

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078033.D
 Acq On : 02 Jun 2023 16:45
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 05 01:13:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		8.230	168	344915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	610461	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.870	117	554187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.800	152	231053	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.588	65	265705	51.485	ug/l	0.00
Spiked Amount 50.000		Range	74 - 125	Recovery	=	102.980%	
35) Dibromofluoromethane		8.177	113	229254	57.591	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	=	115.180%	
50) Toluene-d8		10.576	98	835501	54.529	ug/l	0.00
Spiked Amount 50.000		Range	86 - 113	Recovery	=	109.060%	
62) 4-Bromofluorobenzene		12.853	95	289006	53.406	ug/l	0.00
Spiked Amount 50.000		Range	83 - 123	Recovery	=	106.820%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.136	85	160206	40.813	ug/l	97
3) Chloromethane		2.371	50	187676	44.912	ug/l	98
4) Vinyl Chloride		2.518	62	255464	51.619	ug/l	97
5) Bromomethane		2.936	94	187086	51.113	ug/l	99
6) Chloroethane		3.112	64	198730	55.719	ug/l	99
7) Trichlorofluoromethane		3.495	101	353032	51.186	ug/l	98
8) Diethyl Ether		3.965	74	131773	52.334	ug/l	80
9) 1,1,2-Trichlorotrifluo...		4.371	101	198859	52.099	ug/l	97
10) Methyl Iodide		4.594	142	264771	58.166	ug/l	98
11) Tert butyl alcohol		5.536	59	210868	296.063	ug/l	98
12) 1,1-Dichloroethene		4.347	96	187284	51.626	ug/l	86
13) Acrolein		4.189	56	124825	285.828	ug/l	96
14) Allyl chloride		5.036	41	257593	48.335	ug/l	94
15) Acrylonitrile		5.730	53	538860	283.187	ug/l	98
16) Acetone		4.442	43	441683	272.029	ug/l	93
17) Carbon Disulfide		4.718	76	417170	42.679	ug/l	97
18) Methyl Acetate		5.036	43	400962	58.865	ug/l	90
19) Methyl tert-butyl Ether		5.806	73	706330	53.791	ug/l	93
20) Methylene Chloride		5.283	84	237048	56.343	ug/l	92
21) trans-1,2-Dichloroethene		5.794	96	210054	51.547	ug/l	88
22) Diisopropyl ether		6.683	45	676422	54.150	ug/l #	95
23) Vinyl Acetate		6.612	43	2065144	266.831	ug/l #	90
24) 1,1-Dichloroethane		6.577	63	416207	54.386	ug/l	97
25) 2-Butanone		7.494	43	694546	273.455	ug/l	90
26) 2,2-Dichloropropane		7.500	77	356969	54.904	ug/l	99
27) cis-1,2-Dichloroethene		7.494	96	269036	55.061	ug/l	93
28) Bromochloromethane		7.824	49	170396	51.484	ug/l	91
29) Tetrahydrofuran		7.847	42	451145	271.267	ug/l	85
30) Chloroform		7.977	83	464544	55.182	ug/l	95
31) Cyclohexane		8.265	56	318799	45.450	ug/l	93
32) 1,1,1-Trichloroethane		8.177	97	396995	55.467	ug/l	95
36) 1,1-Dichloropropene		8.377	75	321854	55.278	ug/l	98
37) Ethyl Acetate		7.571	43	288839	55.657	ug/l #	93
38) Carbon Tetrachloride		8.371	117	351176	59.729	ug/l	99
39) Methylcyclohexane		9.606	83	317723	44.573	ug/l	92
40) Benzene		8.612	78	973805	56.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	146956	53.172	ug/l	92
42) 1,2-Dichloroethane	8.682	62	350483	56.154	ug/l	97
43) Isopropyl Acetate	8.694	43	562355	66.341	ug/l #	89
44) Trichloroethene	9.359	130	252168	57.962	ug/l	97
45) 1,2-Dichloropropane	9.629	63	253128	57.757	ug/l	95
46) Dibromomethane	9.718	93	182190	58.095	ug/l	95
47) Bromodichloromethane	9.894	83	369222	61.496	ug/l	98
48) Methyl methacrylate	9.688	41	229866	57.195	ug/l	89
49) 1,4-Dioxane	9.706	88	105553	1390.549	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1524636	302.588	ug/l	93
52) Toluene	10.635	92	633838	59.256	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	389328	61.234	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	413464	59.011	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	257346	60.592	ug/l	95
56) Ethyl methacrylate	10.882	69	391703	60.996	ug/l	92
57) 1,3-Dichloropropane	11.171	76	433575	59.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	735057	232.669	ug/l	92
59) 2-Hexanone	11.200	43	1096617	294.245	ug/l	93
60) Dibromochloromethane	11.365	129	278357	63.486	ug/l	99
61) 1,2-Dibromoethane	11.476	107	259637	61.277	ug/l	99
64) Tetrachloroethene	11.112	164	202744	52.313	ug/l	99
65) Chlorobenzene	11.900	112	689526	57.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.970	131	260372	62.634	ug/l	97
67) Ethyl Benzene	11.970	91	1218561	56.599	ug/l	98
68) m/p-Xylenes	12.076	106	931788	114.219	ug/l	98
69) o-Xylene	12.406	106	459964	57.332	ug/l	96
70) Styrene	12.418	104	751883	58.995	ug/l	98
71) Bromoform	12.588	173	183855	66.484	ug/l #	98
73) Isopropylbenzene	12.700	105	1164520	58.469	ug/l	99
74) N-amyl acetate	12.500	43	400718	54.432	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	374437	61.111	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	455081	78.647	ug/l	71
77) Bromobenzene	12.988	156	262309	57.712	ug/l	96
78) n-propylbenzene	13.041	91	1338437	57.002	ug/l	99
79) 2-Chlorotoluene	13.129	91	816339	58.263	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	967743	57.812	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	106973	59.094	ug/l #	82
82) 4-Chlorotoluene	13.229	91	778542	55.846	ug/l	97
83) tert-Butylbenzene	13.447	119	802195	54.895	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	954312	57.968	ug/l	99
85) sec-Butylbenzene	13.623	105	1073380	51.684	ug/l	99
86) p-Isopropyltoluene	13.735	119	871902	52.661	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	470216	55.941	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	453454	54.364	ug/l	99
89) n-Butylbenzene	14.064	91	695564	45.674	ug/l	97
90) Hexachloroethane	14.341	117	158369	58.225	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	462278	58.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60665	51.141	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	180603	39.357	ug/l	98
94) Hexachlorobutadiene	15.506	225	77465	40.658	ug/l	97
95) Naphthalene	15.647	128	595487	37.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	188602	41.978	ug/l	99

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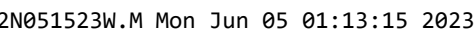
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

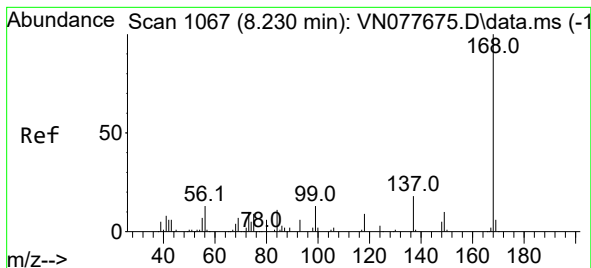
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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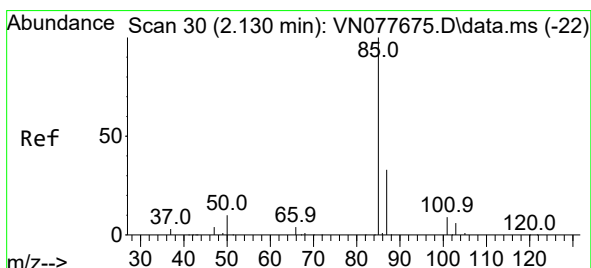
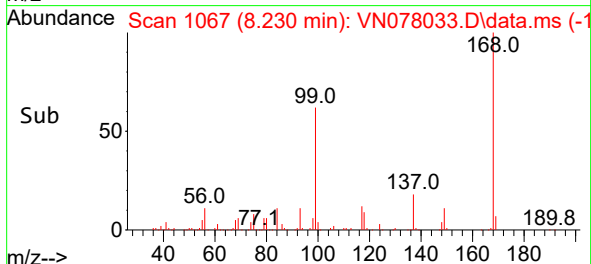
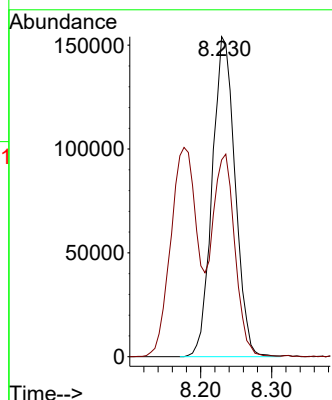
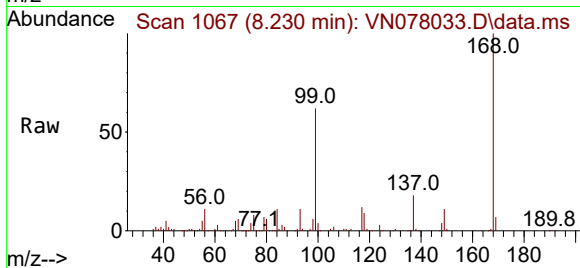
VSTDCCC050EC

Tgt Ion:168 Resp: 344915

Ion Ratio Lower Upper

168 100

99 61.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 40.813 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN078033.D

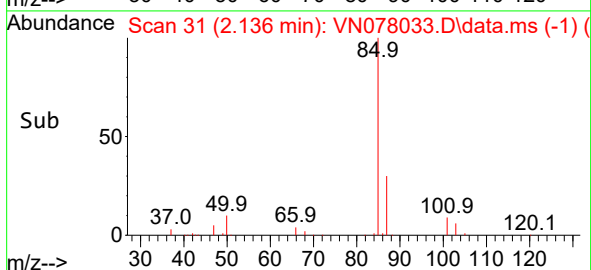
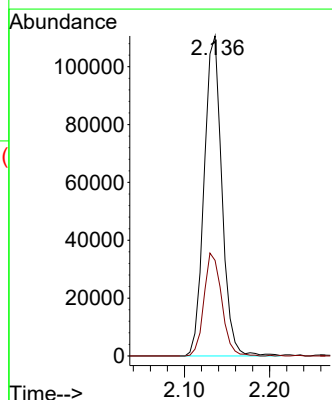
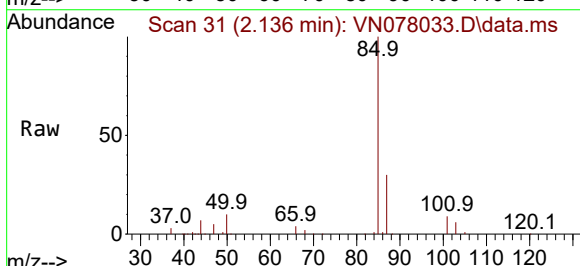
Acq: 02 Jun 2023 16:45

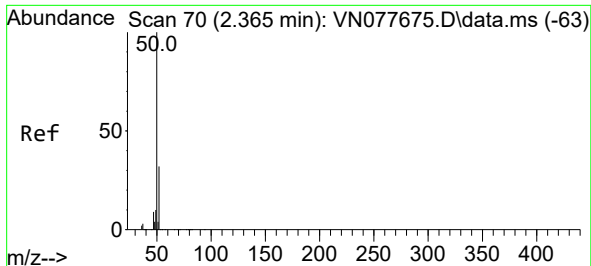
Tgt Ion: 85 Resp: 160206

Ion Ratio Lower Upper

85 100

87 29.9 15.8 47.4

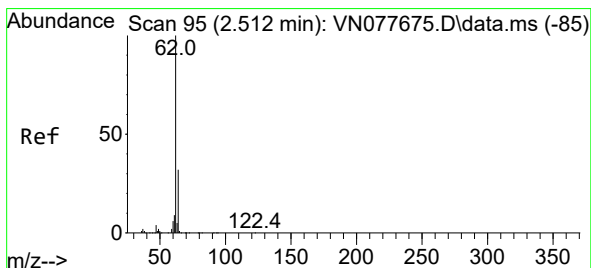
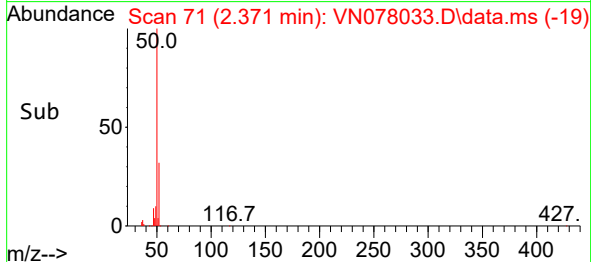
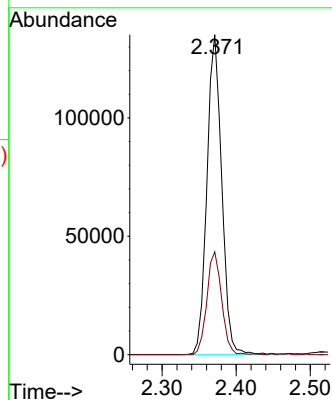
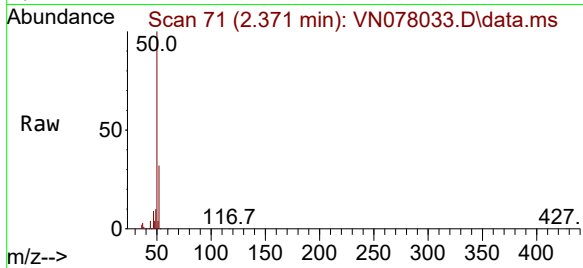




#3
Chloromethane
Concen: 44.912 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078033.D
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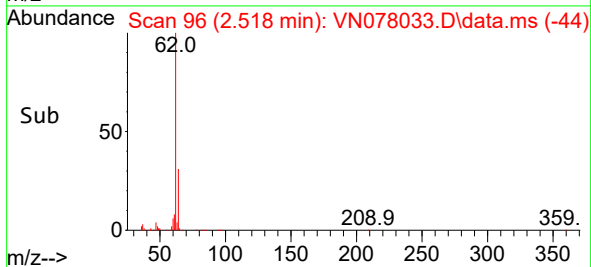
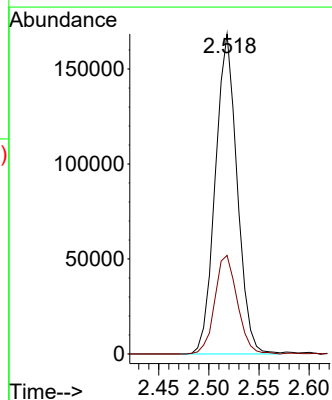
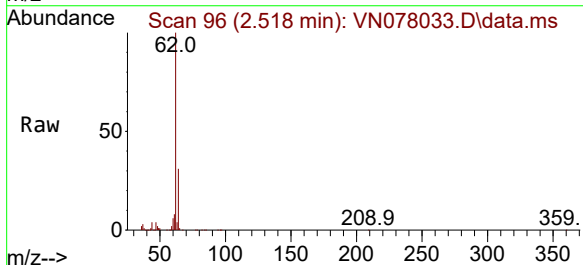
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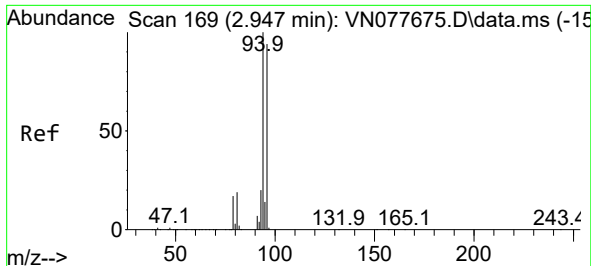
Tgt Ion: 50 Resp: 187676
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7



#4
Vinyl Chloride
Concen: 51.619 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 62 Resp: 255464
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2

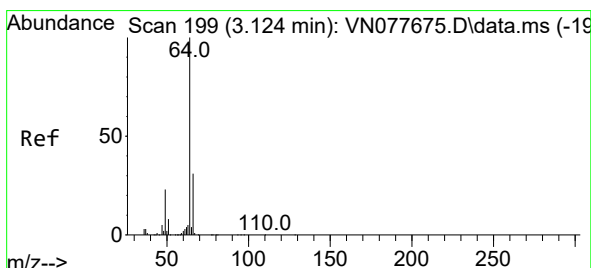
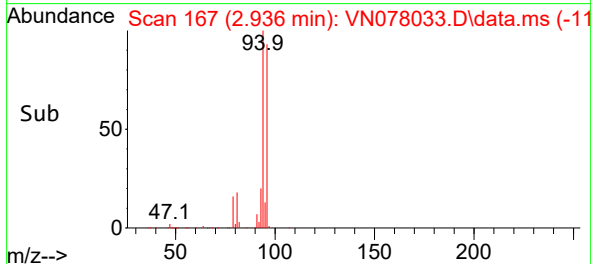
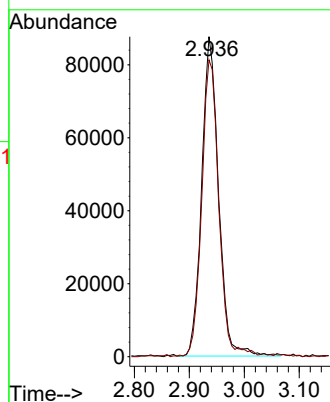
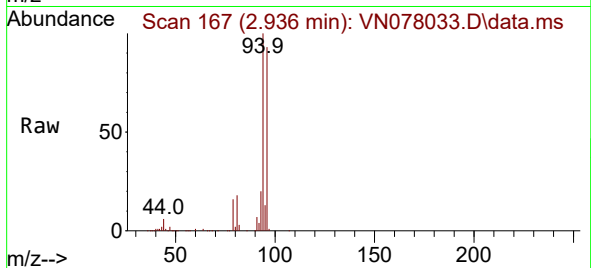




#5
Bromomethane
Concen: 51.113 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN078033.D
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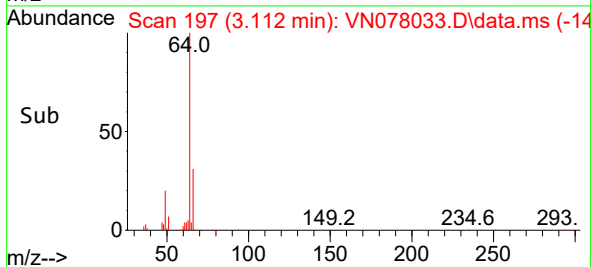
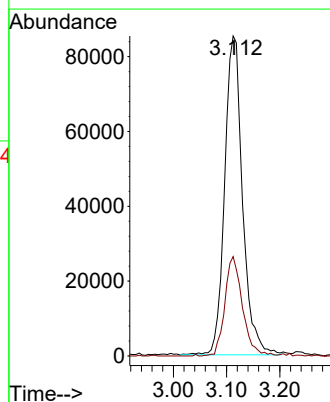
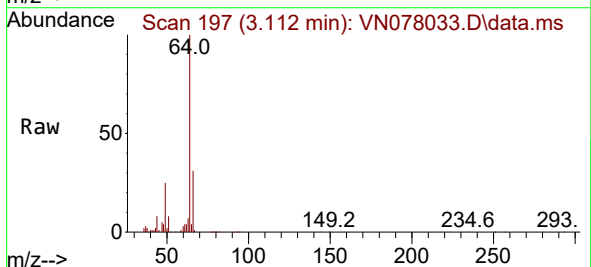
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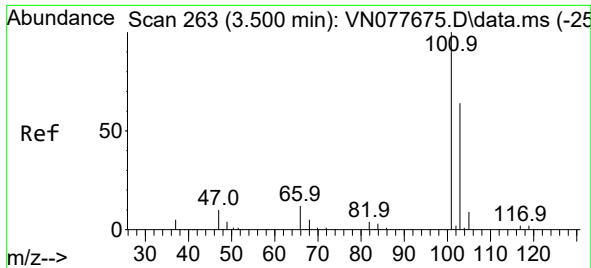
Tgt Ion: 94 Resp: 187086
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7



#6
Chloroethane
Concen: 55.719 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 64 Resp: 198730
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

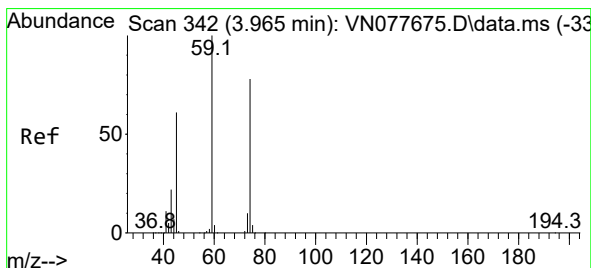
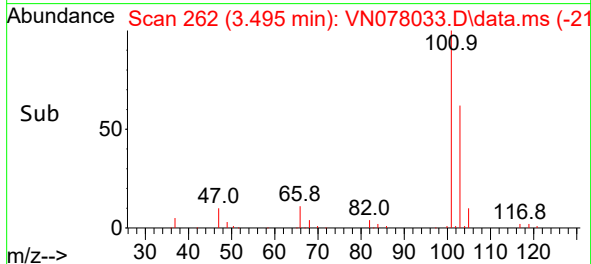
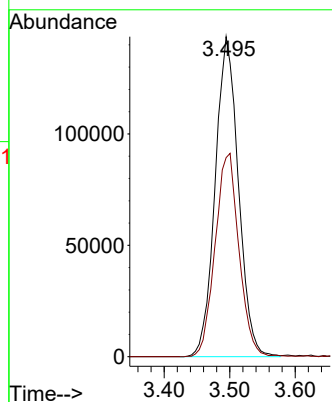
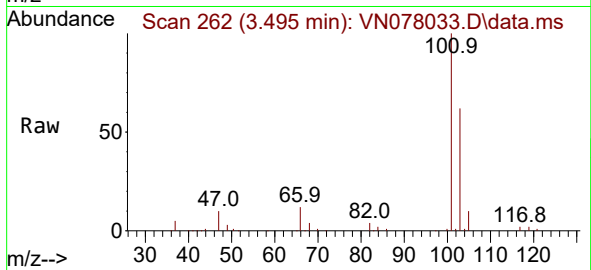




#7
 Trichlorofluoromethane
 Concen: 51.186 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.005 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

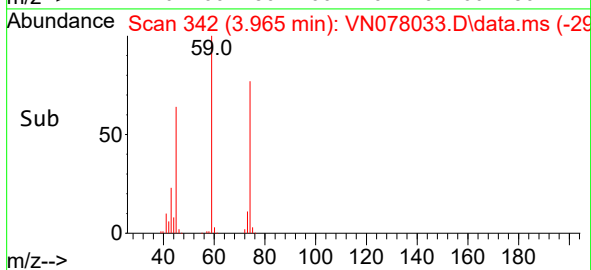
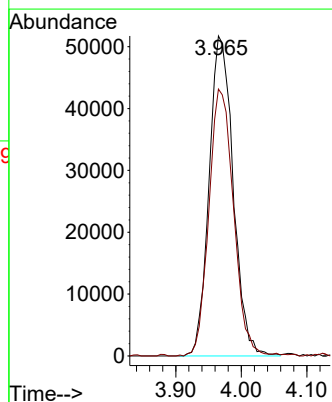
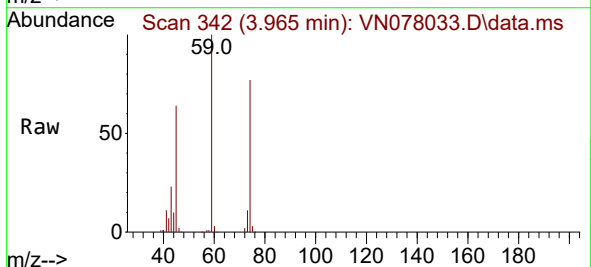
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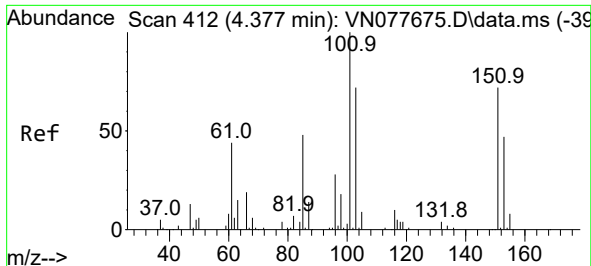
Tgt Ion:101 Resp: 353032
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.334 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 131773
 Ion Ratio Lower Upper
 74 100
 45 85.5 34.4 103.3

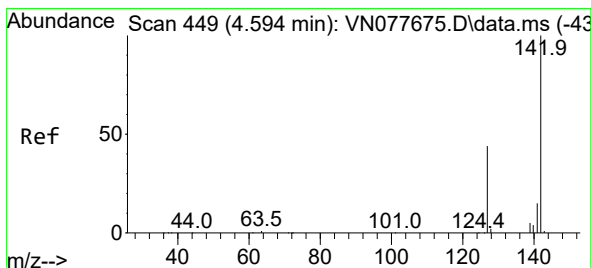
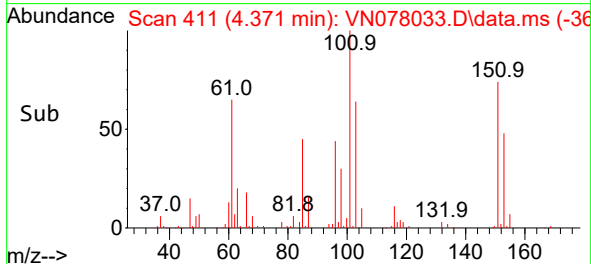
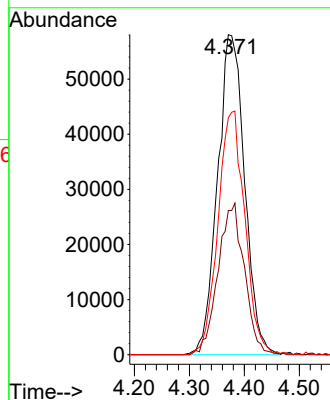
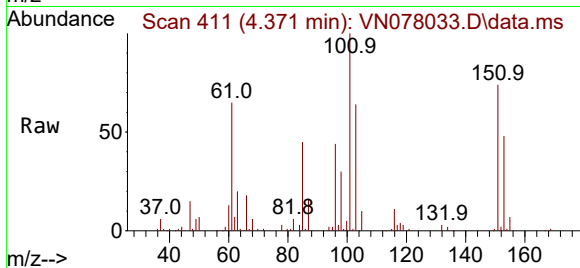




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.099 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

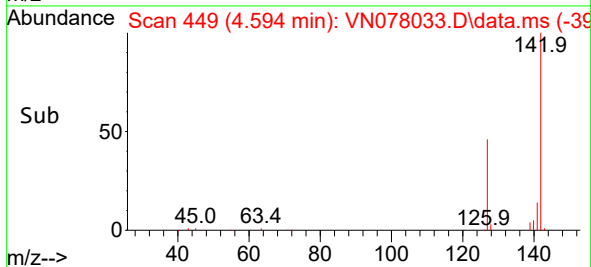
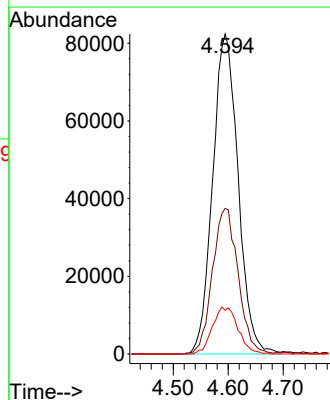
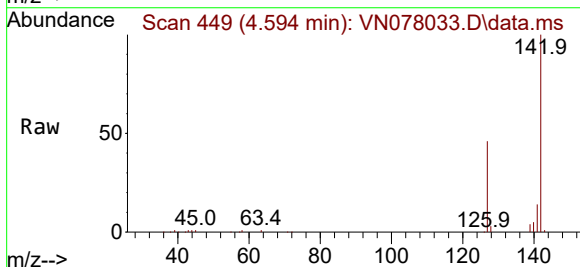
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

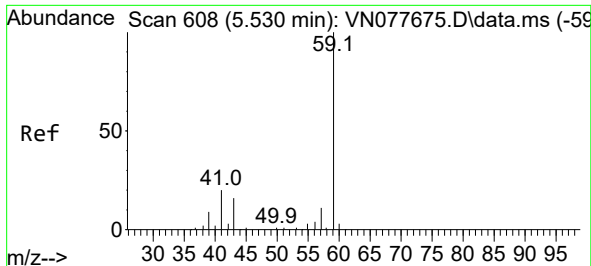
Tgt Ion:101 Resp: 198859
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 75.6 57.6 86.4



#10
Methyl Iodide
Concen: 58.166 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:142 Resp: 264771
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 13.7 11.4 17.0

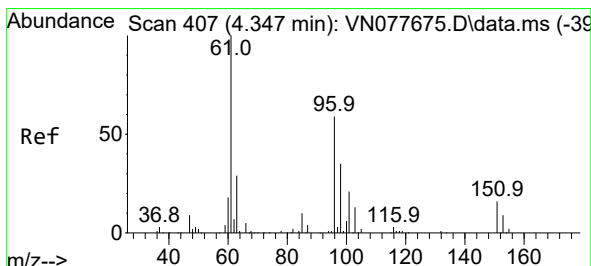
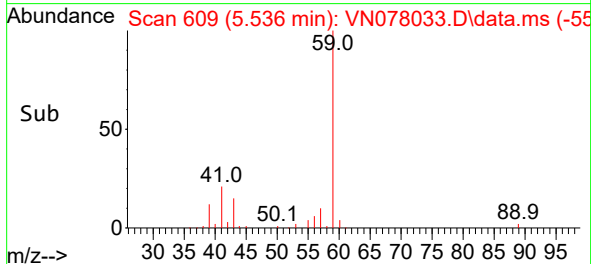
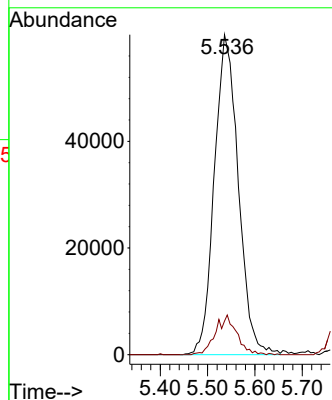
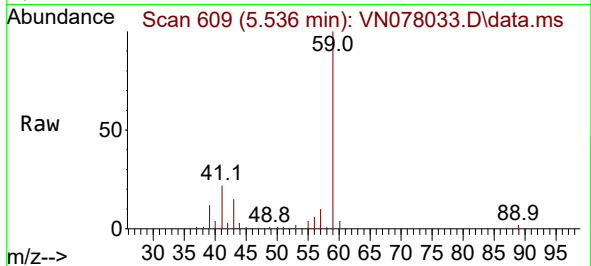




#11
Tert butyl alcohol
Concen: 296.063 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

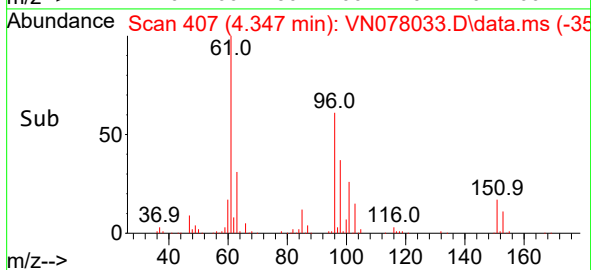
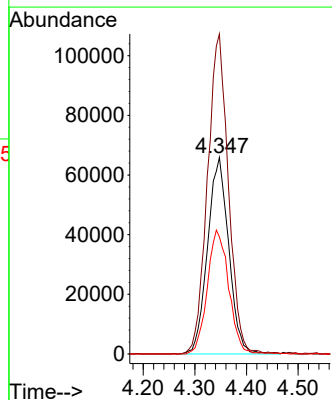
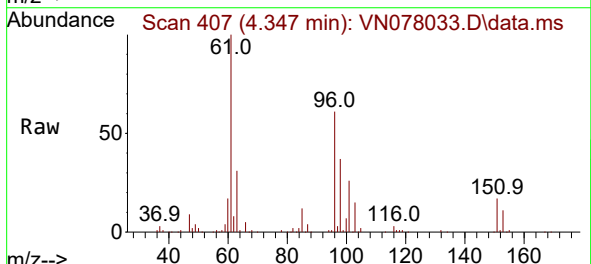
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

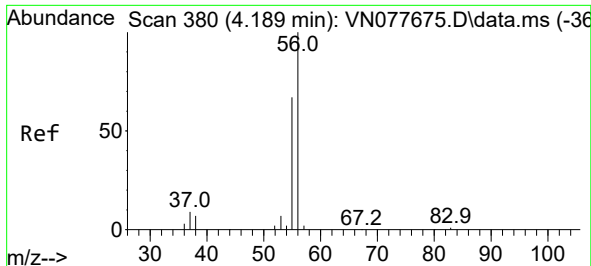
Tgt Ion: 59 Resp: 210868
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.626 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 96 Resp: 187284
Ion Ratio Lower Upper
96 100
61 162.8 112.7 169.1
98 59.6 51.2 76.8

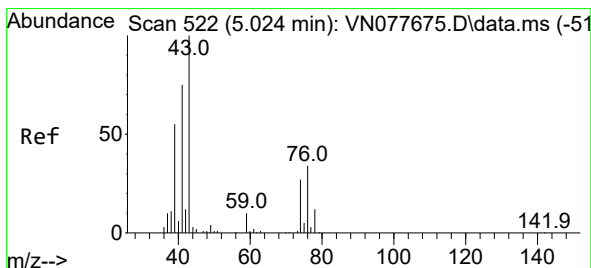
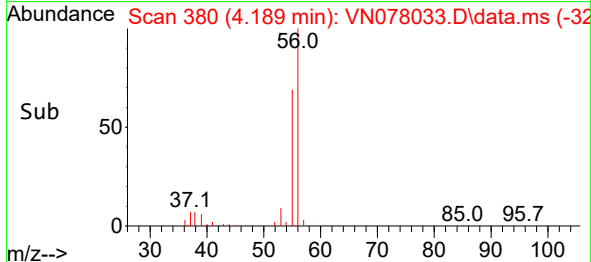
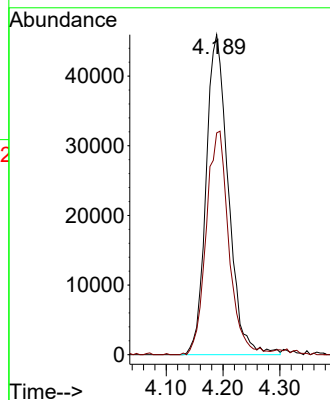
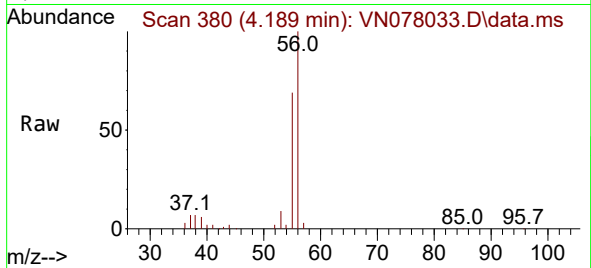




#13
Acrolein
Concen: 285.828 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

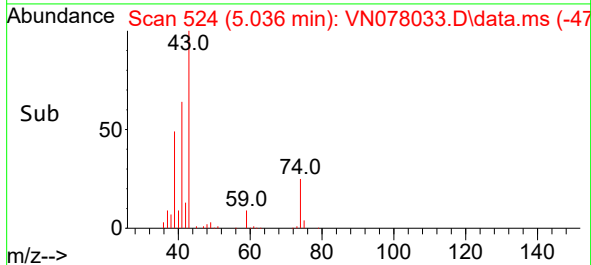
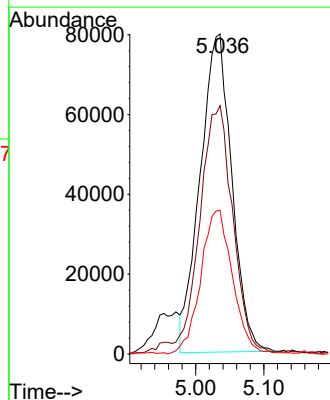
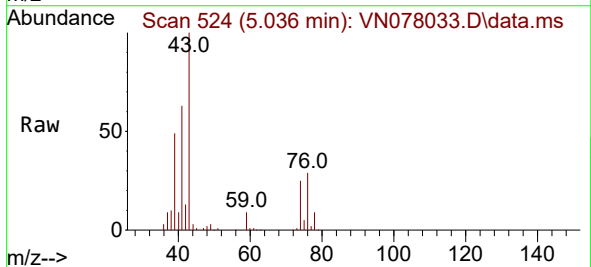
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

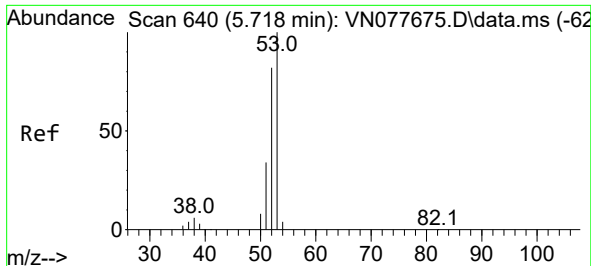
Tgt Ion: 56 Resp: 124825
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7



#14
Allyl chloride
Concen: 48.335 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 41 Resp: 257593
Ion Ratio Lower Upper
41 100
39 79.7 58.8 88.2
76 45.5 39.1 58.7

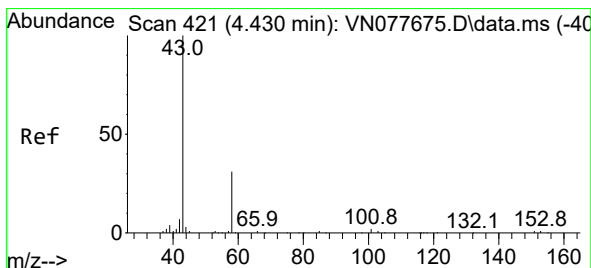
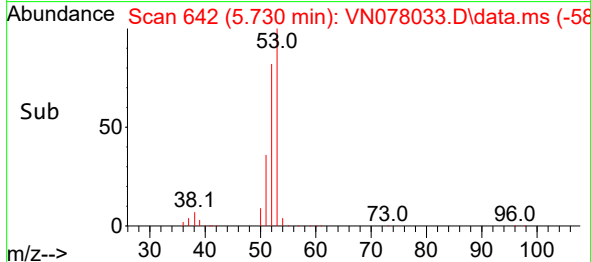
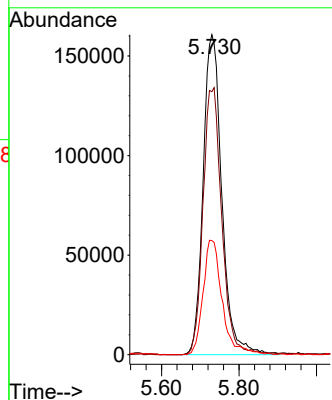
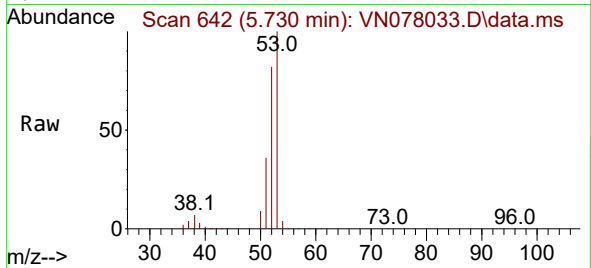




#15
Acrylonitrile
Concen: 283.187 ug/l
RT: 5.730 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

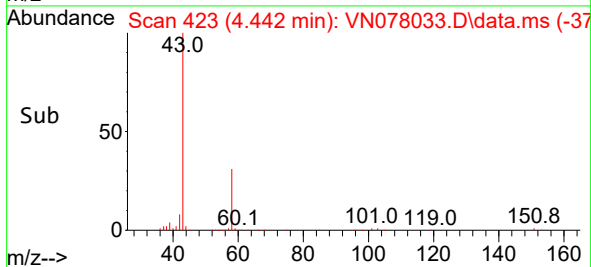
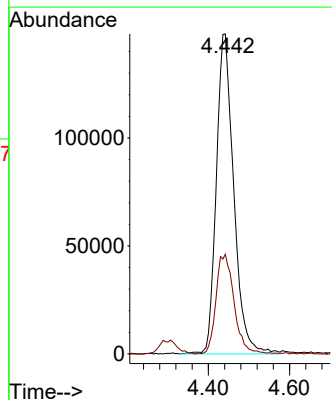
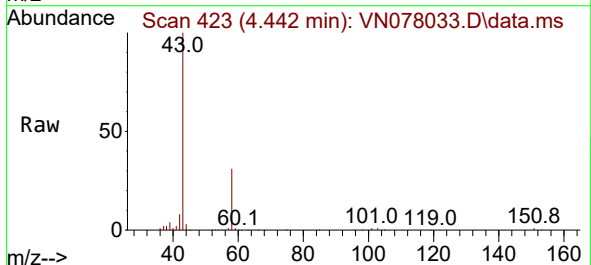
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

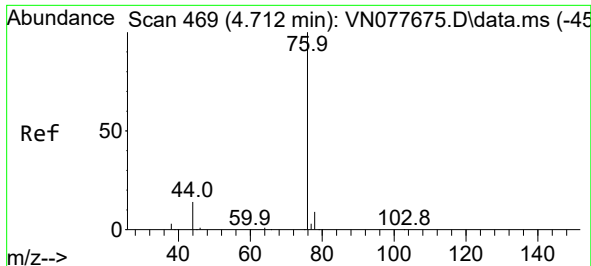
Tgt Ion: 53 Resp: 538860
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 272.029 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 43 Resp: 441683
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

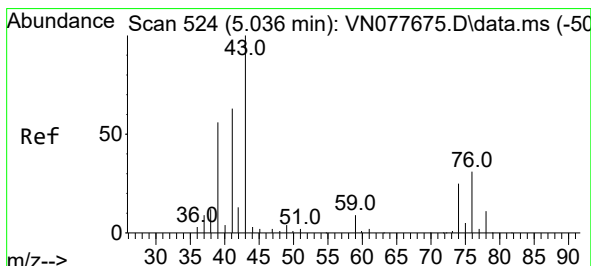
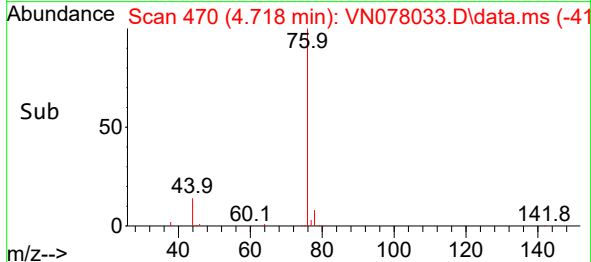
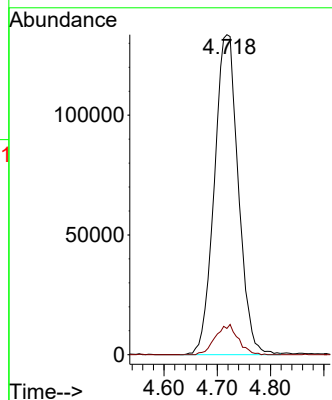
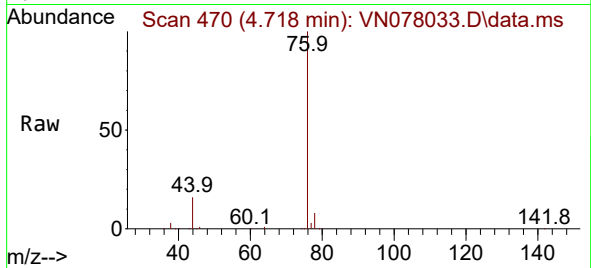




#17
Carbon Disulfide
Concen: 42.679 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

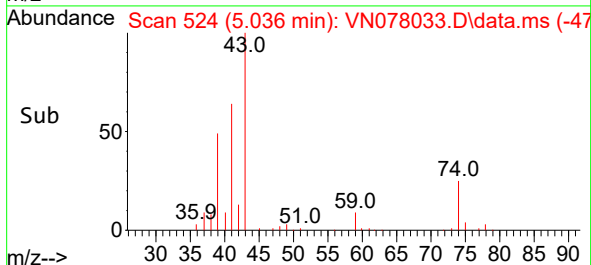
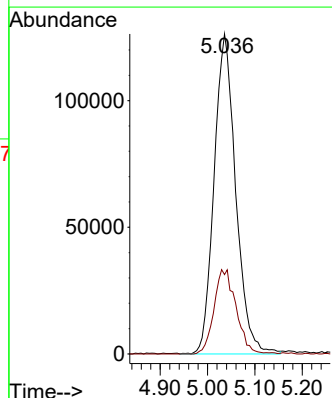
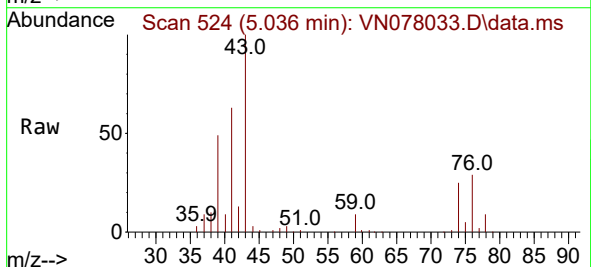
Instrument :
MSVOA_N
ClientSampleId :
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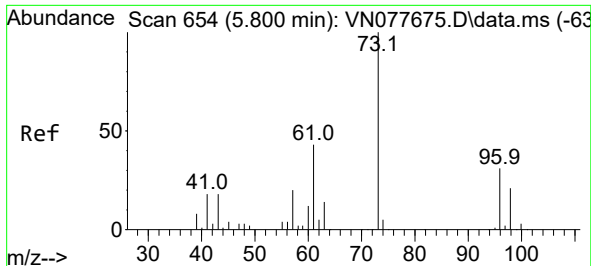
Tgt Ion: 76 Resp: 417170
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 58.865 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 43 Resp: 400962
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

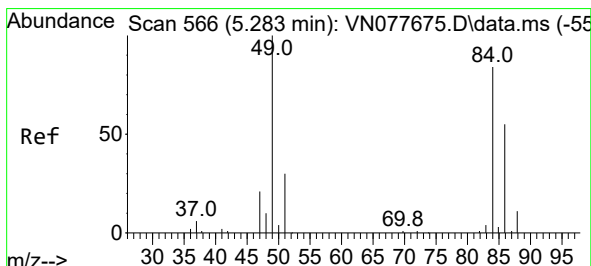
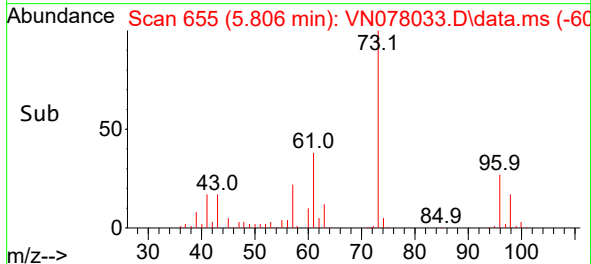
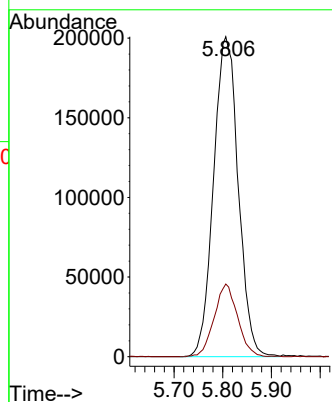
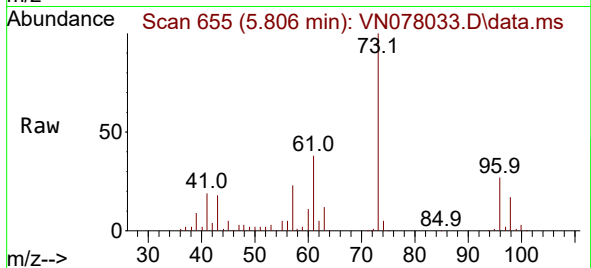




#19
Methyl tert-butyl Ether
Concen: 53.791 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

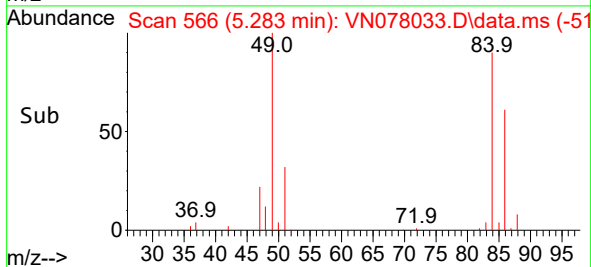
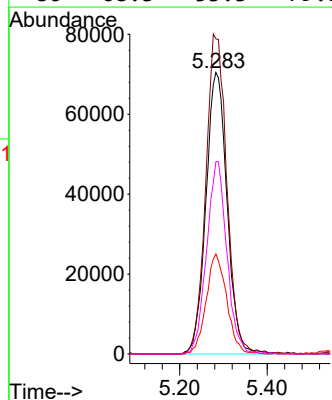
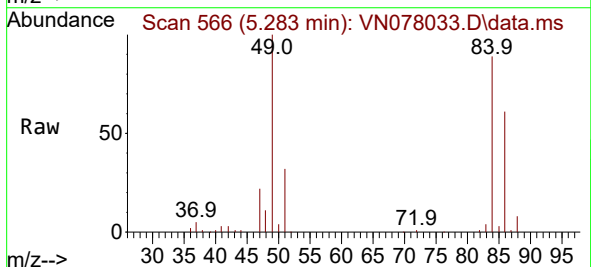
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

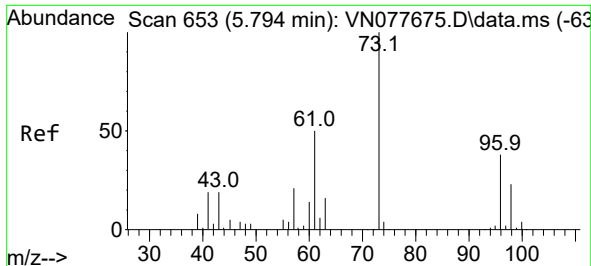
Tgt Ion: 73 Resp: 706330
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4



#20
Methylene Chloride
Concen: 56.343 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 84 Resp: 237048
Ion Ratio Lower Upper
84 100
49 111.9 79.7 119.5
51 35.5 25.2 37.8
86 68.3 53.3 79.9

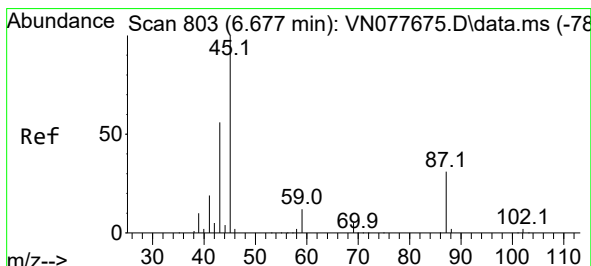
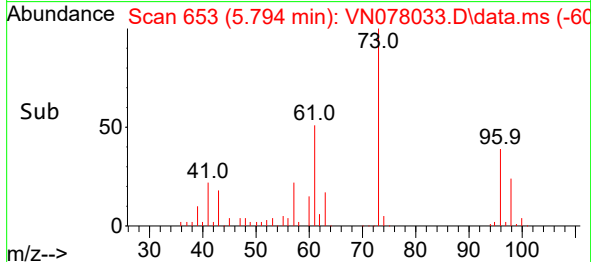
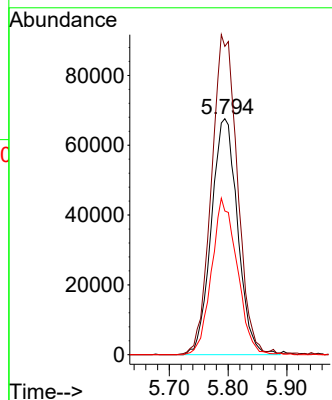
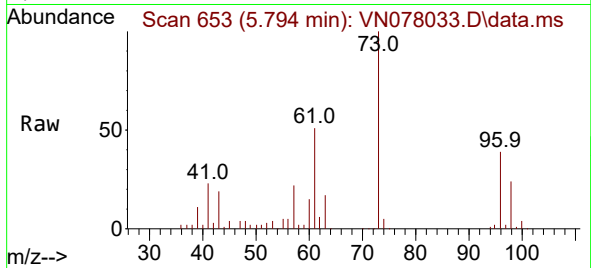




#21
trans-1,2-Dichloroethene
Concen: 51.547 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

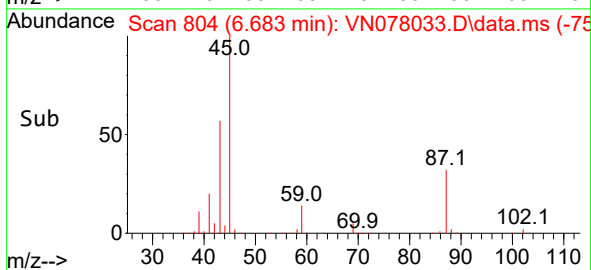
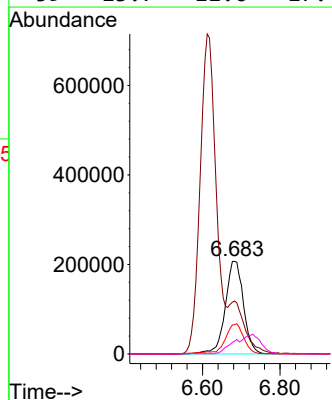
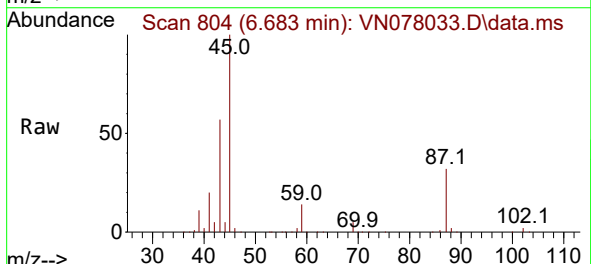
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

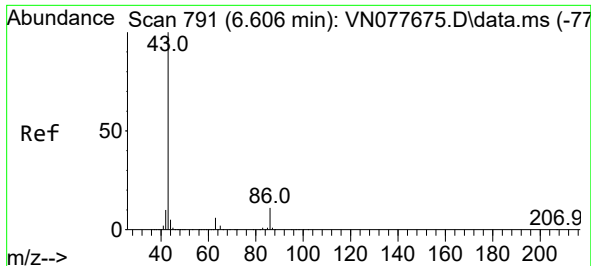
Tgt Ion: 96 Resp: 210054
Ion Ratio Lower Upper
96 100
61 130.4 90.1 135.1
98 60.9 46.4 69.6



#22
Diisopropyl ether
Concen: 54.150 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 45 Resp: 676422
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 31.6 31.8 47.8#
59 13.7 11.6 17.4

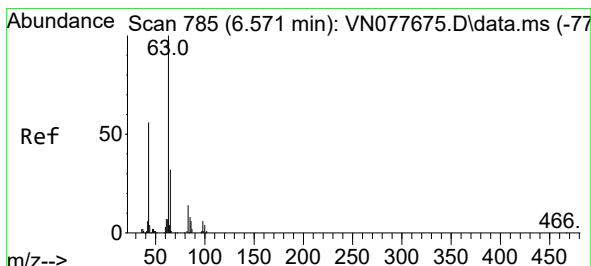
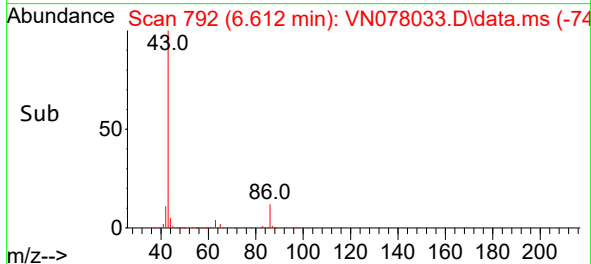
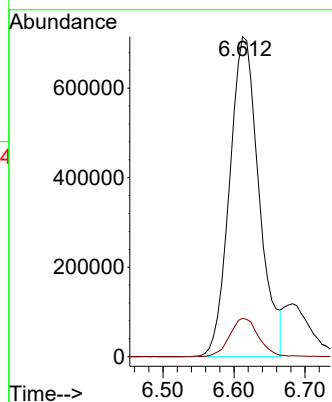
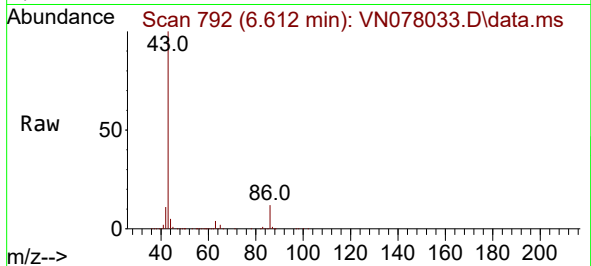




#23
 Vinyl Acetate
 Concen: 266.831 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

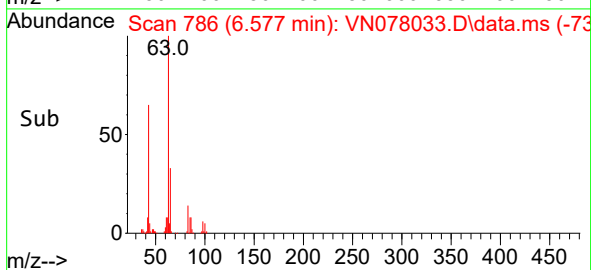
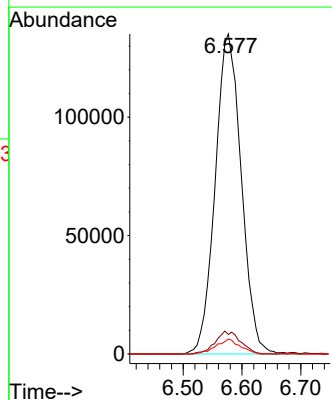
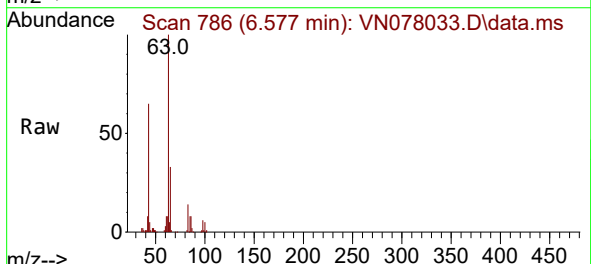
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

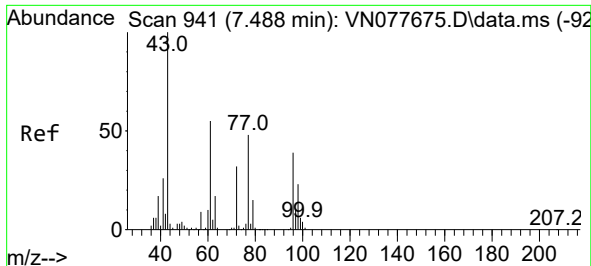
Tgt Ion: 43 Resp: 2065144
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.386 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

Tgt Ion: 63 Resp: 416207
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.6 2.5 7.4

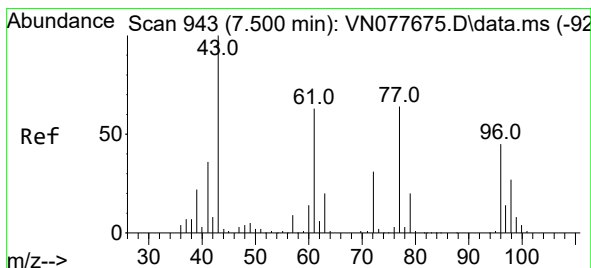
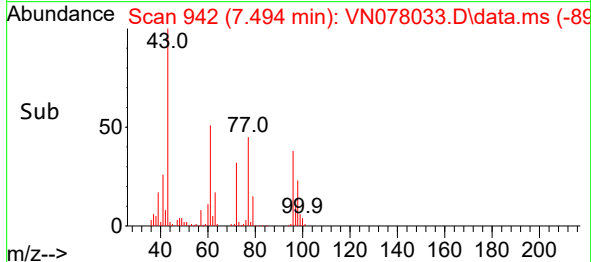
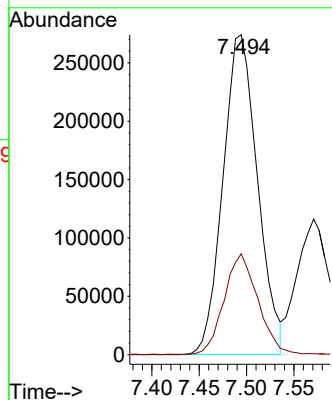
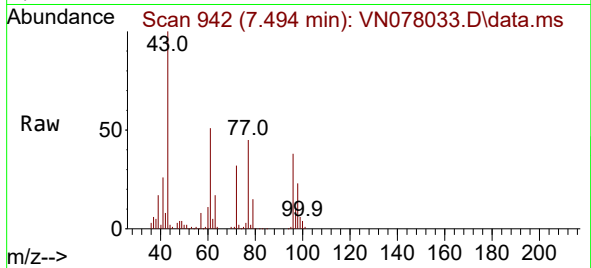




#25
2-Butanone
Concen: 273.455 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

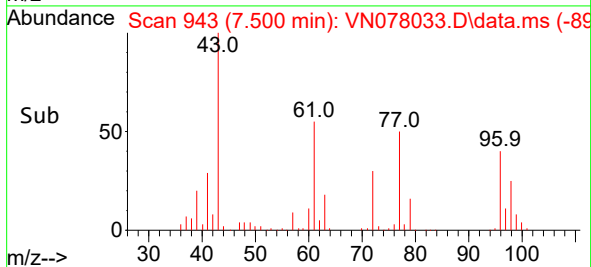
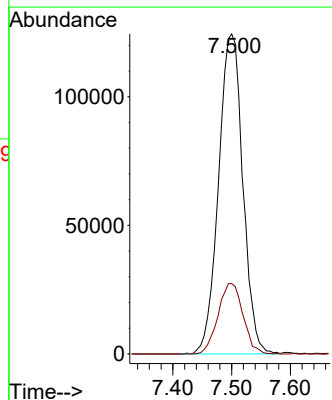
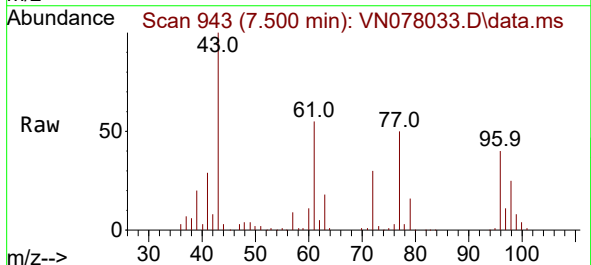
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

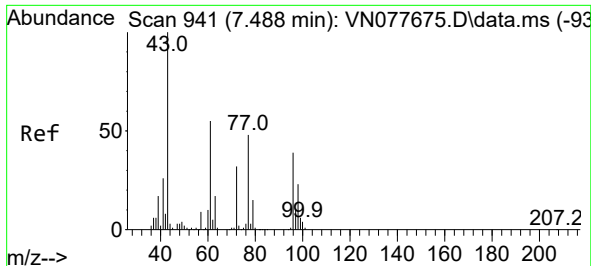
Tgt Ion: 43 Resp: 694546
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 54.904 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 77 Resp: 356969
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6

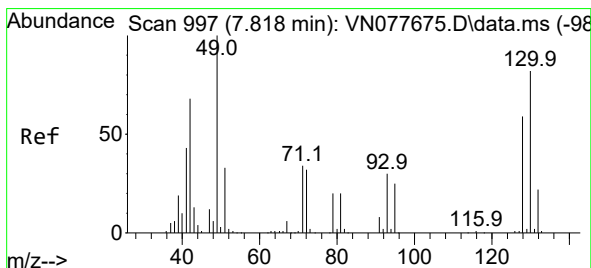
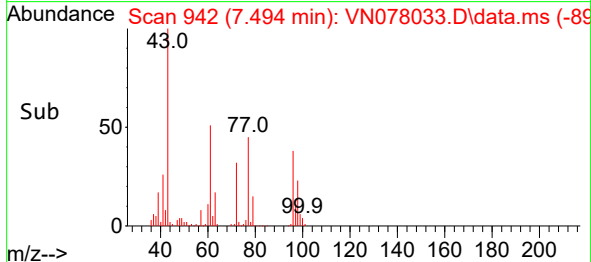
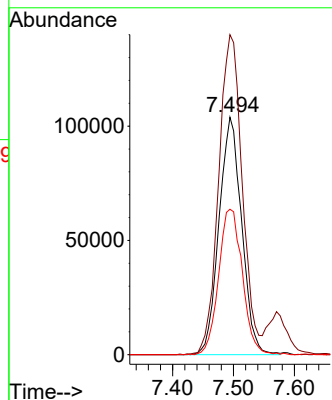
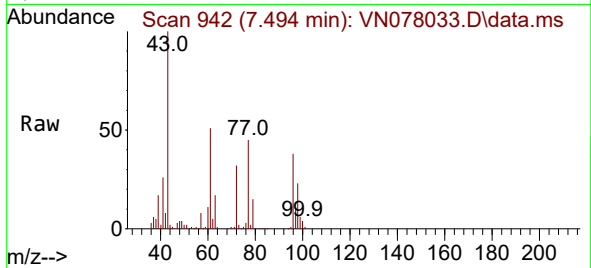




#27
 cis-1,2-Dichloroethene
 Concen: 55.061 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

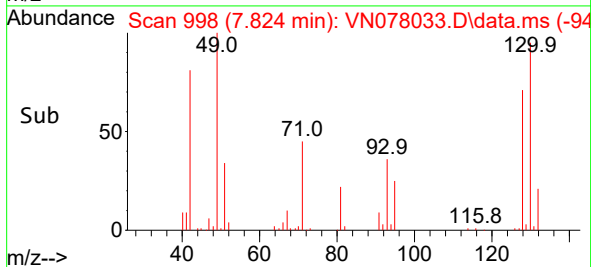
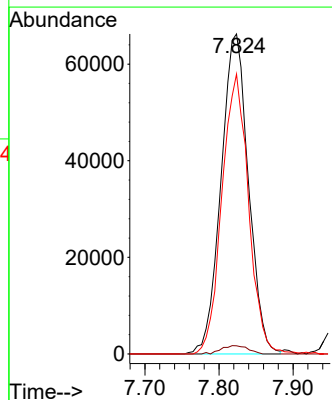
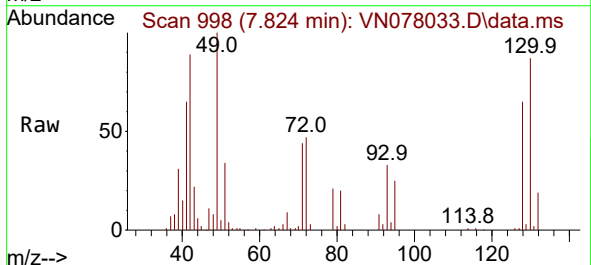
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

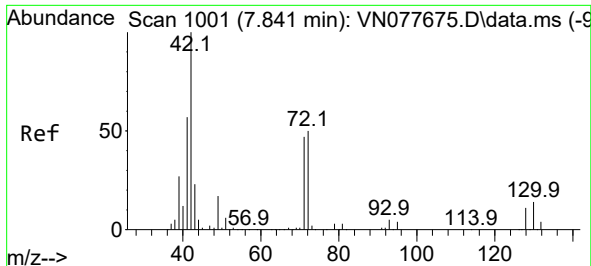
Tgt Ion: 96 Resp: 269036
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 255.2
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.484 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

Tgt Ion: 49 Resp: 170396
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 84.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 271.267 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

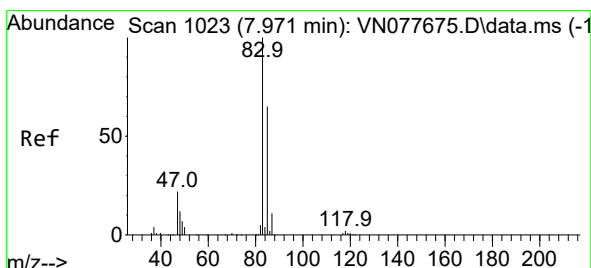
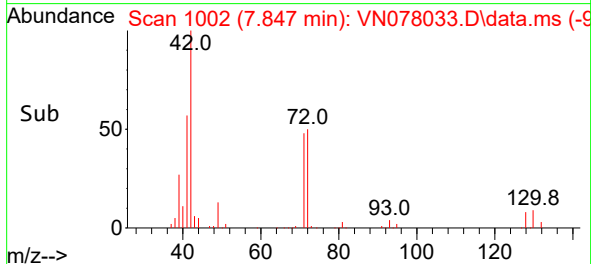
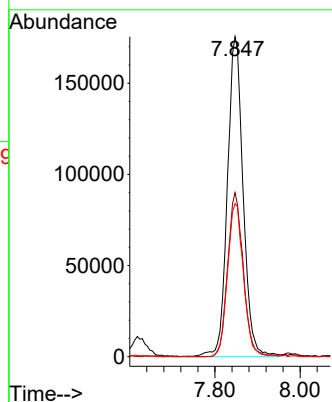
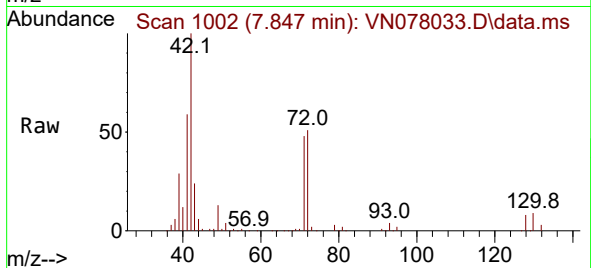
Tgt Ion: 42 Resp: 451145

Ion Ratio Lower Upper

42 100

72 50.8 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 55.182 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078033.D

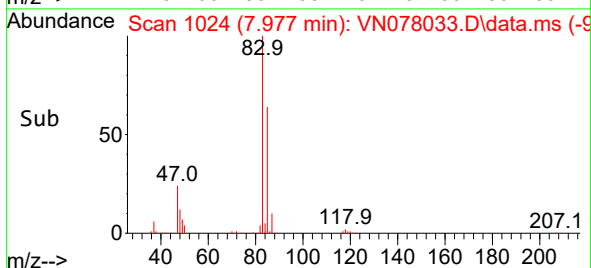
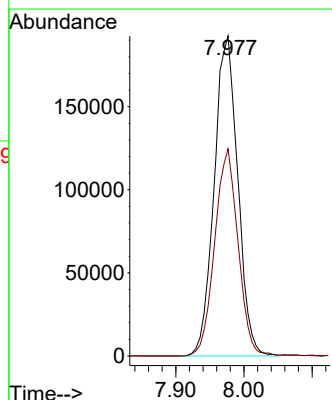
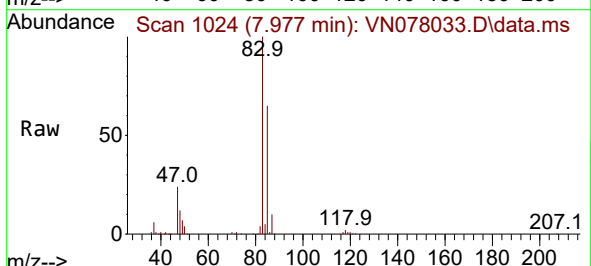
Acq: 02 Jun 2023 16:45

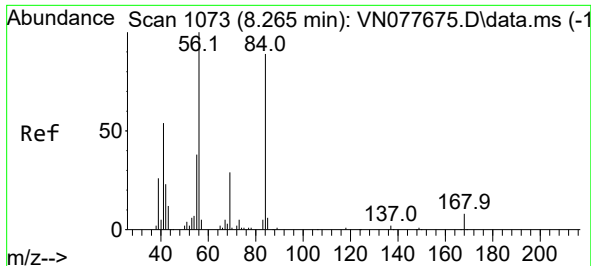
Tgt Ion: 83 Resp: 464544

Ion Ratio Lower Upper

83 100

85 64.7 55.4 83.0

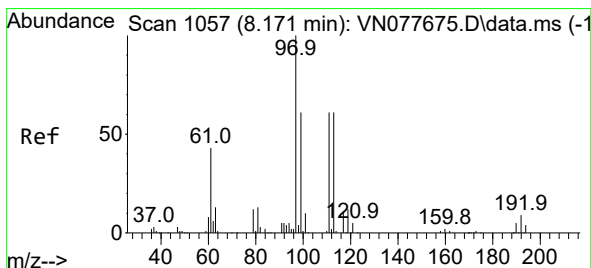
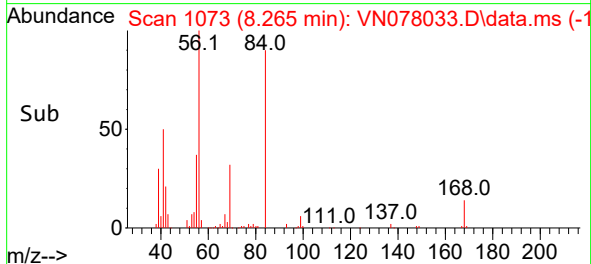
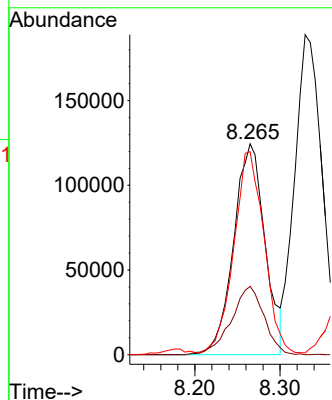
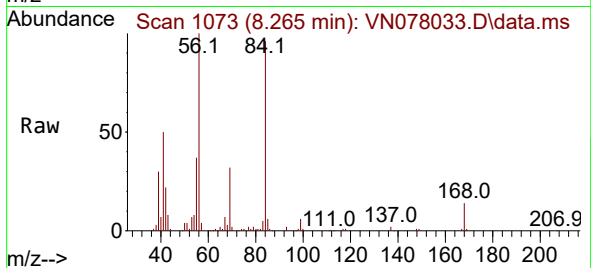




#31
Cyclohexane
Concen: 45.450 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

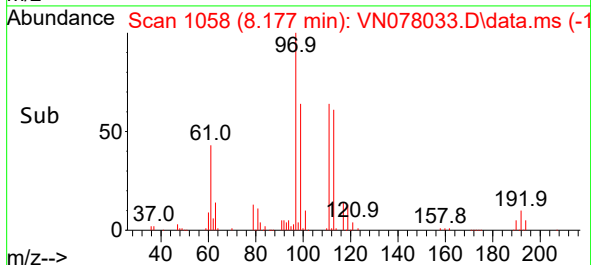
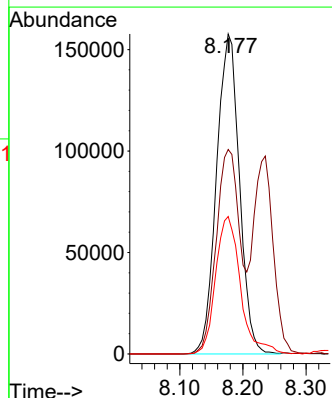
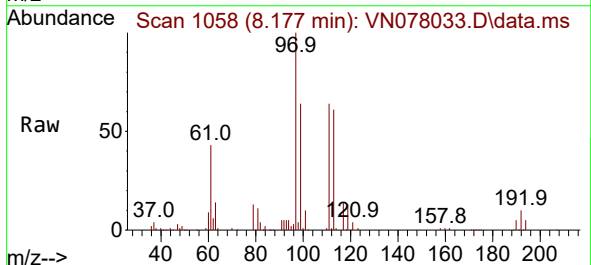
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

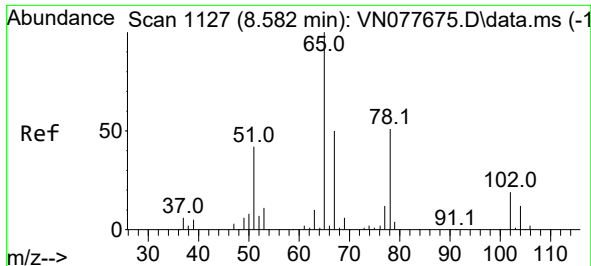
Tgt Ion: 56 Resp: 318799
Ion Ratio Lower Upper
56 100
69 32.4 26.8 40.2
84 93.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 55.467 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 97 Resp: 396995
Ion Ratio Lower Upper
97 100
99 66.5 50.3 75.5
61 46.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.485 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

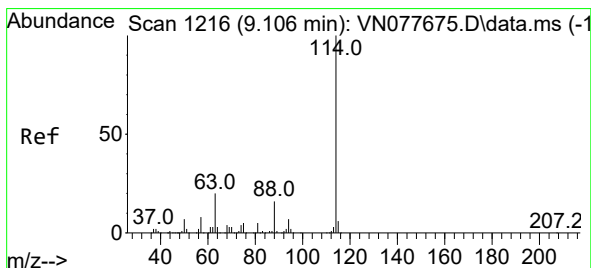
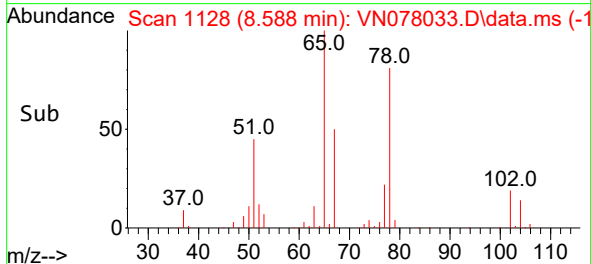
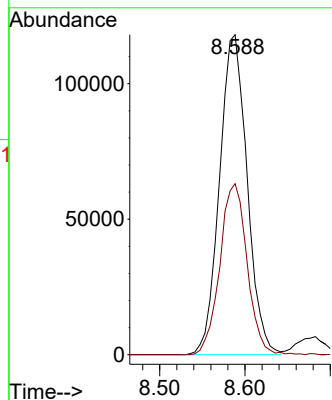
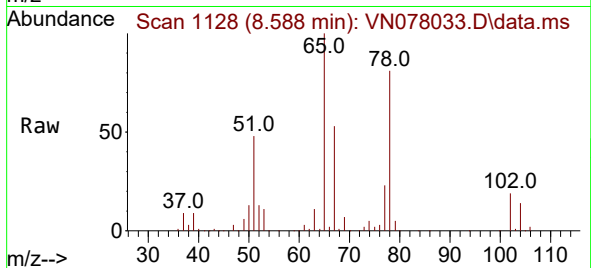
VSTDCCC050EC

Tgt Ion: 65 Resp: 265705

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

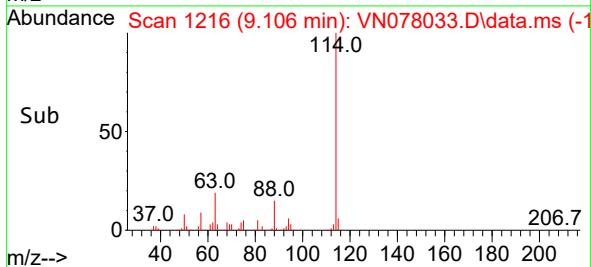
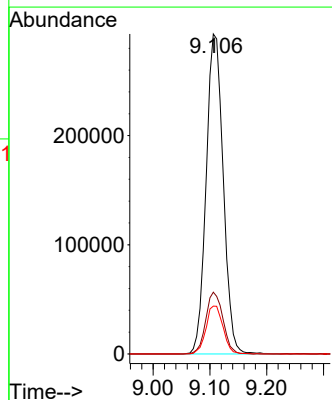
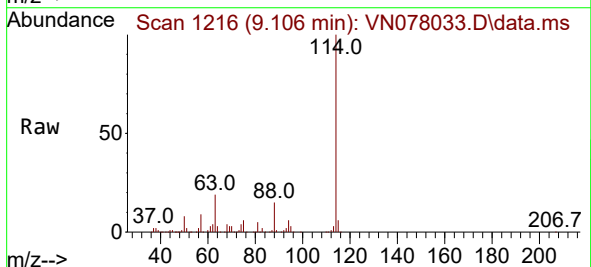
Tgt Ion: 114 Resp: 610461

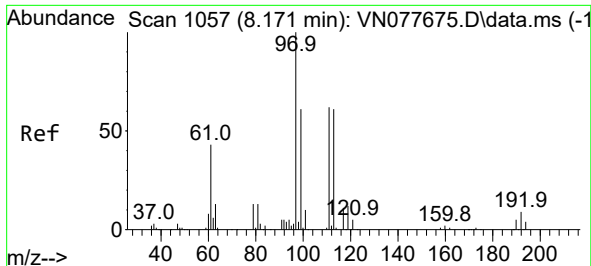
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.9 0.0 30.6

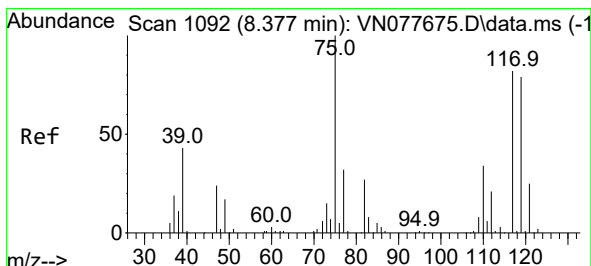
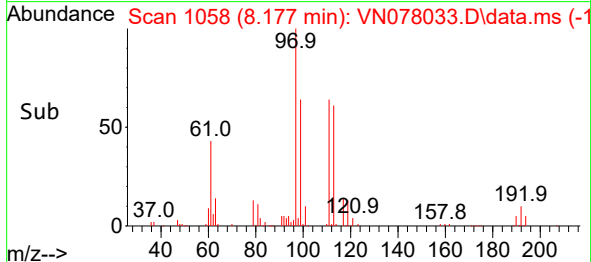
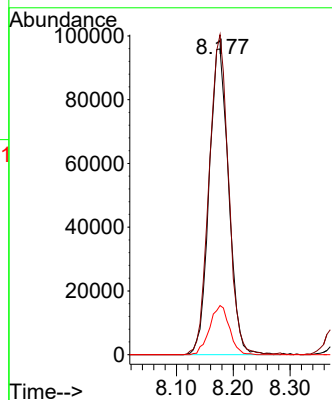
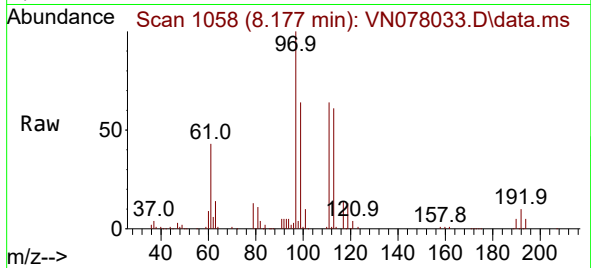




#35
Dibromofluoromethane
Concen: 57.591 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

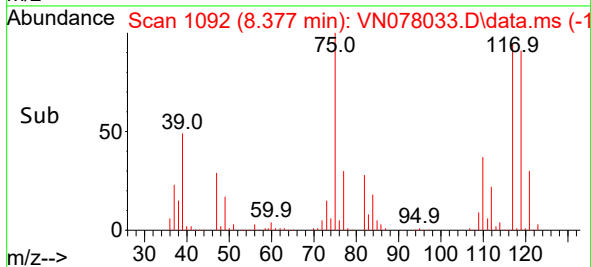
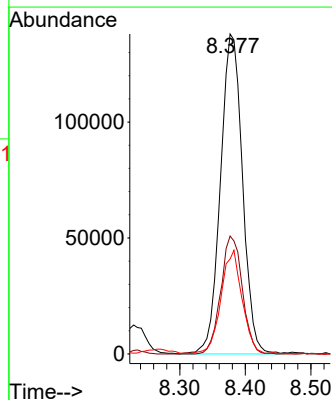
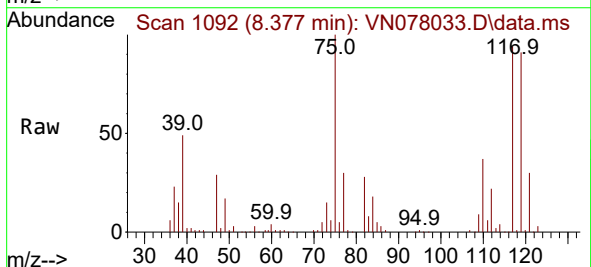
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

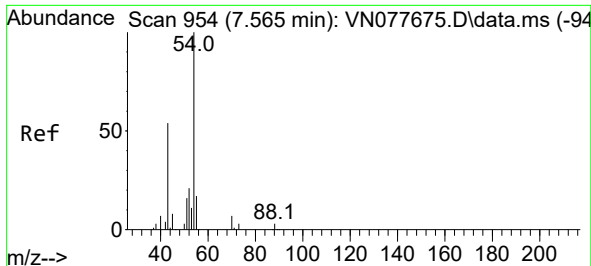
Tgt Ion:113 Resp: 229254
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.278 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 75 Resp: 321854
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.8 25.0 37.4

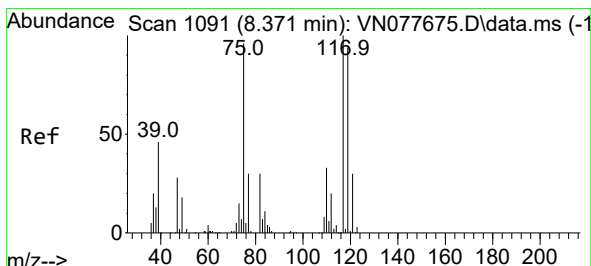
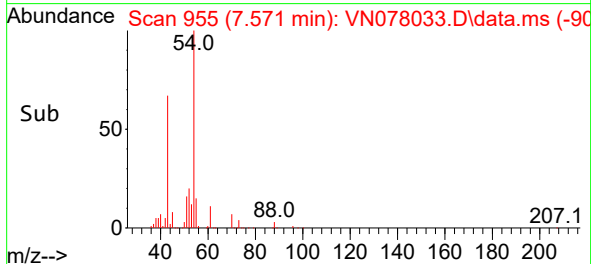
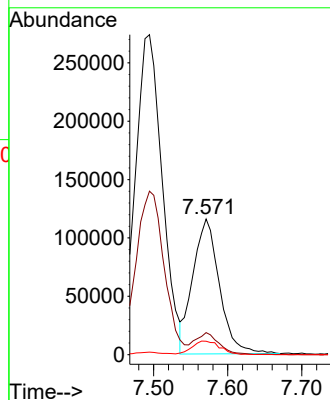
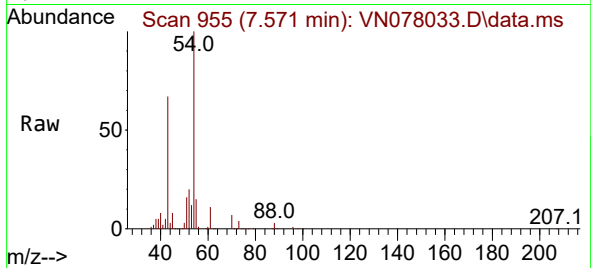




#37
Ethyl Acetate
Concen: 55.657 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

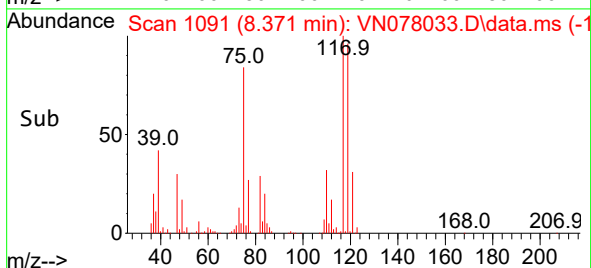
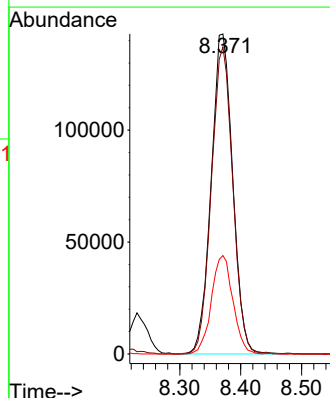
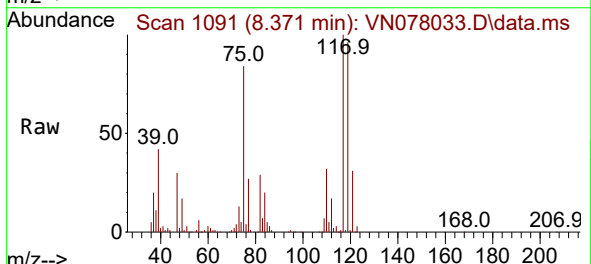
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

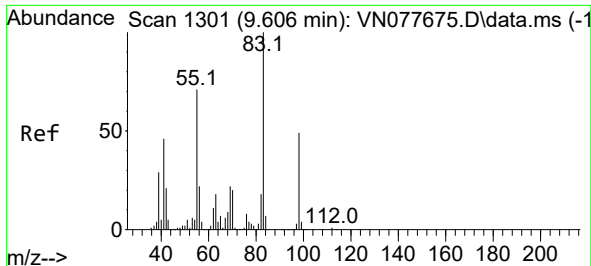
Tgt Ion: 43 Resp: 288839
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 59.729 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 117 Resp: 351176
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 44.573 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

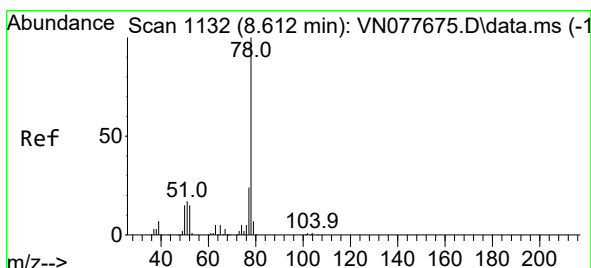
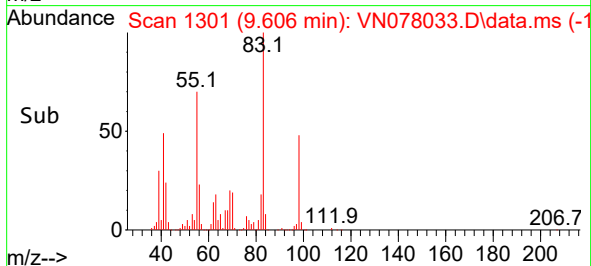
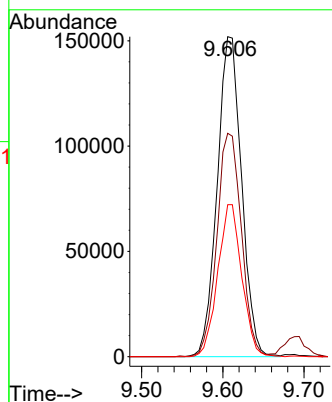
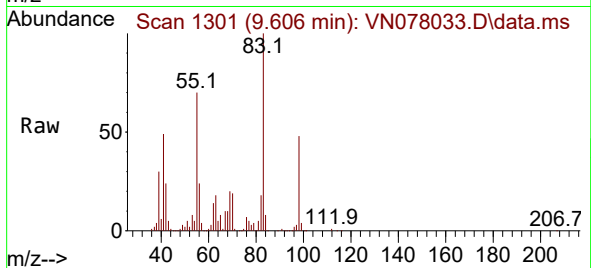
Tgt Ion: 83 Resp: 317723

Ion Ratio Lower Upper

83 100

55 69.5 49.1 73.7

98 47.5 40.6 61.0



#40

Benzene

Concen: 56.676 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078033.D

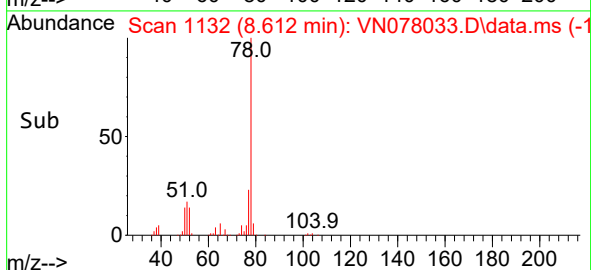
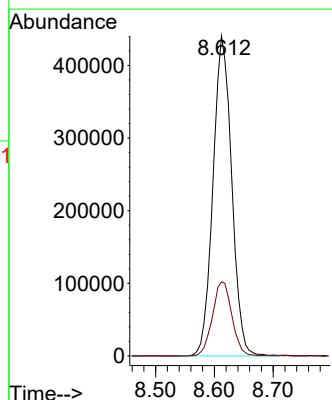
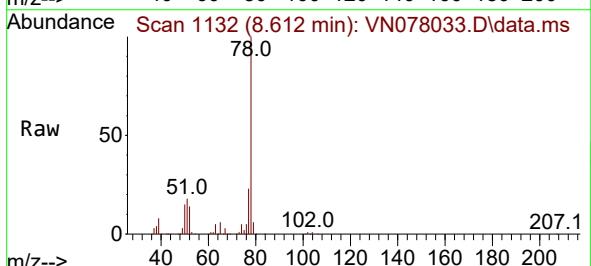
Acq: 02 Jun 2023 16:45

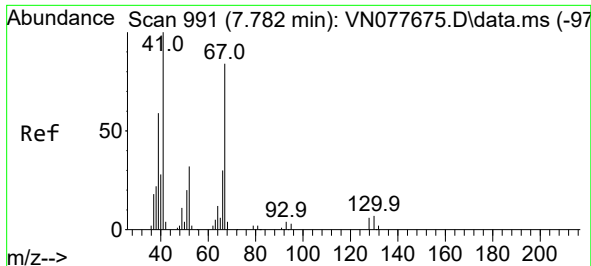
Tgt Ion: 78 Resp: 973805

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

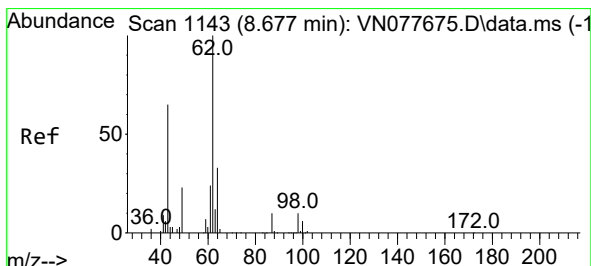
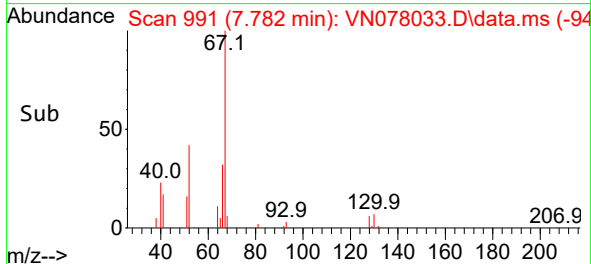
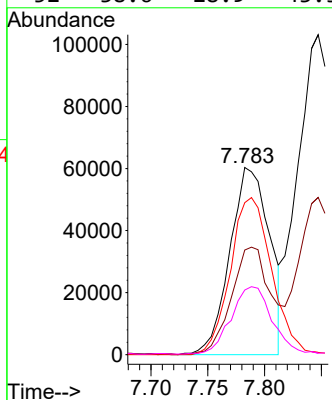
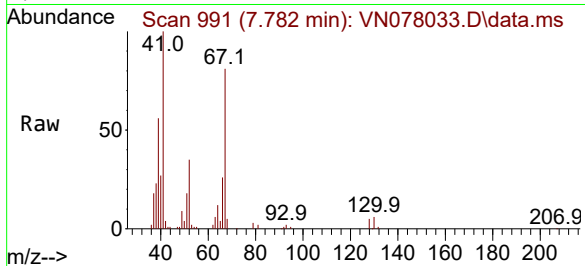




#41
Methacrylonitrile
Concen: 53.172 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

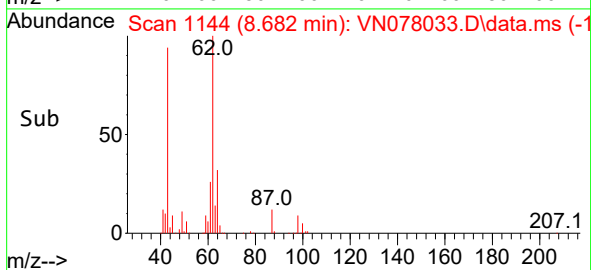
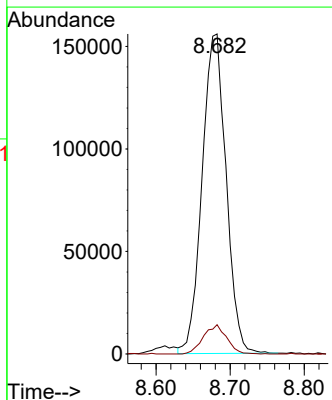
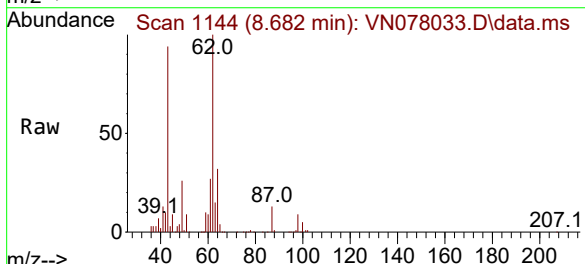
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

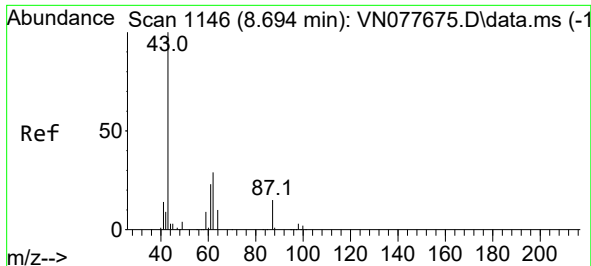
Tgt Ion:	41	Resp:	146956
Ion	Ratio	Lower	Upper
41	100		
39	58.7	42.6	64.0
67	88.1	77.5	116.3
52	38.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 56.154 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:	62	Resp:	350483
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

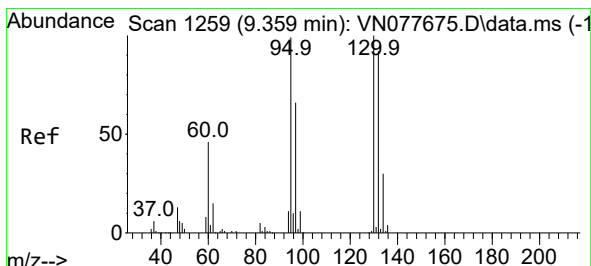
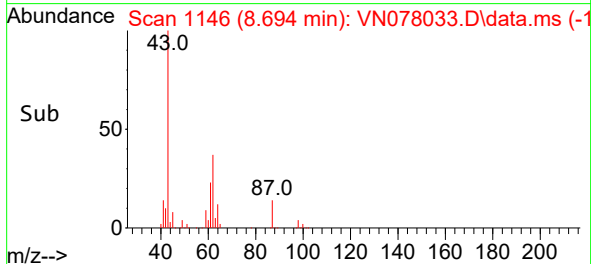
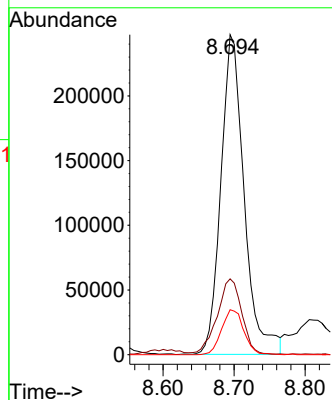
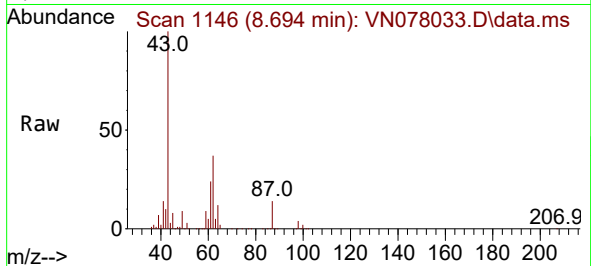




#43
Isopropyl Acetate
Concen: 66.341 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

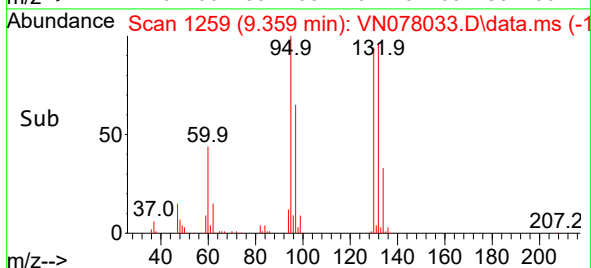
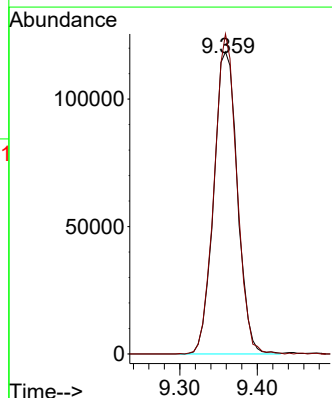
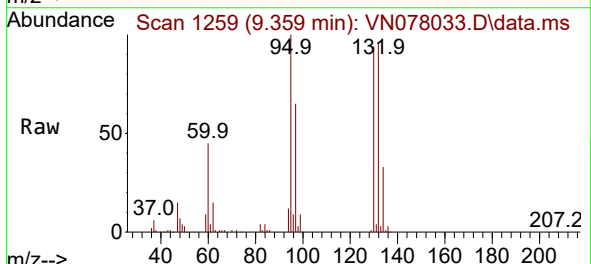
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

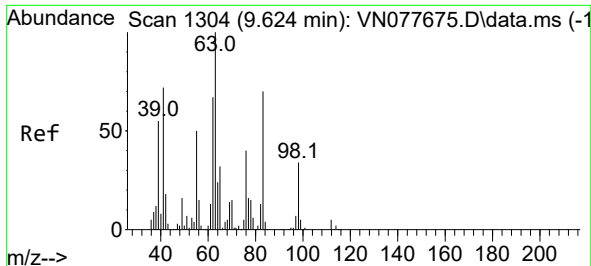
Tgt Ion: 43 Resp: 562355
Ion Ratio Lower Upper
43 100
61 24.9 24.7 37.1
87 13.4 14.6 21.8#



#44
Trichloroethene
Concen: 57.962 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:130 Resp: 252168
Ion Ratio Lower Upper
130 100
95 105.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.757 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

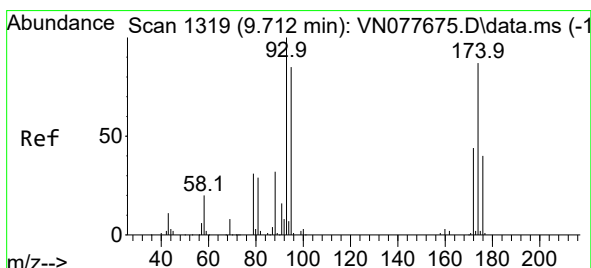
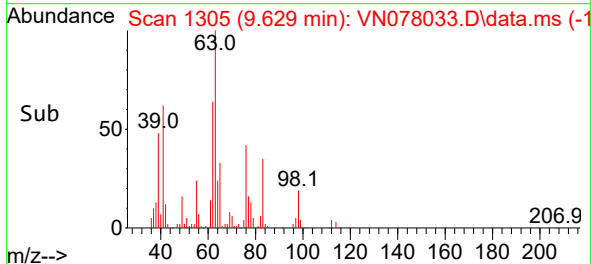
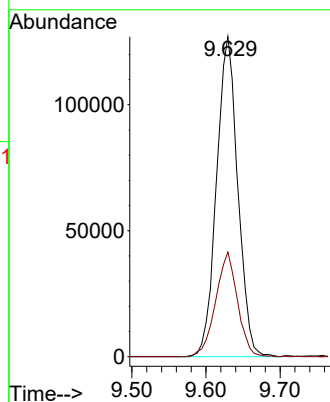
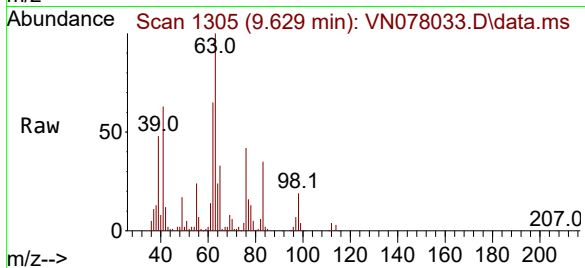
VSTDCCC050EC

Tgt Ion: 63 Resp: 253128

Ion Ratio Lower Upper

63 100

65 32.7 23.9 35.9



#46

Dibromomethane

Concen: 58.095 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

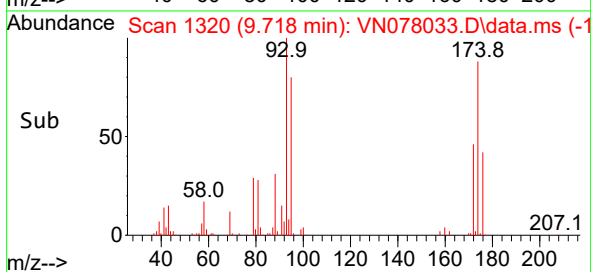
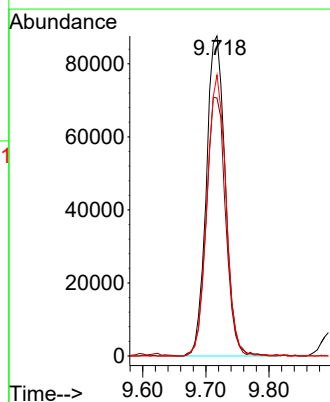
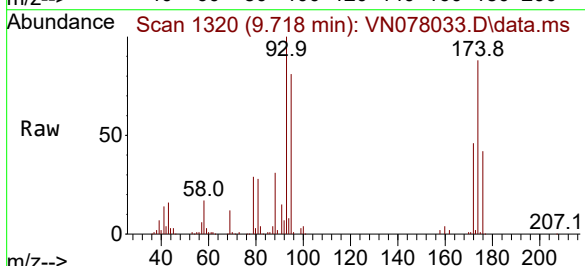
Tgt Ion: 93 Resp: 182190

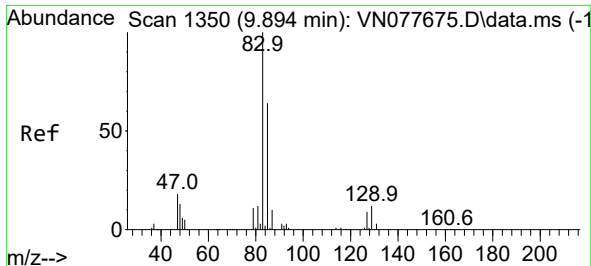
Ion Ratio Lower Upper

93 100

95 82.6 63.8 95.8

174 87.9 65.6 98.4

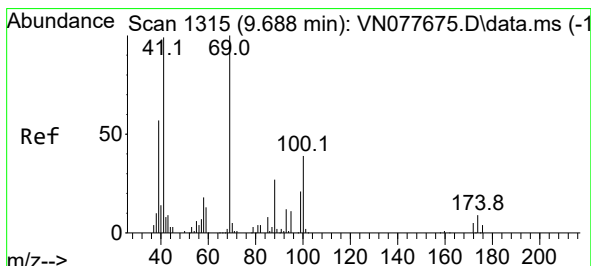
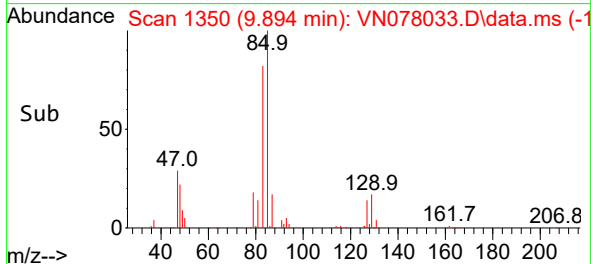
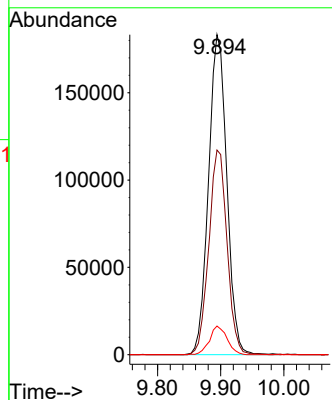
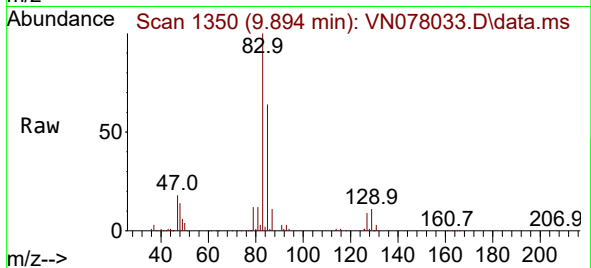




#47
Bromodichloromethane
Concen: 61.496 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

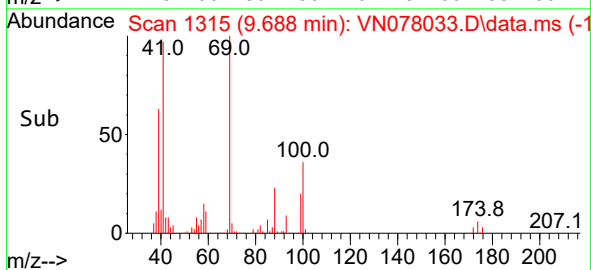
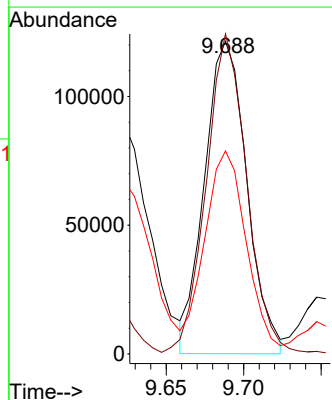
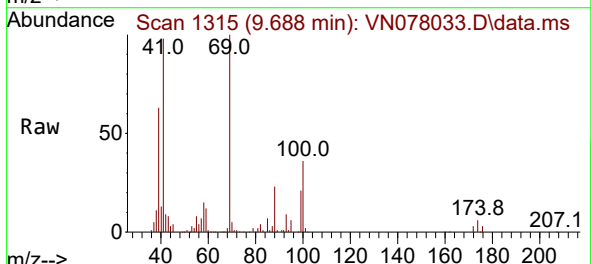
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

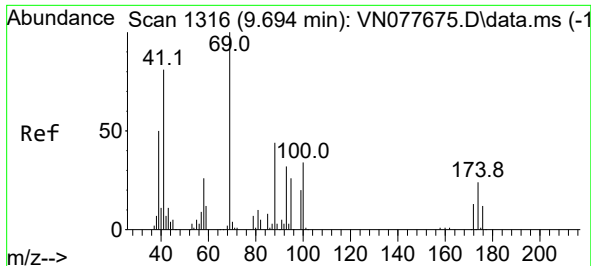
Tgt Ion: 83 Resp: 369222
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 57.195 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 41 Resp: 229866
Ion Ratio Lower Upper
41 100
69 97.6 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1390.549 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

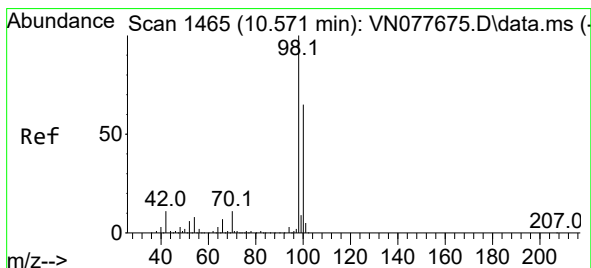
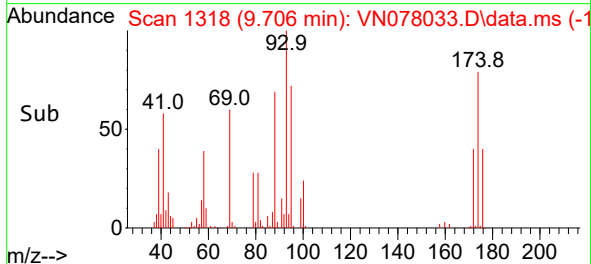
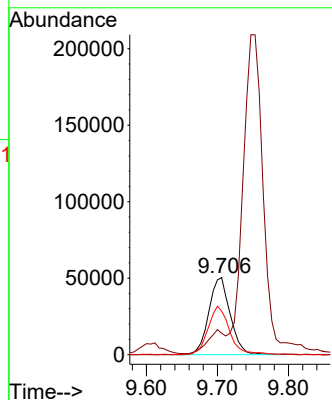
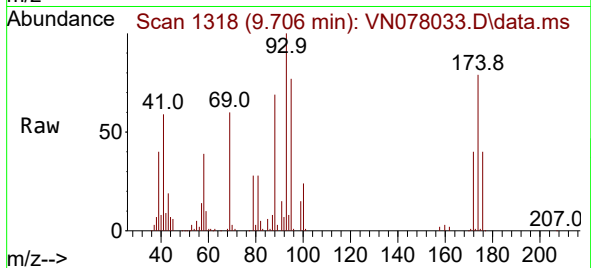
Tgt Ion: 88 Resp: 105553

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

58 63.1 47.0 70.4



#50

Toluene-d8

Concen: 54.529 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078033.D

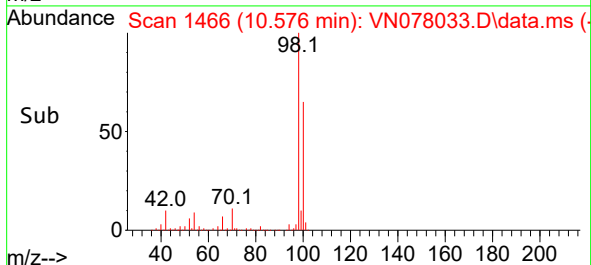
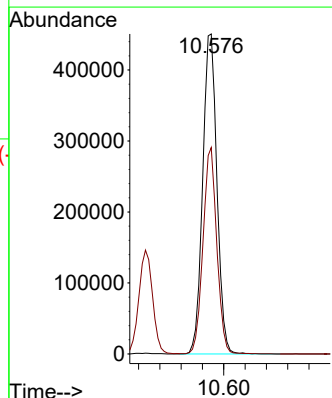
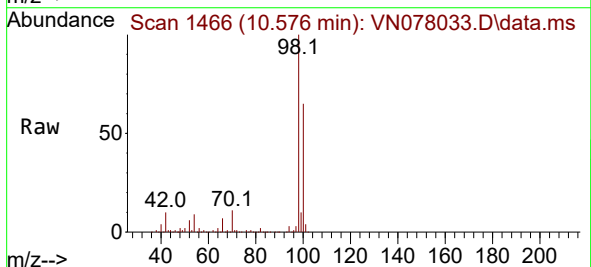
Acq: 02 Jun 2023 16:45

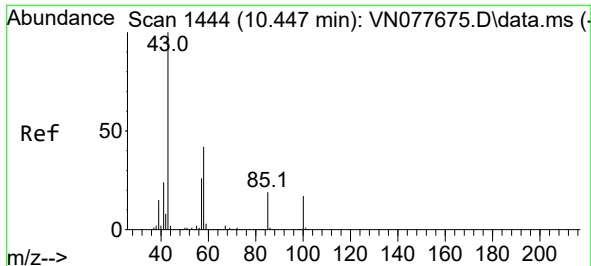
Tgt Ion: 98 Resp: 835501

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0

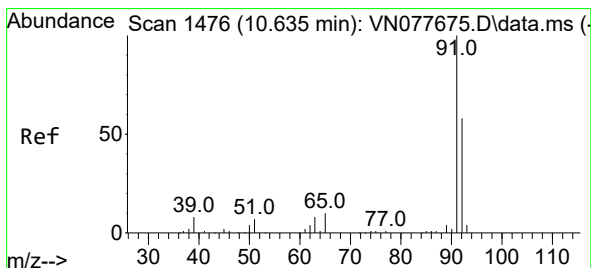
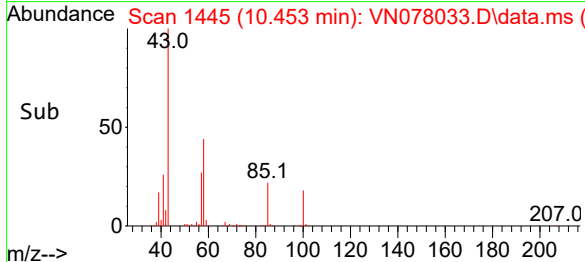
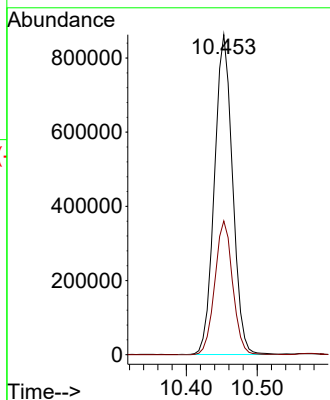
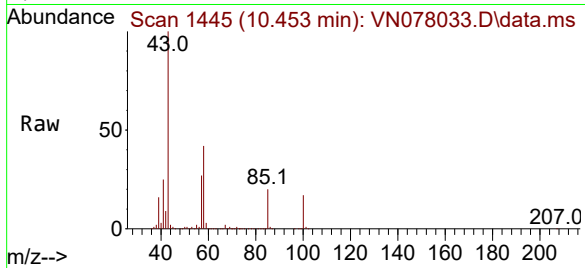




#51
4-Methyl-2-Pentanone
Concen: 302.588 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

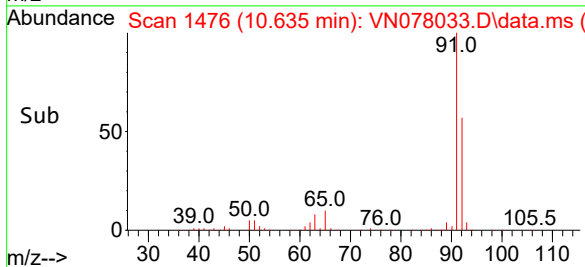
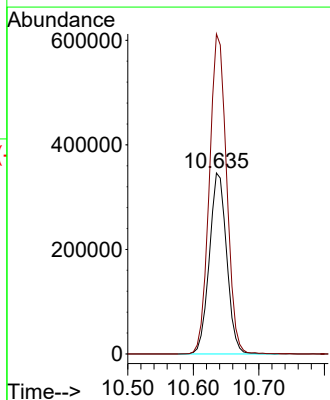
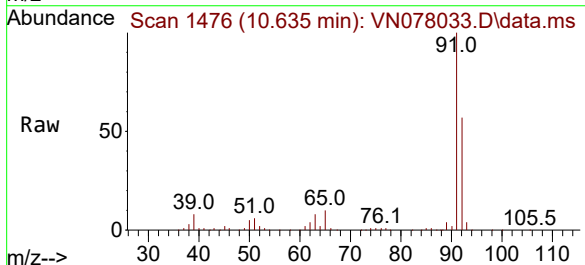
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

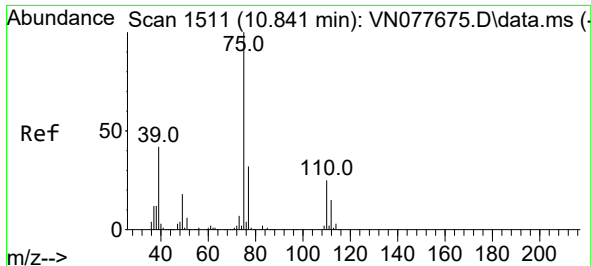
Tgt Ion: 43 Resp: 1524636
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 59.256 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 92 Resp: 633838
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

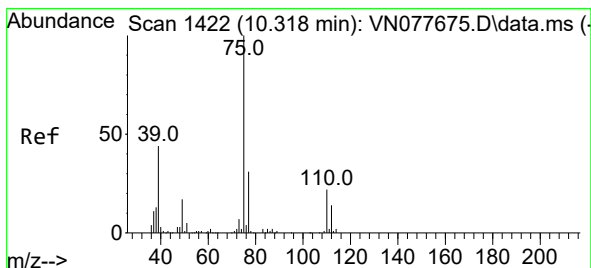
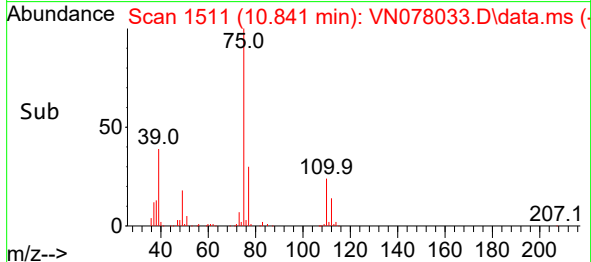
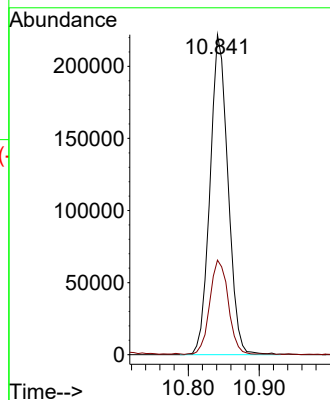
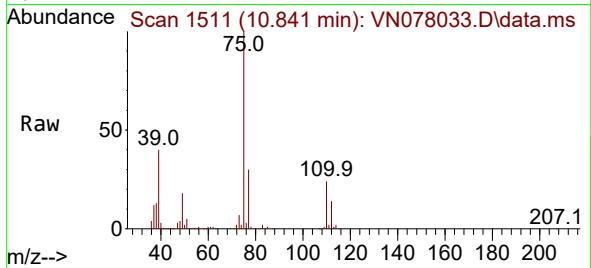




#53
t-1,3-Dichloropropene
Concen: 61.234 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

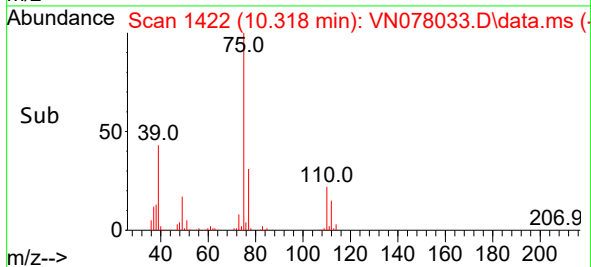
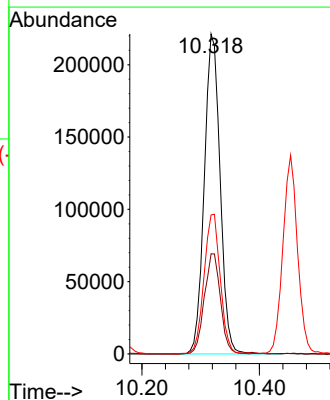
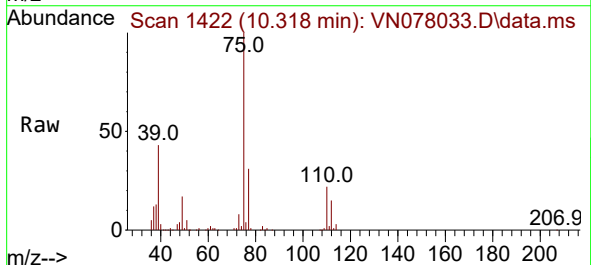
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

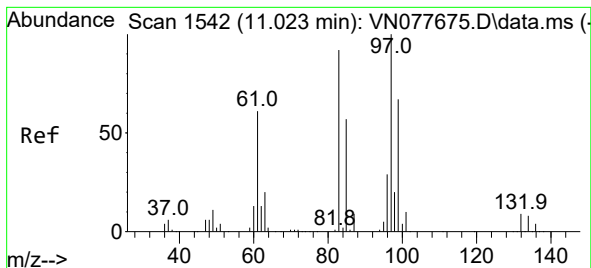
Tgt Ion: 75 Resp: 389328
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 59.011 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 75 Resp: 413464
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 60.592 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 257346

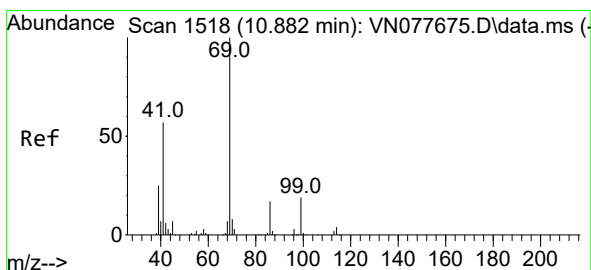
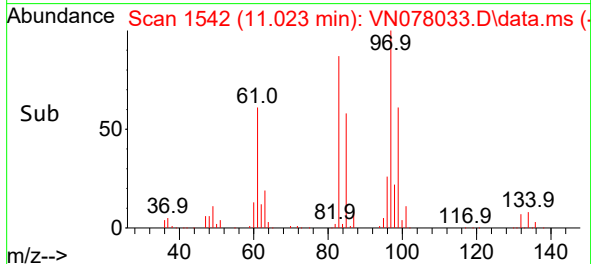
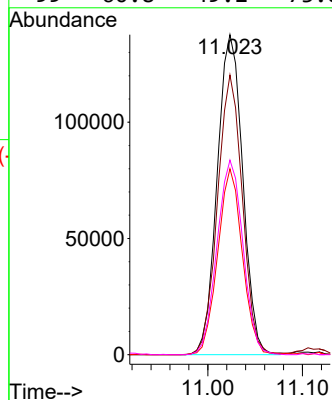
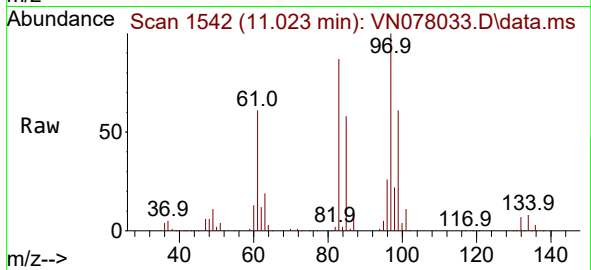
Ion Ratio Lower Upper

97 100

83 87.4 65.1 97.7

85 58.1 43.4 65.2

99 60.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 60.996 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

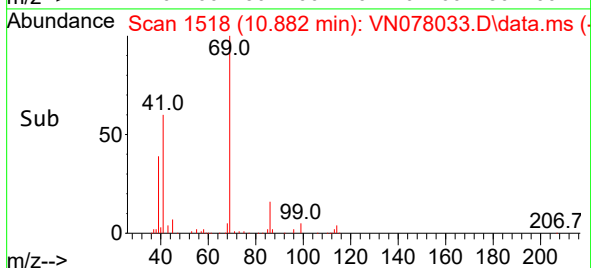
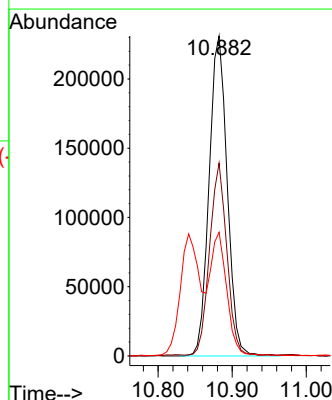
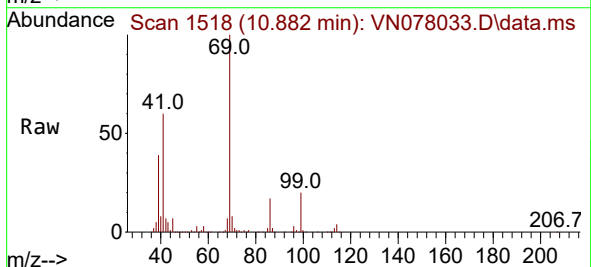
Tgt Ion: 69 Resp: 391703

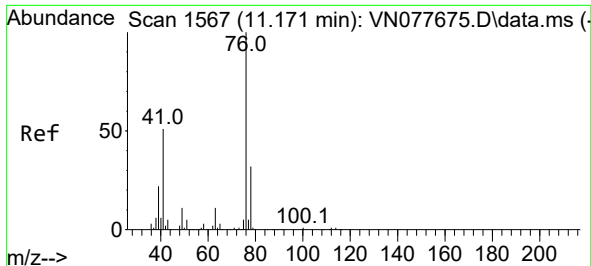
Ion Ratio Lower Upper

69 100

41 56.9 39.6 59.4

39 33.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 59.548 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

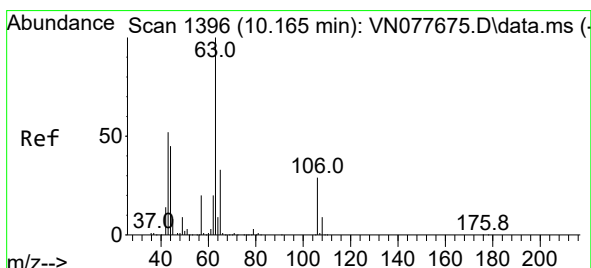
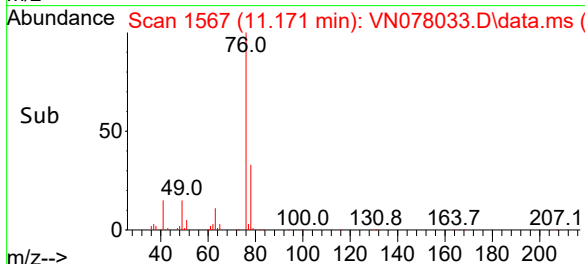
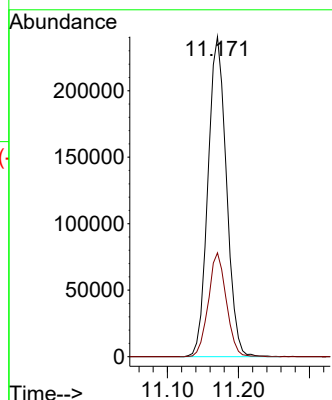
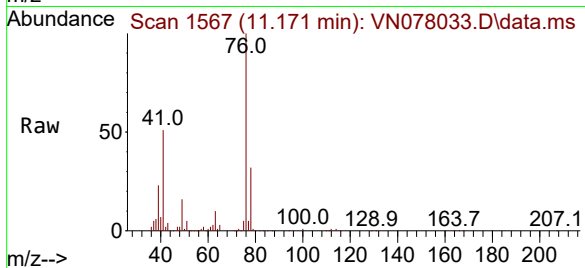
VSTDCCC050EC

Tgt Ion: 76 Resp: 433575

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 232.669 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078033.D

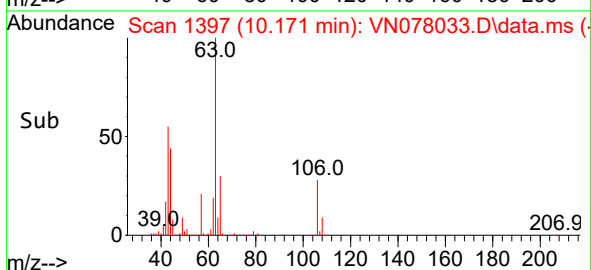
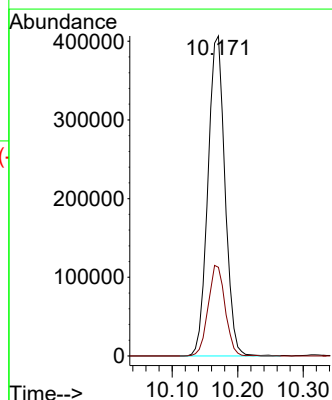
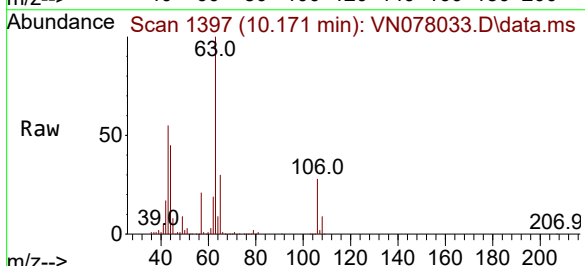
Acq: 02 Jun 2023 16:45

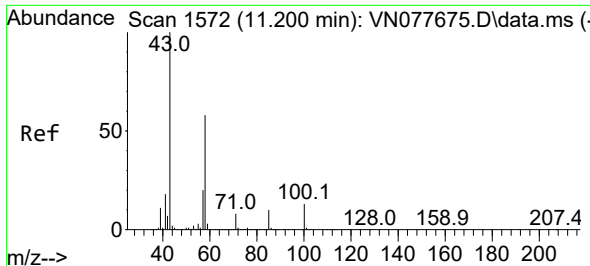
Tgt Ion: 63 Resp: 735057

Ion Ratio Lower Upper

63 100

106 28.2 26.2 39.4

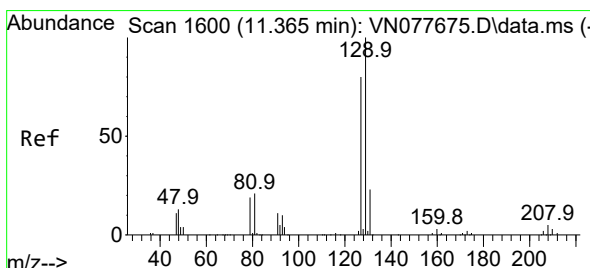
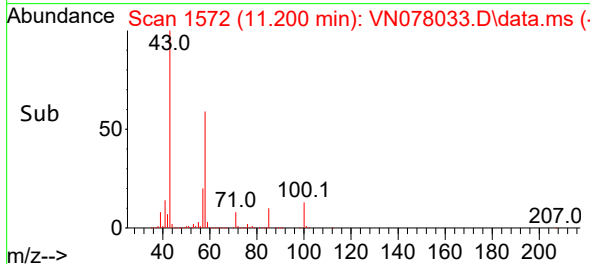
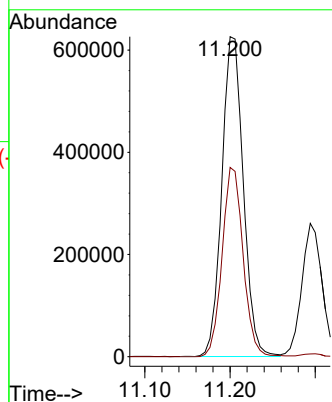
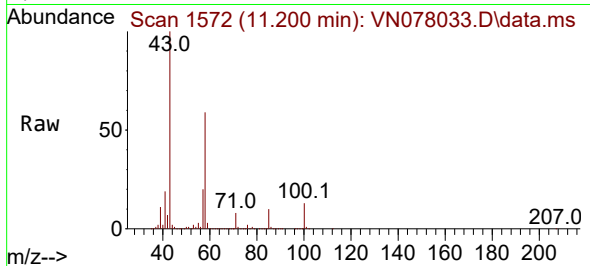




#59
2-Hexanone
Concen: 294.245 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

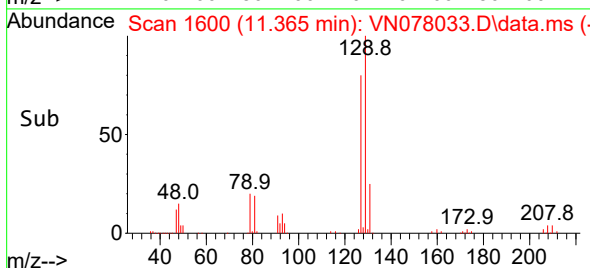
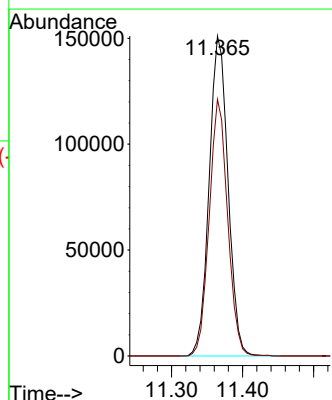
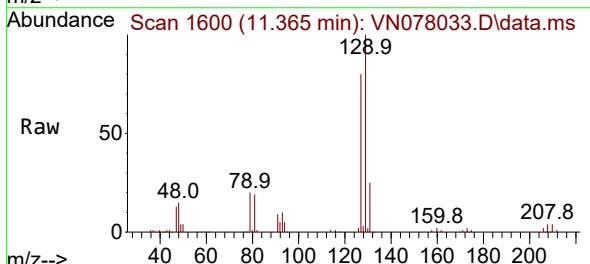
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

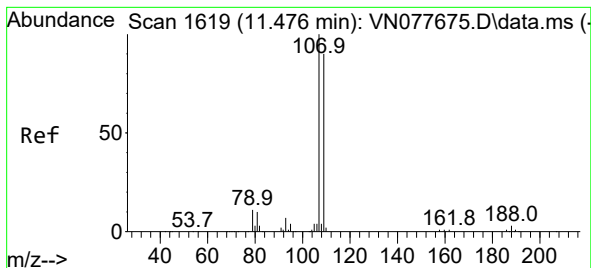
Tgt Ion: 43 Resp: 1096617
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1



#60
Dibromochloromethane
Concen: 63.486 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 129 Resp: 278357
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

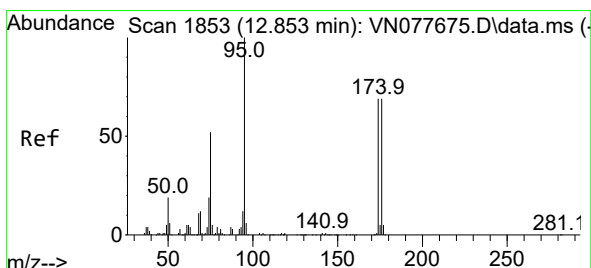
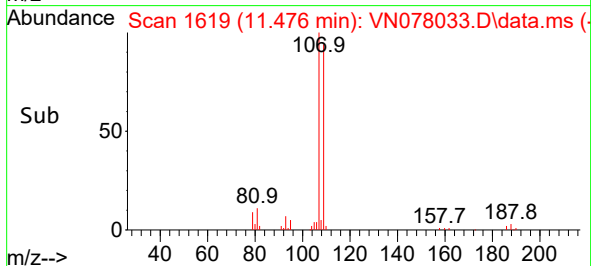
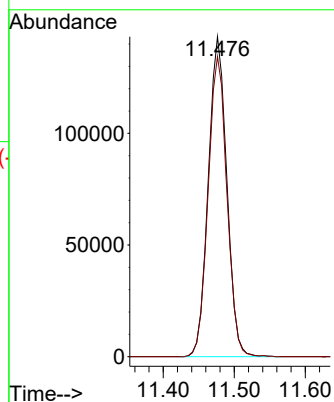
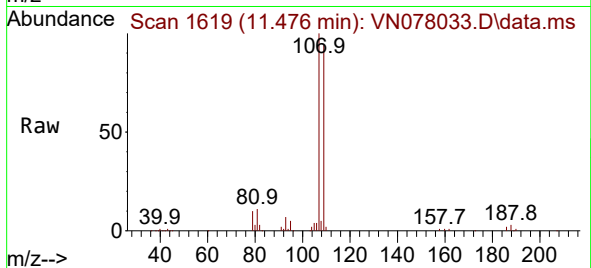




#61
1,2-Dibromoethane
Concen: 61.277 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

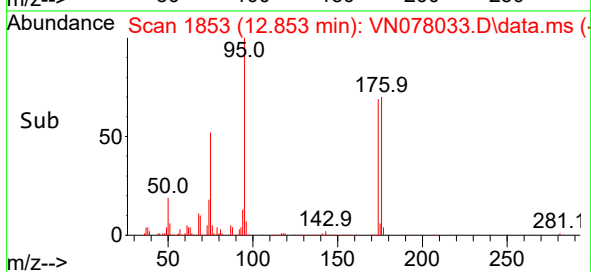
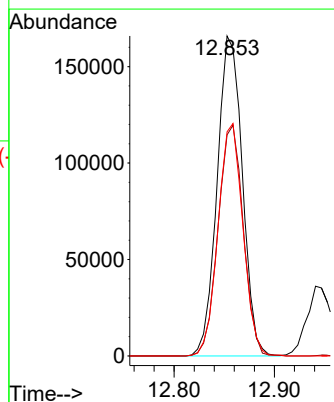
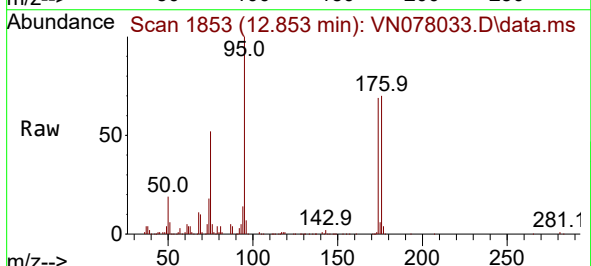
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

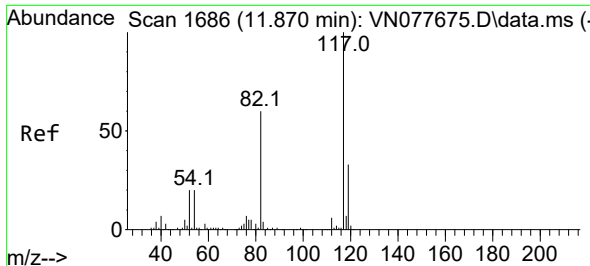
Tgt Ion:107 Resp: 259637
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.406 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 95 Resp: 289006
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 71.6 0.0 135.8

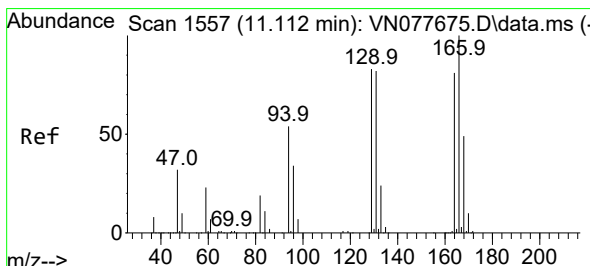
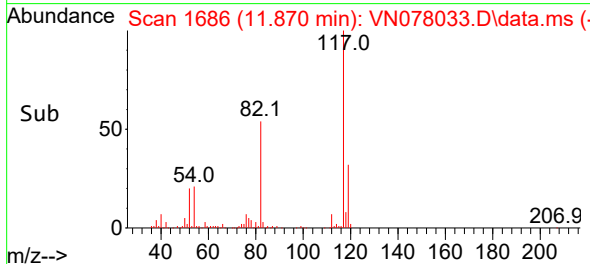
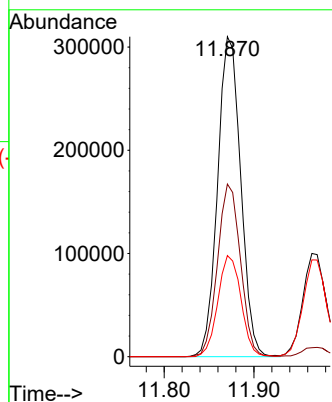
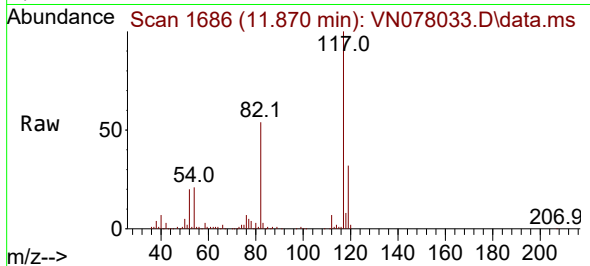




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

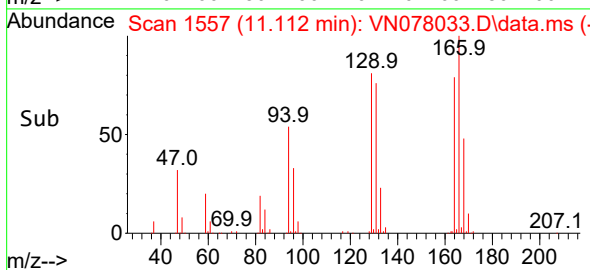
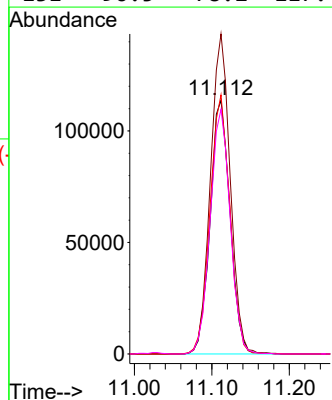
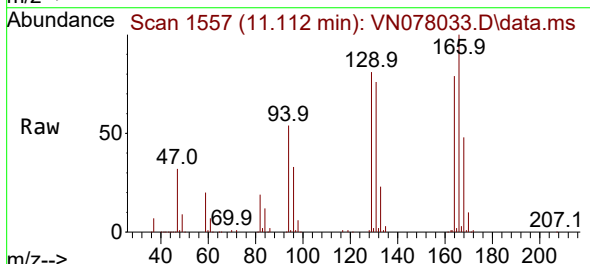
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

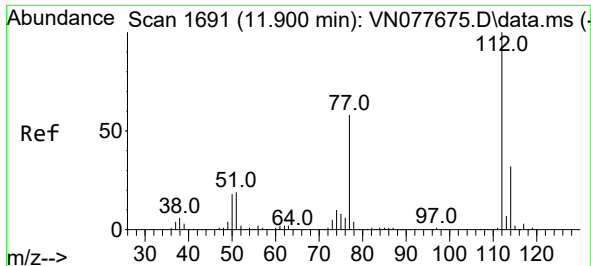
Tgt Ion:117 Resp: 554187
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 52.313 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:164 Resp: 202744
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 102.1 82.4 123.6
131 96.5 78.2 117.4

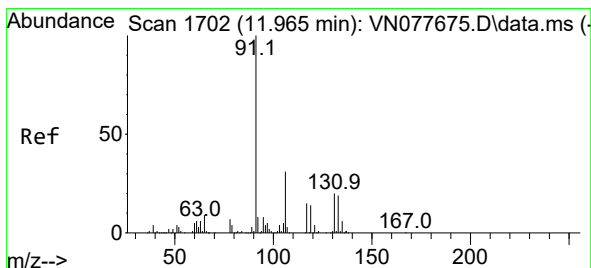
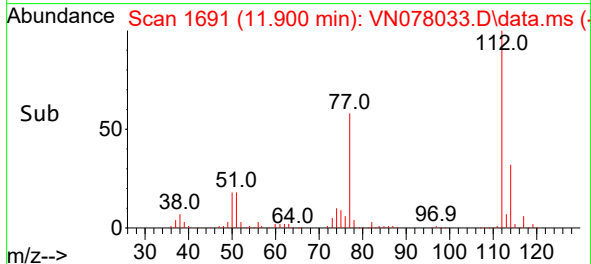
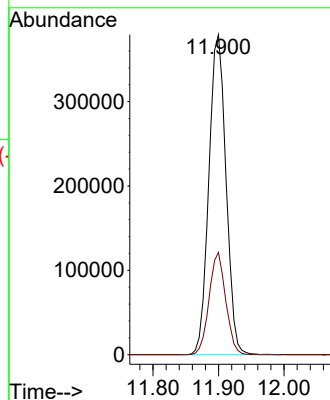
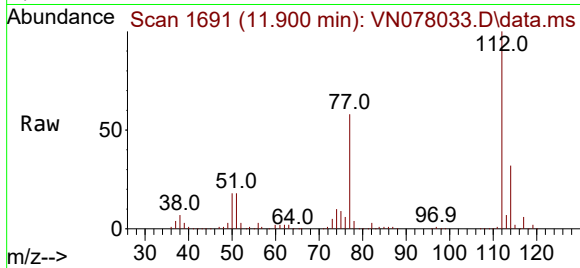




#65
Chlorobenzene
Concen: 57.393 ug/l
RT: 11.900 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

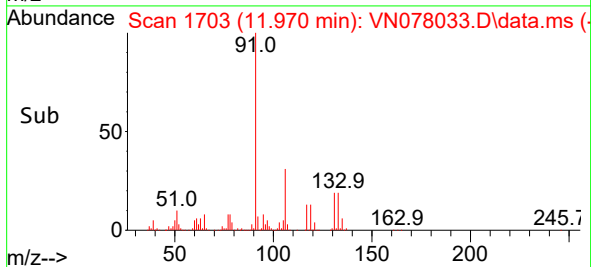
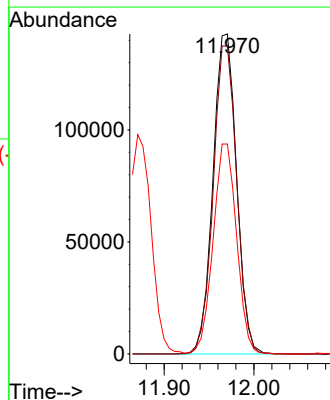
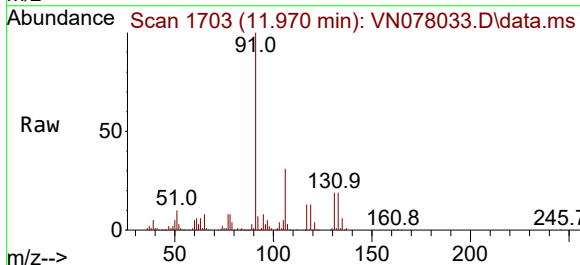
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

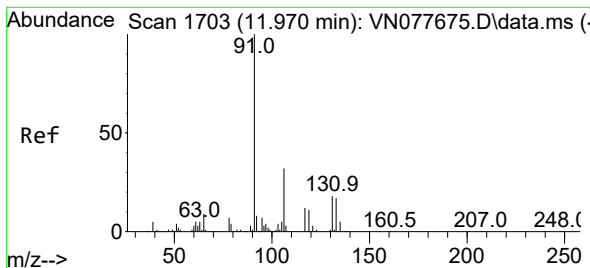
Tgt Ion:112 Resp: 689526
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 62.634 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:131 Resp: 260372
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 65.6 34.1 102.2





#67

Ethyl Benzene

Concen: 56.599 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

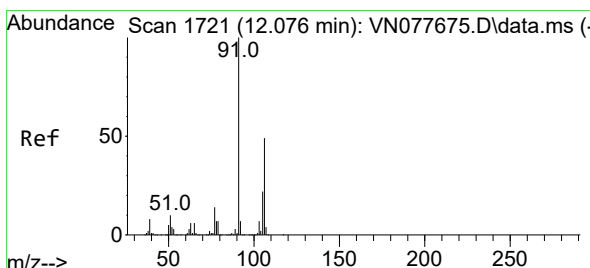
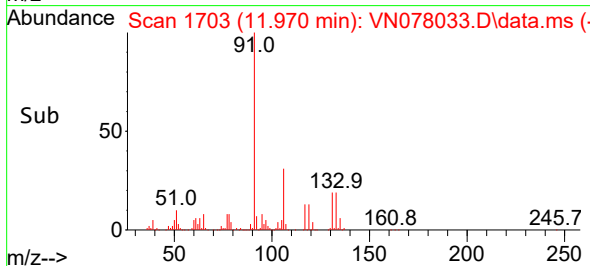
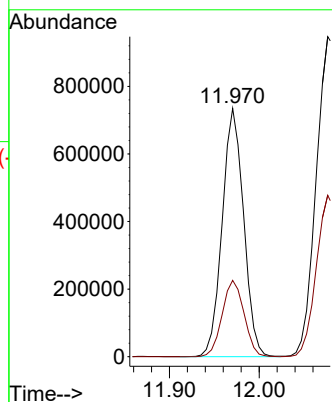
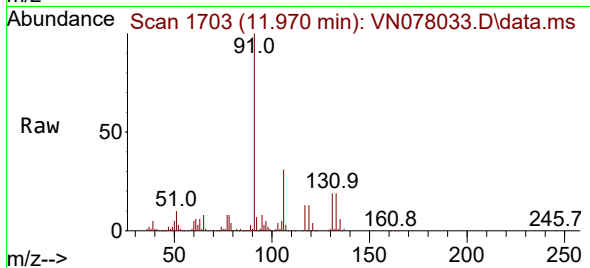
VSTDCCC050EC

Tgt Ion: 91 Resp: 1218561

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 114.219 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078033.D

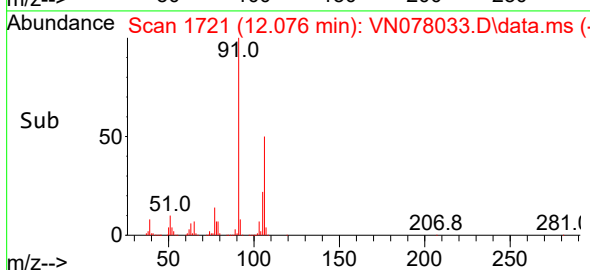
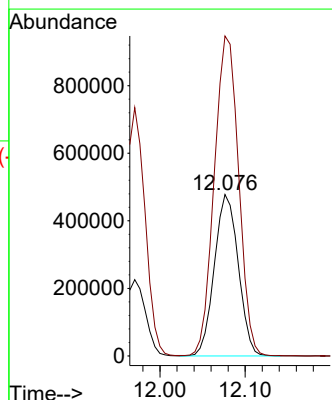
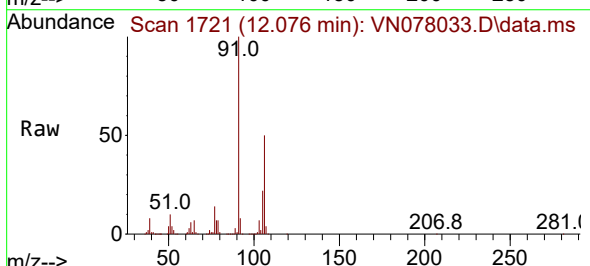
Acq: 02 Jun 2023 16:45

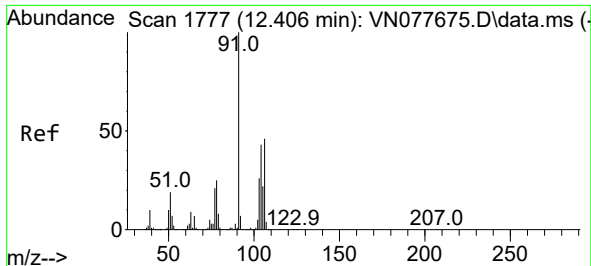
Tgt Ion:106 Resp: 931788

Ion Ratio Lower Upper

106 100

91 202.4 159.6 239.4





#69

o-Xylene

Concen: 57.332 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

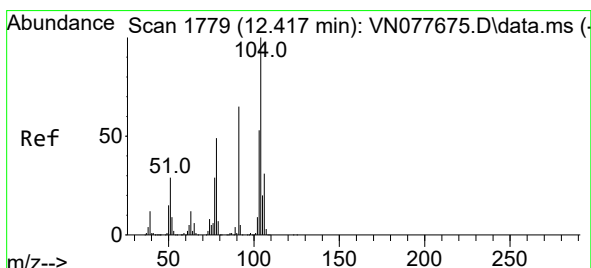
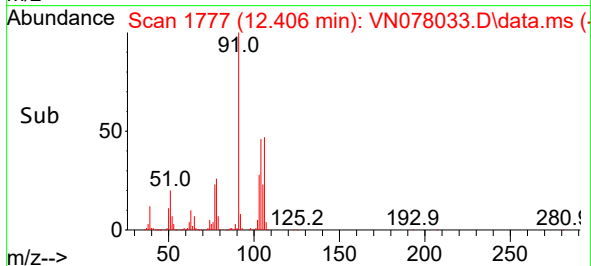
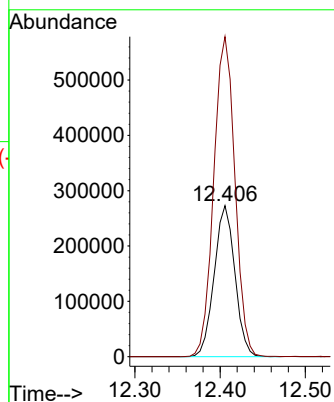
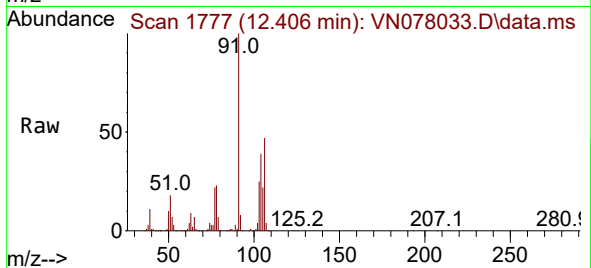
VSTDCCC050EC

Tgt Ion:106 Resp: 459964

Ion Ratio Lower Upper

106 100

91 217.3 105.2 315.5



#70

Styrene

Concen: 58.995 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.001 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

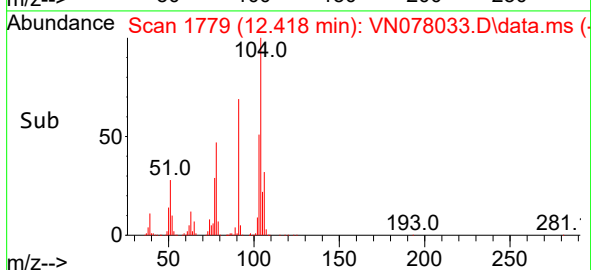
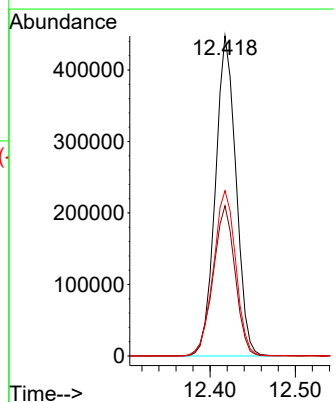
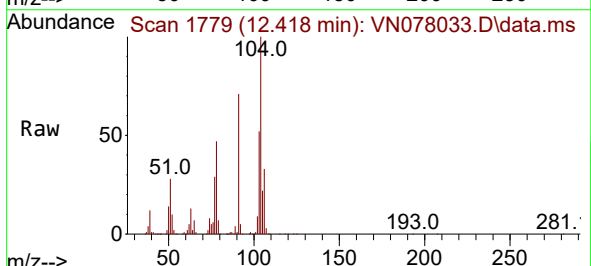
Tgt Ion:104 Resp: 751883

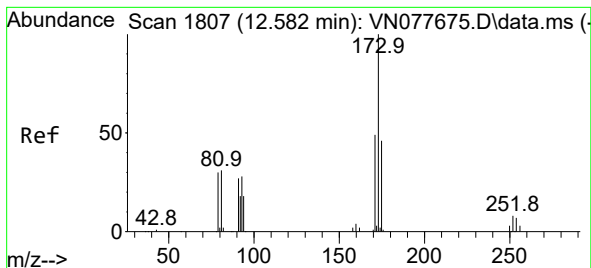
Ion Ratio Lower Upper

104 100

78 50.2 39.5 59.3

103 56.1 43.2 64.8





#71

Bromoform

Concen: 66.484 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

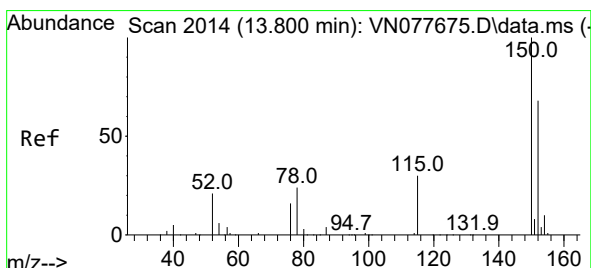
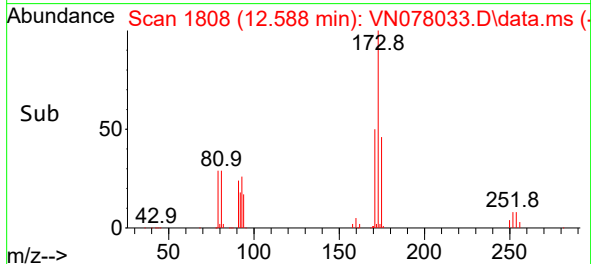
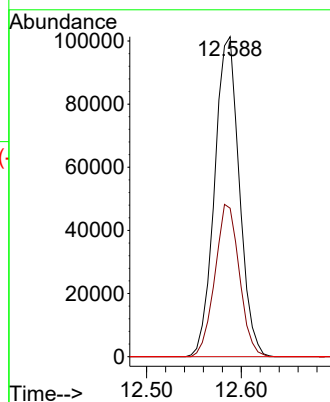
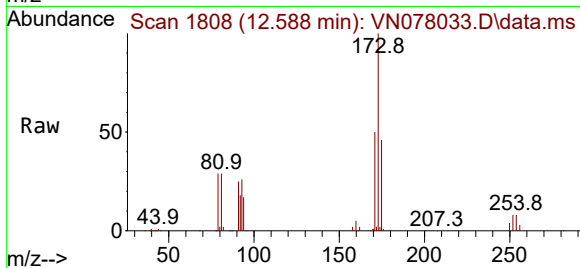
Tgt Ion:173 Resp: 183855

Ion Ratio Lower Upper

173 100

175 47.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

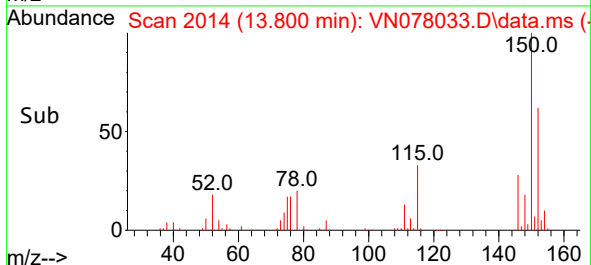
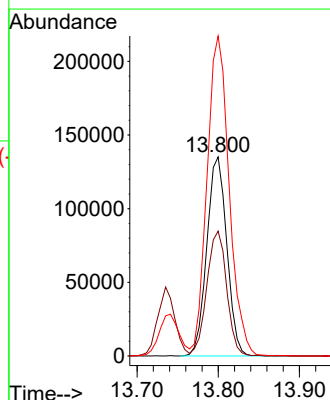
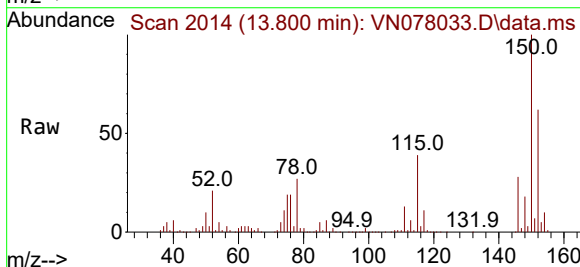
Tgt Ion:152 Resp: 231053

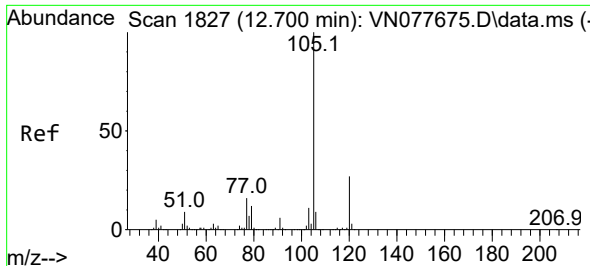
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 177.4 0.0 355.8

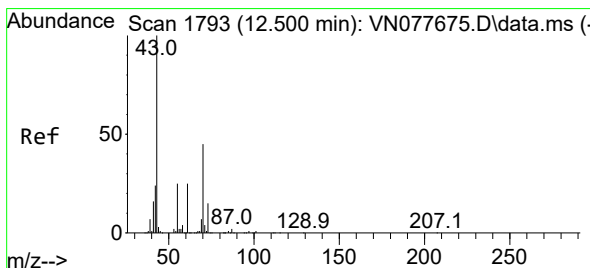
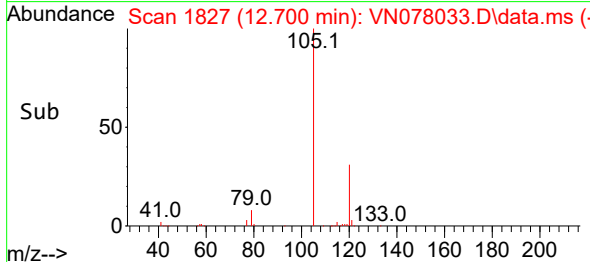
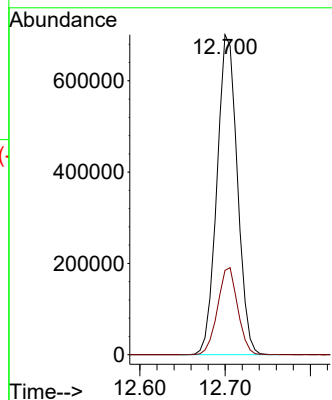
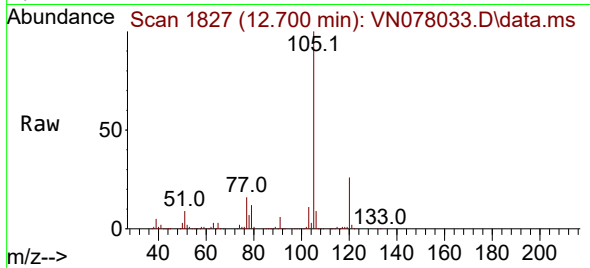




#73
Isopropylbenzene
Concen: 58.469 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

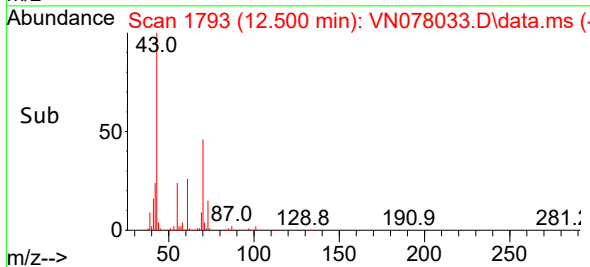
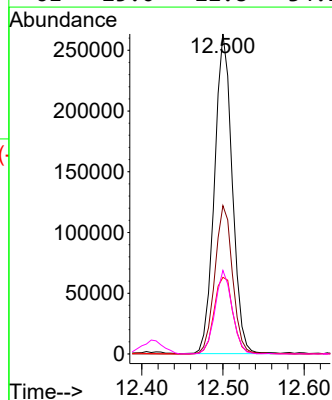
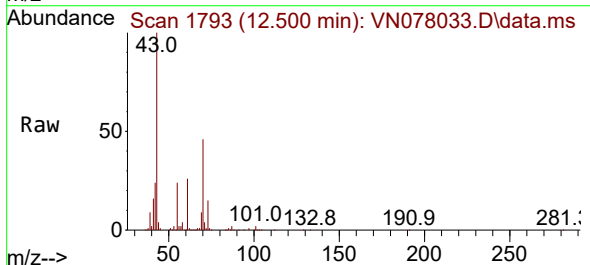
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

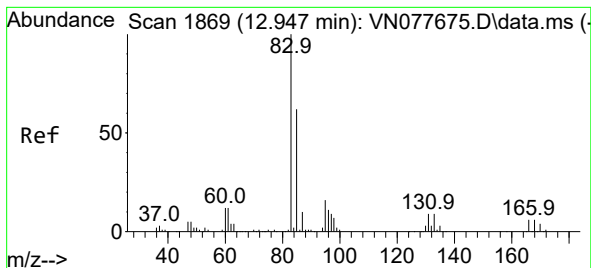
Tgt Ion:105 Resp: 1164520
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 54.432 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 43 Resp: 400718
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 25.6 21.4 32.0
61 25.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 61.111 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

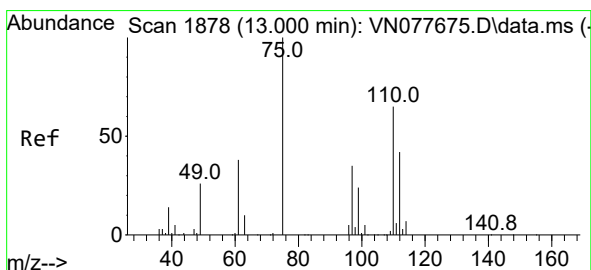
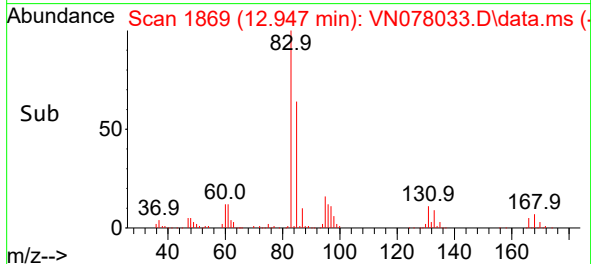
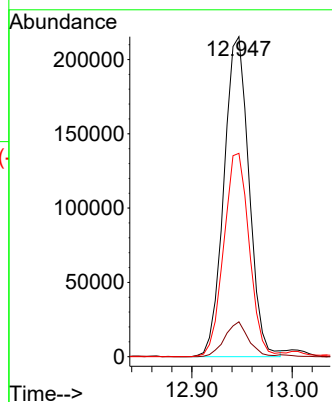
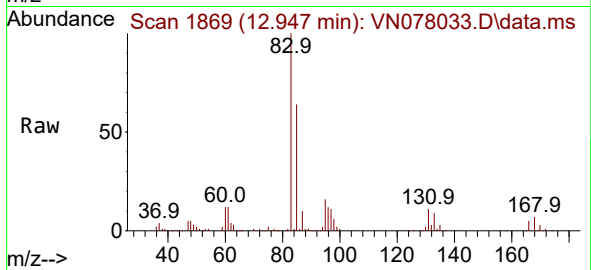
Tgt Ion: 83 Resp: 374437

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 78.647 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078033.D

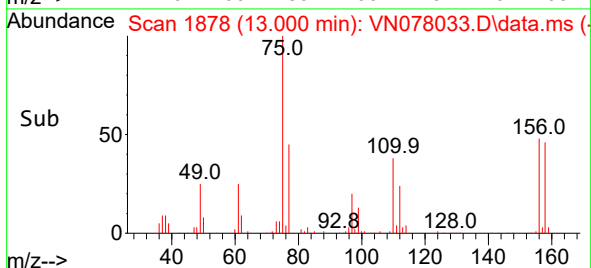
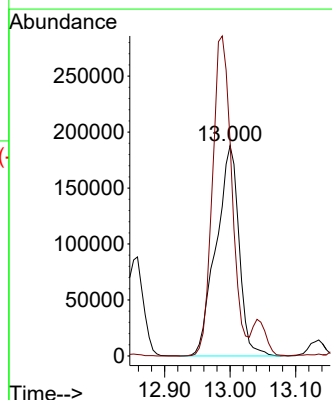
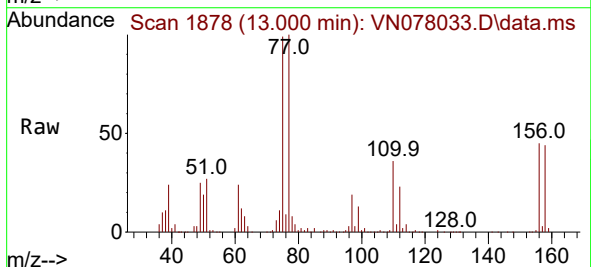
Acq: 02 Jun 2023 16:45

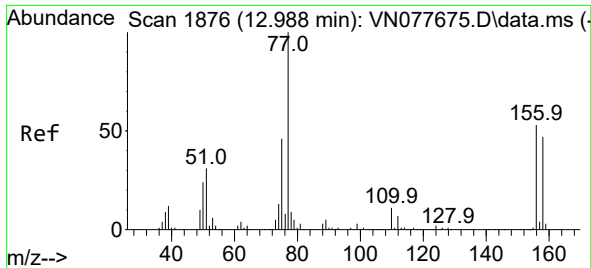
Tgt Ion: 75 Resp: 455081

Ion Ratio Lower Upper

75 100

77 128.8 84.5 253.5

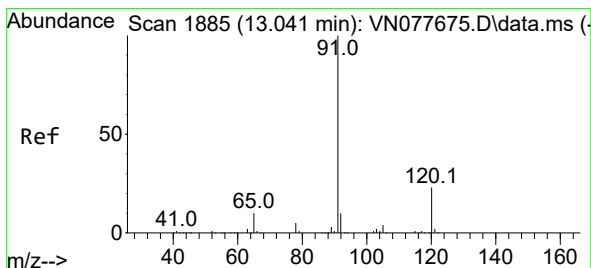
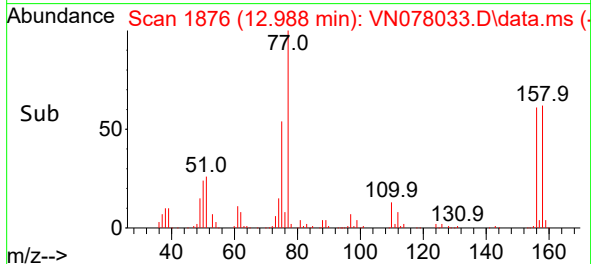
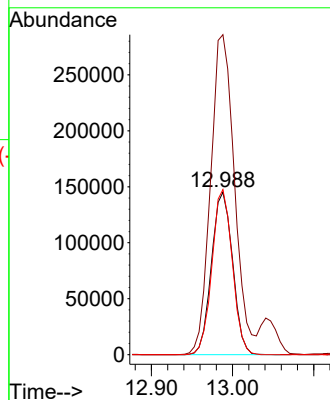
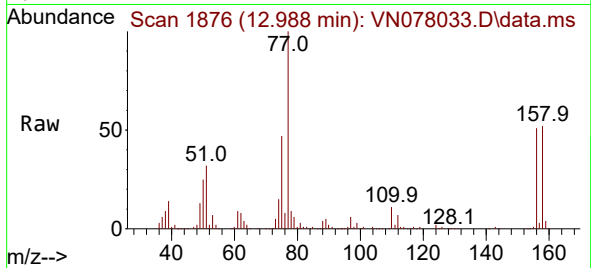




#77
Bromobenzene
Concen: 57.712 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

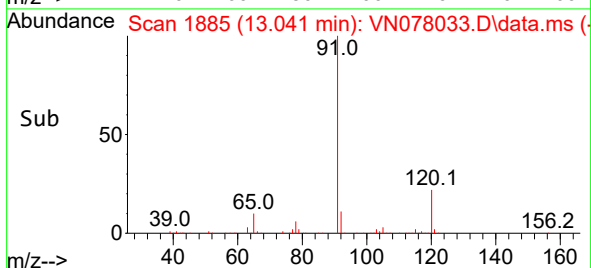
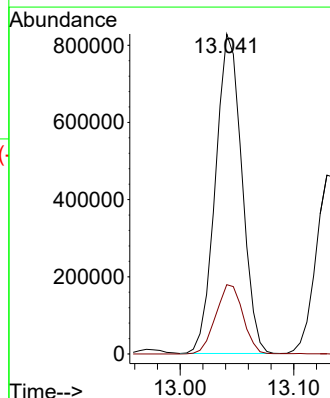
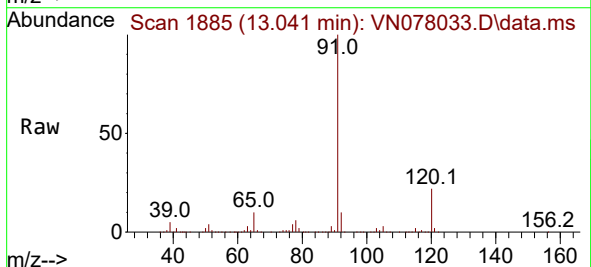
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

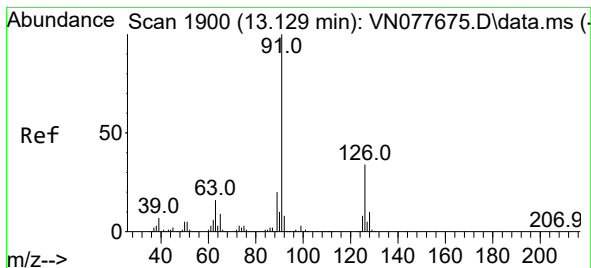
Tgt Ion:156 Resp: 262309
Ion Ratio Lower Upper
156 100
77 223.5 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 57.002 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 91 Resp: 1338437
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 58.263 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

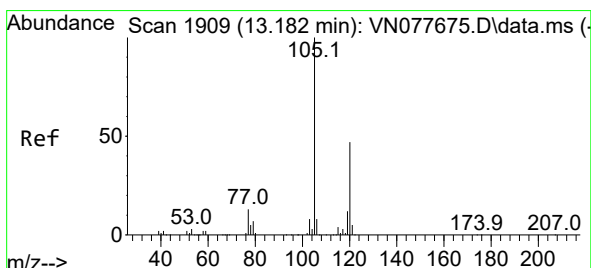
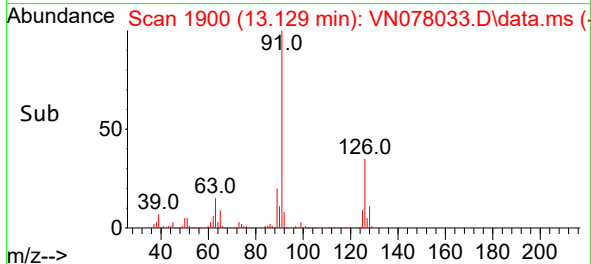
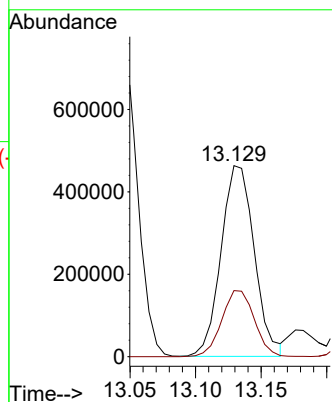
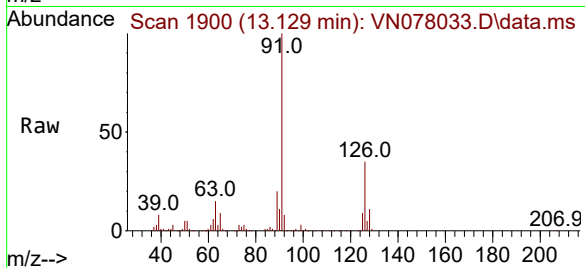
VSTDCCC050EC

Tgt Ion: 91 Resp: 816339

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 57.812 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN078033.D

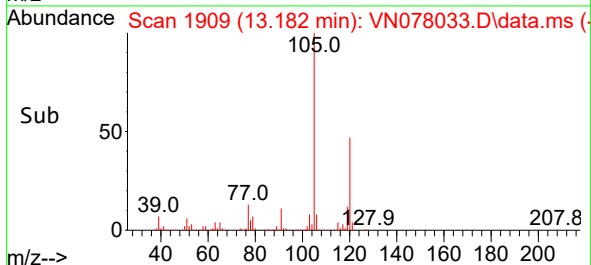
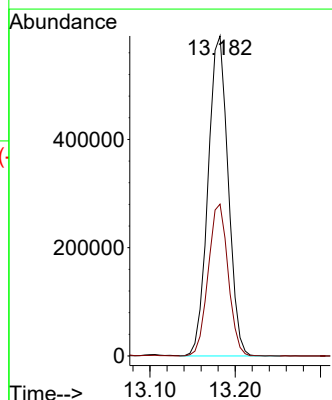
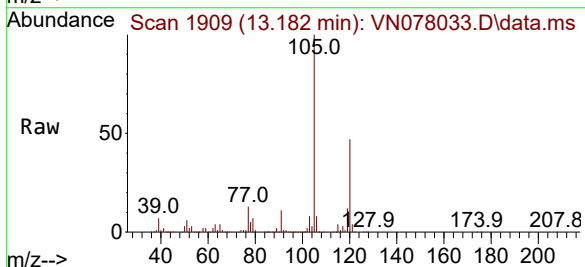
Acq: 02 Jun 2023 16:45

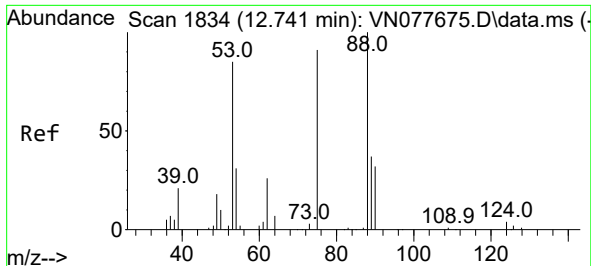
Tgt Ion: 105 Resp: 967743

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.3

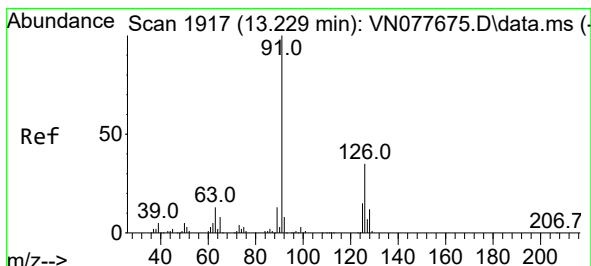
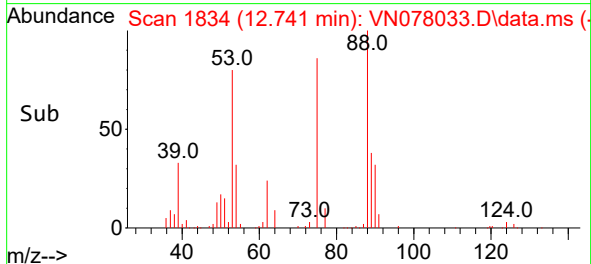
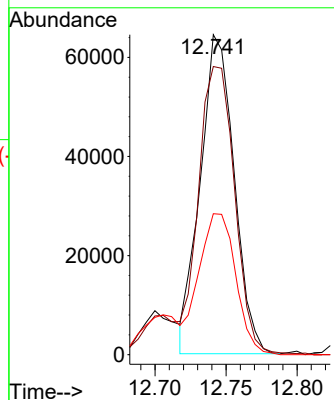
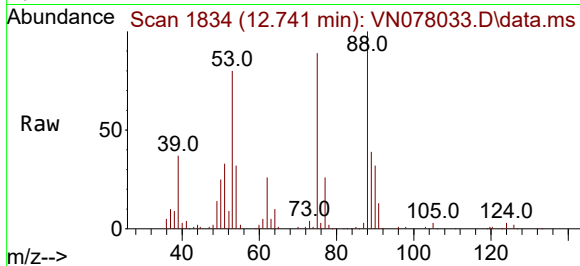




#81
trans-1,4-Dichloro-2-butene
Concen: 59.094 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

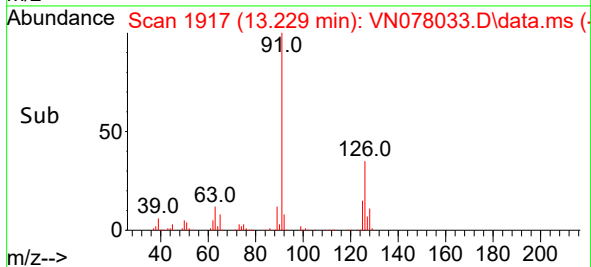
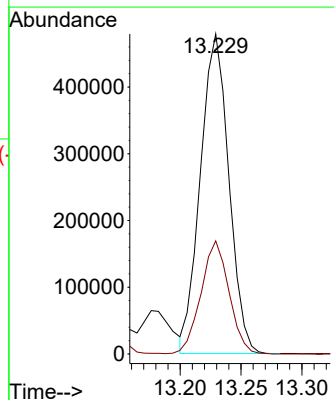
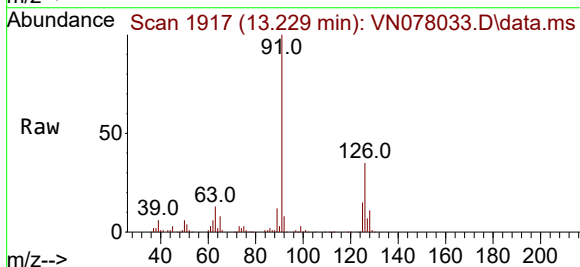
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

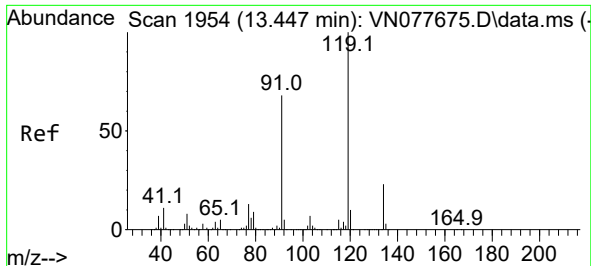
Tgt Ion: 75 Resp: 106973
Ion Ratio Lower Upper
75 100
53 109.5 67.4 101.2#
89 48.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.846 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 91 Resp: 778542
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0

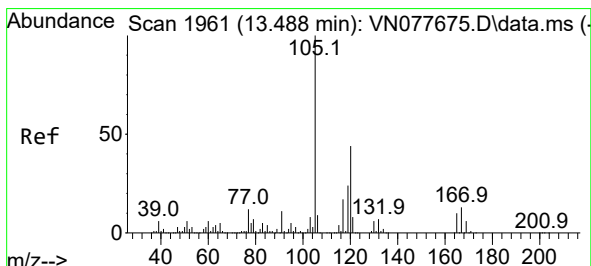
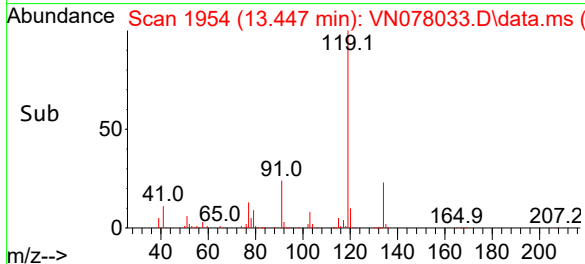
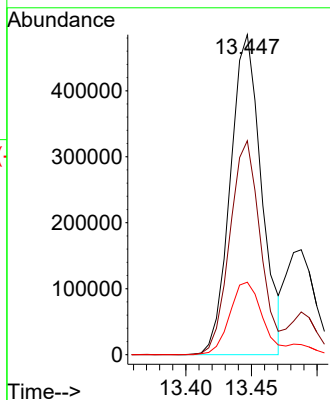
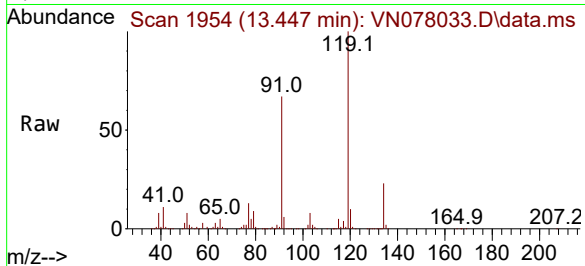




#83
tert-Butylbenzene
Concen: 54.895 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

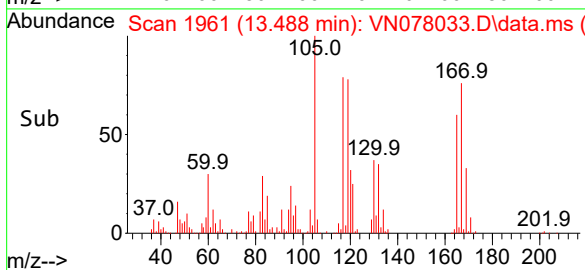
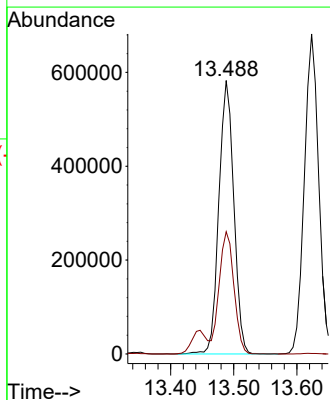
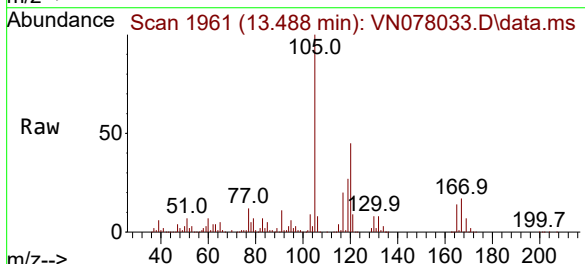
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

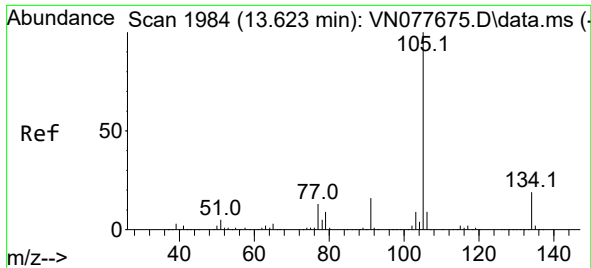
Tgt Ion:119 Resp: 802195
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 23.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 57.968 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:105 Resp: 954312
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0

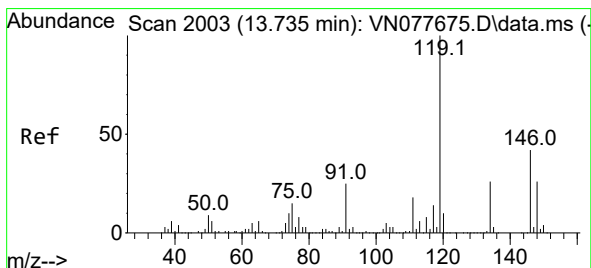
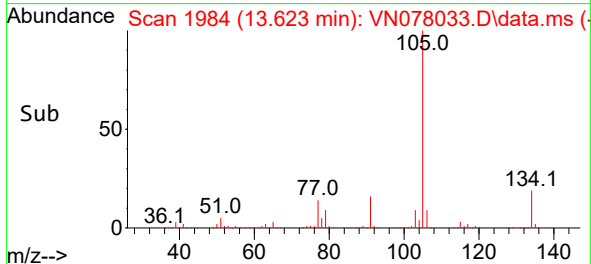
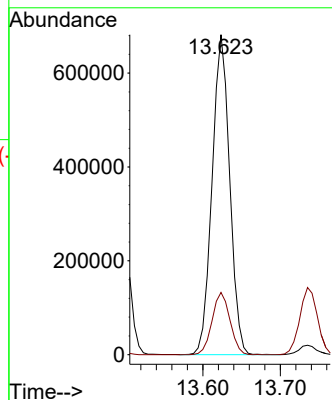
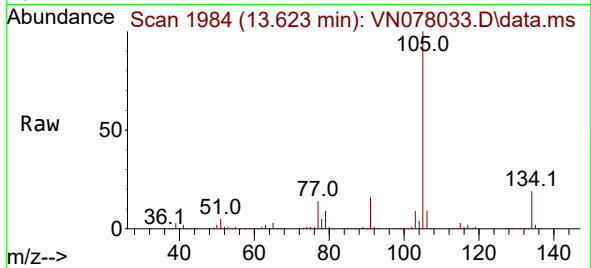




#85
 sec-Butylbenzene
 Concen: 51.684 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

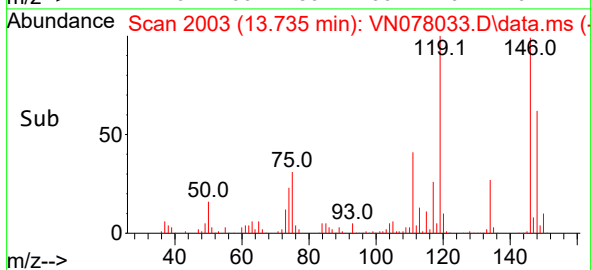
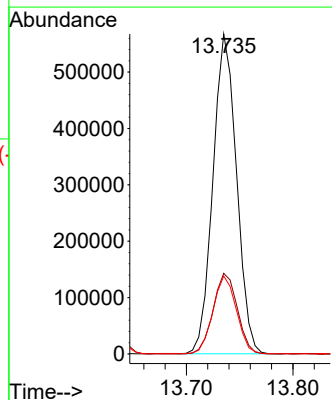
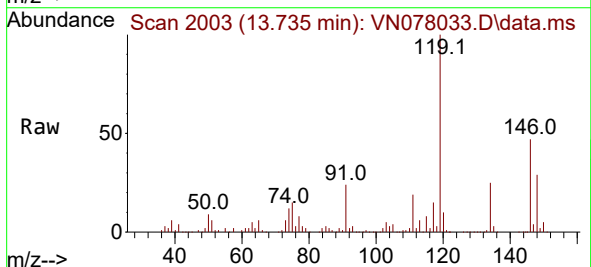
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

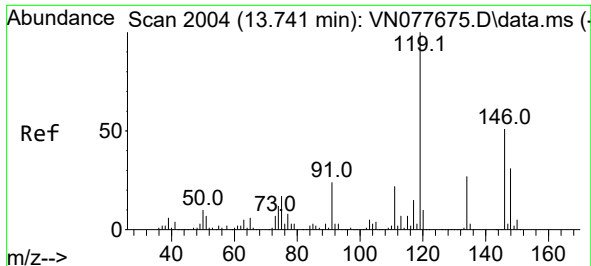
Tgt Ion:105 Resp: 1073380
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.661 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078033.D
 Acq: 02 Jun 2023 16:45

Tgt Ion:119 Resp: 871902
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.2 12.4 37.2

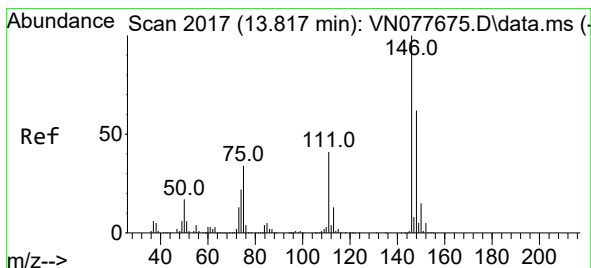
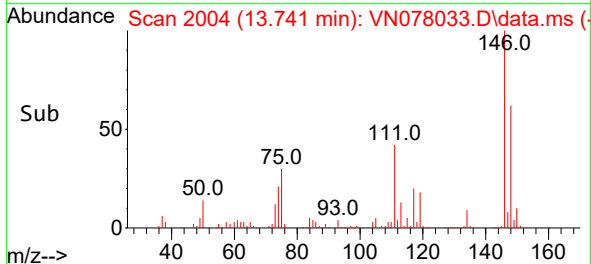
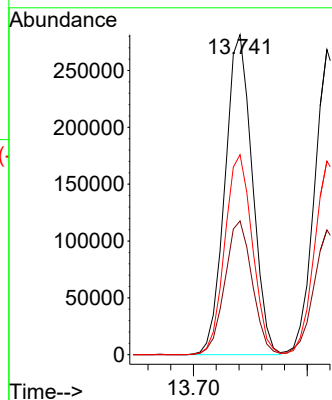
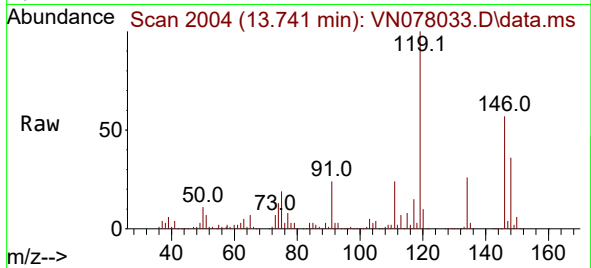




#87
1,3-Dichlorobenzene
Concen: 55.941 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

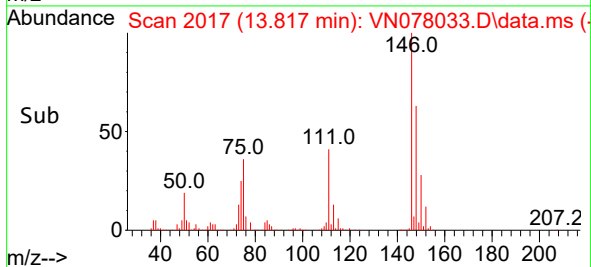
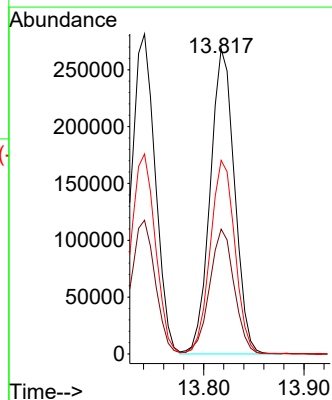
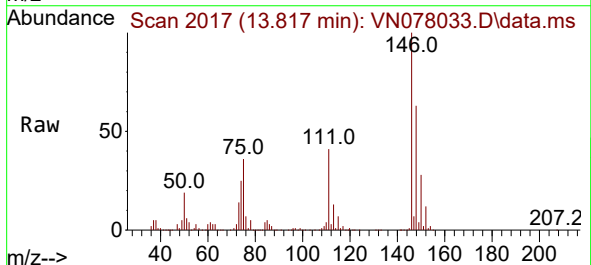
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

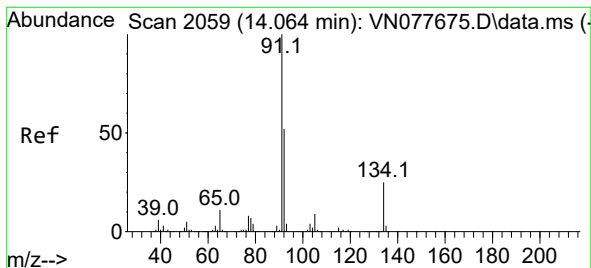
Tgt Ion:146 Resp: 470216
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 54.364 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion:146 Resp: 453454
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 45.674 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

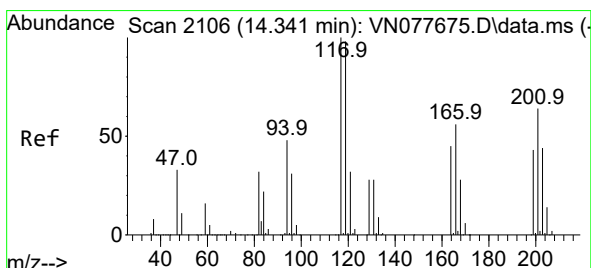
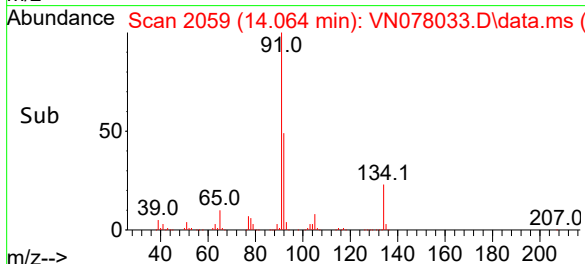
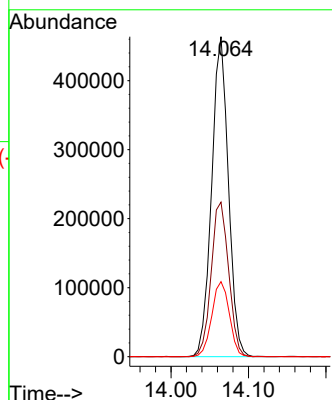
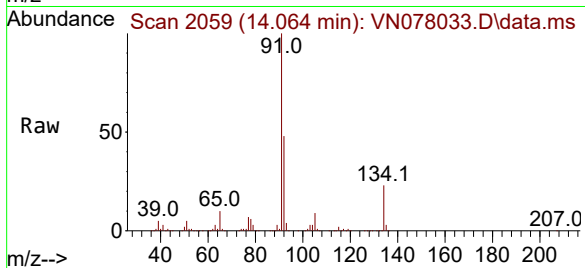
Tgt Ion: 91 Resp: 695564

Ion Ratio Lower Upper

91 100

92 50.4 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 58.225 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078033.D

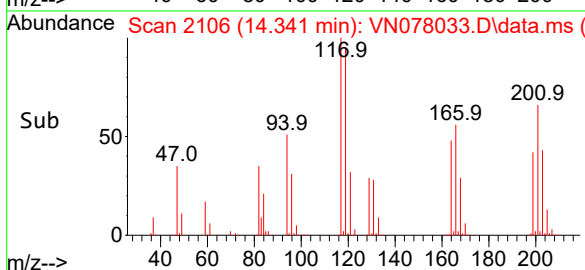
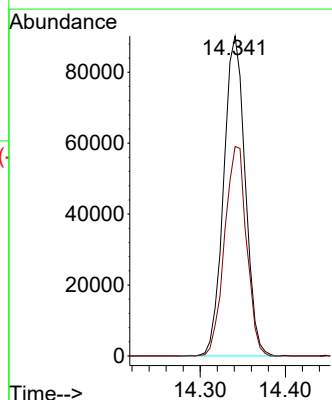
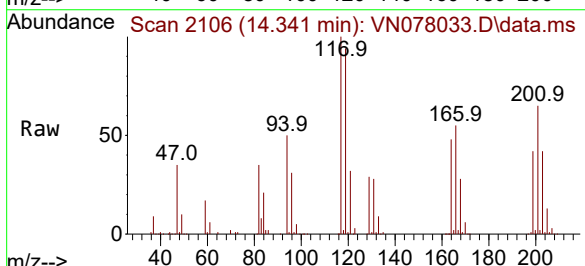
Acq: 02 Jun 2023 16:45

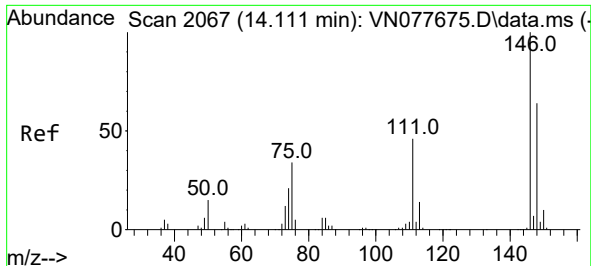
Tgt Ion: 117 Resp: 158369

Ion Ratio Lower Upper

117 100

201 66.9 29.3 88.0

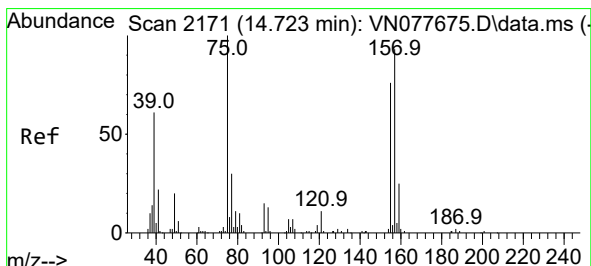
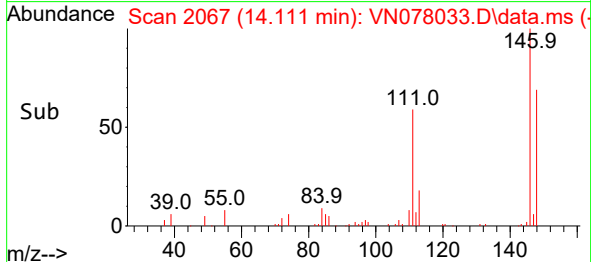
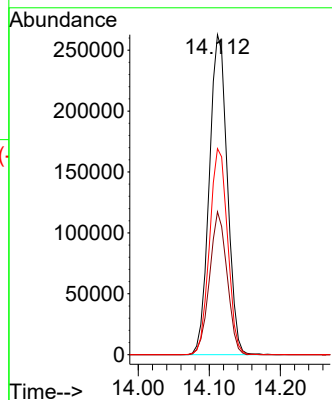
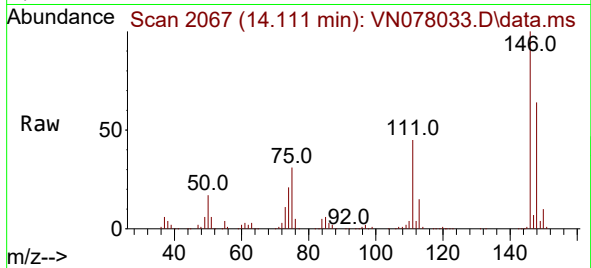




#91
1,2-Dichlorobenzene
Concen: 58.870 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

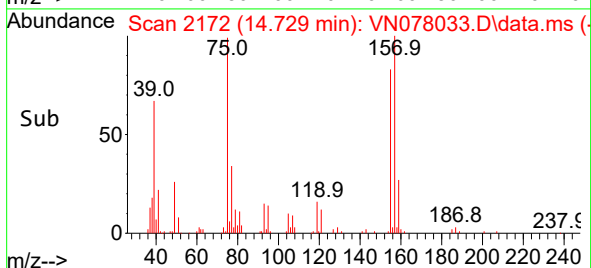
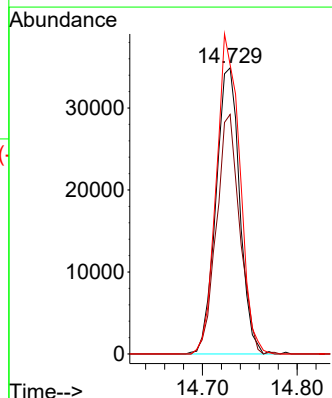
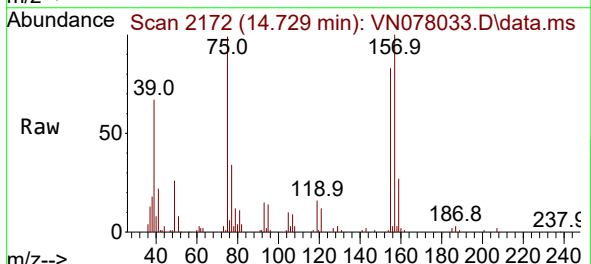
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

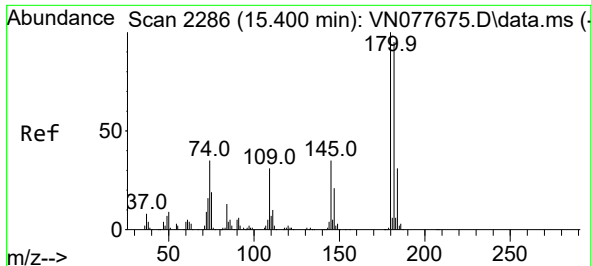
Tgt Ion:146 Resp: 462278
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.141 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078033.D
Acq: 02 Jun 2023 16:45

Tgt Ion: 75 Resp: 60665
Ion Ratio Lower Upper
75 100
155 82.7 39.1 117.2
157 110.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 39.357 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

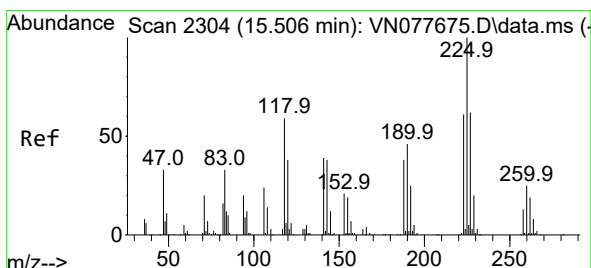
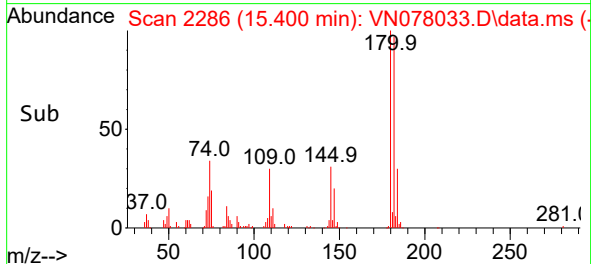
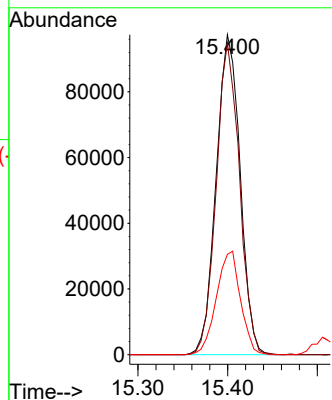
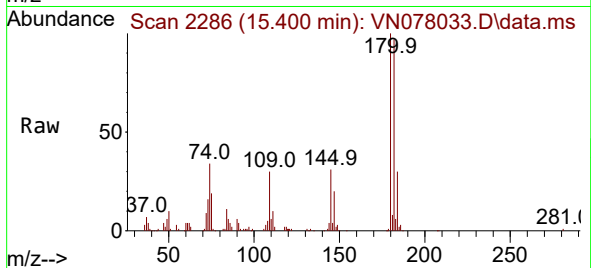
Tgt Ion:180 Resp: 180603

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 32.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 40.658 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

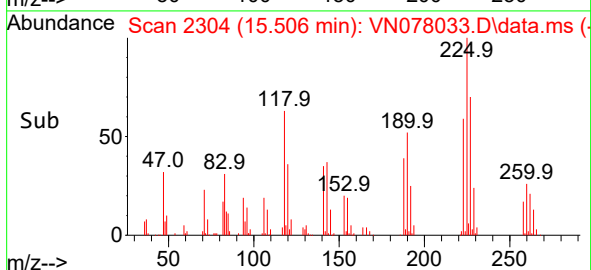
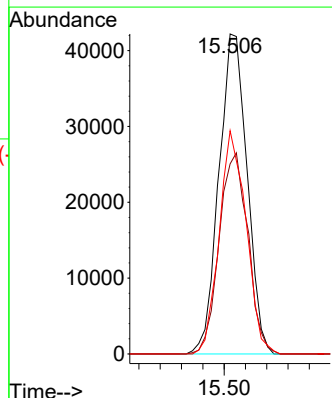
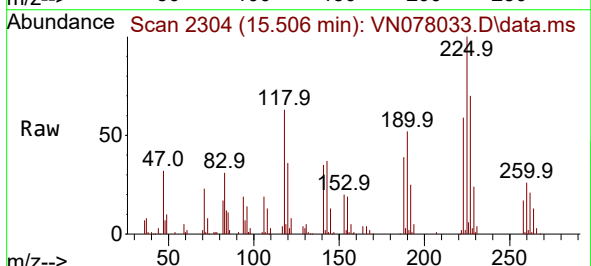
Tgt Ion:225 Resp: 77465

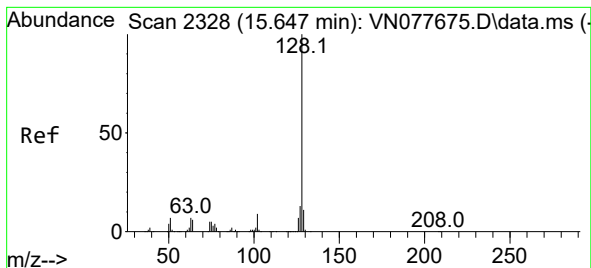
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

227 66.6 31.9 95.9





#95

Naphthalene

Concen: 37.701 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

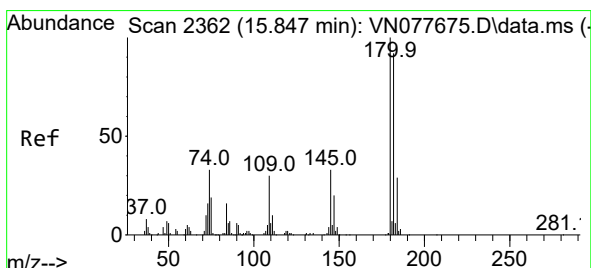
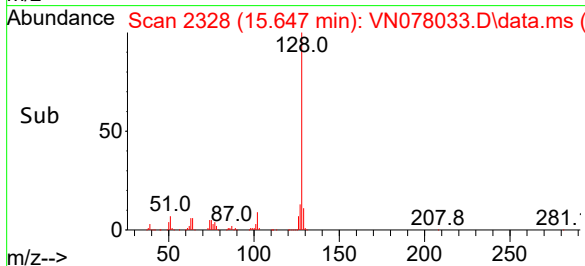
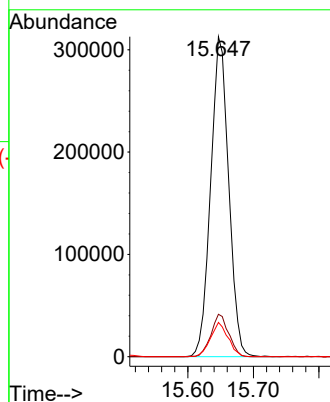
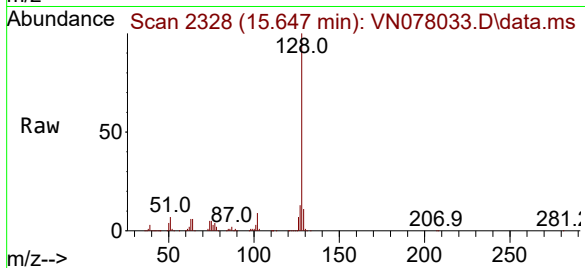
Tgt Ion:128 Resp: 595487

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.978 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN078033.D

Acq: 02 Jun 2023 16:45

Tgt Ion:180 Resp: 188602

Ion Ratio Lower Upper

180 100

182 92.1 46.2 138.6

145 34.1 17.5 52.6

