

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080803.D
 Acq On : 29 Jan 2024 20:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 30 01:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	116178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	211476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	99206	49.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.165	113	69867	46.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.571	98	279839	47.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.847	95	96301	47.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83863	48.599	ug/l	96
3) Chloromethane	2.359	50	125482	48.376	ug/l	96
4) Vinyl Chloride	2.512	62	97623	49.504	ug/l	95
5) Bromomethane	2.942	94	36682	46.505	ug/l	97
6) Chloroethane	3.112	64	56145	53.402	ug/l	98
7) Trichlorofluoromethane	3.495	101	124717	48.866	ug/l	94
8) Diethyl Ether	3.959	74	59450	50.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	71959	48.350	ug/l	98
10) Methyl Iodide	4.589	142	59977	47.739	ug/l #	97
11) Tert butyl alcohol	5.518	59	86439	263.833	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77037	47.240	ug/l	91
13) Acrolein	4.177	56	112691	272.757	ug/l	98
14) Allyl chloride	5.024	41	156829	48.654	ug/l	95
15) Acrylonitrile	5.718	53	263076	266.990	ug/l	98
16) Acetone	4.424	43	181778	249.381	ug/l	94
17) Carbon Disulfide	4.712	76	240770	47.425	ug/l	96
18) Methyl Acetate	5.018	43	133280	52.465	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	288016	50.124	ug/l	97
20) Methylene Chloride	5.277	84	92393	48.287	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	84898	47.919	ug/l	90
22) Diisopropyl ether	6.677	45	367223	51.634	ug/l	97
23) Vinyl Acetate	6.600	43	1425944	277.100	ug/l	100
24) 1,1-Dichloroethane	6.571	63	187840	52.078	ug/l	97
25) 2-Butanone	7.483	43	363437	262.501	ug/l	99
26) 2,2-Dichloropropane	7.488	77	138847	47.627	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	101937	49.705	ug/l	98
28) Bromochloromethane	7.818	49	99288	51.993	ug/l	96
29) Tetrahydrofuran	7.841	42	251565	268.524	ug/l	98
30) Chloroform	7.965	83	168183	50.190	ug/l	93
31) Cyclohexane	8.253	56	159202	46.193	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	138278	50.887	ug/l	97
36) 1,1-Dichloropropene	8.371	75	132331	47.729	ug/l	99
37) Ethyl Acetate	7.565	43	141408	49.545	ug/l	99
38) Carbon Tetrachloride	8.365	117	109238	48.900	ug/l	94
39) Methylcyclohexane	9.600	83	131399	47.681	ug/l	99
40) Benzene	8.606	78	408093	50.080	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87398	51.955	ug/l	91
42) 1,2-Dichloroethane	8.671	62	137290	51.714	ug/l	99
43) Isopropyl Acetate	8.688	43	263749	50.756	ug/l	98
44) Trichloroethene	9.353	130	85146	47.439	ug/l	99
45) 1,2-Dichloropropane	9.624	63	113787	51.598	ug/l #	87
46) Dibromomethane	9.712	93	65624	50.199	ug/l	96
47) Bromodichloromethane	9.888	83	128892	48.563	ug/l #	98
48) Methyl methacrylate	9.682	41	120121	47.682	ug/l	100
49) 1,4-Dioxane	9.694	88	30952	1020.010	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	763077	262.687	ug/l	99
52) Toluene	10.635	92	237410	50.813	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	154975	50.123	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	163414	48.602	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	90202	50.235	ug/l	96
56) Ethyl methacrylate	10.876	69	155344	56.278	ug/l	99
57) 1,3-Dichloropropane	11.165	76	173033	51.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	420414	261.265	ug/l	100
59) 2-Hexanone	11.194	43	564745	250.282	ug/l	99
60) Dibromochloromethane	11.365	129	84562	50.631	ug/l	99
61) 1,2-Dibromoethane	11.471	107	86070	51.147	ug/l	100
64) Tetrachloroethene	11.100	164	68643	49.383	ug/l	90
65) Chlorobenzene	11.894	112	222418	48.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	76713	51.112	ug/l	98
67) Ethyl Benzene	11.965	91	436970	50.939	ug/l	97
68) m/p-Xylenes	12.076	106	315855	103.679	ug/l	100
69) o-Xylene	12.400	106	158949	52.508	ug/l	97
70) Styrene	12.412	104	260336	53.549	ug/l	99
71) Bromoform	12.582	173	52070	51.310	ug/l #	94
73) Isopropylbenzene	12.700	105	373691	48.571	ug/l	100
74) N-amyl acetate	12.494	43	236374	49.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	127145	46.980	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	172336	68.012	ug/l	60
77) Bromobenzene	12.982	156	76163	46.310	ug/l	97
78) n-propylbenzene	13.035	91	467160	50.826	ug/l	98
79) 2-Chlorotoluene	13.129	91	279219	47.796	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	305822	49.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	46552	47.329	ug/l	93
82) 4-Chlorotoluene	13.223	91	278796	48.197	ug/l	99
83) tert-Butylbenzene	13.441	119	240184	49.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	303386	48.870	ug/l	97
85) sec-Butylbenzene	13.617	105	362385	50.235	ug/l	99
86) p-Isopropyltoluene	13.735	119	274400	48.948	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141055	47.950	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	137915	46.763	ug/l	99
89) n-Butylbenzene	14.059	91	262677	47.882	ug/l	99
90) Hexachloroethane	14.335	117	46840	47.751	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	133055	49.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24949	49.320	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	63126	45.552	ug/l	98
94) Hexachlorobutadiene	15.500	225	25674	42.407	ug/l	92
95) Naphthalene	15.647	128	248187	46.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61348	45.038	ug/l	99

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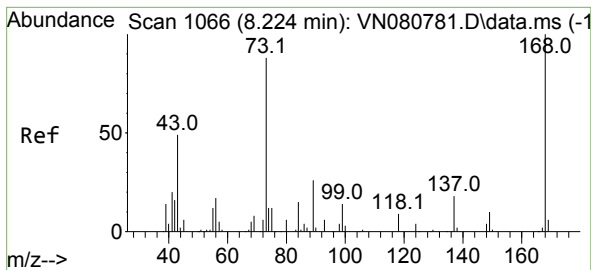
Quant Time: Jan 30 01:32:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

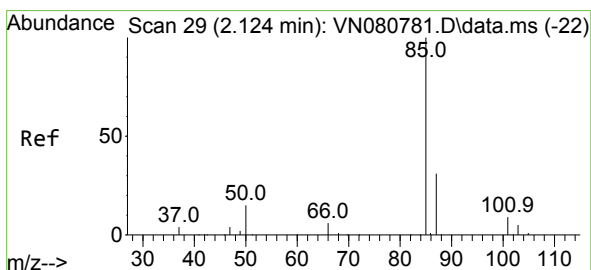
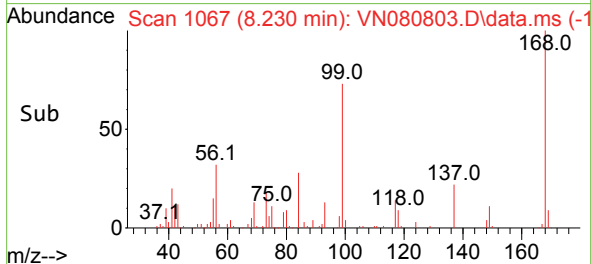
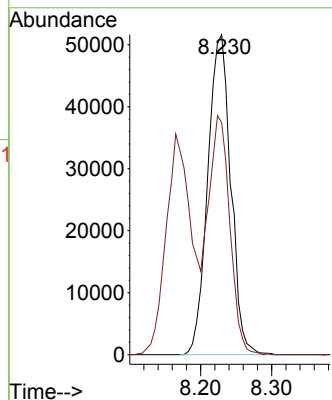
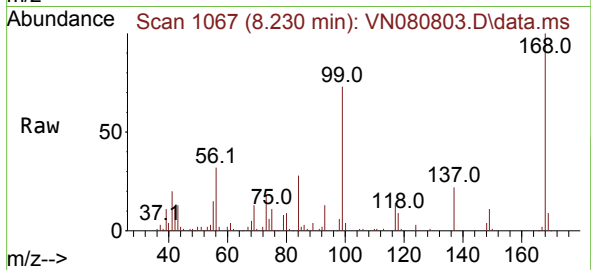
VSTDCCC050EC

Tgt Ion:168 Resp: 116178

Ion Ratio Lower Upper

168 100

99 72.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 48.599 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080803.D

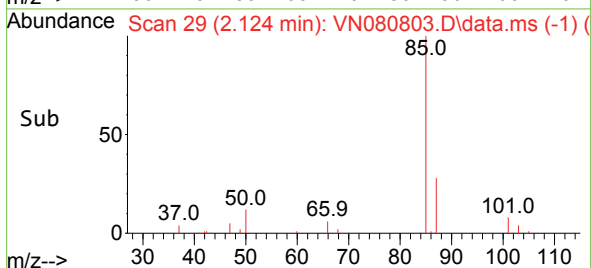
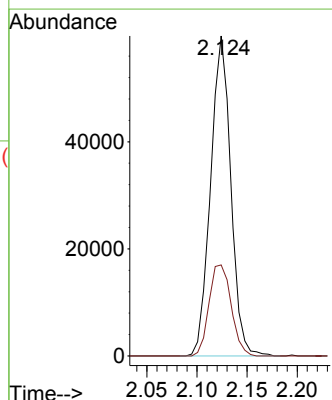
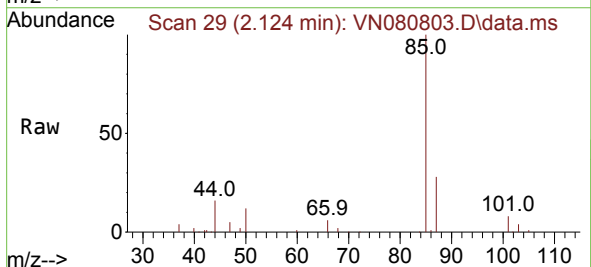
Acq: 29 Jan 2024 20:05

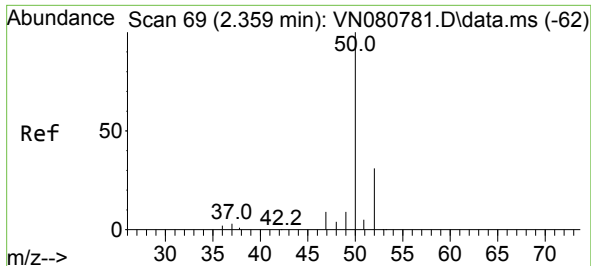
Tgt Ion: 85 Resp: 83863

Ion Ratio Lower Upper

85 100

87 28.5 15.3 45.9

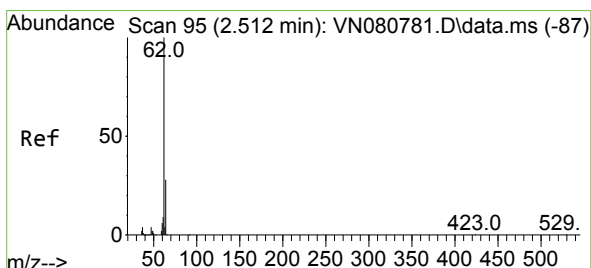
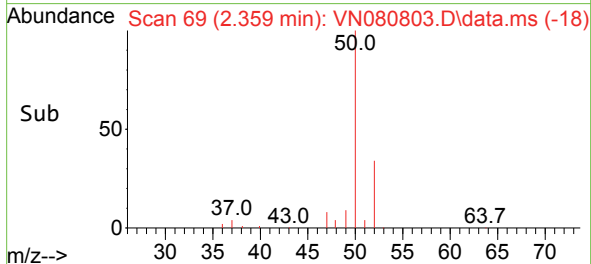
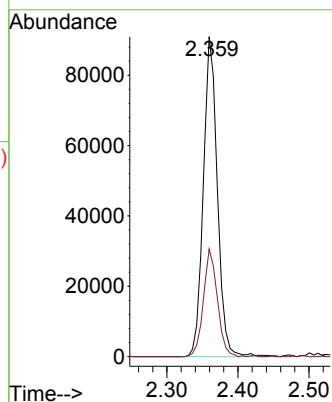
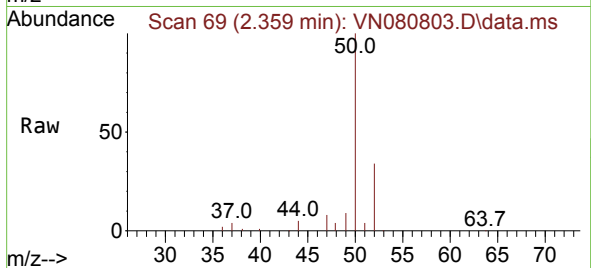




#3
 Chloromethane
 Concen: 48.376 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

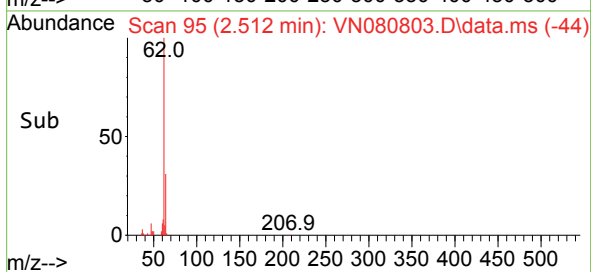
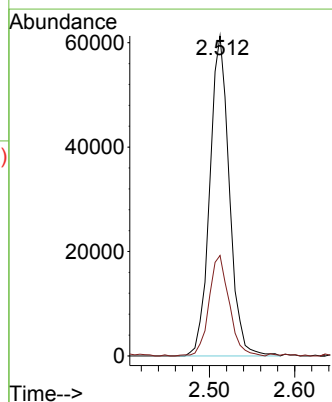
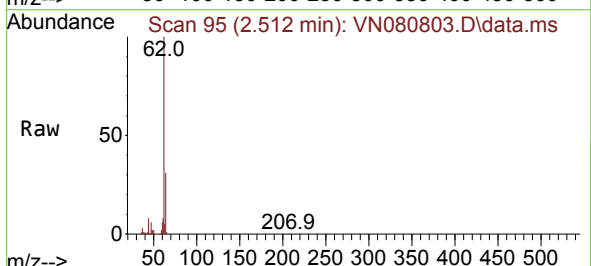
Instrument :
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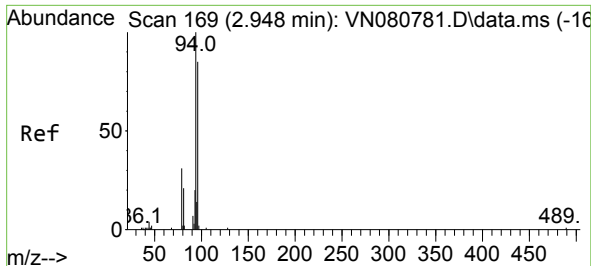
Tgt Ion: 50 Resp: 125482
 Ion Ratio Lower Upper
 50 100
 52 33.7 25.0 37.4



#4
 Vinyl Chloride
 Concen: 49.504 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

Tgt Ion: 62 Resp: 97623
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 34.1

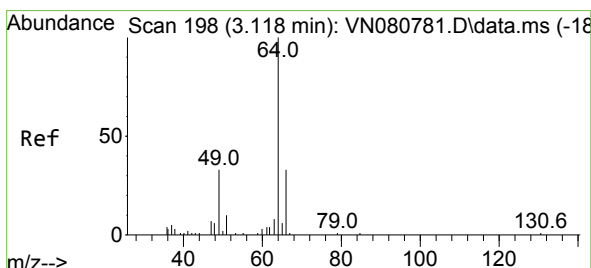
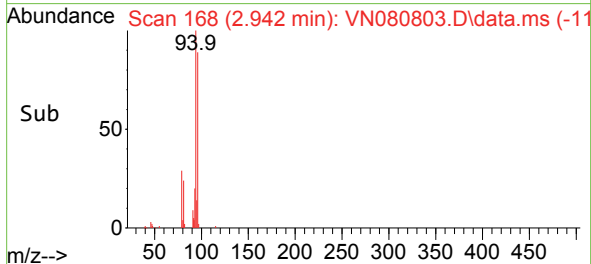
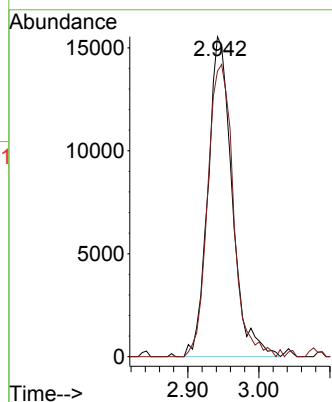
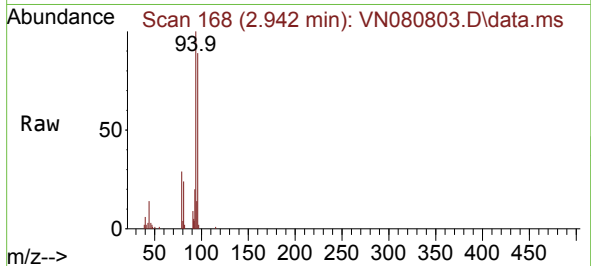




#5
Bromomethane
Concen: 46.505 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

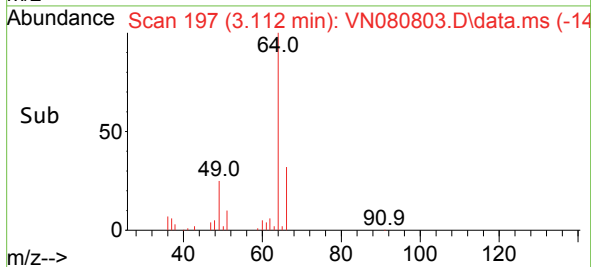
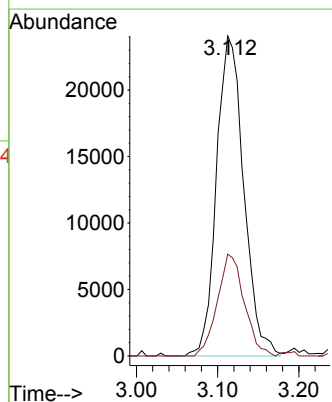
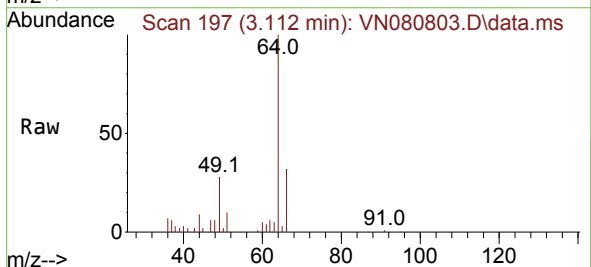
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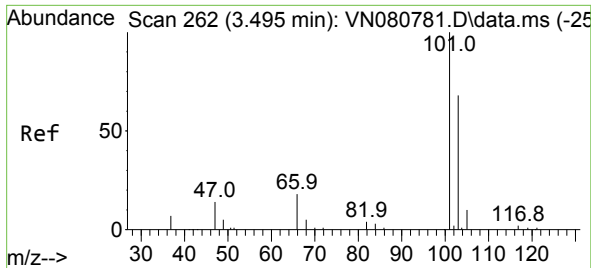
Tgt Ion: 94 Resp: 36682
Ion Ratio Lower Upper
94 100
96 89.3 69.2 103.8



#6
Chloroethane
Concen: 53.402 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 64 Resp: 56145
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6

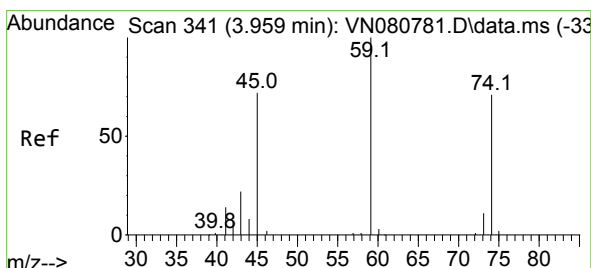
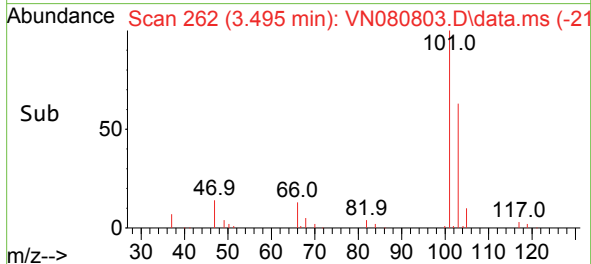
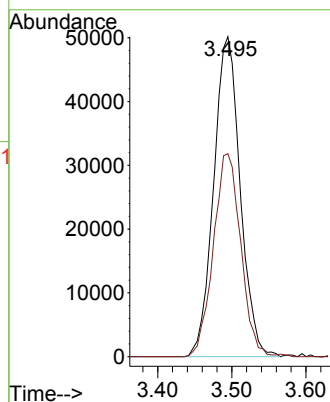
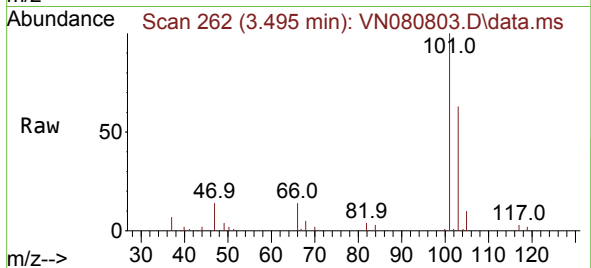




#7
Trichlorofluoromethane
Concen: 48.866 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

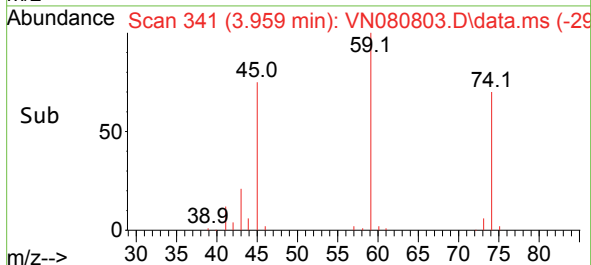
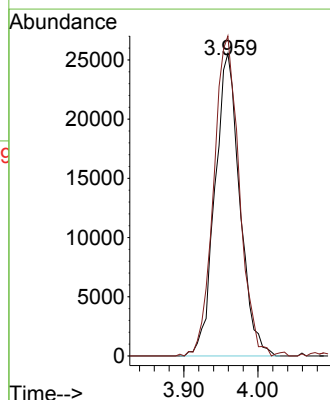
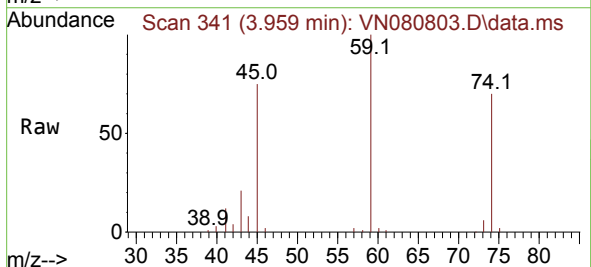
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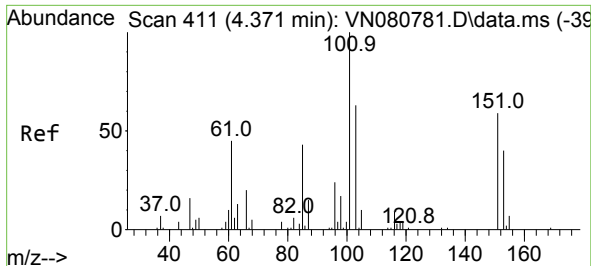
Tgt Ion:101 Resp: 124717
Ion Ratio Lower Upper
101 100
103 63.5 54.4 81.6



#8
Diethyl Ether
Concen: 50.494 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 74 Resp: 59450
Ion Ratio Lower Upper
74 100
45 109.0 53.3 159.9

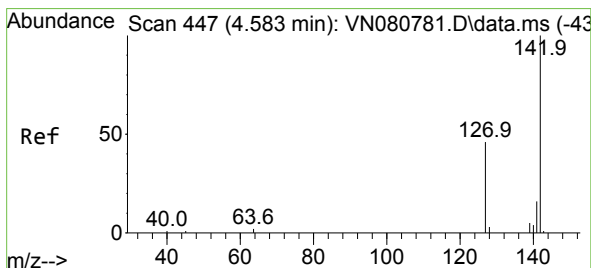
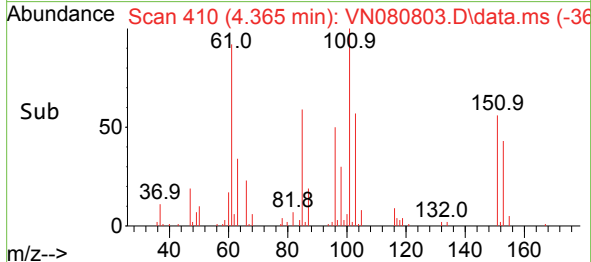
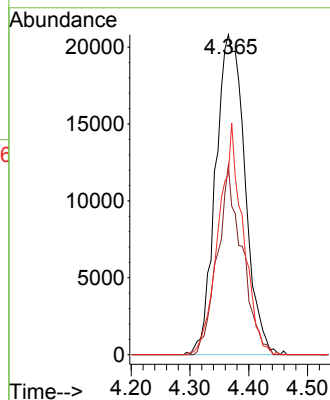
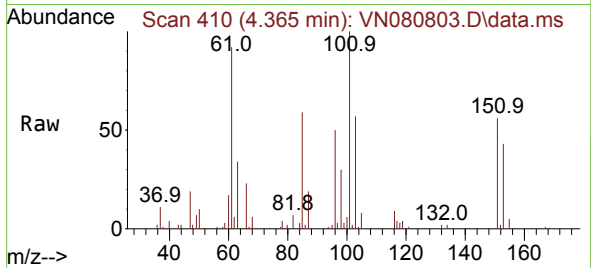




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.350 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080803.D
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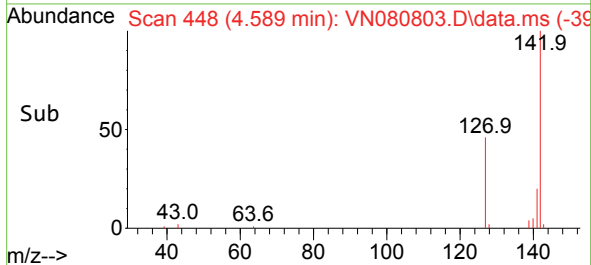
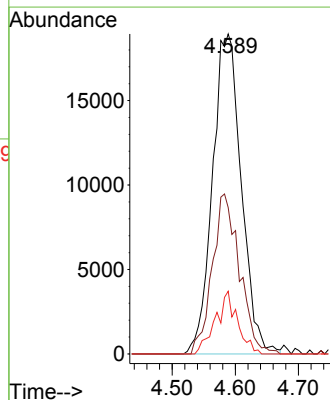
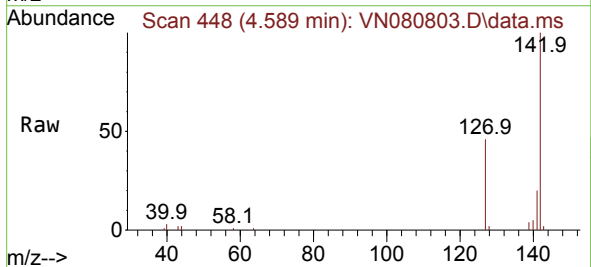
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

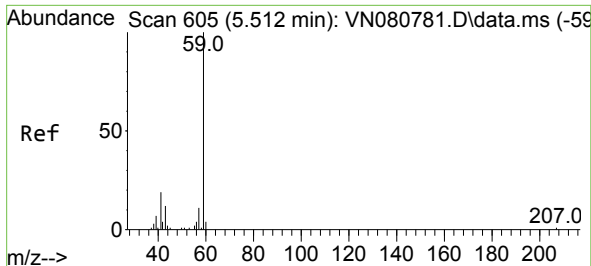
Tgt Ion:101 Resp: 71959
Ion Ratio Lower Upper
101 100
85 50.0 38.1 57.1
151 60.3 49.1 73.7



#10
Methyl Iodide
Concen: 47.739 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:142 Resp: 59977
Ion Ratio Lower Upper
142 100
127 45.8 37.0 55.4
141 19.6 12.5 18.7#

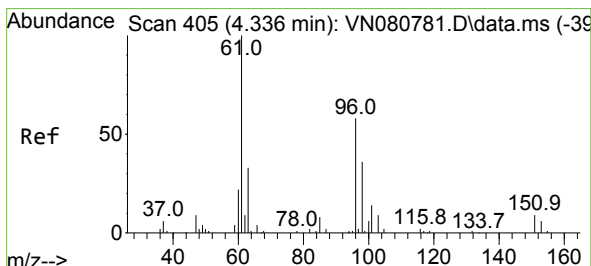
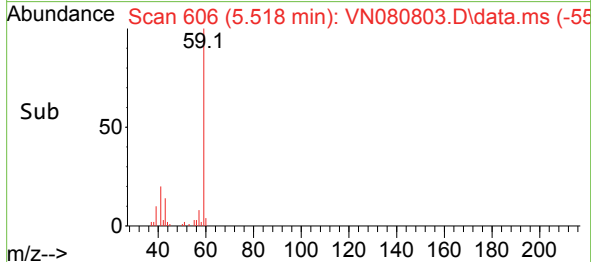
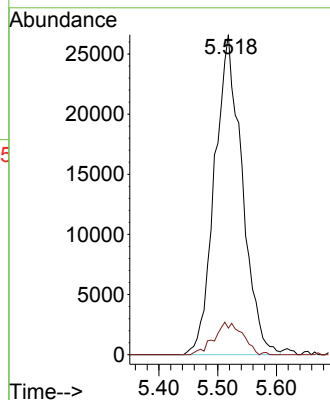
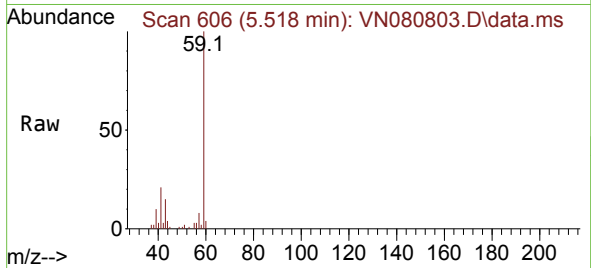




#11
Tert butyl alcohol
Concen: 263.833 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

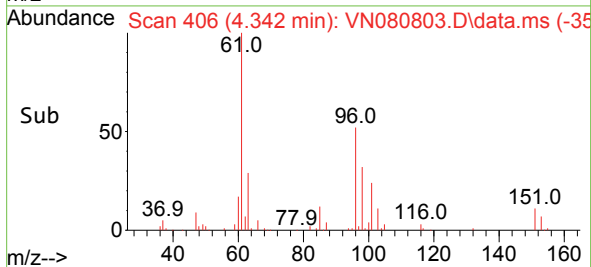
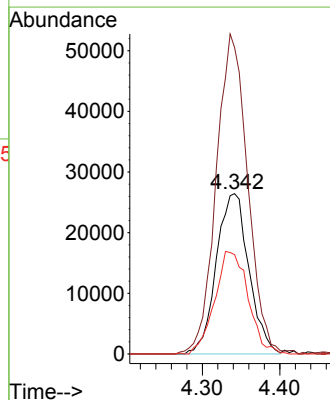
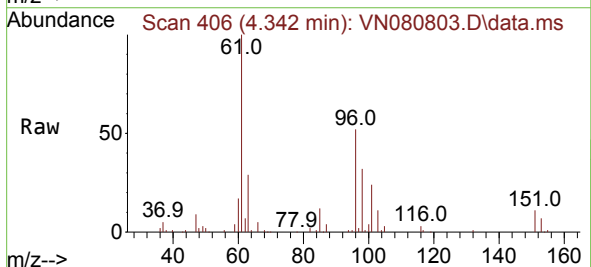
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

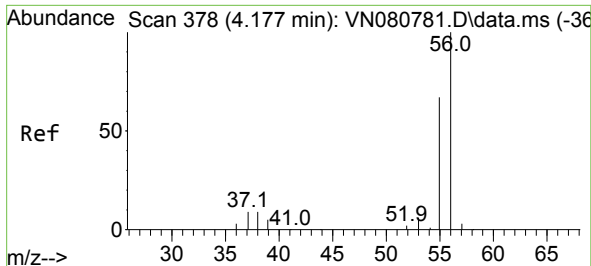
Tgt Ion: 59 Resp: 86439
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.240 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 96 Resp: 77037
Ion Ratio Lower Upper
96 100
61 189.9 138.2 207.4
98 61.4 49.2 73.8

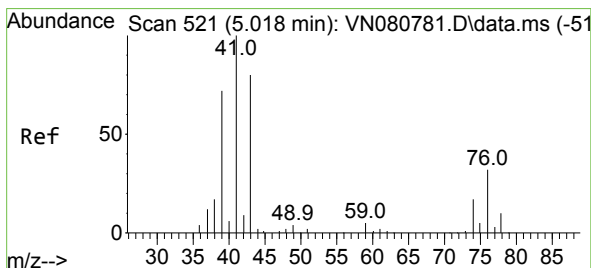
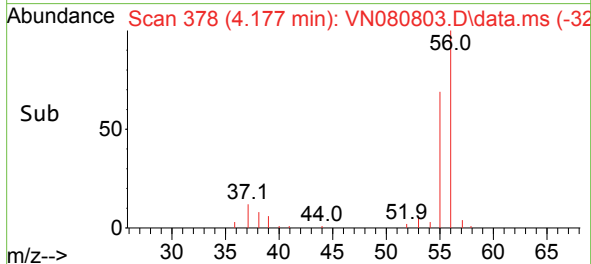
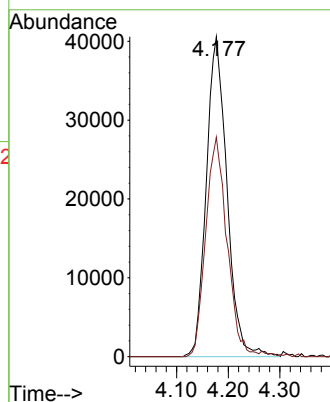
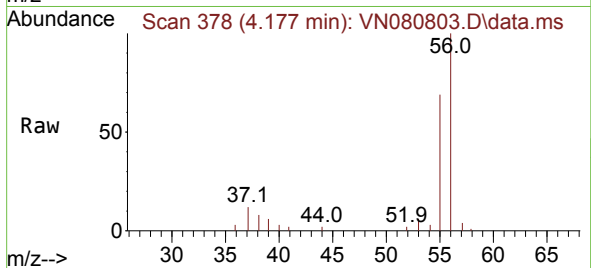




#13
Acrolein
Concen: 272.757 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

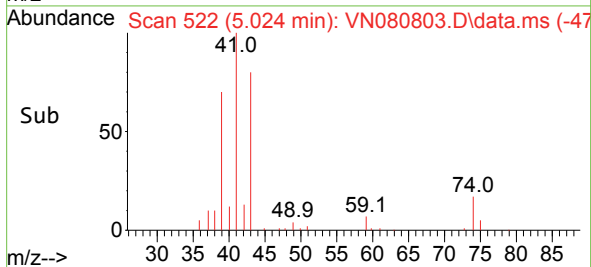
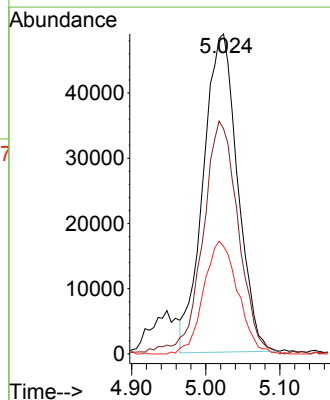
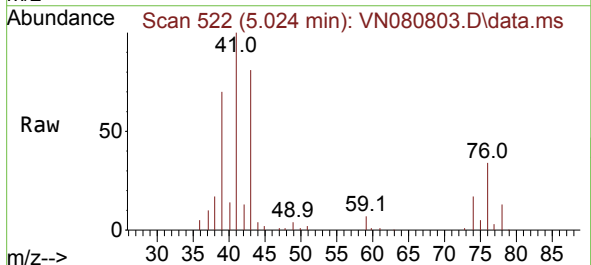
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

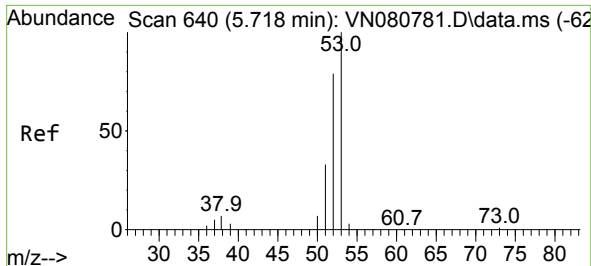
Tgt Ion: 56 Resp: 112691
Ion Ratio Lower Upper
56 100
55 70.5 55.3 82.9



#14
Allyl chloride
Concen: 48.654 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 41 Resp: 156829
Ion Ratio Lower Upper
41 100
39 76.4 57.7 86.5
76 35.6 26.8 40.2

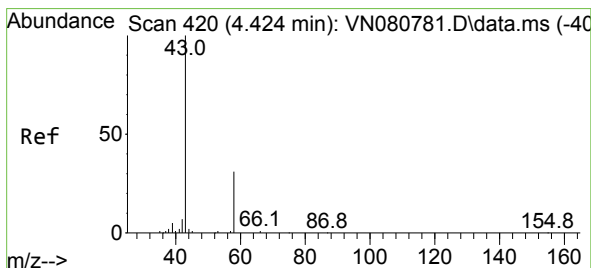
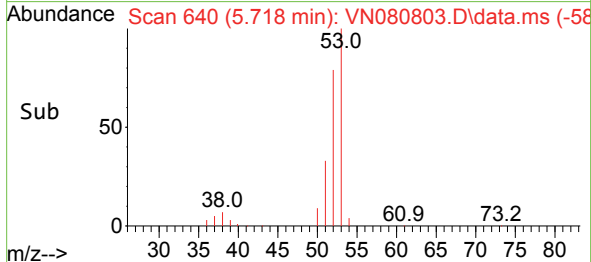
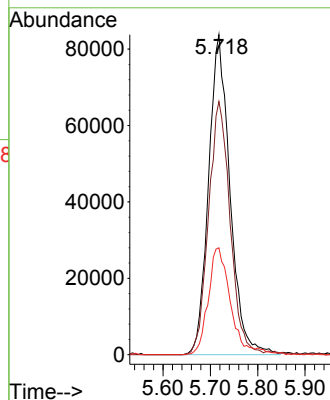
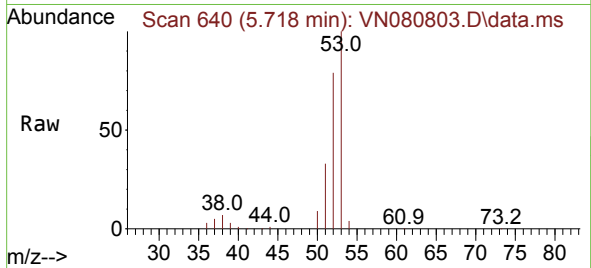




#15
Acrylonitrile
Concen: 266.990 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

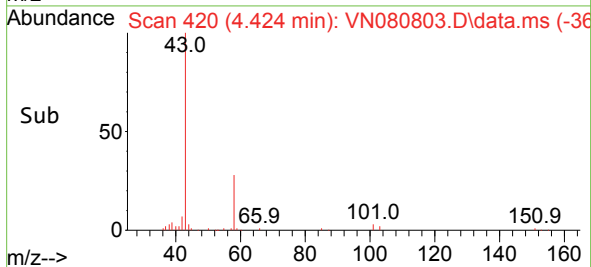
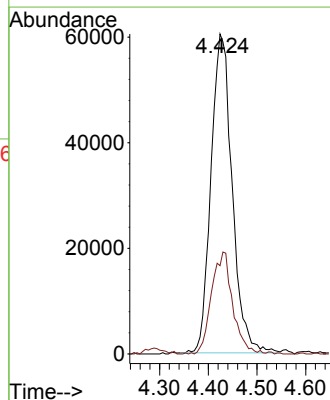
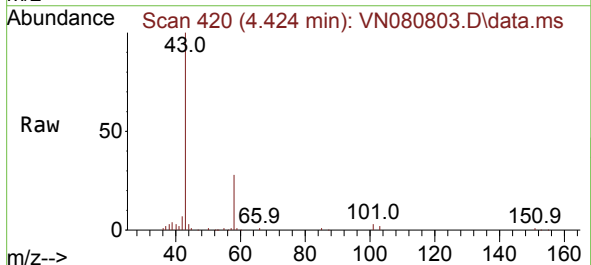
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

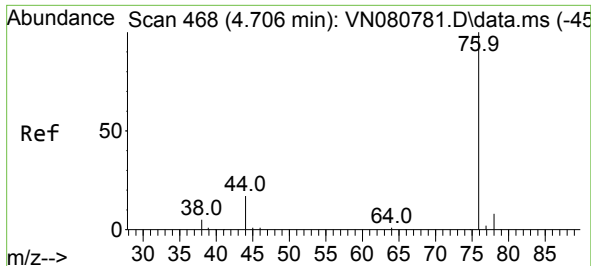
Tgt Ion: 53 Resp: 263076
Ion Ratio Lower Upper
53 100
52 79.6 64.8 97.2
51 35.0 26.9 40.3



#16
Acetone
Concen: 249.381 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 43 Resp: 181778
Ion Ratio Lower Upper
43 100
58 27.7 24.8 37.2





#17

Carbon Disulfide

Concen: 47.425 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

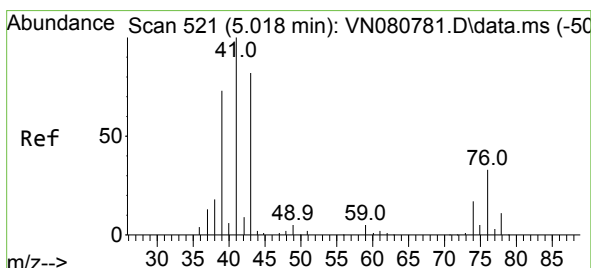
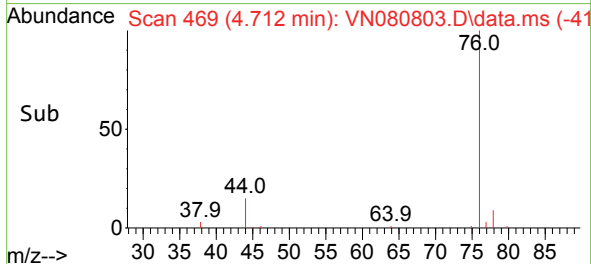
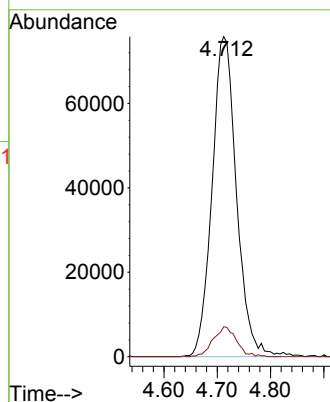
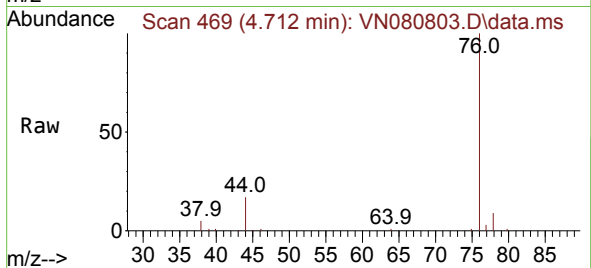
VSTDCCC050EC

Tgt Ion: 76 Resp: 240770

Ion Ratio Lower Upper

76 100

78 9.4 6.3 9.5



#18

Methyl Acetate

Concen: 52.465 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080803.D

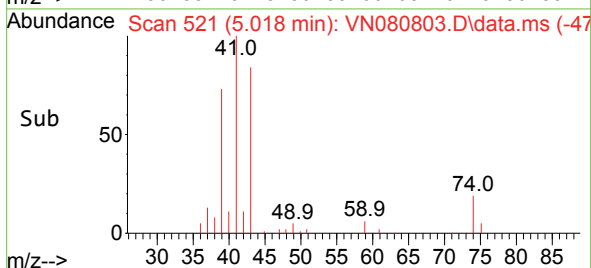
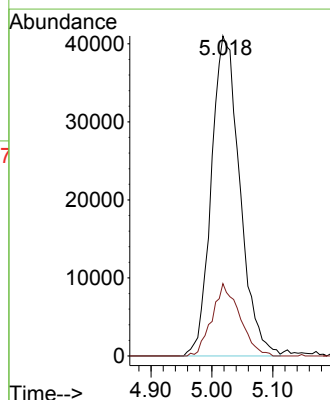
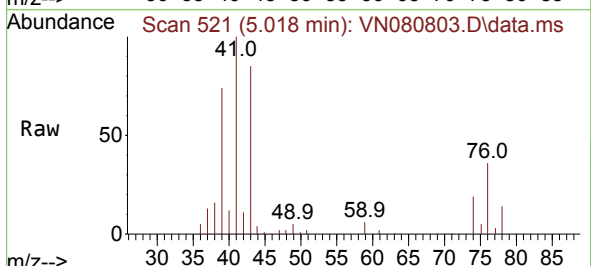
Acq: 29 Jan 2024 20:05

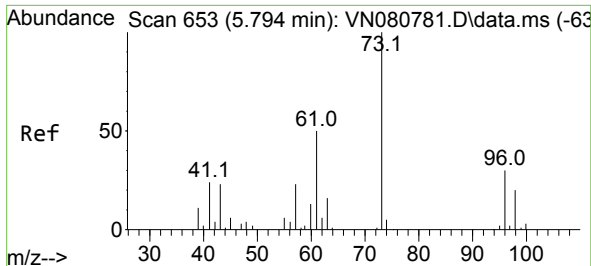
Tgt Ion: 43 Resp: 133280

Ion Ratio Lower Upper

43 100

74 22.0 17.3 25.9

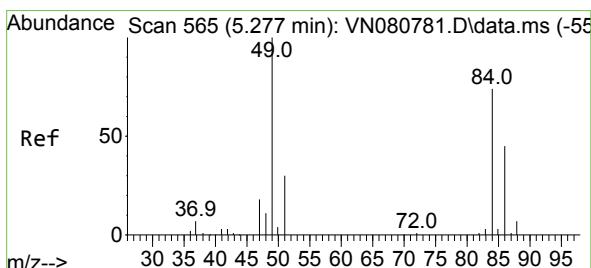
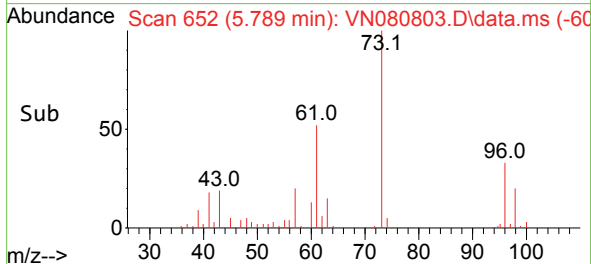
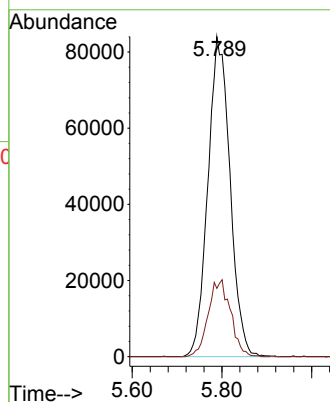
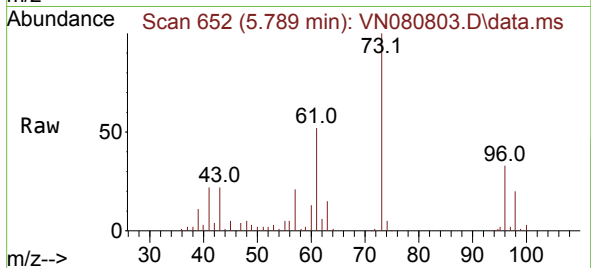




#19
Methyl tert-butyl Ether
Concen: 50.124 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

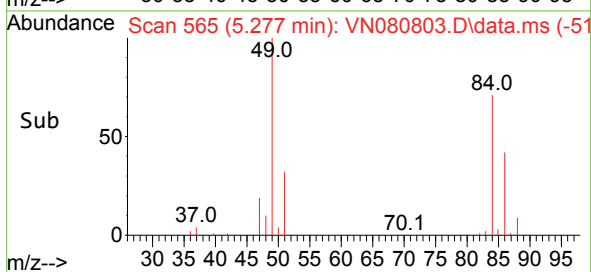
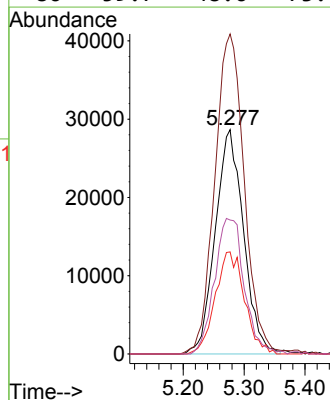
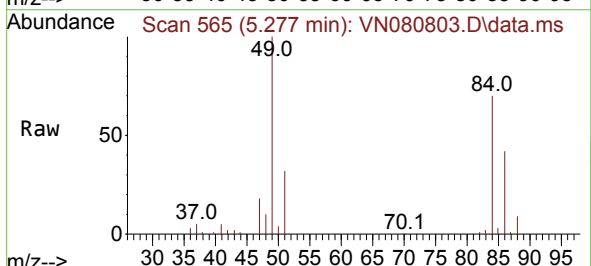
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

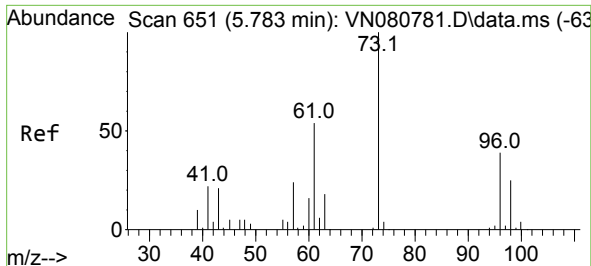
Tgt Ion: 73 Resp: 288016
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 48.287 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 84 Resp: 92393
Ion Ratio Lower Upper
84 100
49 142.6 108.1 162.1
51 45.5 32.9 49.3
86 59.7 48.6 73.0

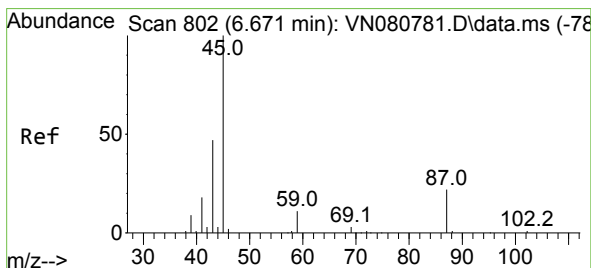
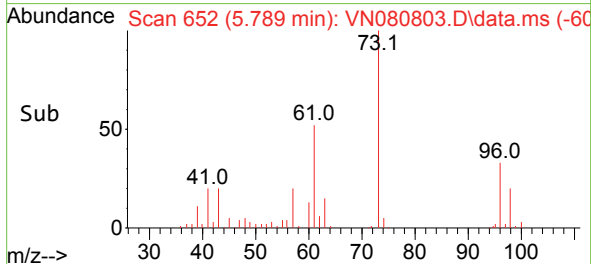
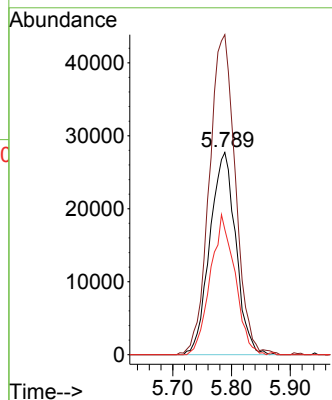
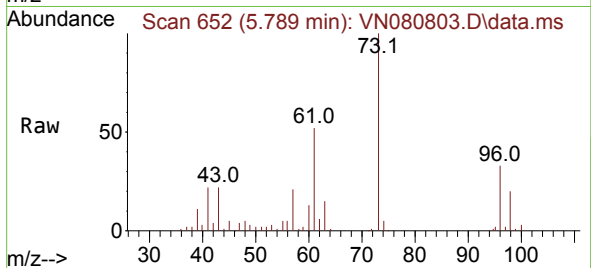




#21
trans-1,2-Dichloroethene
Concen: 47.919 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

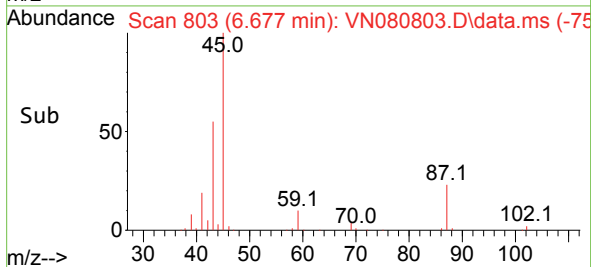
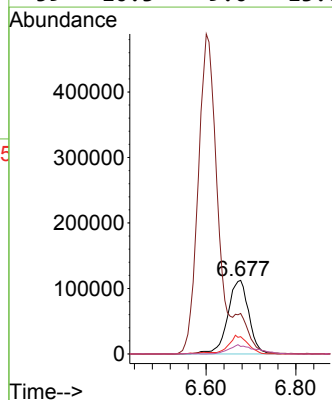
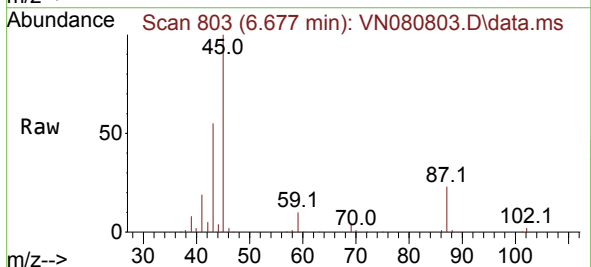
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

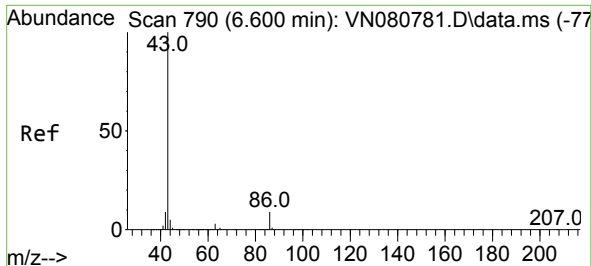
Tgt Ion: 96 Resp: 84898
Ion Ratio Lower Upper
96 100
61 158.2 112.8 169.2
98 61.8 51.0 76.4



#22
Diisopropyl ether
Concen: 51.634 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 45 Resp: 367223
Ion Ratio Lower Upper
45 100
43 54.3 41.8 62.8
87 23.5 18.1 27.1
59 10.3 9.0 13.6

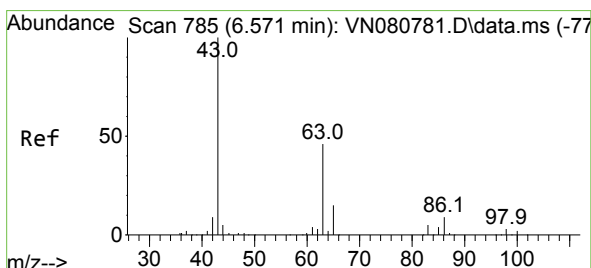
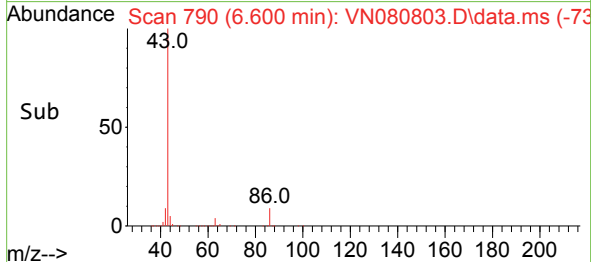
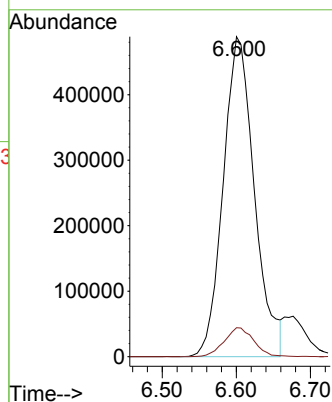
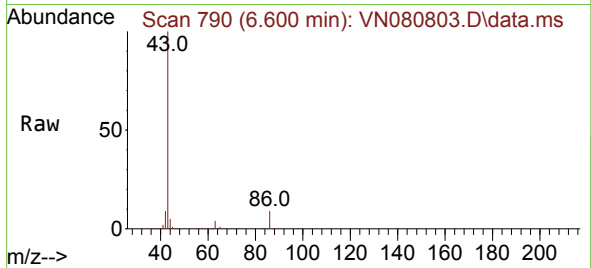




#23
 Vinyl Acetate
 Concen: 277.100 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

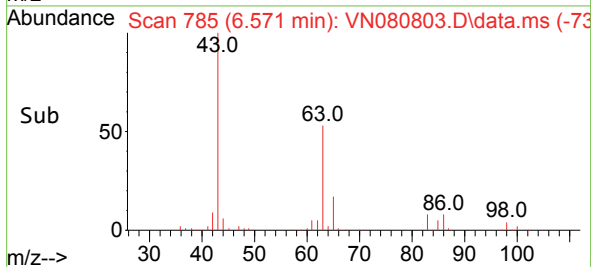
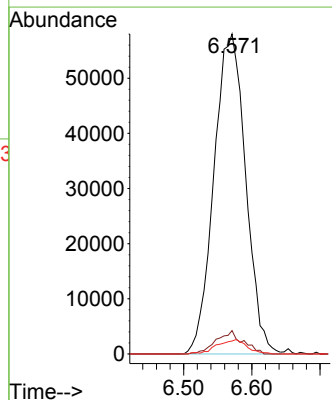
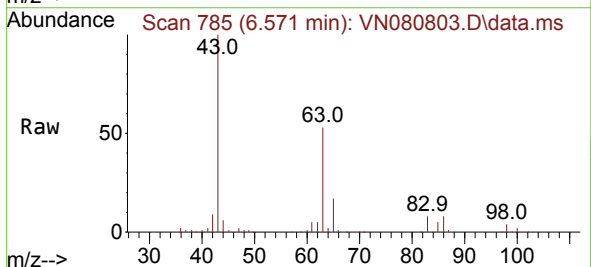
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

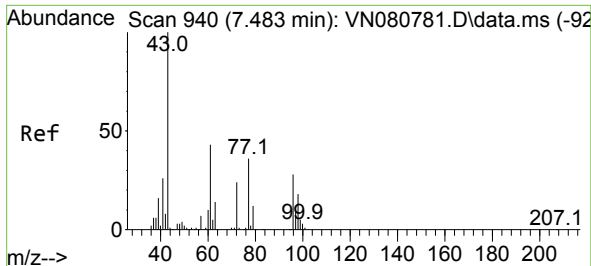
Tgt Ion: 43 Resp: 1425944
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.078 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

Tgt Ion: 63 Resp: 187840
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.1 1.9 5.7

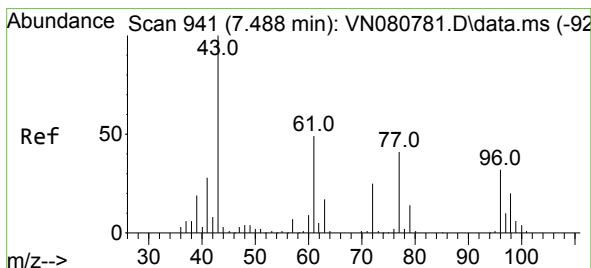
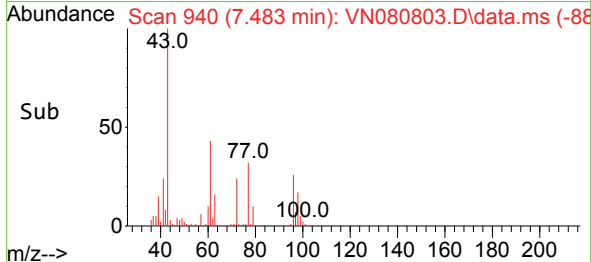
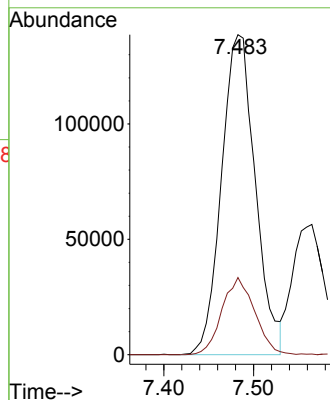
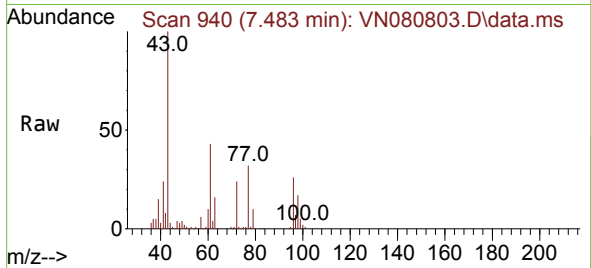




#25
2-Butanone
Concen: 262.501 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

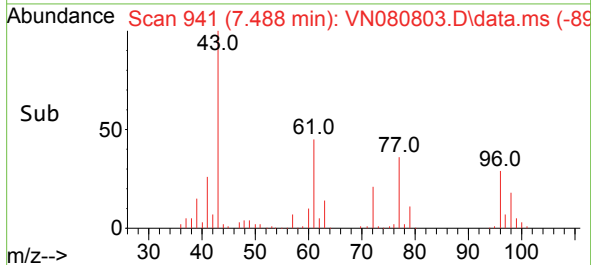
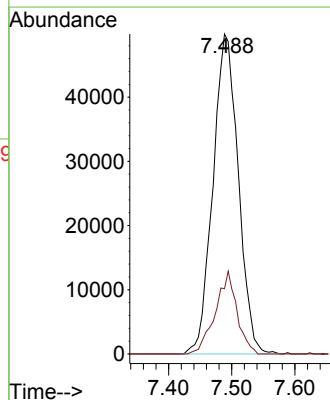
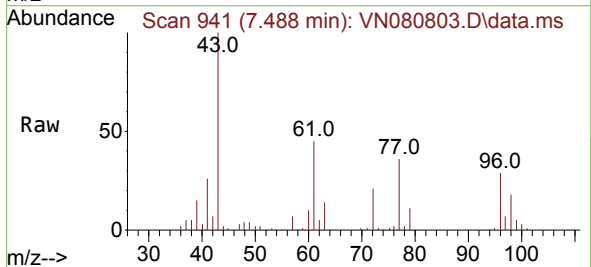
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

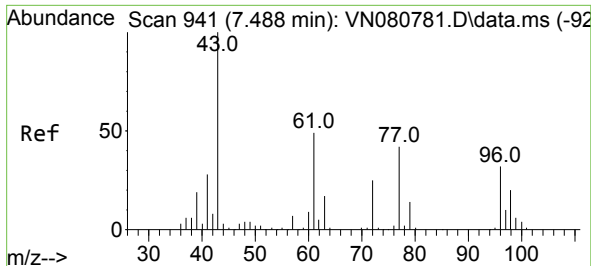
Tgt Ion: 43 Resp: 363437
Ion Ratio Lower Upper
43 100
72 24.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 47.627 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 77 Resp: 138847
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5



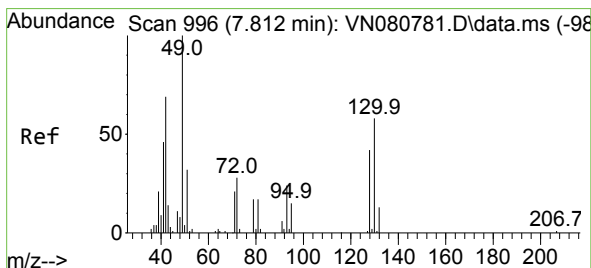
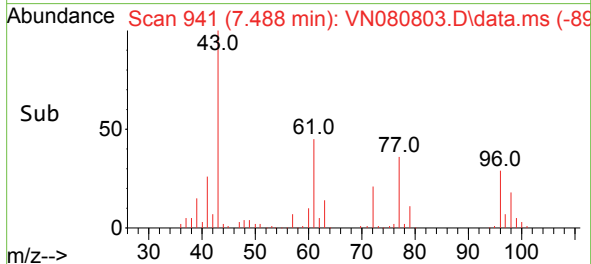
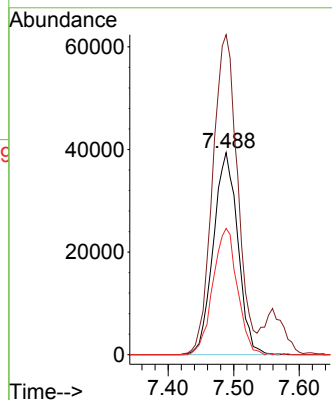
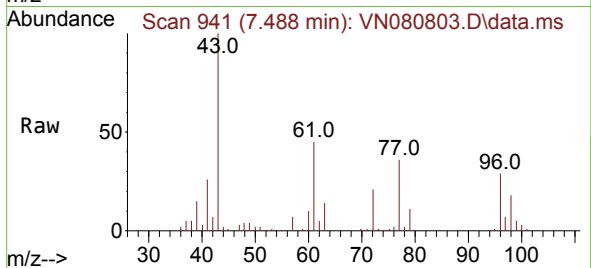


#27
 cis-1,2-Dichloroethene
 Concen: 49.705 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 101937

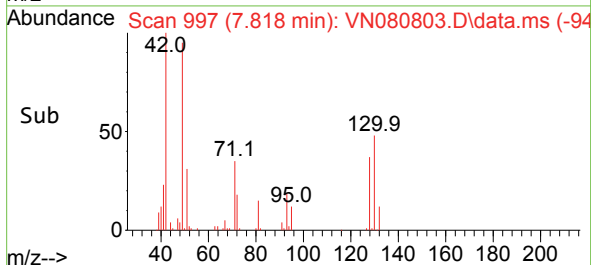
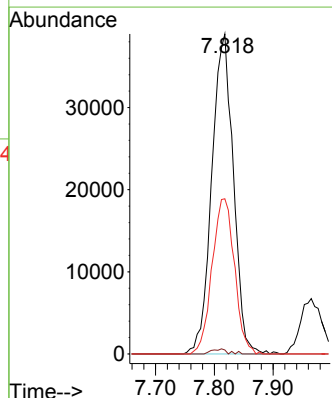
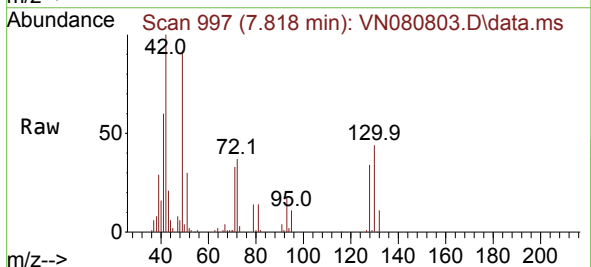
Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	325.4
98	62.5	0.0	130.4

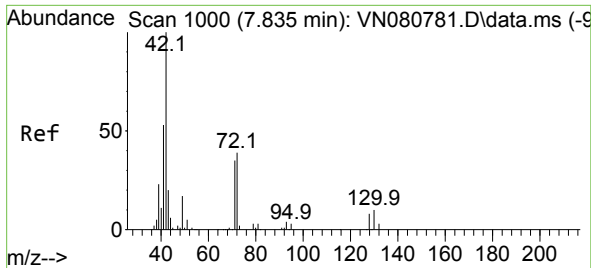


#28
 Bromochloromethane
 Concen: 51.993 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

Tgt Ion: 49 Resp: 99288

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	1.6
130	50.3	42.3	63.5





#29

Tetrahydrofuran

Concen: 268.524 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

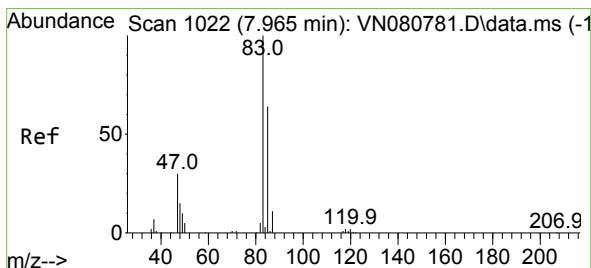
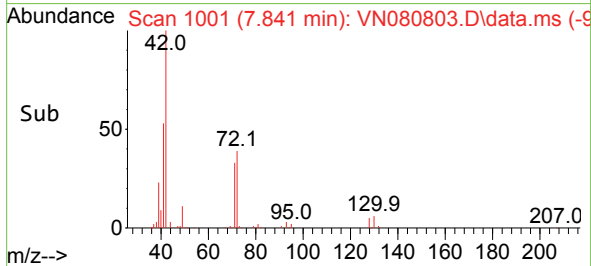
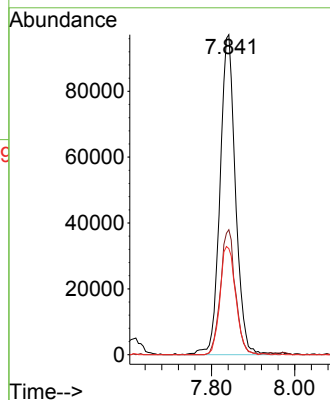
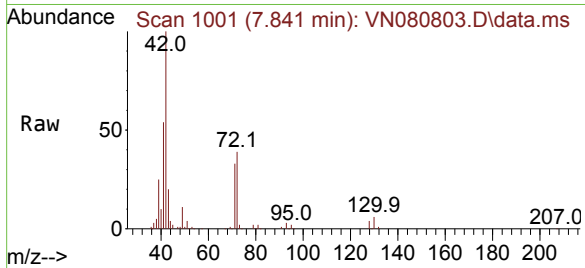
Tgt Ion: 42 Resp: 251565

Ion Ratio Lower Upper

42 100

72 37.6 31.1 46.7

71 34.2 28.3 42.5



#30

Chloroform

Concen: 50.190 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080803.D

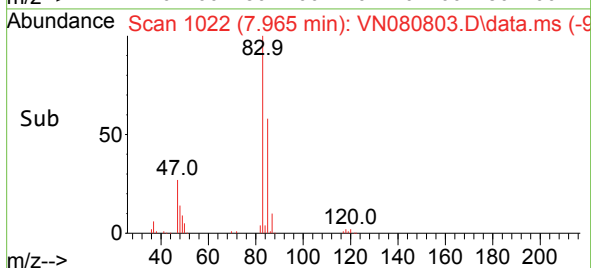
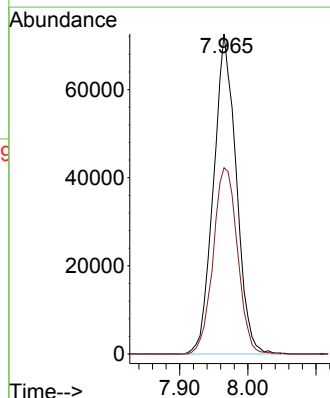
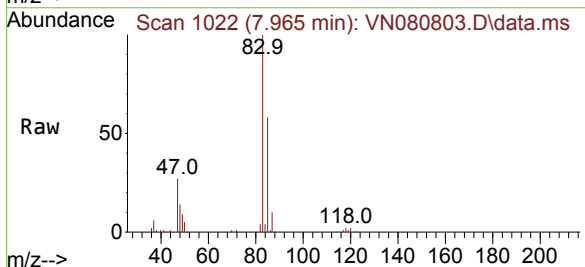
Acq: 29 Jan 2024 20:05

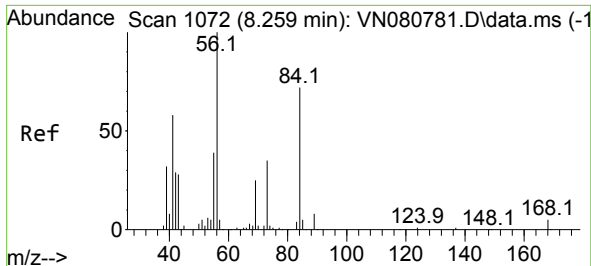
Tgt Ion: 83 Resp: 168183

Ion Ratio Lower Upper

83 100

85 58.2 51.0 76.6

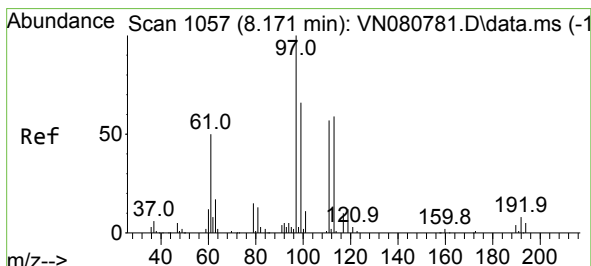
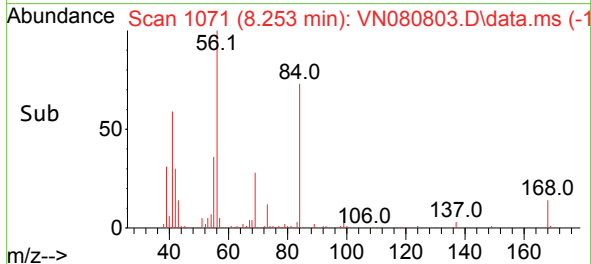
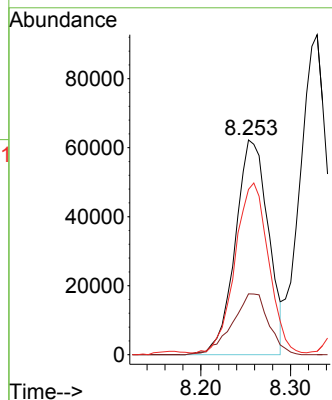
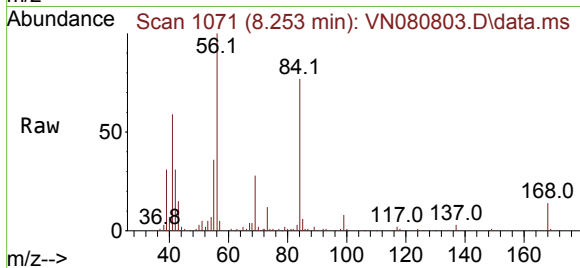




#31
Cyclohexane
Concen: 46.193 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

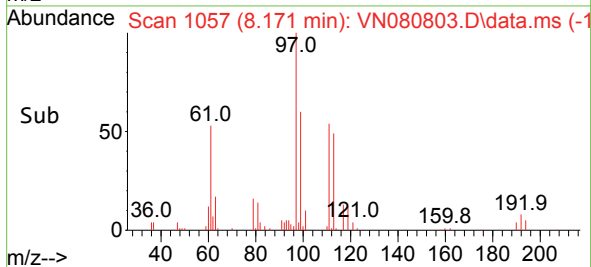
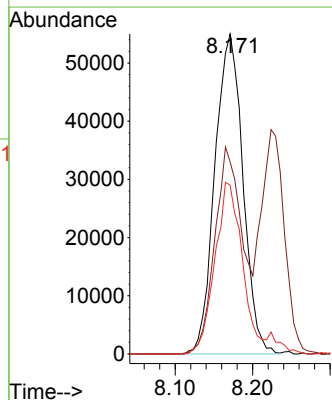
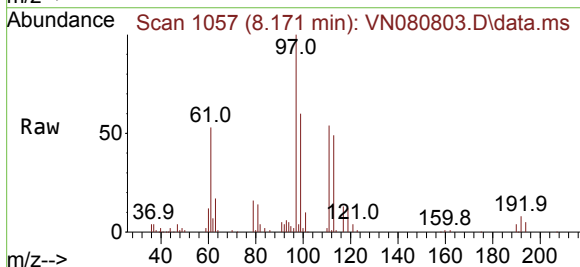
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

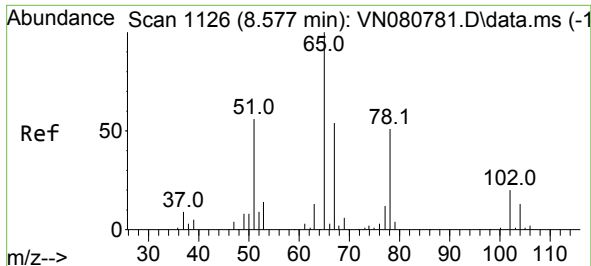
Tgt Ion: 56 Resp: 159202
Ion Ratio Lower Upper
56 100
69 28.3 20.1 30.1
84 75.7 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 50.887 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 97 Resp: 138278
Ion Ratio Lower Upper
97 100
99 64.1 53.4 80.0
61 52.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.360 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

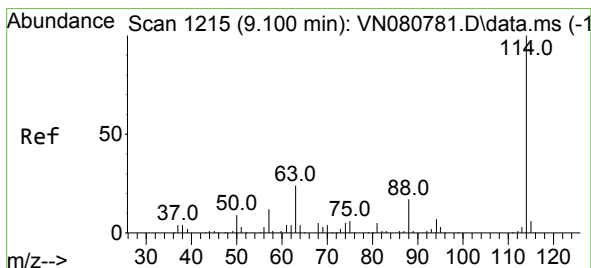
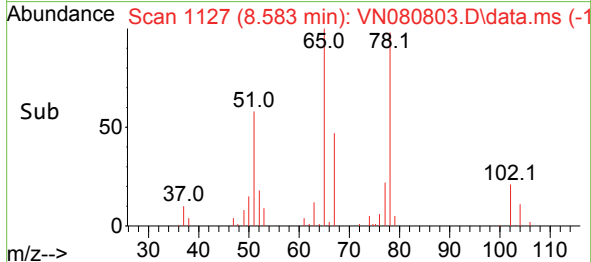
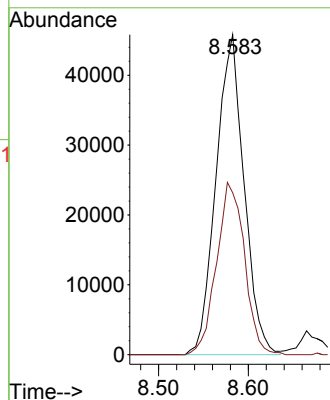
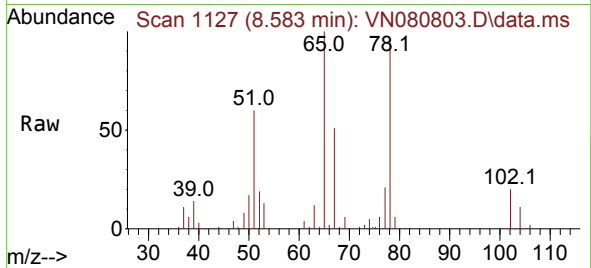
VSTDCCC050EC

Tgt Ion: 65 Resp: 99206

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

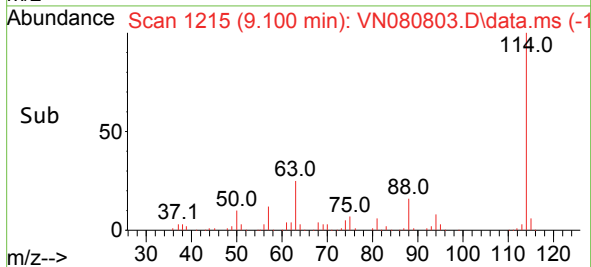
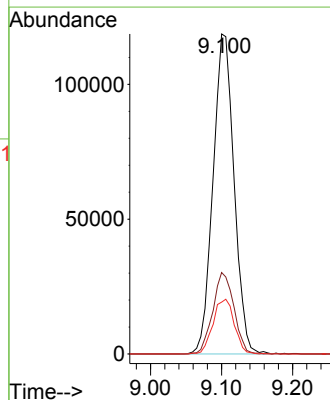
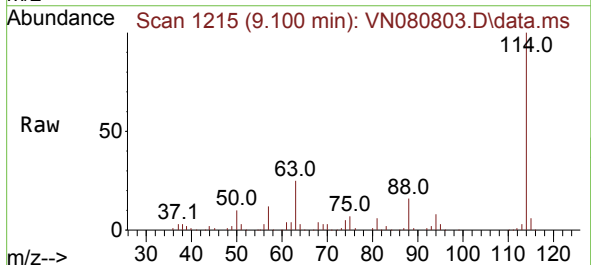
Tgt Ion: 114 Resp: 243818

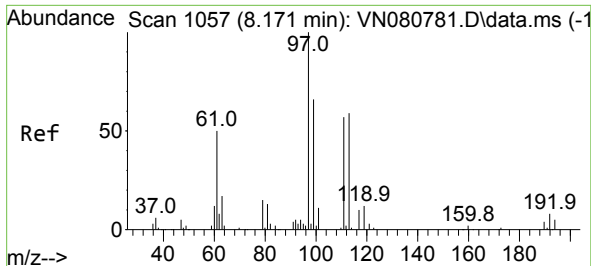
Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.0

88 16.2 0.0 34.8

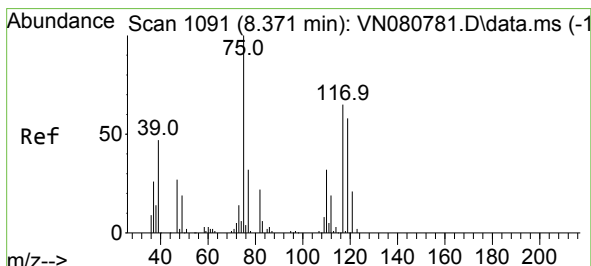
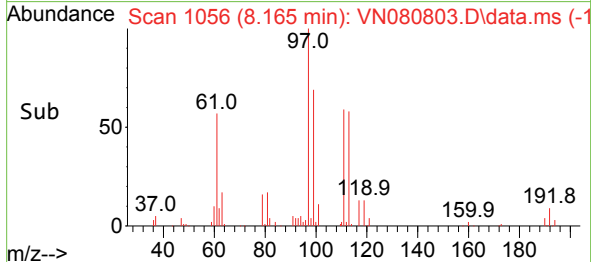
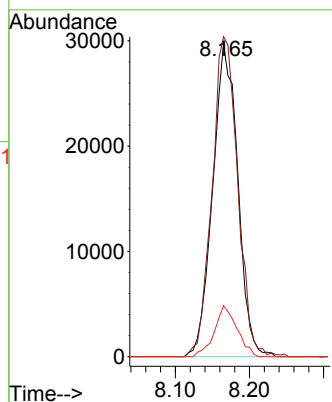
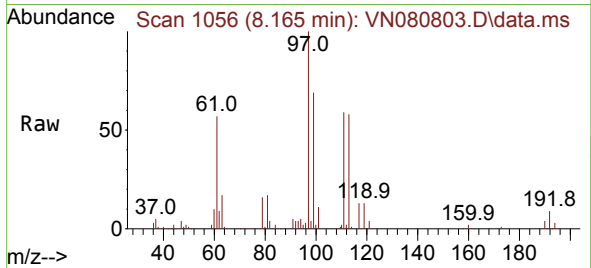




#35
Dibromofluoromethane
Concen: 46.838 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

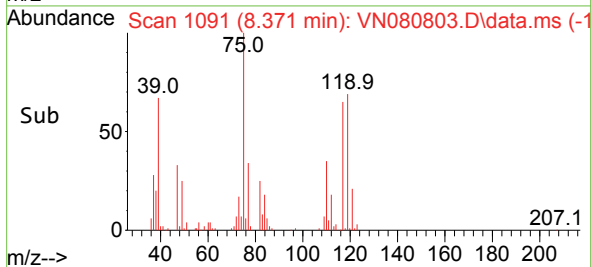
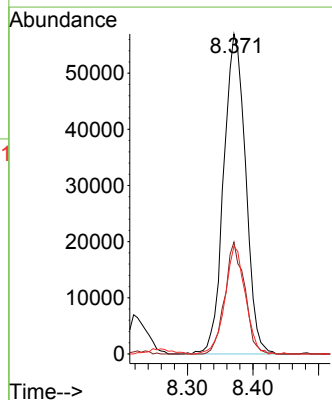
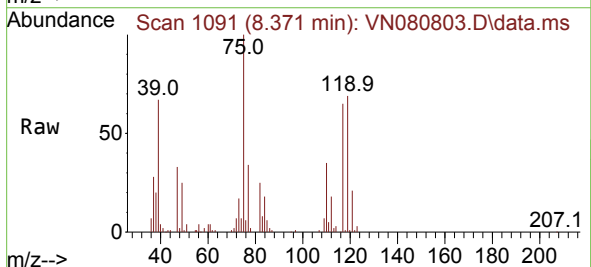
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

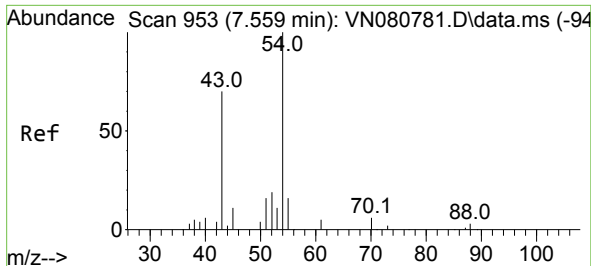
Tgt Ion:113 Resp: 69867
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 14.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 47.729 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 75 Resp: 132331
Ion Ratio Lower Upper
75 100
110 31.5 16.0 48.0
77 31.3 25.8 38.6





#37

Ethyl Acetate

Concen: 49.545 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

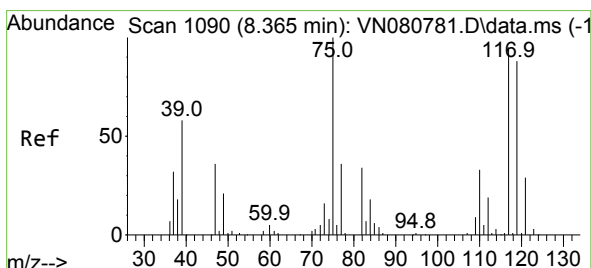
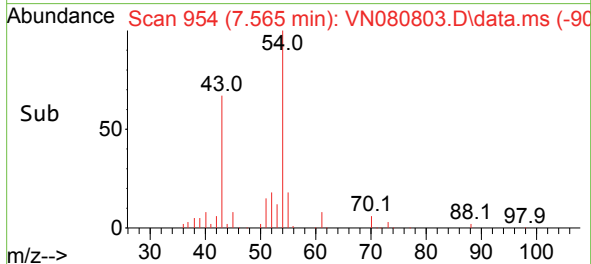
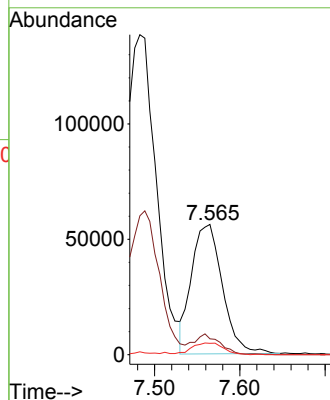
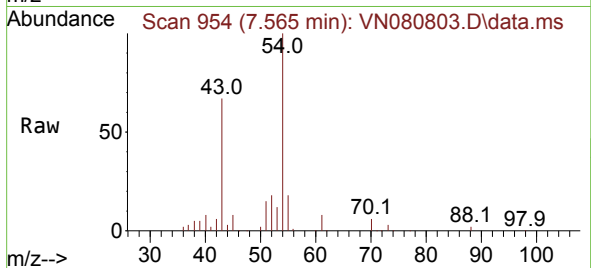
Tgt Ion: 43 Resp: 141408

Ion Ratio Lower Upper

43 100

61 12.8 10.6 15.8

70 9.2 8.0 12.0



#38

Carbon Tetrachloride

Concen: 48.900 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

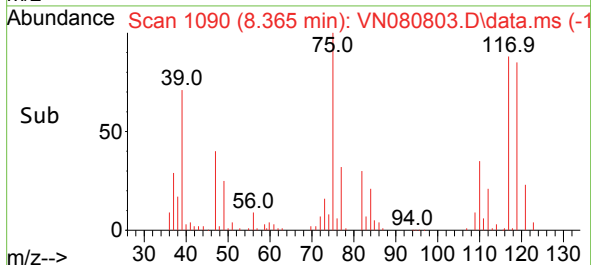
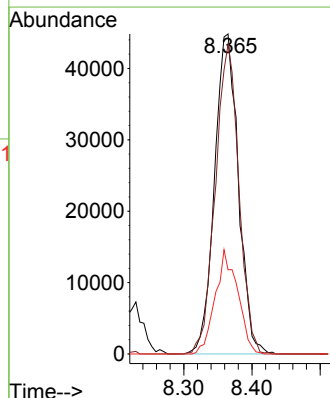
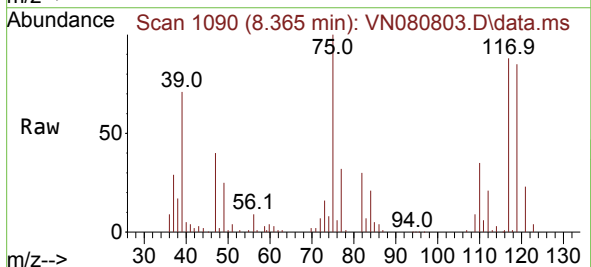
Tgt Ion: 117 Resp: 109238

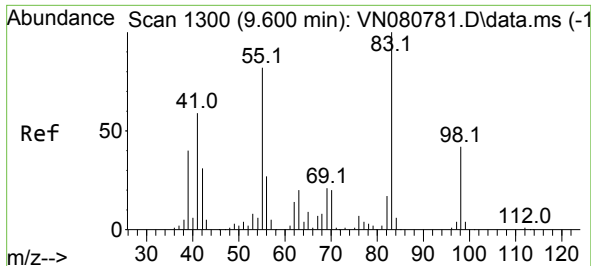
Ion Ratio Lower Upper

117 100

119 96.7 73.4 110.2

121 26.3 24.4 36.6





#39

Methylcyclohexane

Concen: 47.681 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

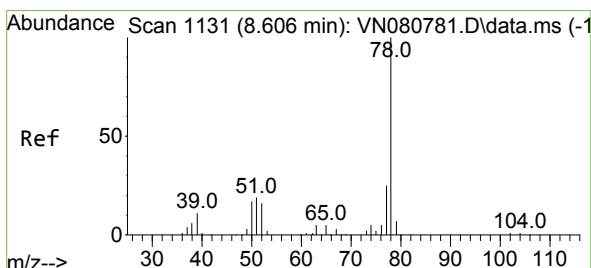
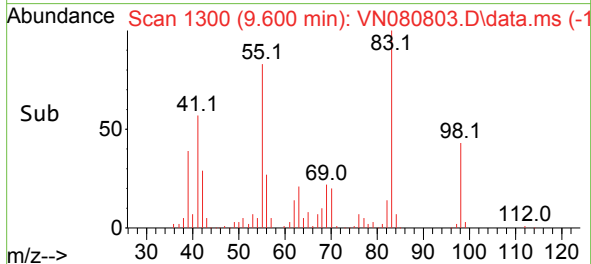
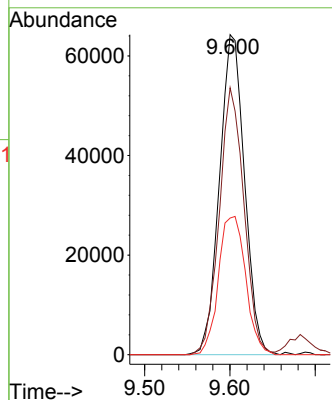
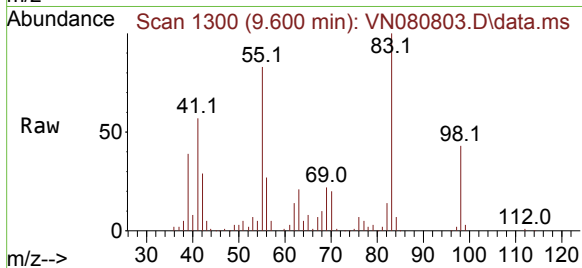
Tgt Ion: 83 Resp: 131399

Ion Ratio Lower Upper

83 100

55 83.4 65.7 98.5

98 42.7 33.8 50.6



#40

Benzene

Concen: 50.080 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080803.D

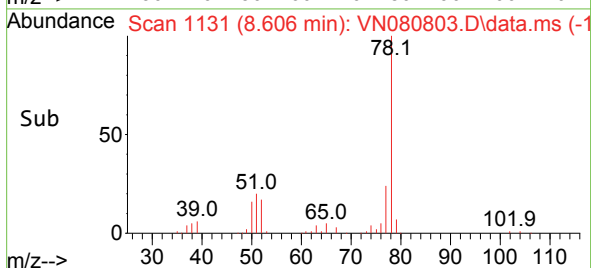
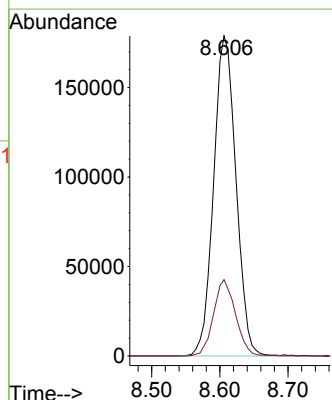
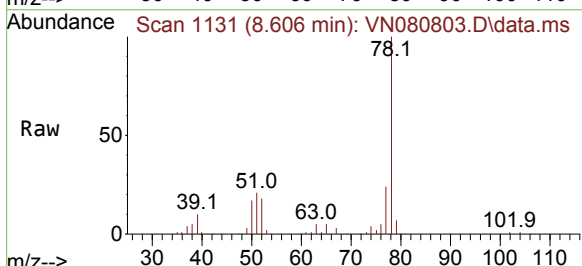
Acq: 29 Jan 2024 20:05

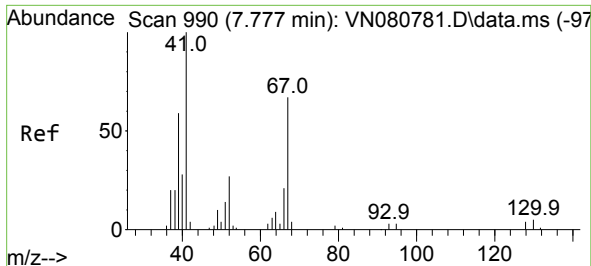
Tgt Ion: 78 Resp: 408093

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

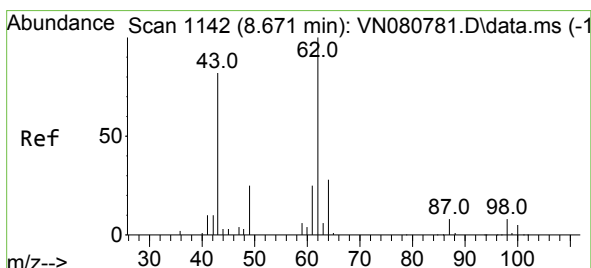
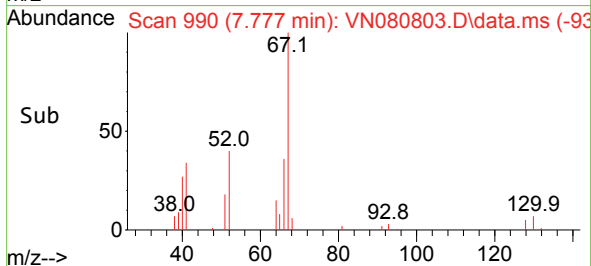
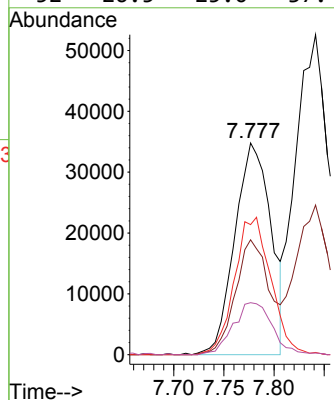
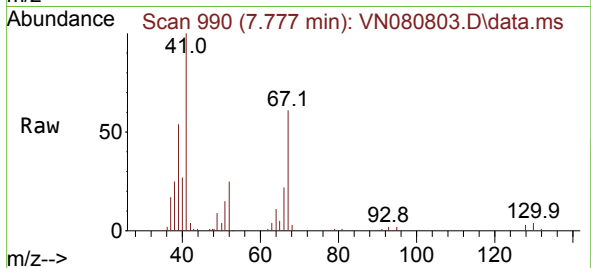




#41
Methacrylonitrile
Concen: 51.955 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

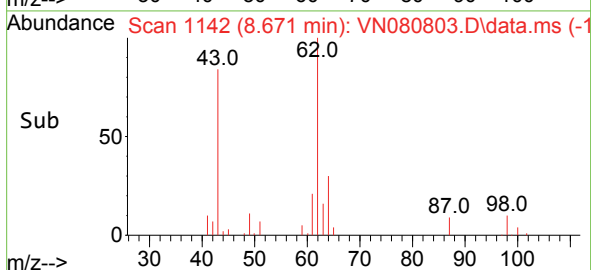
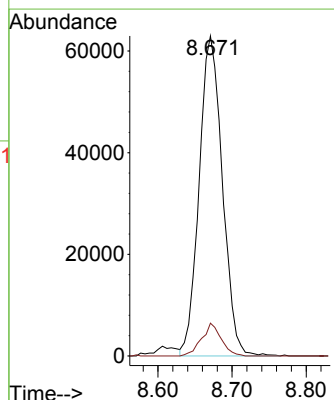
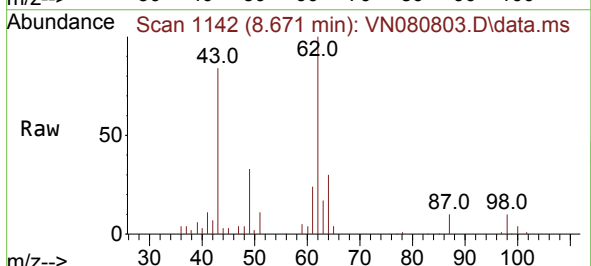
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

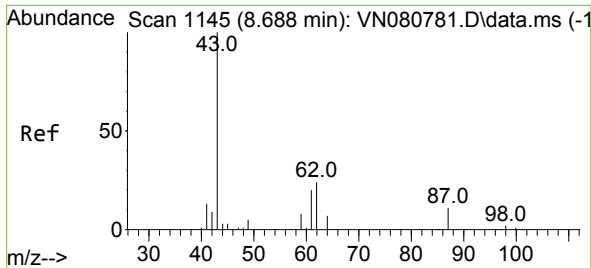
Tgt Ion:	41	Resp:	87398
Ion	Ratio	Lower	Upper
41	100		
39	51.7	48.4	72.6
67	65.2	56.8	85.2
52	26.5	25.0	37.4



#42
1,2-Dichloroethane
Concen: 51.714 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:	62	Resp:	137290
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0

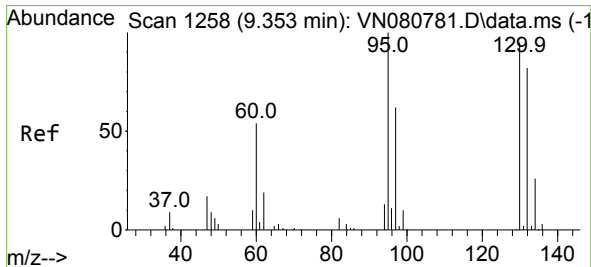
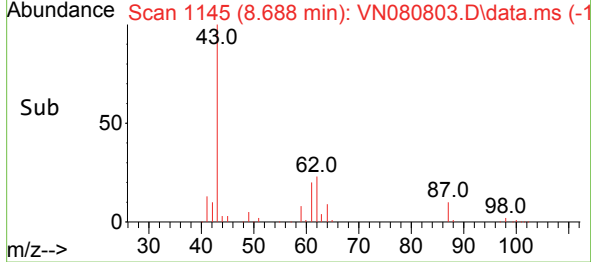
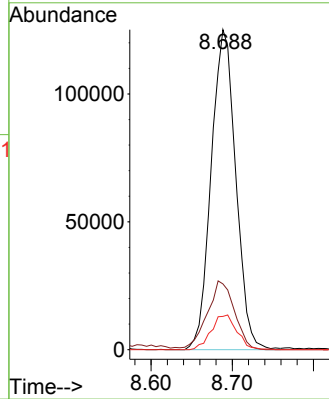
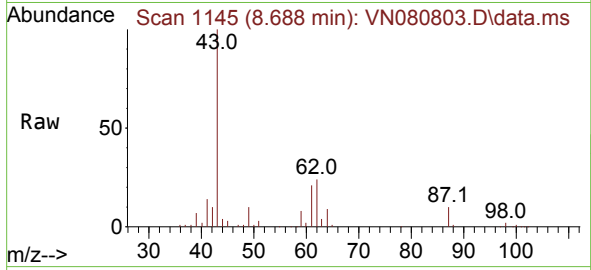




#43
Isopropyl Acetate
Concen: 50.756 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

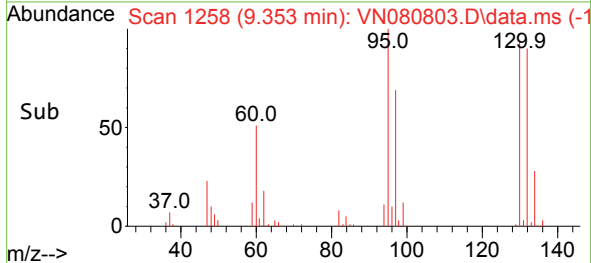
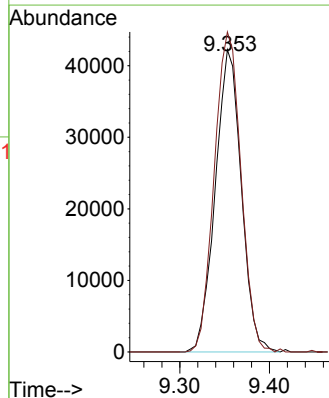
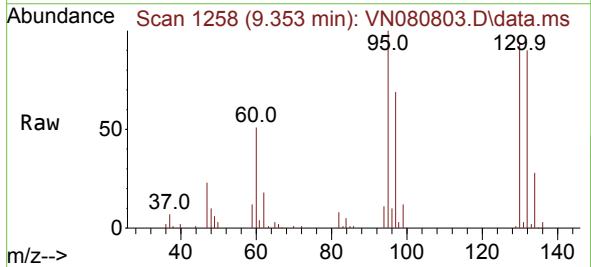
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

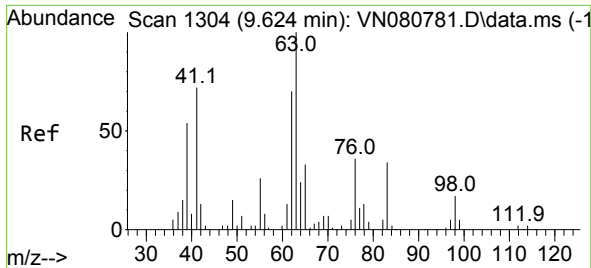
Tgt Ion: 43 Resp: 263749
Ion Ratio Lower Upper
43 100
61 23.7 19.9 29.9
87 11.4 9.0 13.6



#44
Trichloroethene
Concen: 47.439 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:130 Resp: 85146
Ion Ratio Lower Upper
130 100
95 105.9 0.0 210.4

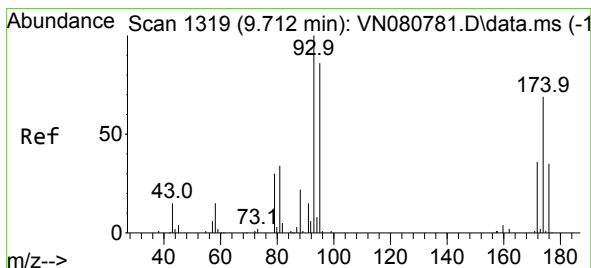
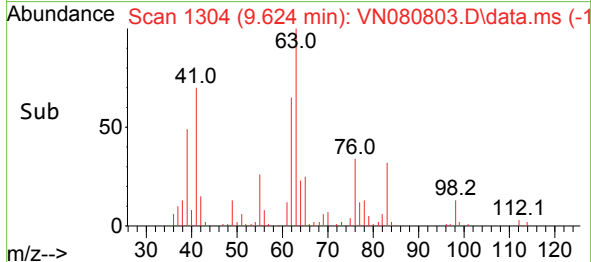
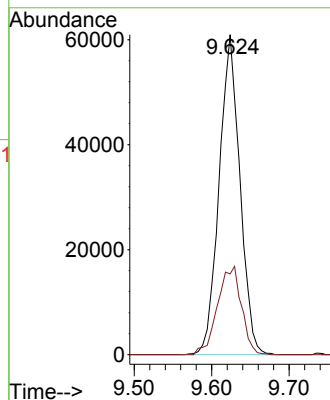
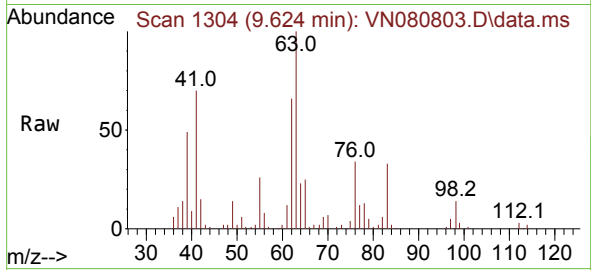




#45
1,2-Dichloropropane
Concen: 51.598 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

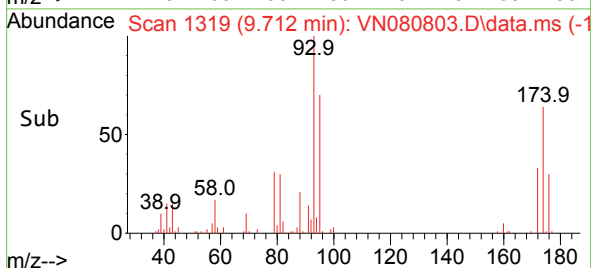
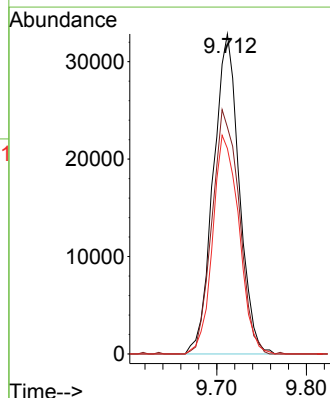
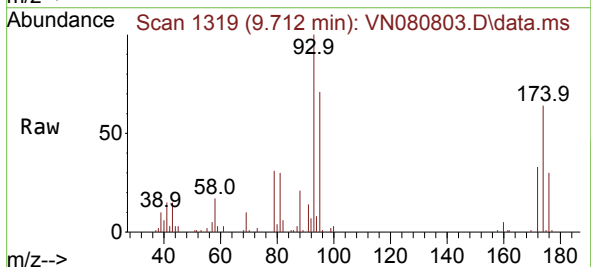
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

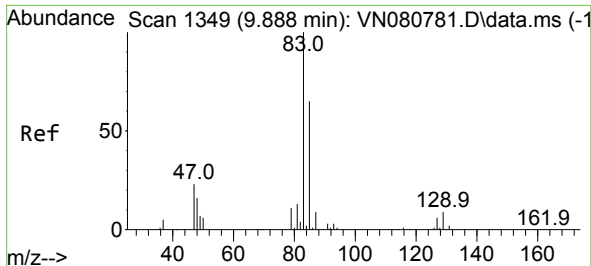
Tgt Ion: 63 Resp: 113787
Ion Ratio Lower Upper
63 100
65 25.3 26.1 39.1#



#46
Dibromomethane
Concen: 50.199 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 93 Resp: 65624
Ion Ratio Lower Upper
93 100
95 80.2 68.1 102.1
174 69.5 57.2 85.8





#47

Bromodichloromethane

Concen: 48.563 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

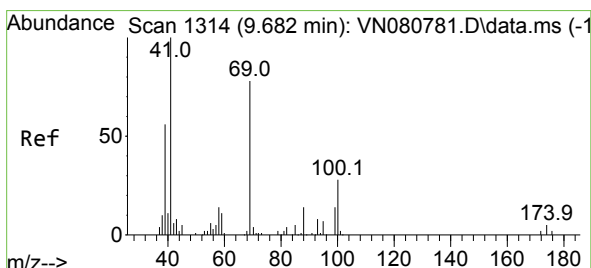
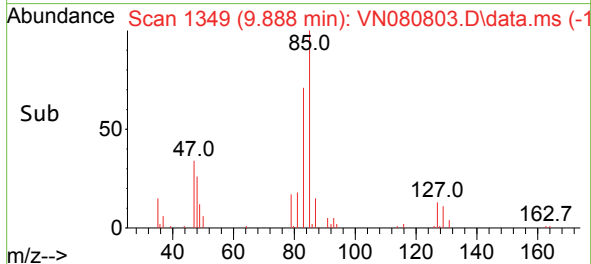
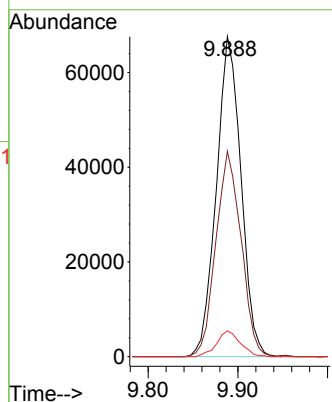
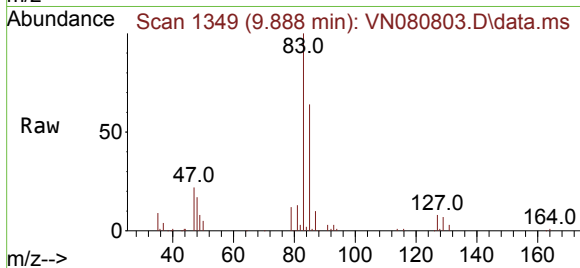
Tgt Ion: 83 Resp: 128892

Ion Ratio Lower Upper

83 100

85 64.2 52.3 78.5

127 8.1 4.6 7.0#



#48

Methyl methacrylate

Concen: 47.682 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

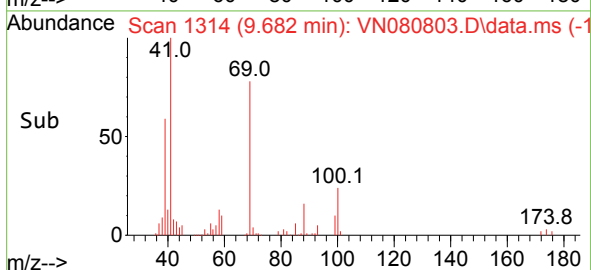
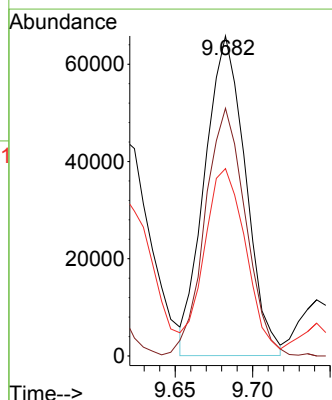
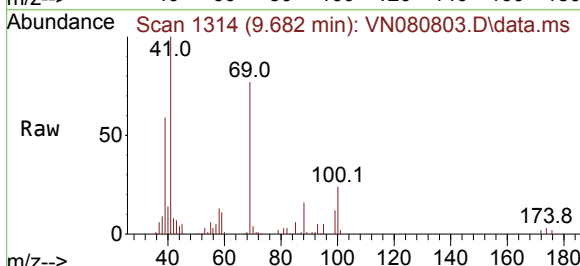
Tgt Ion: 41 Resp: 120121

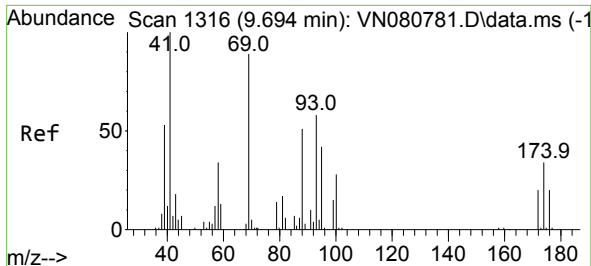
Ion Ratio Lower Upper

41 100

69 77.7 62.2 93.2

39 60.3 47.6 71.4





#49

1,4-Dioxane

Concen: 1020.010 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

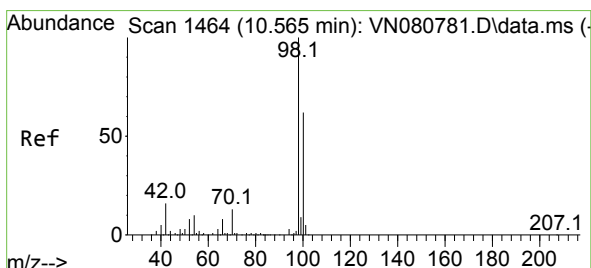
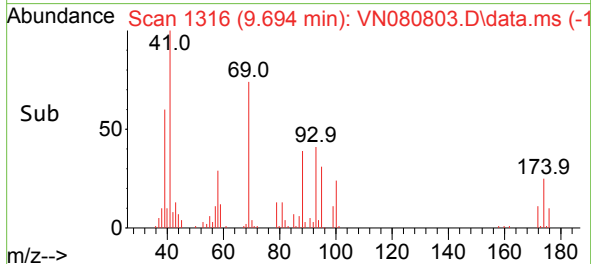
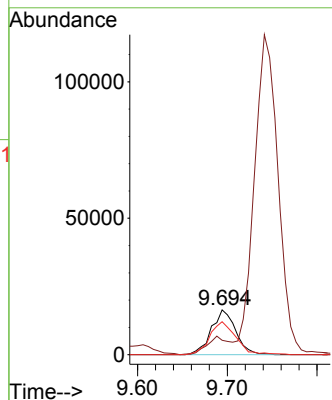
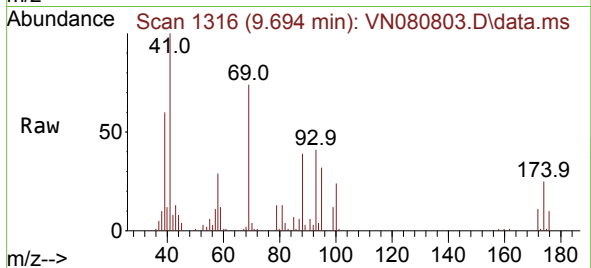
Tgt Ion: 88 Resp: 30952

Ion Ratio Lower Upper

88 100

43 37.5 30.1 45.1

58 79.6 63.9 95.9



#50

Toluene-d8

Concen: 47.931 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080803.D

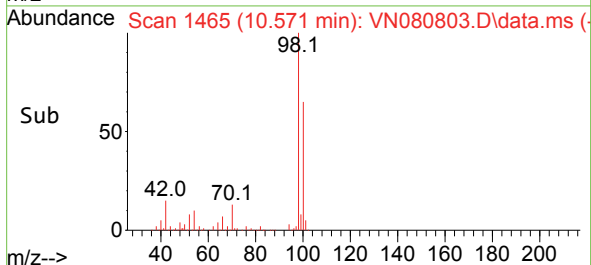
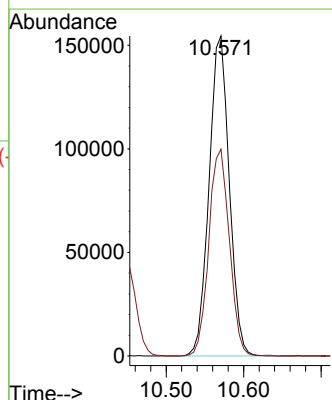
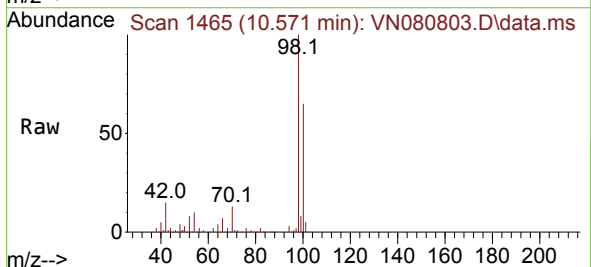
Acq: 29 Jan 2024 20:05

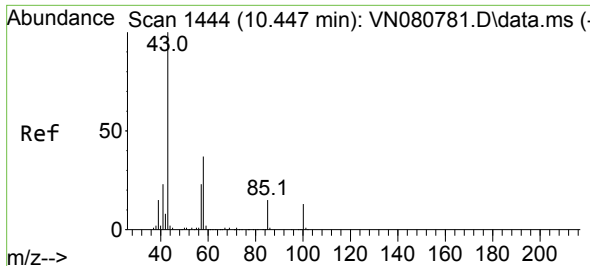
Tgt Ion: 98 Resp: 279839

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

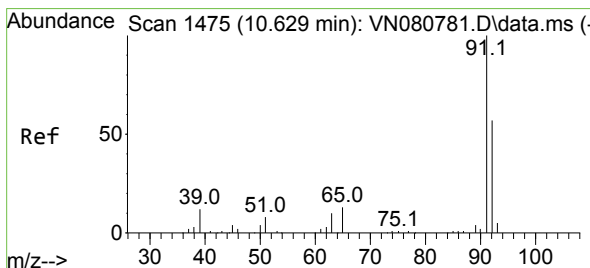
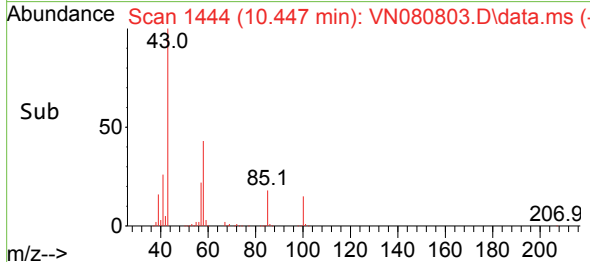
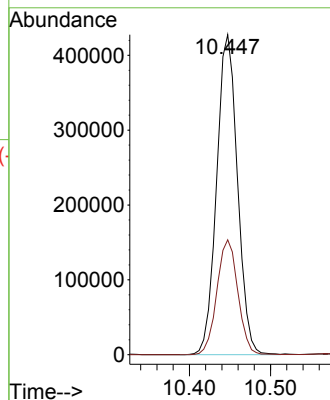
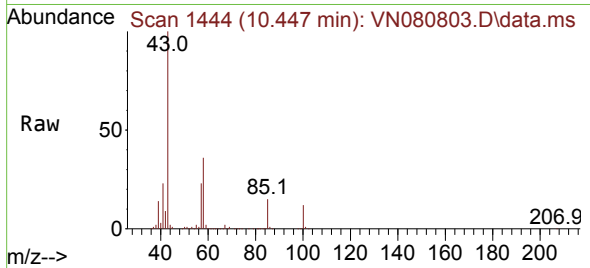




#51
4-Methyl-2-Pentanone
Concen: 262.687 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

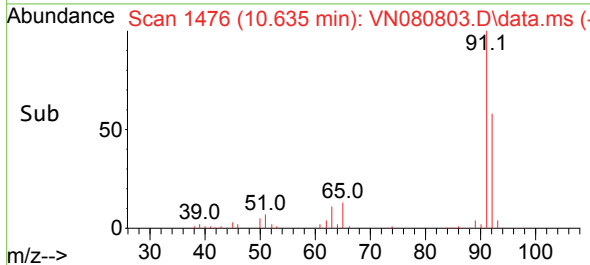
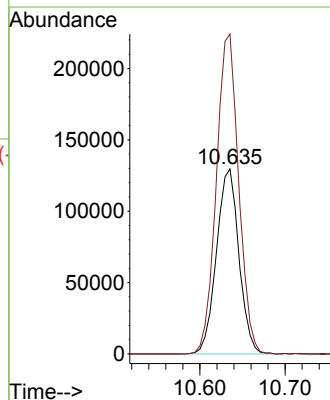
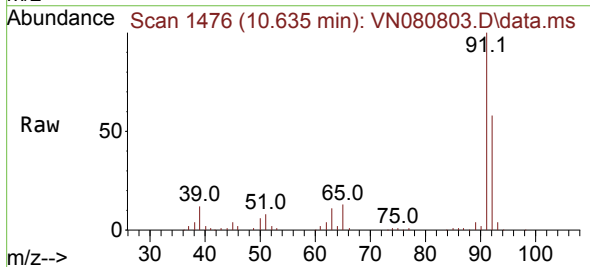
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

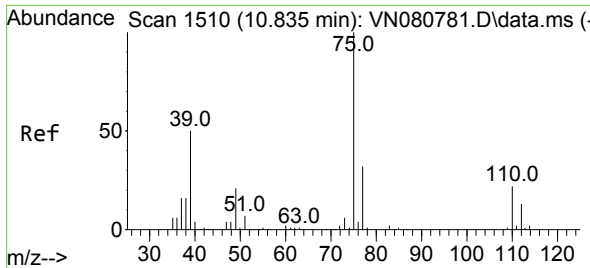
Tgt Ion: 43 Resp: 763077
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0



#52
Toluene
Concen: 50.813 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 92 Resp: 237410
Ion Ratio Lower Upper
92 100
91 172.2 139.4 209.0

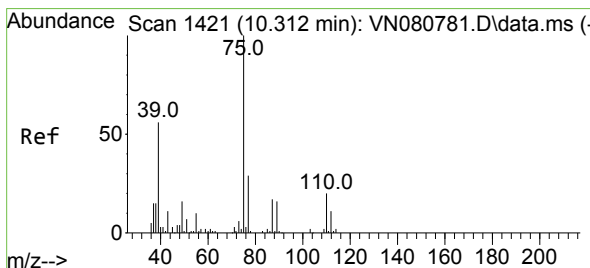
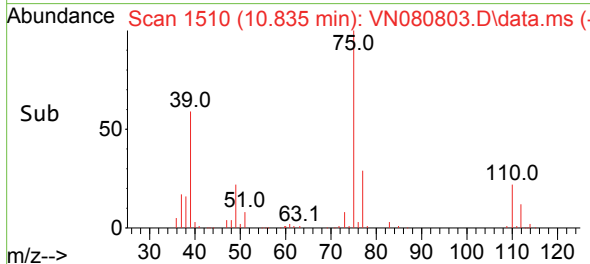
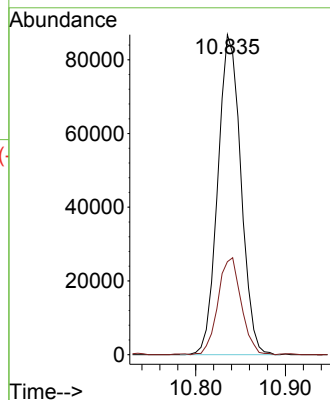
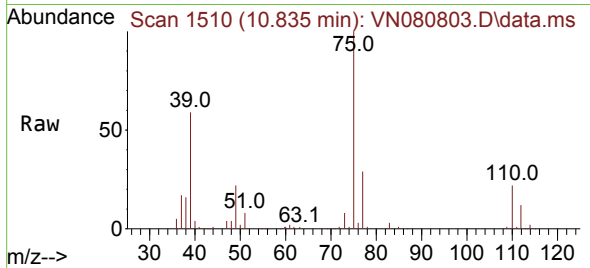




#53
t-1,3-Dichloropropene
Concen: 50.123 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

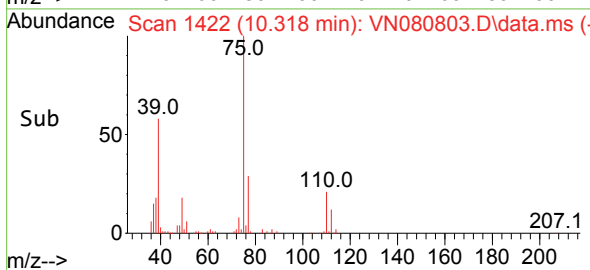
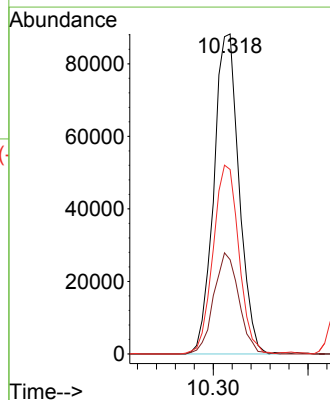
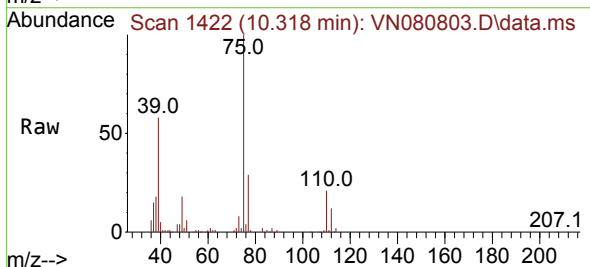
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

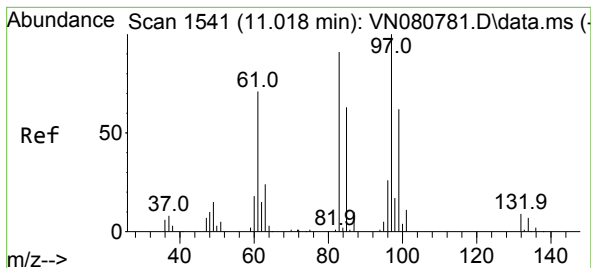
Tgt Ion: 75 Resp: 154975
Ion Ratio Lower Upper
75 100
77 28.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 48.602 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 75 Resp: 163414
Ion Ratio Lower Upper
75 100
77 29.5 23.3 34.9
39 57.7 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 50.235 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90202

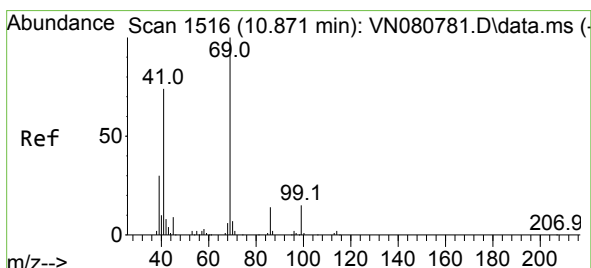
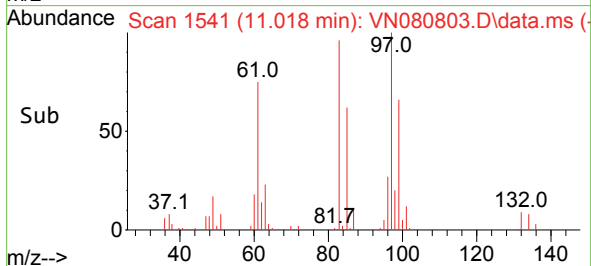
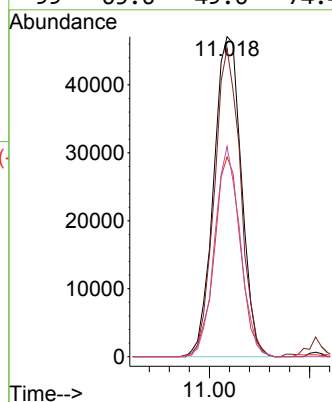
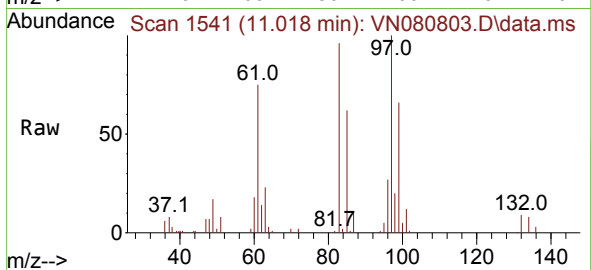
Ion Ratio Lower Upper

97 100

83 96.3 72.9 109.3

85 62.4 50.2 75.2

99 65.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 56.278 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

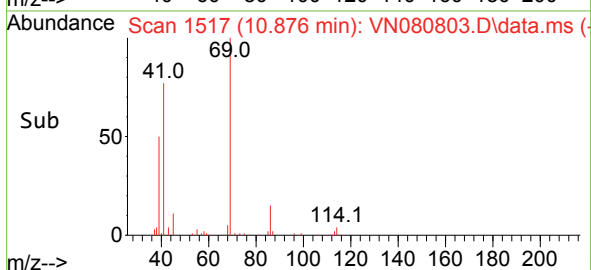
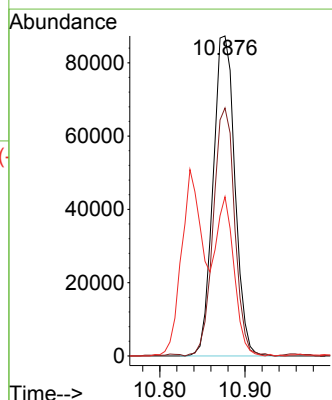
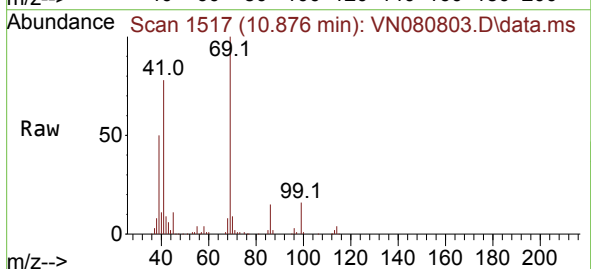
Tgt Ion: 69 Resp: 155344

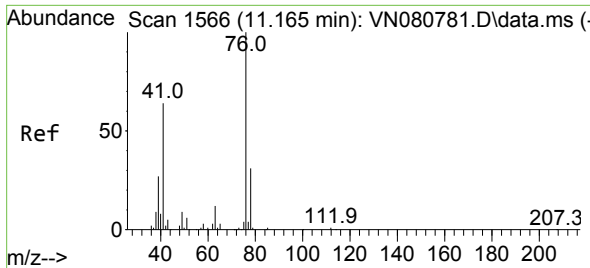
Ion Ratio Lower Upper

69 100

41 76.0 61.0 91.6

39 41.4 31.8 47.6

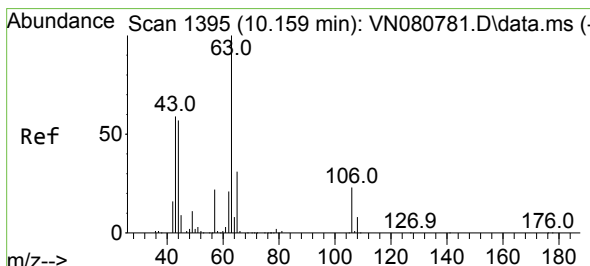
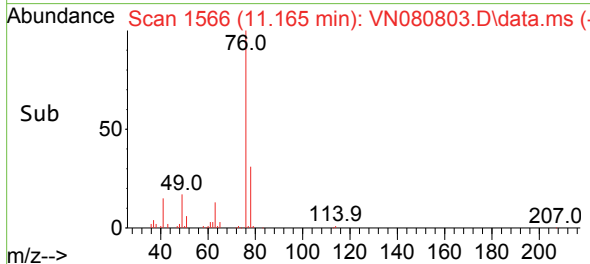
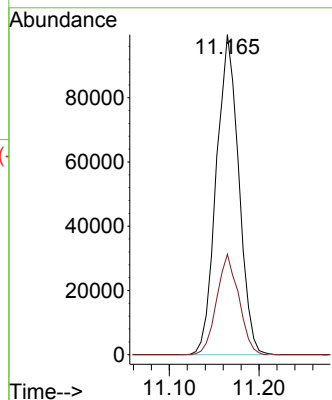
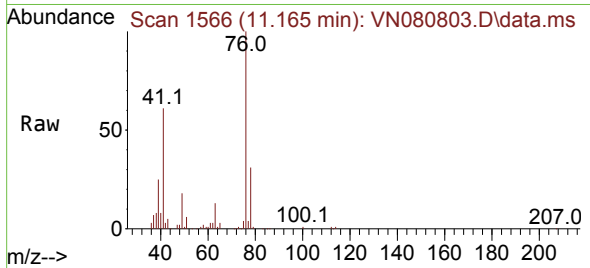




#57
1,3-Dichloropropane
Concen: 51.204 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

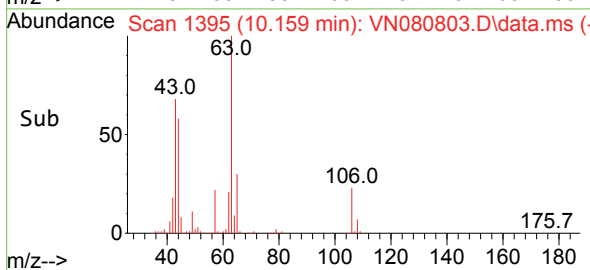
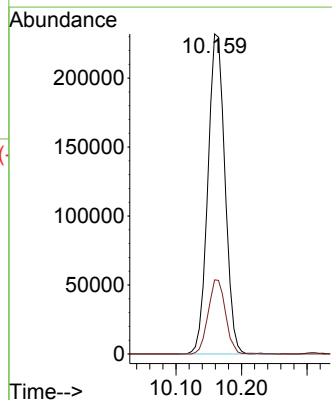
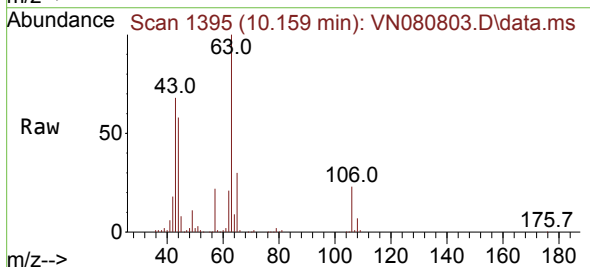
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

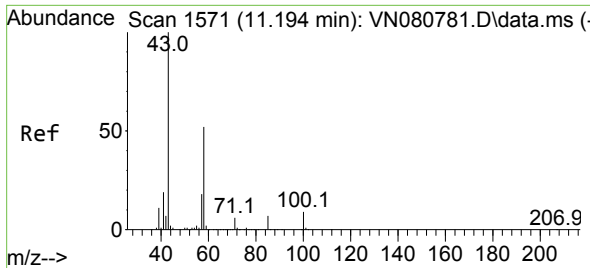
Tgt Ion: 76 Resp: 173033
Ion Ratio Lower Upper
76 100
78 30.9 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 261.265 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 63 Resp: 420414
Ion Ratio Lower Upper
63 100
106 23.4 18.6 28.0

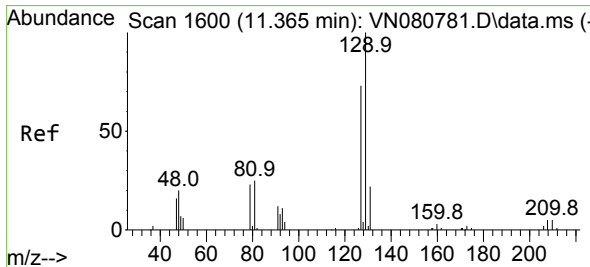
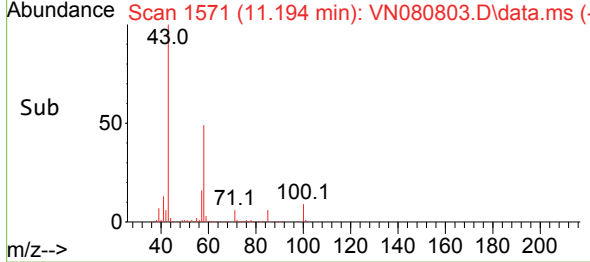
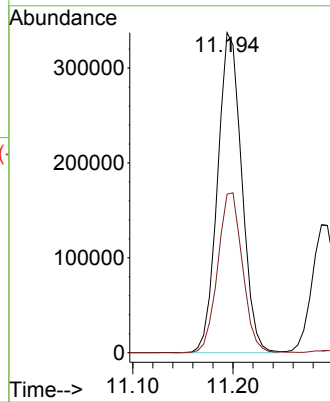
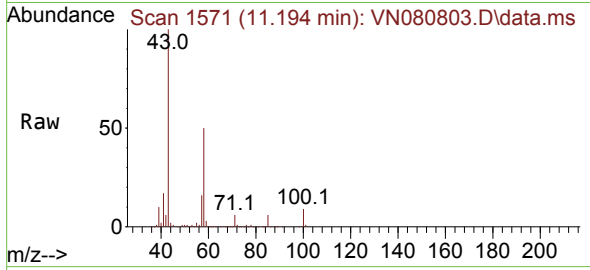




#59
2-Hexanone
Concen: 250.282 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

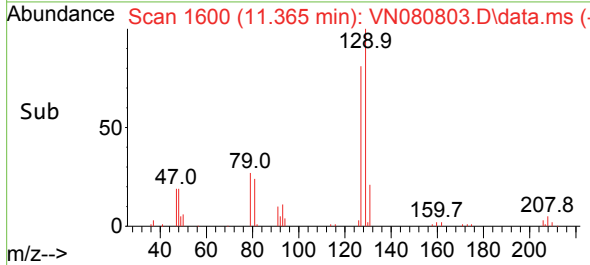
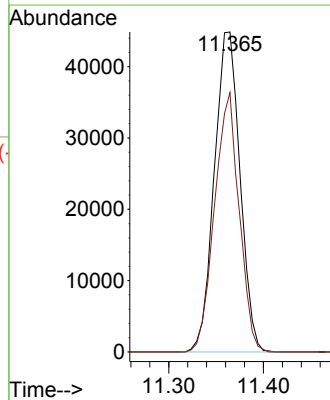
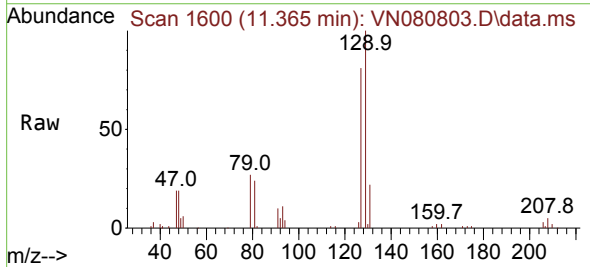
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

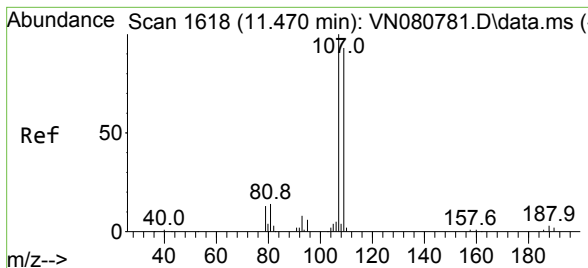
Tgt Ion: 43 Resp: 564745
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 50.631 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 129 Resp: 84562
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2

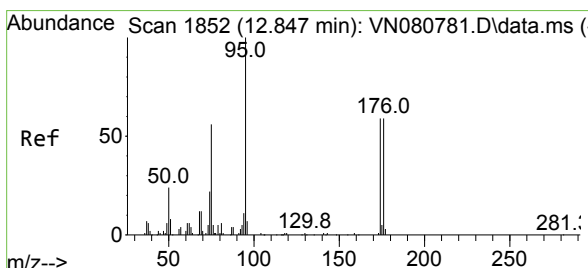
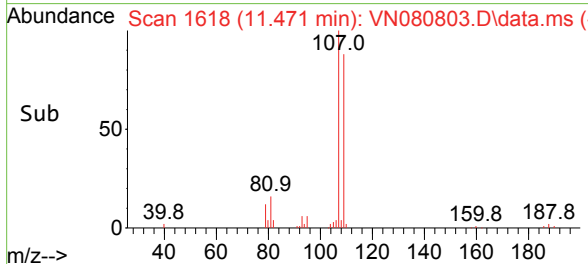
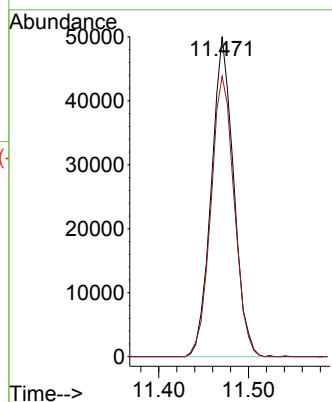
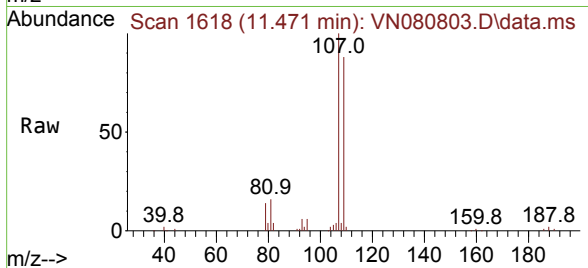




#61
1,2-Dibromoethane
Concen: 51.147 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

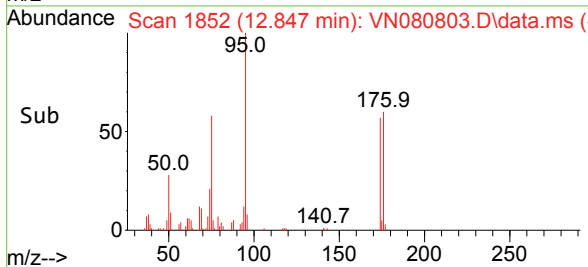
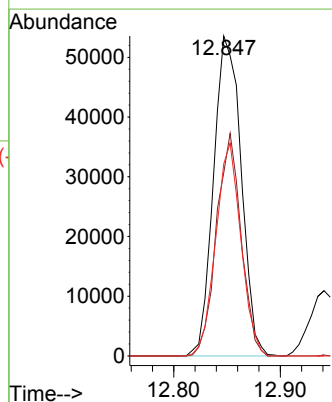
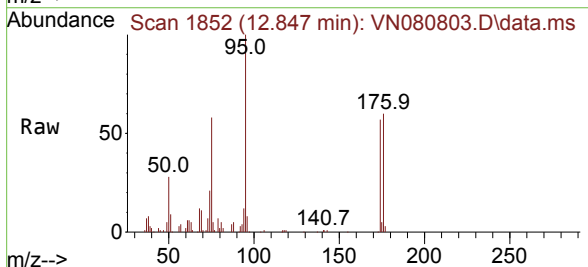
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

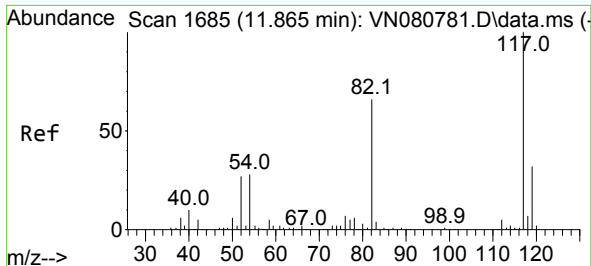
Tgt Ion:107 Resp: 86070
Ion Ratio Lower Upper
107 100
109 92.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 47.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 95 Resp: 96301
Ion Ratio Lower Upper
95 100
174 62.1 0.0 120.4
176 60.8 0.0 121.0

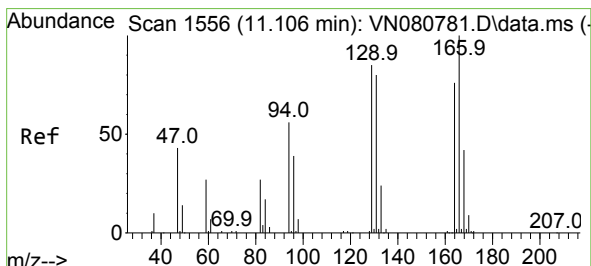
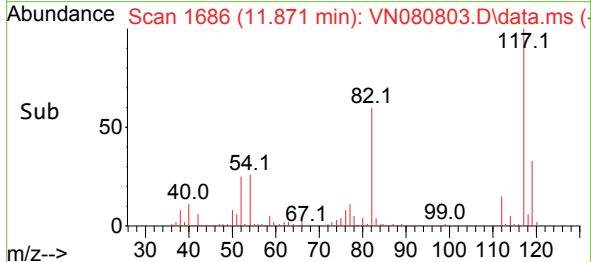
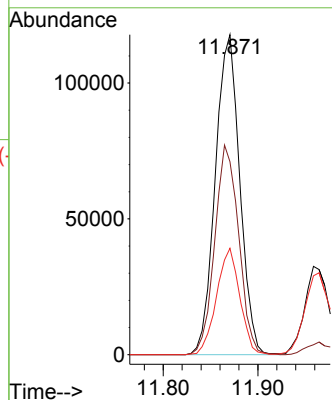
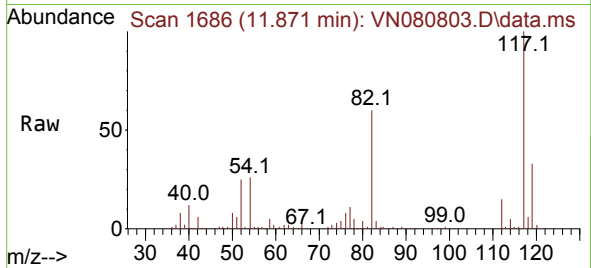




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

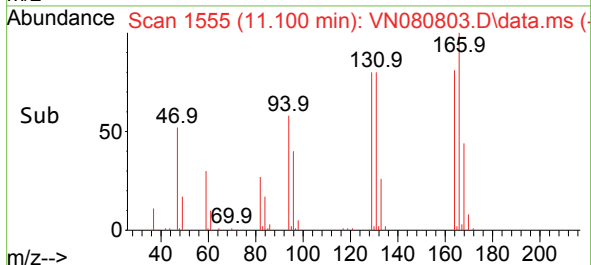
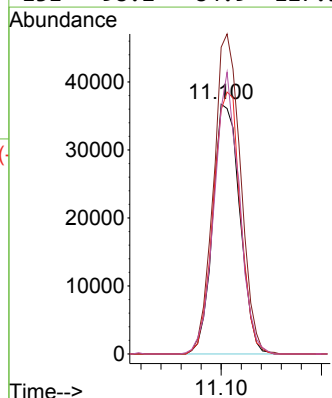
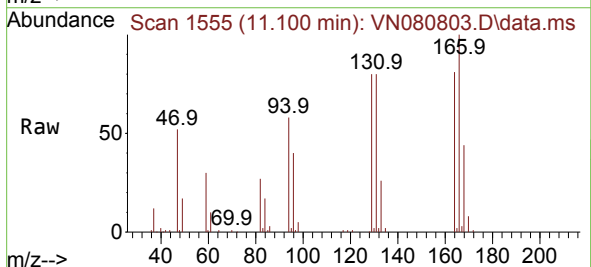
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

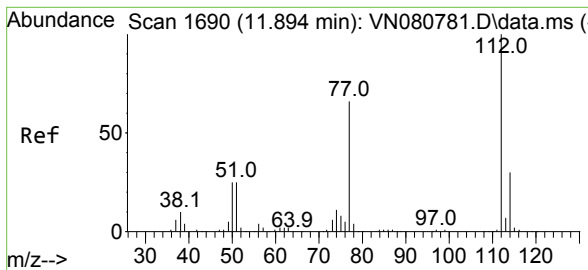
Tgt Ion:117 Resp: 211476
Ion Ratio Lower Upper
117 100
82 60.3 52.7 79.1
119 33.3 25.3 37.9



#64
Tetrachloroethene
Concen: 49.383 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:164 Resp: 68643
Ion Ratio Lower Upper
164 100
166 122.9 105.8 158.6
129 97.8 89.6 134.4
131 98.2 84.9 127.3

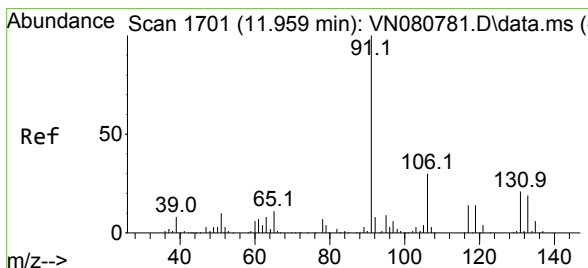
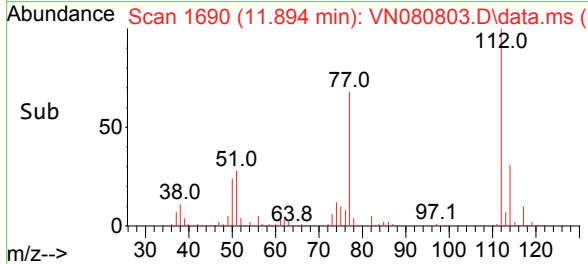
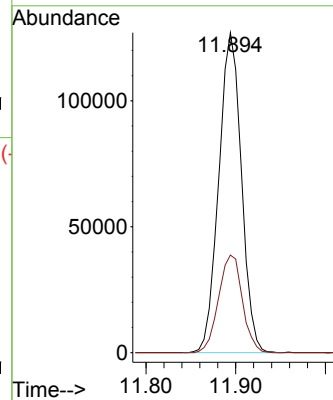
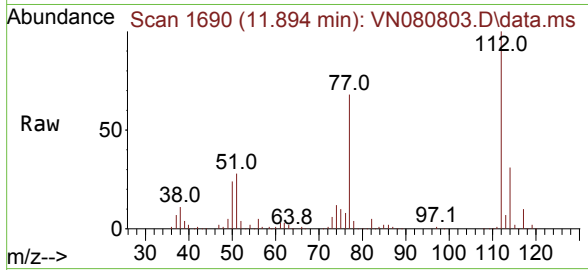




#65
Chlorobenzene
Concen: 48.190 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

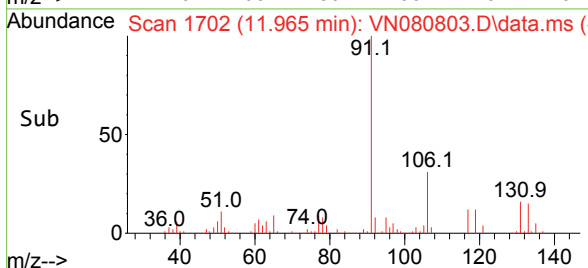
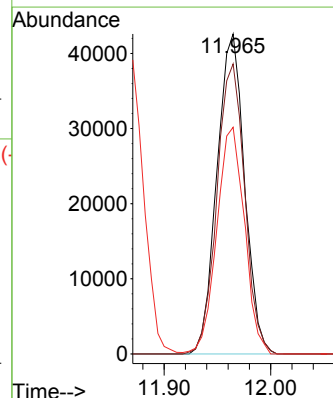
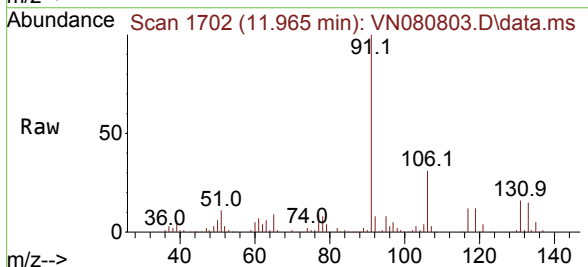
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

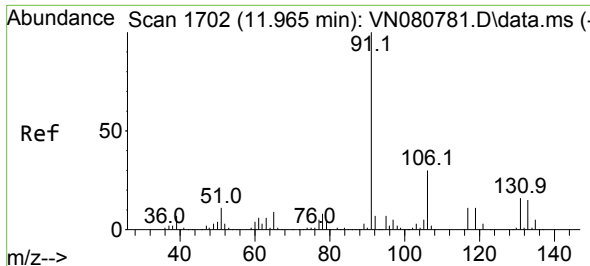
Tgt Ion:112 Resp: 222418
Ion Ratio Lower Upper
112 100
114 30.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:131 Resp: 76713
Ion Ratio Lower Upper
131 100
133 90.9 46.8 140.3
119 71.1 34.6 103.9

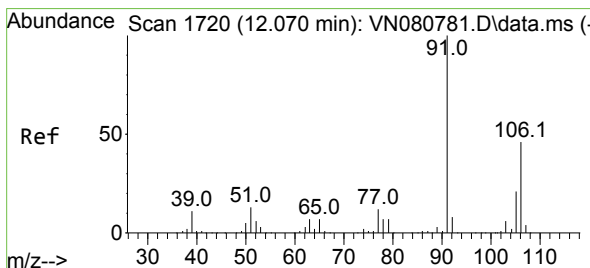
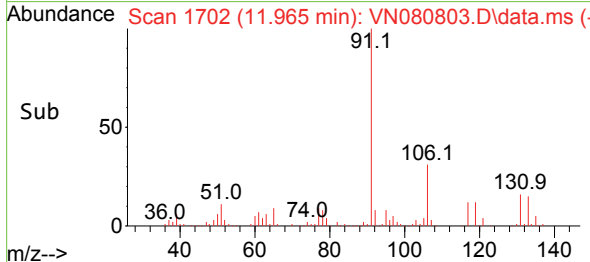
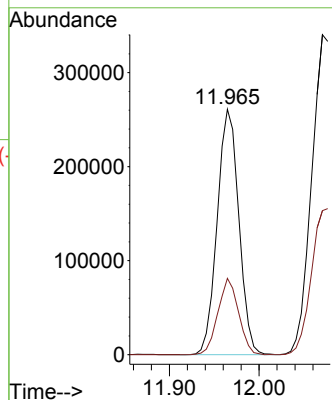
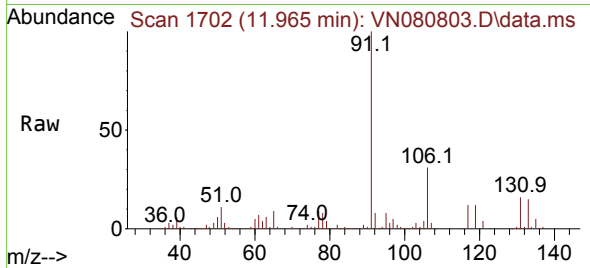




#67
Ethyl Benzene
Concen: 50.939 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

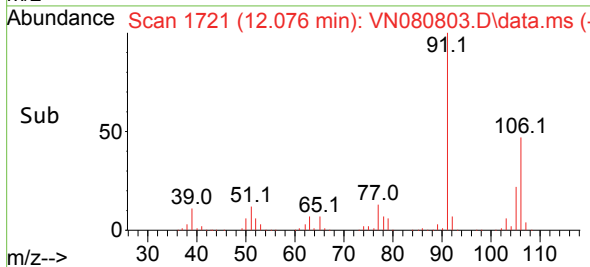
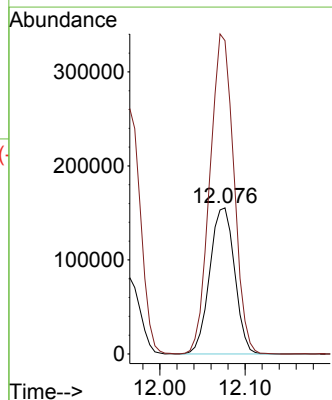
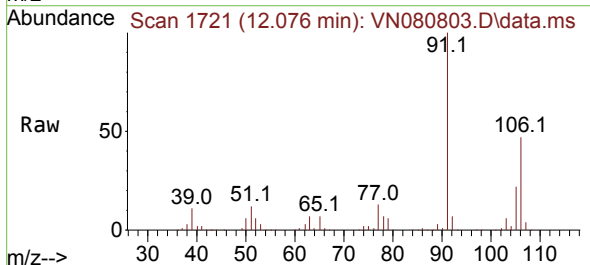
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

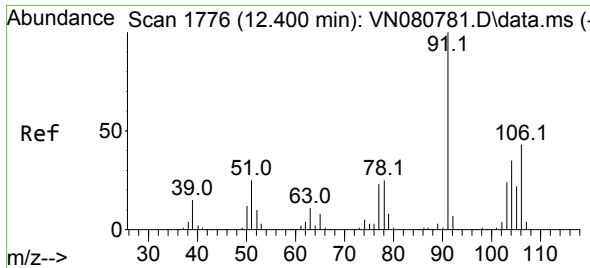
Tgt Ion: 91 Resp: 436970
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.6



#68
m/p-Xylenes
Concen: 103.679 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:106 Resp: 315855
Ion Ratio Lower Upper
106 100
91 211.0 169.0 253.6

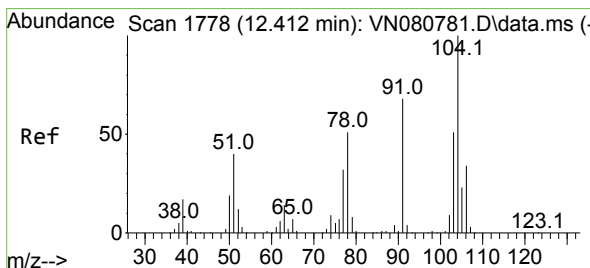
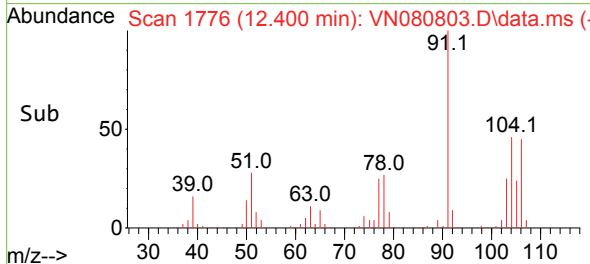
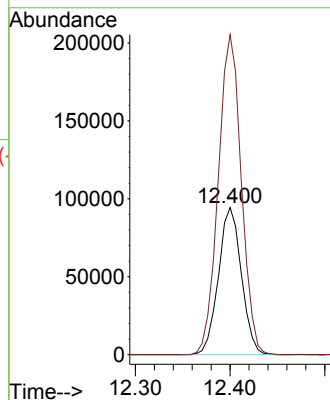
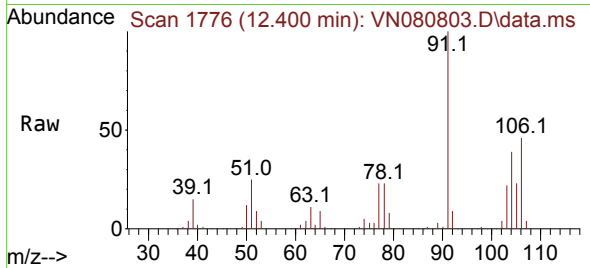




#69
o-Xylene
Concen: 52.508 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

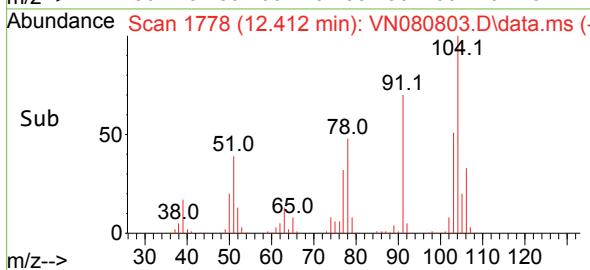
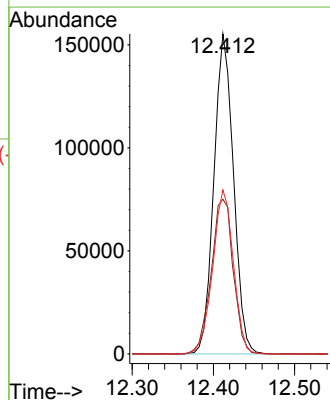
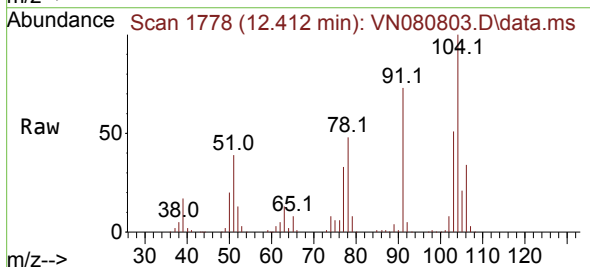
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

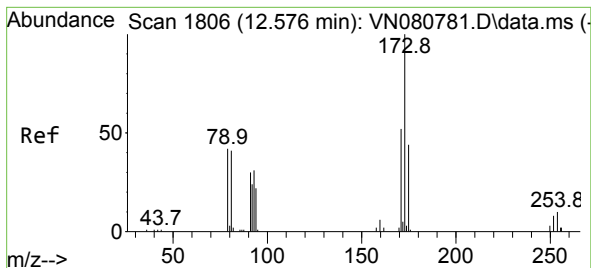
Tgt Ion:106 Resp: 158949
Ion Ratio Lower Upper
106 100
91 218.8 112.1 336.3



#70
Styrene
Concen: 53.549 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion:104 Resp: 260336
Ion Ratio Lower Upper
104 100
78 54.6 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 51.310 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

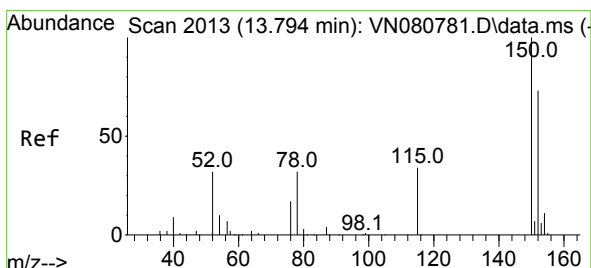
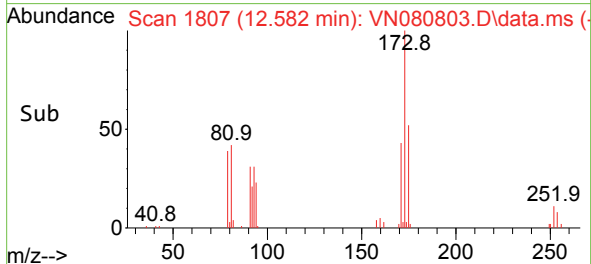
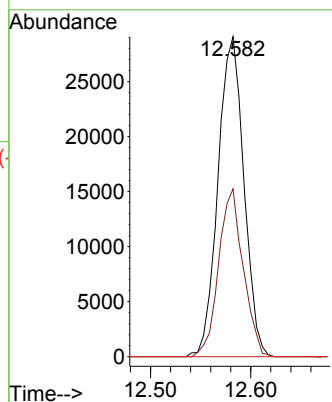
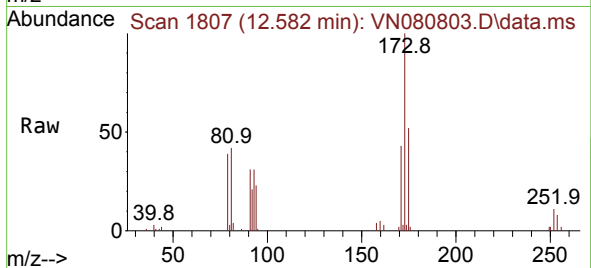
Tgt Ion:173 Resp: 52070

Ion Ratio Lower Upper

173 100

175 49.9 23.1 69.2

254 0.0 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: VN080803.D

Acq: 29 Jan 2024 20:05

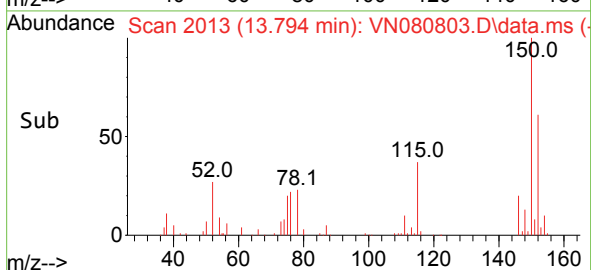
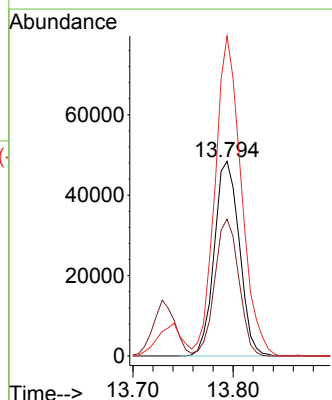
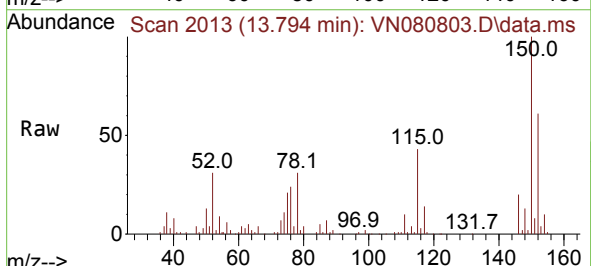
Tgt Ion:152 Resp: 84015

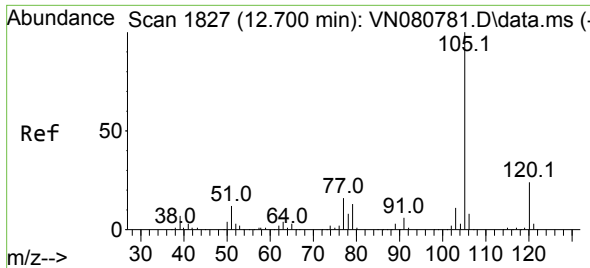
Ion Ratio Lower Upper

152 100

115 67.6 32.3 96.8

150 171.8 0.0 339.8

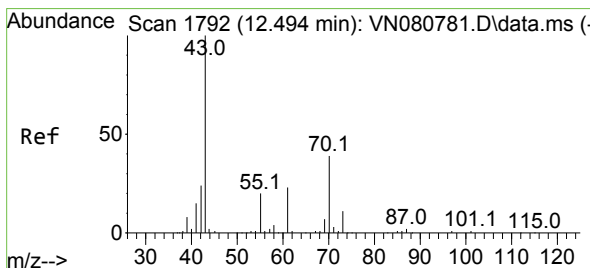
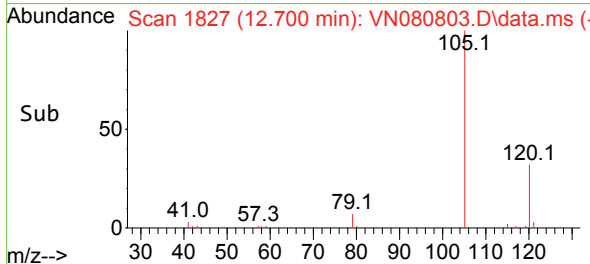
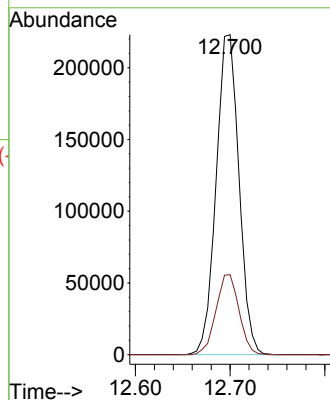
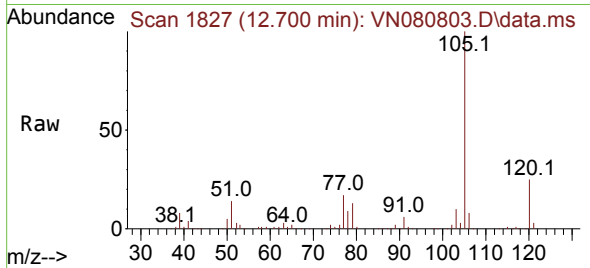




#73
Isopropylbenzene
Concen: 48.571 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

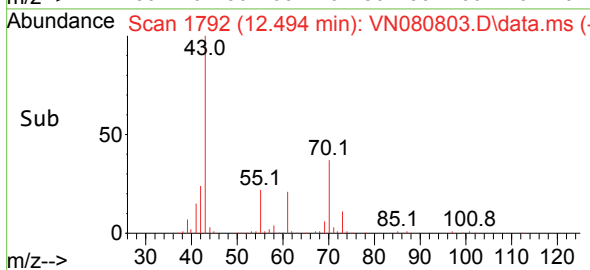
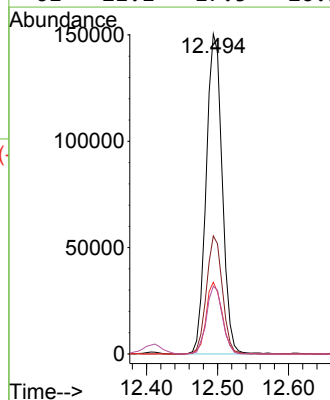
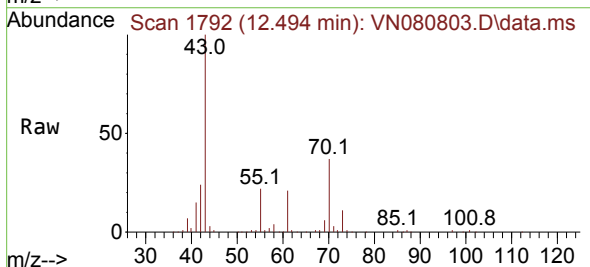
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

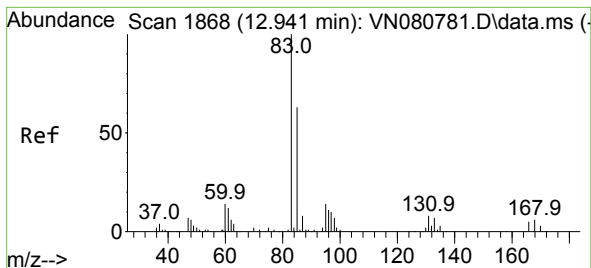
Tgt Ion:105 Resp: 373691
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.6



#74
N-ethyl acetate
Concen: 49.484 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 43 Resp: 236374
Ion Ratio Lower Upper
43 100
70 36.6 30.1 45.1
55 22.3 17.0 25.4
61 21.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.980 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

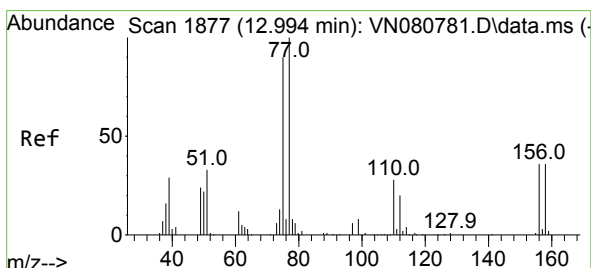
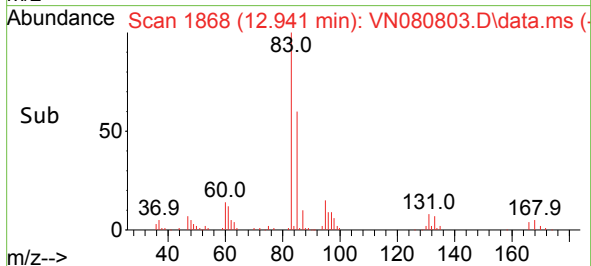
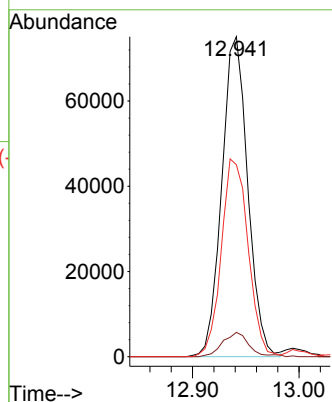
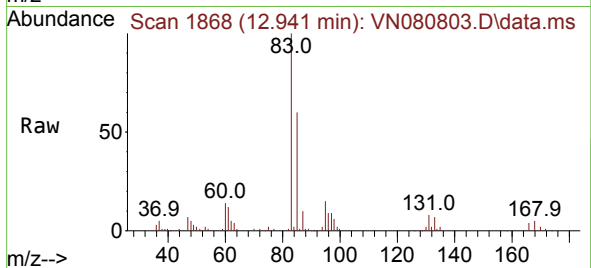
Tgt Ion: 83 Resp: 127145

Ion Ratio Lower Upper

83 100

131 7.7 4.1 12.3

85 63.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 68.012 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080803.D

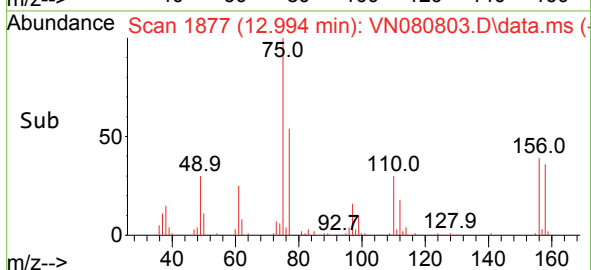
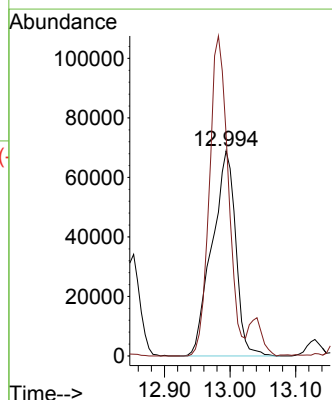
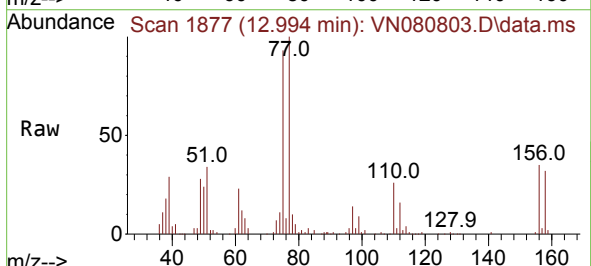
Acq: 29 Jan 2024 20:05

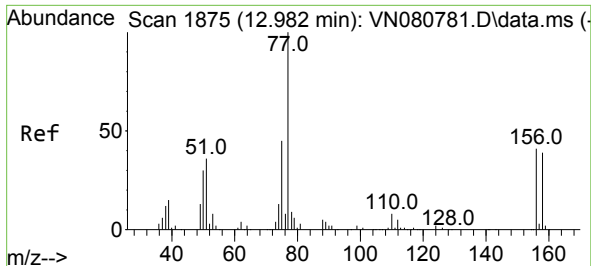
Tgt Ion: 75 Resp: 172336

Ion Ratio Lower Upper

75 100

77 125.0 91.0 272.8

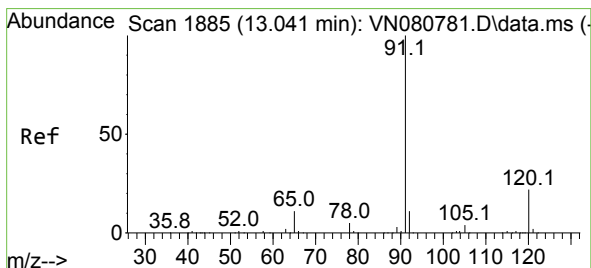
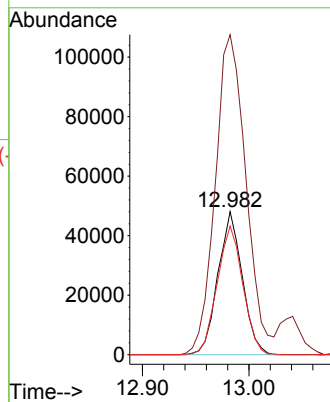
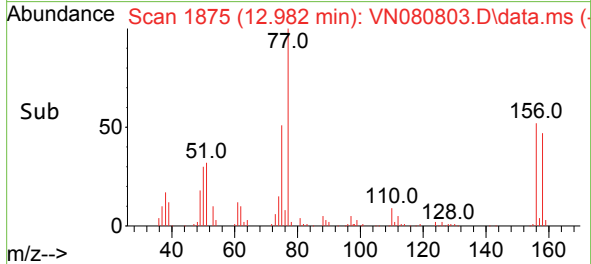
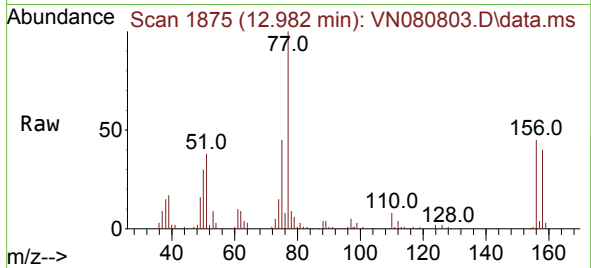




#77
Bromobenzene
Concen: 46.310 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

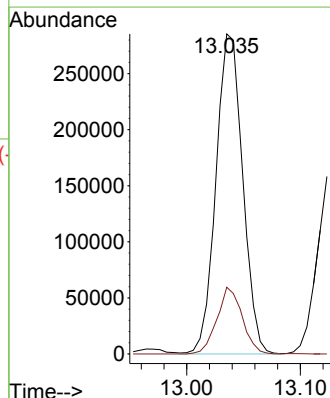
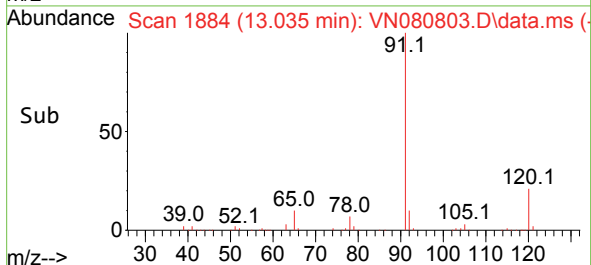
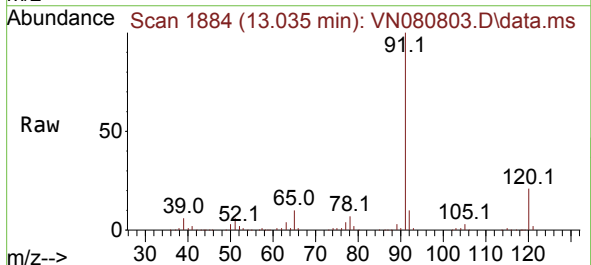
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

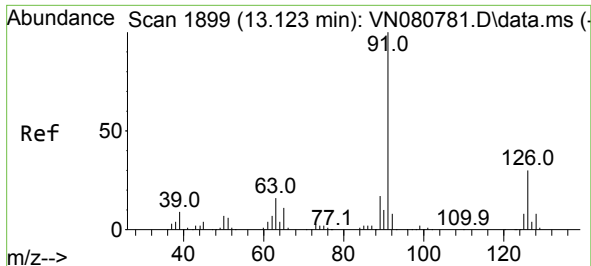
Tgt Ion:156 Resp: 76163
Ion Ratio Lower Upper
156 100
77 282.9 138.1 414.3
158 94.8 46.5 139.5



#78
n-propylbenzene
Concen: 50.826 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 91 Resp: 467160
Ion Ratio Lower Upper
91 100
120 19.6 10.3 30.9

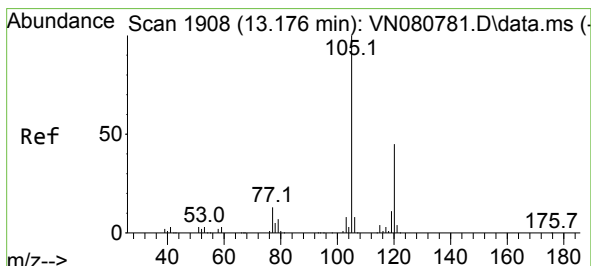
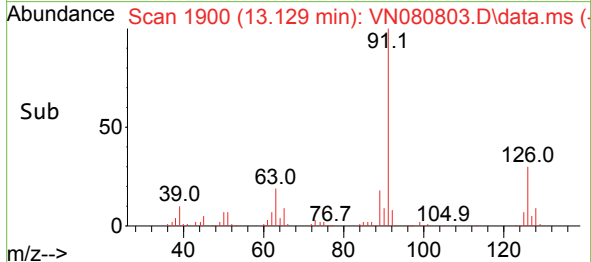
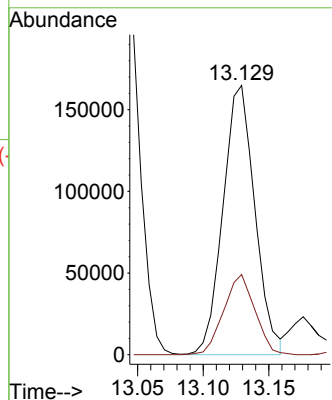
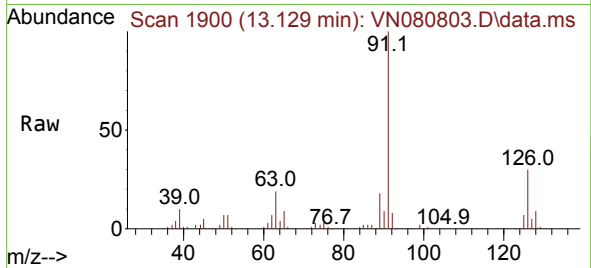




#79
2-Chlorotoluene
Concen: 47.796 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

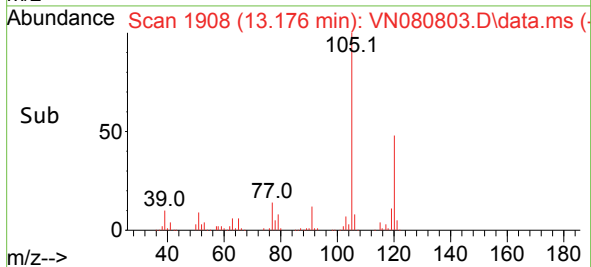
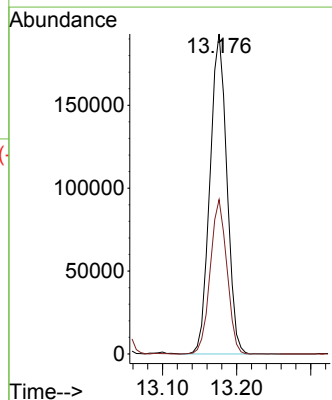
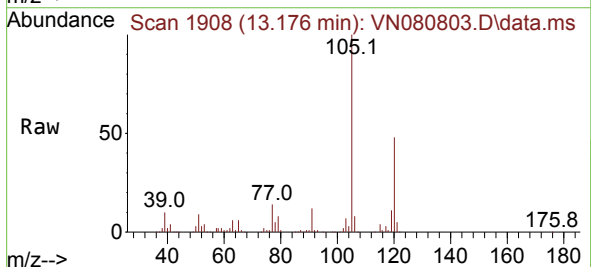
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

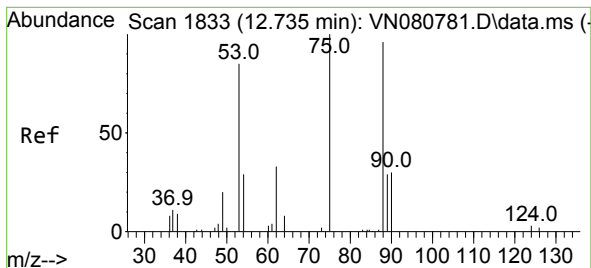
Tgt Ion: 91 Resp: 279219
Ion Ratio Lower Upper
91 100
126 29.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 49.912 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 105 Resp: 305822
Ion Ratio Lower Upper
105 100
120 47.5 23.0 69.0

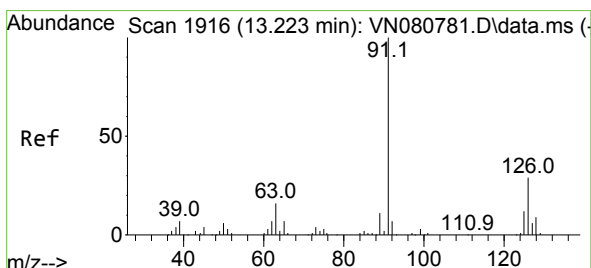
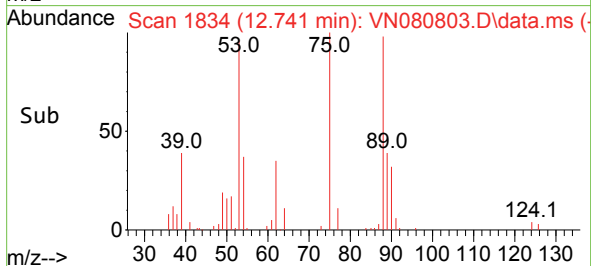
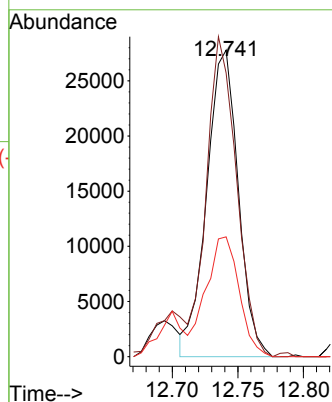
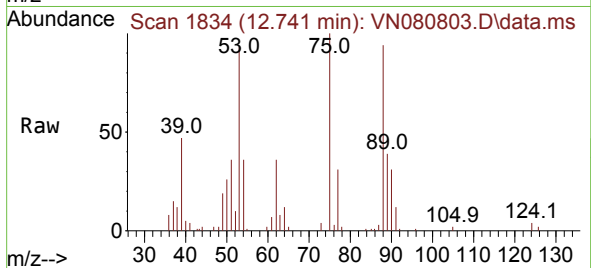




#81
trans-1,4-Dichloro-2-butene
Concen: 47.329 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

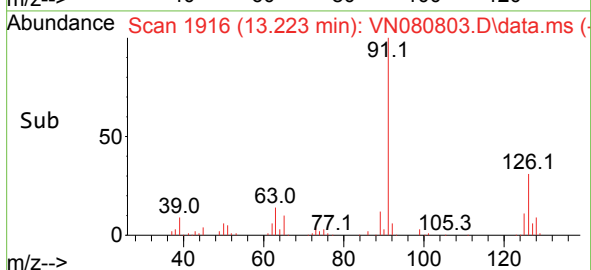
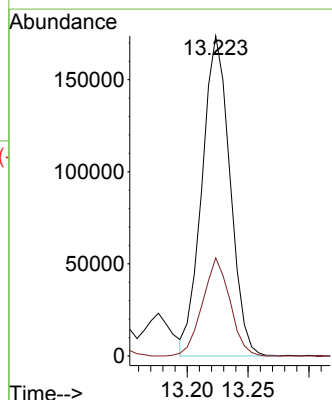
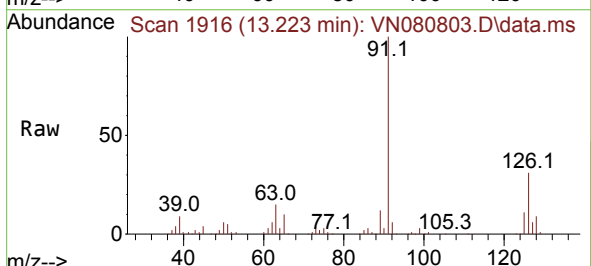
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

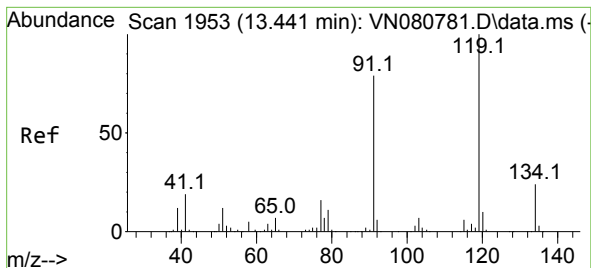
Tgt Ion: 75 Resp: 46552
Ion Ratio Lower Upper
75 100
53 98.2 71.4 107.2
89 40.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 48.197 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 91 Resp: 278796
Ion Ratio Lower Upper
91 100
126 30.0 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.086 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

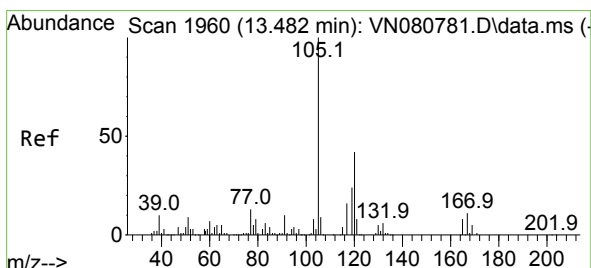
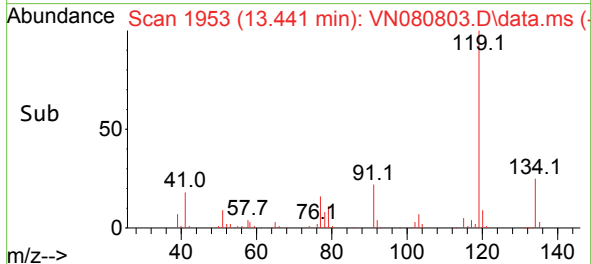
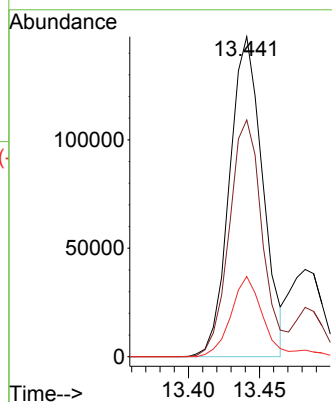
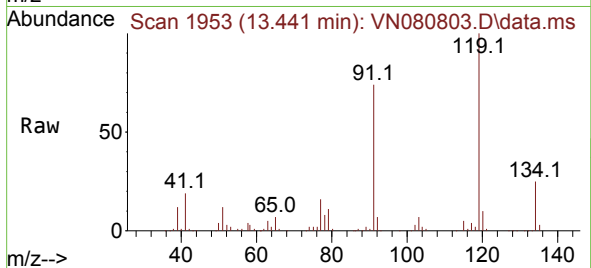
Tgt Ion:119 Resp: 240184

Ion Ratio Lower Upper

119 100

91 74.4 36.8 110.4

134 25.0 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 48.870 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080803.D

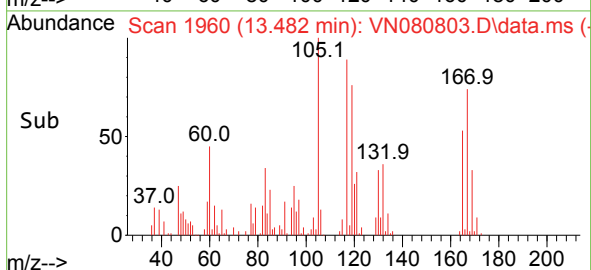
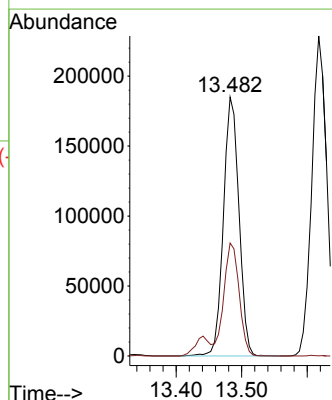
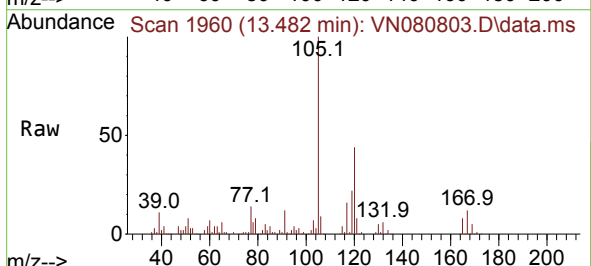
Acq: 29 Jan 2024 20:05

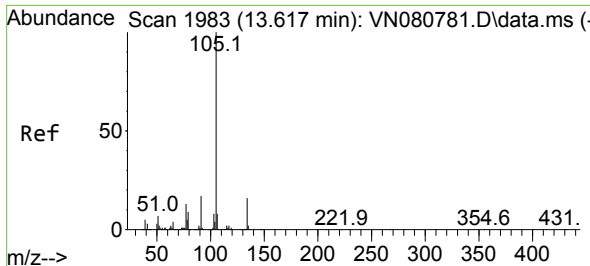
Tgt Ion:105 Resp: 303386

Ion Ratio Lower Upper

105 100

120 43.6 20.9 62.7

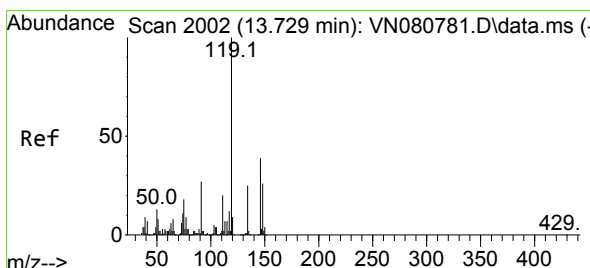
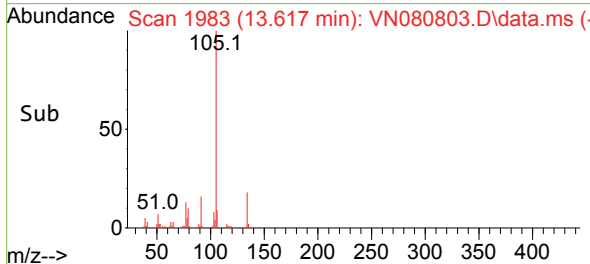
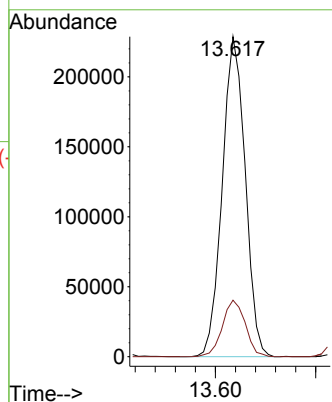
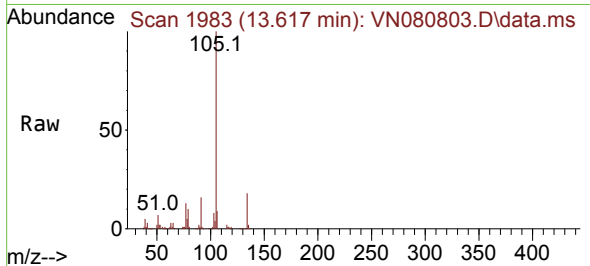




#85
 sec-Butylbenzene
 Concen: 50.235 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

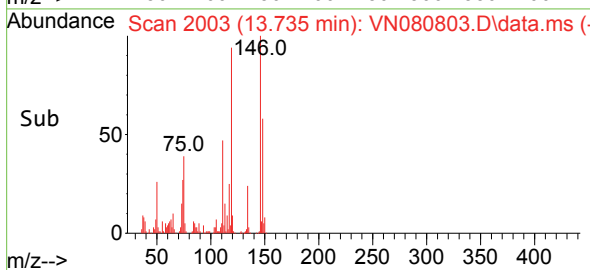
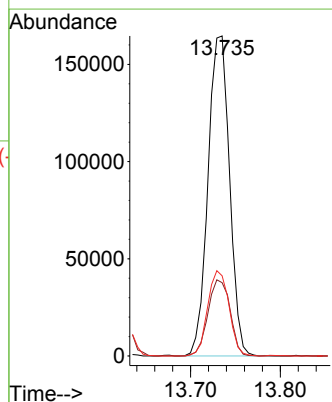
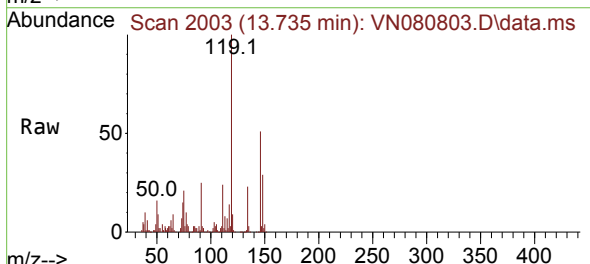
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

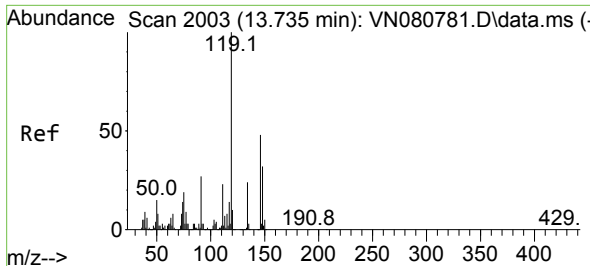
Tgt Ion:105 Resp: 362385
 Ion Ratio Lower Upper
 105 100
 134 17.7 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 48.948 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080803.D
 Acq: 29 Jan 2024 20:05

Tgt Ion:119 Resp: 274400
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.4 37.2
 91 26.3 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 47.950 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

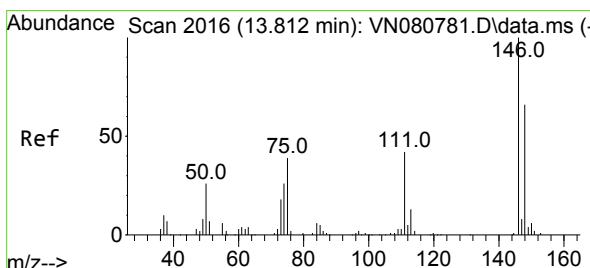
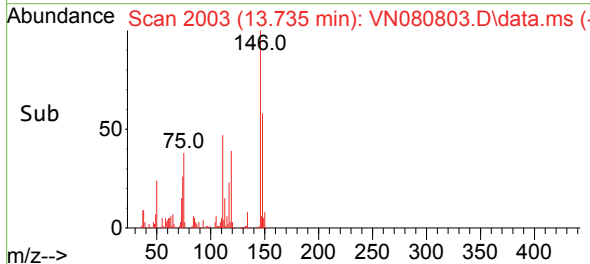
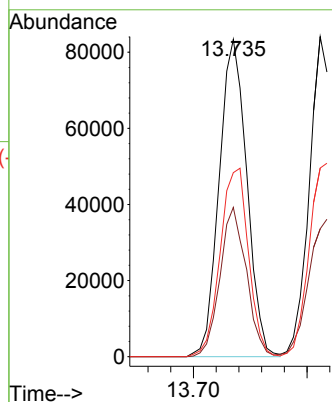
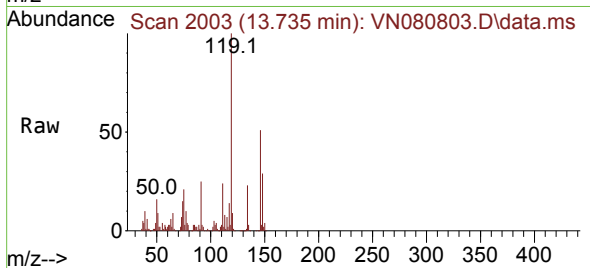
Tgt Ion:146 Resp: 141055

Ion Ratio Lower Upper

146 100

111 44.9 23.9 71.7

148 60.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 46.763 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

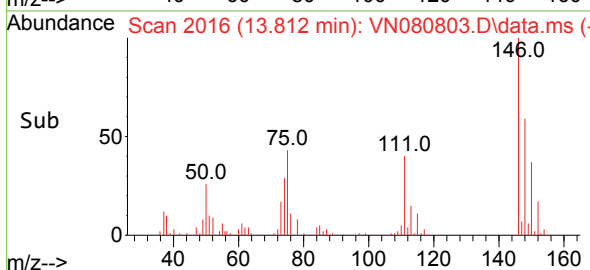
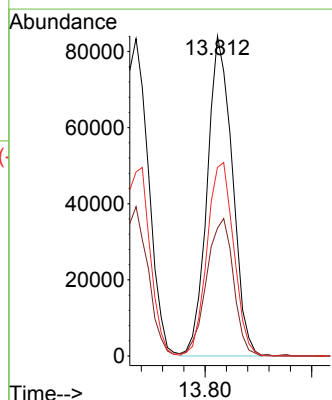
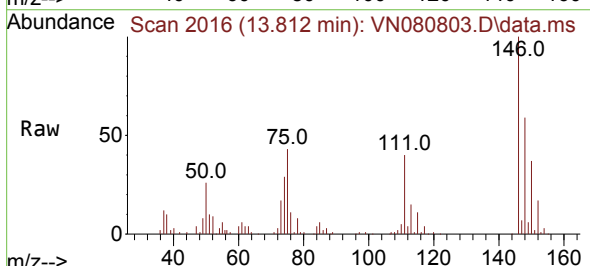
Tgt Ion:146 Resp: 137915

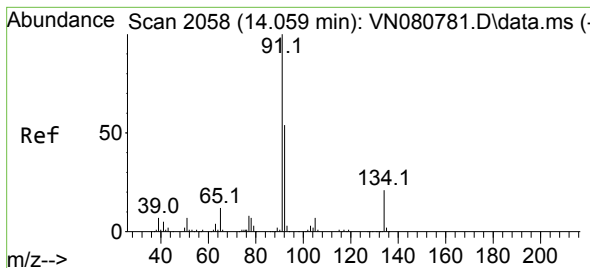
Ion Ratio Lower Upper

146 100

111 46.2 22.6 67.7

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 47.882 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

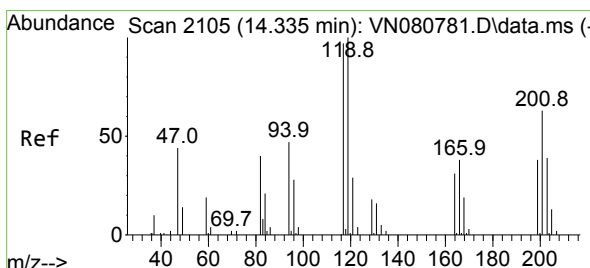
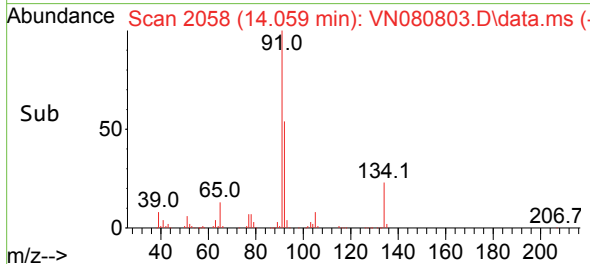
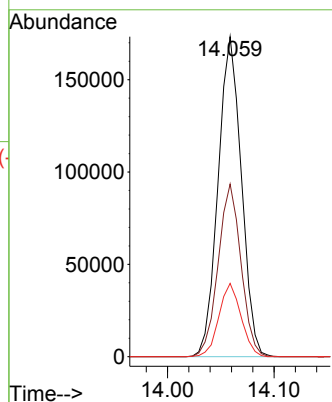
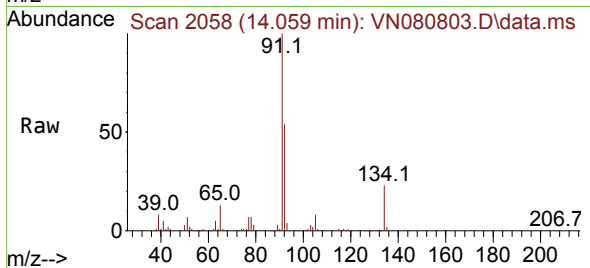
Tgt Ion: 91 Resp: 262677

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.1

134 21.9 10.8 32.4



#90

Hexachloroethane

Concen: 47.751 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080803.D

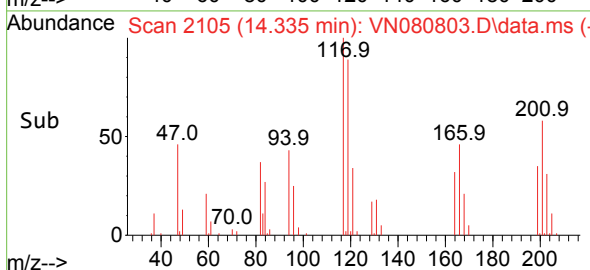
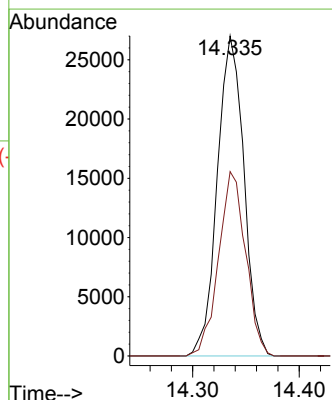
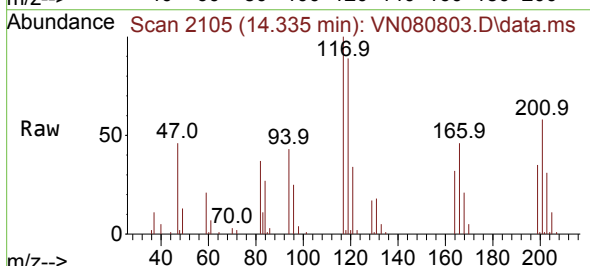
Acq: 29 Jan 2024 20:05

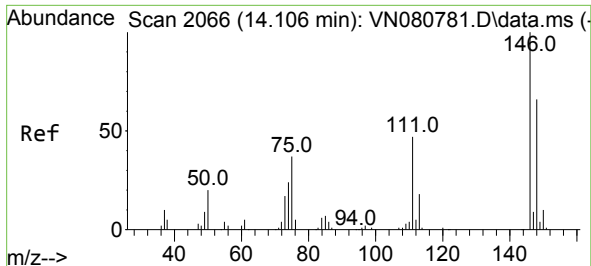
Tgt Ion: 117 Resp: 46840

Ion Ratio Lower Upper

117 100

201 58.6 30.0 90.0

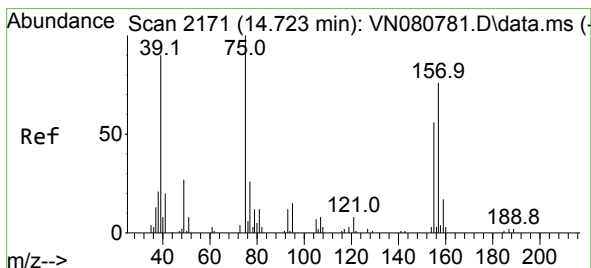
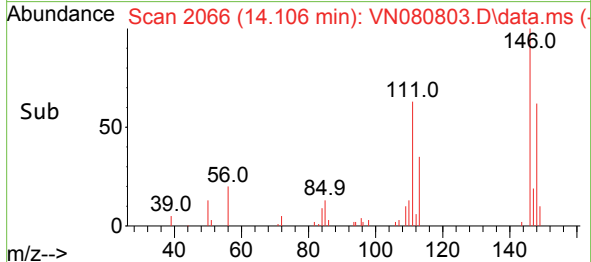
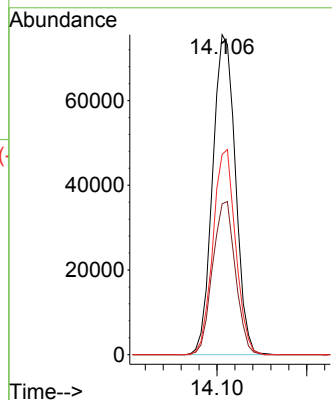
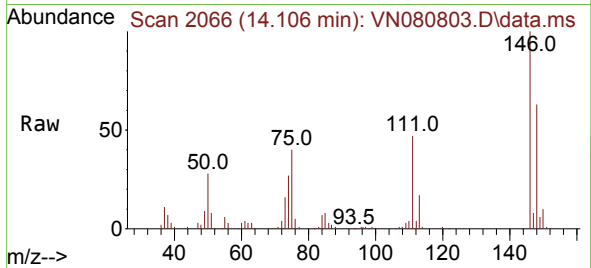




#91
1,2-Dichlorobenzene
Concen: 49.418 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

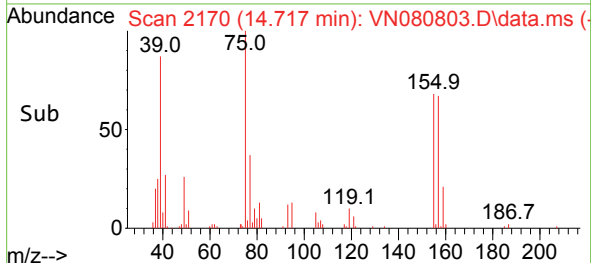
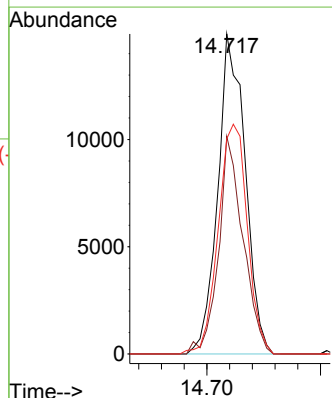
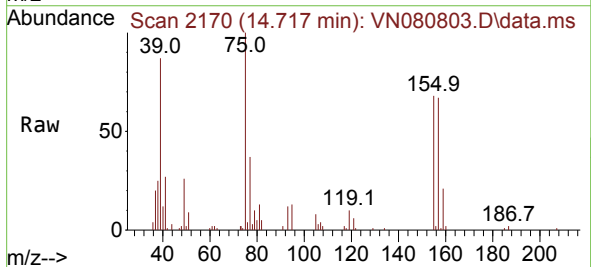
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

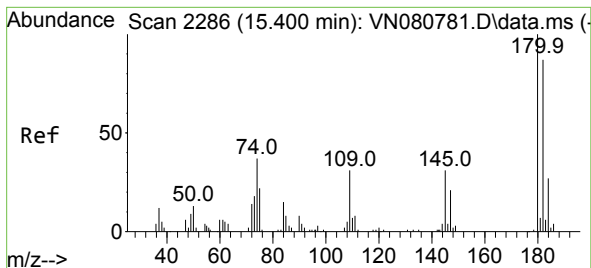
Tgt Ion:146 Resp: 133055
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.8
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.320 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080803.D
Acq: 29 Jan 2024 20:05

Tgt Ion: 75 Resp: 24949
Ion Ratio Lower Upper
75 100
155 60.9 31.8 95.4
157 76.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 45.552 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

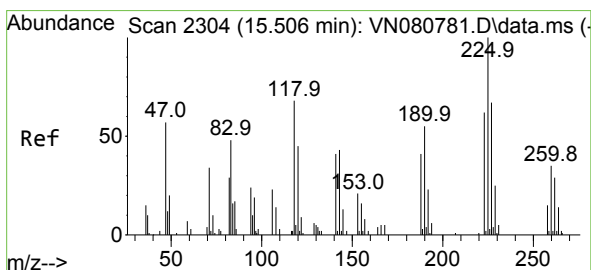
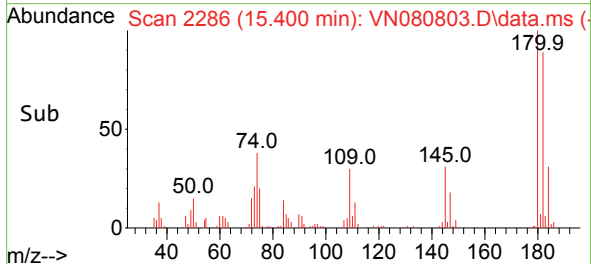
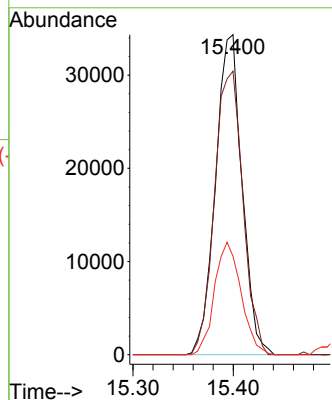
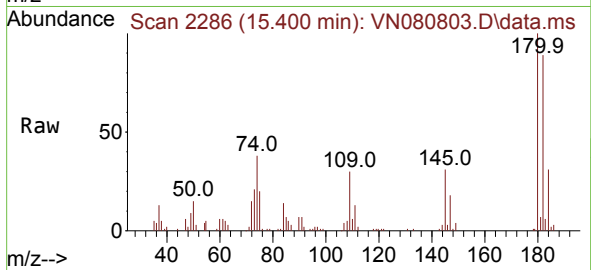
Tgt Ion:180 Resp: 63126

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.7

145 35.2 16.8 50.3



#94

Hexachlorobutadiene

Concen: 42.407 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

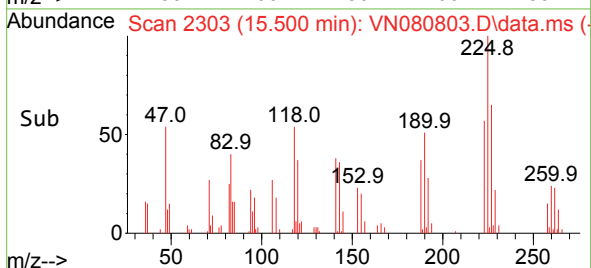
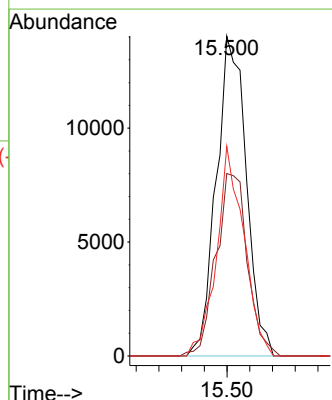
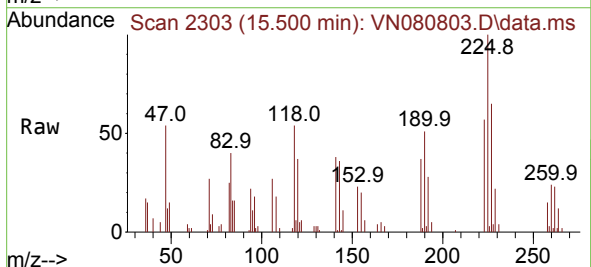
Tgt Ion:225 Resp: 25674

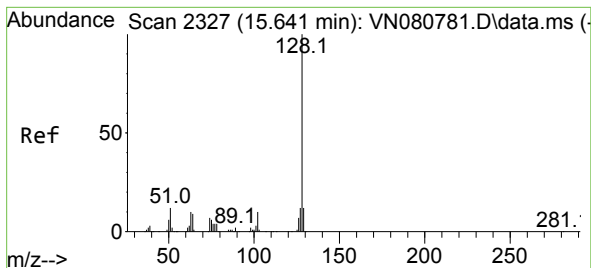
Ion Ratio Lower Upper

225 100

223 59.8 33.3 99.8

227 60.0 33.1 99.2





#95

Naphthalene

Concen: 46.804 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

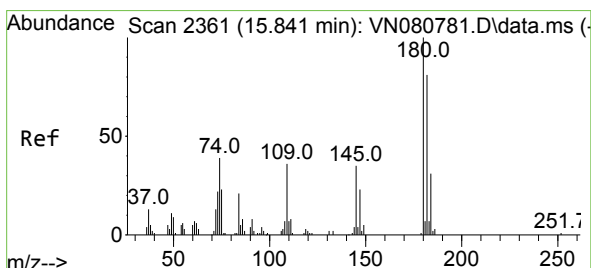
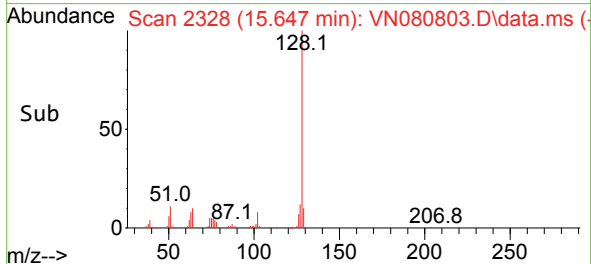
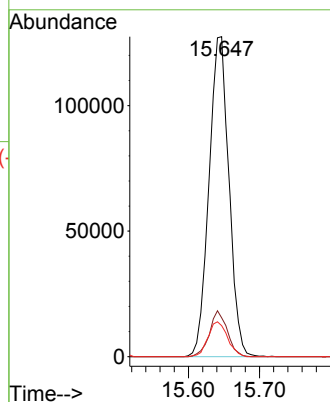
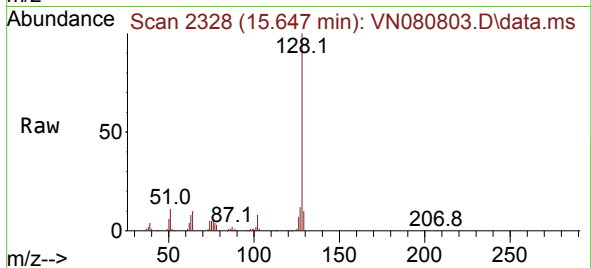
Tgt Ion:128 Resp: 248187

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.038 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080803.D

Acq: 29 Jan 2024 20:05

Tgt Ion:180 Resp: 61348

Ion Ratio Lower Upper

180 100

182 92.0 46.5 139.3

145 37.1 17.8 53.4

