

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078569.D
 Acq On : 18 Jul 2023 18:29
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 19 01:54:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	462603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	800883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	720468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	316111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	321985	51.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.840%	
35) Dibromofluoromethane	8.177	113	280065	51.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	10.571	98	1040654	50.670	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.853	95	331741	52.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	234412	41.330	ug/l	99
3) Chloromethane	2.371	50	298977	48.498	ug/l	97
4) Vinyl Chloride	2.518	62	356470	44.700	ug/l	100
5) Bromomethane	2.942	94	230818	45.292	ug/l	99
6) Chloroethane	3.112	64	224553	46.411	ug/l	100
7) Trichlorofluoromethane	3.501	101	441322	46.295	ug/l	99
8) Diethyl Ether	3.971	74	154270	48.572	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	239155	47.392	ug/l	97
10) Methyl Iodide	4.595	142	341426	49.237	ug/l	94
11) Tert butyl alcohol	5.542	59	245896	257.128	ug/l	99
12) 1,1-Dichloroethene	4.353	96	229548	47.026	ug/l	93
13) Acrolein	4.189	56	217098	230.737	ug/l	98
14) Allyl chloride	5.030	41	297091	44.541	ug/l	92
15) Acrylonitrile	5.730	53	623440	258.019	ug/l	99
16) Acetone	4.442	43	468625	242.581	ug/l	99
17) Carbon Disulfide	4.724	76	560626	39.718	ug/l	98
18) Methyl Acetate	5.042	43	416315	50.908	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	819409	50.949	ug/l	99
20) Methylene Chloride	5.283	84	288720	52.157	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	261881	47.609	ug/l	86
22) Diisopropyl ether	6.683	45	789819	52.883	ug/l #	92
23) Vinyl Acetate	6.612	43	2462615	259.365	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	491594	48.848	ug/l	99
25) 2-Butanone	7.494	43	785678	258.365	ug/l	88
26) 2,2-Dichloropropane	7.494	77	373334	45.357	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	318311	50.023	ug/l	96
28) Bromochloromethane	7.818	49	245650	51.824	ug/l	92
29) Tetrahydrofuran	7.847	42	524241	262.728	ug/l	85
30) Chloroform	7.971	83	538672	51.413	ug/l	95
31) Cyclohexane	8.265	56	375820	44.840	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	477610	50.844	ug/l	98
36) 1,1-Dichloropropene	8.377	75	379519	48.346	ug/l	98
37) Ethyl Acetate	7.571	43	339462	51.875	ug/l #	94
38) Carbon Tetrachloride	8.371	117	426873	50.034	ug/l	99
39) Methylcyclohexane	9.606	83	343916	47.996	ug/l	91
40) Benzene	8.612	78	1163405	50.025	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	170828	51.207	ug/l	92
42) 1,2-Dichloroethane	8.677	62	400270	50.601	ug/l	97
43) Isopropyl Acetate	8.694	43	709125	65.820	ug/l #	86
44) Trichloroethene	9.359	130	297492	47.462	ug/l	95
45) 1,2-Dichloropropane	9.630	63	299008	50.764	ug/l	96
46) Dibromomethane	9.712	93	217025	52.349	ug/l	94
47) Bromodichloromethane	9.894	83	435900	52.453	ug/l	98
48) Methyl methacrylate	9.688	41	259580	52.006	ug/l	90
49) 1,4-Dioxane	9.700	88	117468	1079.152	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1739415	271.430	ug/l	94
52) Toluene	10.635	92	733107	50.862	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	438029	51.450	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	474901	52.330	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	300463	52.908	ug/l	95
56) Ethyl methacrylate	10.882	69	440133	55.443	ug/l	93
57) 1,3-Dichloropropane	11.165	76	498098	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	754161	266.575	ug/l	92
59) 2-Hexanone	11.200	43	1242603	272.831	ug/l	92
60) Dibromochloromethane	11.365	129	340207	54.264	ug/l	98
61) 1,2-Dibromoethane	11.476	107	307351	52.538	ug/l	98
64) Tetrachloroethene	11.112	164	245023	45.235	ug/l	97
65) Chlorobenzene	11.894	112	789704	49.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	317327	51.221	ug/l	98
67) Ethyl Benzene	11.971	91	1404091	51.581	ug/l	97
68) m/p-Xylenes	12.076	106	1064109	105.728	ug/l	98
69) o-Xylene	12.406	106	527690	51.909	ug/l	98
70) Styrene	12.418	104	864309	54.346	ug/l	98
71) Bromoform	12.582	173	227082	54.122	ug/l #	98
73) Isopropylbenzene	12.700	105	1301821	43.828	ug/l	98
74) N-amyl acetate	12.500	43	462514	45.184	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	427702	51.656	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	505598	66.171	ug/l	70
77) Bromobenzene	12.988	156	315917	48.873	ug/l	95
78) n-propylbenzene	13.041	91	1458476	45.913	ug/l	100
79) 2-Chlorotoluene	13.129	91	918524	44.145	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1073765	45.752	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	125089	43.021	ug/l	94
82) 4-Chlorotoluene	13.229	91	875342	45.097	ug/l	97
83) tert-Butylbenzene	13.441	119	910729	45.707	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1062050	46.589	ug/l	98
85) sec-Butylbenzene	13.623	105	1158665	46.005	ug/l	99
86) p-Isopropyltoluene	13.735	119	951568	47.053	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	520880	45.680	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	511249	44.512	ug/l	98
89) n-Butylbenzene	14.059	91	716434	49.512	ug/l	97
90) Hexachloroethane	14.341	117	187571	50.470	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	512037	45.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66887	46.919	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	161672	44.640	ug/l	98
94) Hexachlorobutadiene	15.506	225	92985	49.596	ug/l	98
95) Naphthalene	15.647	128	476777	38.507	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	178669	42.904	ug/l	97

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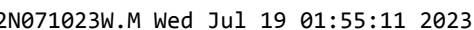
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

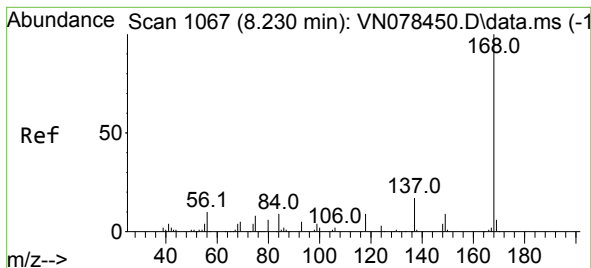
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

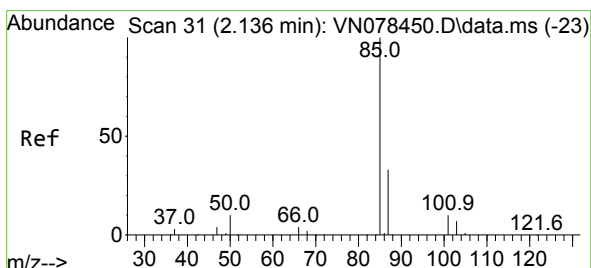
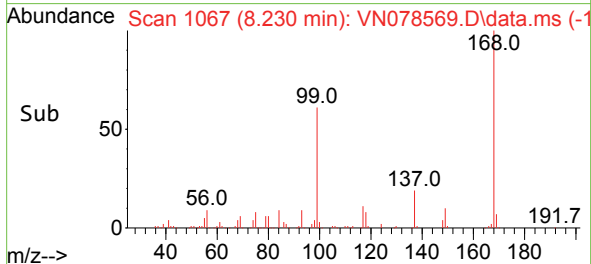
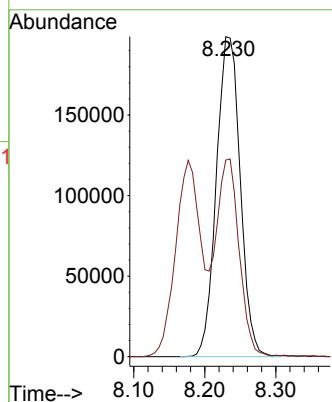
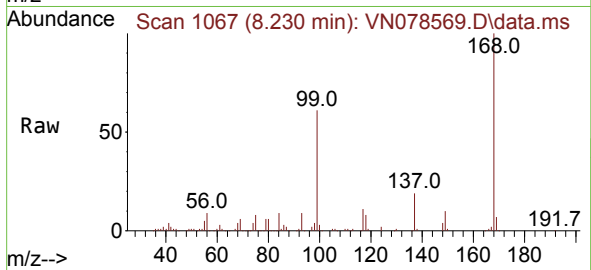
VSTDCCC050EC

Tgt Ion:168 Resp: 462603

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 41.330 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078569.D

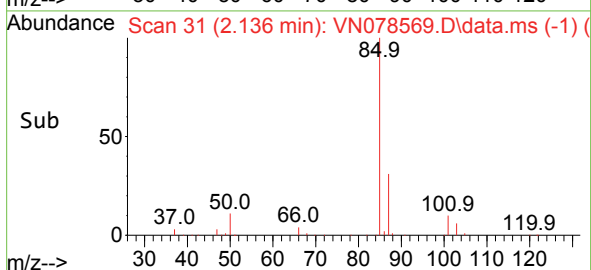
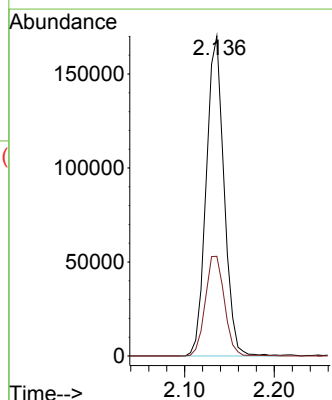
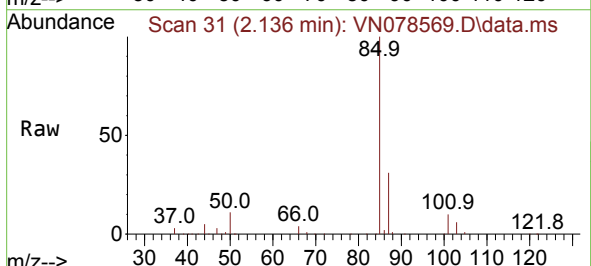
Acq: 18 Jul 2023 18:29

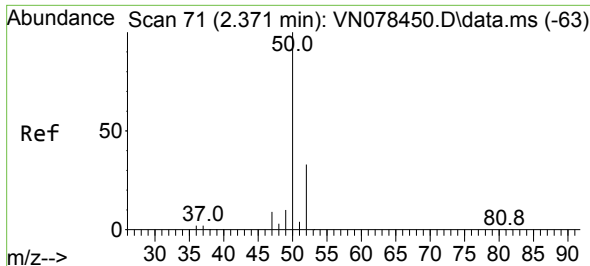
Tgt Ion: 85 Resp: 234412

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4

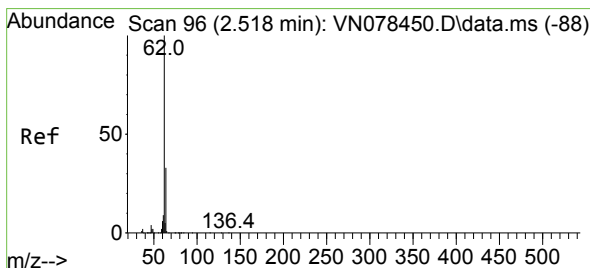
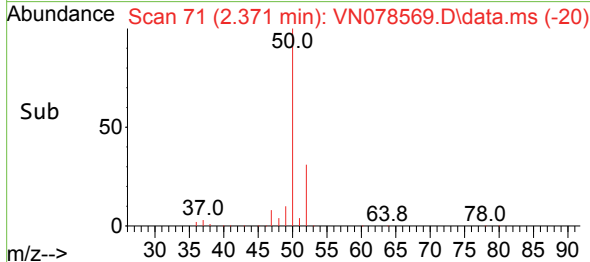
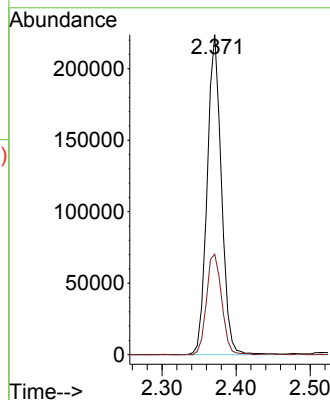
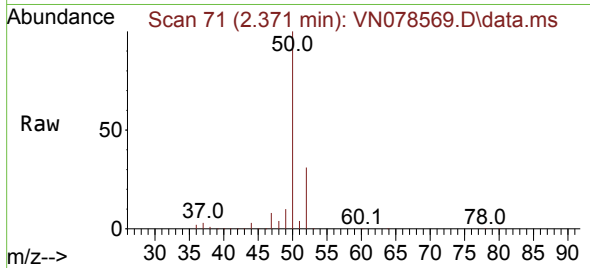




#3
Chloromethane
Concen: 48.498 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

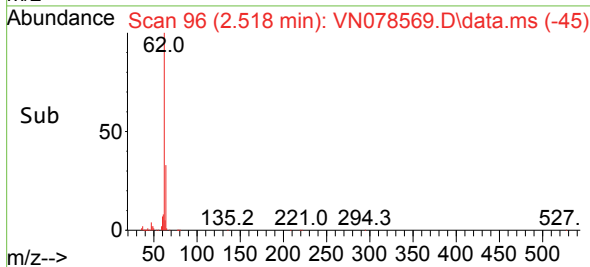
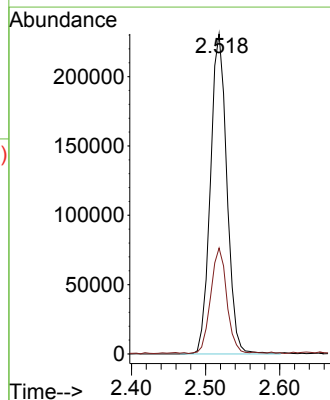
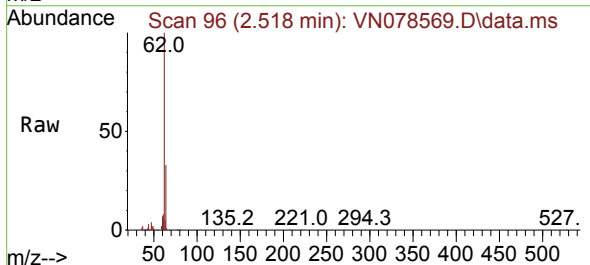
Instrument :
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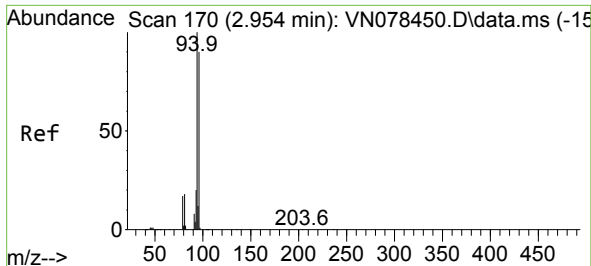
Tgt Ion: 50 Resp: 298977
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7



#4
Vinyl Chloride
Concen: 44.700 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 62 Resp: 356470
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

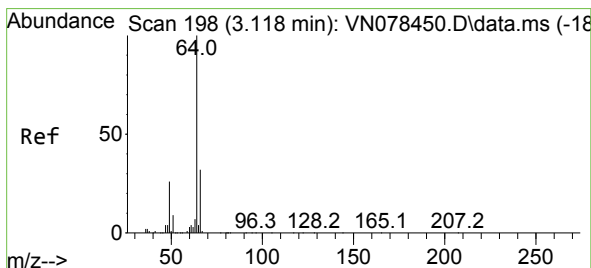
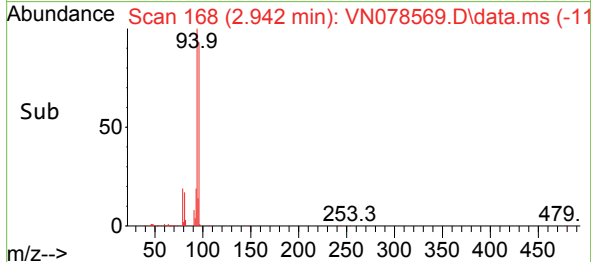
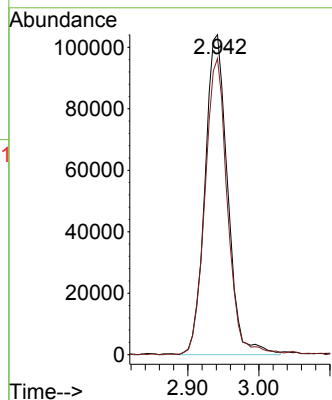
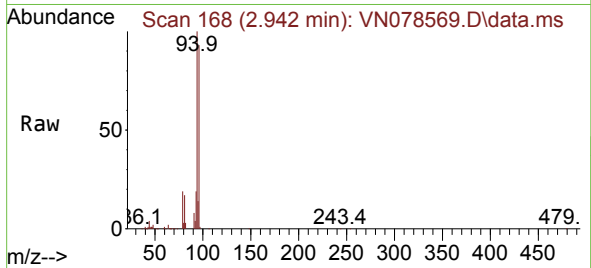




#5
Bromomethane
Concen: 45.292 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

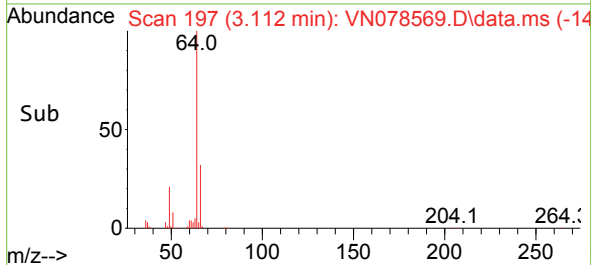
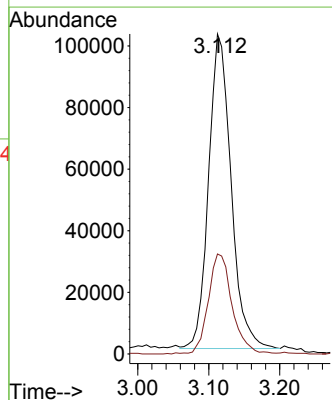
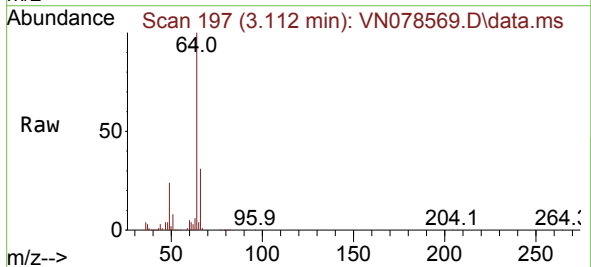
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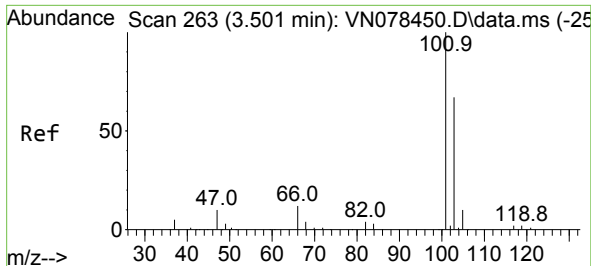
Tgt Ion: 94 Resp: 230818
Ion Ratio Lower Upper
94 100
96 92.3 73.1 109.7



#6
Chloroethane
Concen: 46.411 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 64 Resp: 224553
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

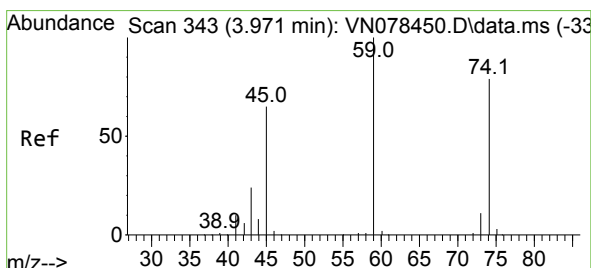
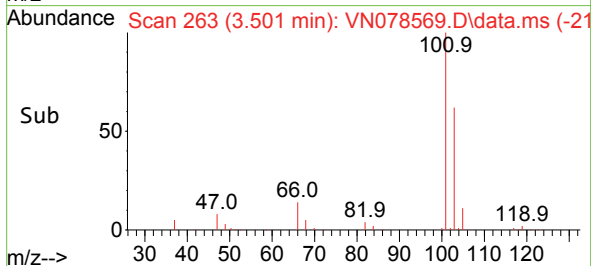
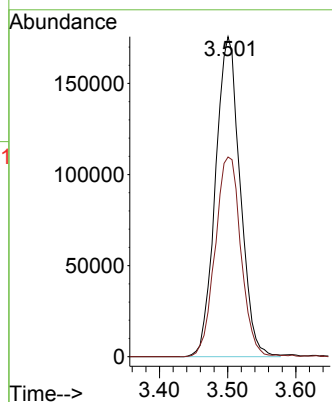
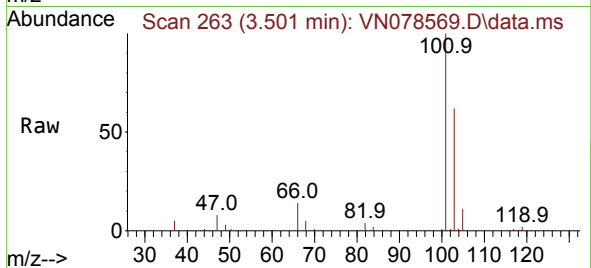




#7
Trichlorofluoromethane
Concen: 46.295 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

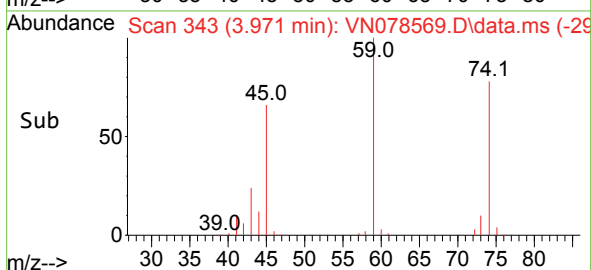
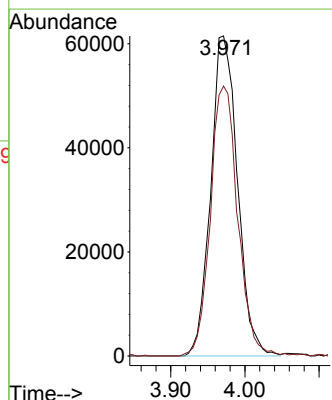
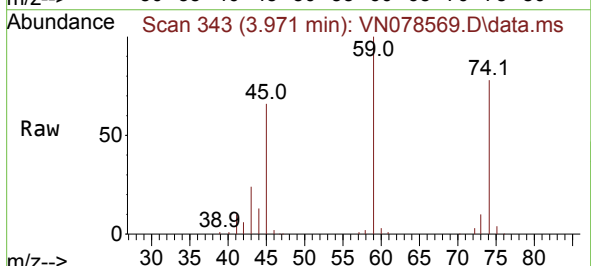
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

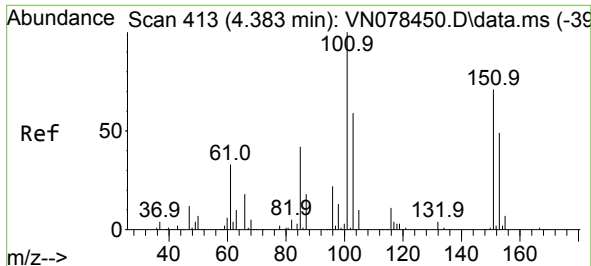
Tgt Ion:101 Resp: 441322
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1



#8
Diethyl Ether
Concen: 48.572 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 74 Resp: 154270
Ion Ratio Lower Upper
74 100
45 86.3 34.4 103.3

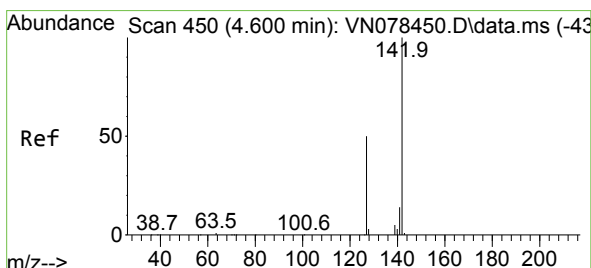
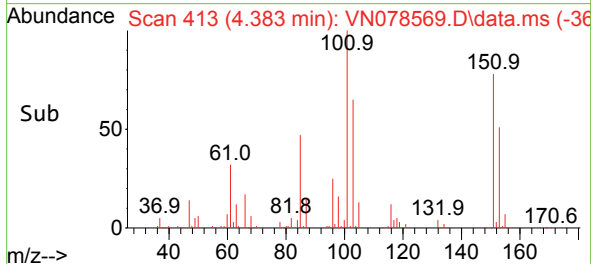
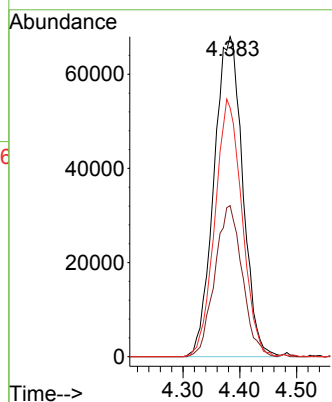
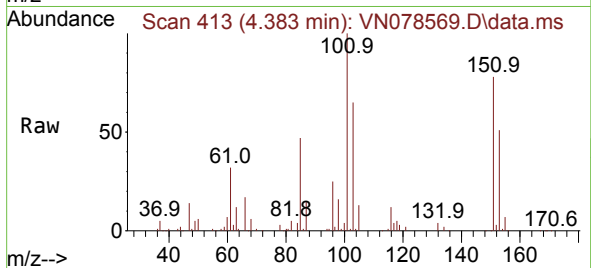




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.392 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

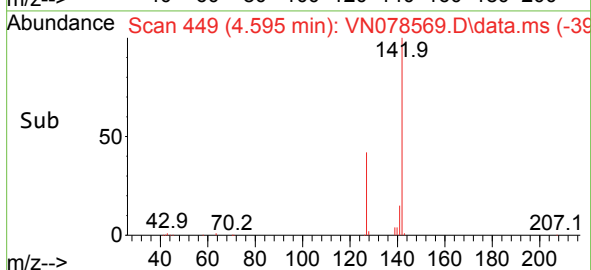
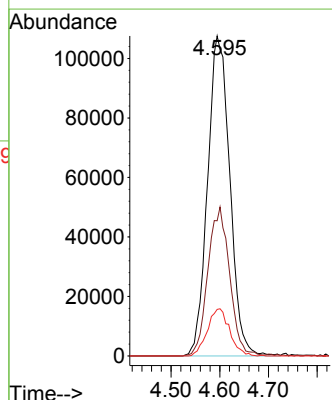
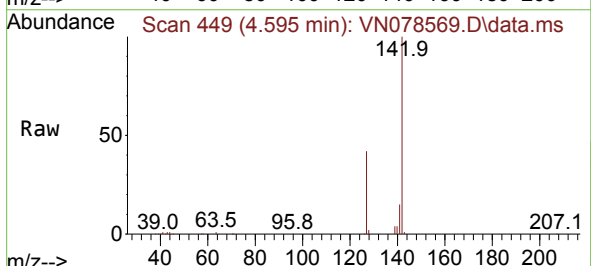
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

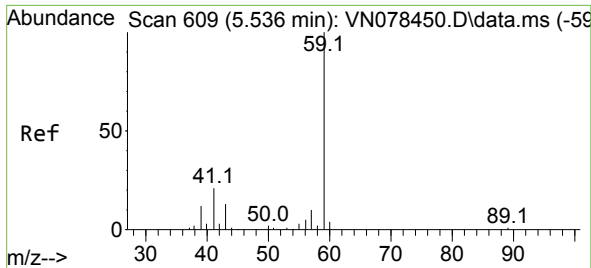
Tgt Ion:101 Resp: 239155
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 75.8 57.6 86.4



#10
Methyl Iodide
Concen: 49.237 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:142 Resp: 341426
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 14.5 11.4 17.0

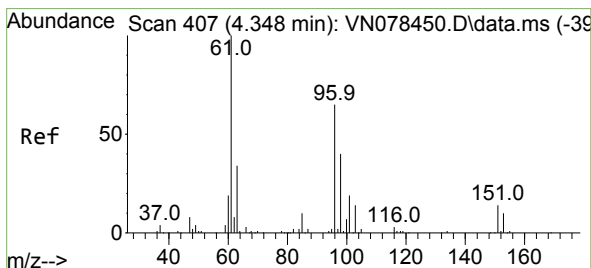
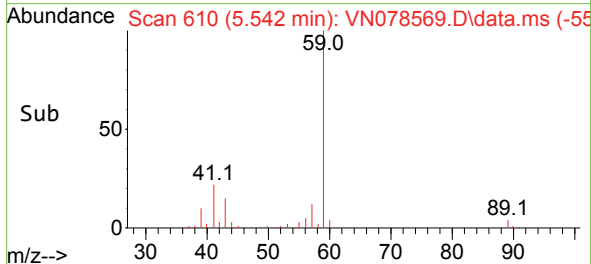
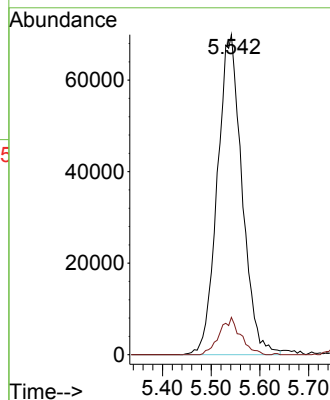
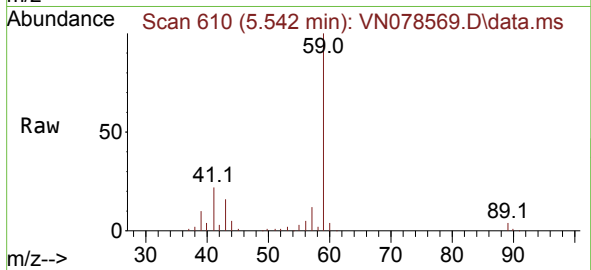




#11
Tert butyl alcohol
Concen: 257.128 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

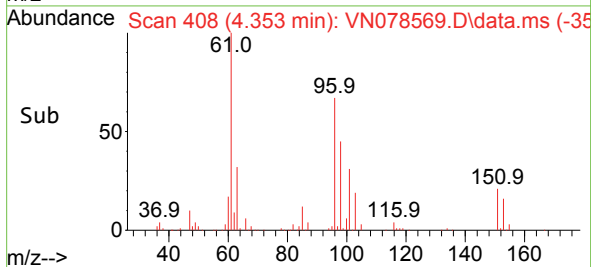
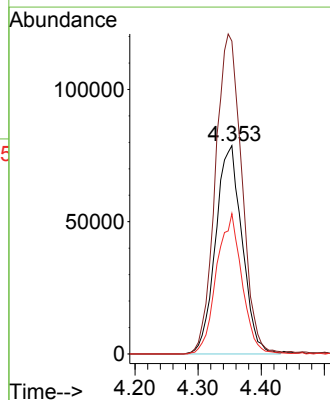
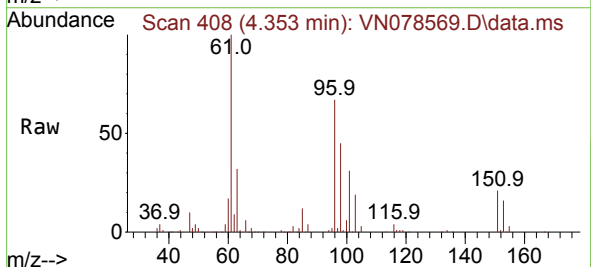
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

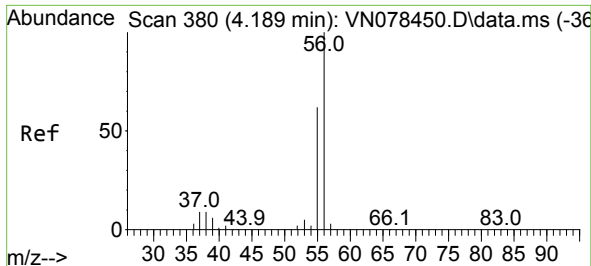
Tgt Ion: 59 Resp: 245896
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.026 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 96 Resp: 229548
Ion Ratio Lower Upper
96 100
61 150.1 112.7 169.1
98 67.3 51.2 76.8

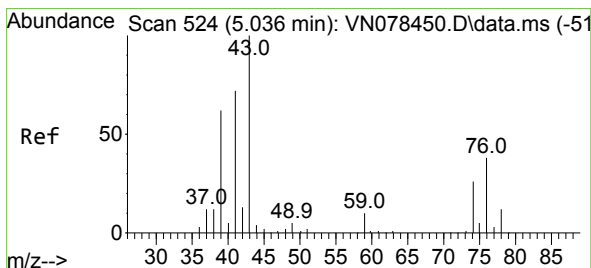
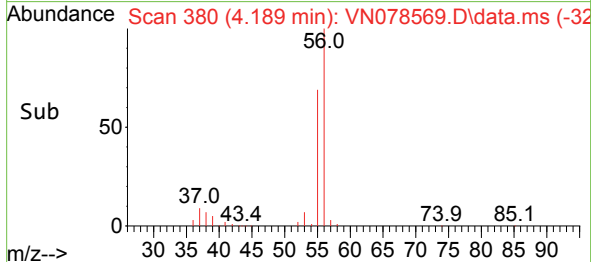
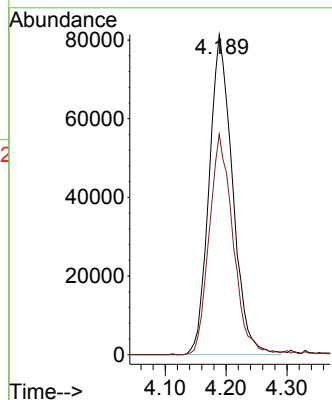
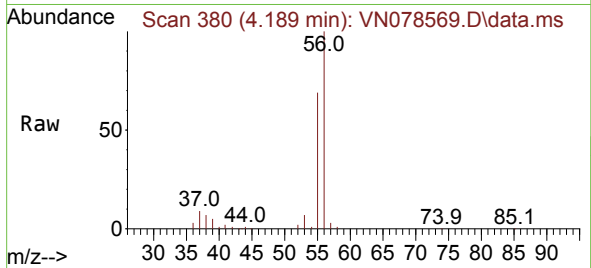




#13
Acrolein
Concen: 230.737 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

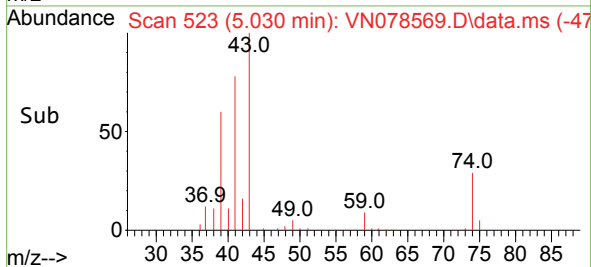
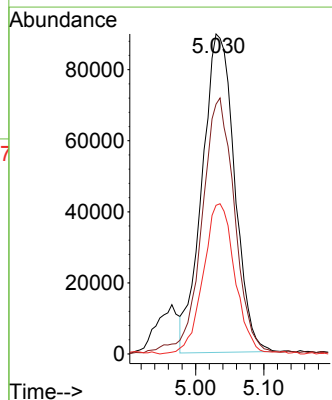
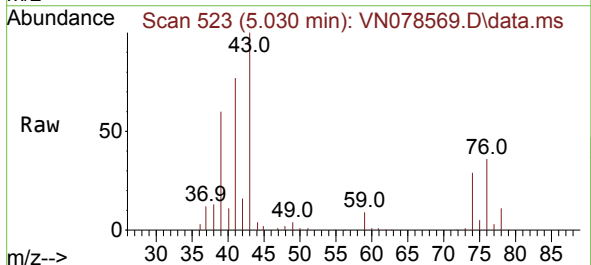
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

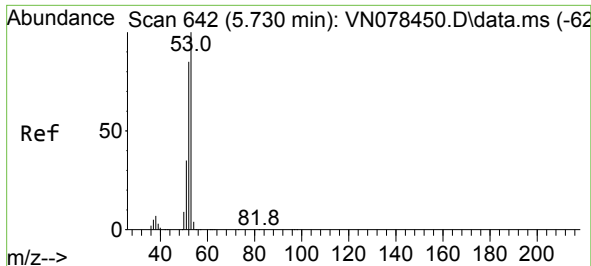
Tgt Ion: 56 Resp: 217098
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7



#14
Allyl chloride
Concen: 44.541 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 41 Resp: 297091
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 46.0 39.1 58.7

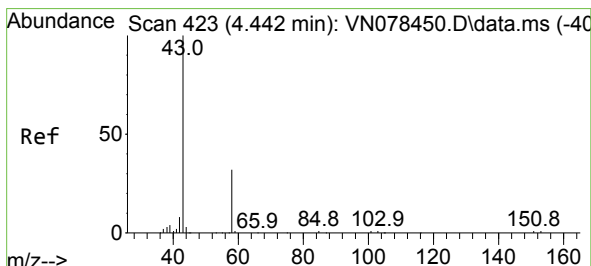
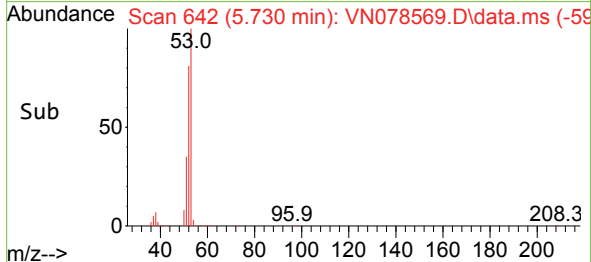
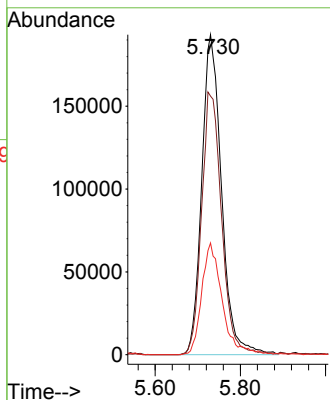
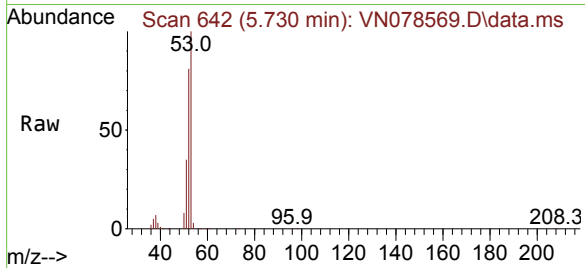




#15
Acrylonitrile
Concen: 258.019 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

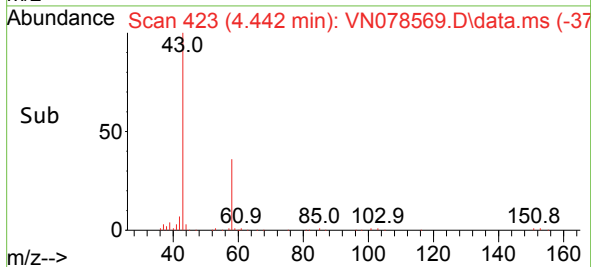
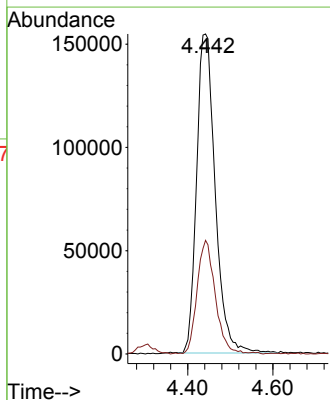
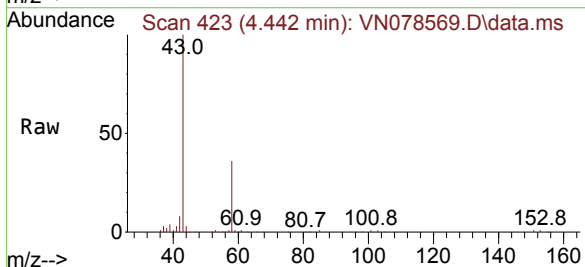
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

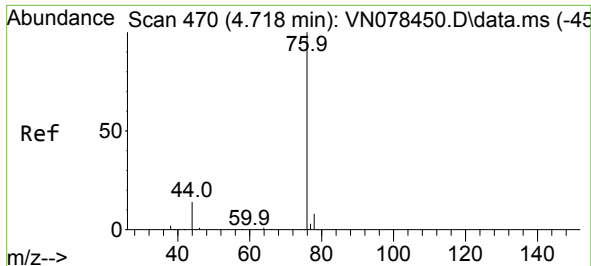
Tgt Ion: 53 Resp: 623440
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 242.581 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 43 Resp: 468625
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

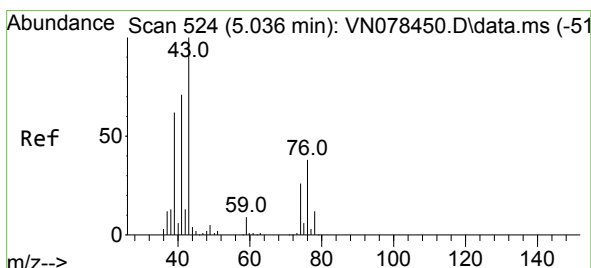
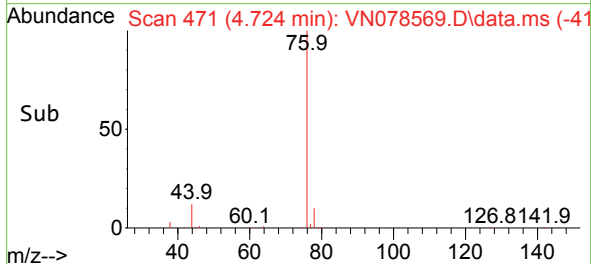
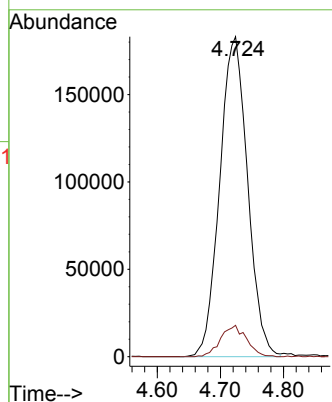
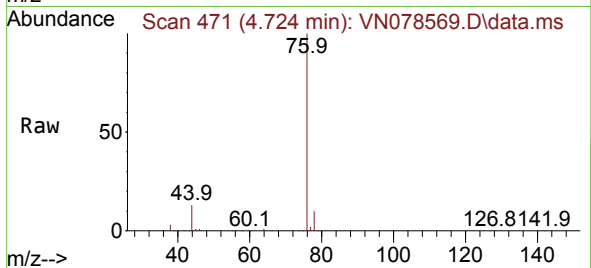




#17
Carbon Disulfide
Concen: 39.718 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

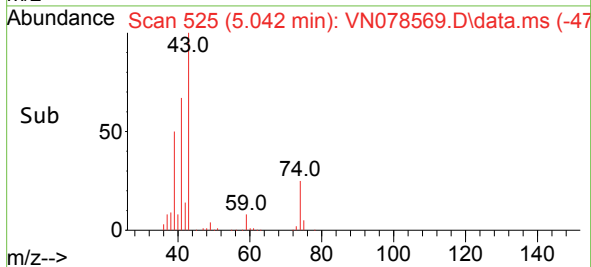
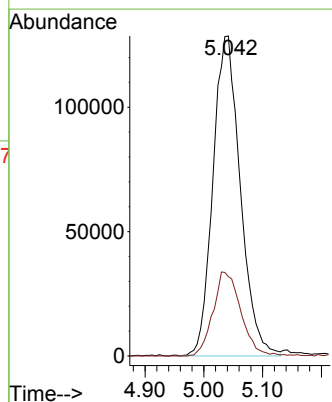
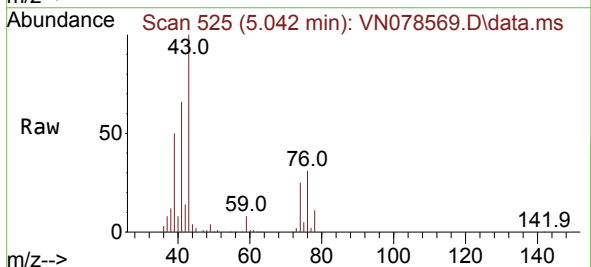
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

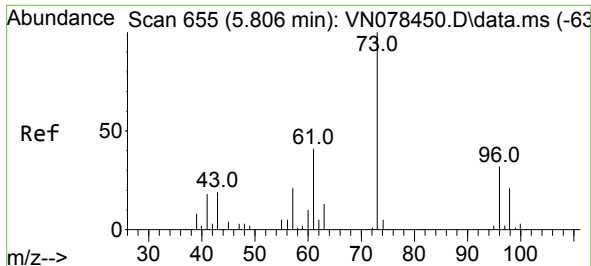
Tgt Ion: 76 Resp: 560626
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 50.908 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 43 Resp: 416315
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

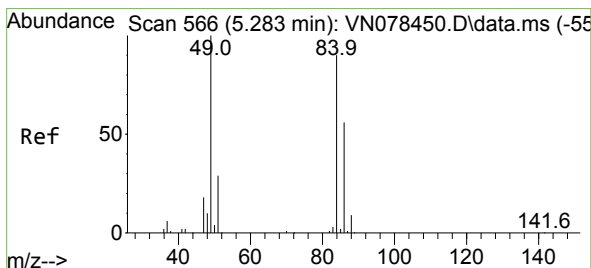
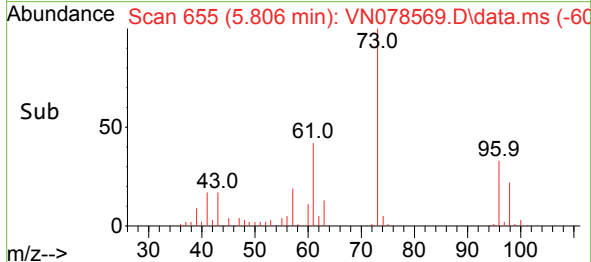
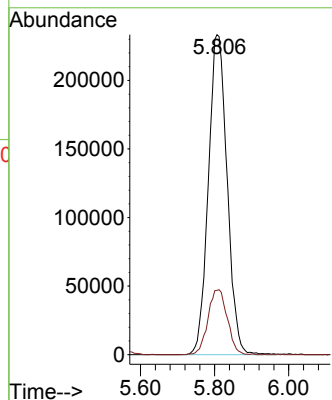
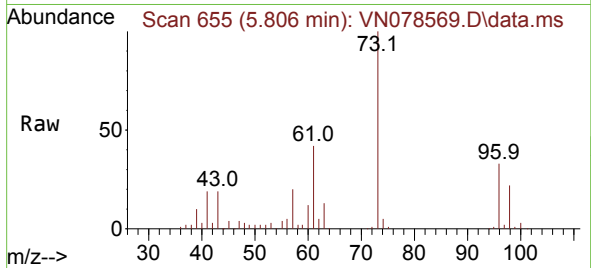




#19
Methyl tert-butyl Ether
Concen: 50.949 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

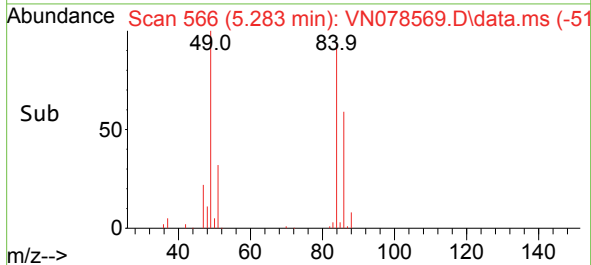
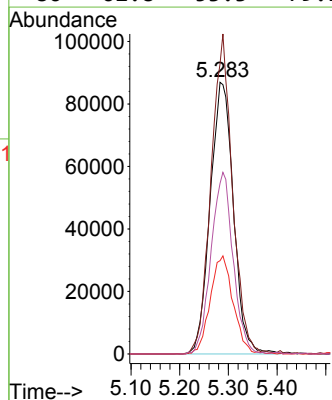
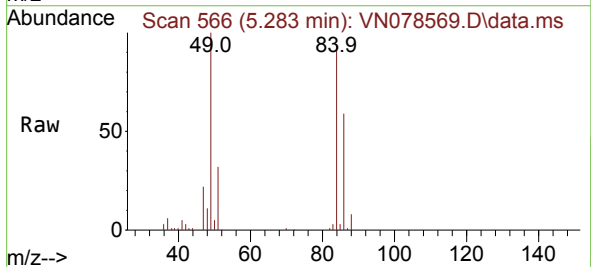
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

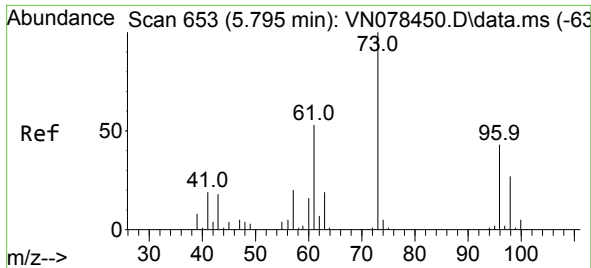
Tgt Ion: 73 Resp: 819409
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 52.157 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 84 Resp: 288720
Ion Ratio Lower Upper
84 100
49 106.8 79.7 119.5
51 34.3 25.2 37.8
86 62.8 53.3 79.9

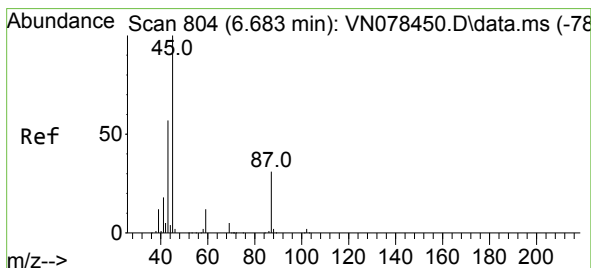
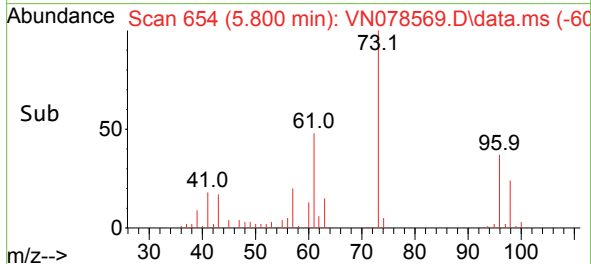
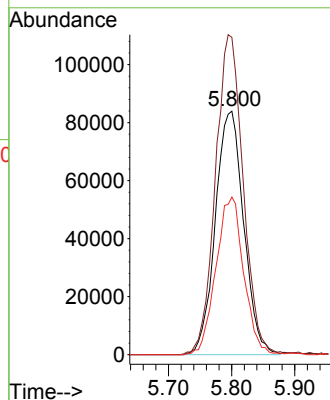
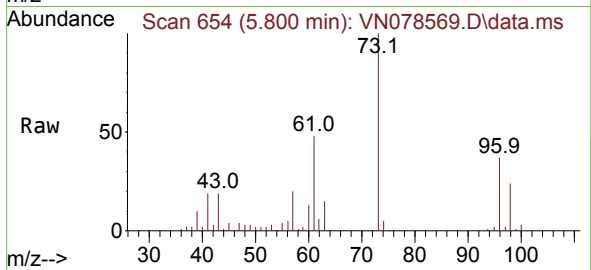




#21
trans-1,2-Dichloroethene
Concen: 47.609 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

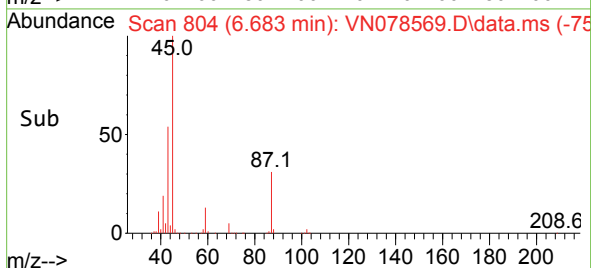
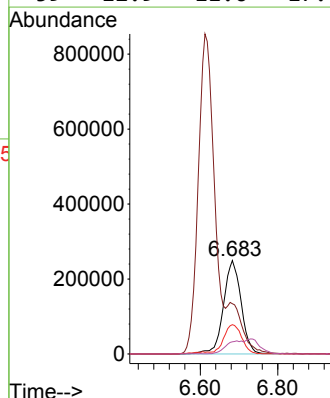
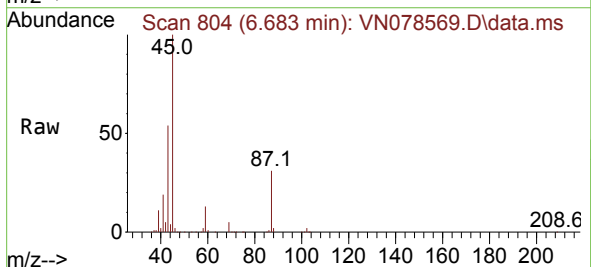
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

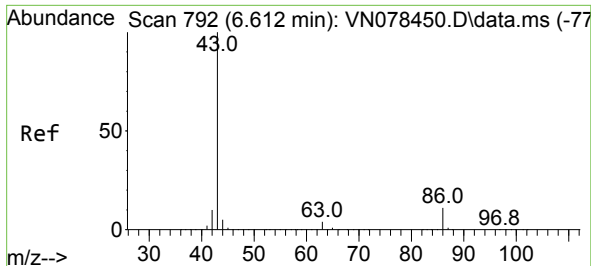
Tgt Ion: 96 Resp: 261881
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 64.7 46.4 69.6



#22
Diisopropyl ether
Concen: 52.883 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 45 Resp: 789819
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 31.3 31.8 47.8#
59 12.9 11.6 17.4

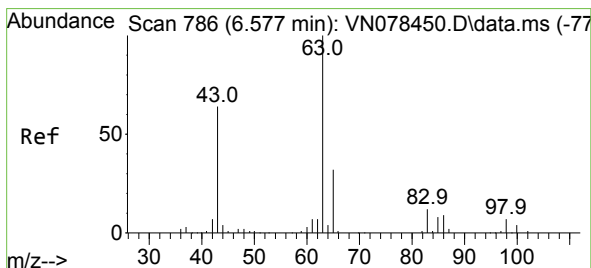
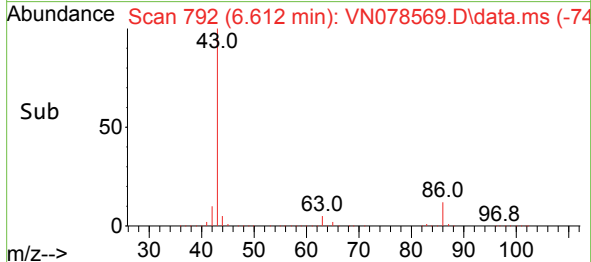
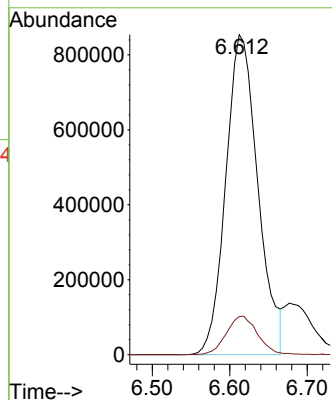
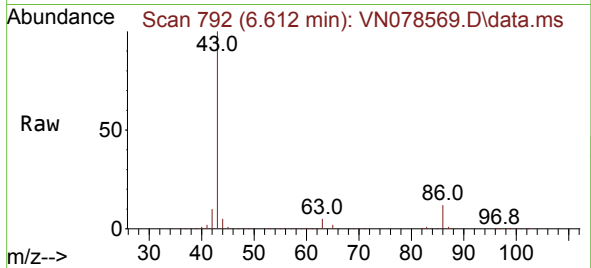




#23
 Vinyl Acetate
 Concen: 259.365 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

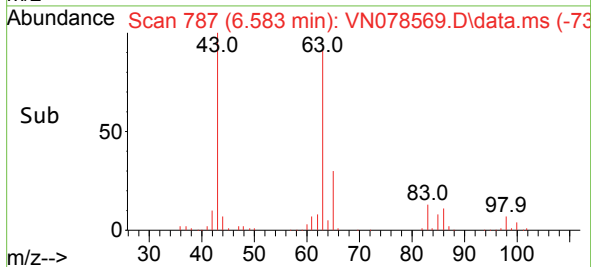
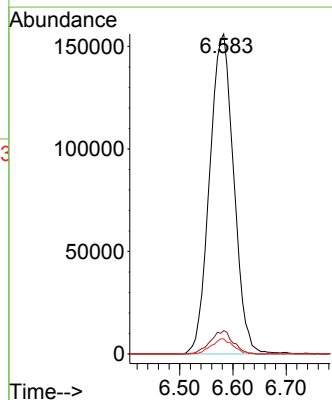
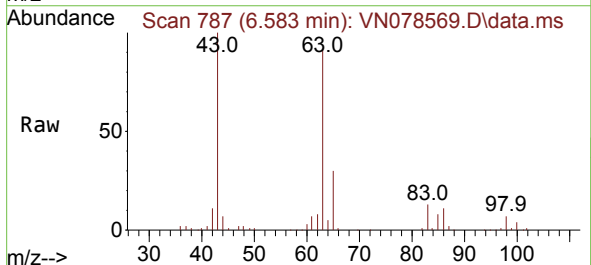
Instrument :
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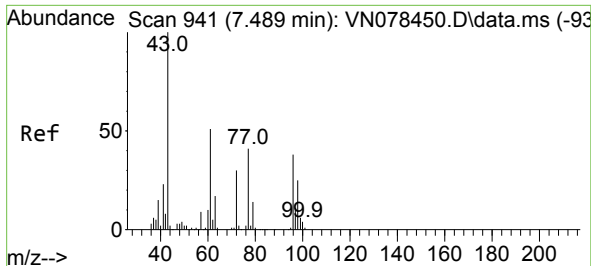
Tgt Ion: 43 Resp: 2462615
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.848 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion: 63 Resp: 491594
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.7 2.5 7.4

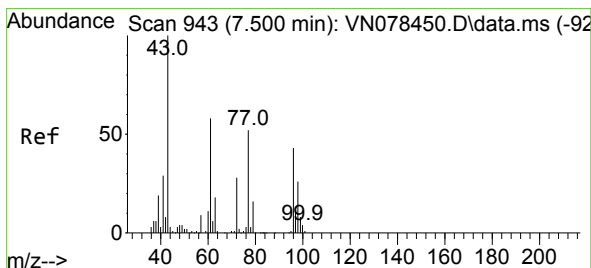
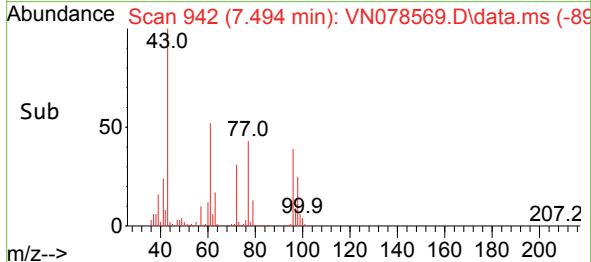
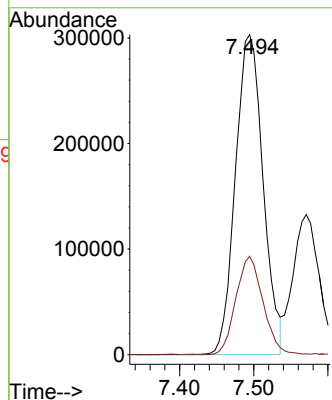
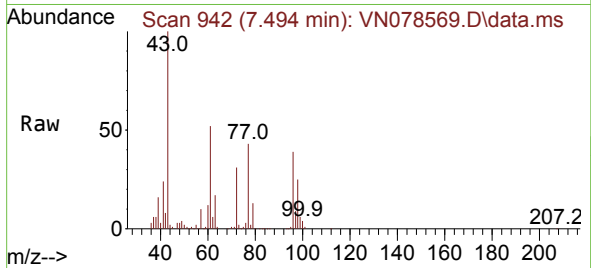




#25
2-Butanone
Concen: 258.365 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

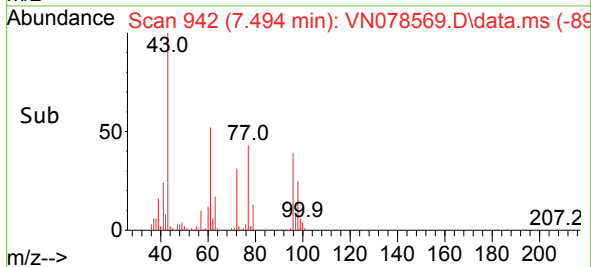
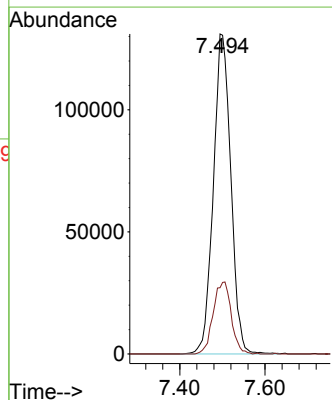
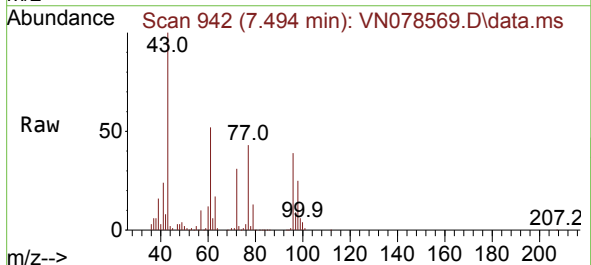
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

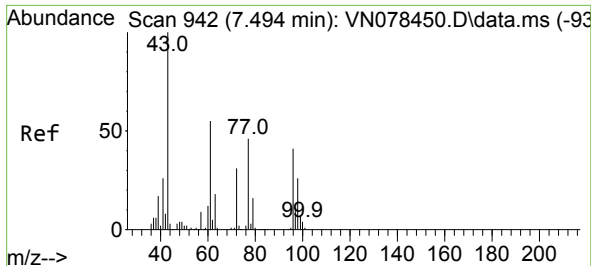
Tgt Ion: 43 Resp: 785678
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 45.357 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 77 Resp: 373334
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6

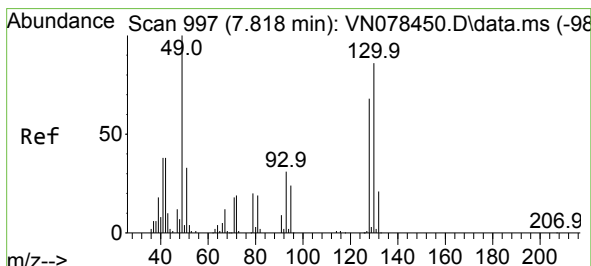
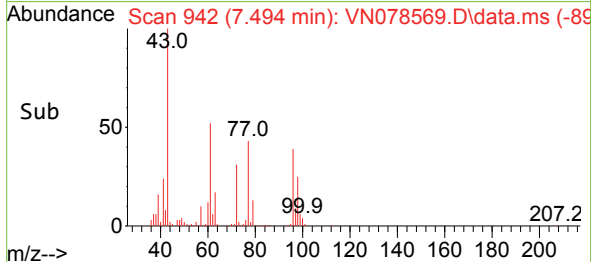
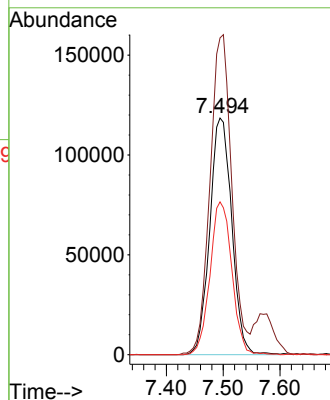
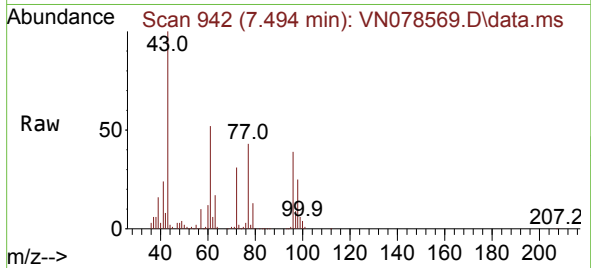




#27
 cis-1,2-Dichloroethene
 Concen: 50.023 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

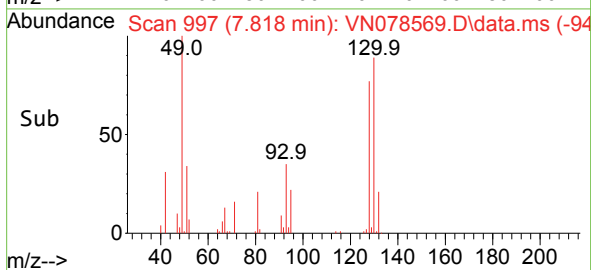
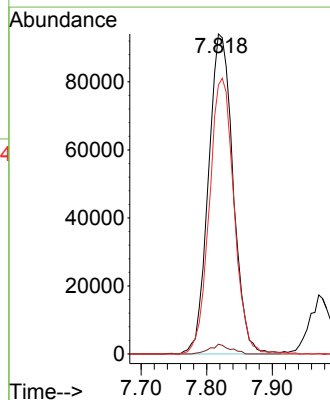
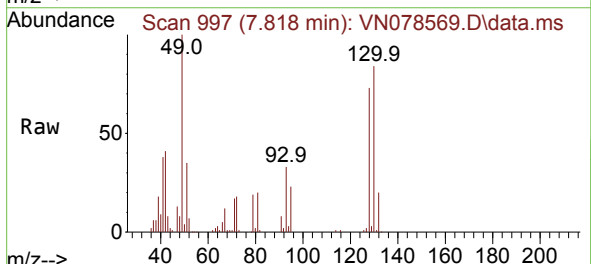
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

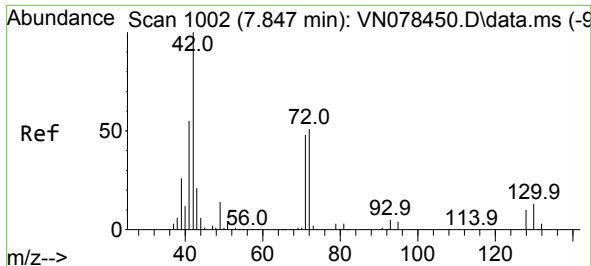
Tgt Ion: 96 Resp: 318311
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.824 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion: 49 Resp: 245650
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 86.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 262.728 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

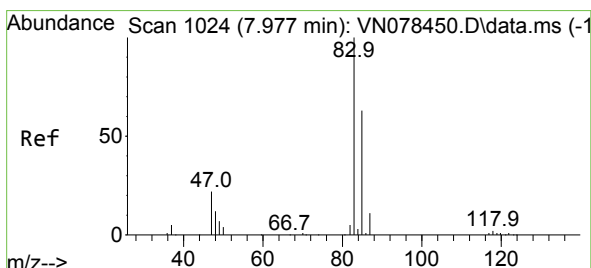
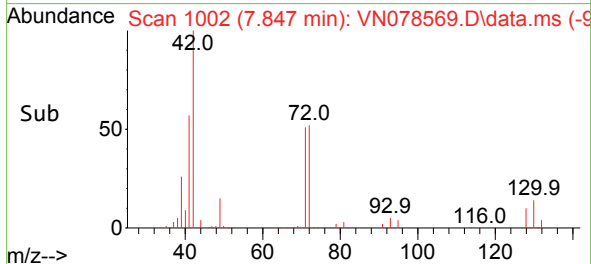
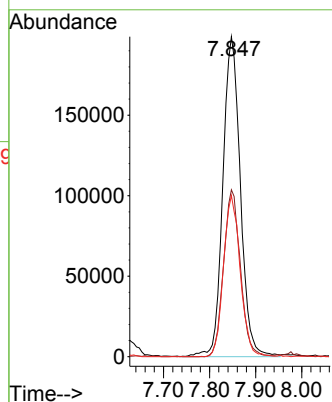
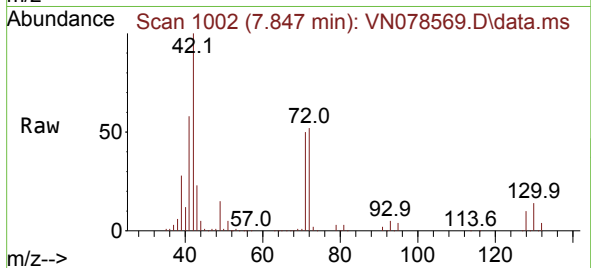
Tgt Ion: 42 Resp: 524241

Ion Ratio Lower Upper

42 100

72 50.0 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 51.413 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078569.D

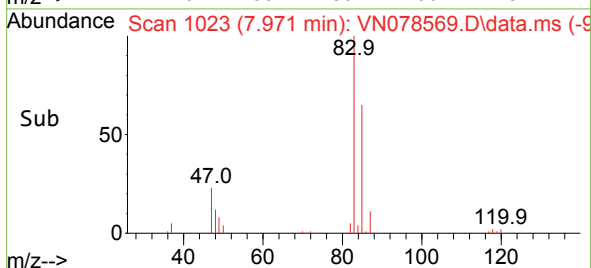
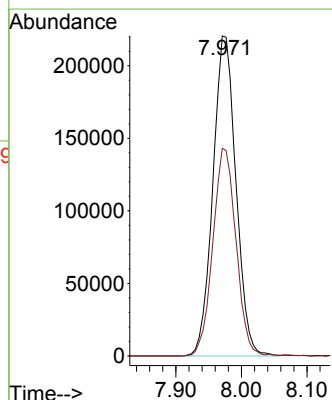
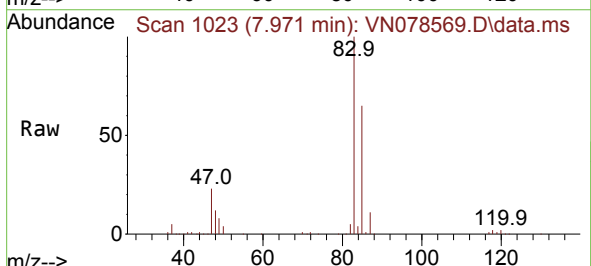
Acq: 18 Jul 2023 18:29

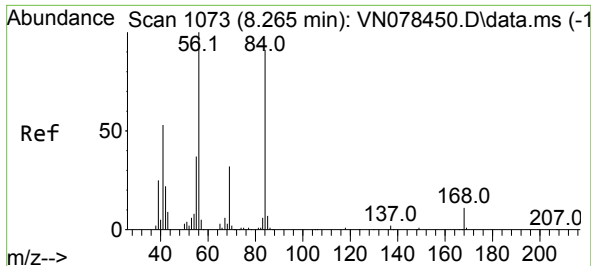
Tgt Ion: 83 Resp: 538672

Ion Ratio Lower Upper

83 100

85 64.9 55.4 83.0

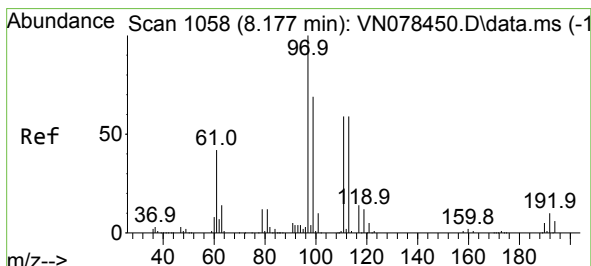
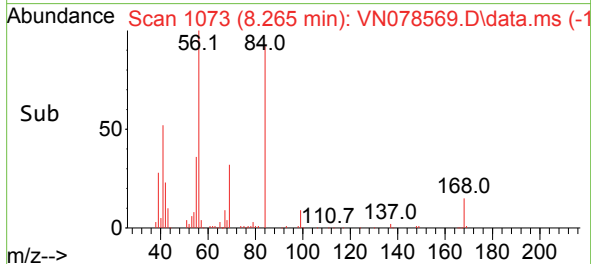
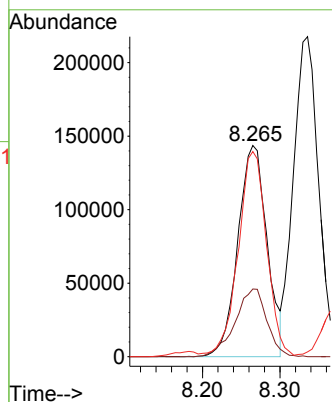
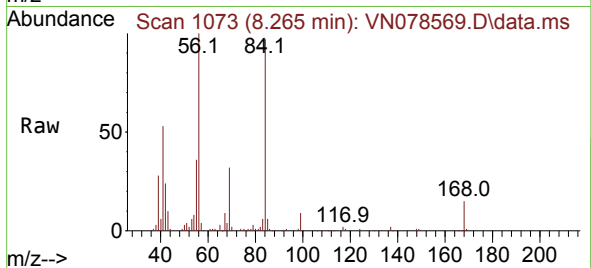




#31
Cyclohexane
Concen: 44.840 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

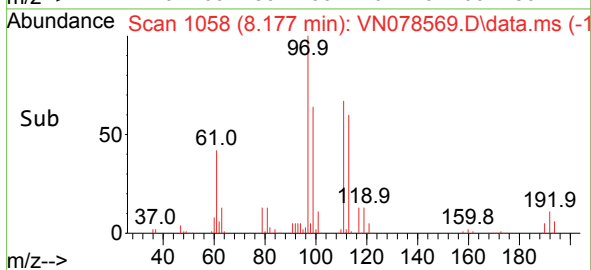
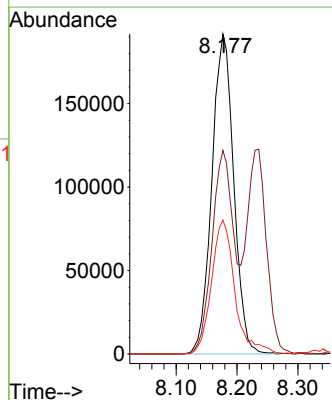
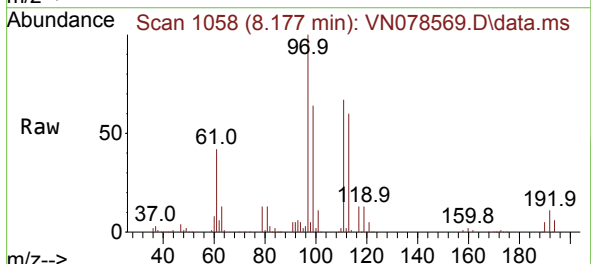
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

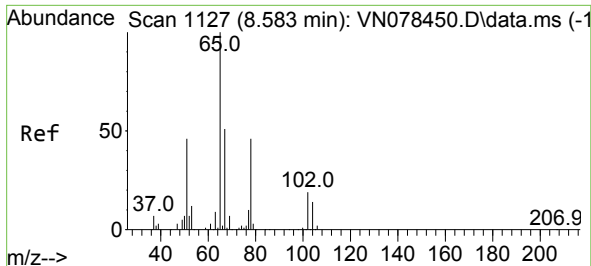
Tgt Ion: 56 Resp: 375820
Ion Ratio Lower Upper
56 100
69 32.1 26.8 40.2
84 95.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 50.844 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 97 Resp: 477610
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

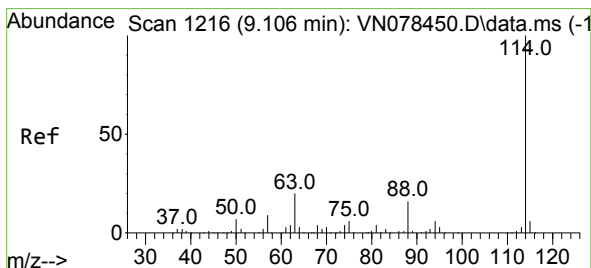
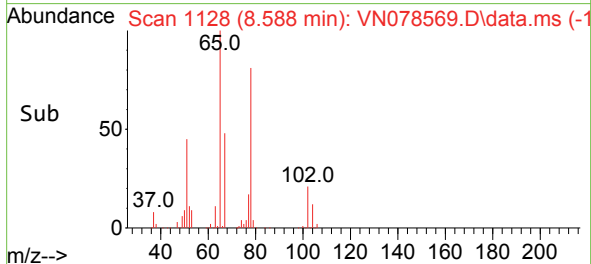
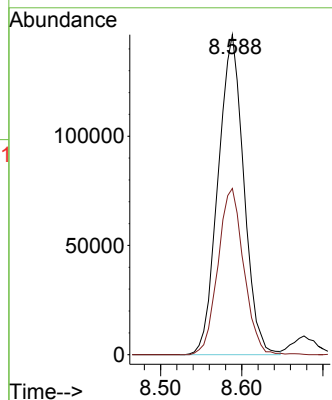
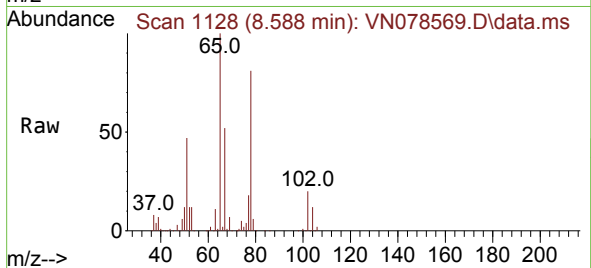
VSTDCCC050EC

Tgt Ion: 65 Resp: 321985

Ion Ratio Lower Upper

65 100

67 52.1 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: VN078569.D

Acq: 18 Jul 2023 18:29

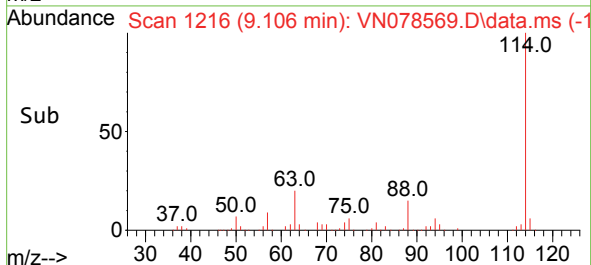
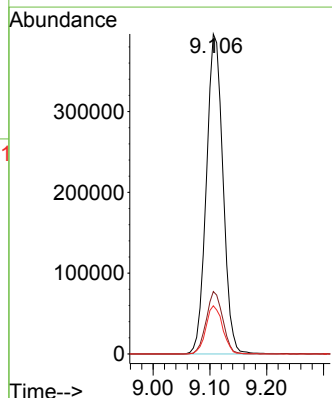
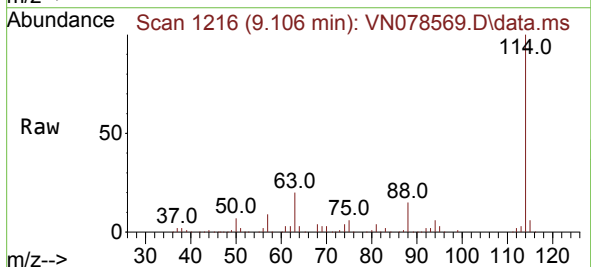
Tgt Ion: 114 Resp: 800883

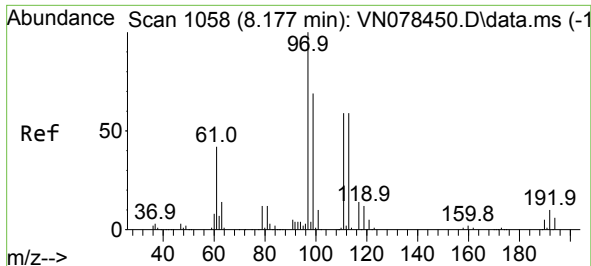
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.1 0.0 30.6

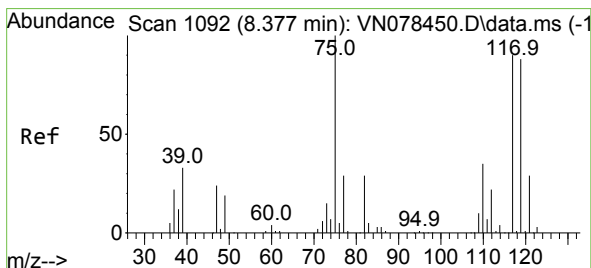
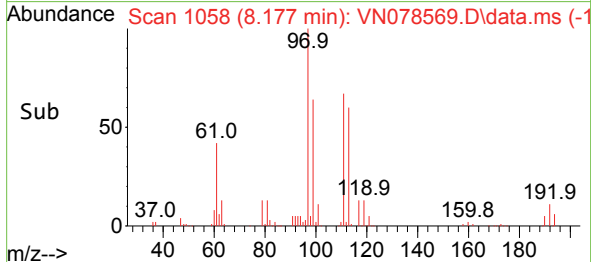
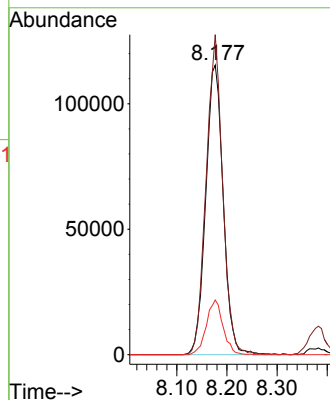
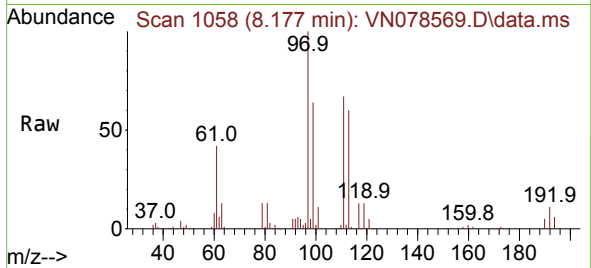




#35
Dibromofluoromethane
Concen: 51.514 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

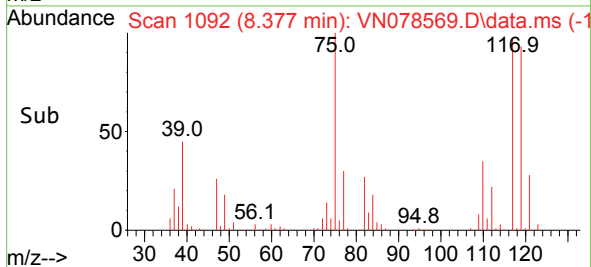
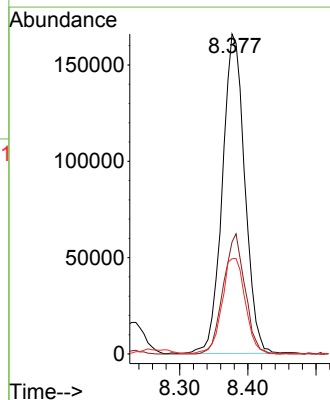
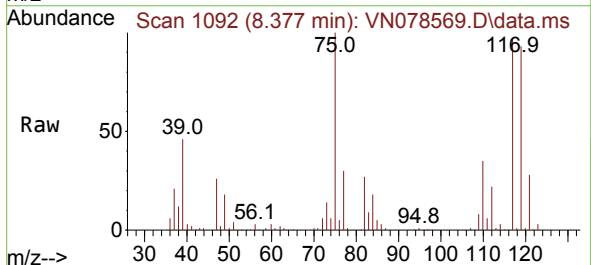
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

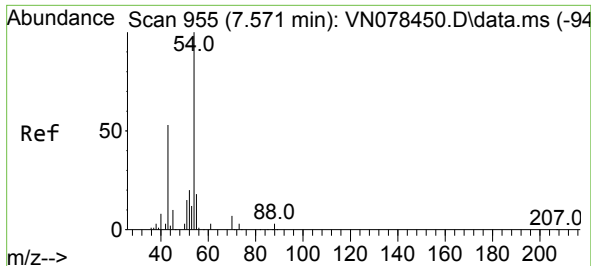
Tgt Ion:113 Resp: 280065
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.346 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 75 Resp: 379519
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.2 25.0 37.4

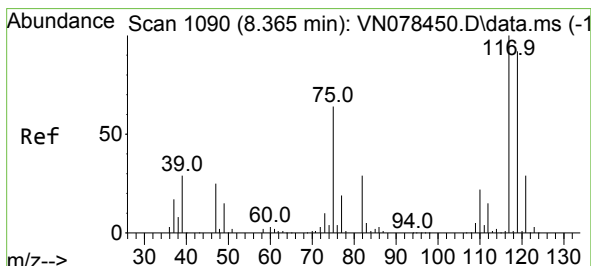
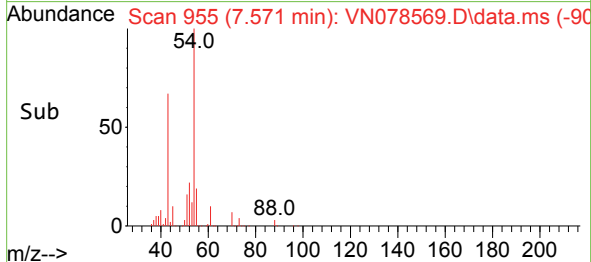
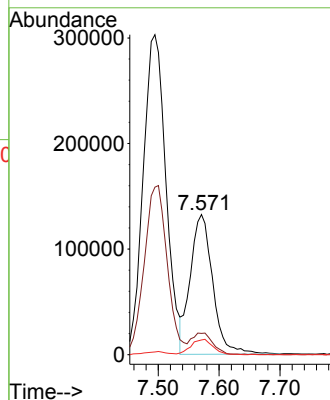
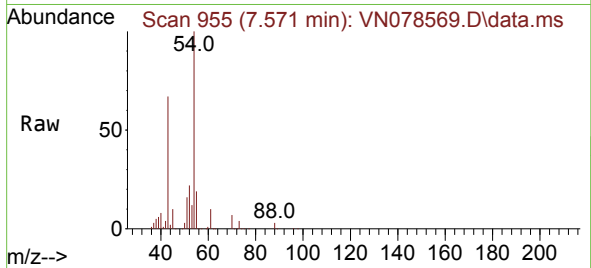




#37
Ethyl Acetate
Concen: 51.875 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

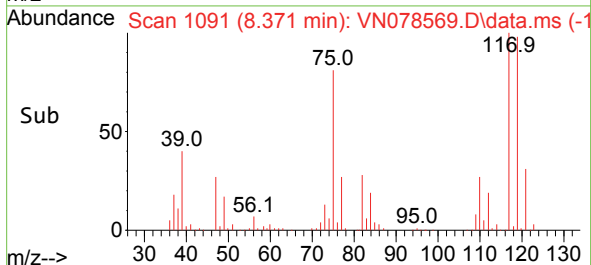
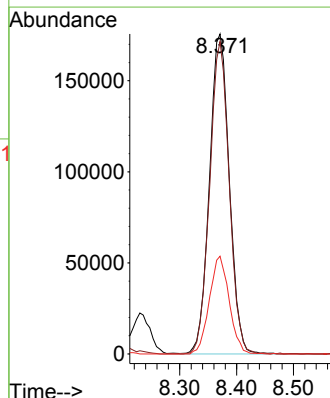
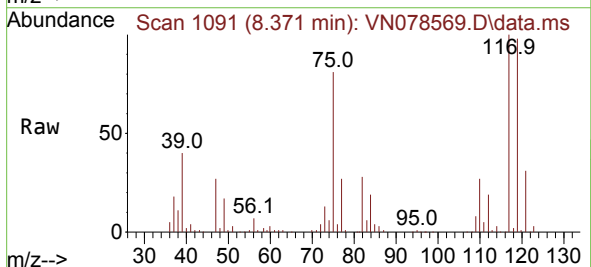
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

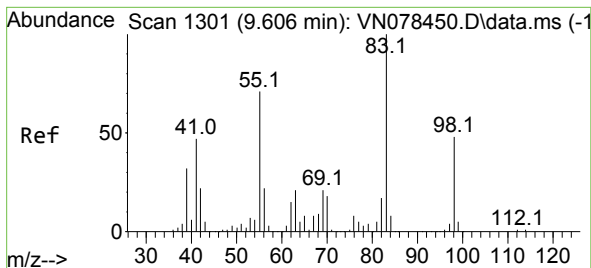
Tgt Ion: 43 Resp: 339462
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 10.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 50.034 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 117 Resp: 426873
Ion Ratio Lower Upper
117 100
119 97.6 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 47.996 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

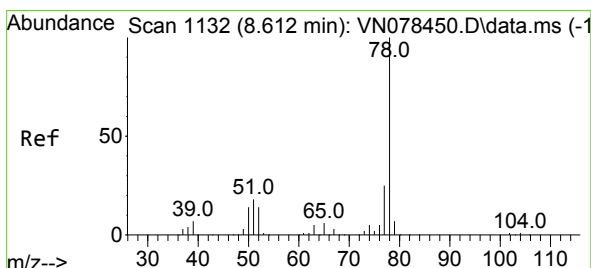
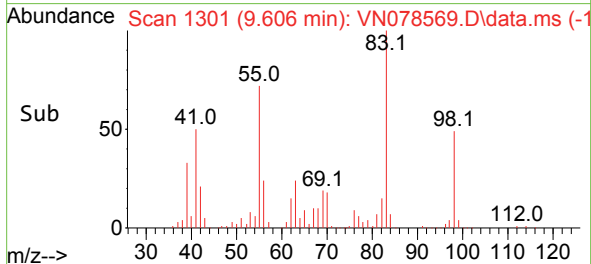
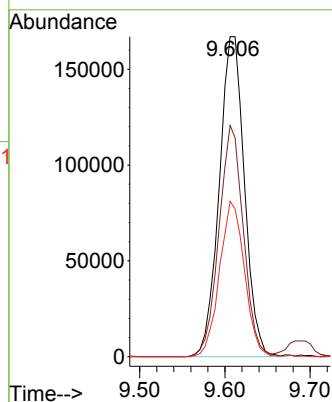
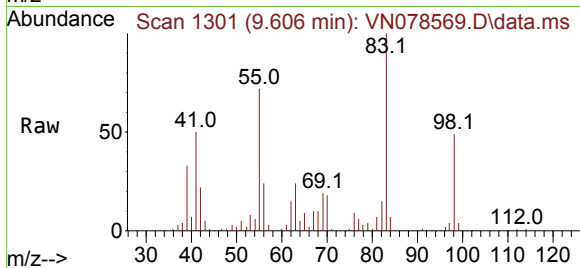
Tgt Ion: 83 Resp: 343916

Ion Ratio Lower Upper

83 100

55 72.3 49.1 73.7

98 48.6 40.6 61.0



#40

Benzene

Concen: 50.025 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078569.D

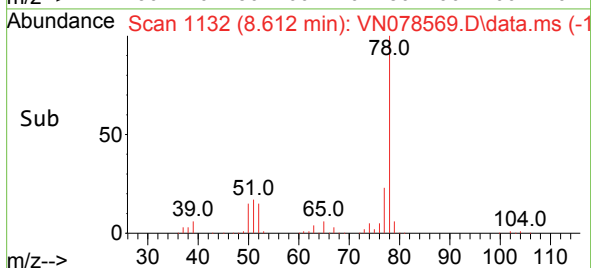
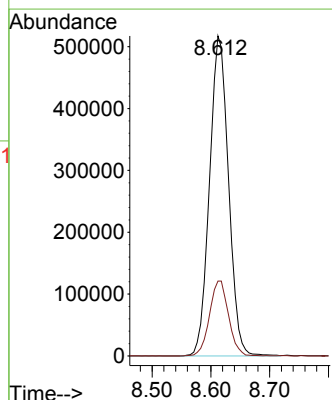
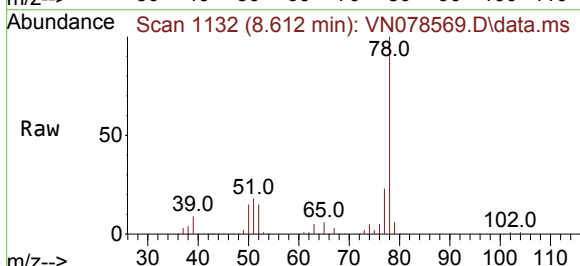
Acq: 18 Jul 2023 18:29

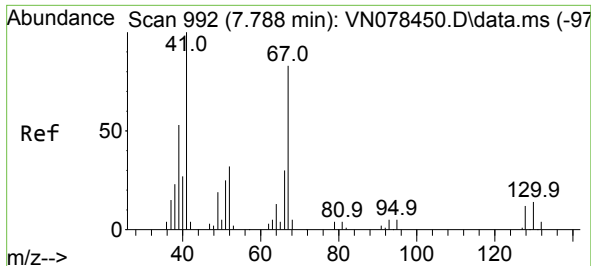
Tgt Ion: 78 Resp: 1163405

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

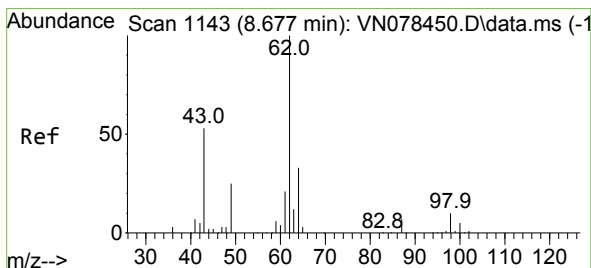
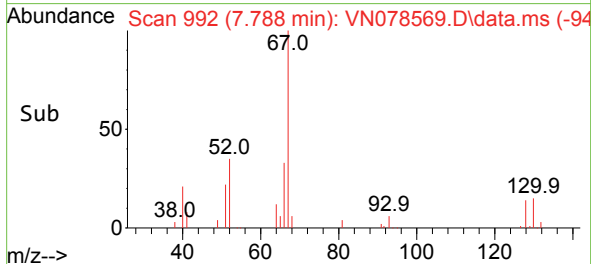
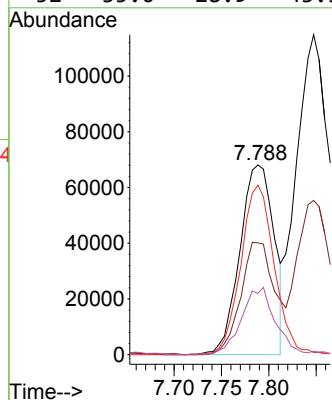
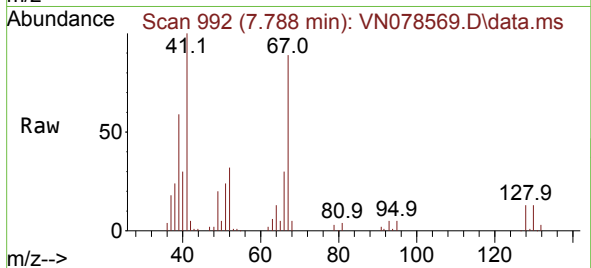




#41
Methacrylonitrile
Concen: 51.207 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

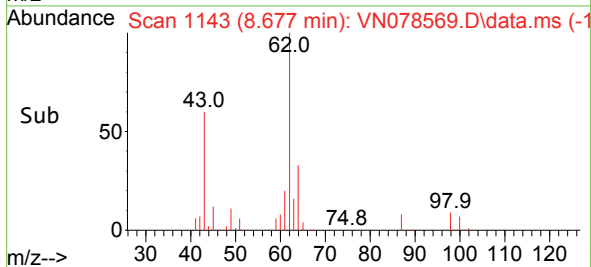
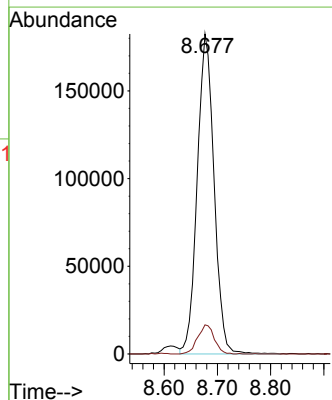
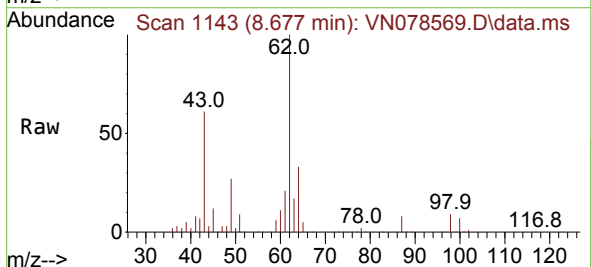
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

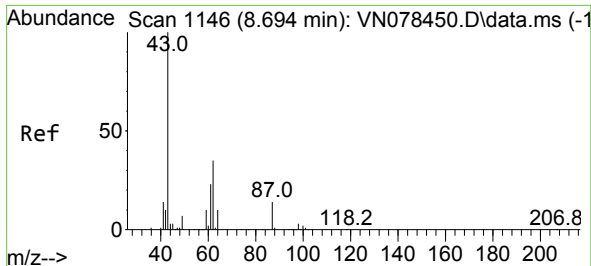
Tgt Ion:	41	Resp:	170828
Ion	Ratio	Lower	Upper
41	100		
39	60.0	42.6	64.0
67	87.5	77.5	116.3
52	35.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.601 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:	62	Resp:	400270
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

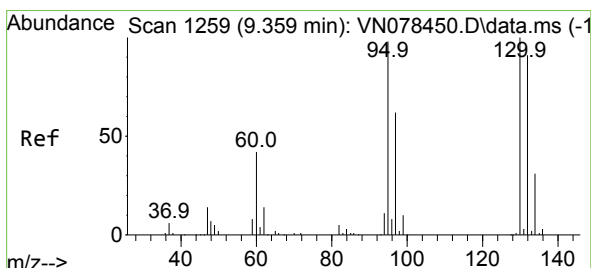
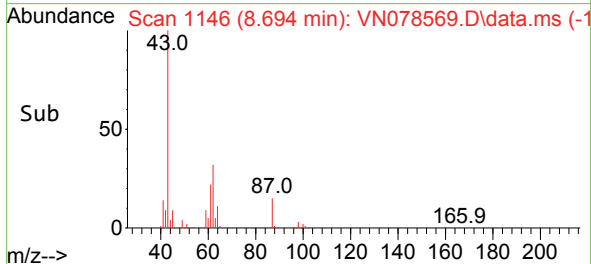
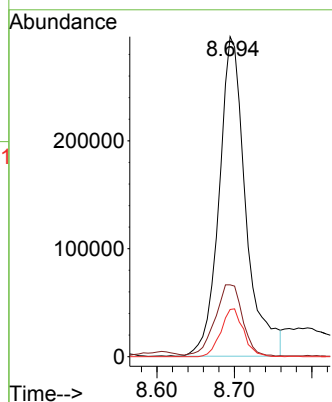
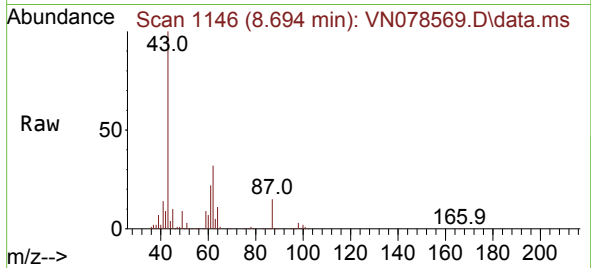




#43
Isopropyl Acetate
Concen: 65.820 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

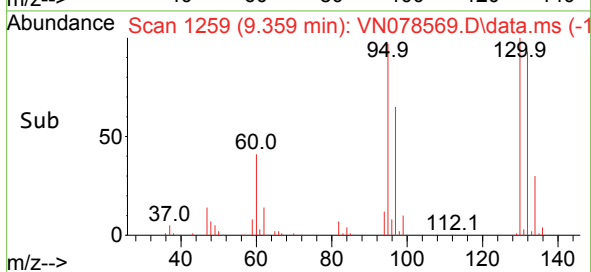
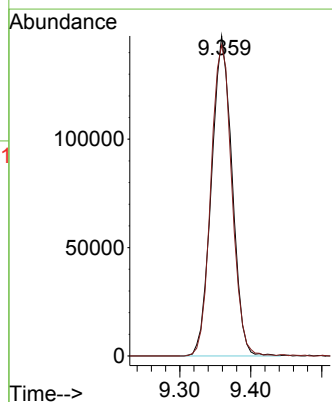
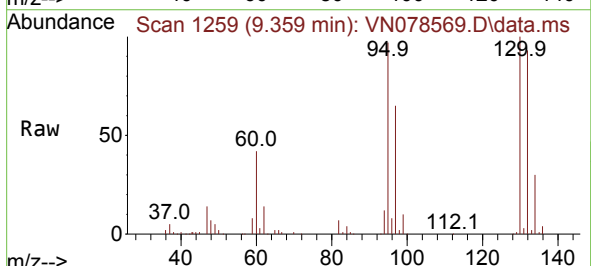
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

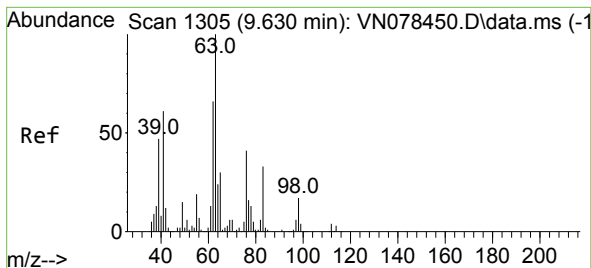
Tgt Ion: 43 Resp: 709125
Ion Ratio Lower Upper
43 100
61 23.0 24.7 37.1#
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 47.462 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:130 Resp: 297492
Ion Ratio Lower Upper
130 100
95 97.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.764 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

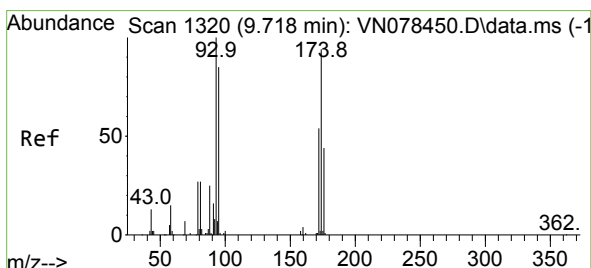
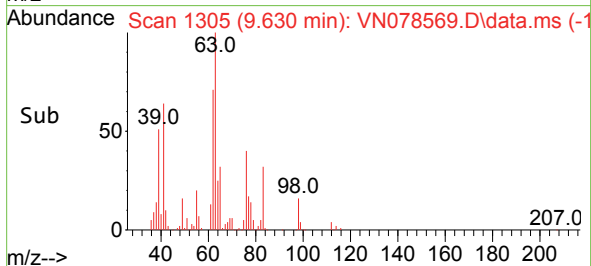
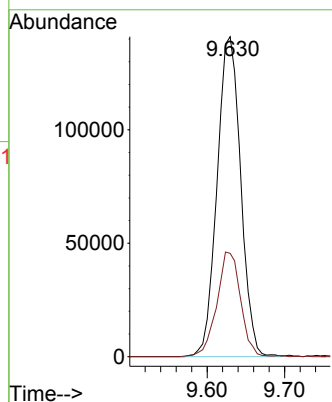
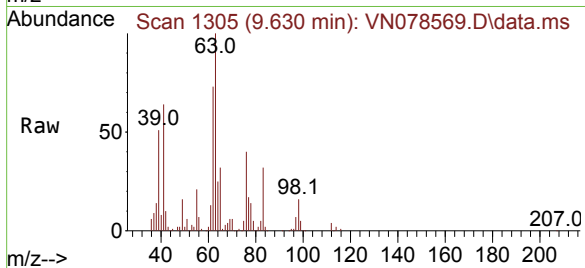
VSTDCCC050EC

Tgt Ion: 63 Resp: 299008

Ion Ratio Lower Upper

63 100

65 32.3 23.9 35.9



#46

Dibromomethane

Concen: 52.349 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

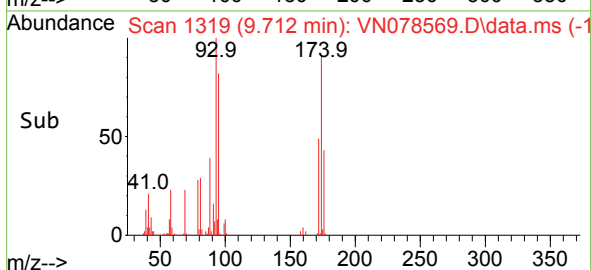
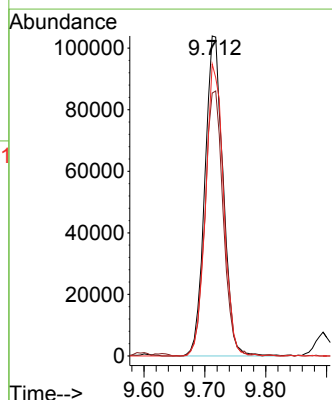
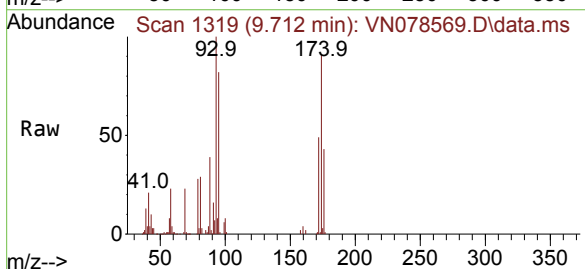
Tgt Ion: 93 Resp: 217025

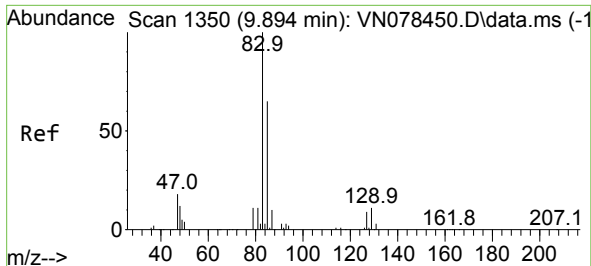
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 89.3 65.6 98.4

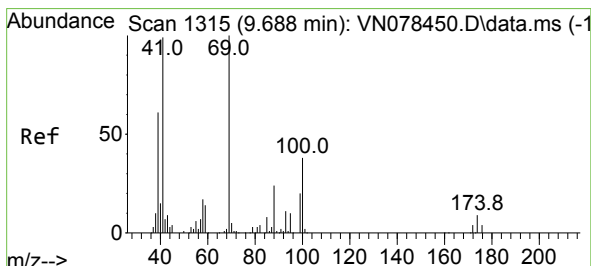
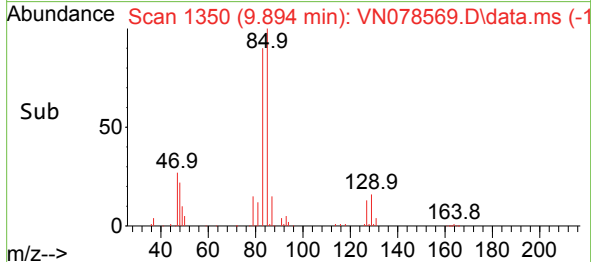
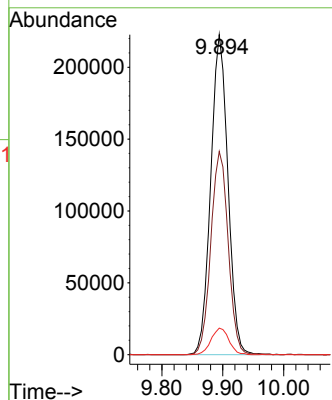
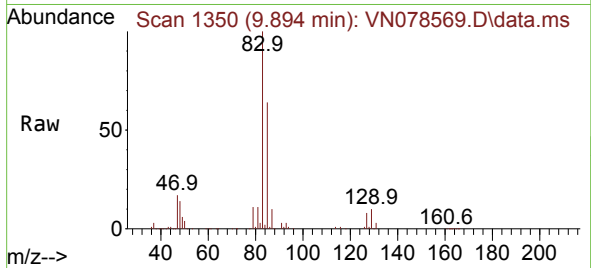




#47
Bromodichloromethane
Concen: 52.453 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

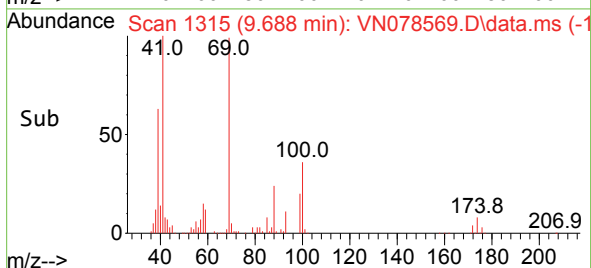
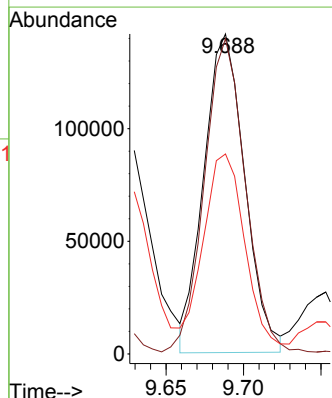
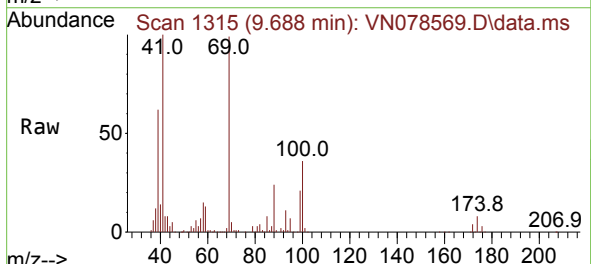
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

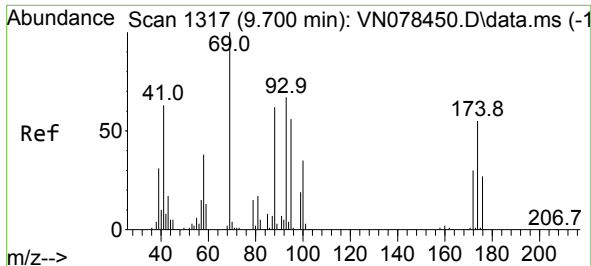
Tgt Ion: 83 Resp: 435900
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 52.006 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 41 Resp: 259580
Ion Ratio Lower Upper
41 100
69 98.6 90.4 135.6
39 64.9 54.6 81.8

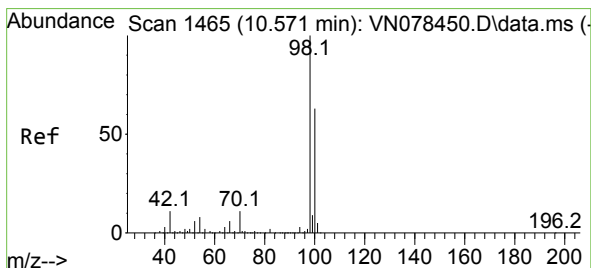
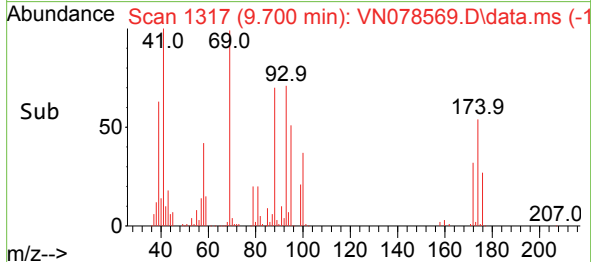
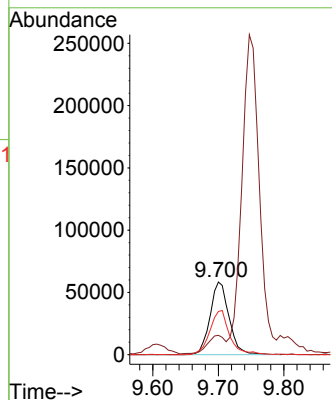
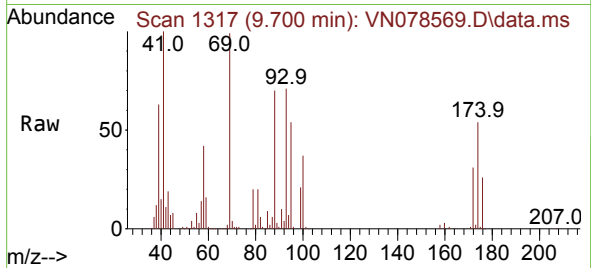




#49
1,4-Dioxane
Concen: 1079.152 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

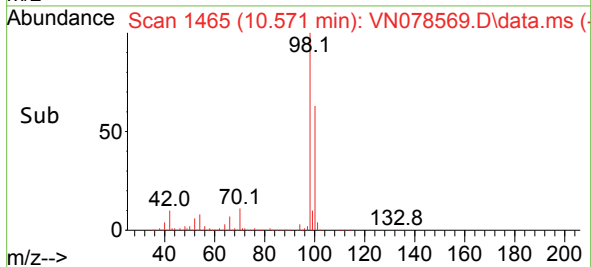
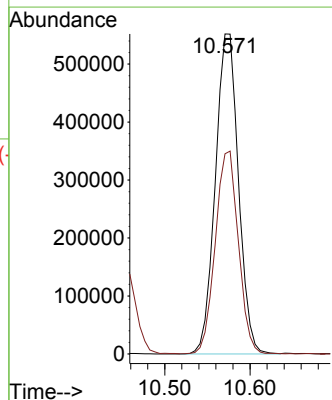
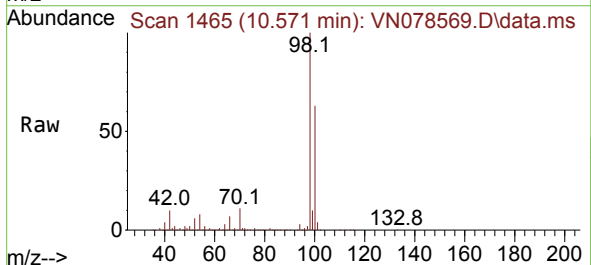
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

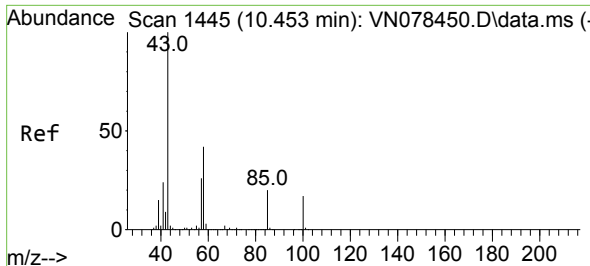
Tgt Ion: 88 Resp: 117468
Ion Ratio Lower Upper
88 100
43 22.6 17.0 25.6
58 63.6 47.0 70.4



#50
Toluene-d8
Concen: 50.670 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 98 Resp: 1040654
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

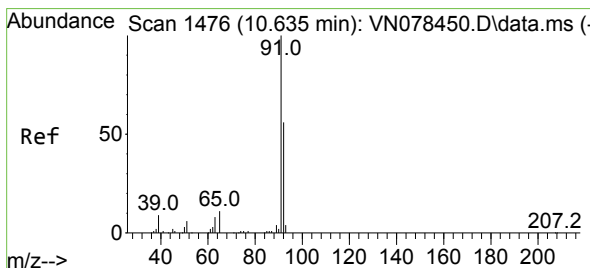
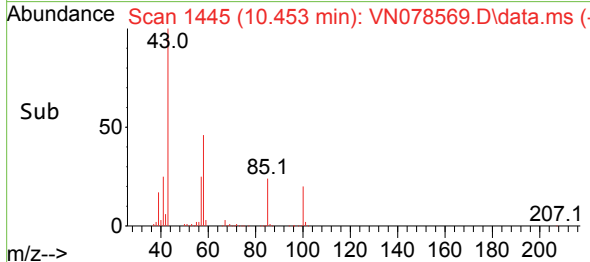
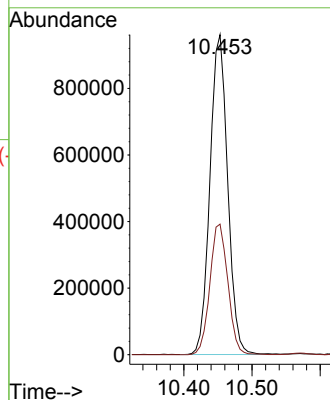
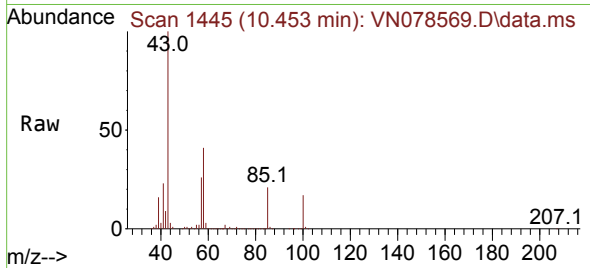




#51
4-Methyl-2-Pentanone
Concen: 271.430 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

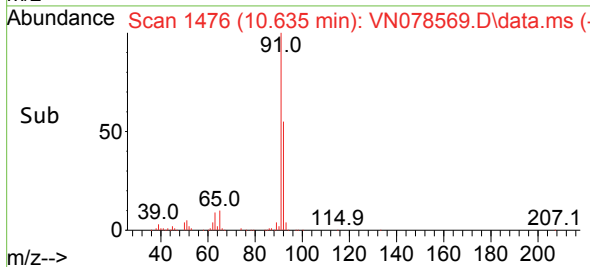
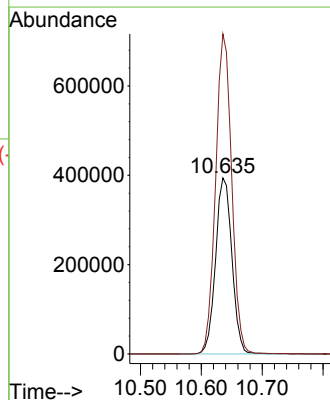
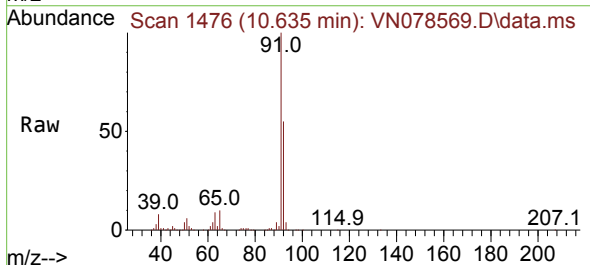
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

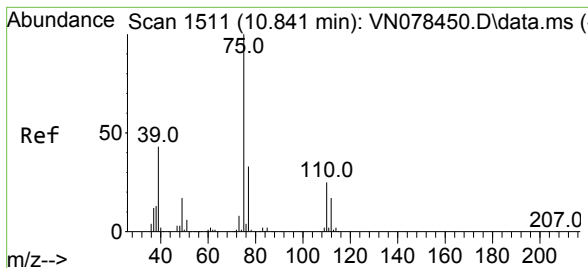
Tgt Ion: 43 Resp: 1739415
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 50.862 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 92 Resp: 733107
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

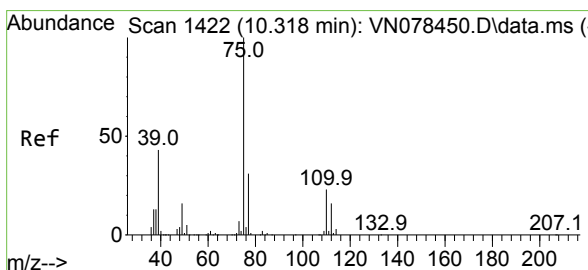
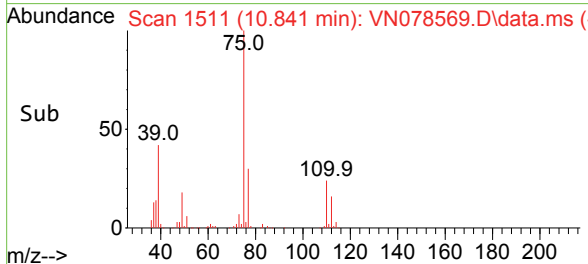
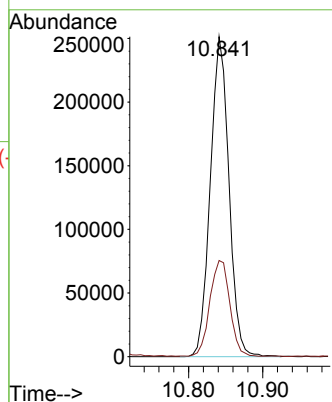
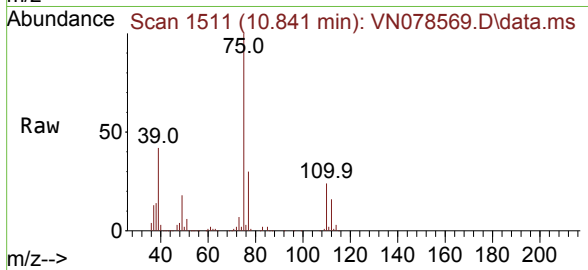




#53
 t-1,3-Dichloropropene
 Concen: 51.450 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

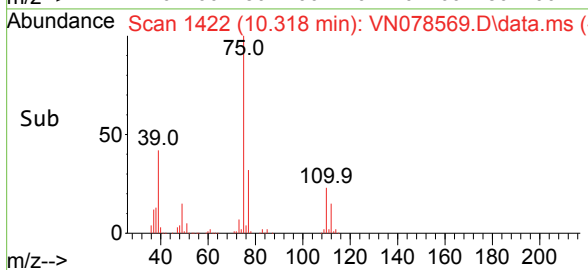
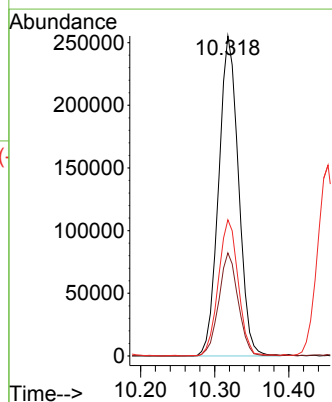
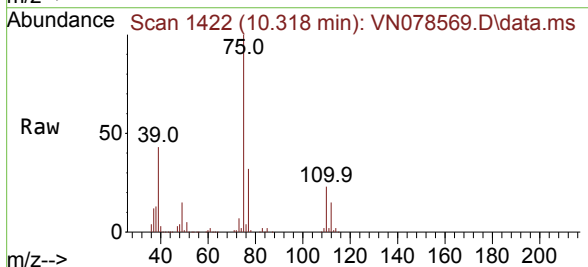
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

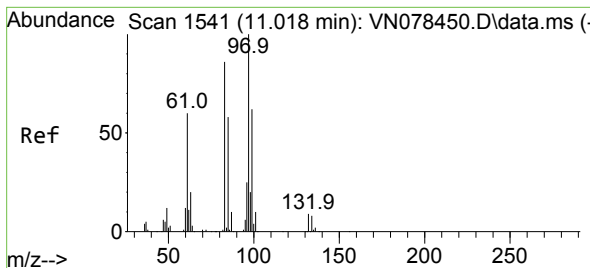
Tgt Ion: 75 Resp: 438029
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.330 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion: 75 Resp: 474901
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 42.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.908 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 300463

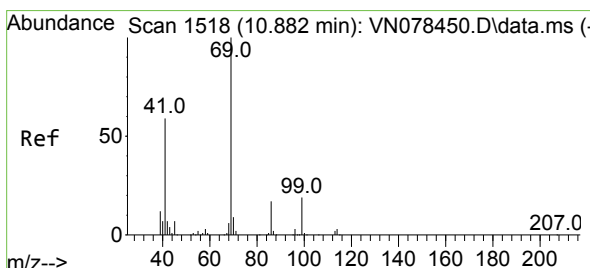
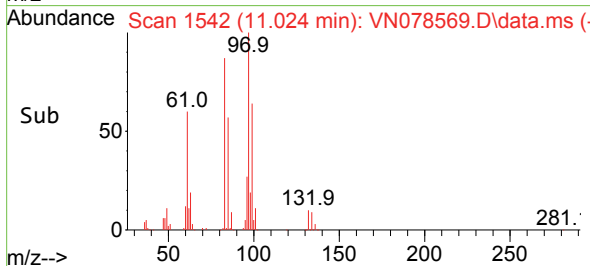
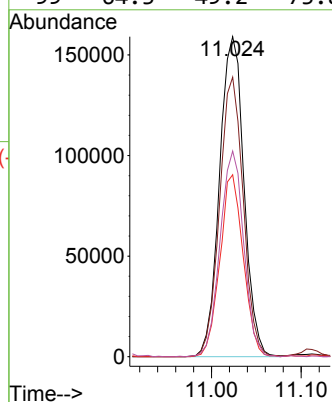
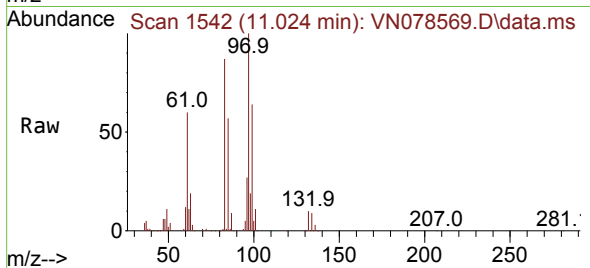
Ion Ratio Lower Upper

97 100

83 87.4 65.1 97.7

85 56.8 43.4 65.2

99 64.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.443 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

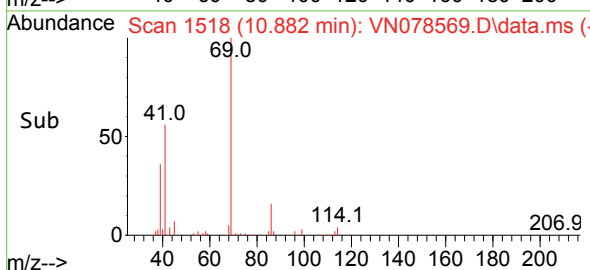
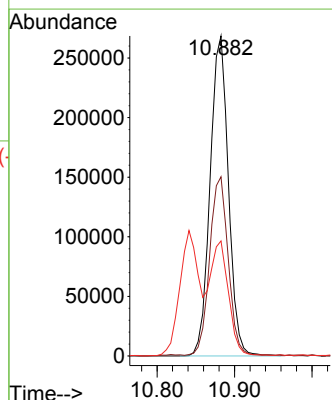
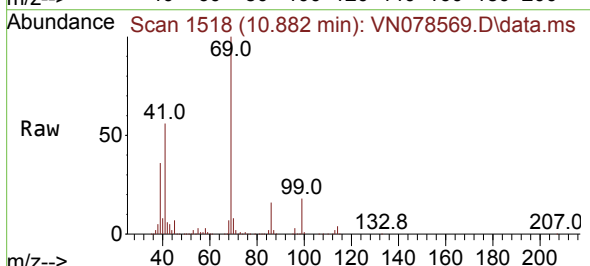
Tgt Ion: 69 Resp: 440133

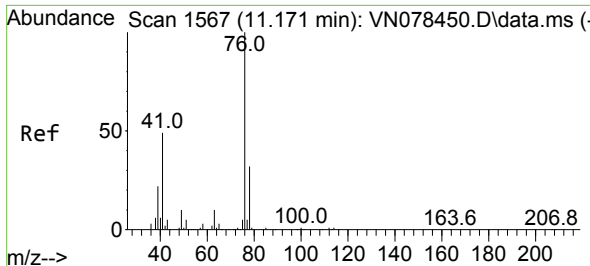
Ion Ratio Lower Upper

69 100

41 56.4 39.6 59.4

39 37.0 28.6 43.0

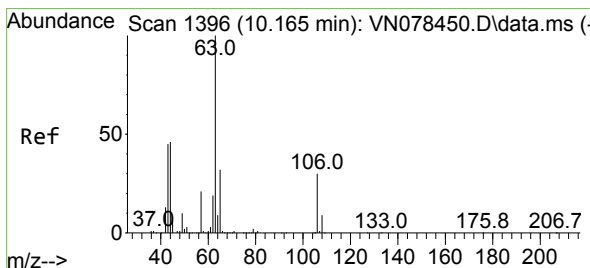
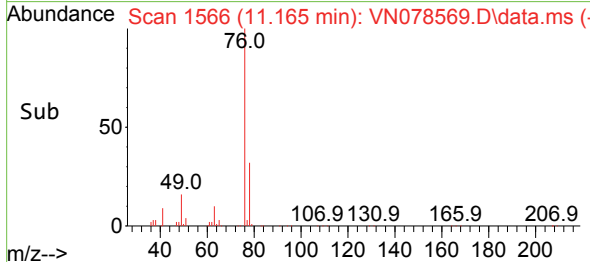
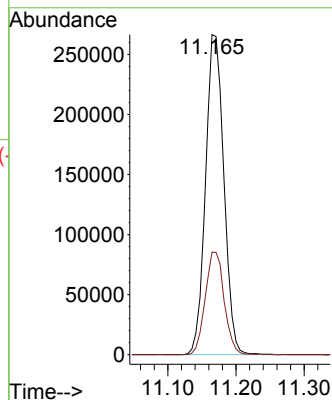
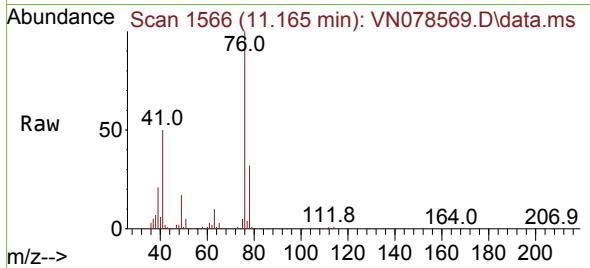




#57
1,3-Dichloropropane
Concen: 51.585 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

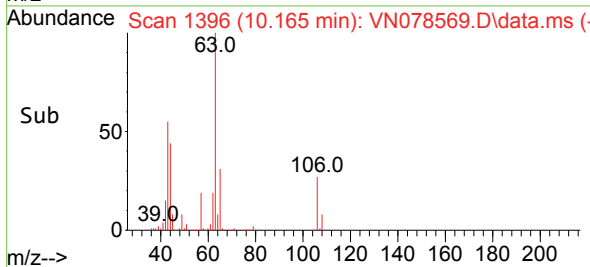
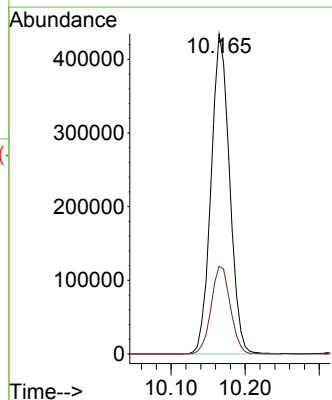
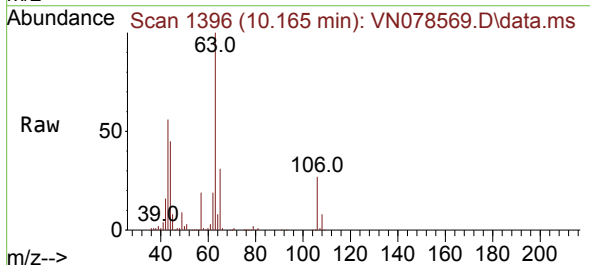
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

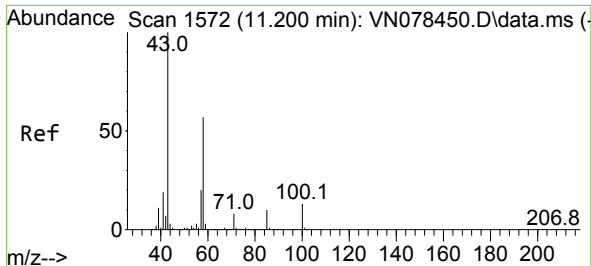
Tgt Ion: 76 Resp: 498098
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 266.575 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 63 Resp: 754161
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4

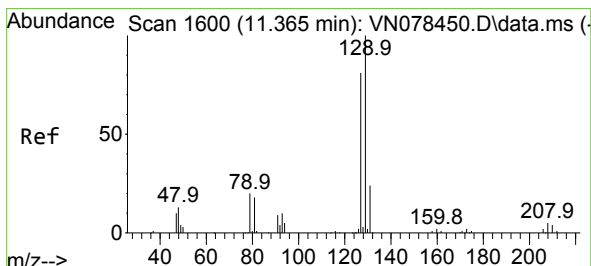
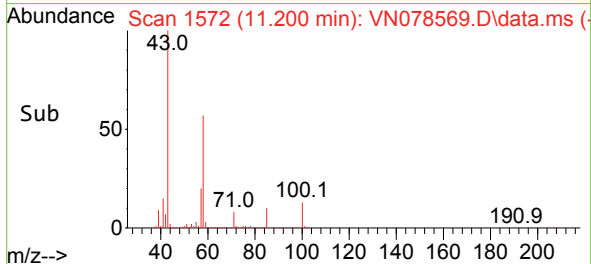
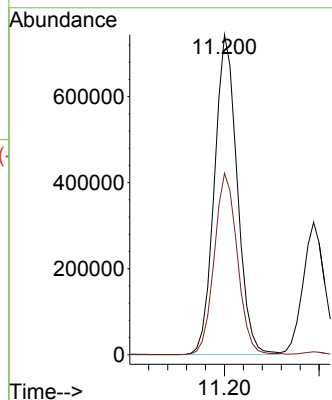
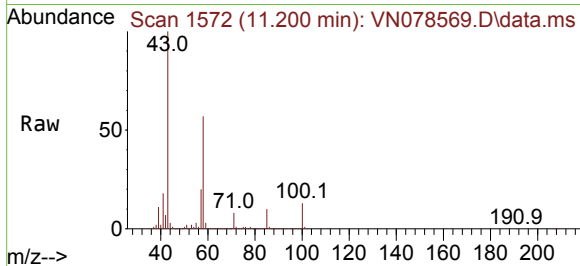




#59
2-Hexanone
Concen: 272.831 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

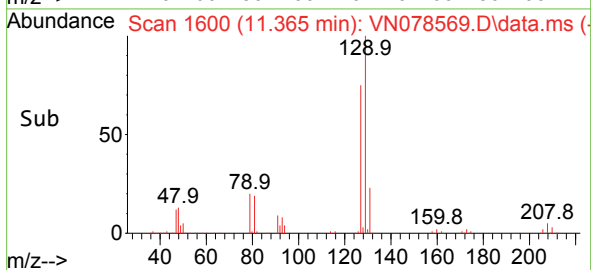
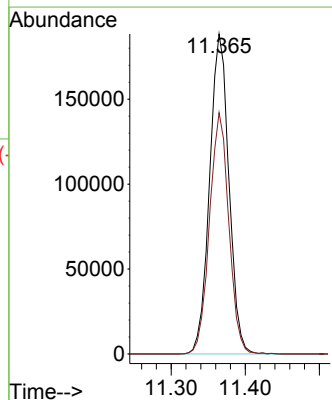
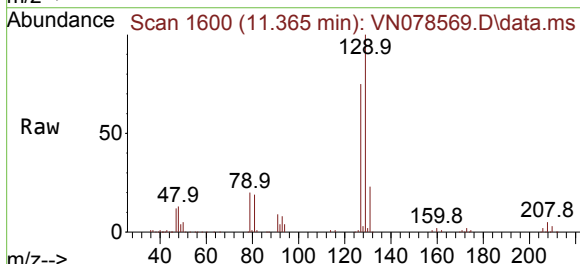
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

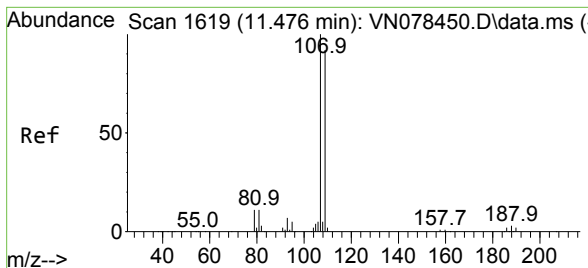
Tgt Ion: 43 Resp: 1242603
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 54.264 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 129 Resp: 340207
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0

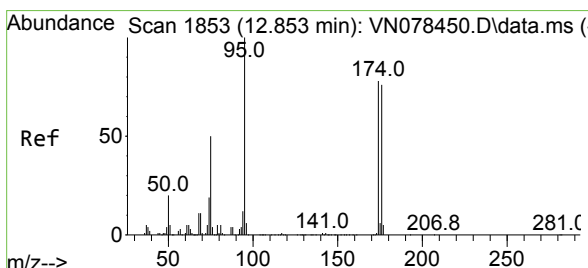
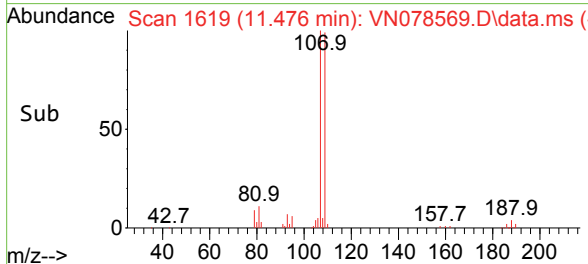
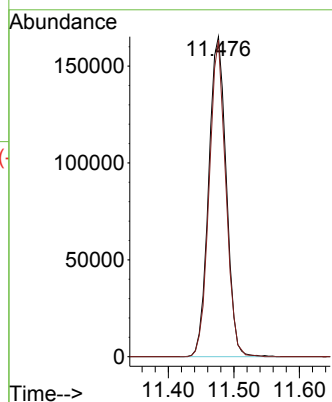
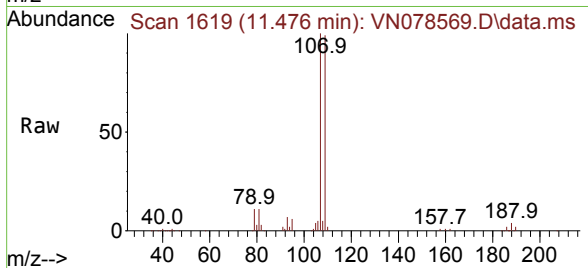




#61
1,2-Dibromoethane
Concen: 52.538 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

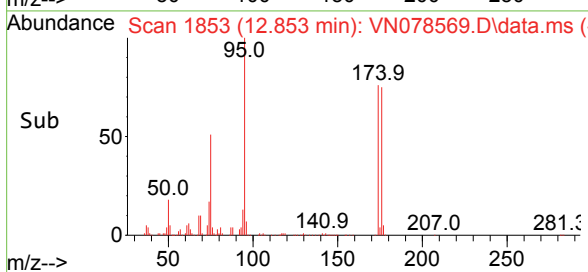
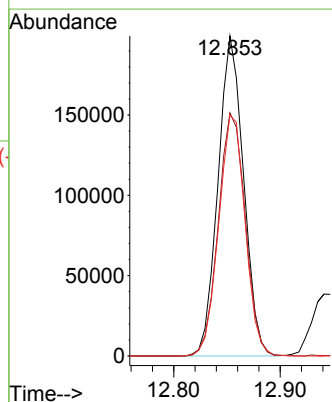
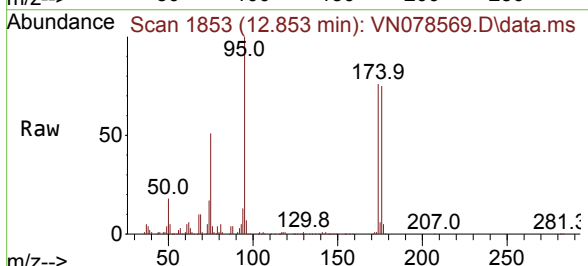
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

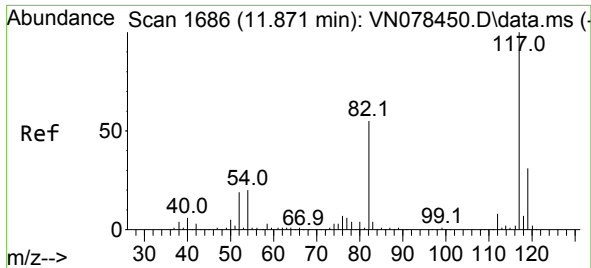
Tgt Ion:107 Resp: 307351
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.440 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 95 Resp: 331741
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.8
176 77.8 0.0 135.8

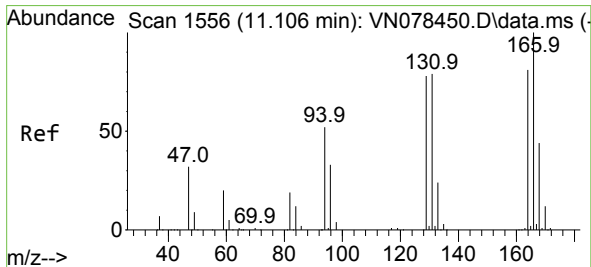
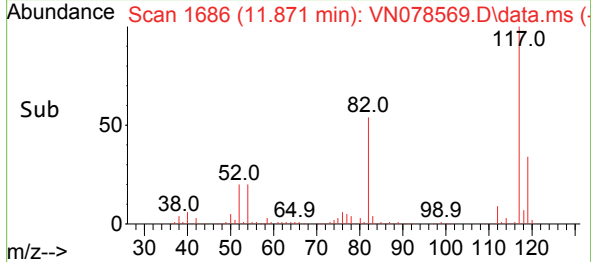
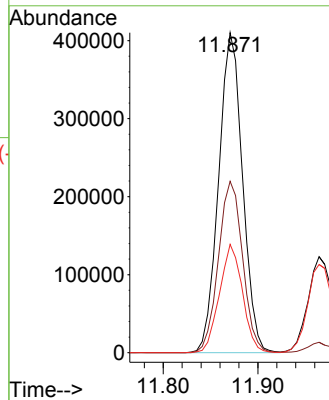
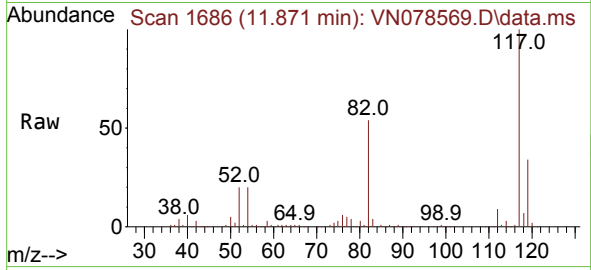




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

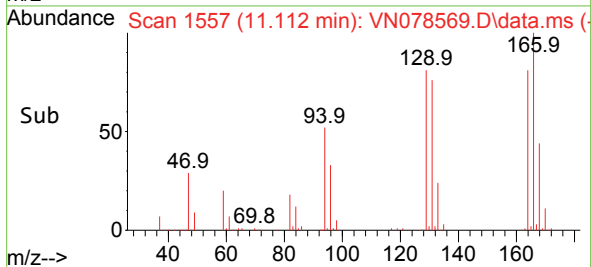
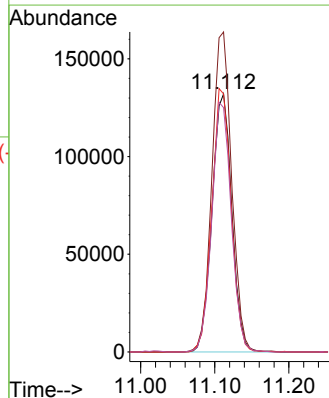
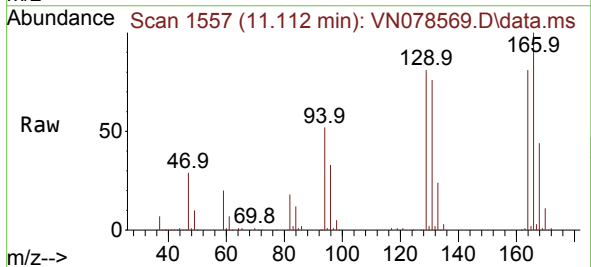
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

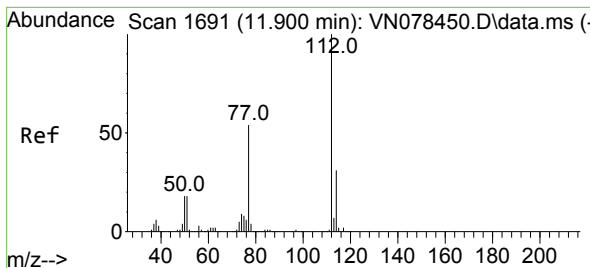
Tgt Ion:117 Resp: 720468
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 33.8 25.6 38.4



#64
Tetrachloroethene
Concen: 45.235 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:164 Resp: 245023
Ion Ratio Lower Upper
164 100
166 124.0 101.4 152.0
129 100.0 82.4 123.6
131 94.6 78.2 117.4





#65

Chlorobenzene

Concen: 49.037 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

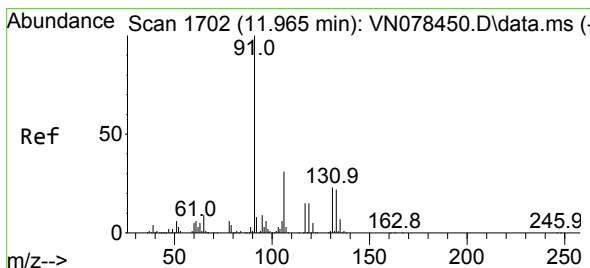
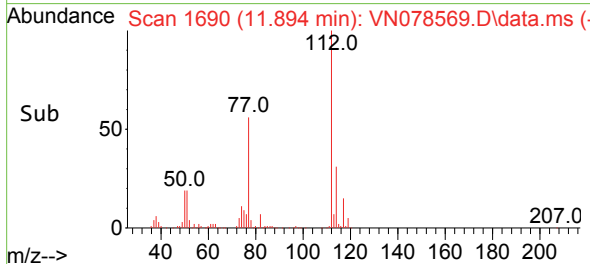
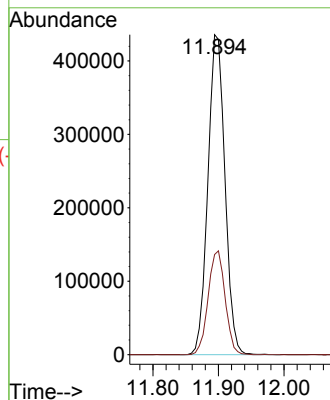
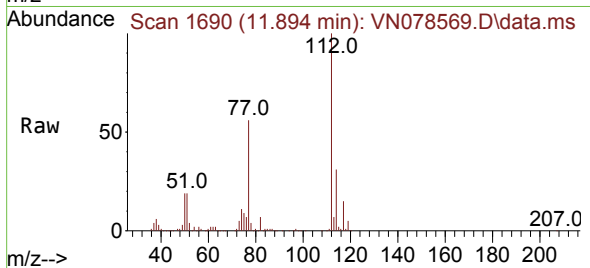
VSTDCCC050EC

Tgt Ion:112 Resp: 789704

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.221 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

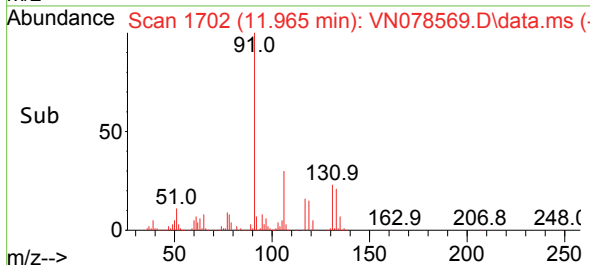
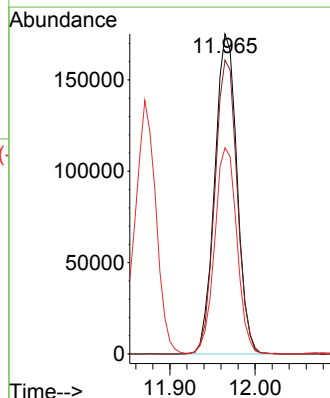
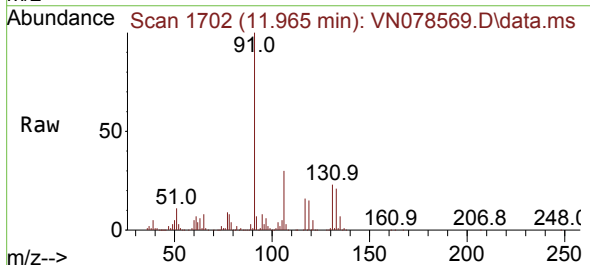
Tgt Ion:131 Resp: 317327

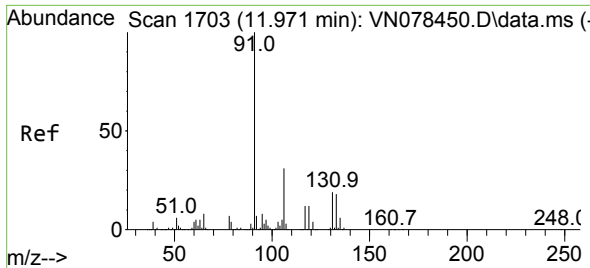
Ion Ratio Lower Upper

131 100

133 92.8 46.4 139.1

119 64.7 34.1 102.2

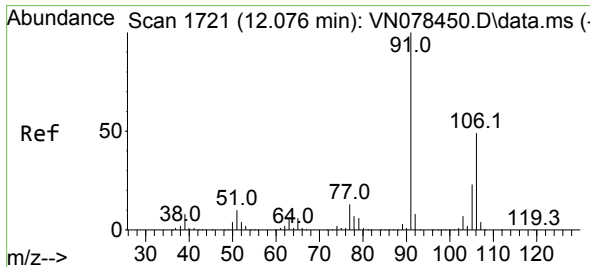
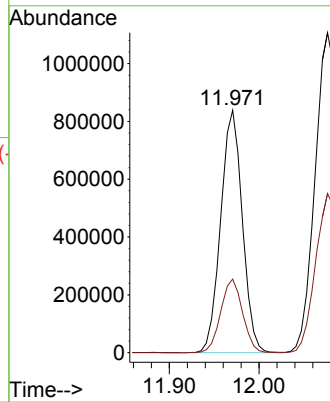
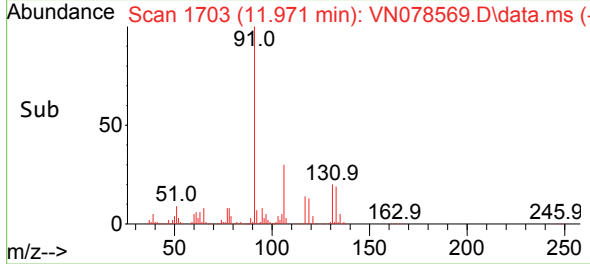
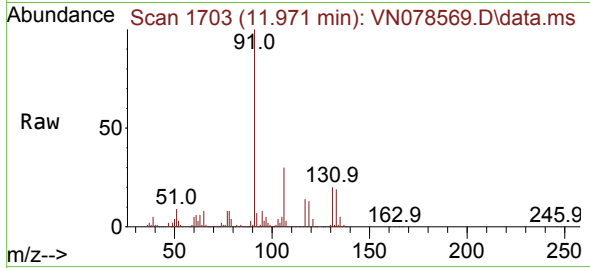




#67
Ethyl Benzene
Concen: 51.581 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

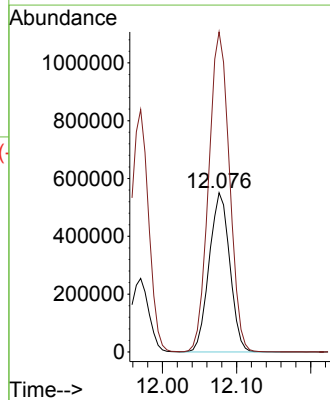
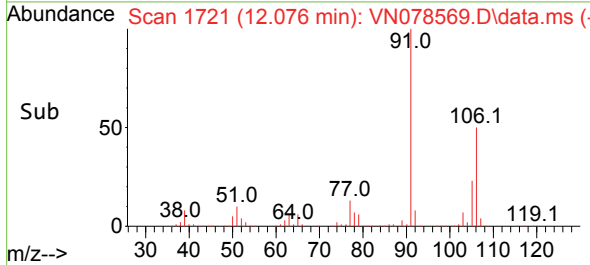
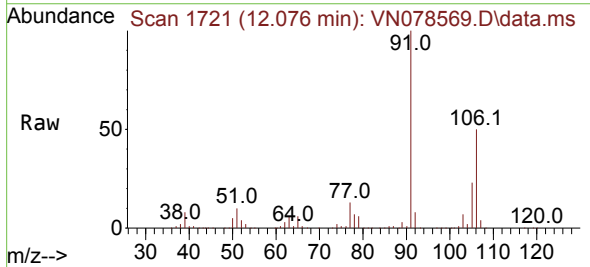
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

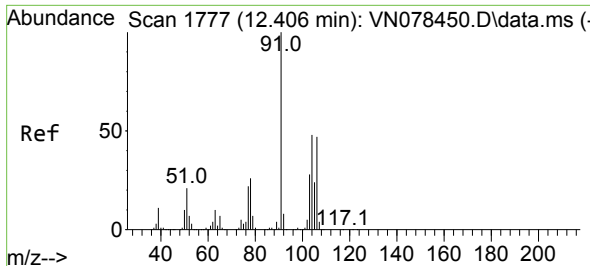
Tgt Ion: 91 Resp: 1404091
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 105.728 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:106 Resp: 1064109
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4

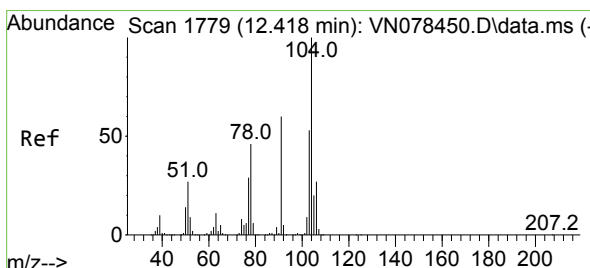
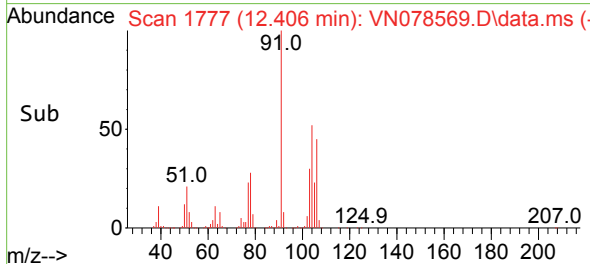
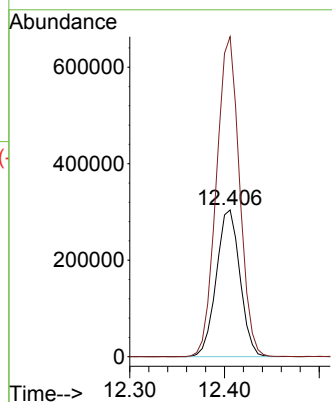
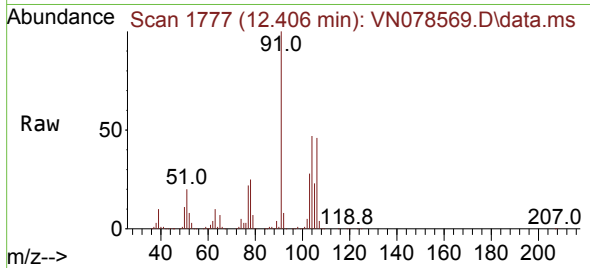




#69
o-Xylene
Concen: 51.909 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

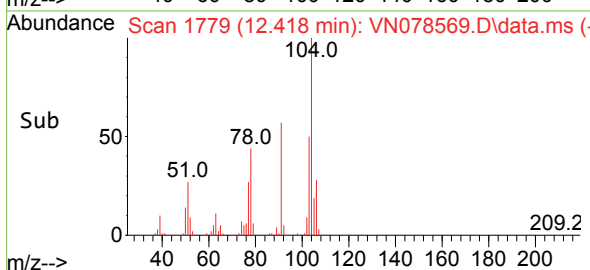
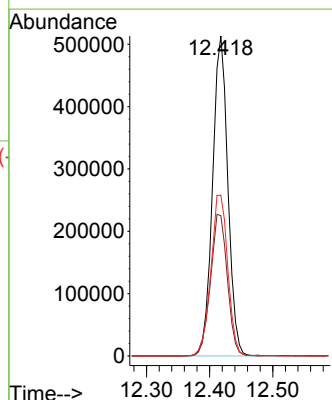
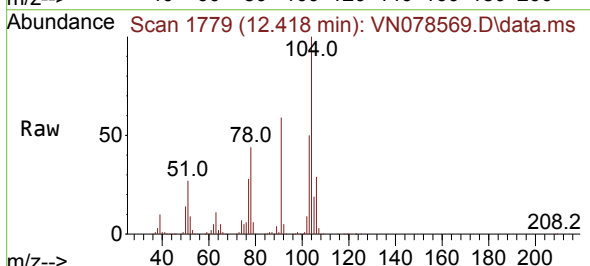
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

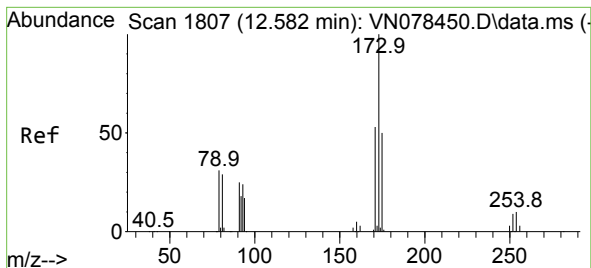
Tgt Ion:106 Resp: 527690
Ion Ratio Lower Upper
106 100
91 213.4 105.2 315.5



#70
Styrene
Concen: 54.346 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:104 Resp: 864309
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 54.122 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

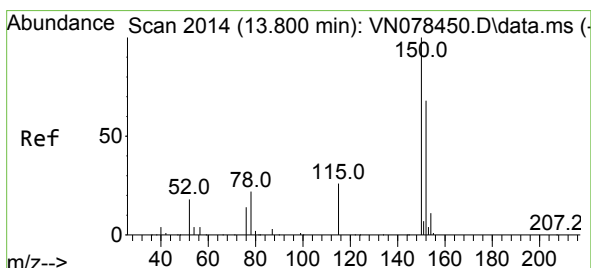
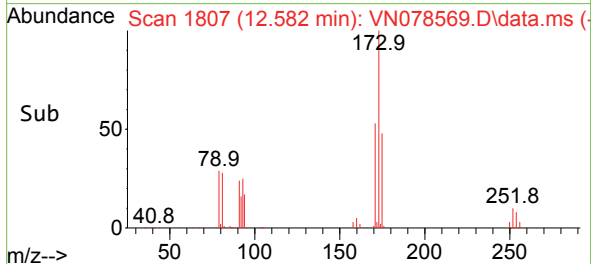
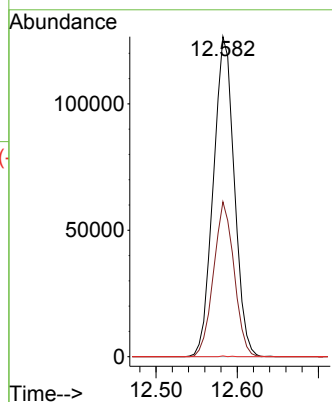
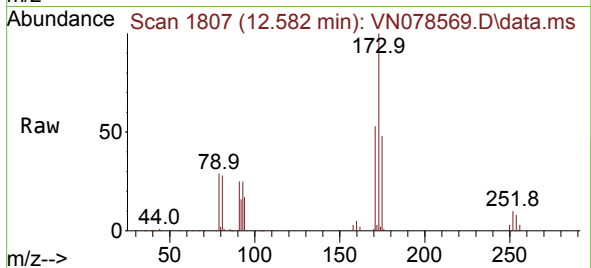
Tgt Ion:173 Resp: 227082

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

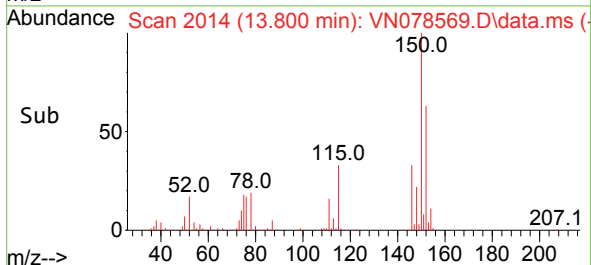
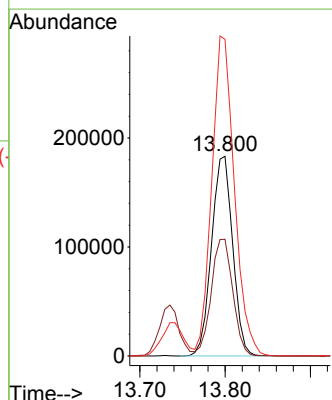
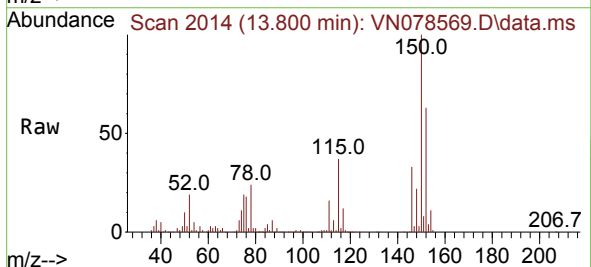
Tgt Ion:152 Resp: 316111

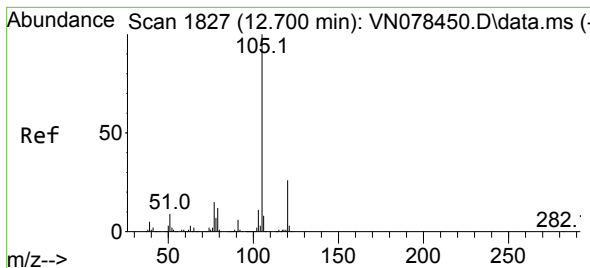
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

150 170.9 0.0 355.8





#73

Isopropylbenzene

Concen: 43.828 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

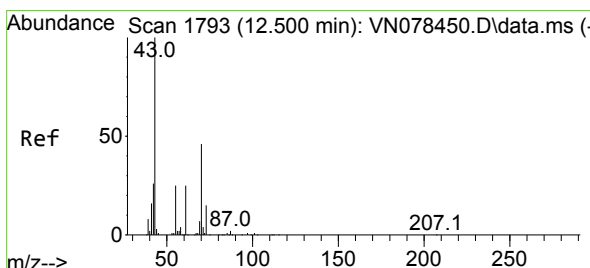
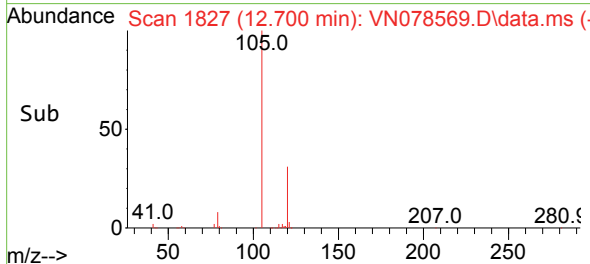
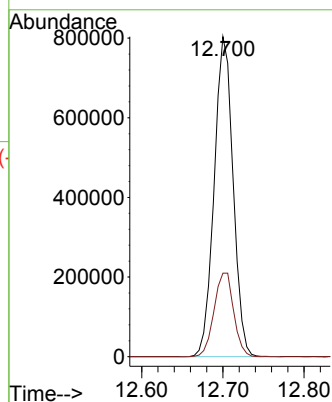
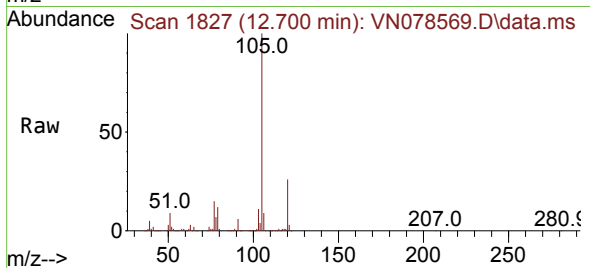
VSTDCCC050EC

Tgt Ion:105 Resp: 1301821

Ion Ratio Lower Upper

105 100

120 27.2 13.1 39.1



#74

N-ethyl acetate

Concen: 45.184 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Tgt Ion: 43 Resp: 462514

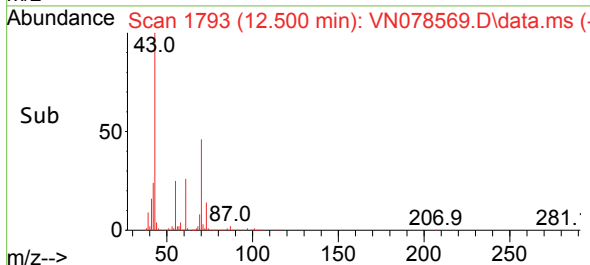
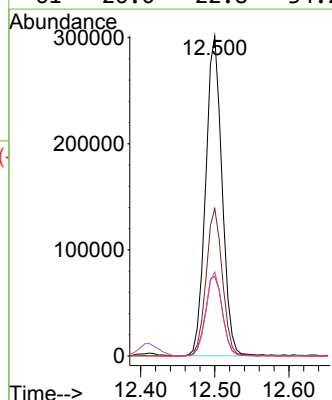
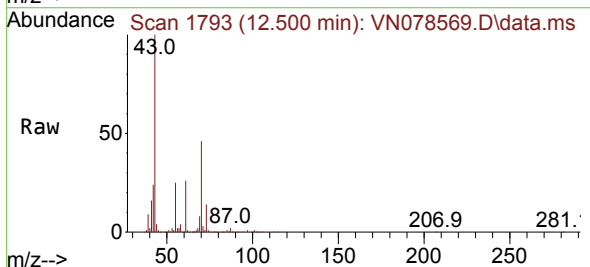
Ion Ratio Lower Upper

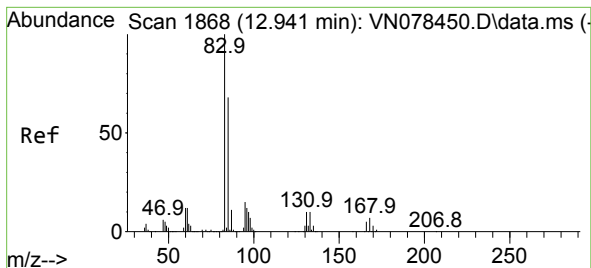
43 100

70 45.8 43.4 65.2

55 26.3 21.4 32.0

61 26.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.656 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

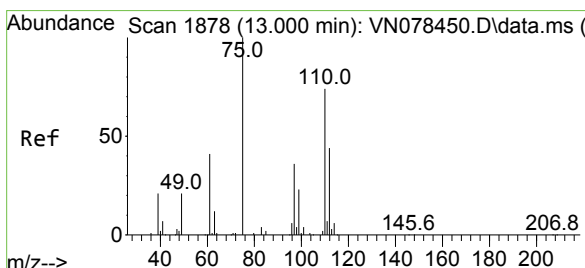
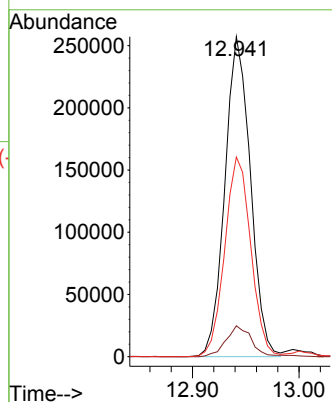
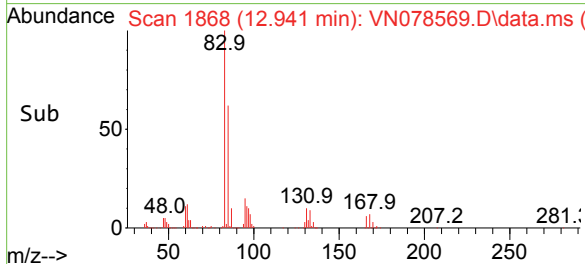
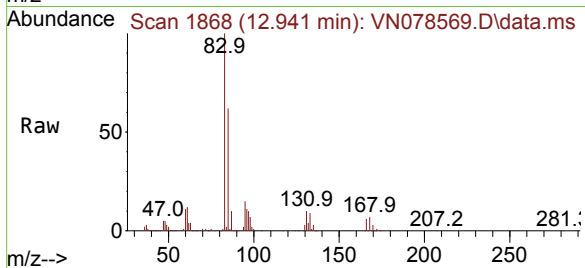
Tgt Ion: 83 Resp: 427702

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 66.171 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078569.D

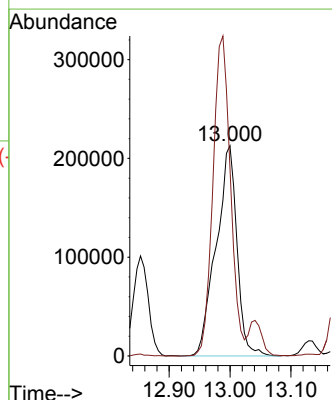
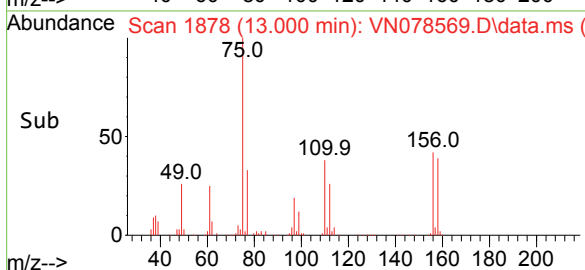
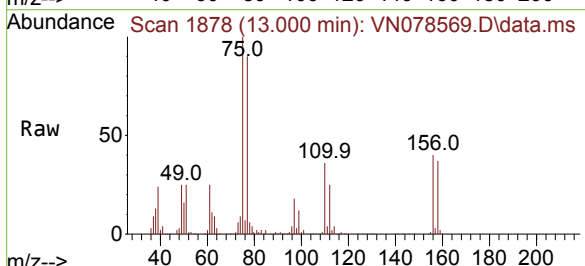
Acq: 18 Jul 2023 18:29

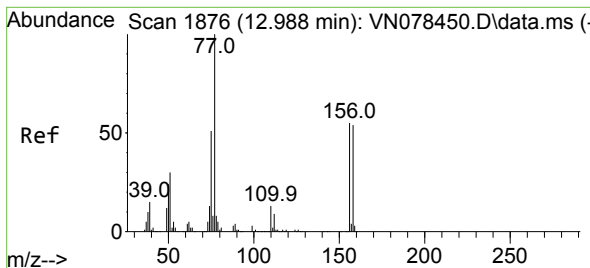
Tgt Ion: 75 Resp: 505598

Ion Ratio Lower Upper

75 100

77 128.3 84.5 253.5





#77

Bromobenzene

Concen: 48.873 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

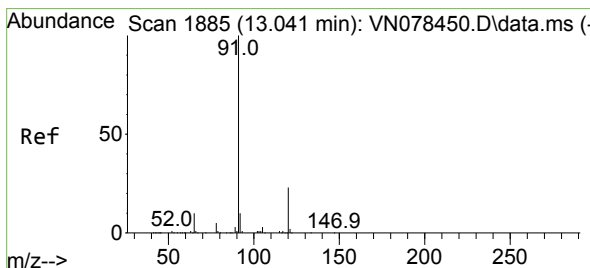
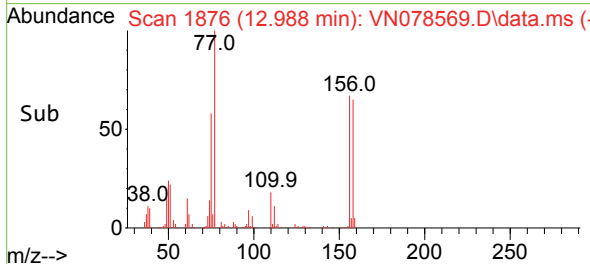
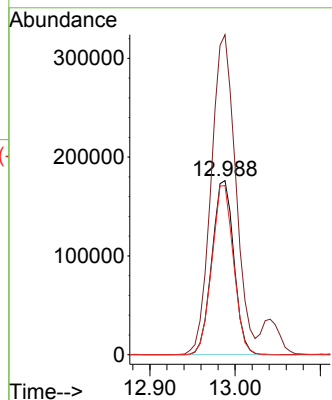
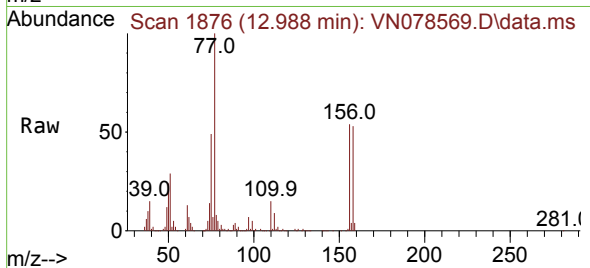
Tgt Ion:156 Resp: 315917

Ion Ratio Lower Upper

156 100

77 205.3 107.7 323.3

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 45.913 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078569.D

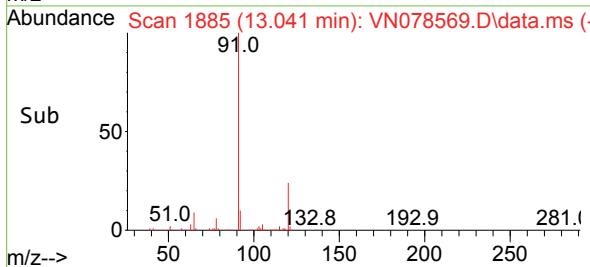
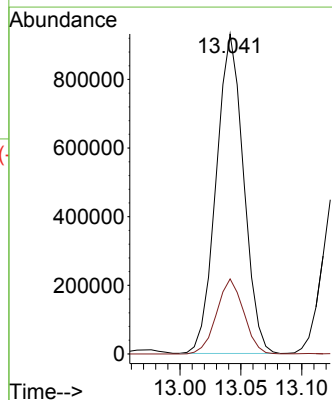
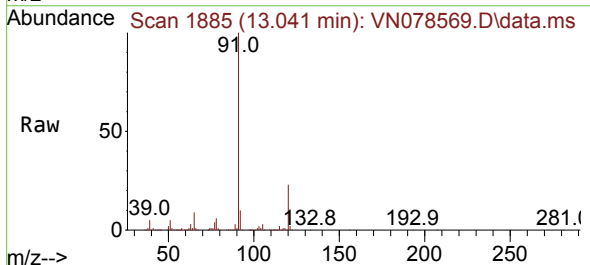
Acq: 18 Jul 2023 18:29

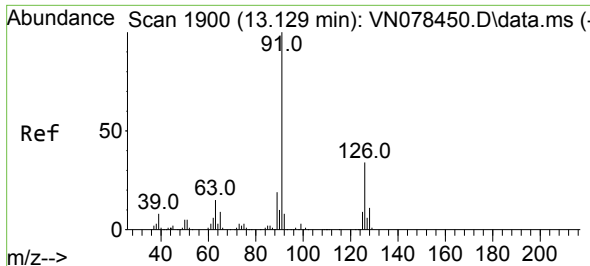
Tgt Ion: 91 Resp: 1458476

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

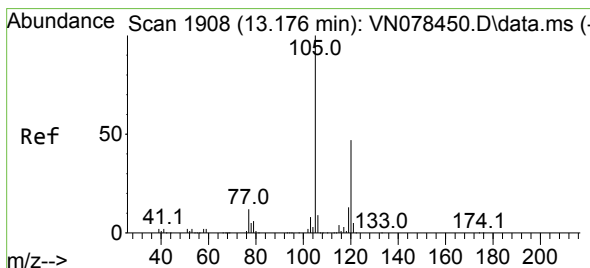
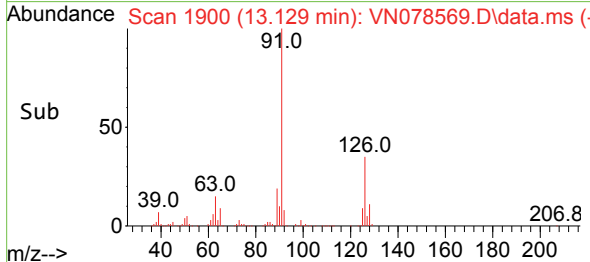
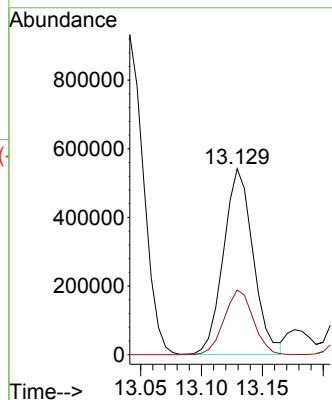
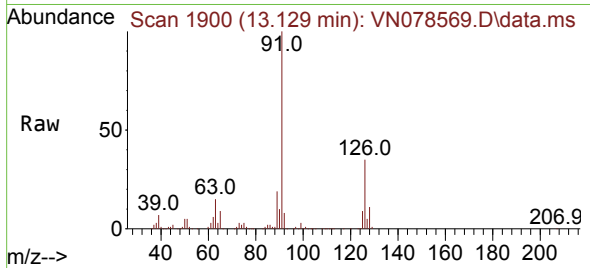




#79
2-Chlorotoluene
Concen: 44.145 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

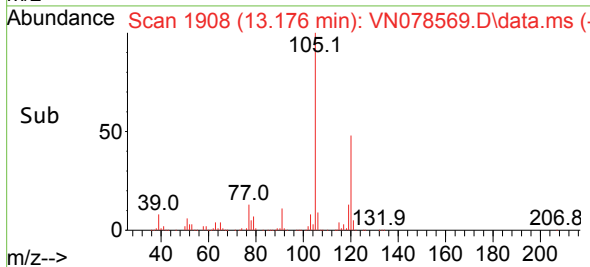
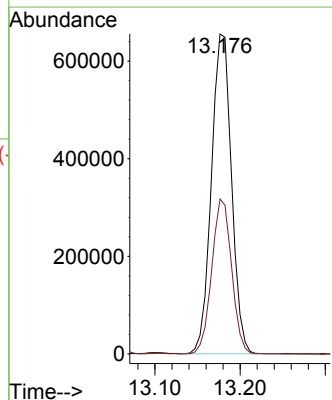
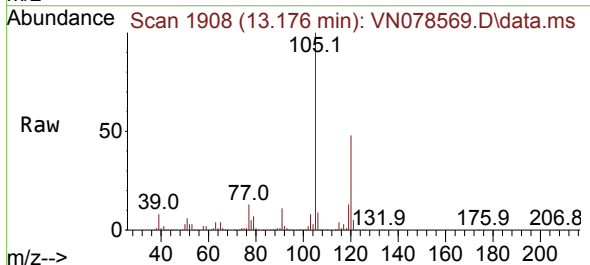
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

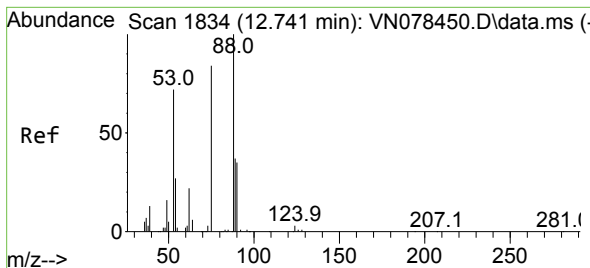
Tgt Ion: 91 Resp: 918524
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.752 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:105 Resp: 1073765
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

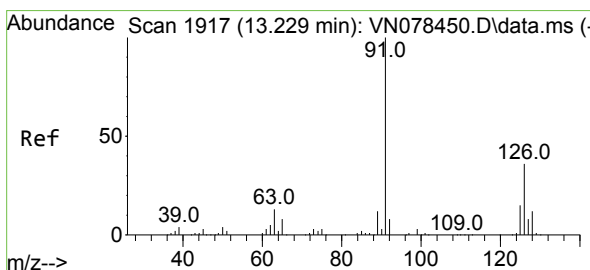
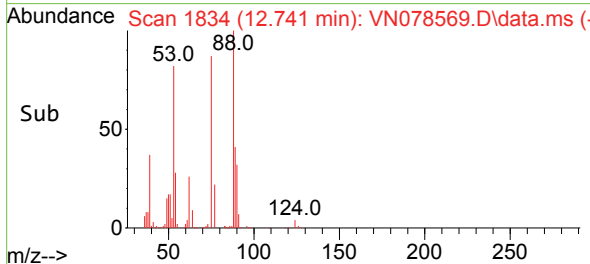
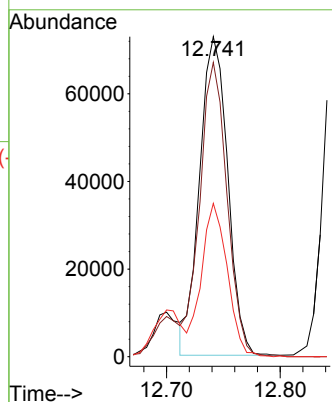
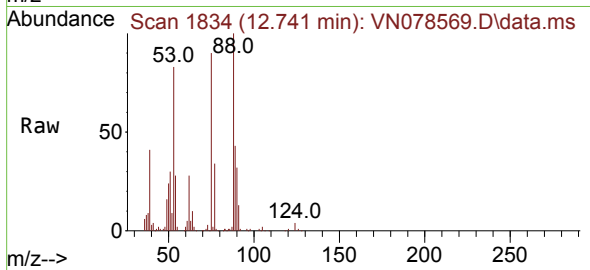




#81
trans-1,4-Dichloro-2-butene
Concen: 43.021 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

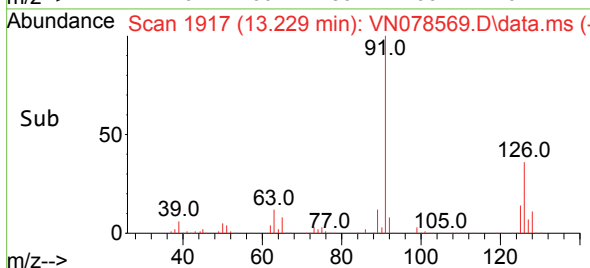
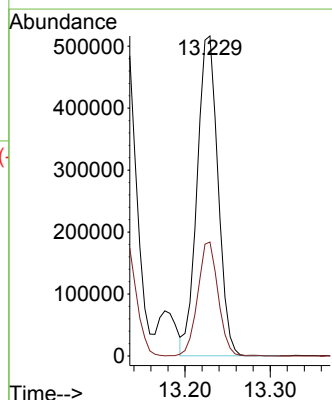
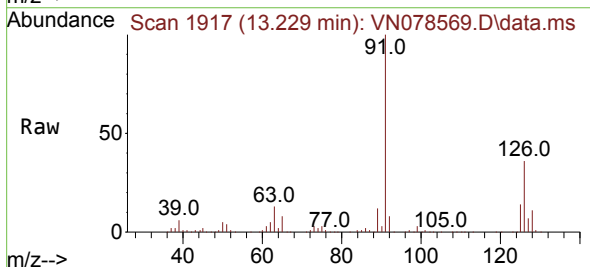
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

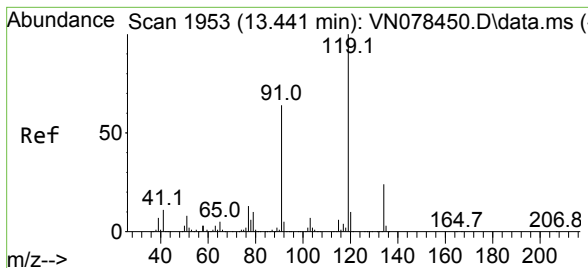
Tgt Ion: 75 Resp: 125089
Ion Ratio Lower Upper
75 100
53 90.2 67.4 101.2
89 44.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.097 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 91 Resp: 875342
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 45.707 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

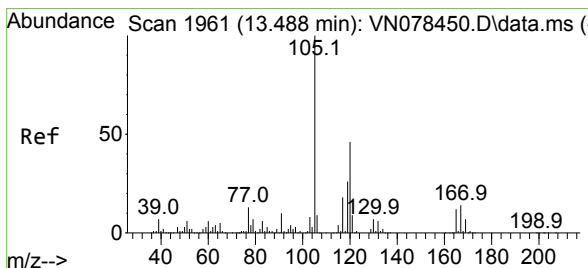
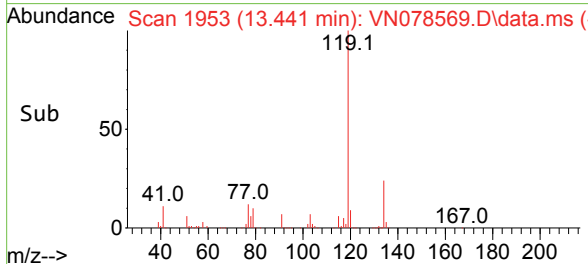
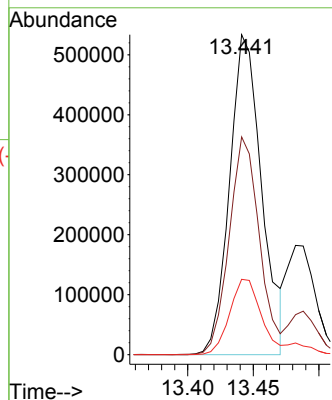
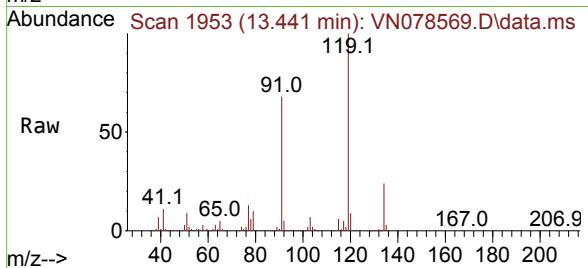
Tgt Ion:119 Resp: 910729

Ion Ratio Lower Upper

119 100

91 64.2 33.9 101.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 46.589 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078569.D

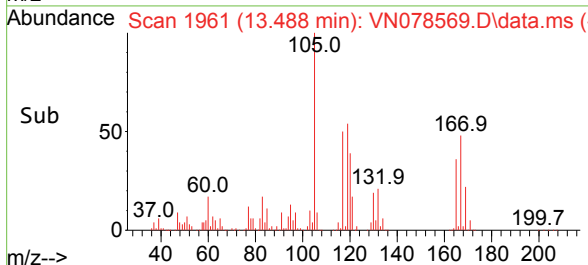
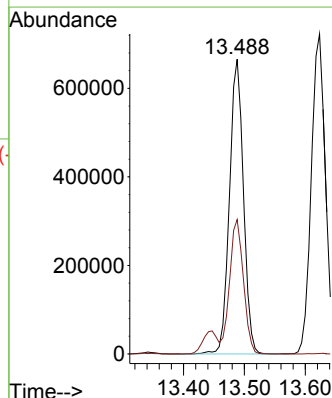
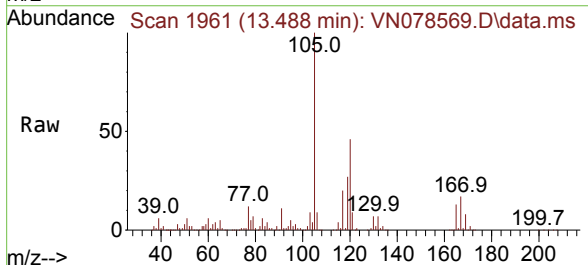
Acq: 18 Jul 2023 18:29

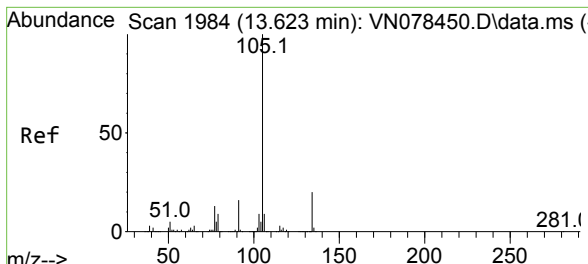
Tgt Ion:105 Resp: 1062050

Ion Ratio Lower Upper

105 100

120 45.2 22.0 66.0

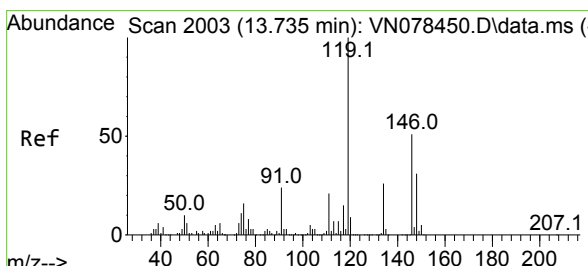
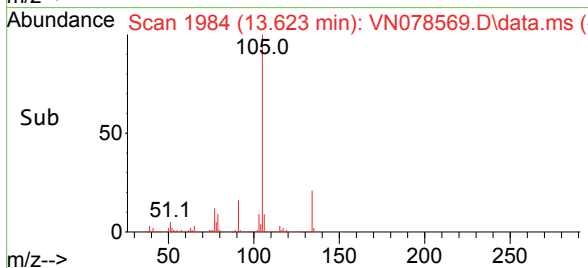
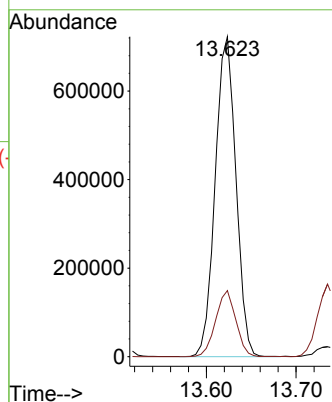
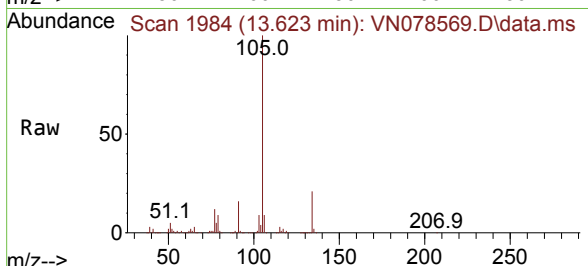




#85
 sec-Butylbenzene
 Concen: 46.005 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

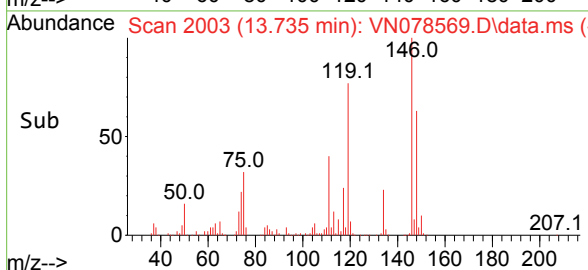
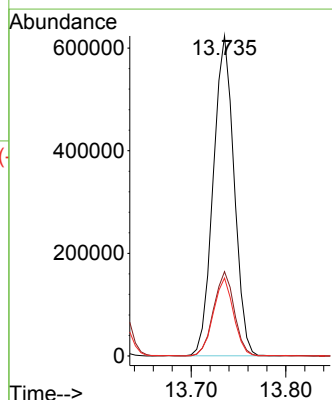
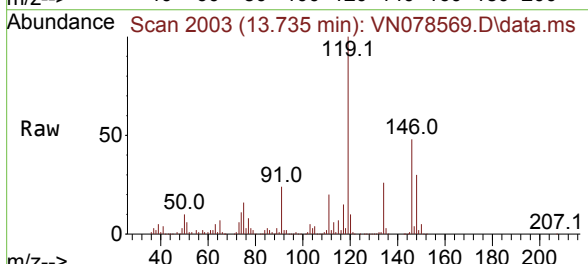
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

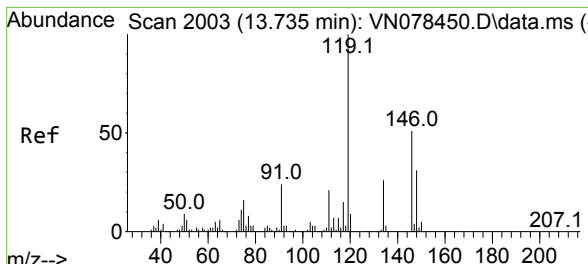
Tgt Ion:105 Resp: 1158665
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.053 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion:119 Resp: 951568
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.7 12.4 37.2

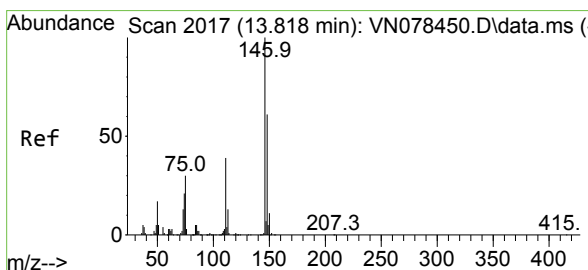
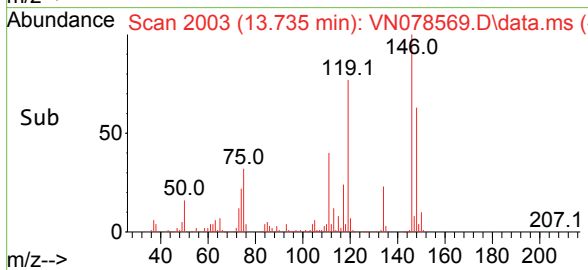
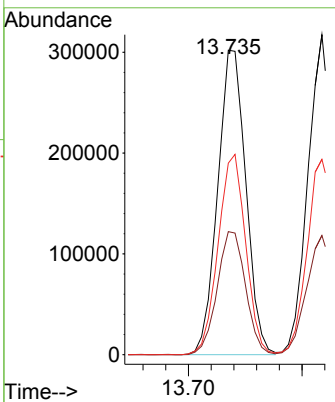
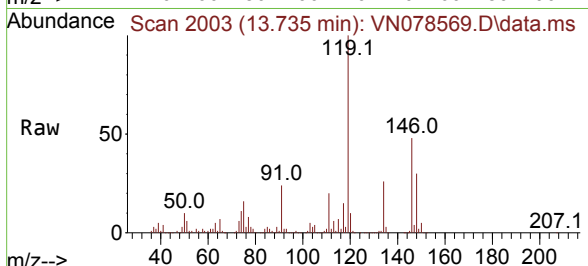




#87
 1,3-Dichlorobenzene
 Concen: 45.680 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

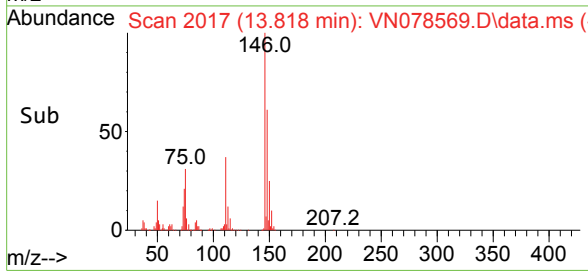
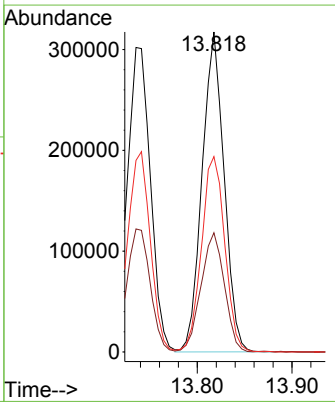
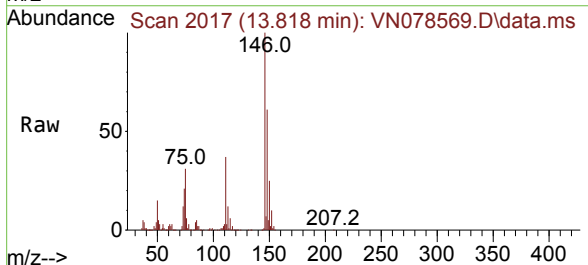
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

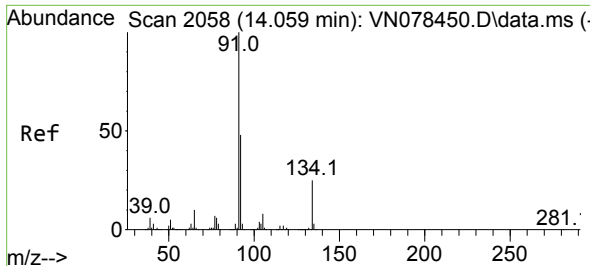
Tgt Ion:	146	Resp:	520880
Ion Ratio	Lower	Upper	
146	100		
111	40.7	22.1	66.3
148	64.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 44.512 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion:	146	Resp:	511249
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.6	61.8
148	64.7	31.6	94.8

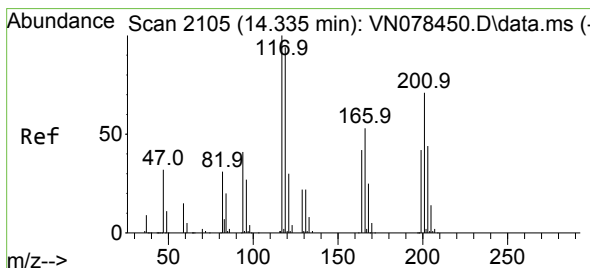
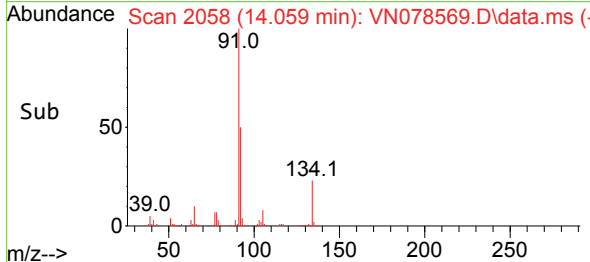
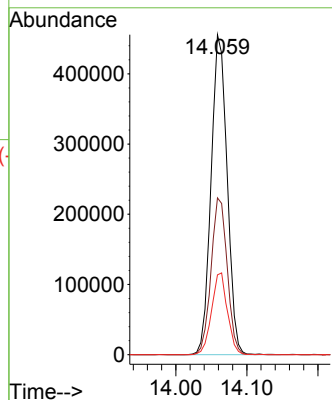
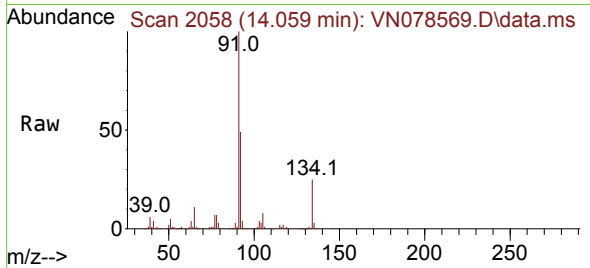




#89
n-Butylbenzene
Concen: 49.512 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

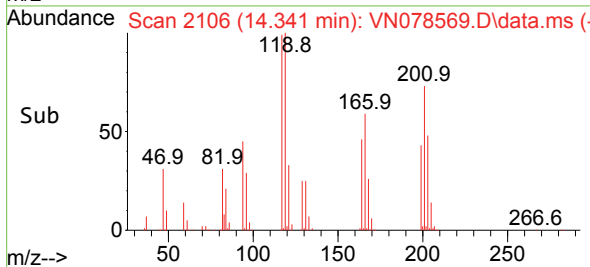
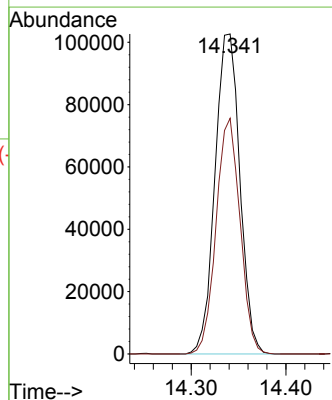
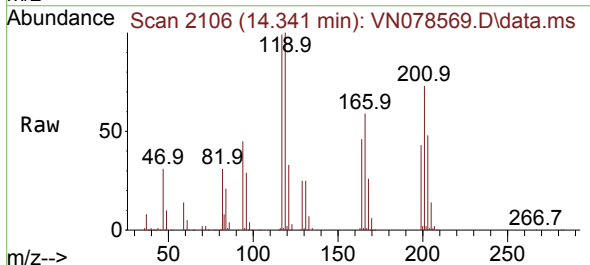
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

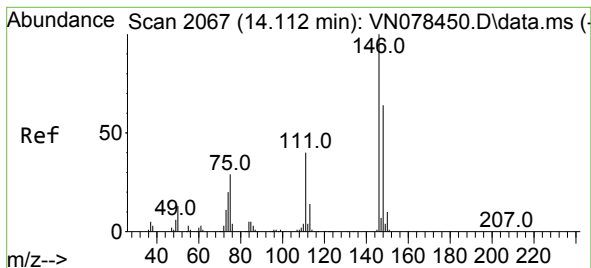
Tgt Ion: 91 Resp: 716434
Ion Ratio Lower Upper
91 100
92 49.3 26.4 79.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 50.470 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion: 117 Resp: 187571
Ion Ratio Lower Upper
117 100
201 70.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 45.122 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

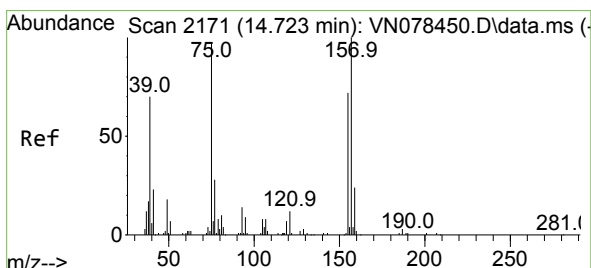
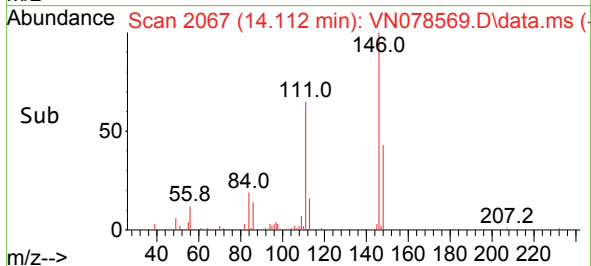
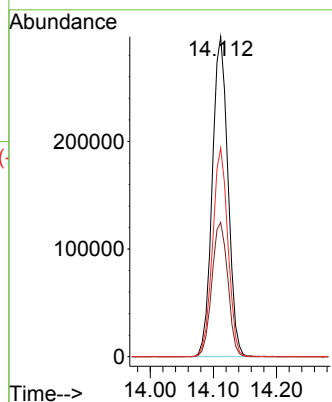
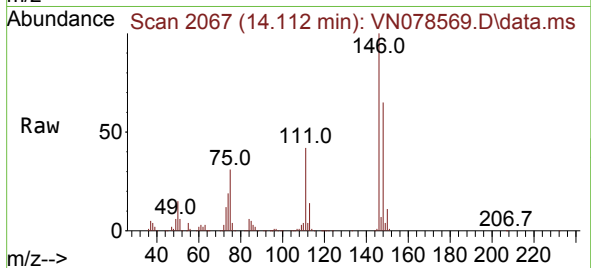
Tgt Ion:146 Resp: 512037

Ion Ratio Lower Upper

146 100

111 42.6 22.0 66.0

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.919 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078569.D

Acq: 18 Jul 2023 18:29

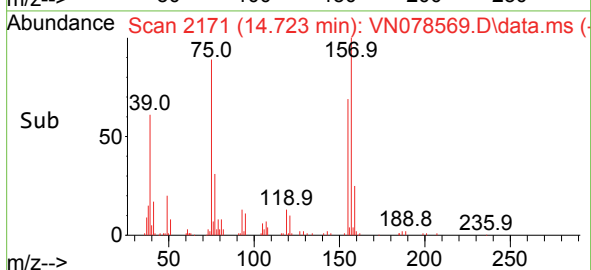
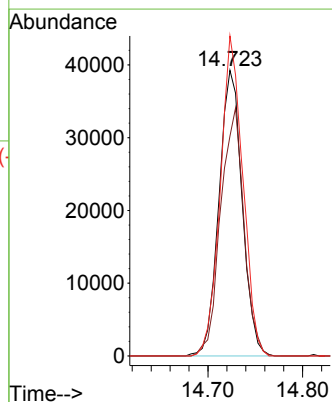
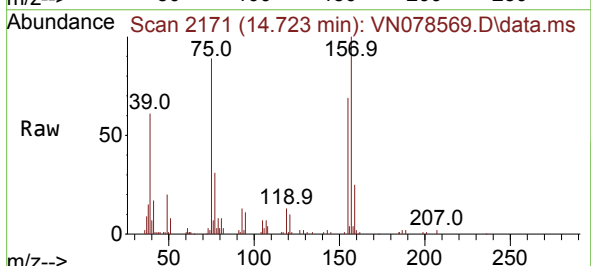
Tgt Ion: 75 Resp: 66887

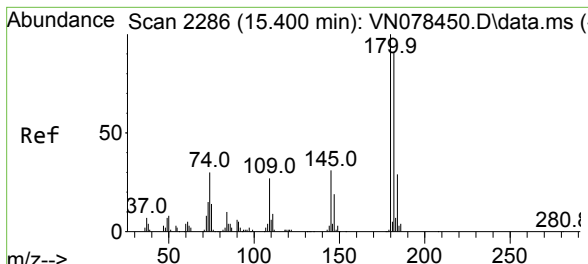
Ion Ratio Lower Upper

75 100

155 87.1 39.1 117.2

157 108.8 50.3 150.9

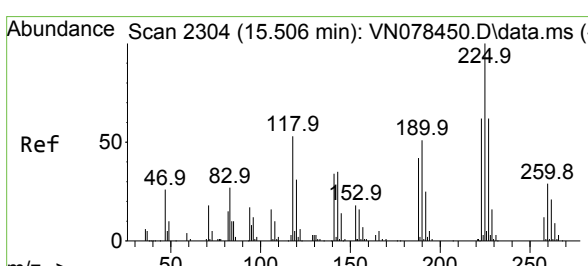
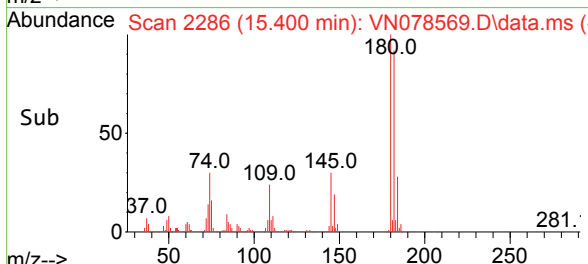
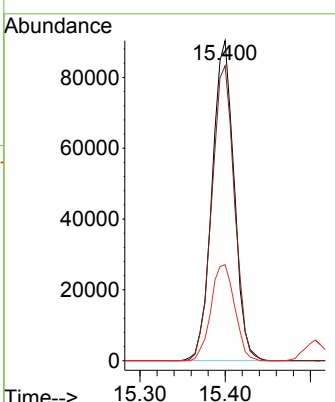
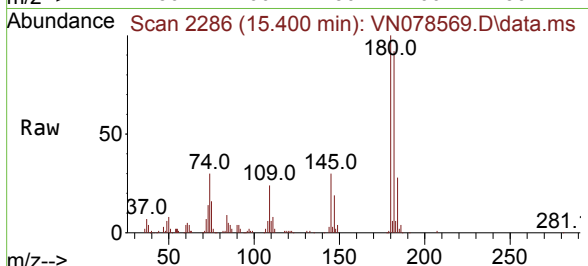




#93
 1,2,4-Trichlorobenzene
 Concen: 44.640 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

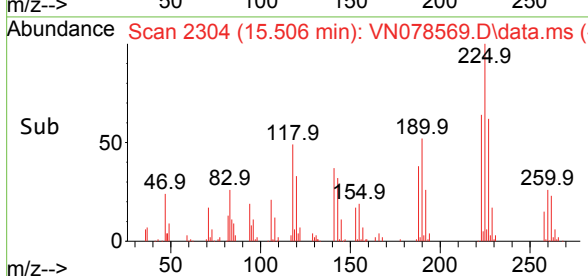
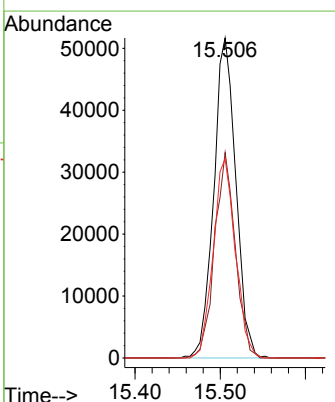
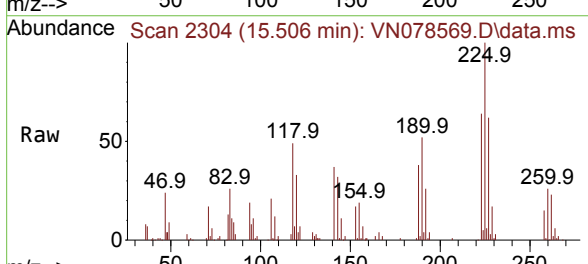
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

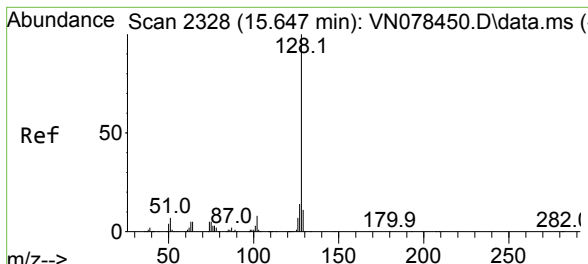
Tgt Ion:	180	Resp:	161672
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.1	138.2
145	32.5	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 49.596 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078569.D
 Acq: 18 Jul 2023 18:29

Tgt Ion:	225	Resp:	92985
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.3	93.8
227	62.5	31.9	95.9

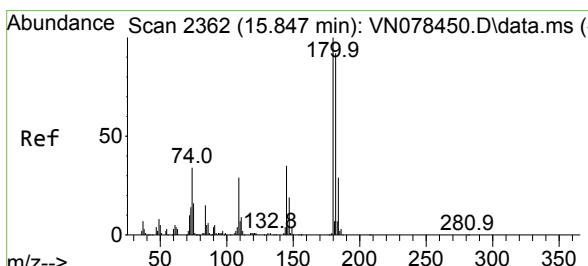
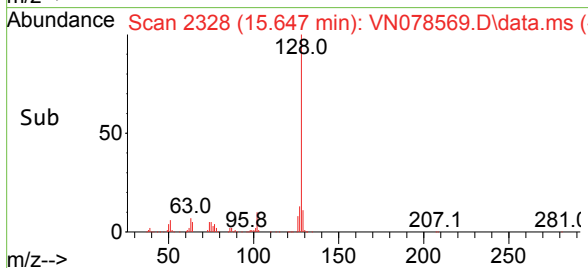
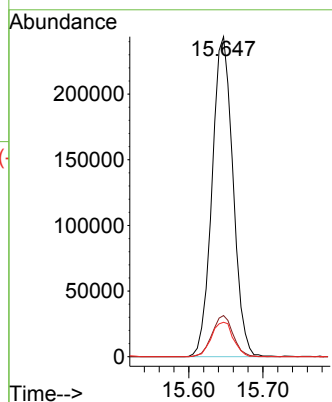
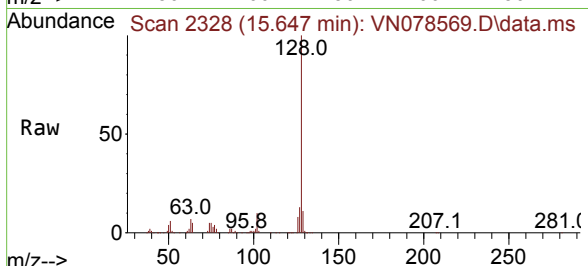




#95
Naphthalene
Concen: 38.507 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 476777
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 42.904 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078569.D
Acq: 18 Jul 2023 18:29

Tgt Ion:180 Resp: 178669
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 33.3 17.5 52.6

