

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078429.D
 Acq On : 27 Jun 2023 20:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 28 07:16:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	660291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	286344	50.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.177	113	262144	55.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.660%	
50) Toluene-d8	10.571	98	923151	50.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.853	95	296411	52.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	194955	40.746	ug/l	99
3) Chloromethane	2.371	50	230355	51.220	ug/l	99
4) Vinyl Chloride	2.518	62	314901	50.261	ug/l	100
5) Bromomethane	2.942	94	230462	48.673	ug/l	100
6) Chloroethane	3.118	64	290003	67.900	ug/l	96
7) Trichlorofluoromethane	3.501	101	612707	72.115	ug/l	97
8) Diethyl Ether	3.965	74	212278	71.107	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	324246	72.313	ug/l	97
10) Methyl Iodide	4.600	142	462955	73.008	ug/l	98
11) Tert butyl alcohol	5.536	59	286222	367.300	ug/l	99
12) 1,1-Dichloroethene	4.348	96	316482	68.470	ug/l	88
13) Acrolein	4.189	56	366928	427.234	ug/l	96
14) Allyl chloride	5.036	41	449357	79.641	ug/l	91
15) Acrylonitrile	5.736	53	759752	378.165	ug/l	98
16) Acetone	4.442	43	641305	394.789	ug/l	91
17) Carbon Disulfide	4.718	76	791513	66.530	ug/l	99
18) Methyl Acetate	5.036	43	579834	77.530	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	1069252	72.504	ug/l	97
20) Methylene Chloride	5.289	84	368926	68.727	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	328470	65.888	ug/l #	82
22) Diisopropyl ether	6.683	45	739827	55.743	ug/l	96
23) Vinyl Acetate	6.612	43	2199458	278.785	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	466121	53.239	ug/l	96
25) 2-Butanone	7.494	43	686398	274.777	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	365662	56.563	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	298634	50.220	ug/l	95
28) Bromochloromethane	7.818	49	212832	52.945	ug/l	93
29) Tetrahydrofuran	7.847	42	463798	277.734	ug/l	84
30) Chloroform	7.971	83	504100	53.469	ug/l	98
31) Cyclohexane	8.265	56	348151	48.091	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	452511	54.671	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360986	53.115	ug/l	98
37) Ethyl Acetate	7.565	43	298504	56.223	ug/l #	95
38) Carbon Tetrachloride	8.371	117	391484	54.553	ug/l	97
39) Methylcyclohexane	9.606	83	319605	45.377	ug/l	91
40) Benzene	8.612	78	1096740	54.053	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	156523	54.390	ug/l	93
42) 1,2-Dichloroethane	8.677	62	374708	53.862	ug/l	99
43) Isopropyl Acetate	8.694	43	524795	51.685	ug/l	93
44) Trichloroethene	9.359	130	278964	52.062	ug/l	98
45) 1,2-Dichloropropane	9.624	63	286721	56.797	ug/l	97
46) Dibromomethane	9.718	93	201059	54.073	ug/l	94
47) Bromodichloromethane	9.894	83	397391	57.536	ug/l	100
48) Methyl methacrylate	9.688	41	243499	57.145	ug/l	88
49) 1,4-Dioxane	9.700	88	101393	1132.137	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1532393	286.596	ug/l	94
52) Toluene	10.635	92	695526	54.293	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	414047	57.562	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	454438	57.152	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	276955	57.150	ug/l	96
56) Ethyl methacrylate	10.876	69	400618	56.775	ug/l	91
57) 1,3-Dichloropropane	11.171	76	469585	57.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	720507	252.764	ug/l	92
59) 2-Hexanone	11.200	43	1087116	292.002	ug/l	92
60) Dibromochloromethane	11.365	129	310276	58.511	ug/l	99
61) 1,2-Dibromoethane	11.476	107	286543	56.344	ug/l	99
64) Tetrachloroethene	11.106	164	226853	51.499	ug/l	95
65) Chlorobenzene	11.894	112	738882	52.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	285122	54.822	ug/l	99
67) Ethyl Benzene	11.971	91	1311722	53.761	ug/l	98
68) m/p-Xylenes	12.076	106	1004273	108.003	ug/l	99
69) o-Xylene	12.406	106	498392	54.580	ug/l	98
70) Styrene	12.418	104	798148	55.521	ug/l	98
71) Bromoform	12.582	173	194729	58.018	ug/l #	97
73) Isopropylbenzene	12.700	105	1197577	48.731	ug/l	99
74) N-amyl acetate	12.500	43	423883	52.378	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	386122	57.492	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	464160	75.550	ug/l	71
77) Bromobenzene	12.982	156	289152	50.685	ug/l	97
78) n-propylbenzene	13.041	91	1329101	49.778	ug/l	100
79) 2-Chlorotoluene	13.129	91	843772	48.956	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	986546	49.583	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	110348	55.182	ug/l	92
82) 4-Chlorotoluene	13.229	91	818632	50.892	ug/l	99
83) tert-Butylbenzene	13.441	119	831711	48.088	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	972476	50.413	ug/l	98
85) sec-Butylbenzene	13.623	105	1030011	45.501	ug/l	99
86) p-Isopropyltoluene	13.735	119	852137	46.387	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	476466	49.375	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	460316	49.435	ug/l	100
89) n-Butylbenzene	14.059	91	654353	45.160	ug/l	97
90) Hexachloroethane	14.341	117	162094	49.721	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	466111	49.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59586	48.950	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	148221	44.110	ug/l	95
94) Hexachlorobutadiene	15.506	225	82625	50.173	ug/l	97
95) Naphthalene	15.647	128	493069	43.623	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	168920	44.948	ug/l	99

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ALS Vial : 20 Sample Multiplier: 1

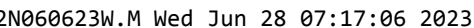
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MSVOA_N
ClientSampleId :
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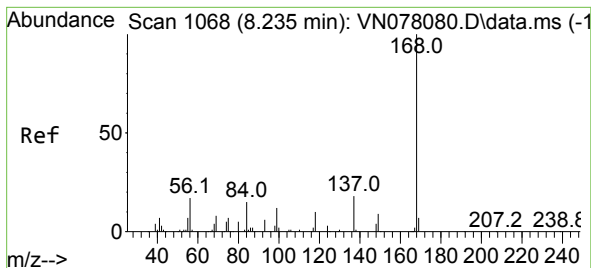
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.005 min

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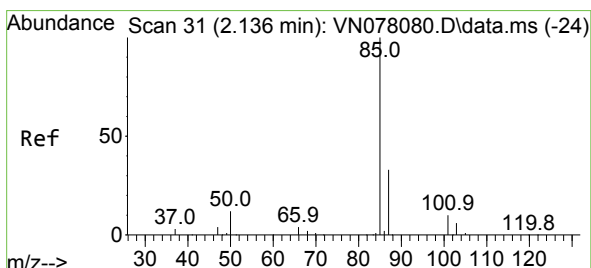
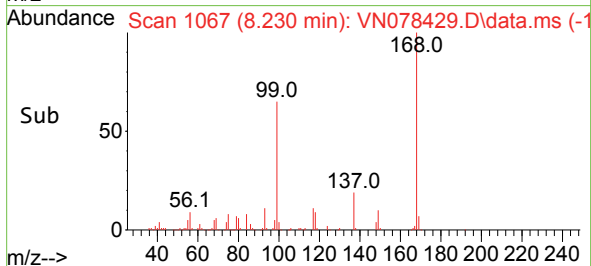
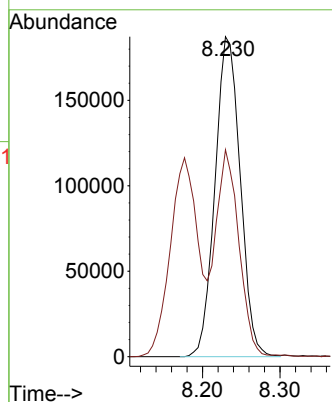
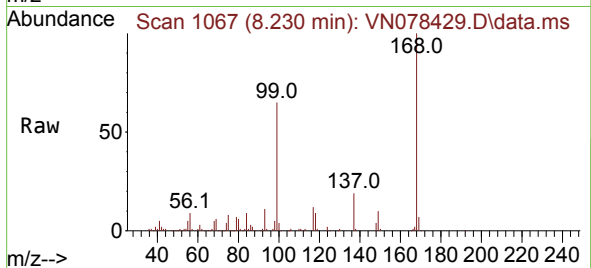
VSTDCCC050EC

Tgt Ion:168 Resp: 423276

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 40.746 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078429.D

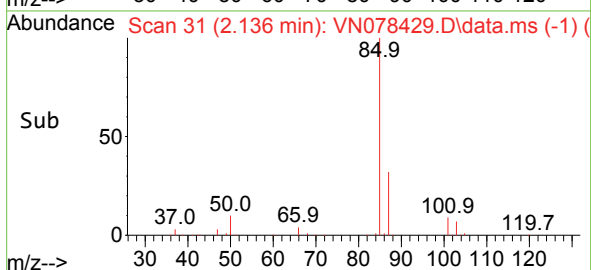
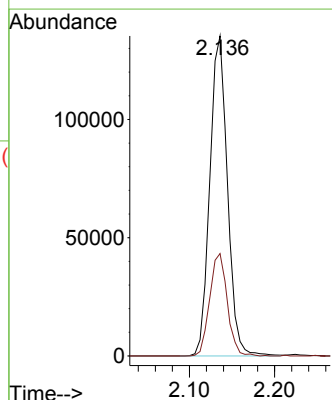
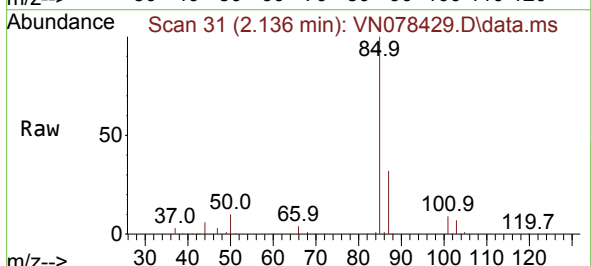
Acq: 27 Jun 2023 20:17

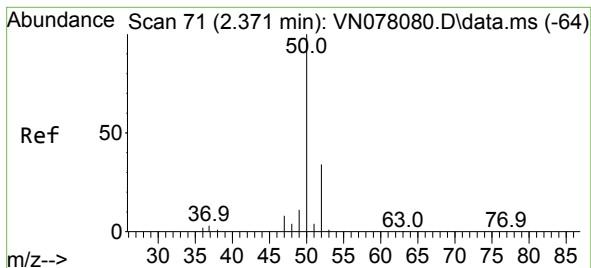
Tgt Ion: 85 Resp: 194955

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4





#3

Chloromethane

Concen: 51.220 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

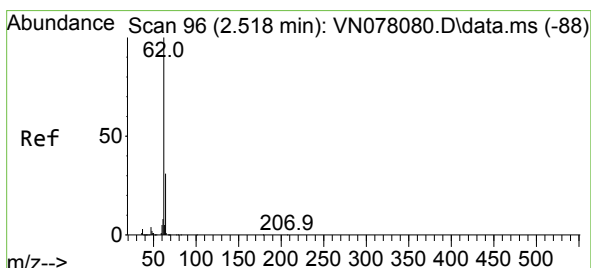
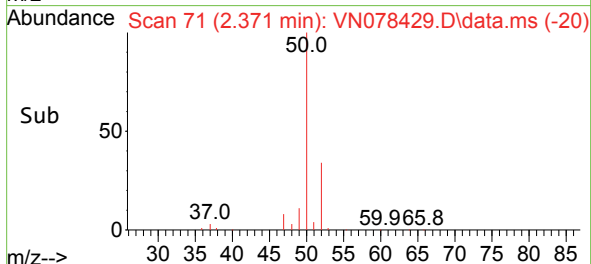
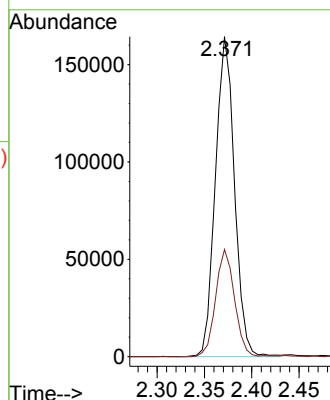
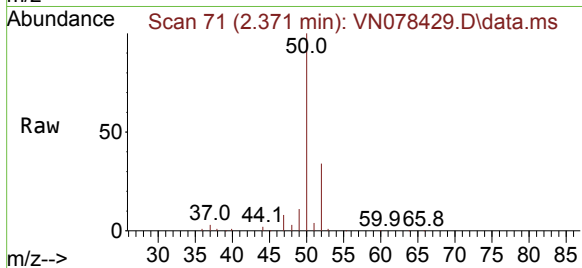
VSTDCCC050EC

Tgt Ion: 50 Resp: 230355

Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7



#4

Vinyl Chloride

Concen: 50.261 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078429.D

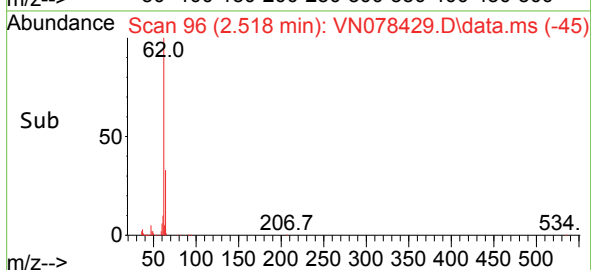
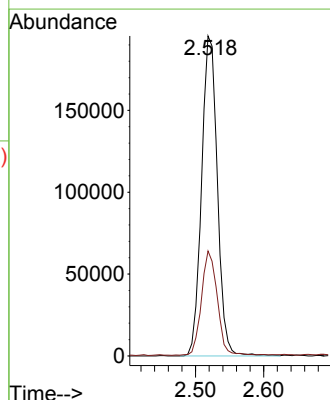
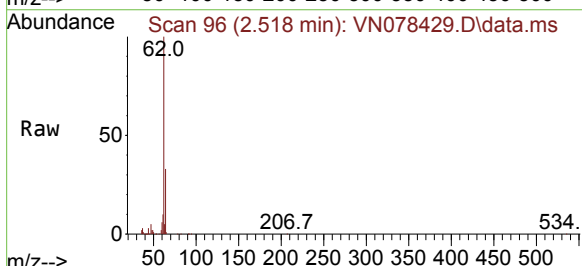
Acq: 27 Jun 2023 20:17

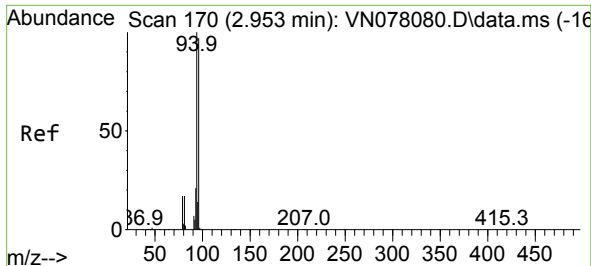
Tgt Ion: 62 Resp: 314901

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2

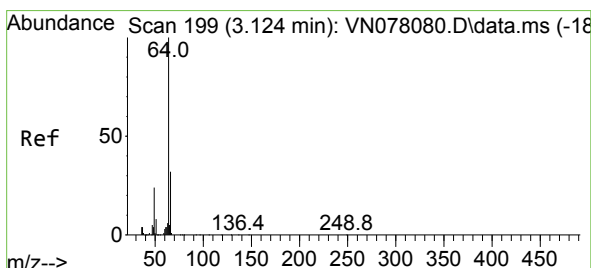
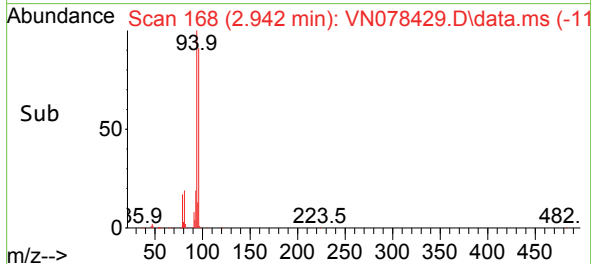
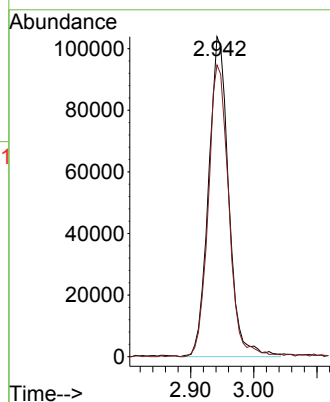
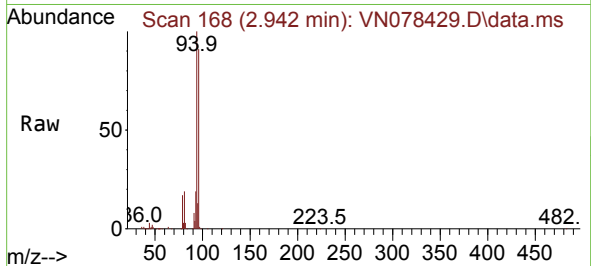




#5
Bromomethane
Concen: 48.673 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078429.D
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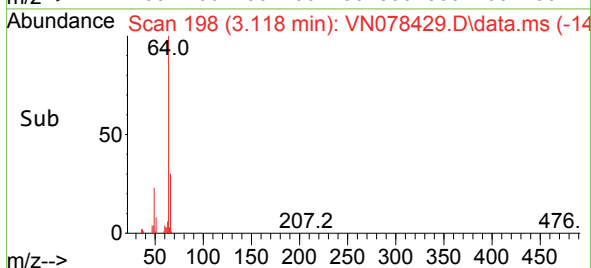
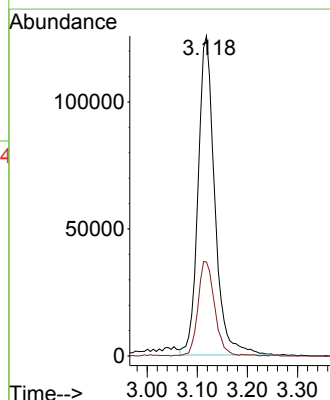
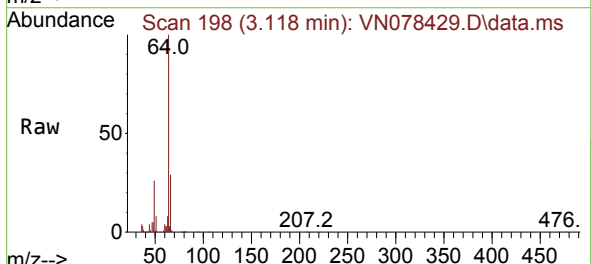
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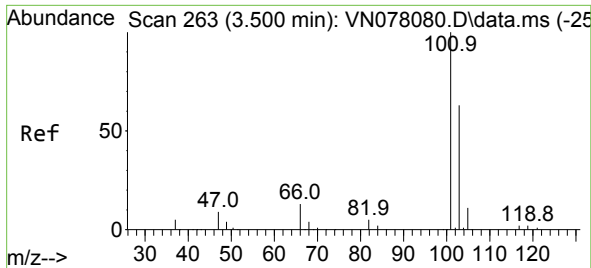
Tgt Ion: 94 Resp: 230462
Ion Ratio Lower Upper
94 100
96 91.2 73.1 109.7



#6
Chloroethane
Concen: 67.900 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 64 Resp: 290003
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2

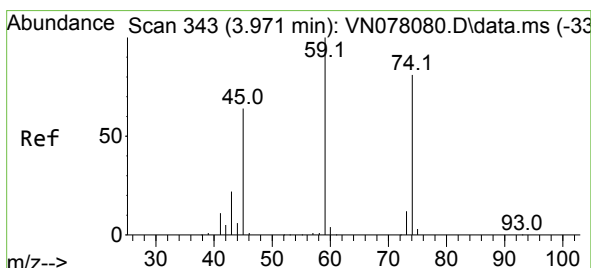
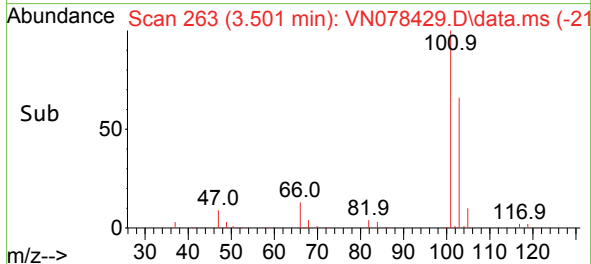
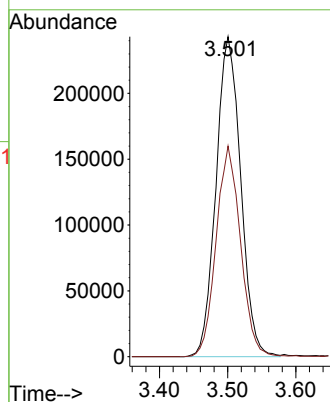
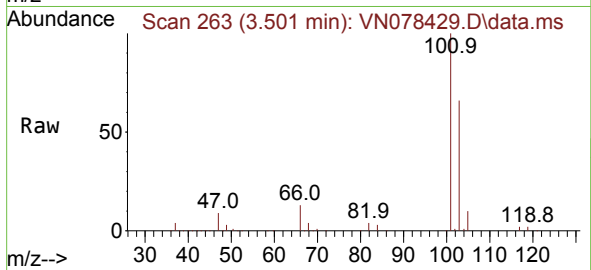




#7
Trichlorofluoromethane
Concen: 72.115 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

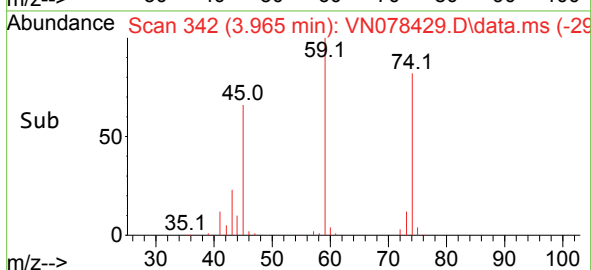
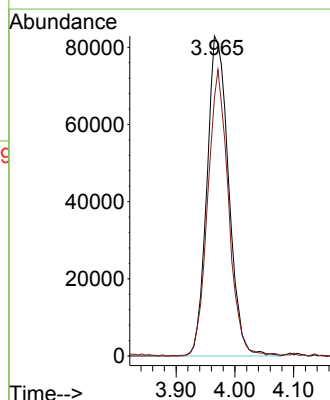
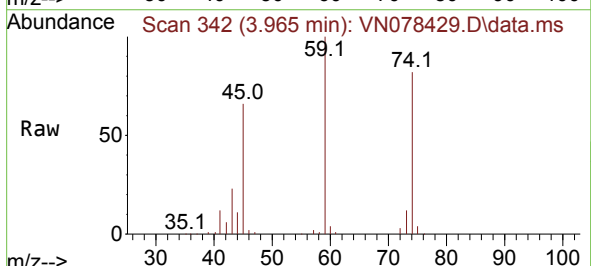
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

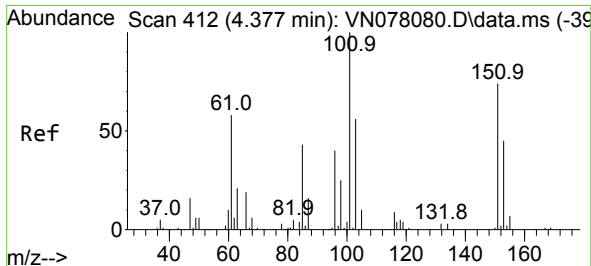
Tgt Ion:101 Resp: 612707
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1



#8
Diethyl Ether
Concen: 71.107 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 74 Resp: 212278
Ion Ratio Lower Upper
74 100
45 85.6 34.4 103.3

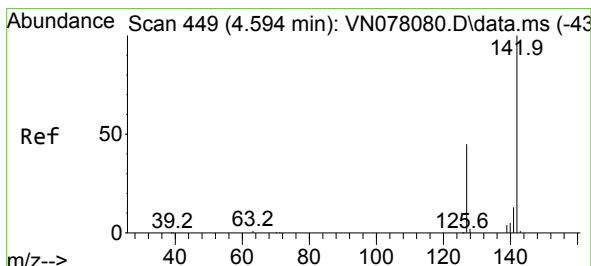
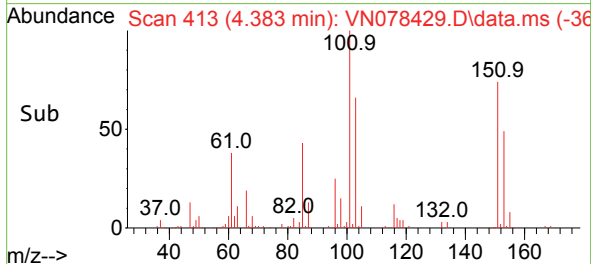
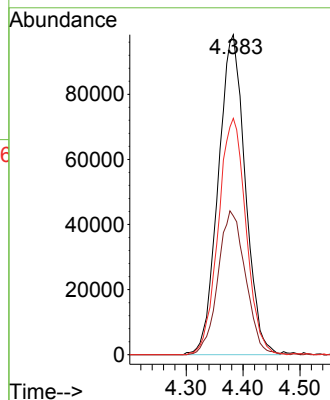
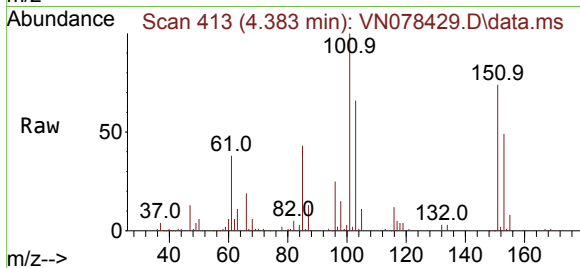




#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.313 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

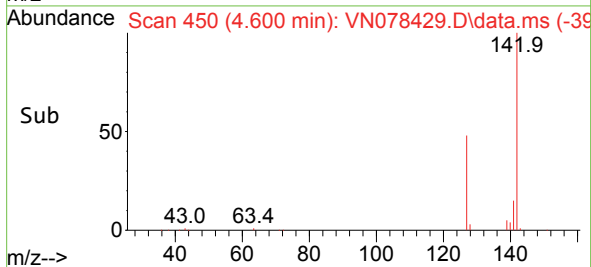
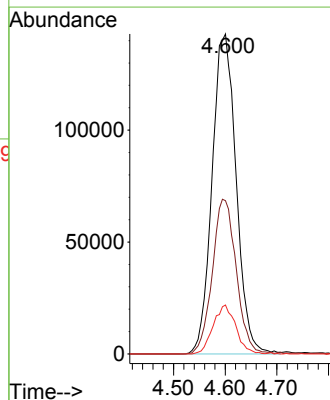
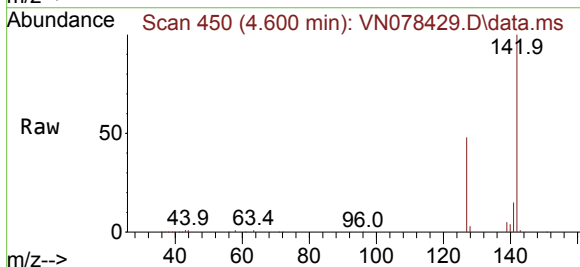
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

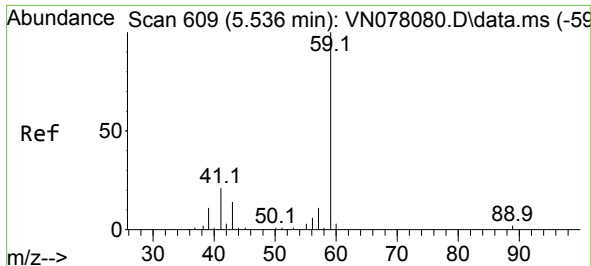
Tgt Ion:101 Resp: 324246
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 75.7 57.6 86.4



#10
Methyl Iodide
Concen: 73.008 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:142 Resp: 462955
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 15.3 11.4 17.0

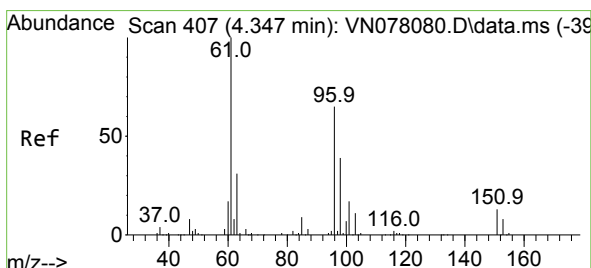
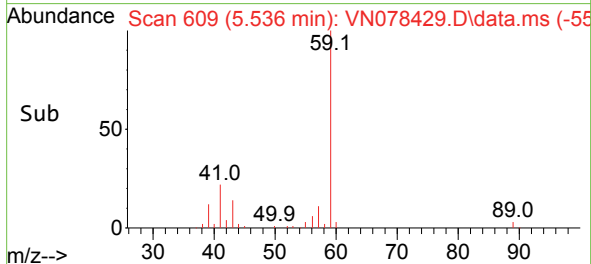
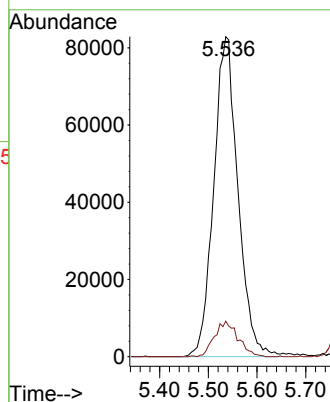
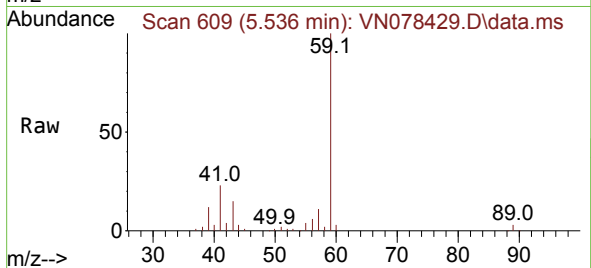




#11
Tert butyl alcohol
Concen: 367.300 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

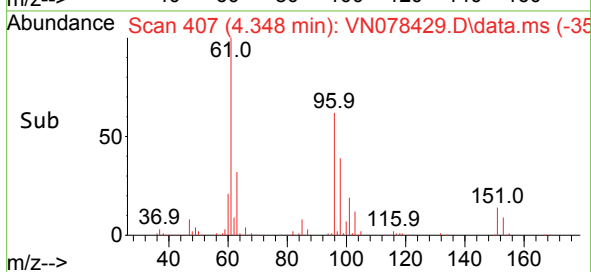
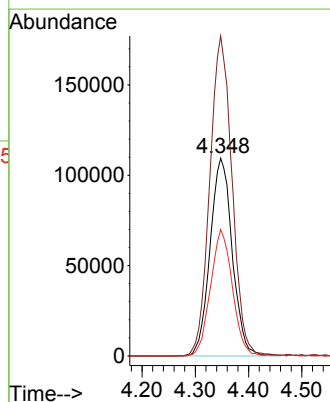
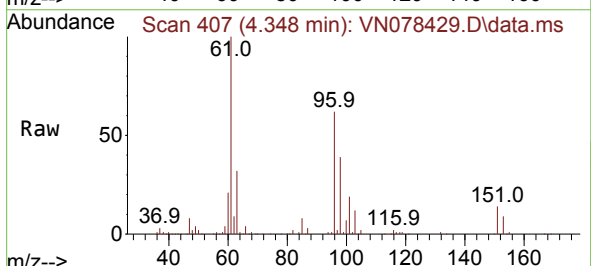
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

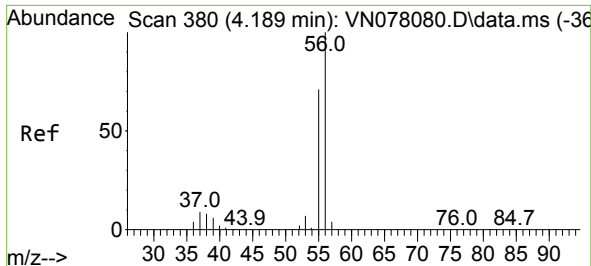
Tgt Ion: 59 Resp: 286222
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 68.470 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 96 Resp: 316482
Ion Ratio Lower Upper
96 100
61 161.5 112.7 169.1
98 63.9 51.2 76.8





#13

Acrolein

Concen: 427.234 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

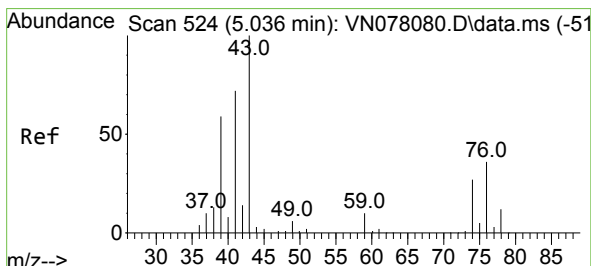
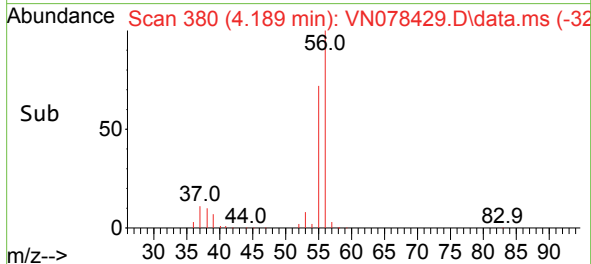
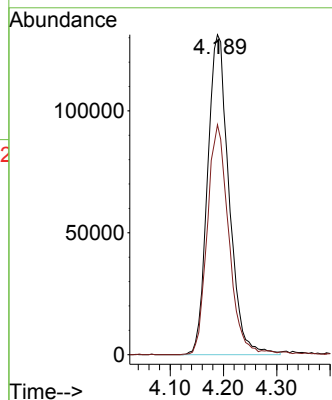
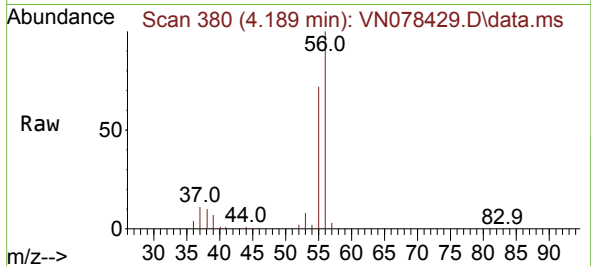
VSTDCCC050EC

Tgt Ion: 56 Resp: 366928

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 79.641 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

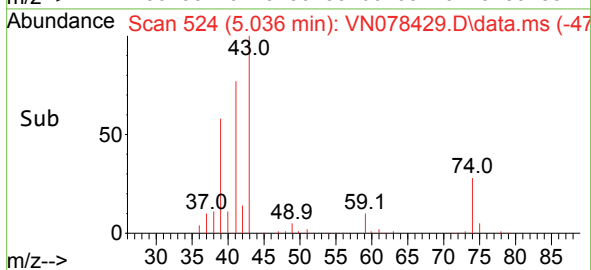
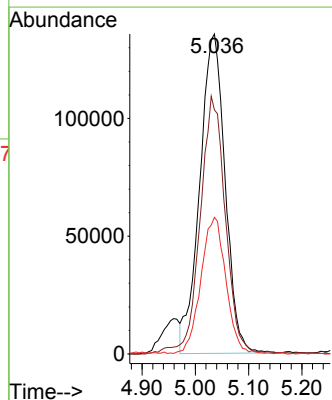
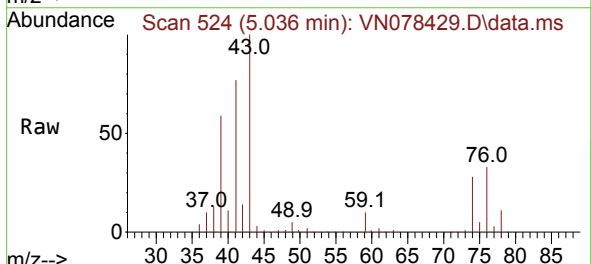
Tgt Ion: 41 Resp: 449357

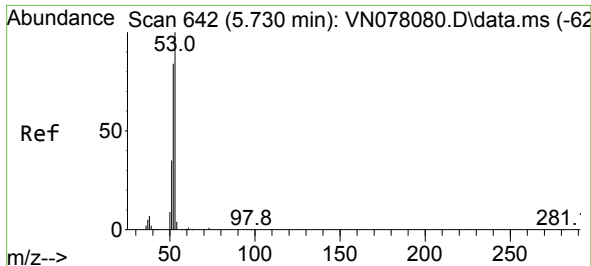
Ion Ratio Lower Upper

41 100

39 80.5 58.8 88.2

76 41.9 39.1 58.7

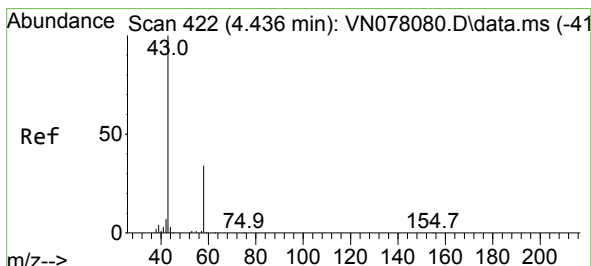
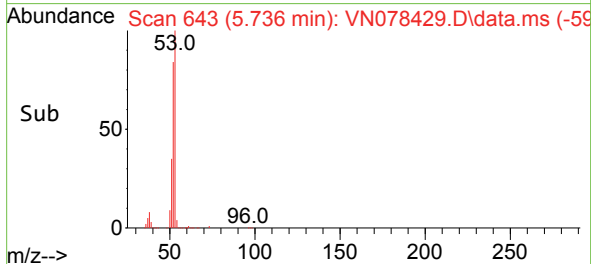
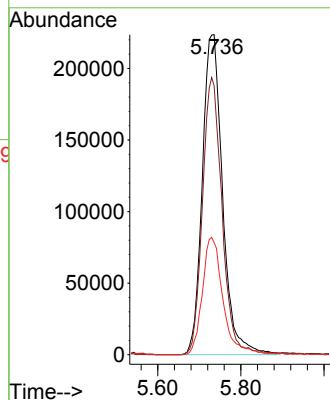
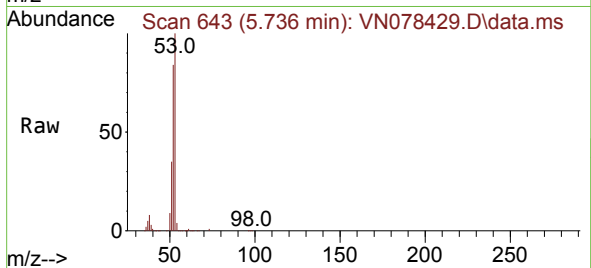




#15
Acrylonitrile
Concen: 378.165 ug/l
RT: 5.736 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

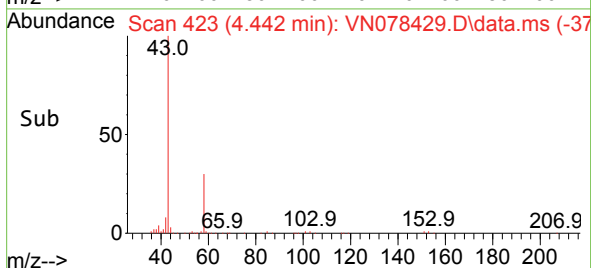
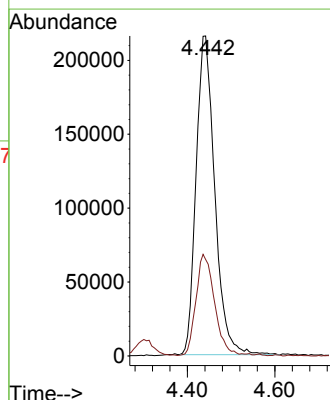
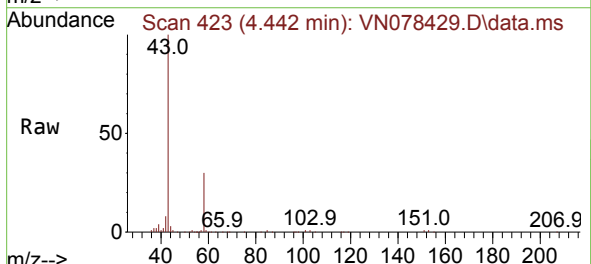
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

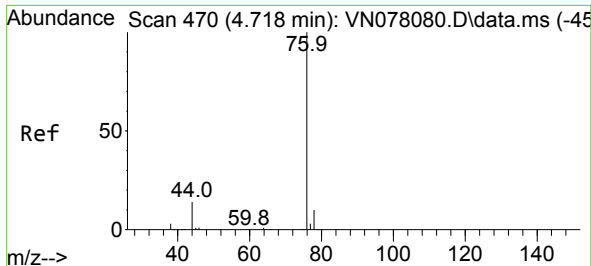
Tgt Ion: 53 Resp: 759752
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 394.789 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 43 Resp: 641305
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

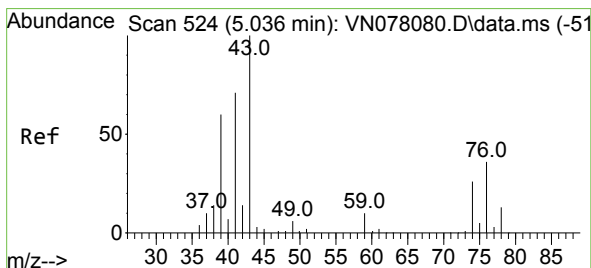
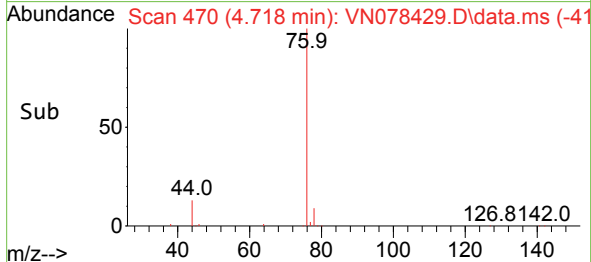
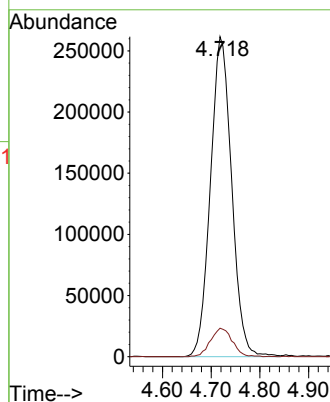
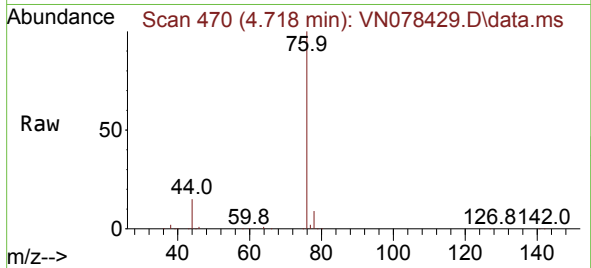




#17
Carbon Disulfide
Concen: 66.530 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

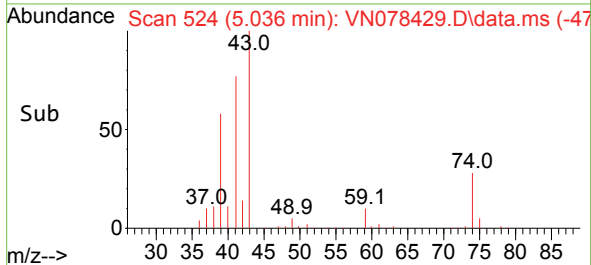
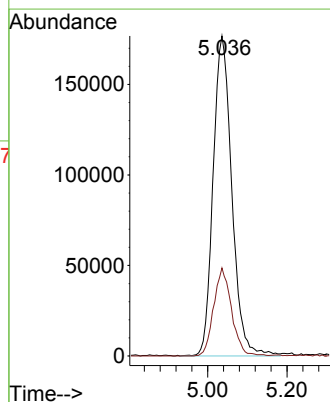
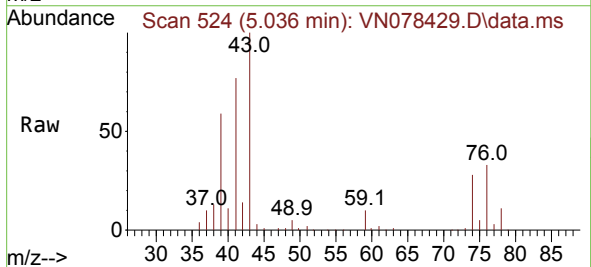
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

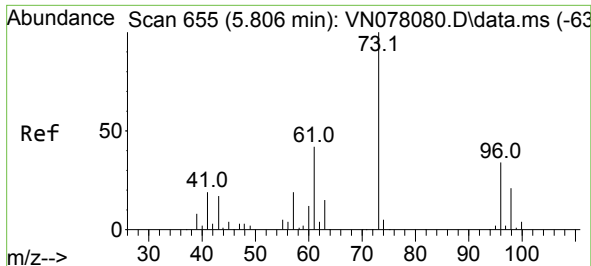
Tgt Ion: 76 Resp: 791513
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 77.530 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 43 Resp: 579834
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4

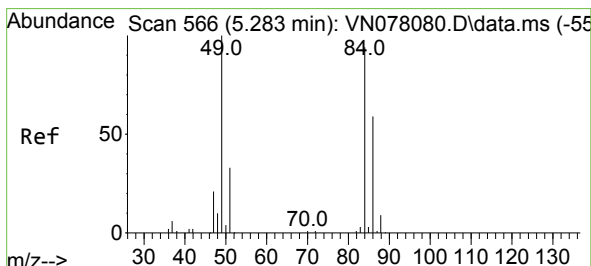
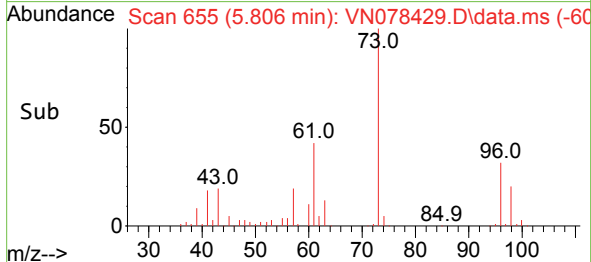
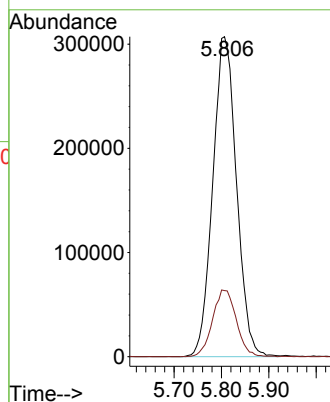
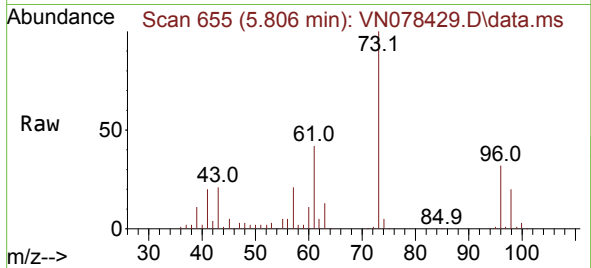




#19
Methyl tert-butyl Ether
Concen: 72.504 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

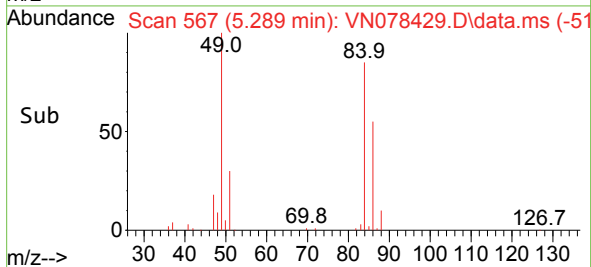
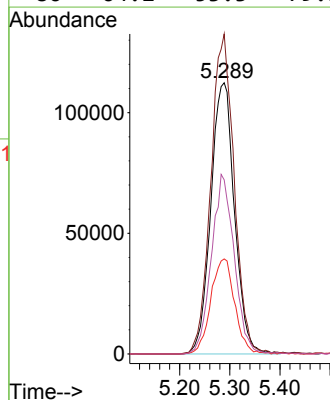
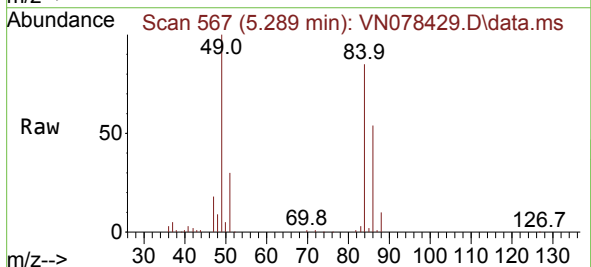
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

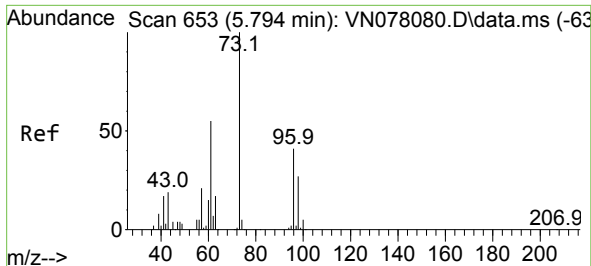
Tgt Ion: 73 Resp: 1069252
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4



#20
Methylene Chloride
Concen: 68.727 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 84 Resp: 368926
Ion Ratio Lower Upper
84 100
49 118.0 79.7 119.5
51 35.0 25.2 37.8
86 64.2 53.3 79.9

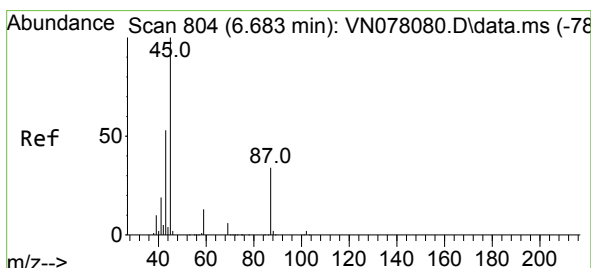
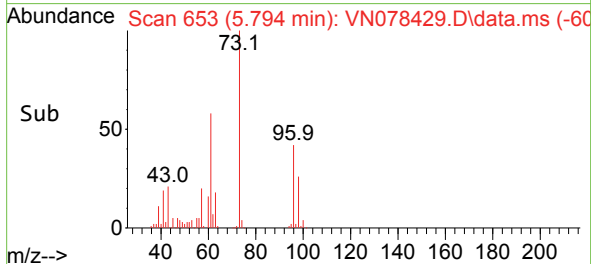
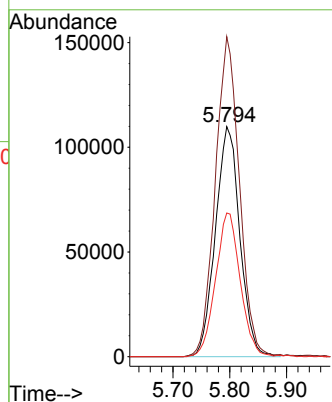
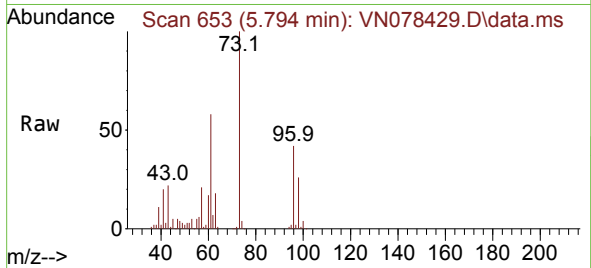




#21
trans-1,2-Dichloroethene
Concen: 65.888 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

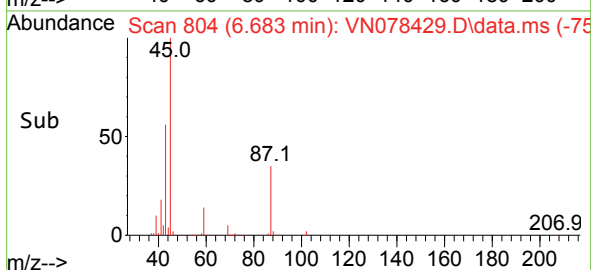
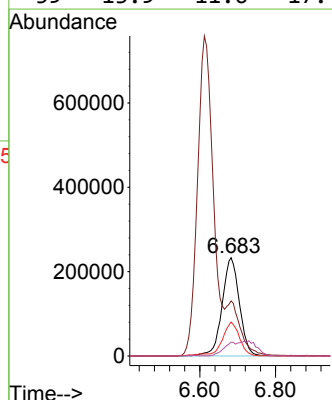
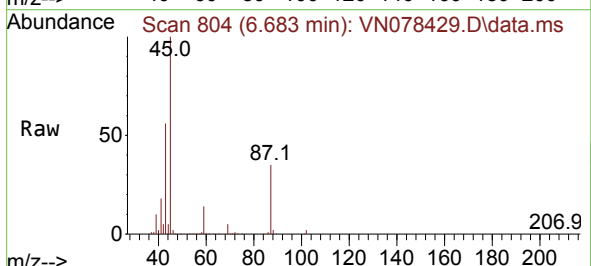
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 328470
Ion Ratio Lower Upper
96 100
61 139.1 90.1 135.1#
98 62.5 46.4 69.6



#22
Diisopropyl ether
Concen: 55.743 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 45 Resp: 739827
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 34.6 31.8 47.8
59 13.9 11.6 17.4

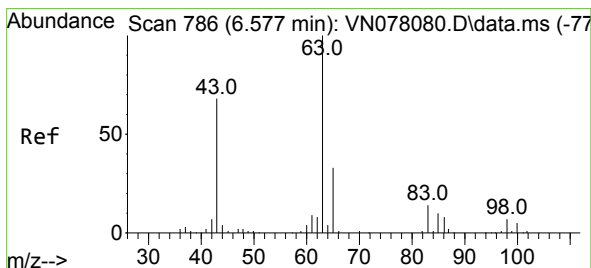
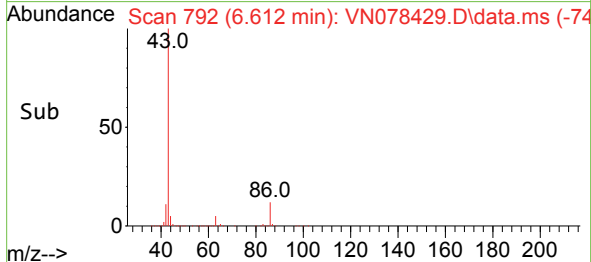
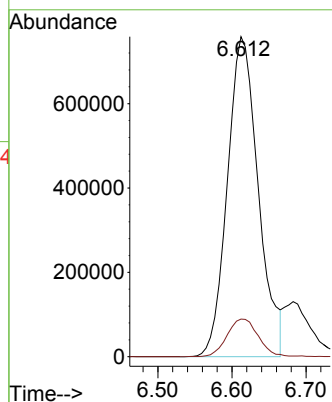
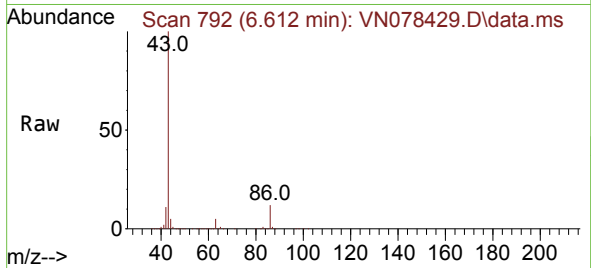




#23
 Vinyl Acetate
 Concen: 278.785 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

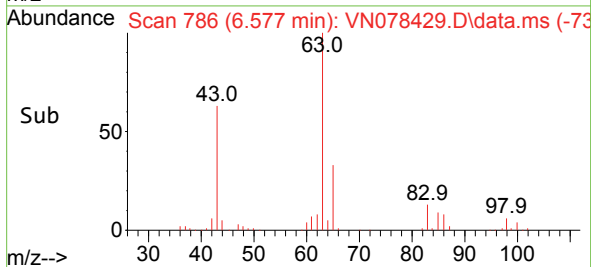
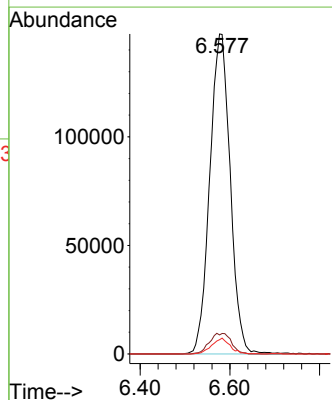
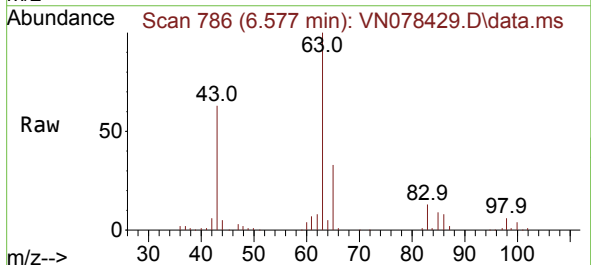
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

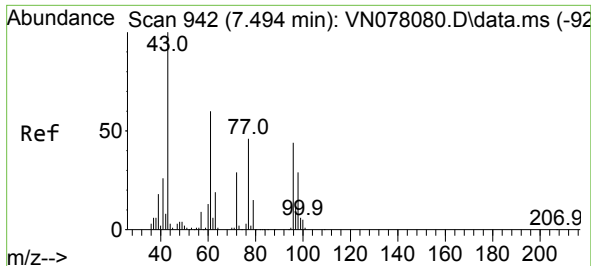
Tgt Ion: 43 Resp: 2199458
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.239 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 63 Resp: 466121
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.4 2.5 7.4

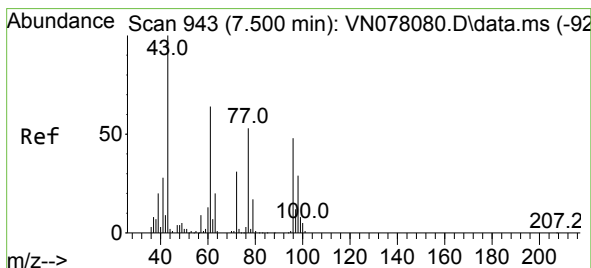
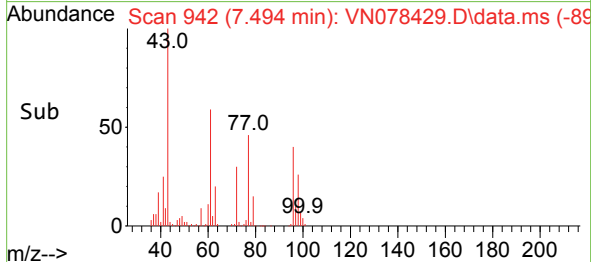
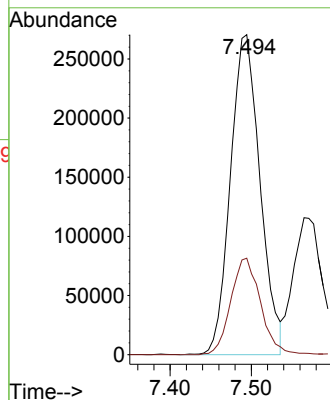
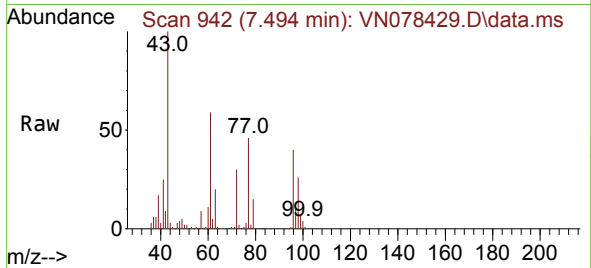




#25
2-Butanone
Concen: 274.777 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

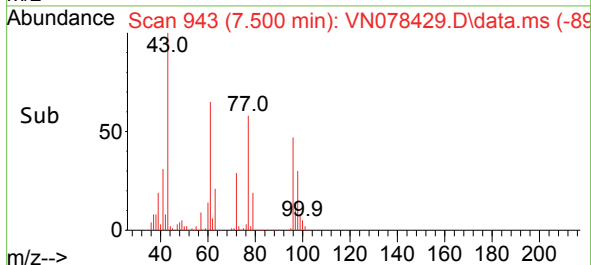
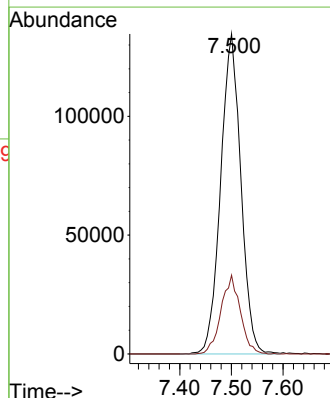
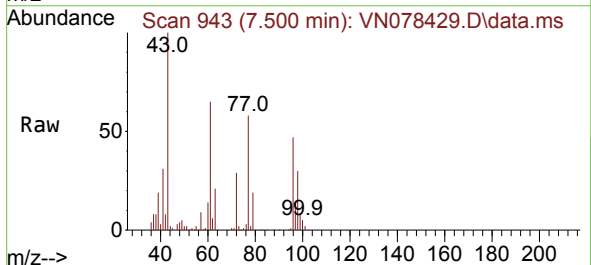
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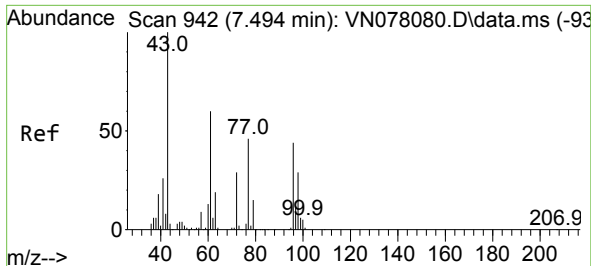
Tgt Ion: 43 Resp: 686398
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 56.563 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

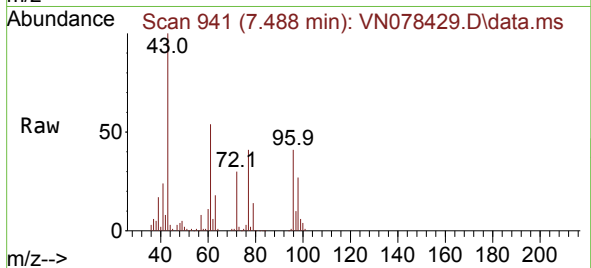
Tgt Ion: 77 Resp: 365662
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





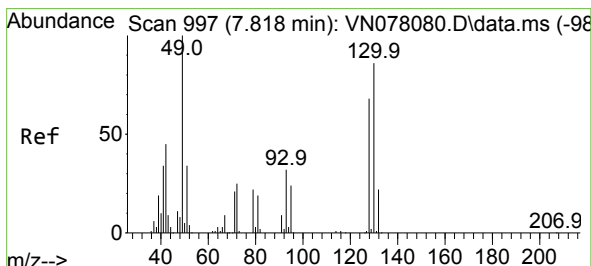
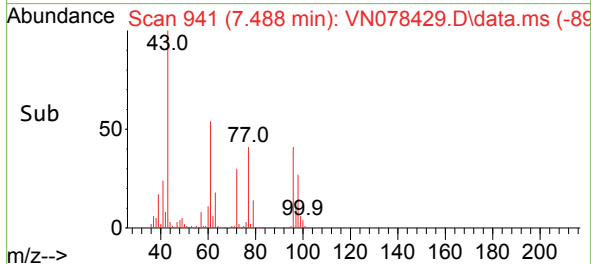
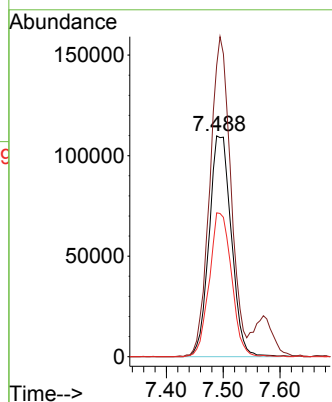
#27
 cis-1,2-Dichloroethene
 Concen: 50.220 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 298634

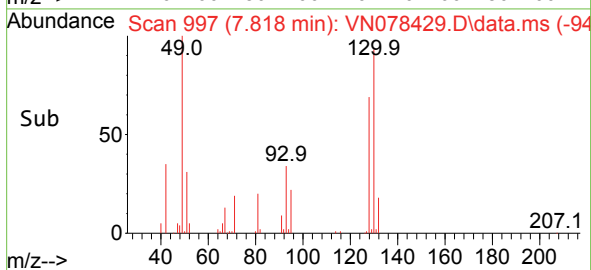
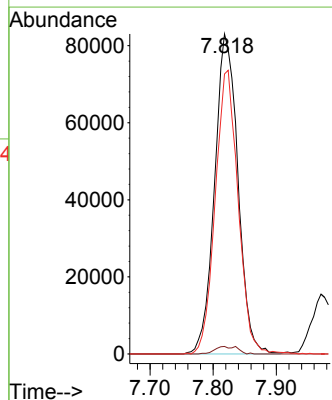
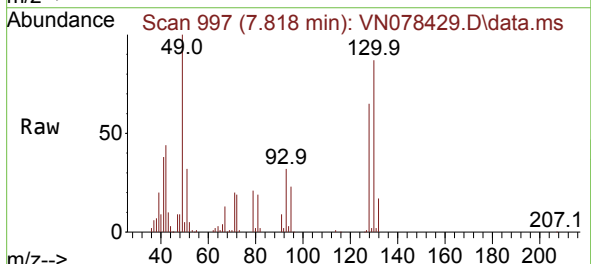
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	255.2
98	64.8	0.0	128.8

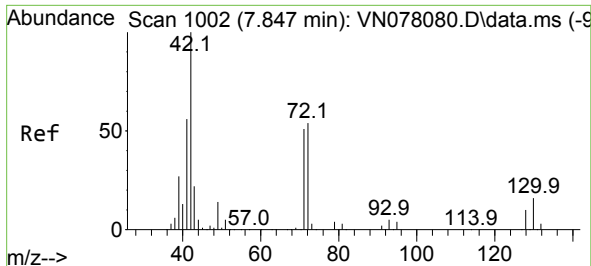


#28
 Bromochloromethane
 Concen: 52.945 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 49 Resp: 212832

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	87.1	75.3	112.9

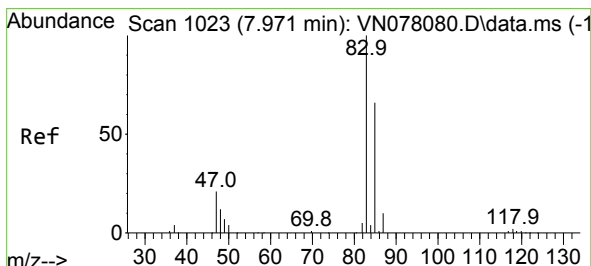
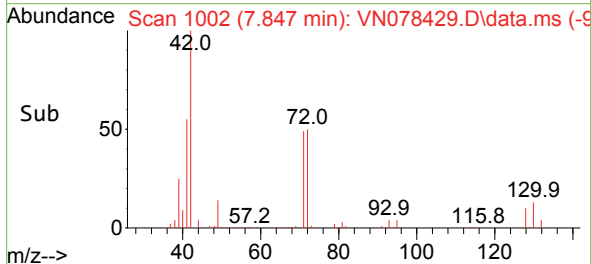
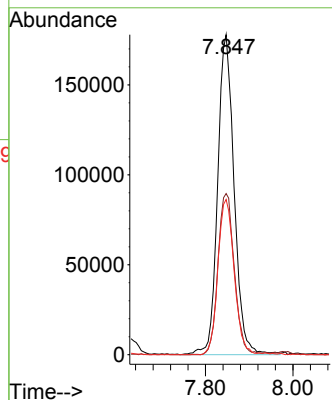
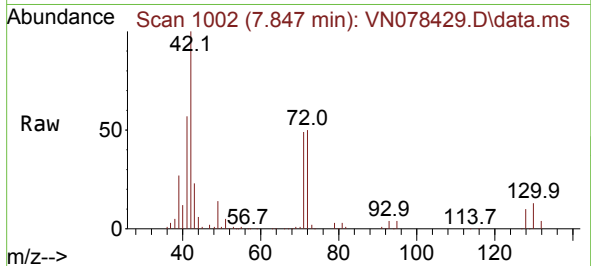




#29
Tetrahydrofuran
Concen: 277.734 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

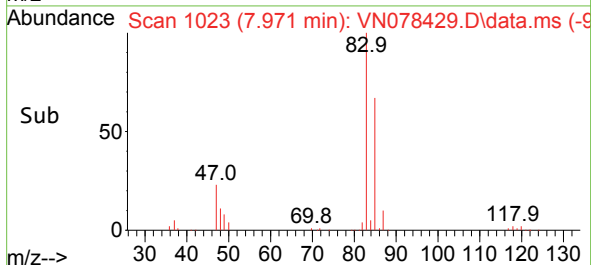
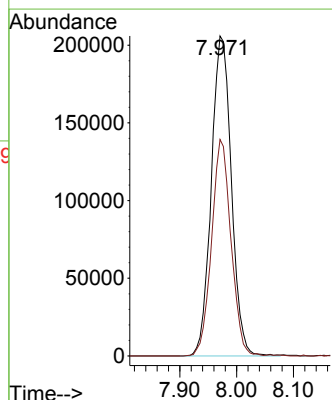
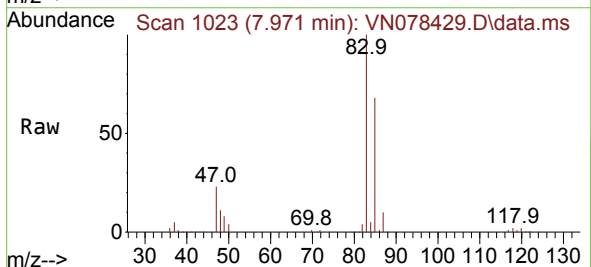
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

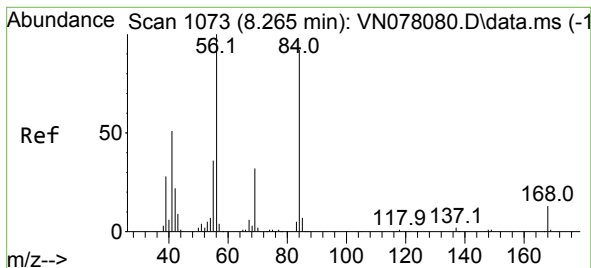
Tgt Ion: 42 Resp: 463798
Ion Ratio Lower Upper
42 100
72 50.1 49.8 74.6
71 47.8 47.4 71.2



#30
Chloroform
Concen: 53.469 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 83 Resp: 504100
Ion Ratio Lower Upper
83 100
85 67.7 55.4 83.0





#31

Cyclohexane

Concen: 48.091 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

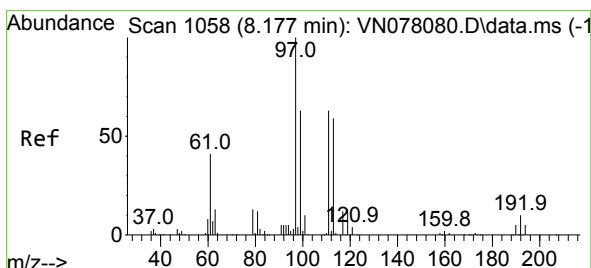
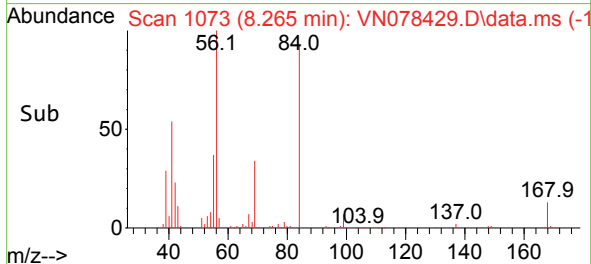
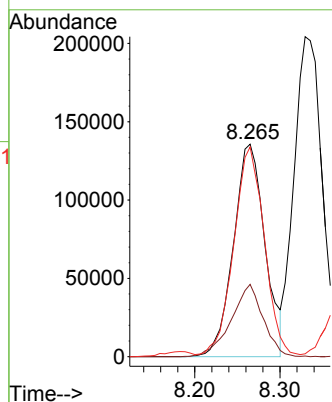
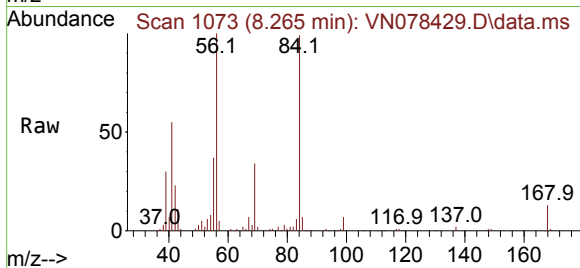
Tgt Ion: 56 Resp: 348151

Ion Ratio Lower Upper

56 100

69 34.0 26.8 40.2

84 96.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 54.671 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

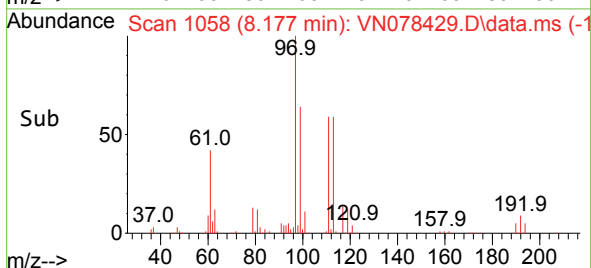
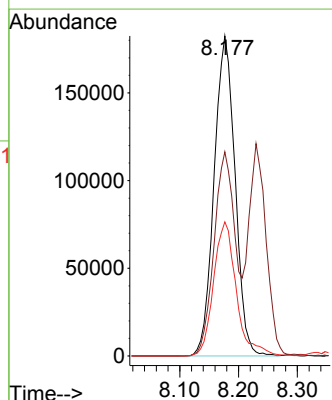
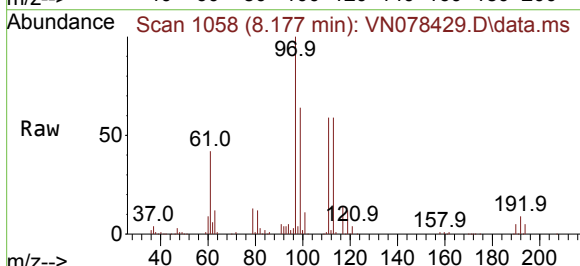
Tgt Ion: 97 Resp: 452511

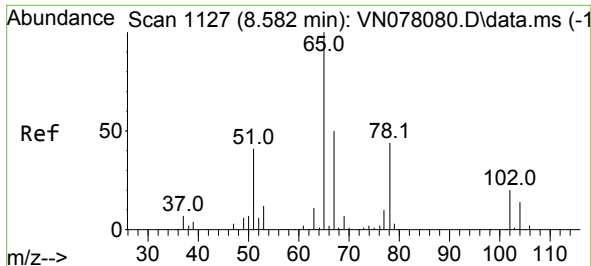
Ion Ratio Lower Upper

97 100

99 64.9 50.3 75.5

61 45.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.738 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

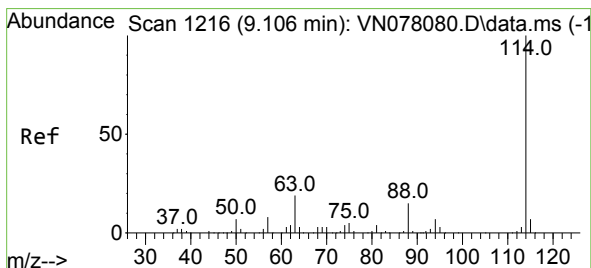
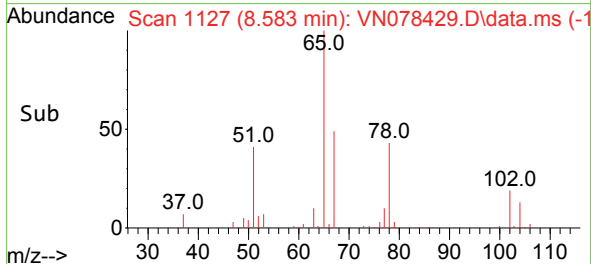
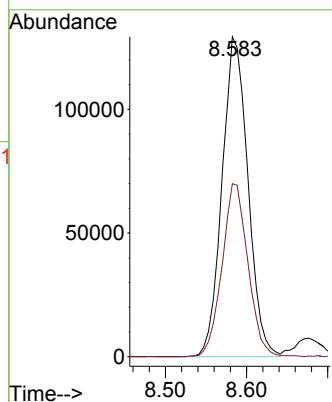
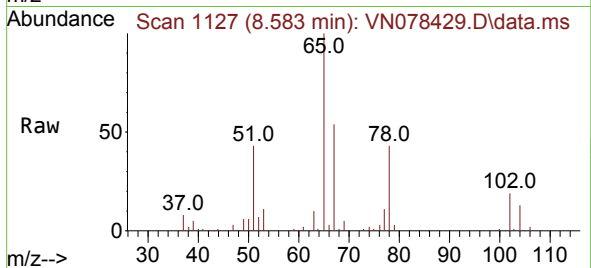
VSTDCCC050EC

Tgt Ion: 65 Resp: 286344

Ion Ratio Lower Upper

65 100

67 54.3 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: VN078429.D

Acq: 27 Jun 2023 20:17

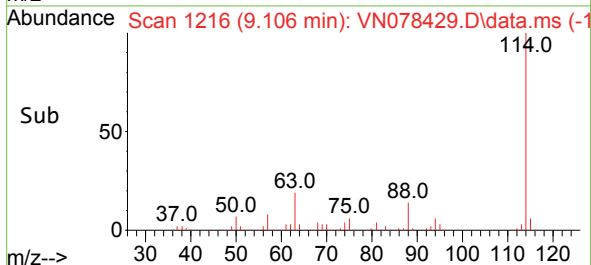
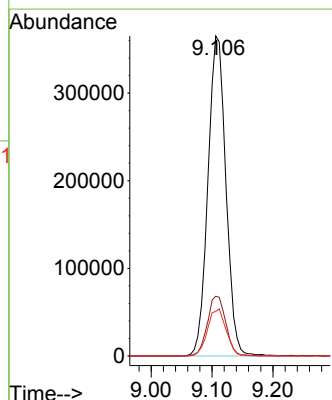
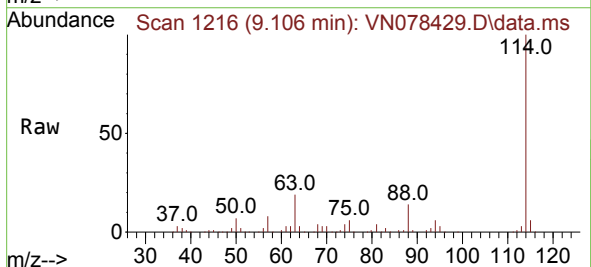
Tgt Ion: 114 Resp: 749369

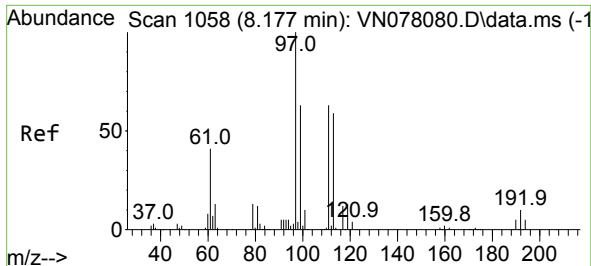
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 13.9 0.0 30.6

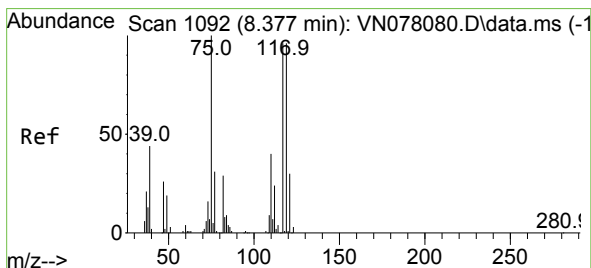
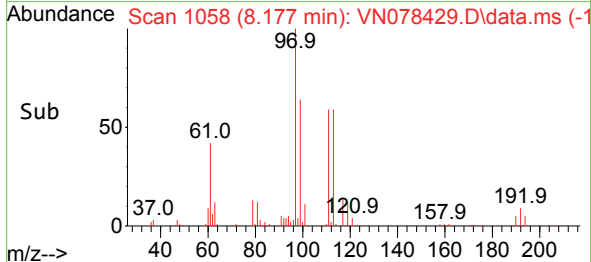
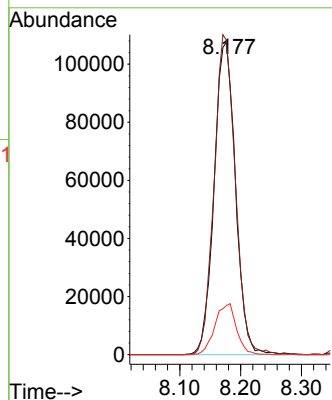
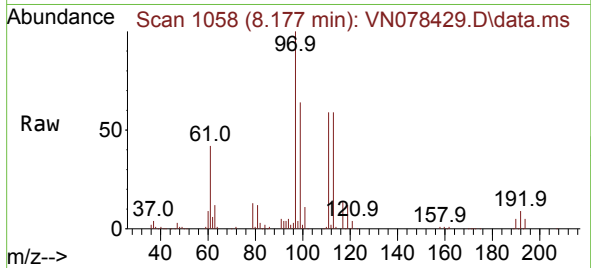




#35
 Dibromofluoromethane
 Concen: 55.326 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

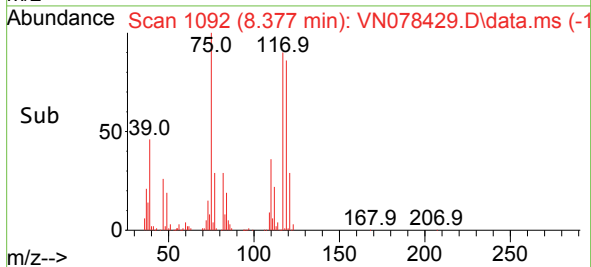
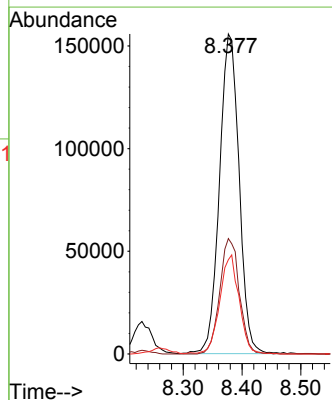
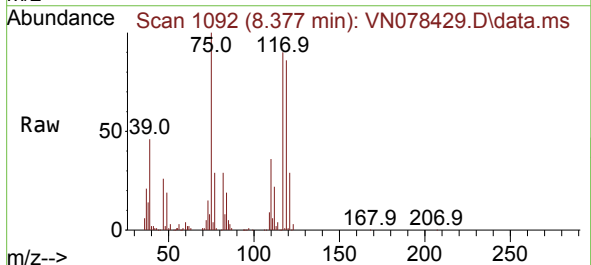
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

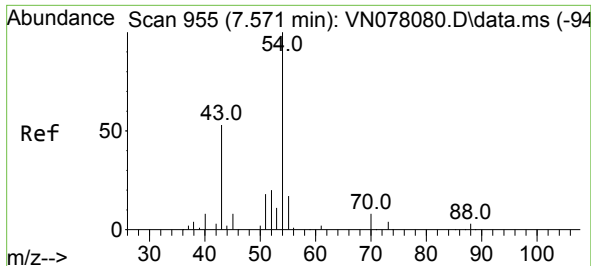
Tgt Ion:113 Resp: 262144
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 123.8
 192 16.5 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 53.115 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 75 Resp: 360986
 Ion Ratio Lower Upper
 75 100
 110 36.1 19.1 57.3
 77 30.6 25.0 37.4

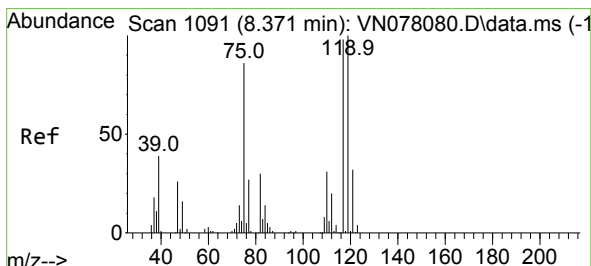
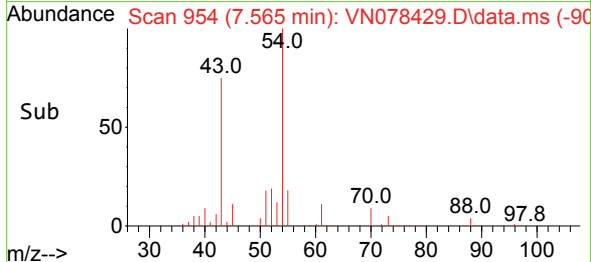
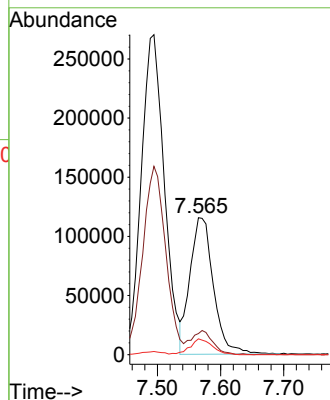
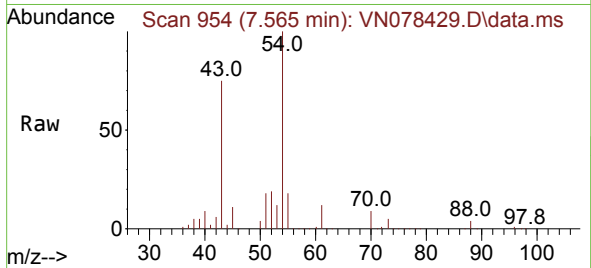




#37
Ethyl Acetate
Concen: 56.223 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

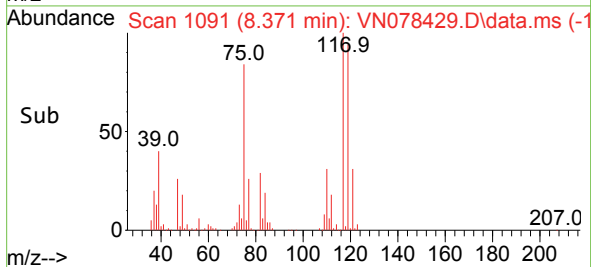
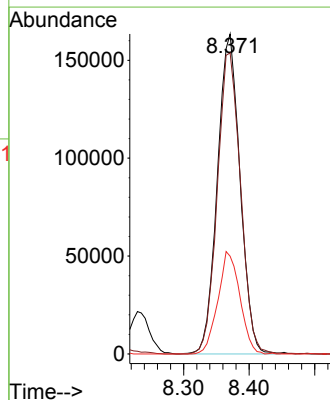
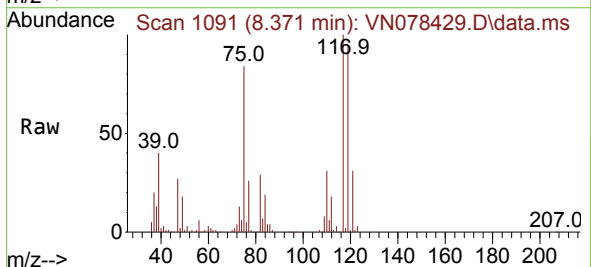
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

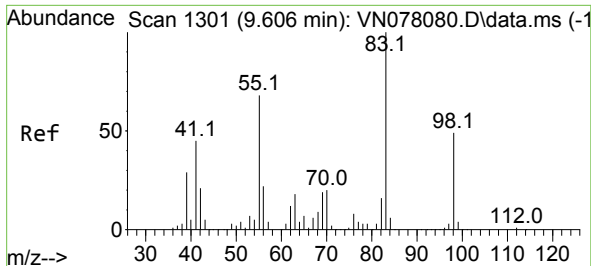
Tgt Ion: 43 Resp: 298504
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 11.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 54.553 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 117 Resp: 391484
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 45.377 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

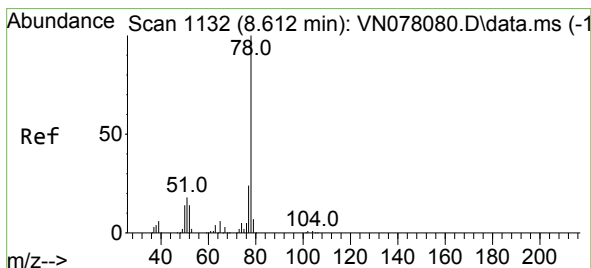
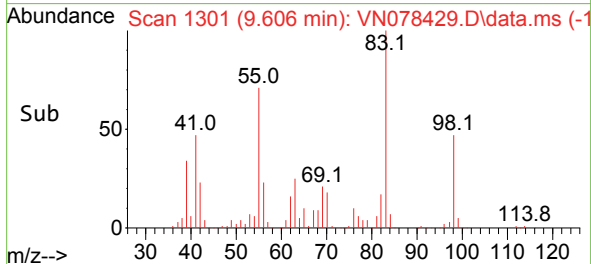
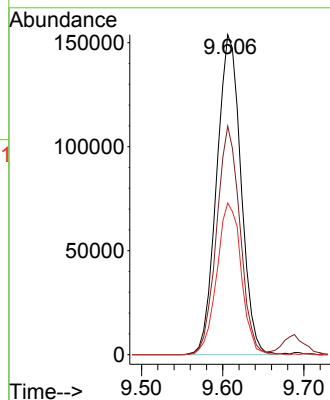
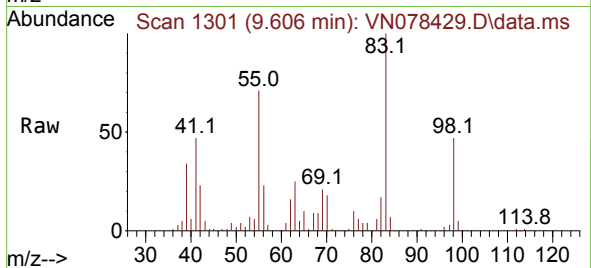
Tgt Ion: 83 Resp: 319605

Ion Ratio Lower Upper

83 100

55 71.4 49.1 73.7

98 47.4 40.6 61.0



#40

Benzene

Concen: 54.053 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078429.D

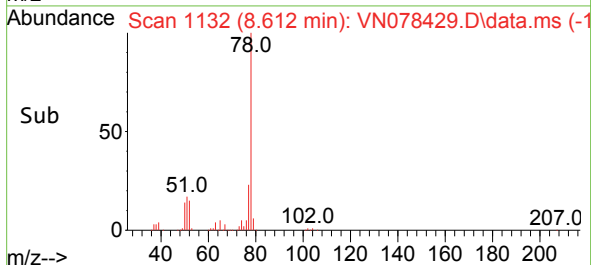
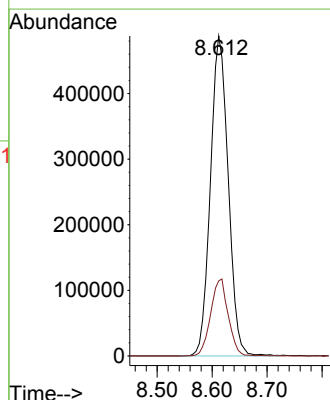
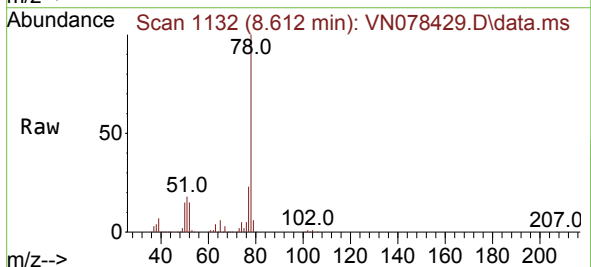
Acq: 27 Jun 2023 20:17

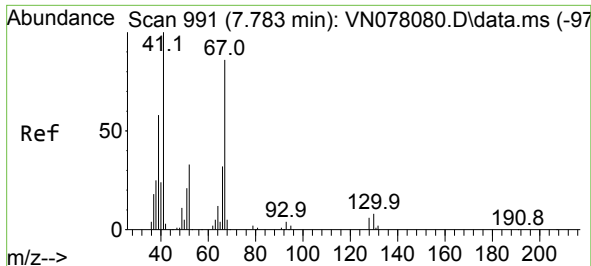
Tgt Ion: 78 Resp: 1096740

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

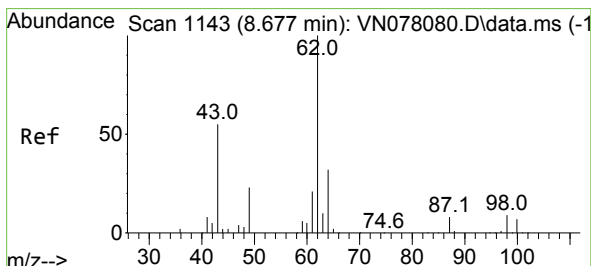
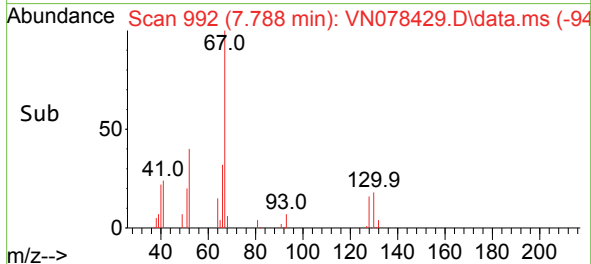
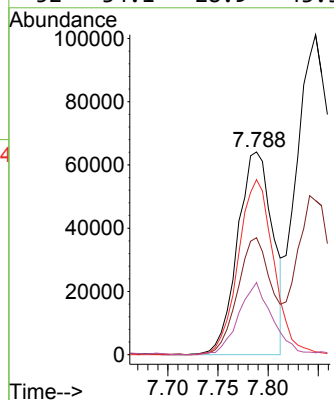
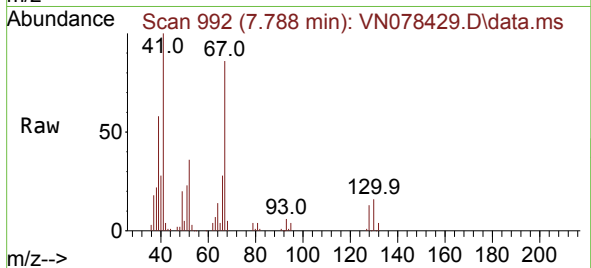




#41
Methacrylonitrile
Concen: 54.390 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

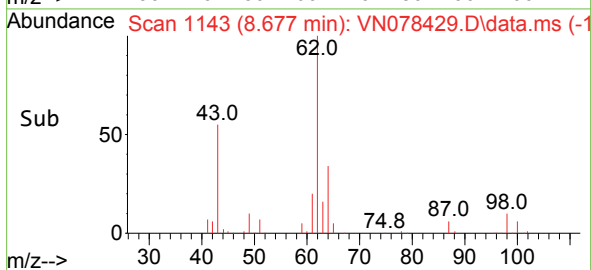
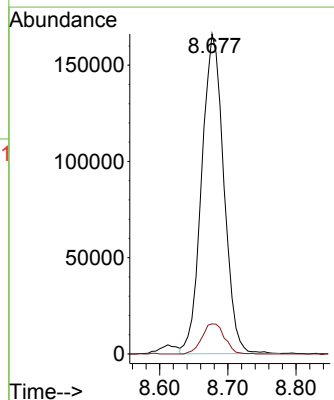
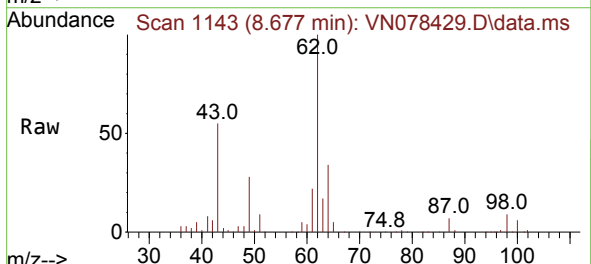
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

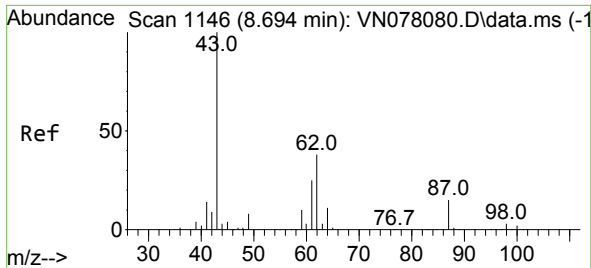
Tgt Ion:	41	Resp:	156523
Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.6	64.0
67	86.9	77.5	116.3
52	34.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.862 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:	62	Resp:	374708
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

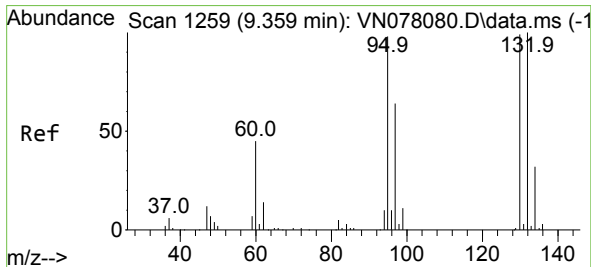
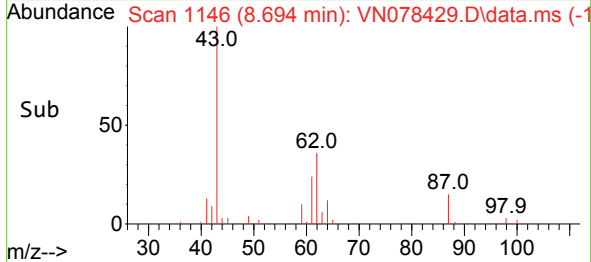
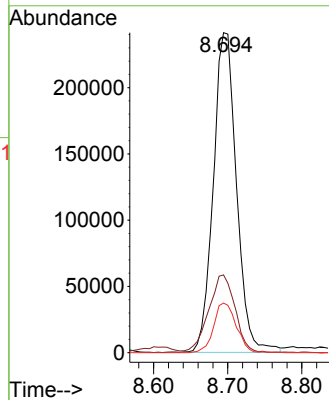
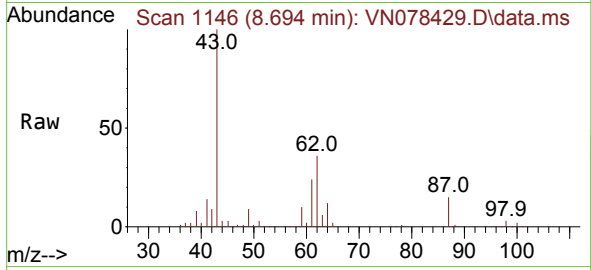




#43
Isopropyl Acetate
Concen: 51.685 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

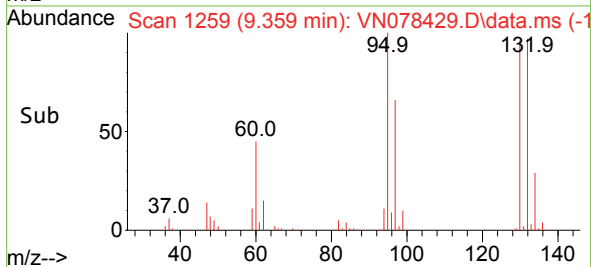
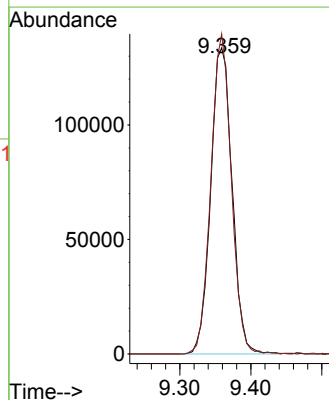
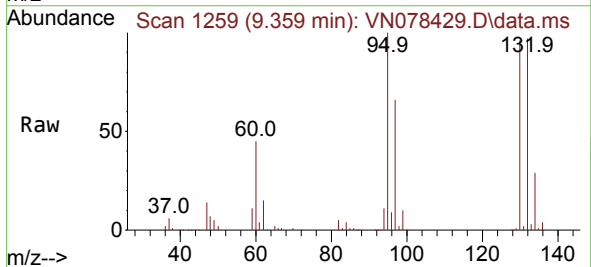
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

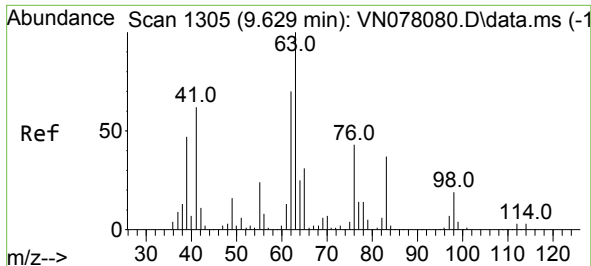
Tgt Ion: 43 Resp: 524795
Ion Ratio Lower Upper
43 100
61 27.4 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 52.062 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:130 Resp: 278964
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.797 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

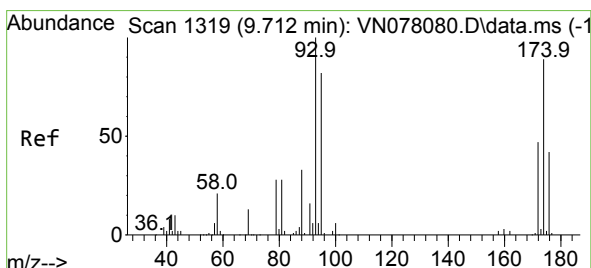
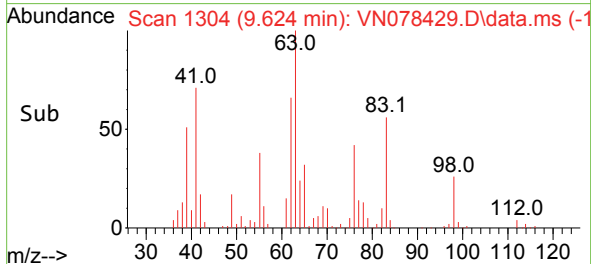
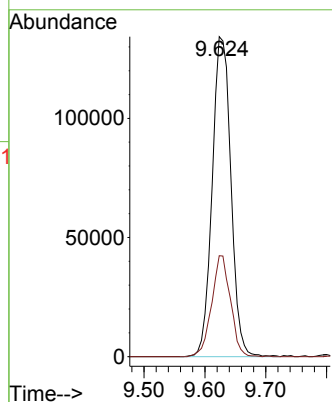
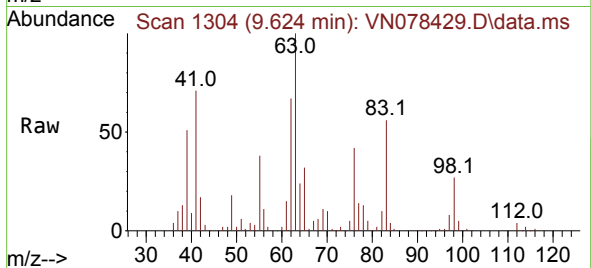
VSTDCCC050EC

Tgt Ion: 63 Resp: 286721

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 54.073 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

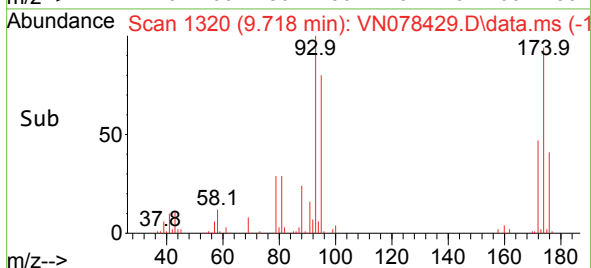
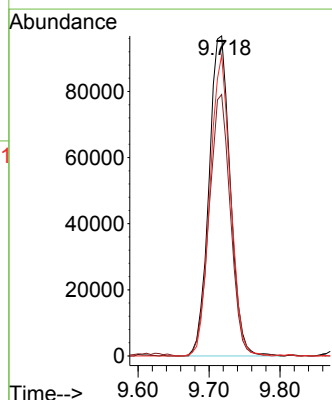
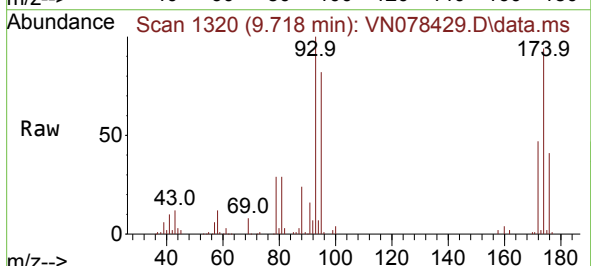
Tgt Ion: 93 Resp: 201059

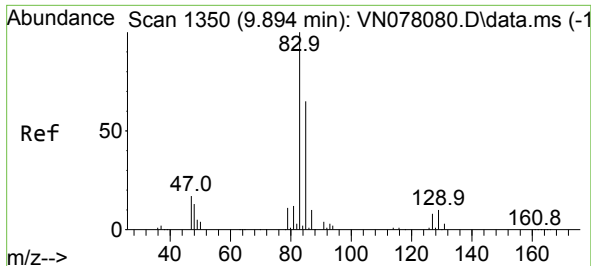
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

174 90.6 65.6 98.4

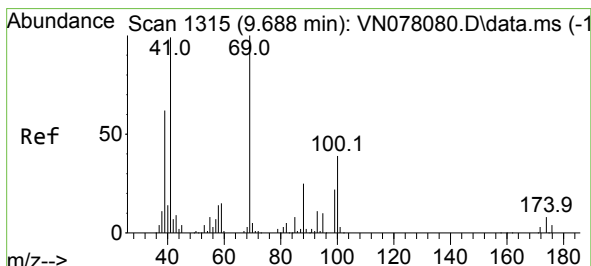
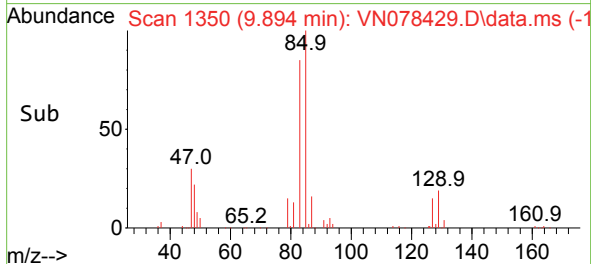
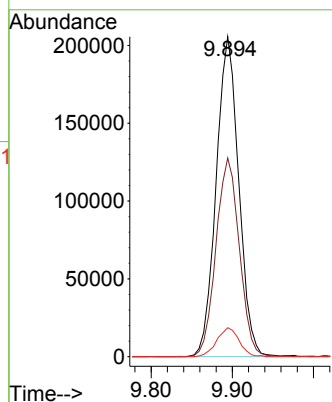
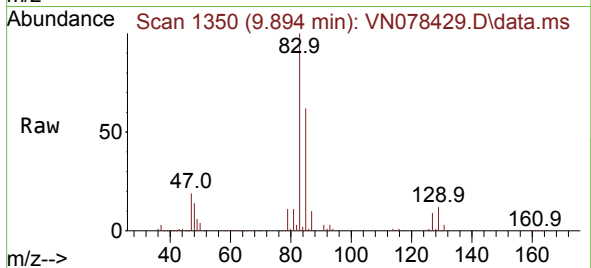




#47
Bromodichloromethane
Concen: 57.536 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

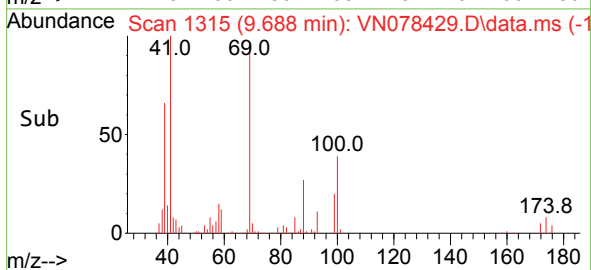
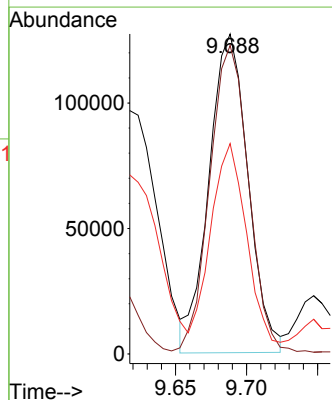
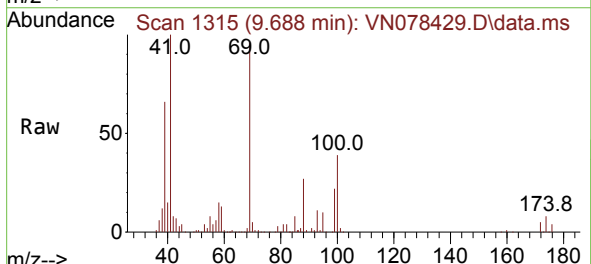
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

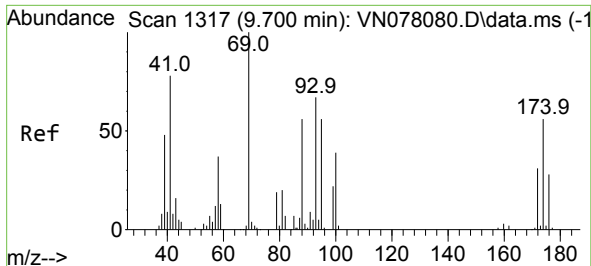
Tgt Ion: 83 Resp: 397391
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 57.145 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 41 Resp: 243499
Ion Ratio Lower Upper
41 100
69 96.9 90.4 135.6
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1132.137 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

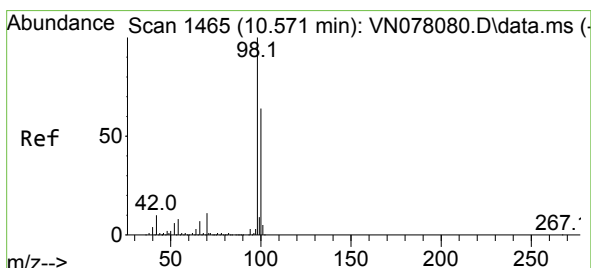
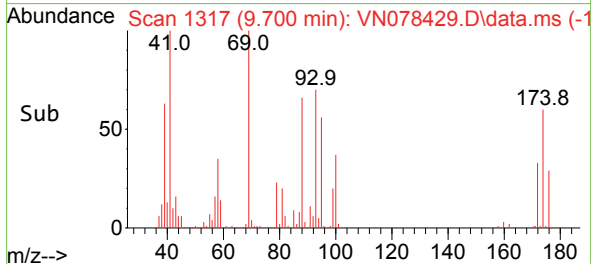
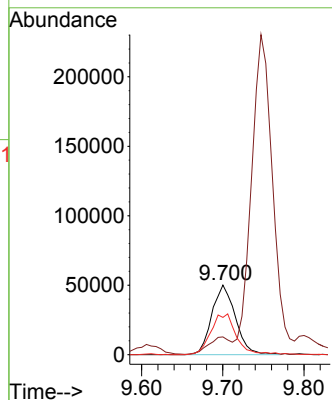
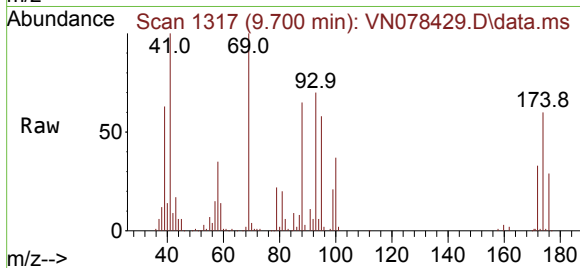
Tgt Ion: 88 Resp: 101393

Ion Ratio Lower Upper

88 100

43 23.5 17.0 25.6

58 63.9 47.0 70.4



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078429.D

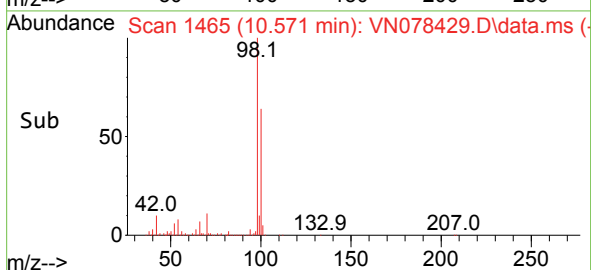
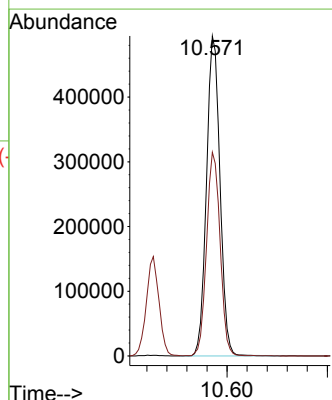
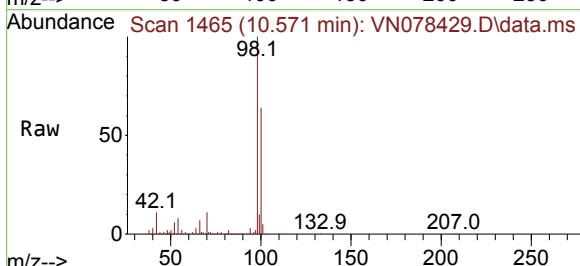
Acq: 27 Jun 2023 20:17

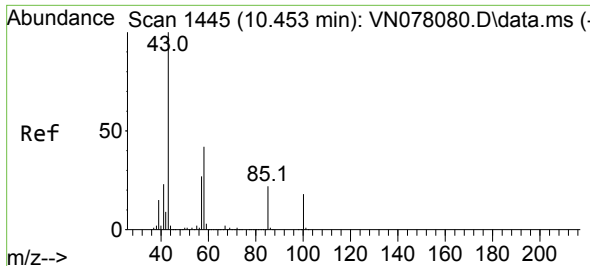
Tgt Ion: 98 Resp: 923151

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

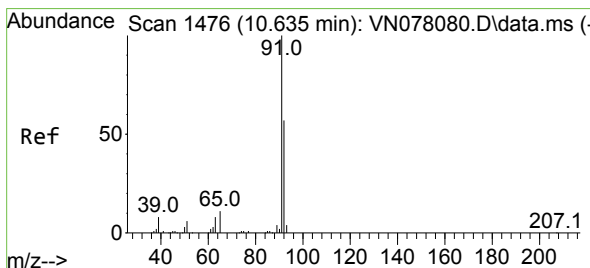
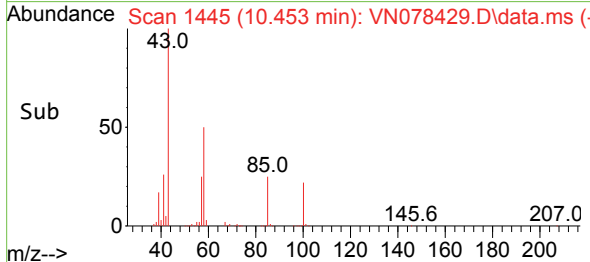
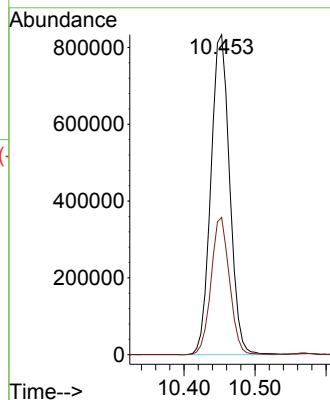
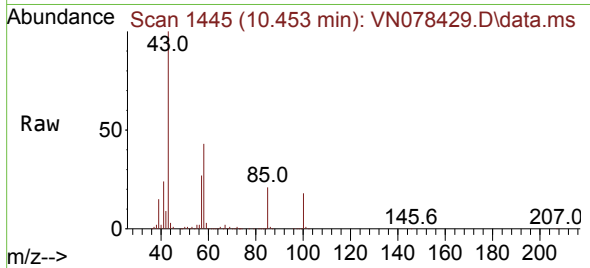




#51
4-Methyl-2-Pentanone
Concen: 286.596 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

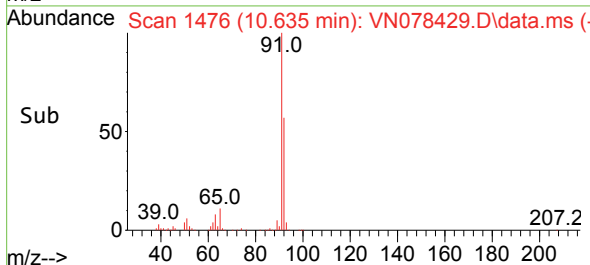
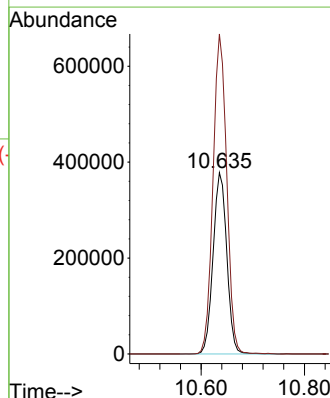
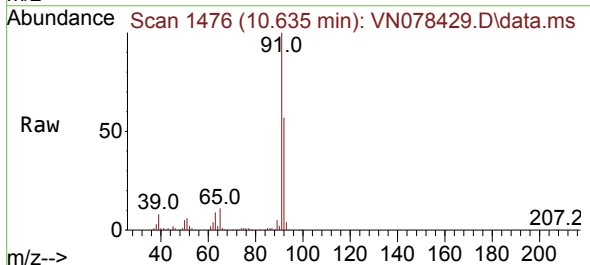
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

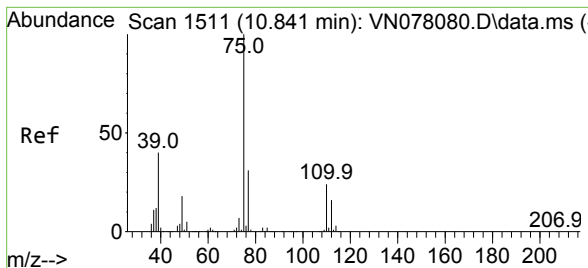
Tgt Ion: 43 Resp: 1532393
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8



#52
Toluene
Concen: 54.293 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 92 Resp: 695526
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0

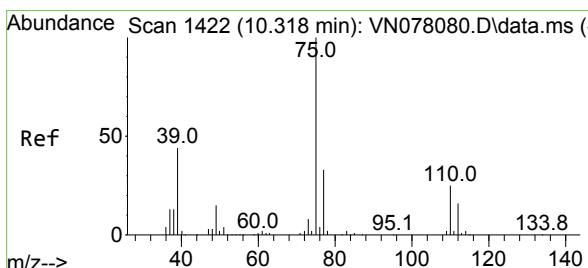
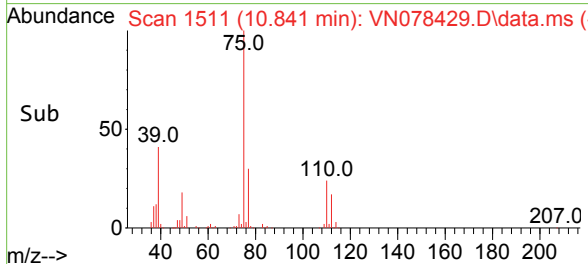
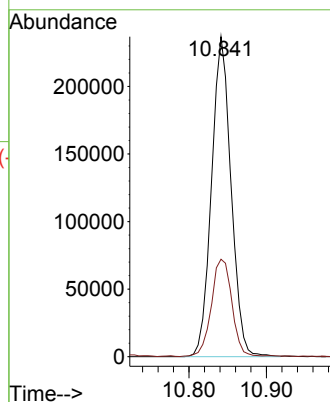
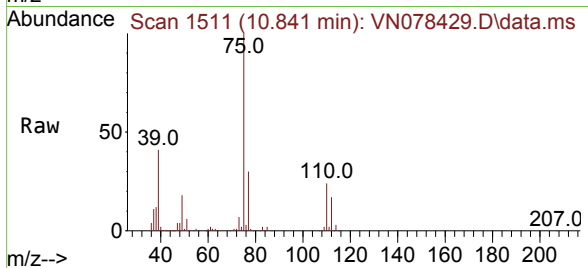




#53
t-1,3-Dichloropropene
Concen: 57.562 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

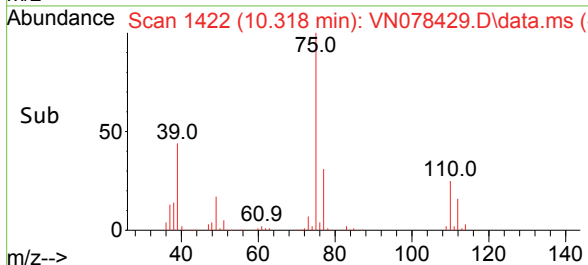
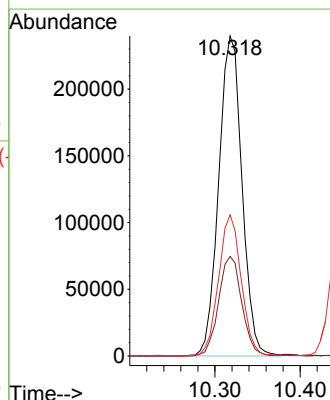
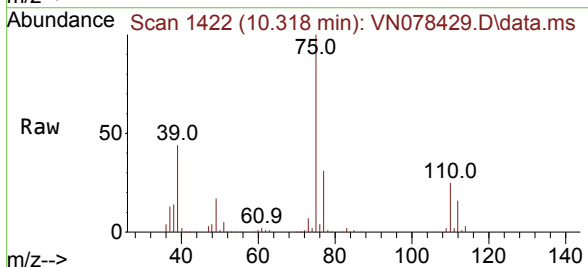
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

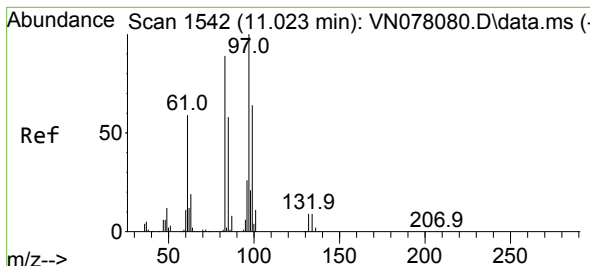
Tgt Ion: 75 Resp: 414047
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.152 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 75 Resp: 454438
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 44.1 31.6 47.4



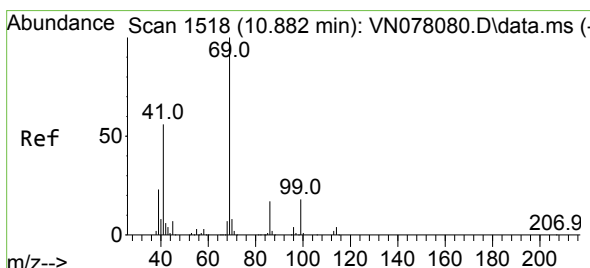
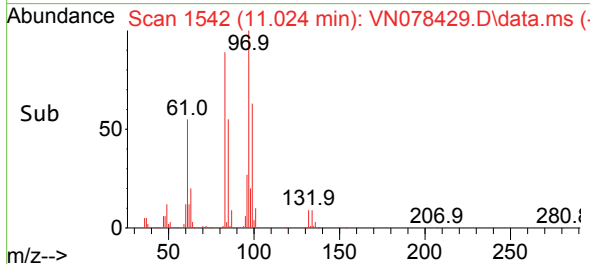
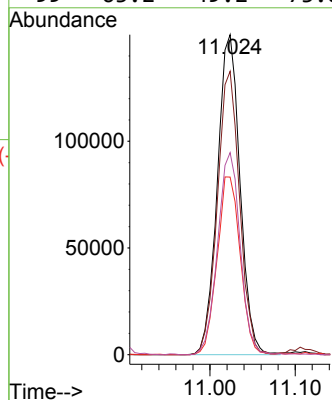
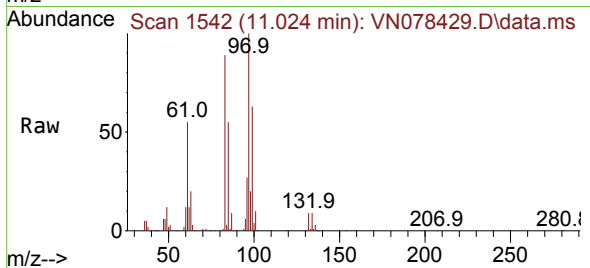


#55
 1,1,2-Trichloroethane
 Concen: 57.150 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 276955

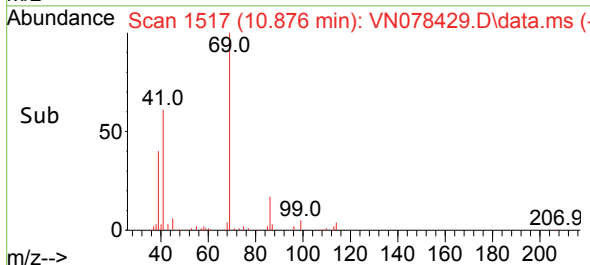
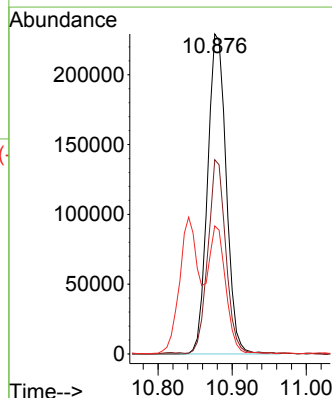
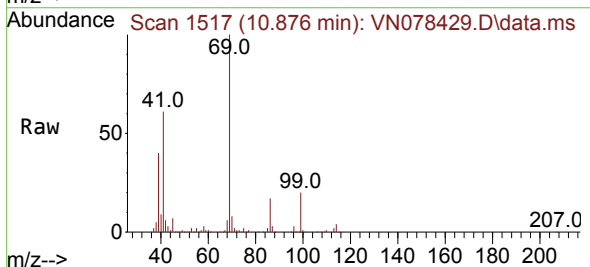
Ion	Ratio	Lower	Upper
97	100		
83	88.6	65.1	97.7
85	55.5	43.4	65.2
99	63.2	49.2	73.8

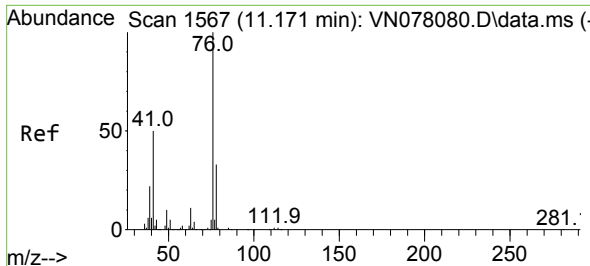


#56
 Ethyl methacrylate
 Concen: 56.775 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 69 Resp: 400618

Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.6	59.4
39	38.1	28.6	43.0

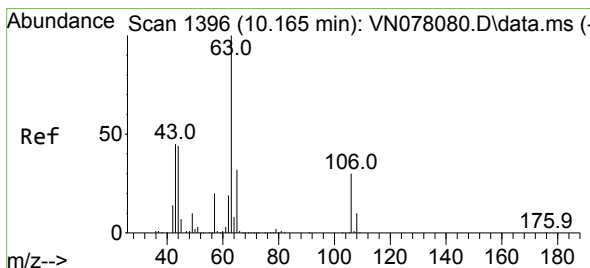
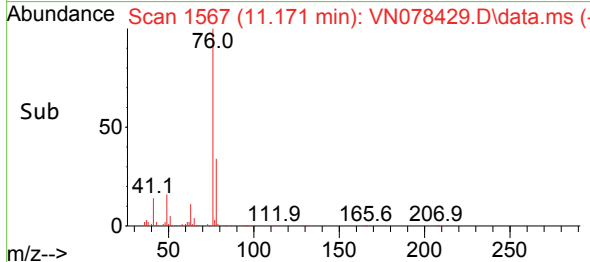
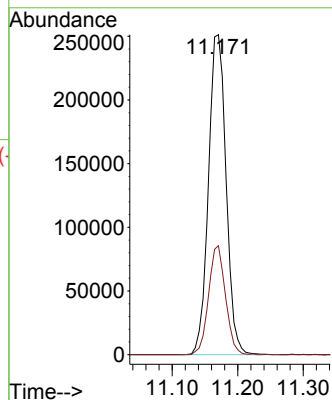
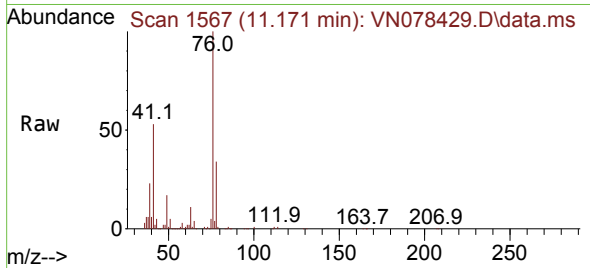




#57
1,3-Dichloropropane
Concen: 57.406 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

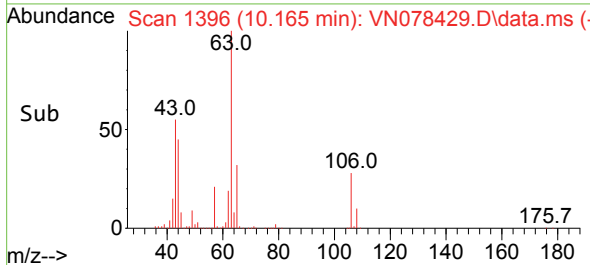
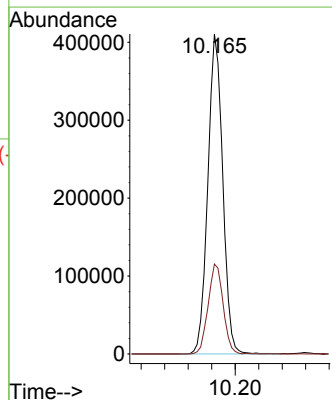
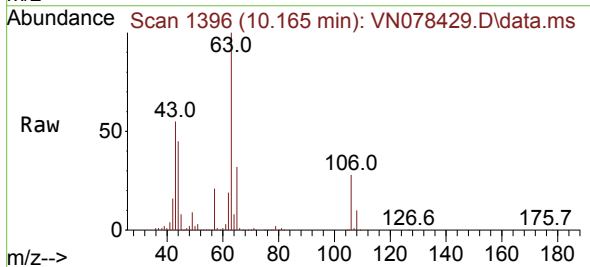
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

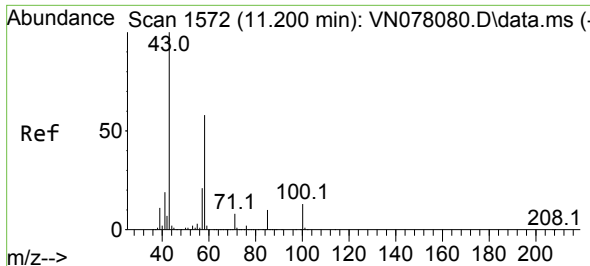
Tgt Ion: 76 Resp: 469585
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 252.764 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 63 Resp: 720507
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4

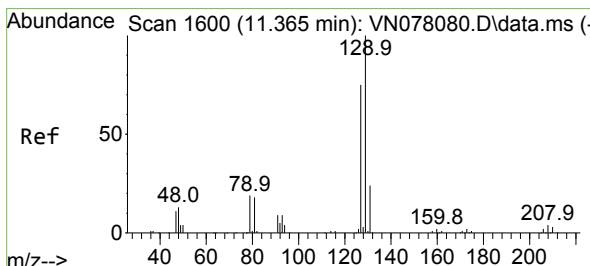
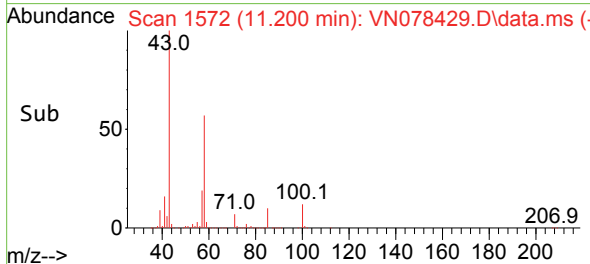
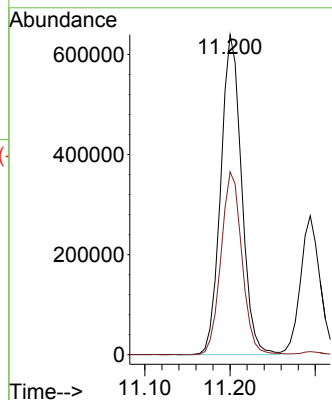
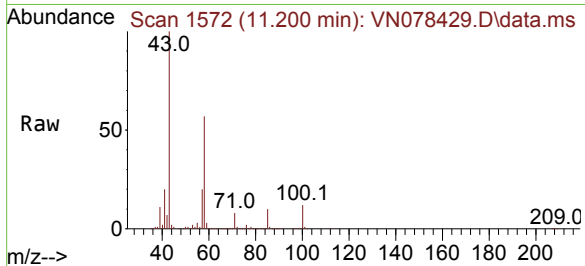




#59
2-Hexanone
Concen: 292.002 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

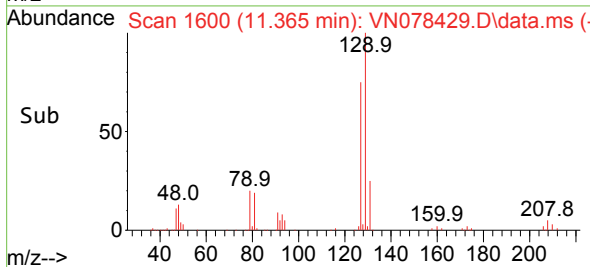
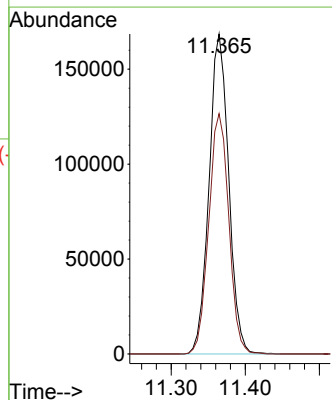
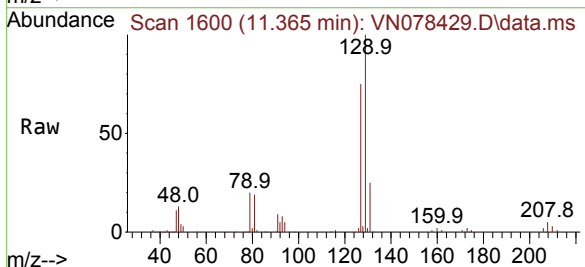
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

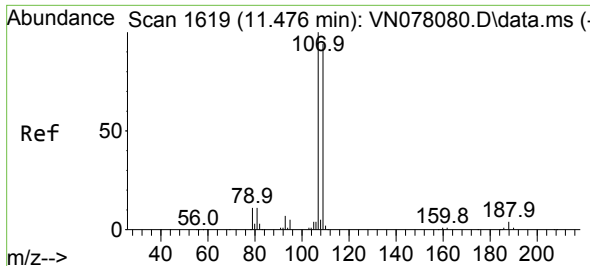
Tgt Ion: 43 Resp: 1087116
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 58.511 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 129 Resp: 310276
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

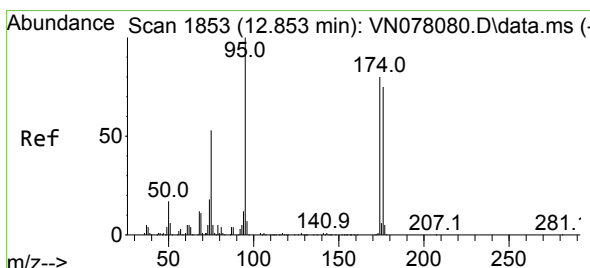
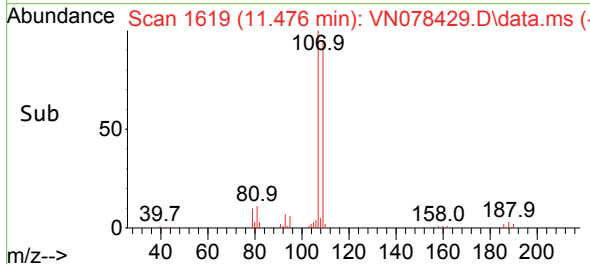
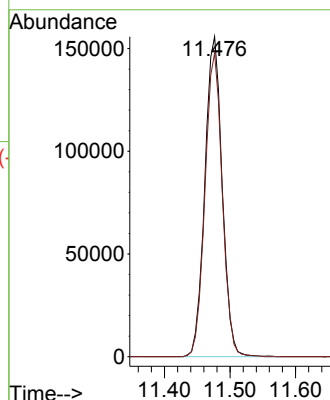
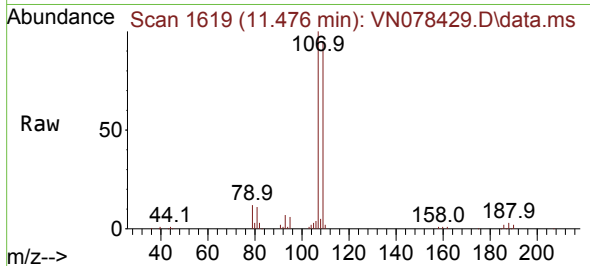




#61
1,2-Dibromoethane
Concen: 56.344 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

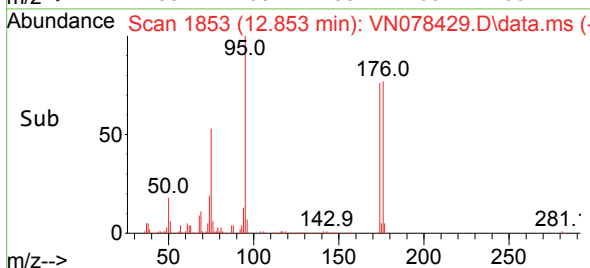
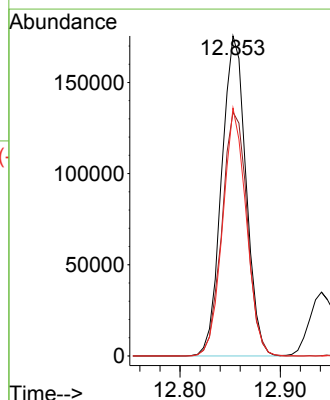
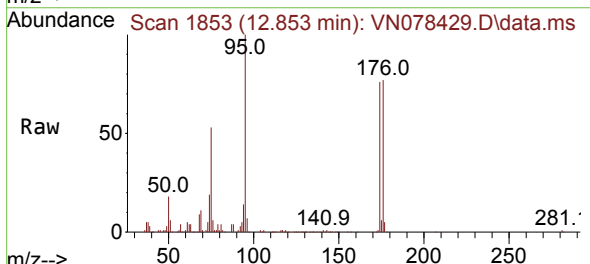
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

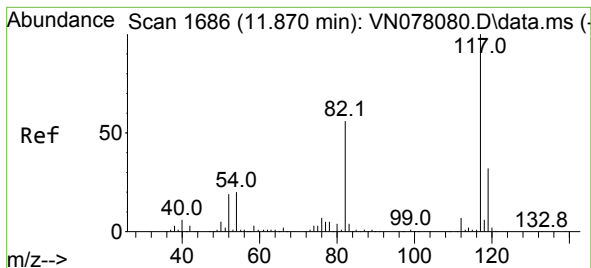
Tgt Ion:107 Resp: 286543
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.199 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 95 Resp: 296411
Ion Ratio Lower Upper
95 100
174 78.8 0.0 143.8
176 74.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

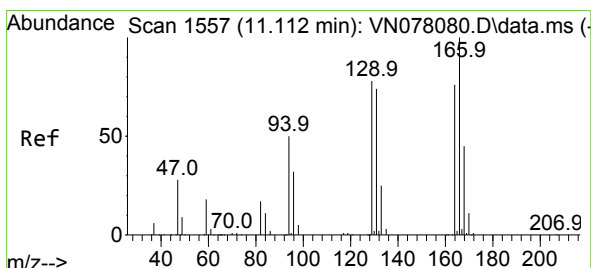
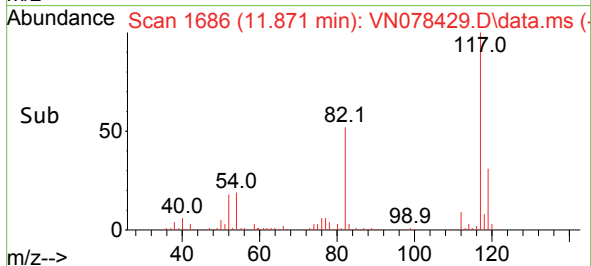
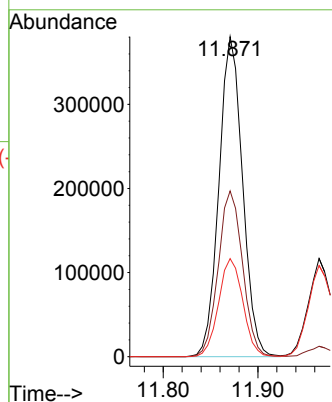
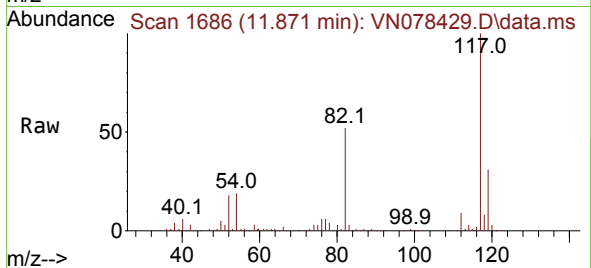
Tgt Ion:117 Resp: 660291

Ion Ratio Lower Upper

117 100

82 51.8 44.0 66.0

119 30.7 25.6 38.4



#64

Tetrachloroethene

Concen: 51.499 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Tgt Ion:164 Resp: 226853

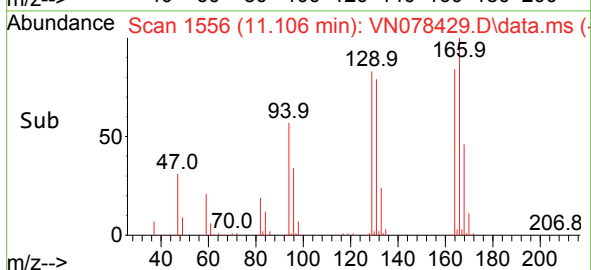
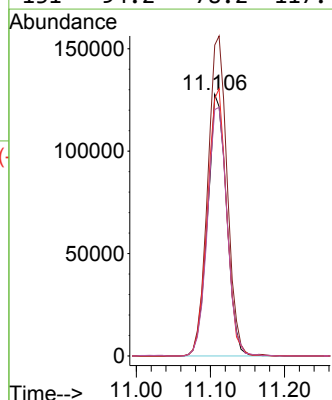
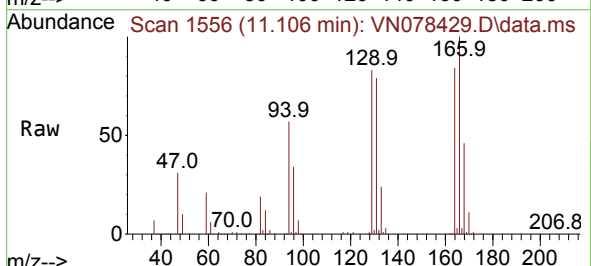
Ion Ratio Lower Upper

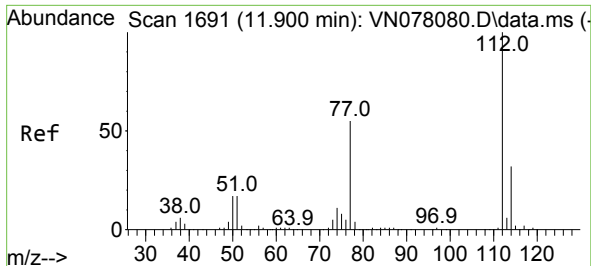
164 100

166 118.9 101.4 152.0

129 98.5 82.4 123.6

131 94.2 78.2 117.4

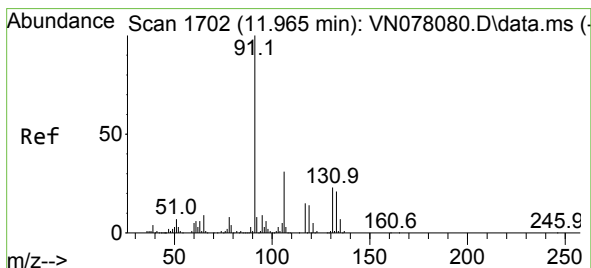
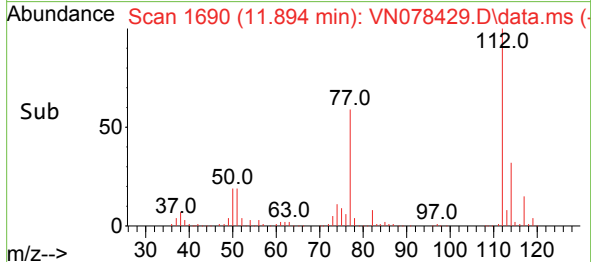
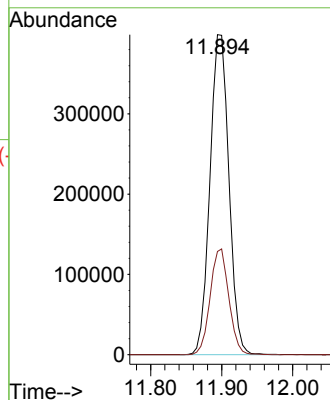
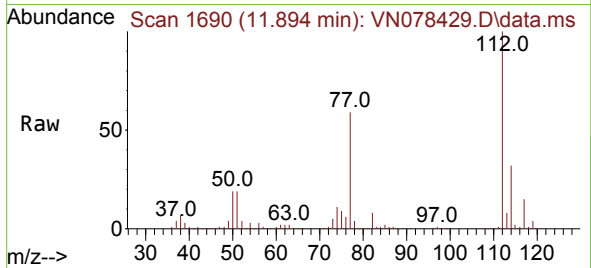




#65
Chlorobenzene
Concen: 52.253 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

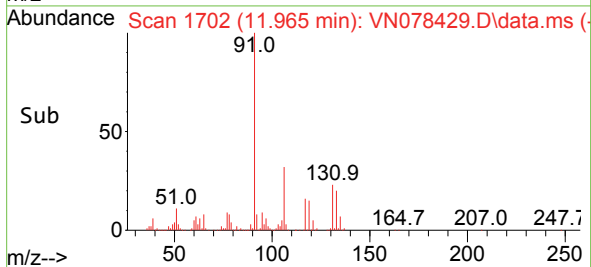
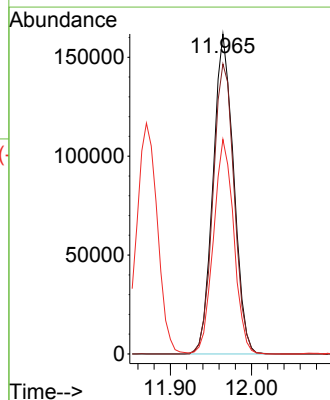
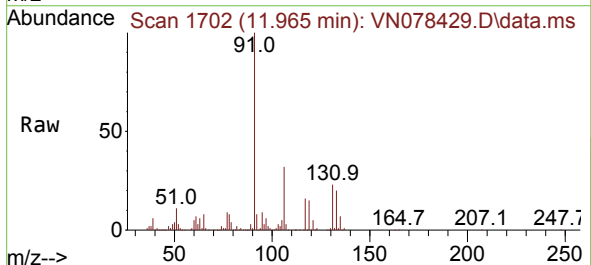
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

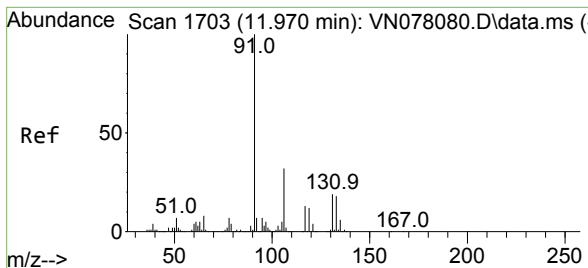
Tgt Ion:112 Resp: 738882
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.822 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:131 Resp: 285122
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 53.761 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

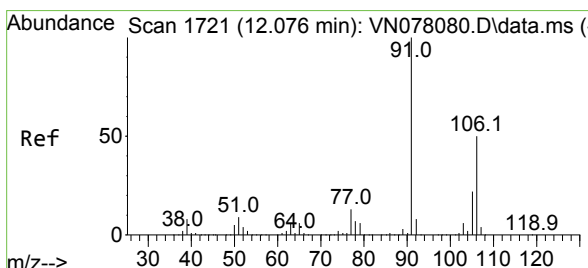
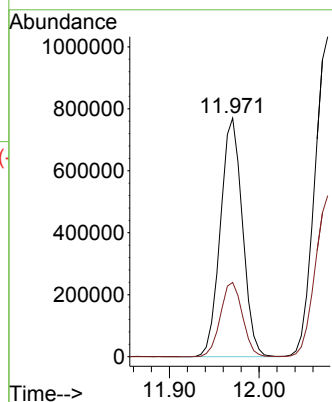
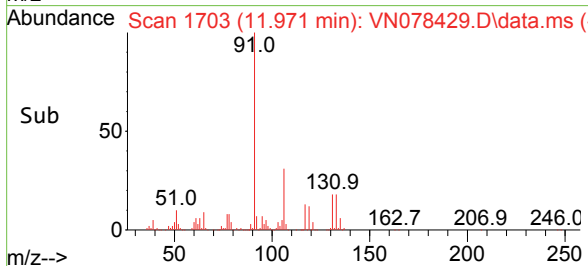
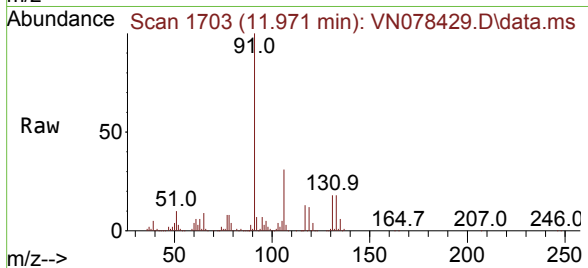
VSTDCCC050EC

Tgt Ion: 91 Resp: 1311722

Ion Ratio Lower Upper

91 100

106 31.1 25.6 38.4



#68

m/p-Xylenes

Concen: 108.003 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078429.D

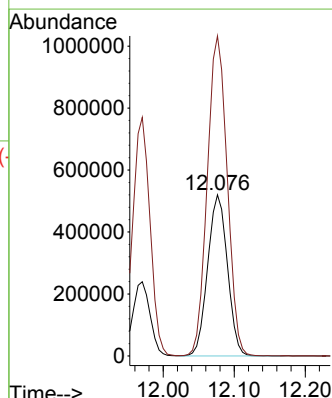
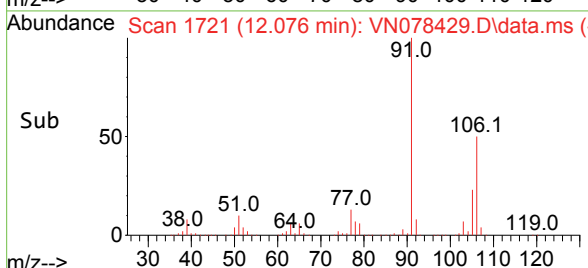
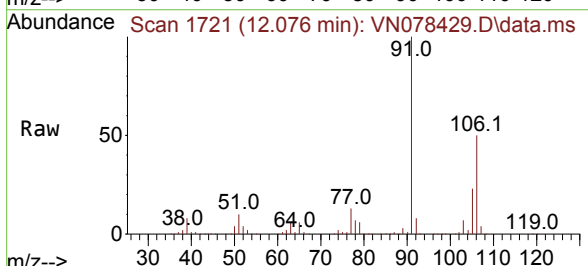
Acq: 27 Jun 2023 20:17

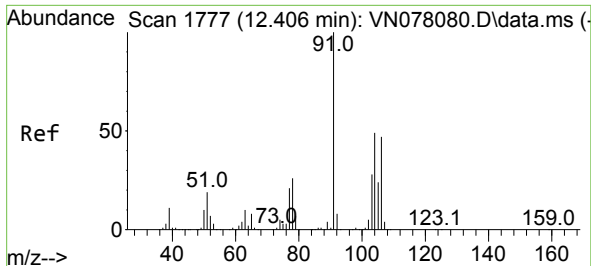
Tgt Ion:106 Resp: 1004273

Ion Ratio Lower Upper

106 100

91 200.4 159.6 239.4

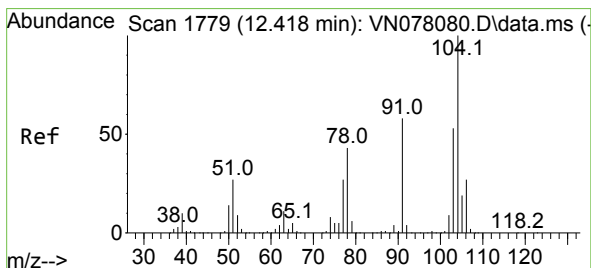
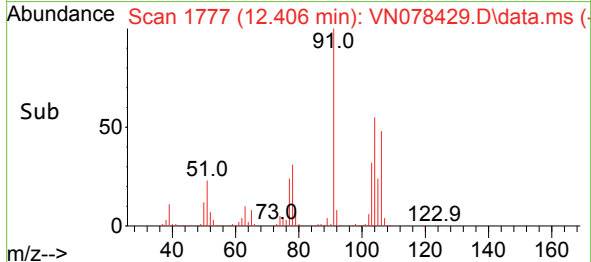
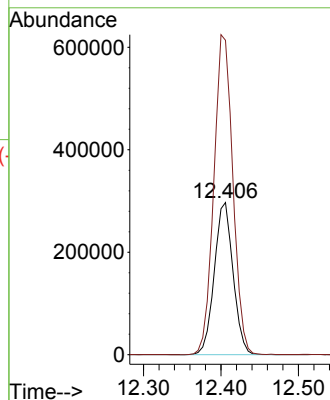
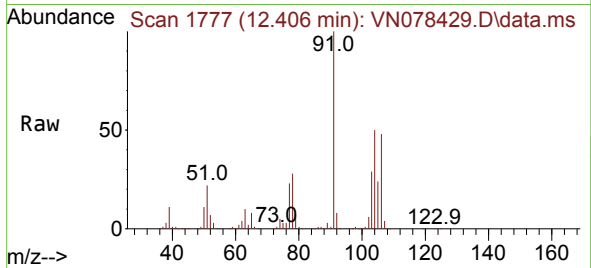




#69
o-Xylene
Concen: 54.580 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

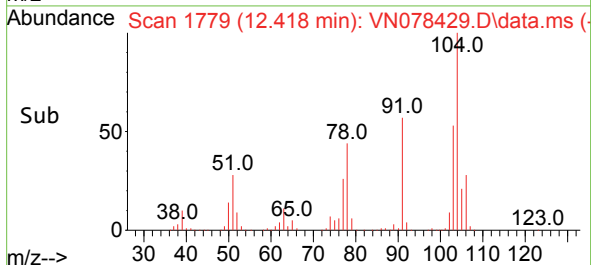
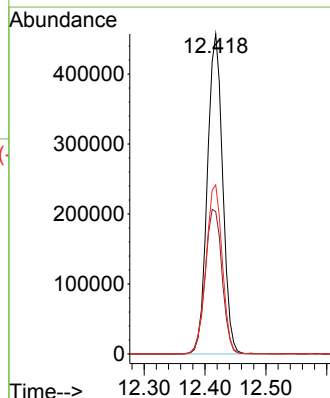
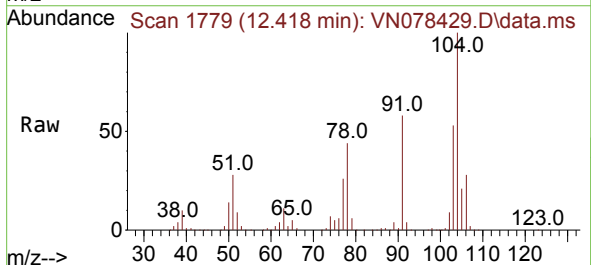
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

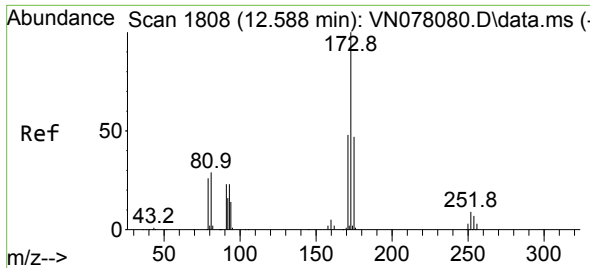
Tgt Ion:106 Resp: 498392
Ion Ratio Lower Upper
106 100
91 213.5 105.2 315.5



#70
Styrene
Concen: 55.521 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:104 Resp: 798148
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.2 43.2 64.8

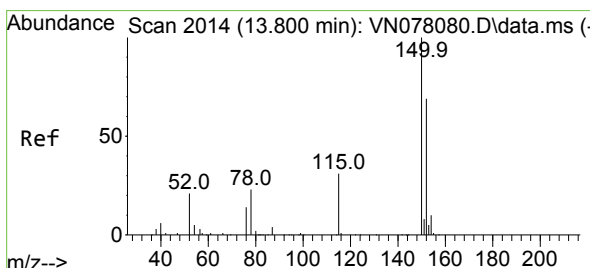
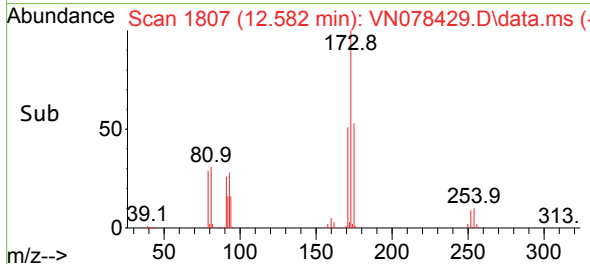
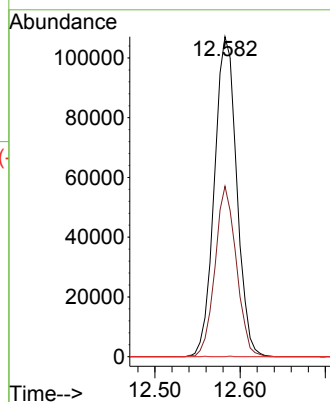
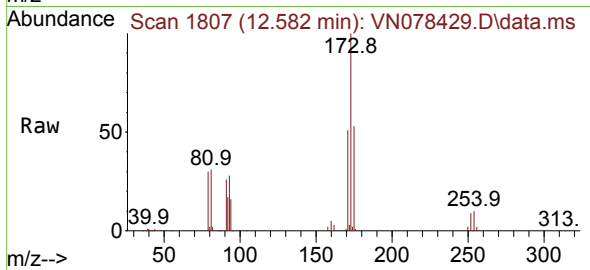




#71
Bromoform
Concen: 58.018 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

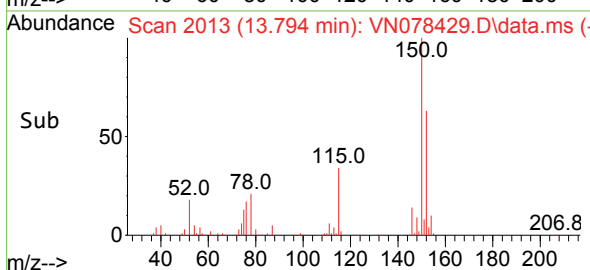
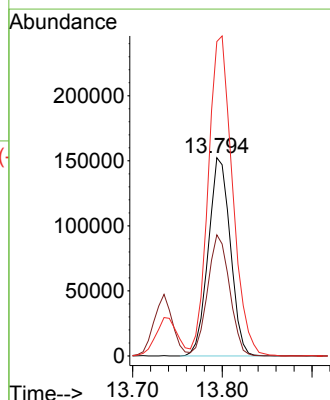
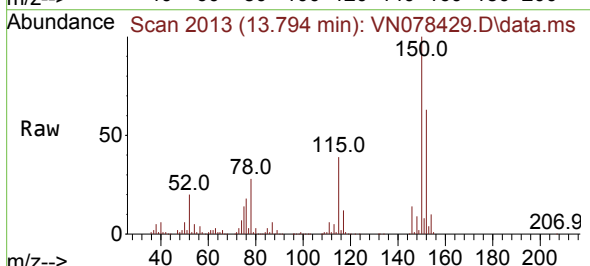
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

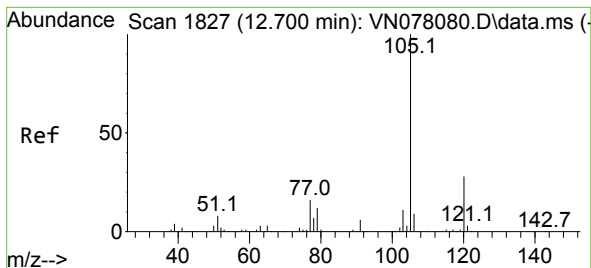
Tgt Ion:173 Resp: 194729
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:152 Resp: 259884
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 177.2 0.0 355.8





#73

Isopropylbenzene

Concen: 48.731 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

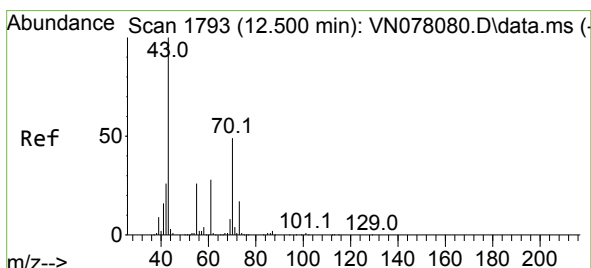
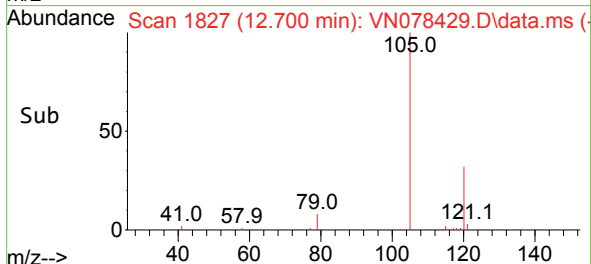
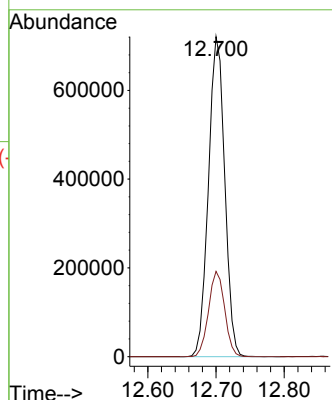
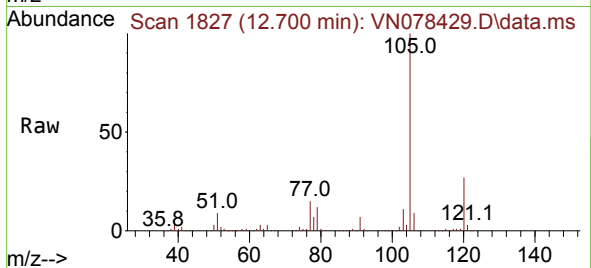
VSTDCCC050EC

Tgt Ion:105 Resp: 1197577

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 52.378 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Tgt Ion: 43 Resp: 423883

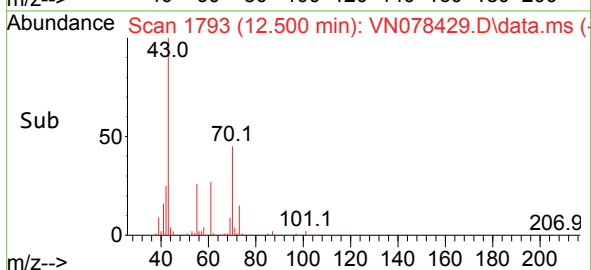
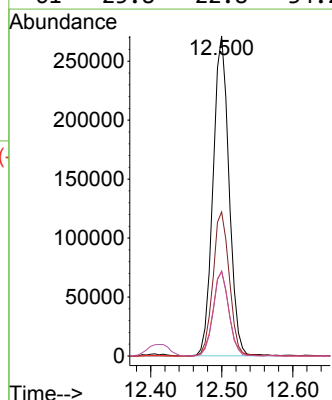
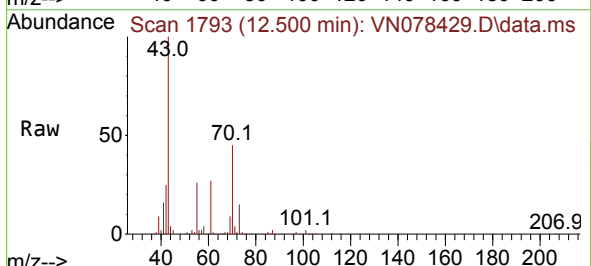
Ion Ratio Lower Upper

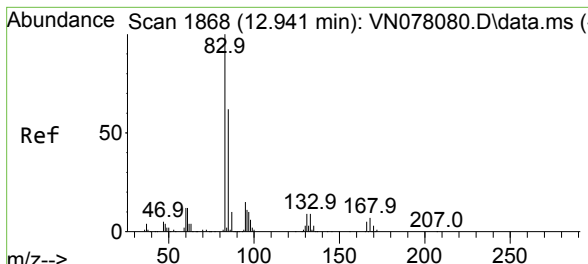
43 100

70 46.0 43.4 65.2

55 26.4 21.4 32.0

61 25.8 22.8 34.2

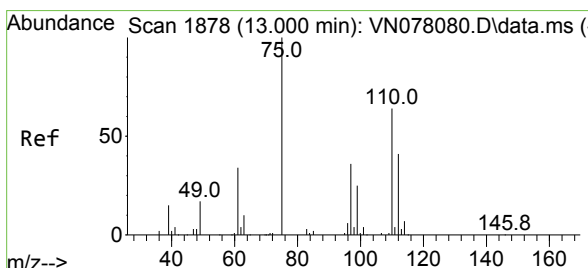
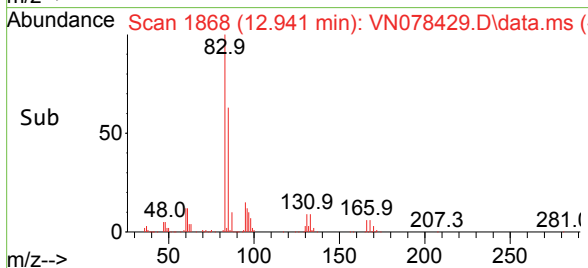
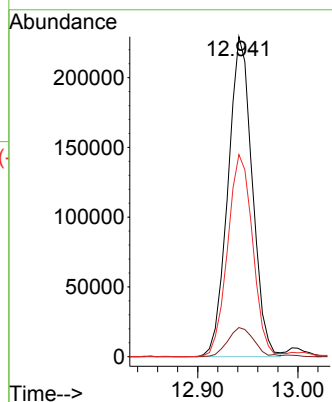
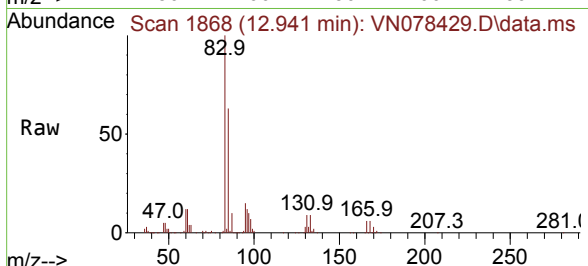




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.492 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

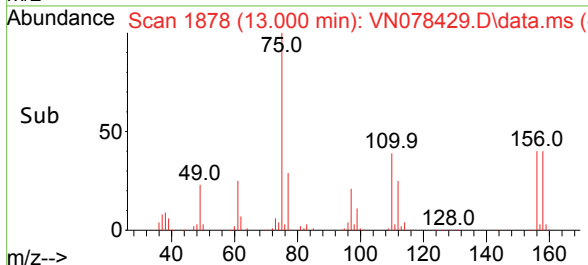
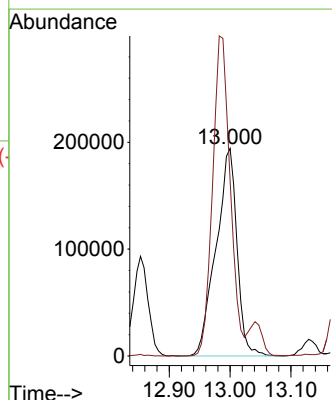
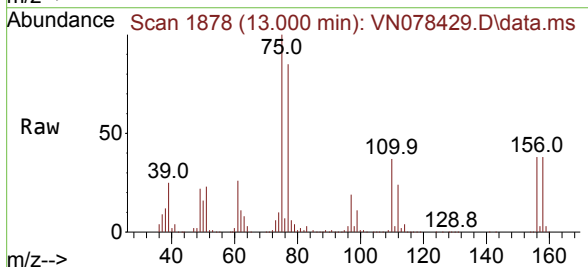
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

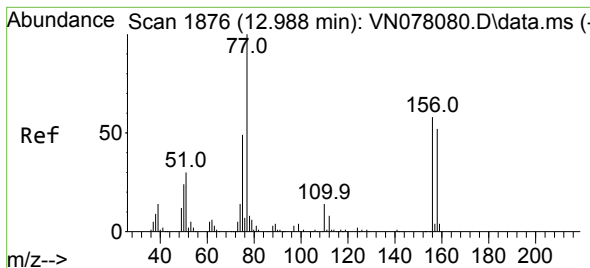
Tgt Ion: 83 Resp: 386122
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 65.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 75.550 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 75 Resp: 464160
 Ion Ratio Lower Upper
 75 100
 77 129.6 84.5 253.5





#77

Bromobenzene

Concen: 50.685 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

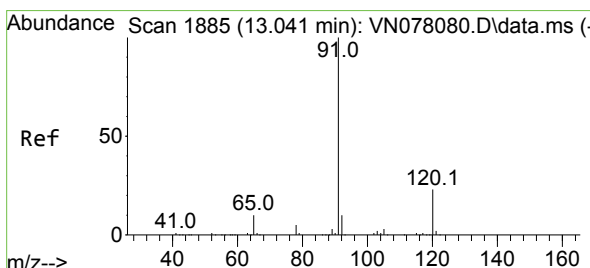
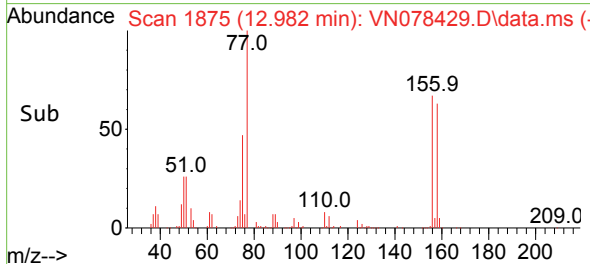
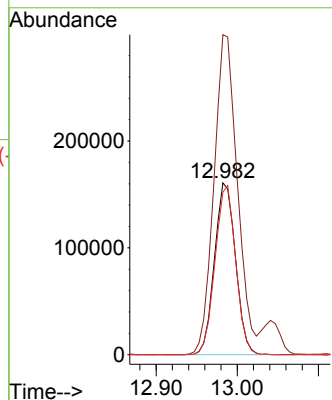
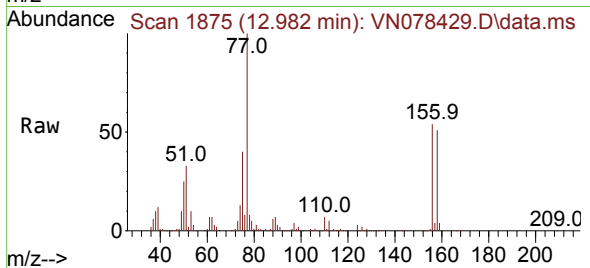
Tgt Ion:156 Resp: 289152

Ion Ratio Lower Upper

156 100

77 208.0 107.7 323.3

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.778 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078429.D

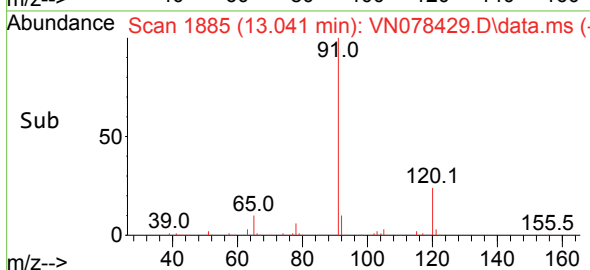
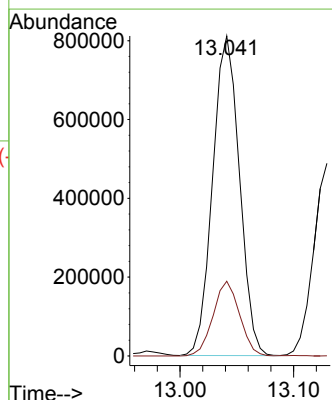
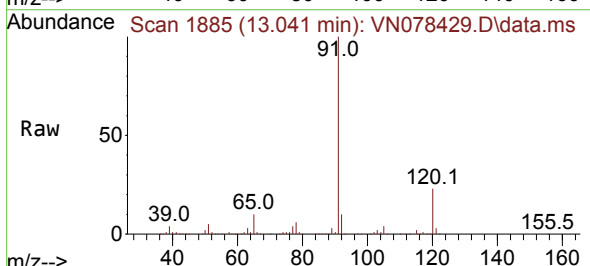
Acq: 27 Jun 2023 20:17

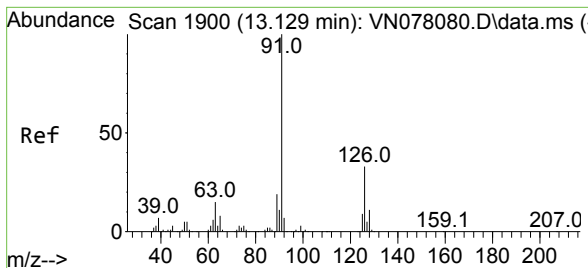
Tgt Ion: 91 Resp: 1329101

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

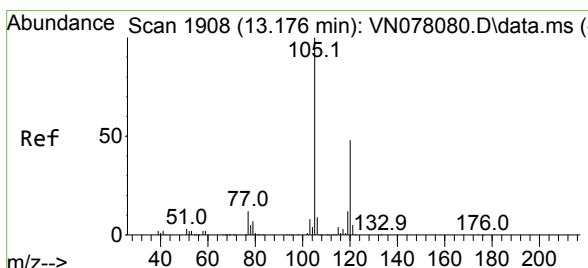
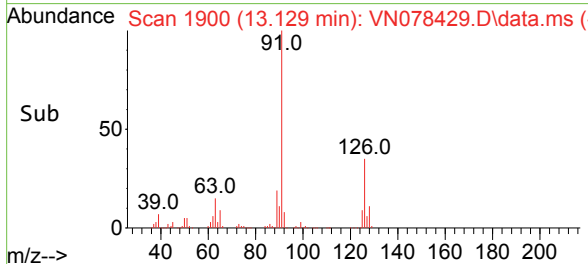
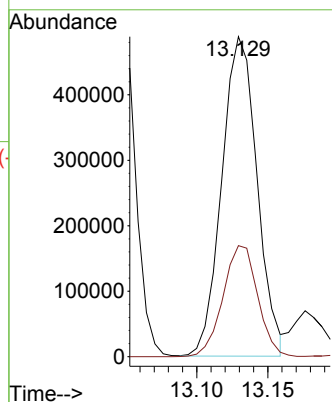
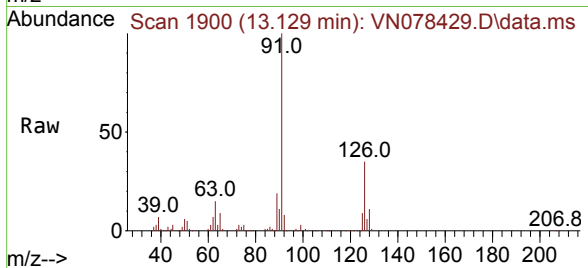




#79
2-Chlorotoluene
Concen: 48.956 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

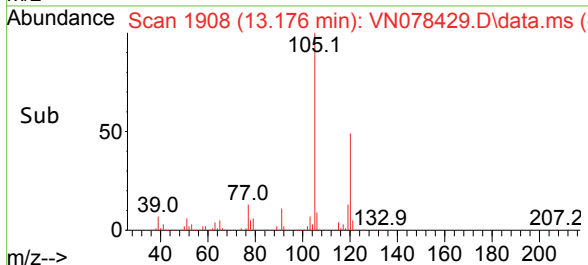
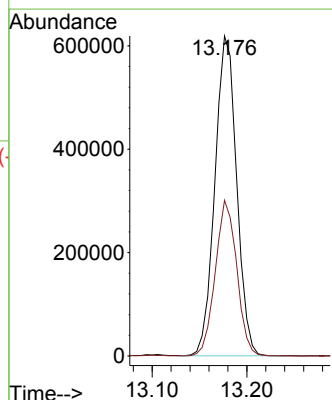
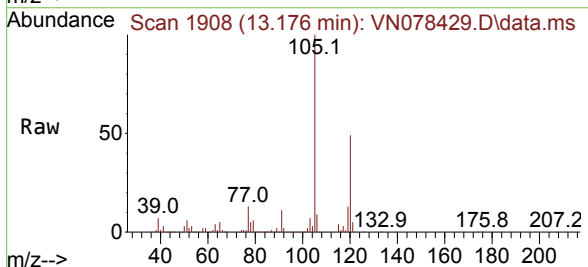
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

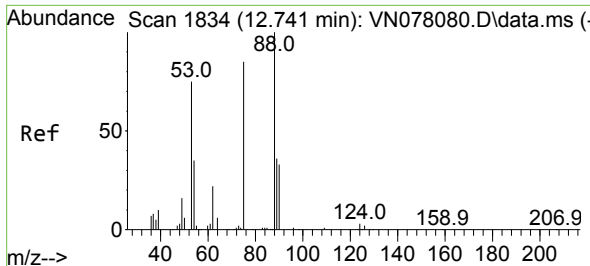
Tgt Ion: 91 Resp: 843772
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.583 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 105 Resp: 986546
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3

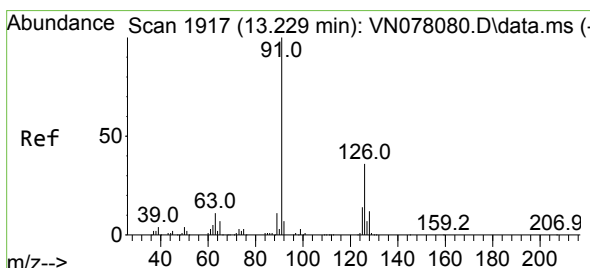
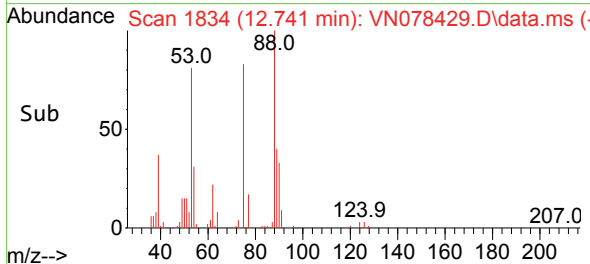
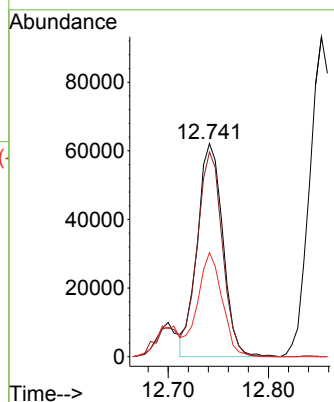
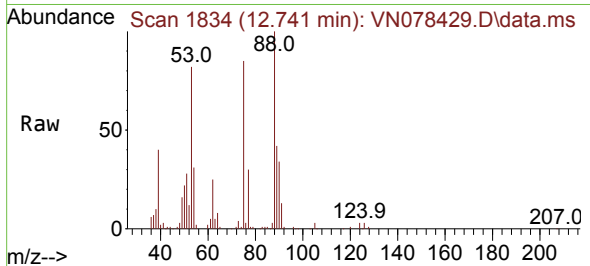




#81
trans-1,4-Dichloro-2-butene
Concen: 55.182 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

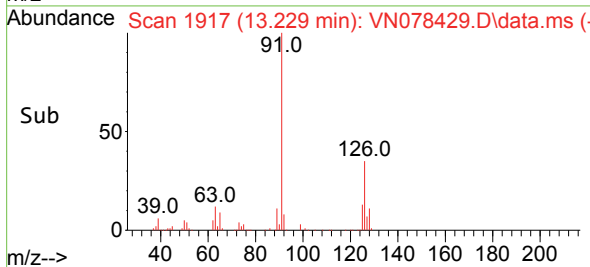
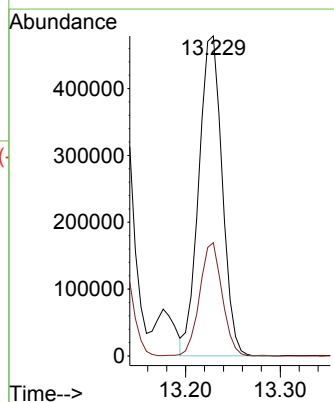
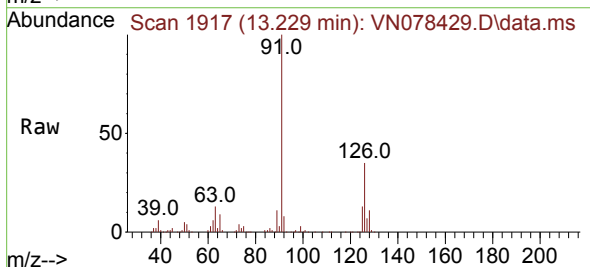
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

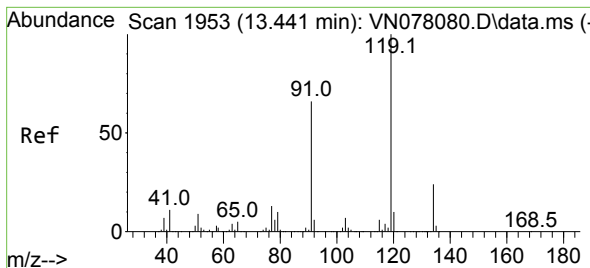
Tgt Ion: 75 Resp: 110348
Ion Ratio Lower Upper
75 100
53 94.6 67.4 101.2
89 47.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.892 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 91 Resp: 818632
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





#83

tert-Butylbenzene

Concen: 48.088 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

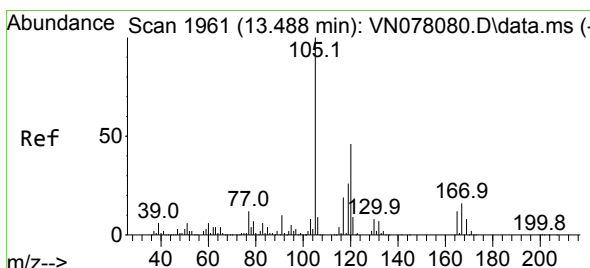
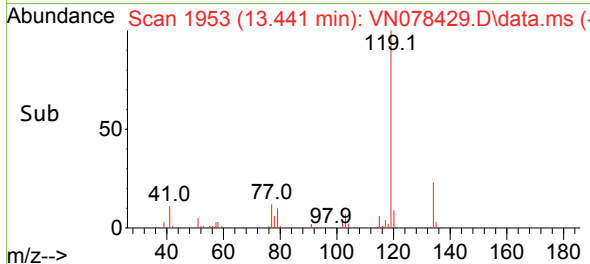
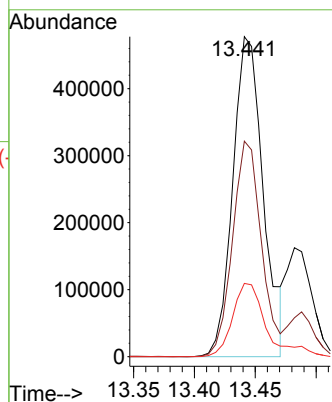
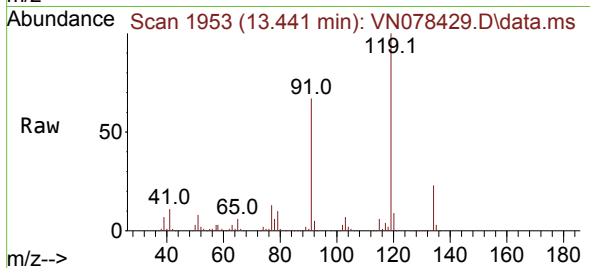
Tgt Ion:119 Resp: 831711

Ion Ratio Lower Upper

119 100

91 64.0 33.9 101.7

134 25.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.413 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078429.D

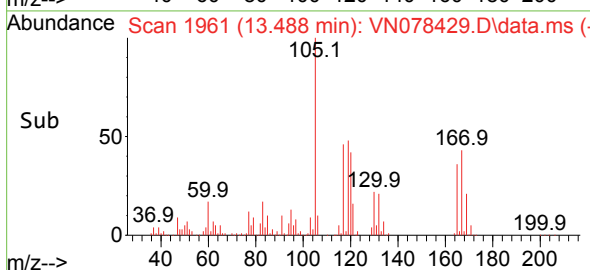
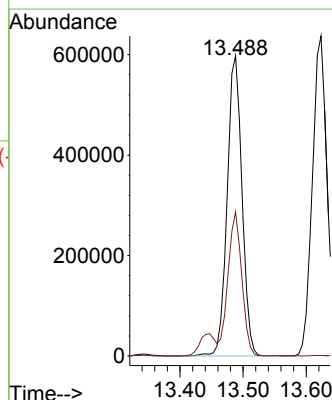
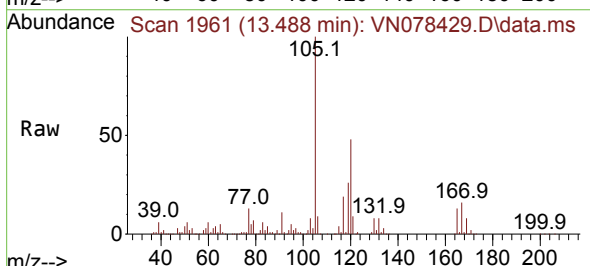
Acq: 27 Jun 2023 20:17

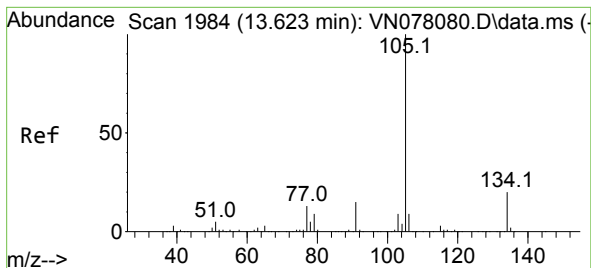
Tgt Ion:105 Resp: 972476

Ion Ratio Lower Upper

105 100

120 45.0 22.0 66.0

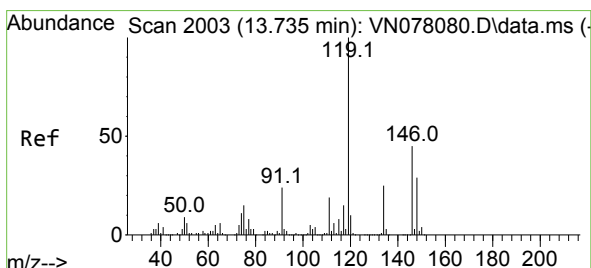
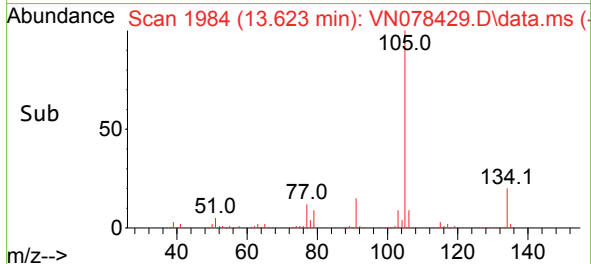
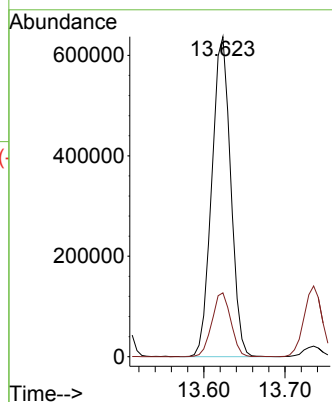
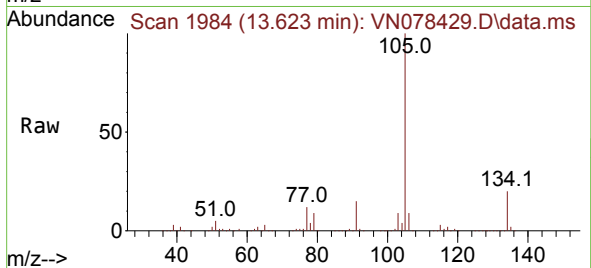




#85
 sec-Butylbenzene
 Concen: 45.501 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

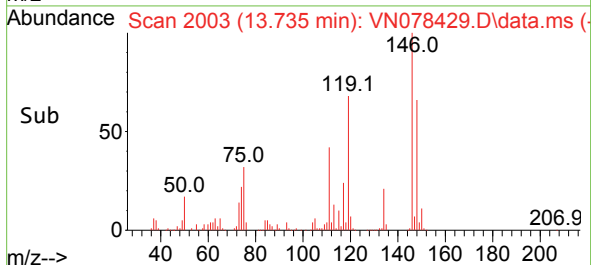
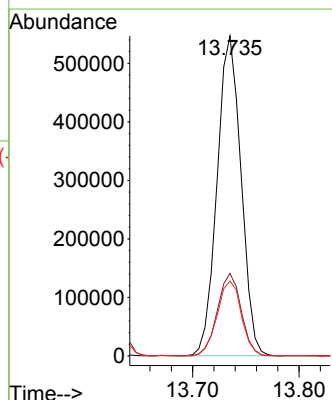
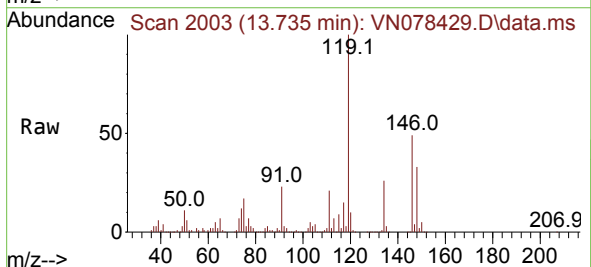
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

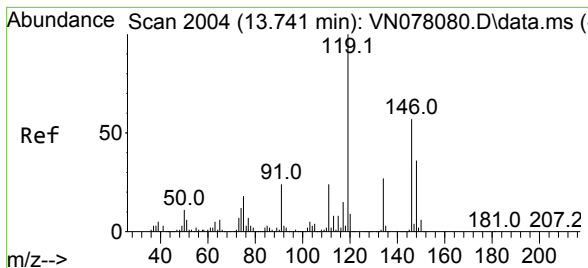
Tgt Ion:105 Resp: 1030011
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.387 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion:119 Resp: 852137
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.375 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

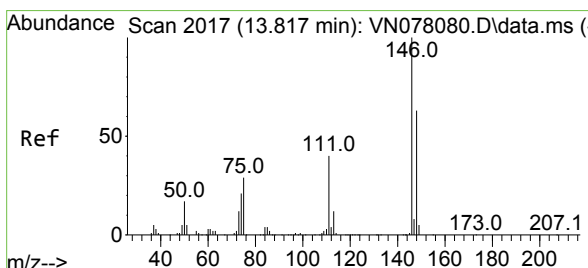
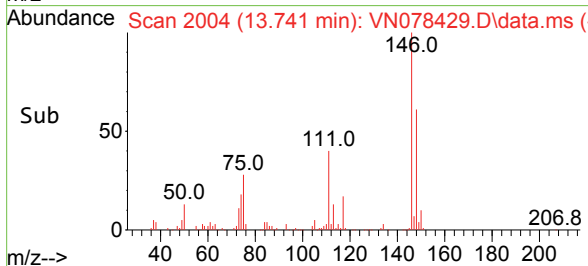
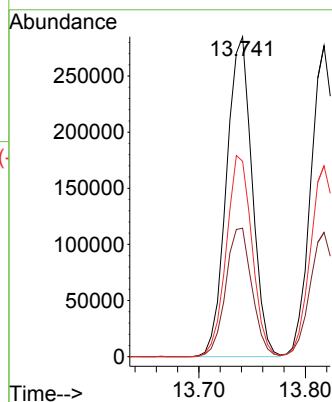
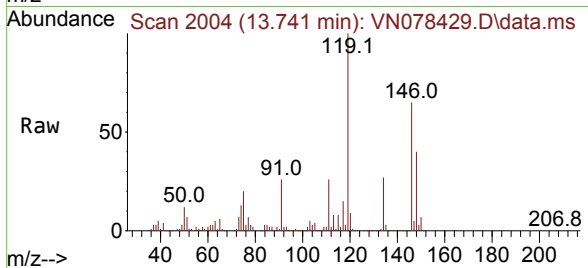
Tgt Ion:146 Resp: 476466

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.435 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

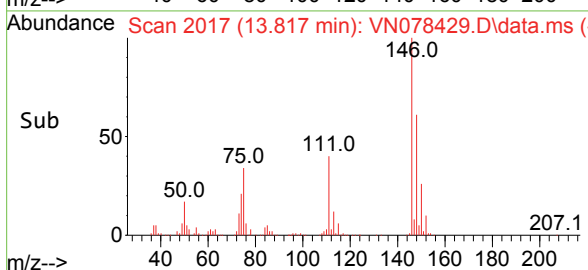
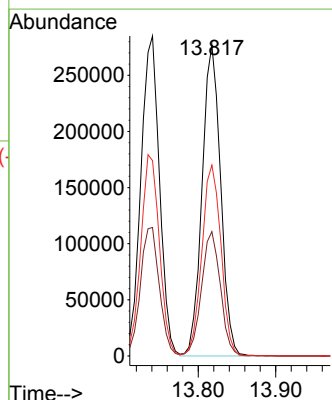
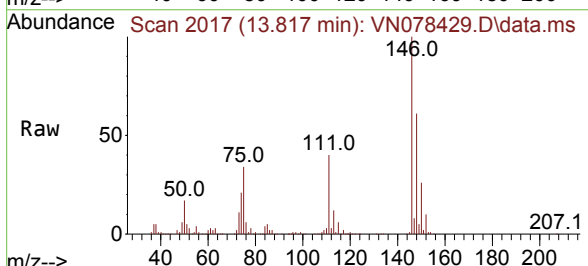
Tgt Ion:146 Resp: 460316

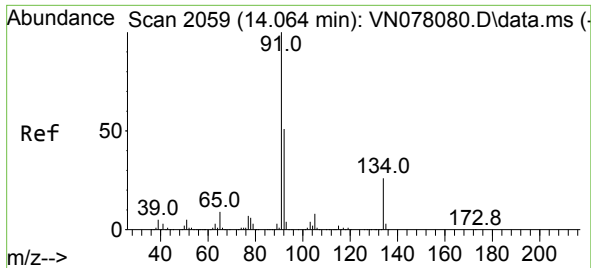
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 63.2 31.6 94.8

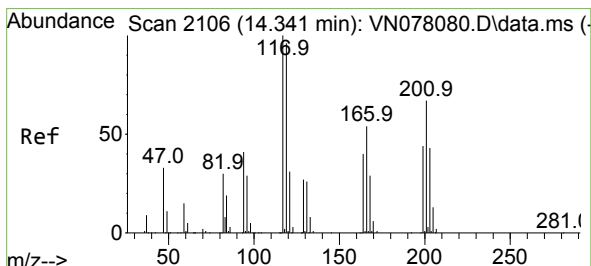
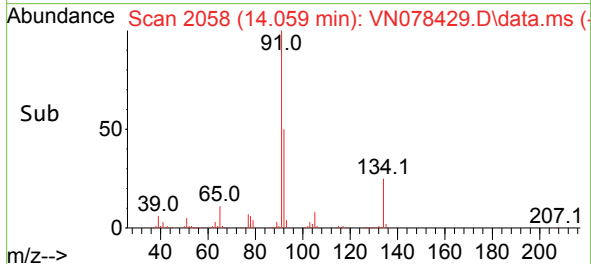
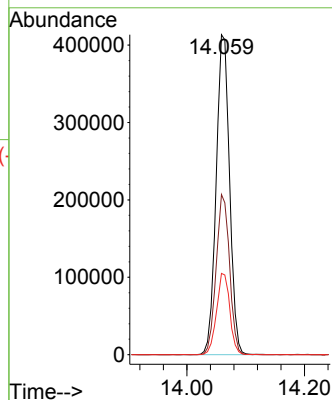
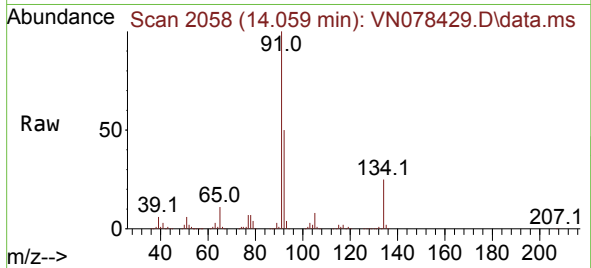




#89
n-Butylbenzene
Concen: 45.160 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

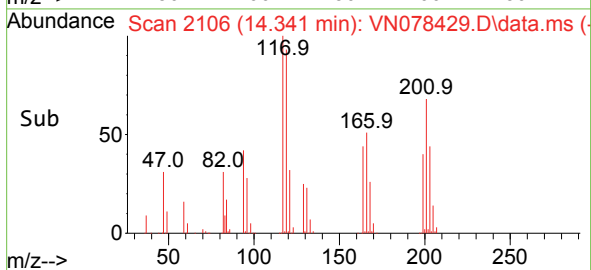
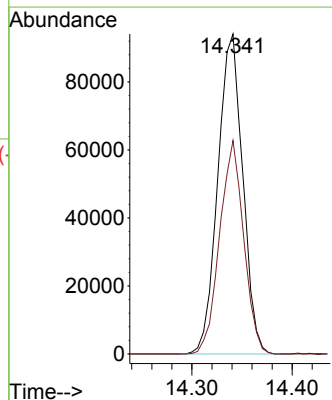
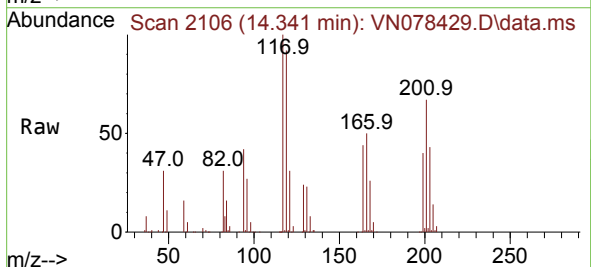
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

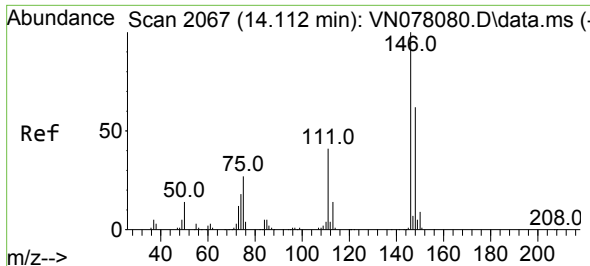
Tgt Ion: 91 Resp: 654353
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 49.721 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion: 117 Resp: 162094
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0

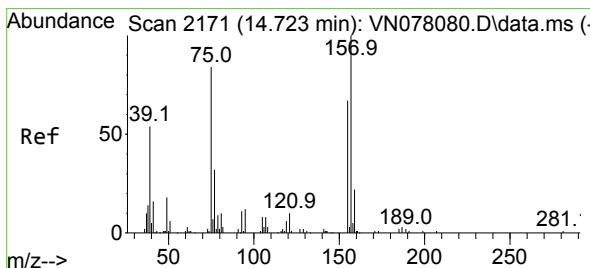
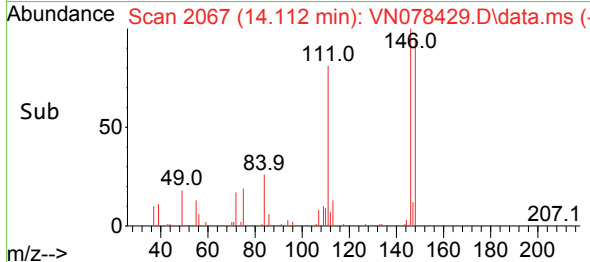
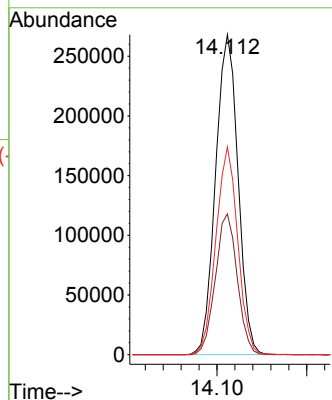
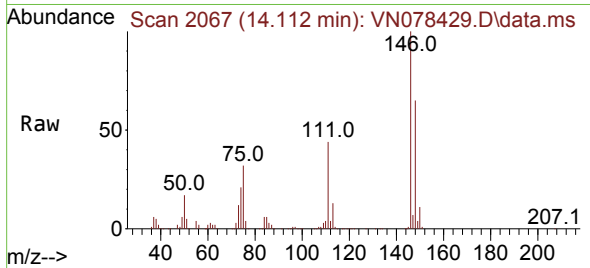




#91
 1,2-Dichlorobenzene
 Concen: 49.423 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

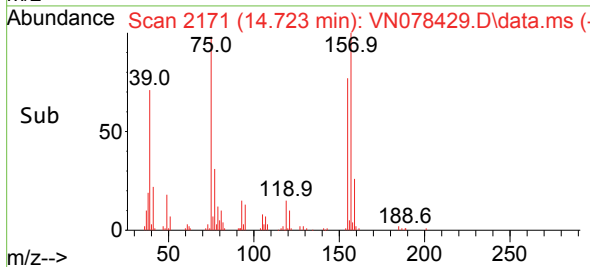
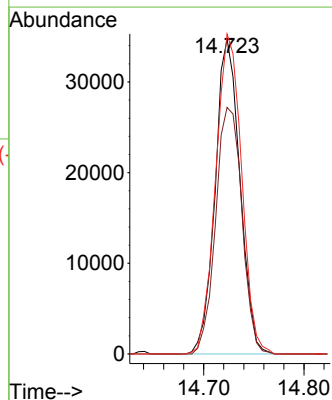
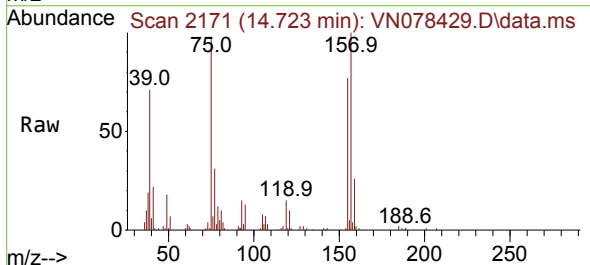
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

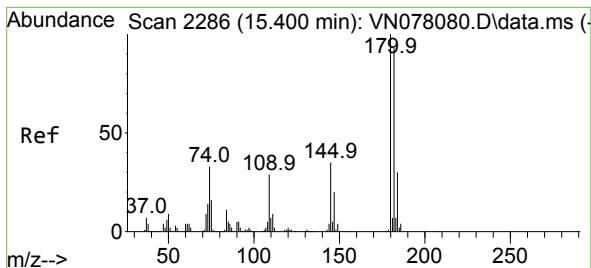
Tgt Ion:146 Resp: 466111
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.0 66.0
 148 63.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.950 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078429.D
 Acq: 27 Jun 2023 20:17

Tgt Ion: 75 Resp: 59586
 Ion Ratio Lower Upper
 75 100
 155 82.9 39.1 117.2
 157 106.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.110 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

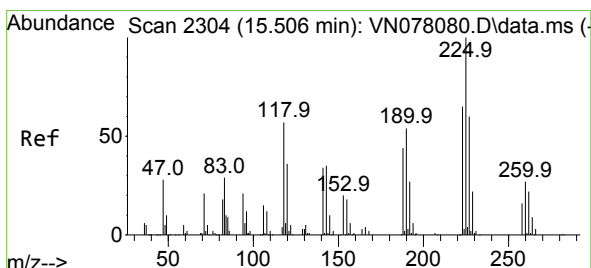
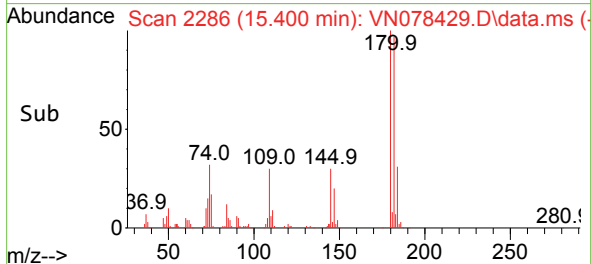
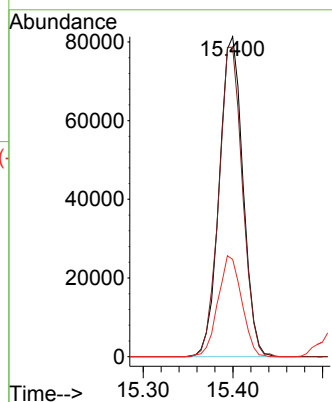
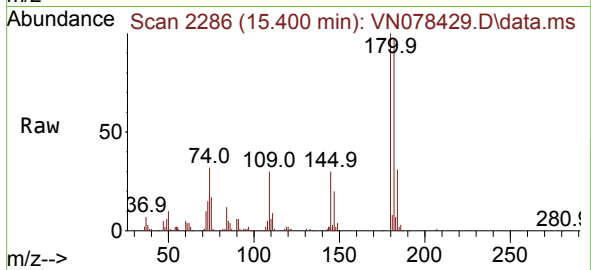
Tgt Ion:180 Resp: 148221

Ion Ratio Lower Upper

180 100

182 97.2 46.1 138.2

145 31.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 50.173 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078429.D

Acq: 27 Jun 2023 20:17

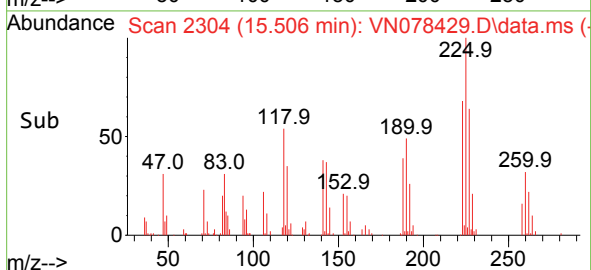
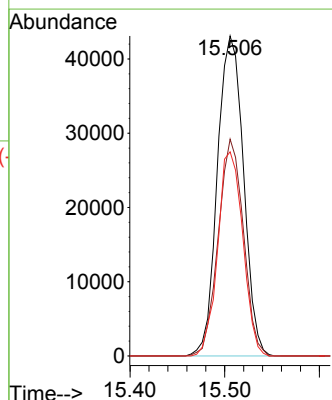
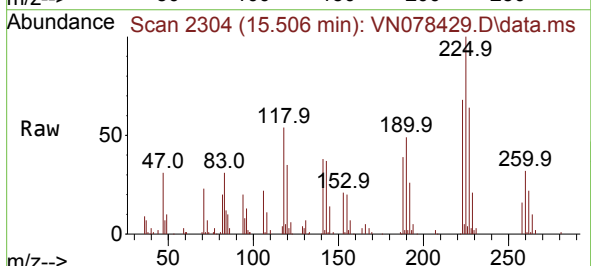
Tgt Ion:225 Resp: 82625

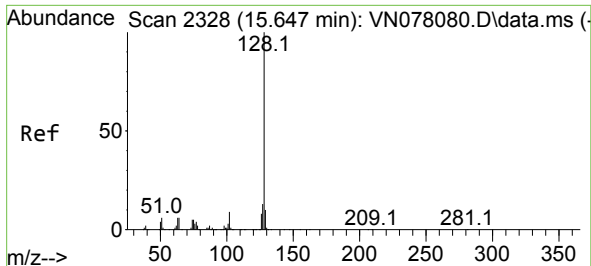
Ion Ratio Lower Upper

225 100

223 65.2 31.3 93.8

227 61.4 31.9 95.9

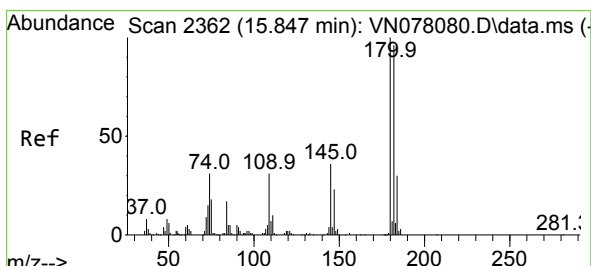
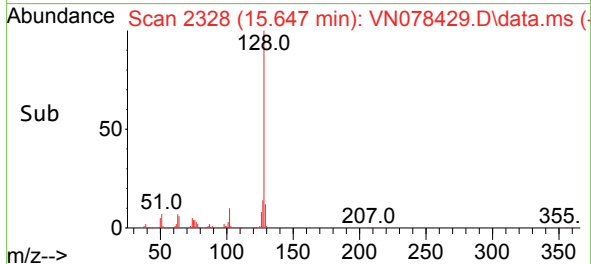
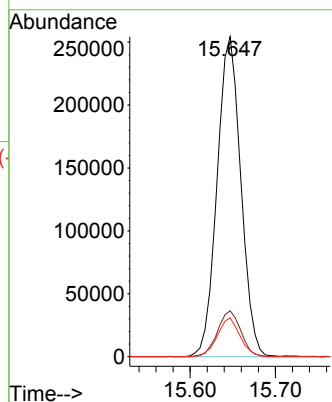
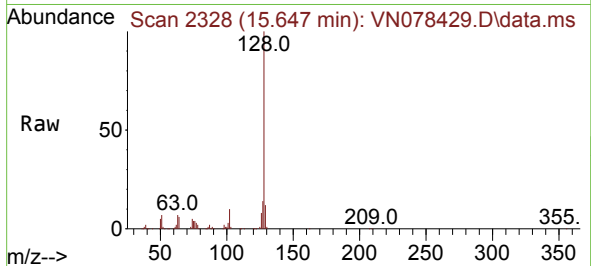




#95
Naphthalene
Concen: 43.623 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 493069
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.948 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078429.D
Acq: 27 Jun 2023 20:17

Tgt Ion:180 Resp: 168920
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 33.8 17.5 52.6

