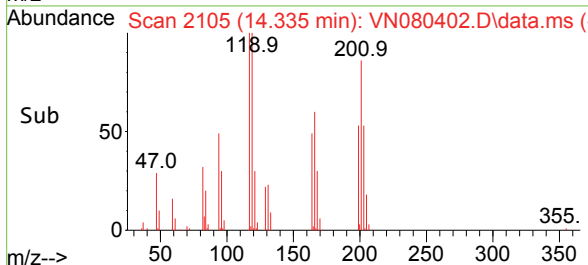
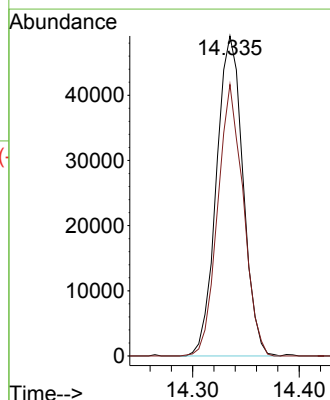
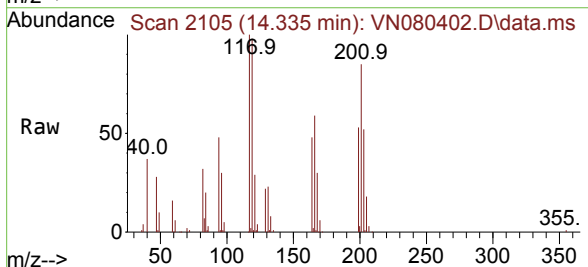
Instrument :
MSVOA_N
ClientSampleId :

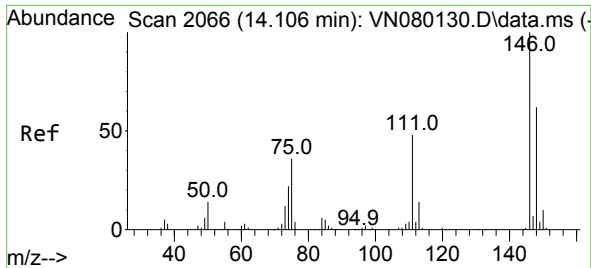
Tgt Ion: 91 Resp: 380434
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: 49.350 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

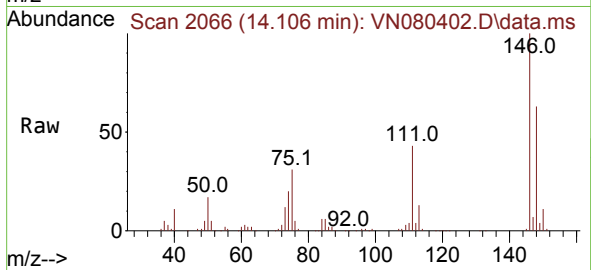
Tgt Ion: 117 Resp: 85071
Ion Ratio Lower Upper
117 100
201 81.6 29.3 88.0



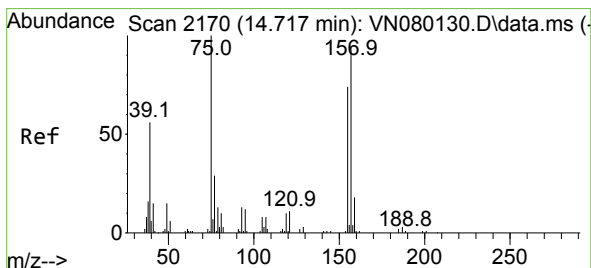
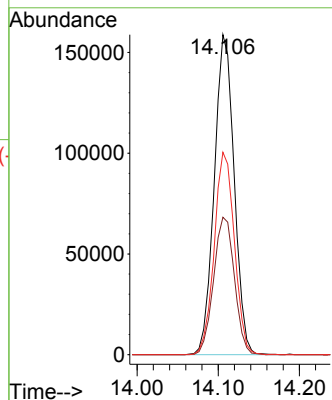
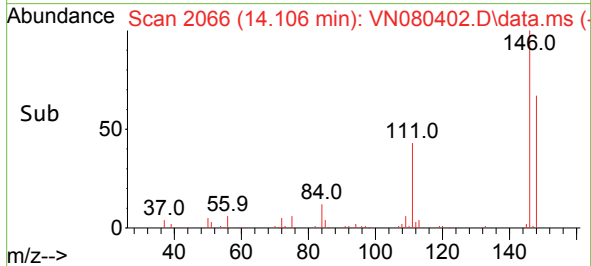


#91
1,2-Dichlorobenzene
Concen: 55.532 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15

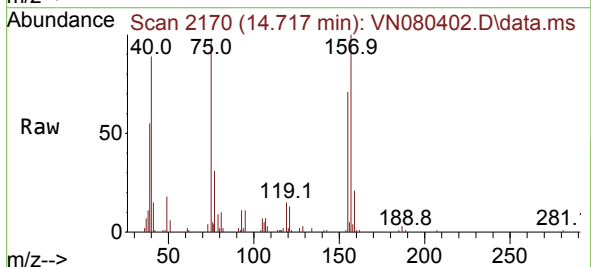
Instrument :
MSVOA_N
ClientSampleId :



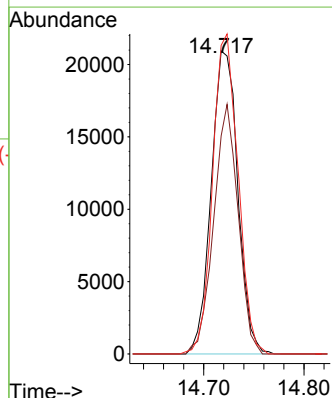
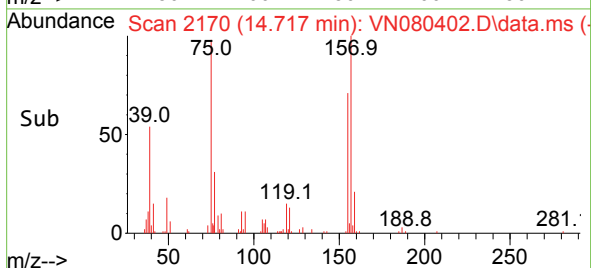
Tgt Ion:146 Resp: 270567
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 64.2 31.8 95.3

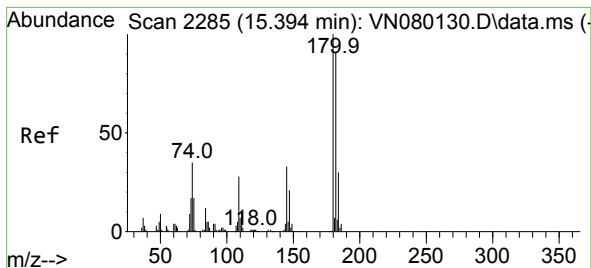


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.527 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080402.D
Acq: 08 Dec 2023 13:15



Tgt Ion: 75 Resp: 38593
Ion Ratio Lower Upper
75 100
155 75.7 39.1 117.2
157 100.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.417 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

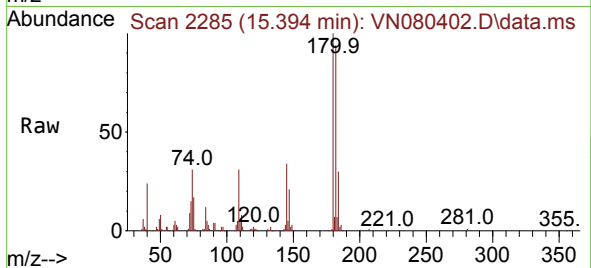
Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :



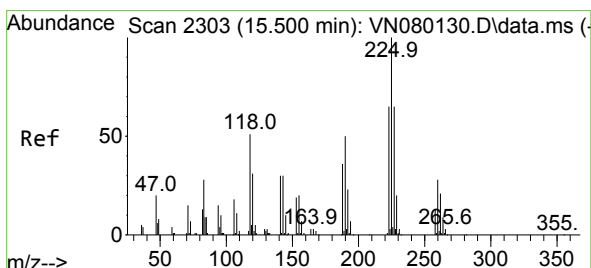
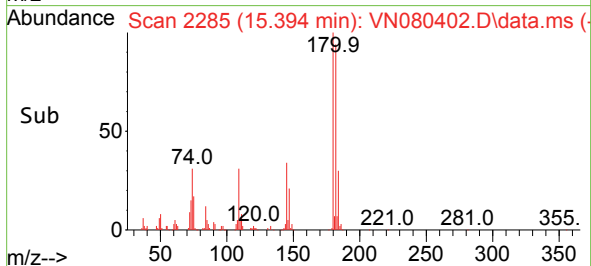
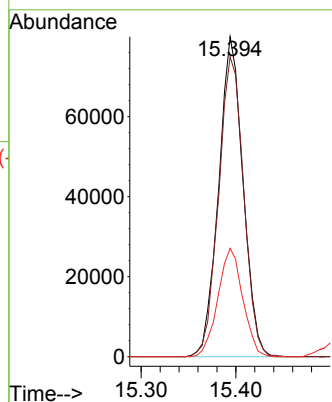
Tgt Ion:180 Resp: 142870

Ion Ratio Lower Upper

180 100

182 96.5 46.1 138.2

145 34.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.936 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

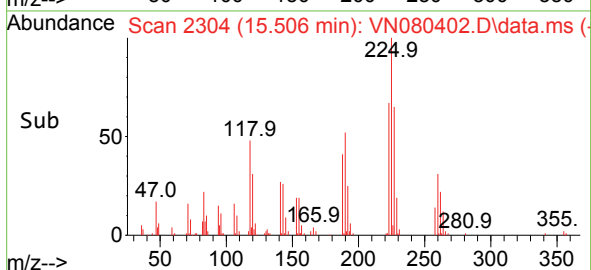
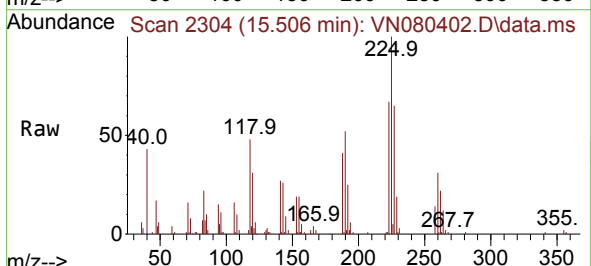
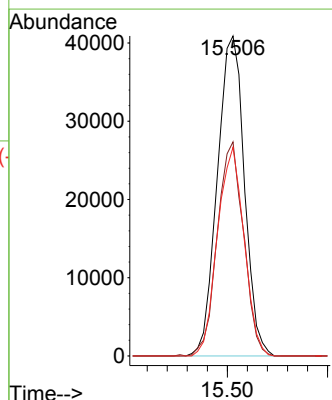
Tgt Ion:225 Resp: 76542

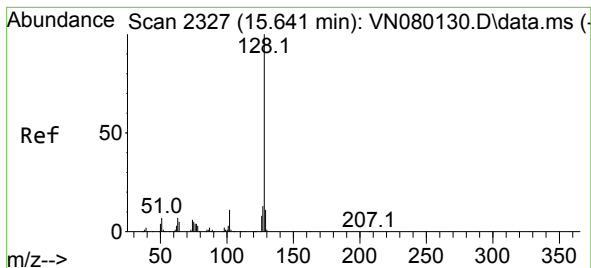
Ion Ratio Lower Upper

225 100

223 65.0 31.3 93.8

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 49.047 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

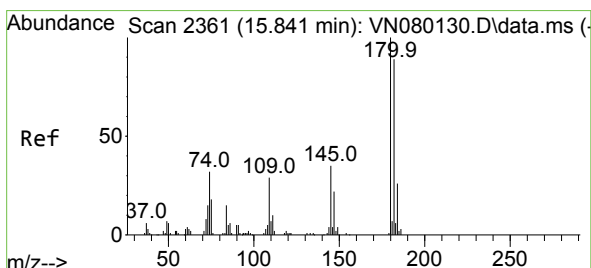
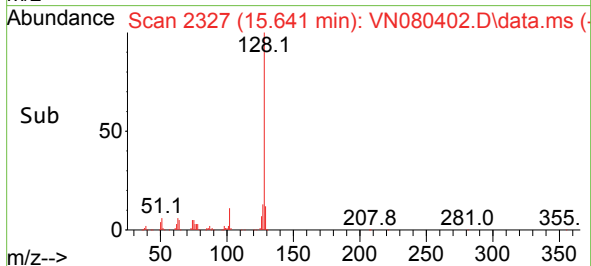
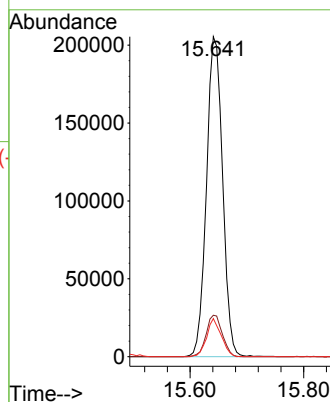
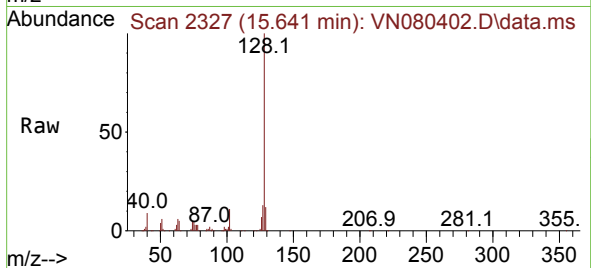
Tgt Ion:128 Resp: 403037

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.554 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080402.D

Acq: 08 Dec 2023 13:15

Tgt Ion:180 Resp: 136935

Ion Ratio Lower Upper

180 100

182 96.5 46.2 138.6

145 35.8 17.5 52.6

