

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079285.D
 Acq On : 18 Sep 2023 12:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:22:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	189805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	292446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165156	64.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 128.920%#	
35) Dibromofluoromethane	8.171	113	125348	58.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.960%	
50) Toluene-d8	10.571	98	454248	58.205	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.400%#	
62) 4-Bromofluorobenzene	12.853	95	160007	64.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 128.540%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	96452	51.358	ug/l	97
3) Chloromethane	2.365	50	116258	47.157	ug/l	98
4) Vinyl Chloride	2.518	62	126033	46.918	ug/l	100
5) Bromomethane	2.942	94	73146	47.372	ug/l	99
6) Chloroethane	3.112	64	88276	51.406	ug/l	99
7) Trichlorofluoromethane	3.495	101	186388	47.384	ug/l	94
8) Diethyl Ether	3.965	74	70672	51.763	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	104204	49.813	ug/l	98
10) Methyl Iodide	4.589	142	111773	65.318	ug/l	100
11) Tert butyl alcohol	5.530	59	114262	241.551	ug/l	98
12) 1,1-Dichloroethene	4.342	96	92386	45.637	ug/l #	76
13) Acrolein	4.183	56	128976	285.836	ug/l	96
14) Allyl chloride	5.024	41	175157	54.240	ug/l #	90
15) Acrylonitrile	5.724	53	328729	268.008	ug/l	99
16) Acetone	4.430	43	319983	294.055	ug/l	91
17) Carbon Disulfide	4.712	76	254759	40.266	ug/l	100
18) Methyl Acetate	5.030	43	238972	53.434	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	380327	54.780	ug/l	92
20) Methylene Chloride	5.283	84	129055	48.735	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	111573	47.512	ug/l #	81
22) Diisopropyl ether	6.677	45	409395	57.779	ug/l #	90
23) Vinyl Acetate	6.606	43	1237563	283.965	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	232187	53.158	ug/l	97
25) 2-Butanone	7.488	43	450352	285.239	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	184109	51.364	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	137243	51.111	ug/l	85
28) Bromochloromethane	7.818	49	126843	64.229	ug/l #	74
29) Tetrahydrofuran	7.841	42	291228	289.850	ug/l #	76
30) Chloroform	7.971	83	246630	54.232	ug/l	96
31) Cyclohexane	8.259	56	178098	47.605	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	206323	53.223	ug/l	94
36) 1,1-Dichloropropene	8.377	75	173939	53.093	ug/l	94
37) Ethyl Acetate	7.565	43	183367	56.116	ug/l #	91
38) Carbon Tetrachloride	8.365	117	179550	52.961	ug/l	97
39) Methylcyclohexane	9.606	83	167481	51.827	ug/l #	87
40) Benzene	8.612	78	512510	51.103	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	92978	56.433	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	201350	58.319	ug/l	96
43) Isopropyl Acetate	8.694	43	300794	56.415	ug/l #	90
44) Trichloroethene	9.359	130	118492	47.962	ug/l	92
45) 1,2-Dichloropropane	9.624	63	138401	55.606	ug/l	97
46) Dibromomethane	9.712	93	96870	57.332	ug/l	95
47) Bromodichloromethane	9.894	83	198520	57.364	ug/l	99
48) Methyl methacrylate	9.682	41	144283	60.414	ug/l #	79
49) 1,4-Dioxane	9.700	88	52001	1058.623	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	933757	301.691	ug/l	89
52) Toluene	10.635	92	317297	51.481	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	205428	56.295	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	218105	55.882	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	135222	55.914	ug/l	97
56) Ethyl methacrylate	10.876	69	202232	59.238	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	235961	56.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	398531	274.534	ug/l	90
59) 2-Hexanone	11.200	43	674282	300.787	ug/l	87
60) Dibromochloromethane	11.365	129	142997	55.558	ug/l	98
61) 1,2-Dibromoethane	11.476	107	131062	54.305	ug/l	98
64) Tetrachloroethene	11.106	164	99945	46.869	ug/l	98
65) Chlorobenzene	11.894	112	332481	50.185	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	129485	52.121	ug/l	97
67) Ethyl Benzene	11.970	91	615156	54.285	ug/l	95
68) m/p-Xylenes	12.076	106	461134	109.175	ug/l	91
69) o-Xylene	12.406	106	225293	55.615	ug/l	92
70) Styrene	12.418	104	377449	57.934	ug/l	97
71) Bromoform	12.582	173	97968	53.417	ug/l #	100
73) Isopropylbenzene	12.700	105	583905	48.839	ug/l	98
74) N-amyl acetate	12.500	43	241640	53.272	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	200717	45.084	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	249197	70.362	ug/l	67
77) Bromobenzene	12.982	156	134860	44.548	ug/l	93
78) n-propylbenzene	13.041	91	695228	51.765	ug/l	97
79) 2-Chlorotoluene	13.129	91	421686	48.005	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	498247	50.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	60332	46.833	ug/l #	85
82) 4-Chlorotoluene	13.223	91	414044	50.163	ug/l	99
83) tert-Butylbenzene	13.441	119	410245	49.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	495933	52.272	ug/l	99
85) sec-Butylbenzene	13.623	105	566633	49.942	ug/l	100
86) p-Isopropyltoluene	13.735	119	466163	51.428	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	241294	48.595	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	233239	46.486	ug/l	99
89) n-Butylbenzene	14.059	91	375208	52.639	ug/l	98
90) Hexachloroethane	14.335	117	89074	48.390	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	236206	48.188	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34534	51.027	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	84874	48.183	ug/l	98
94) Hexachlorobutadiene	15.506	225	56042	40.444	ug/l	97
95) Naphthalene	15.647	128	227697	43.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	92687	44.607	ug/l	98

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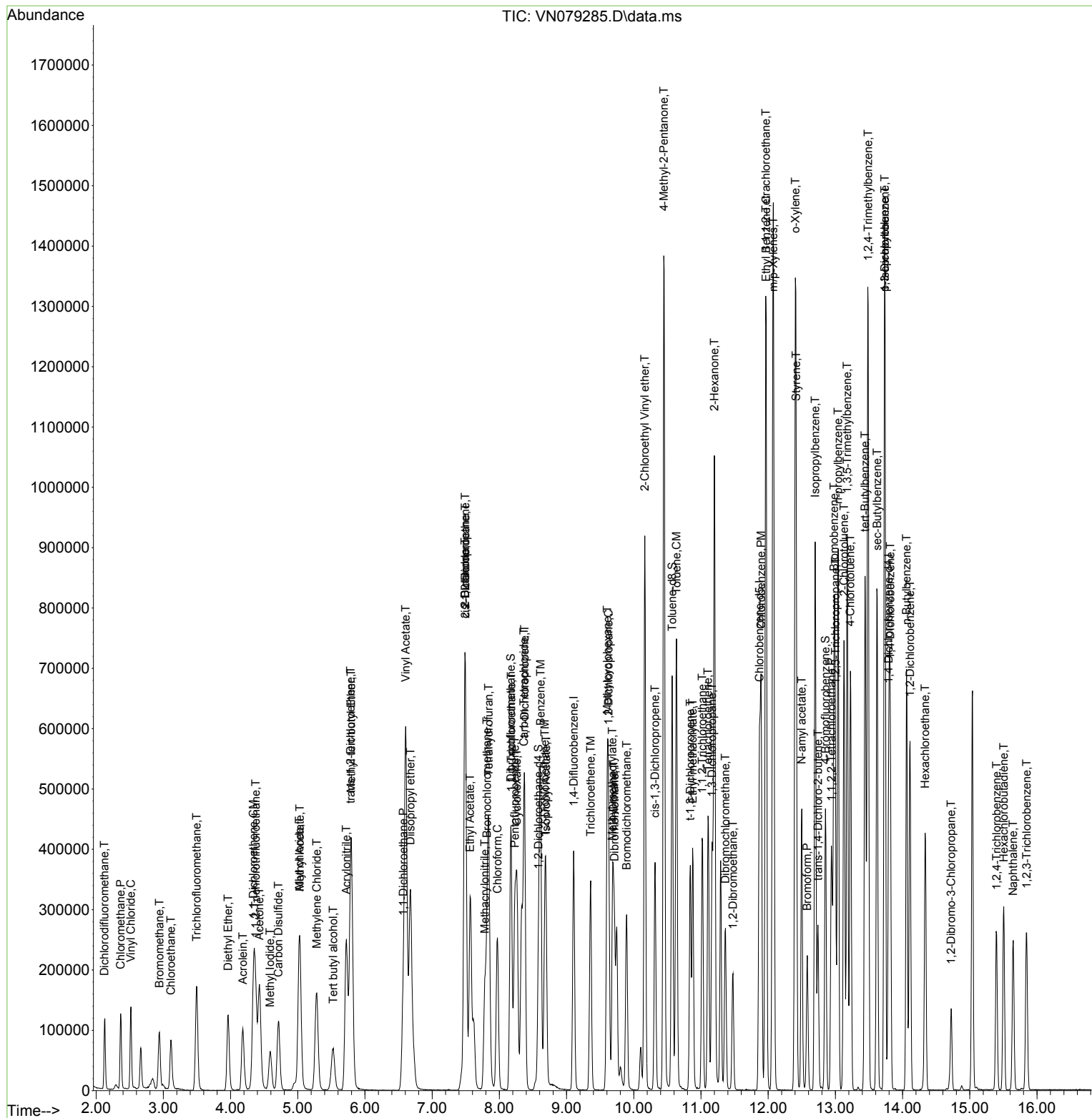
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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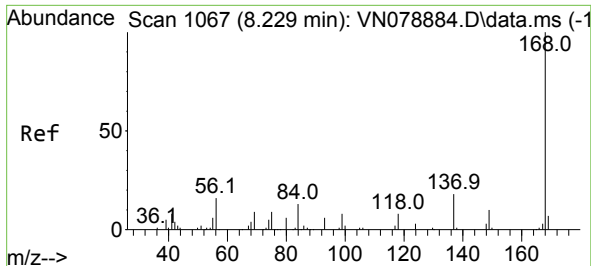
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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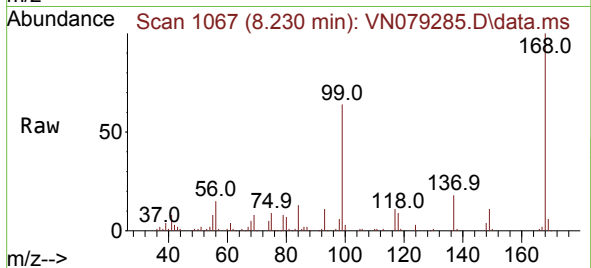
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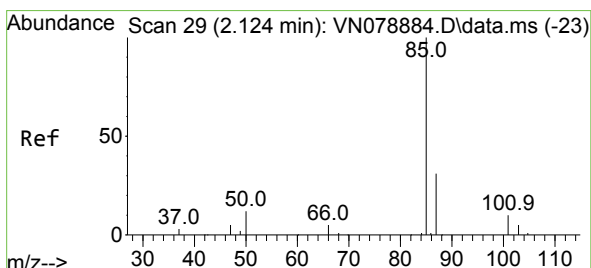
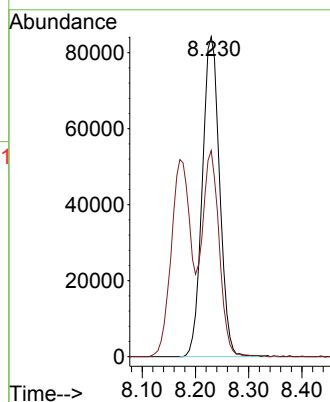
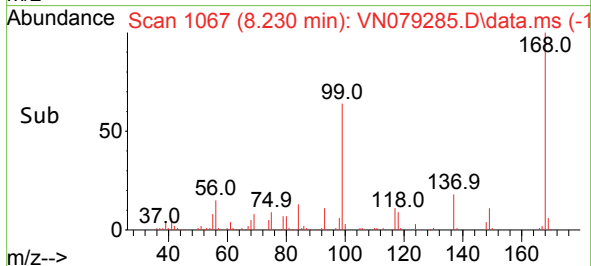


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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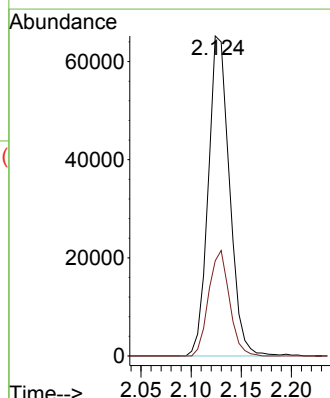
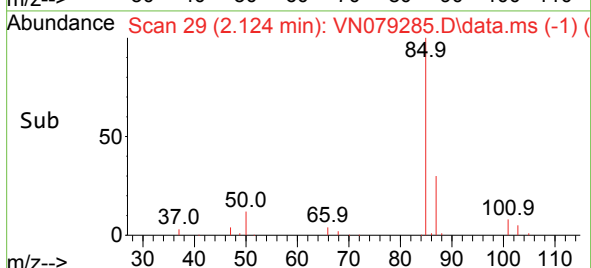
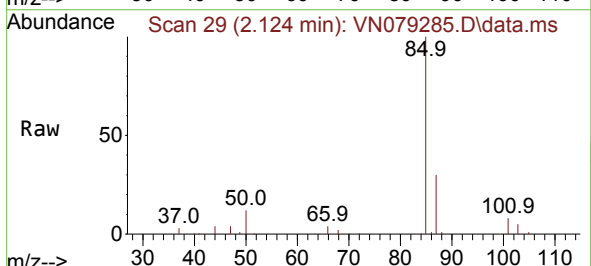


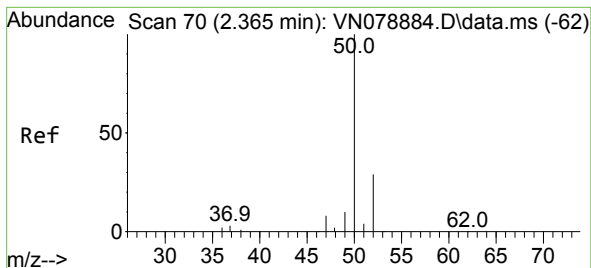
Tgt Ion:168 Resp: 189805
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 51.358 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 85 Resp: 96452
Ion Ratio Lower Upper
85 100
87 29.7 15.8 47.4





#3

Chloromethane

Concen: 47.157 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

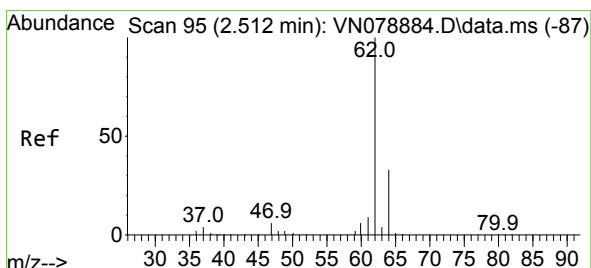
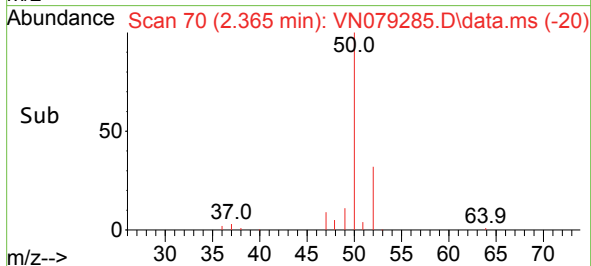
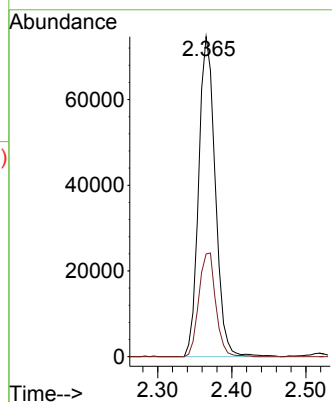
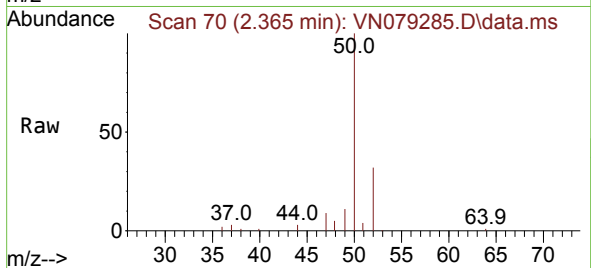
ClientSampleId :

Tgt Ion: 50 Resp: 116258

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



#4

Vinyl Chloride

Concen: 46.918 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079285.D

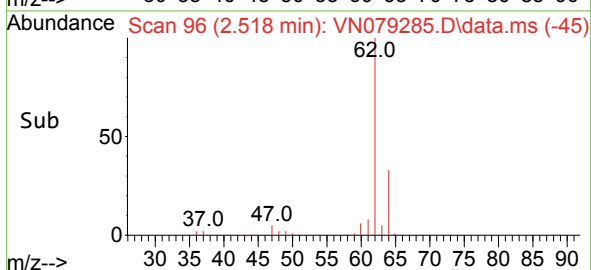
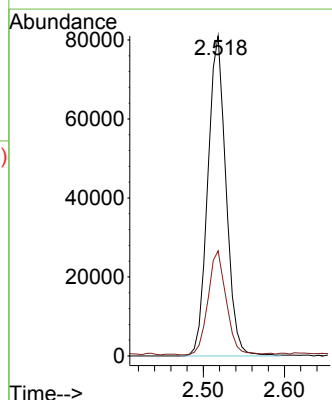
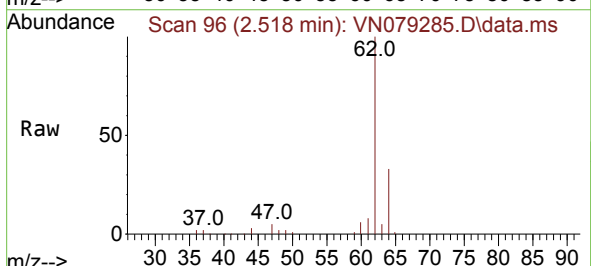
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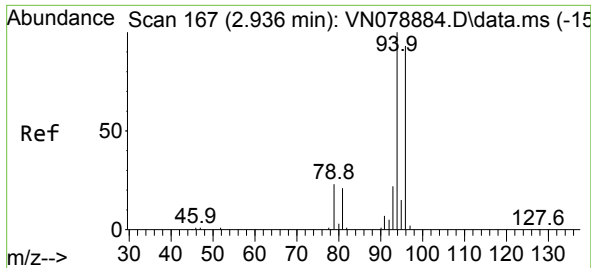
Tgt Ion: 62 Resp: 126033

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2

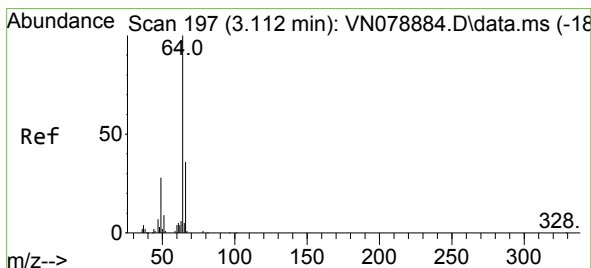
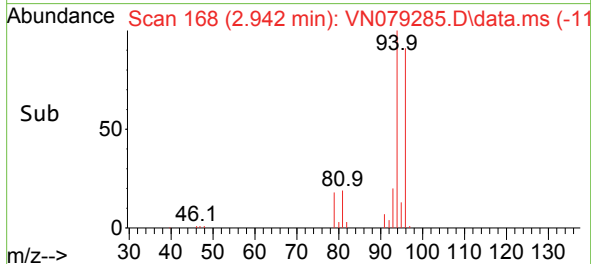
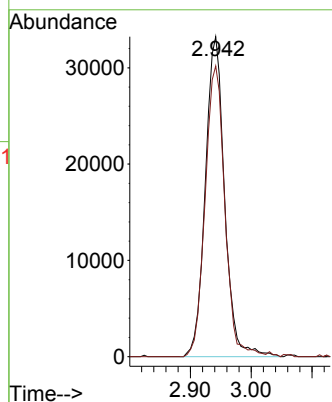
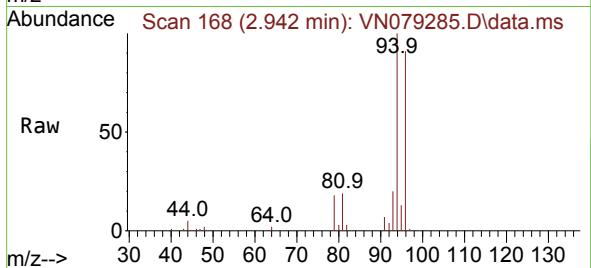




#5
Bromomethane
Concen: 47.372 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
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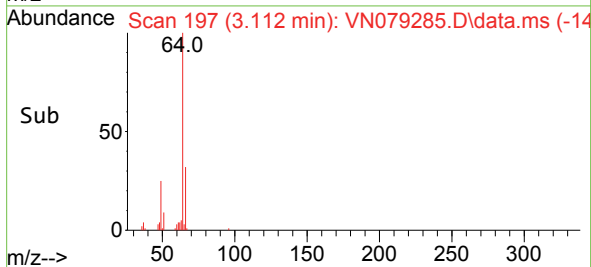
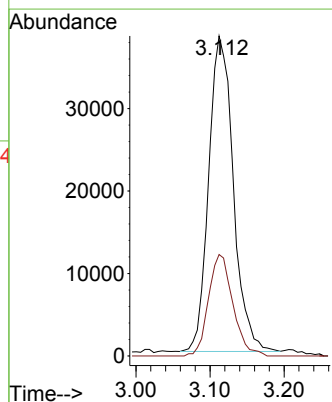
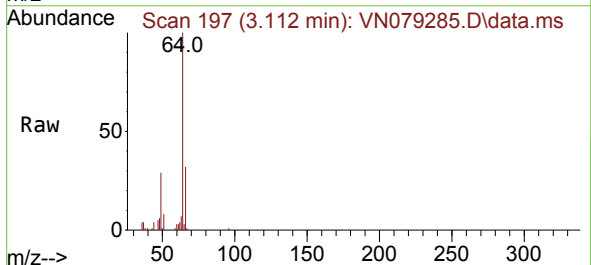
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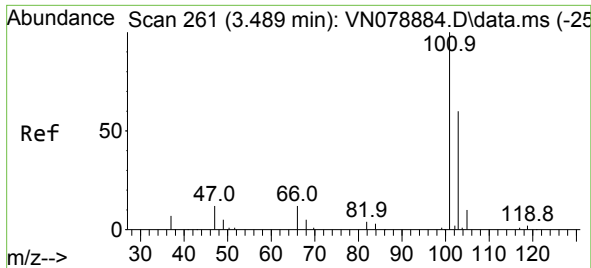
Tgt Ion: 94 Resp: 73146
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7



#6
Chloroethane
Concen: 51.406 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079285.D
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Tgt Ion: 64 Resp: 88276
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

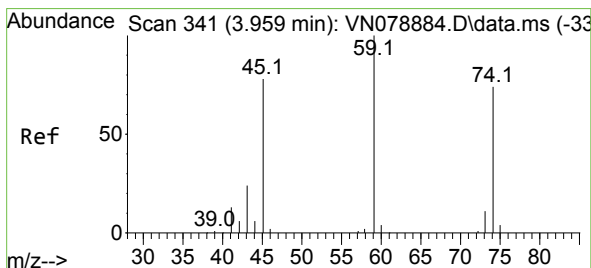
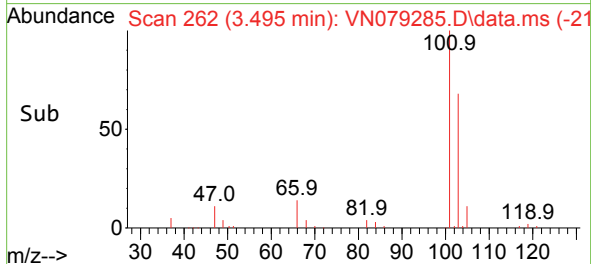
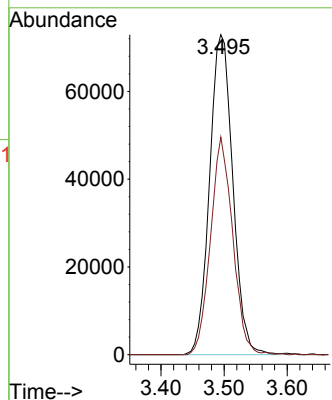
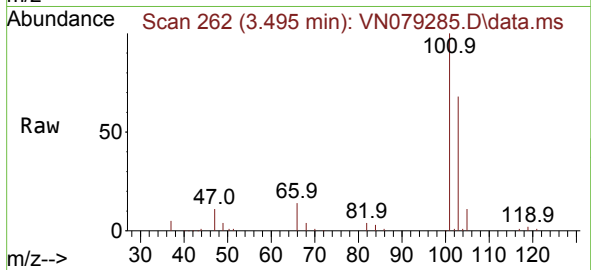




#7
 Trichlorofluoromethane
 Concen: 47.384 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

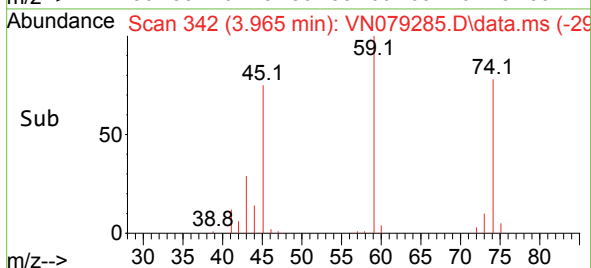
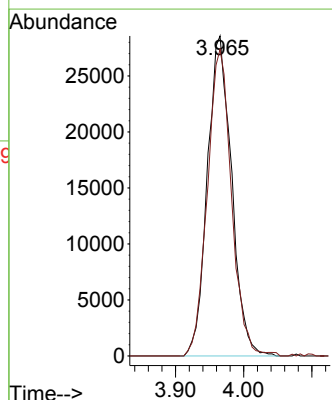
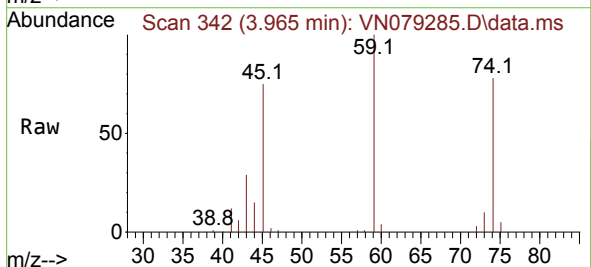
Instrument :
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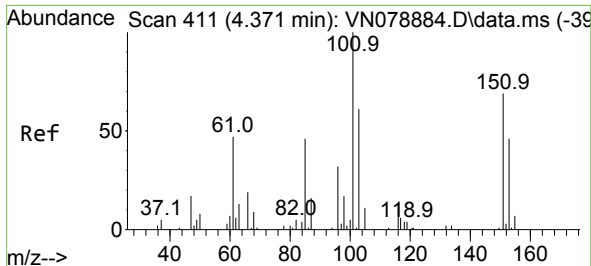
Tgt Ion:101 Resp: 186388
 Ion Ratio Lower Upper
 101 100
 103 68.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.763 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079285.D
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Tgt Ion: 74 Resp: 70672
 Ion Ratio Lower Upper
 74 100
 45 95.4 34.4 103.3

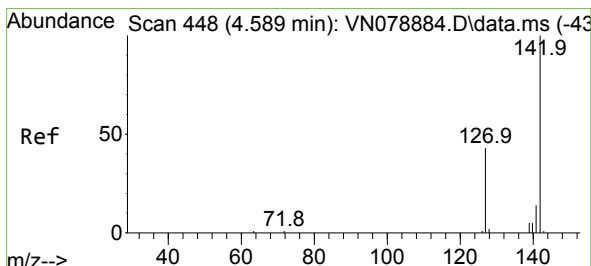
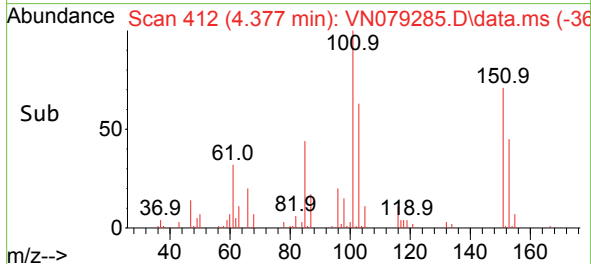
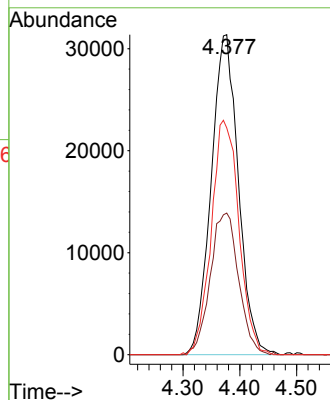
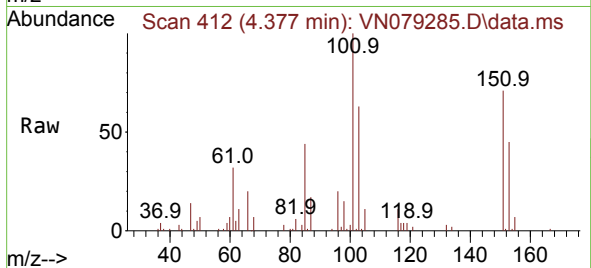




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.813 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

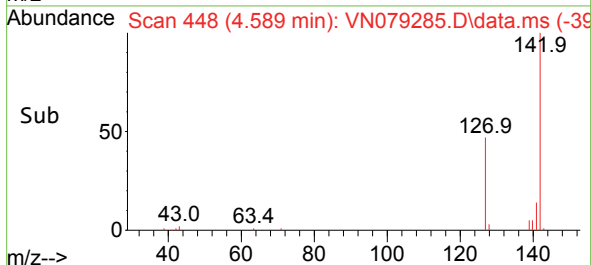
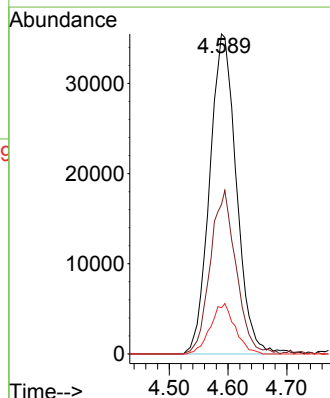
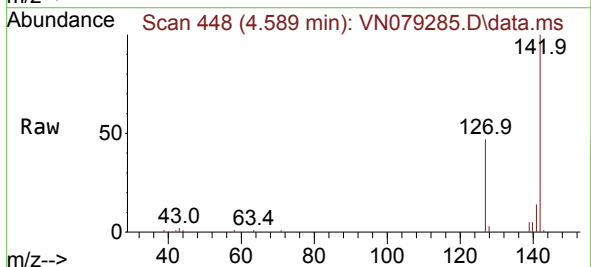
Instrument :
MSVOA_N
ClientSampleId :

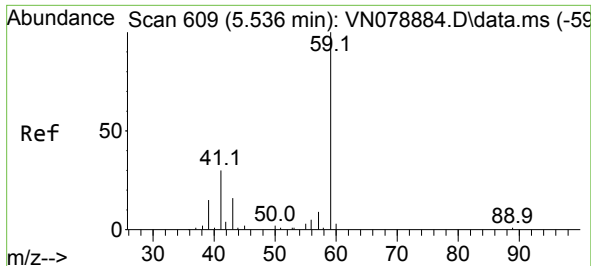
Tgt Ion:101 Resp: 104204
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 65.318 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:142 Resp: 111773
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.5 11.4 17.0

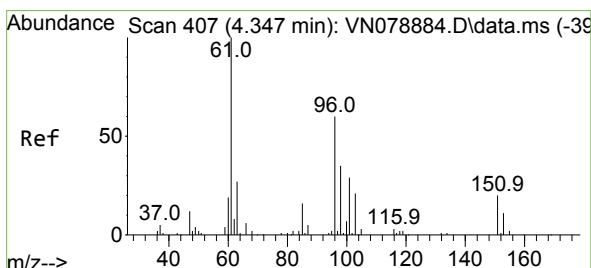
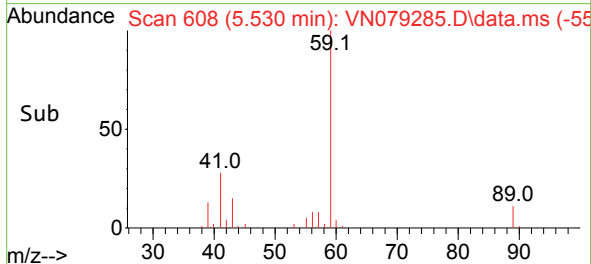
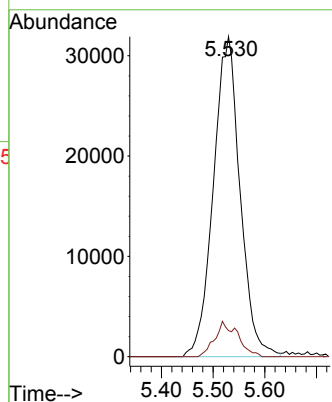
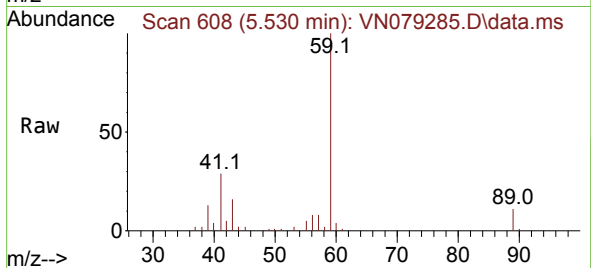




#11
Tert butyl alcohol
Concen: 241.551 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

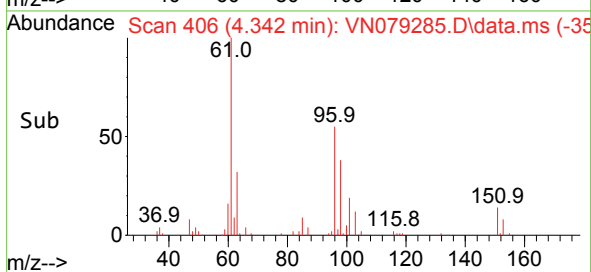
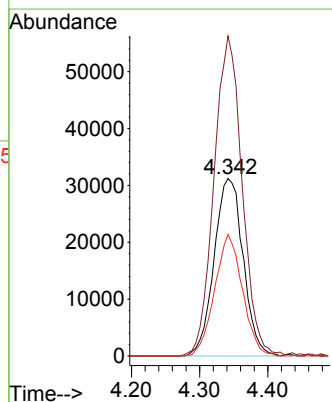
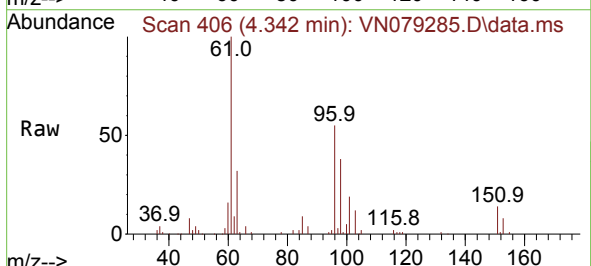
Instrument :
MSVOA_N
ClientSampleId :

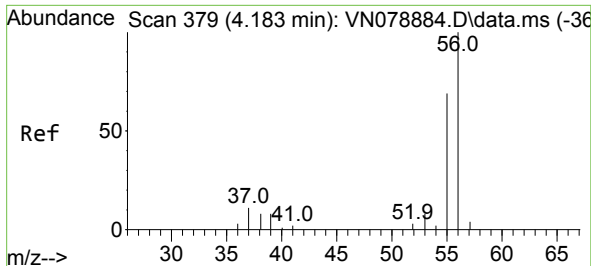
Tgt Ion: 59 Resp: 114262
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.637 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 96 Resp: 92386
Ion Ratio Lower Upper
96 100
61 180.4 112.7 169.1#
98 68.5 51.2 76.8

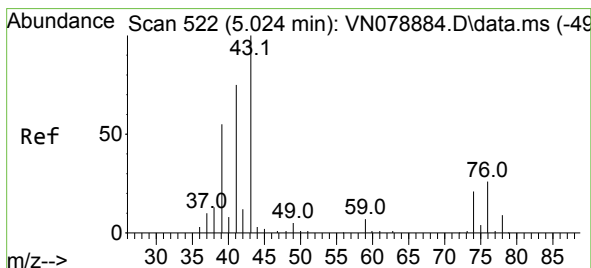
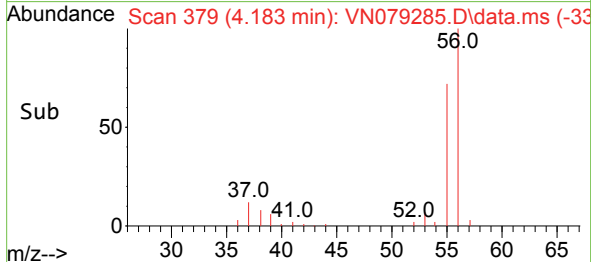
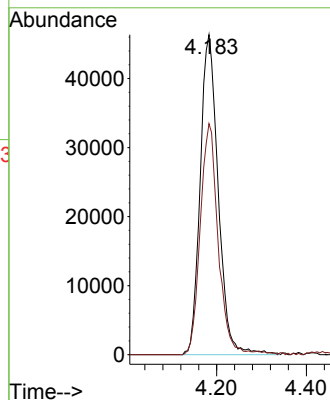
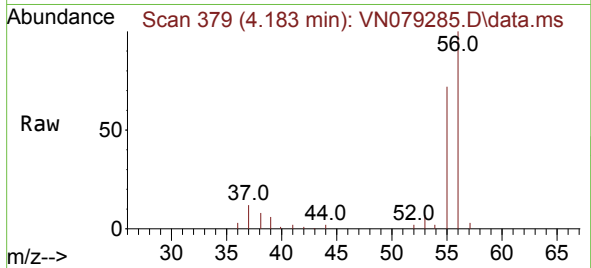




#13
Acrolein
Concen: 285.836 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

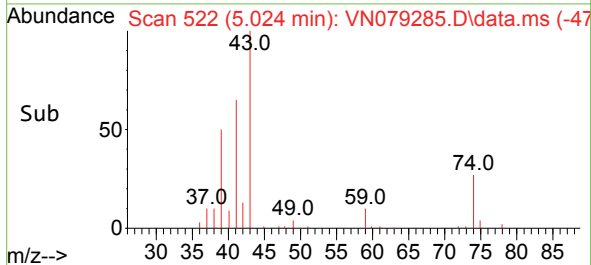
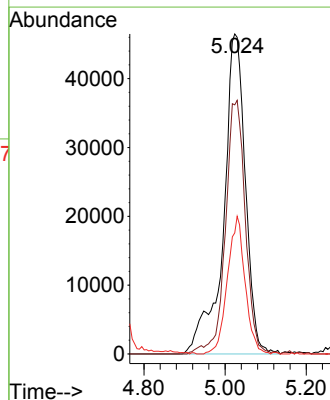
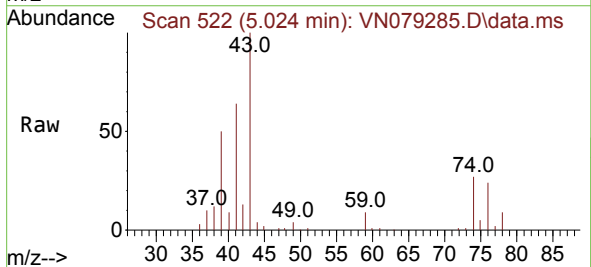
Instrument :
MSVOA_N
ClientSampleId :

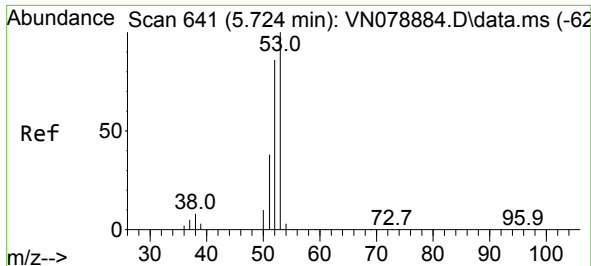
Tgt Ion: 56 Resp: 128976
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7



#14
Allyl chloride
Concen: 54.240 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 41 Resp: 175157
Ion Ratio Lower Upper
41 100
39 71.5 58.8 88.2
76 34.5 39.1 58.7#

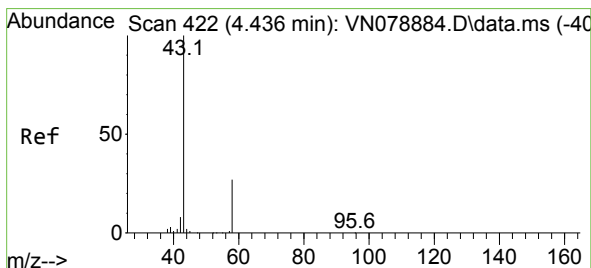
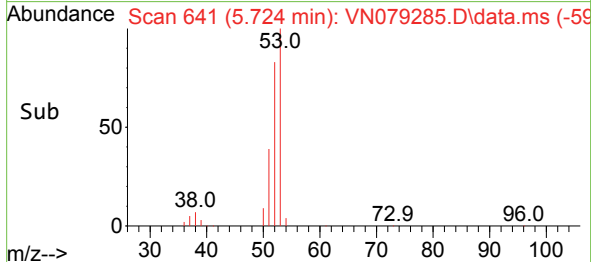
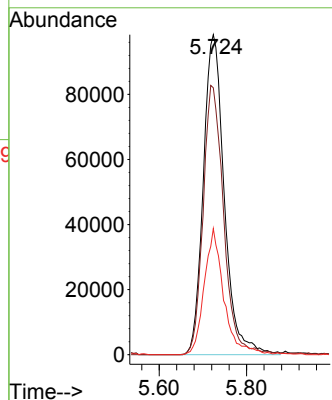
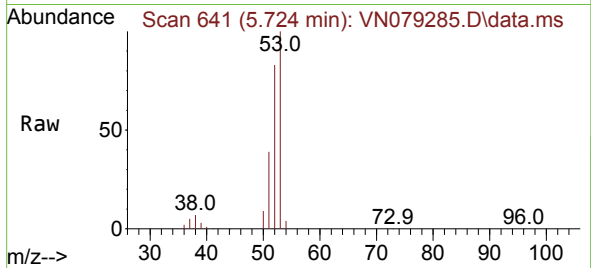




#15
Acrylonitrile
Concen: 268.008 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

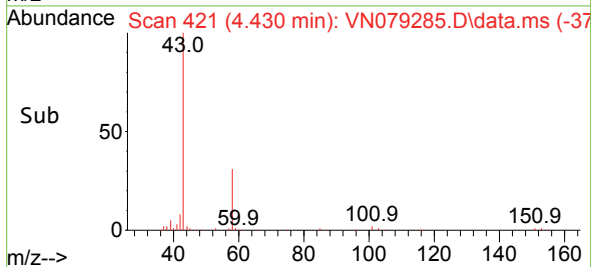
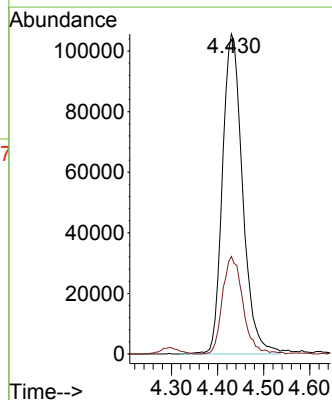
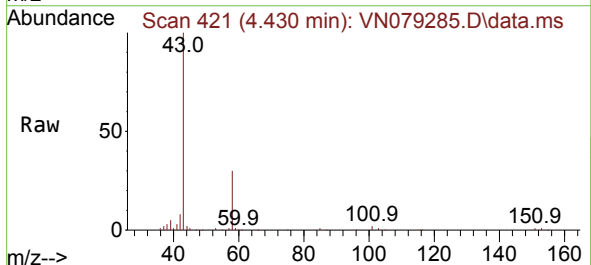
Instrument :
MSVOA_N
ClientSampleId :

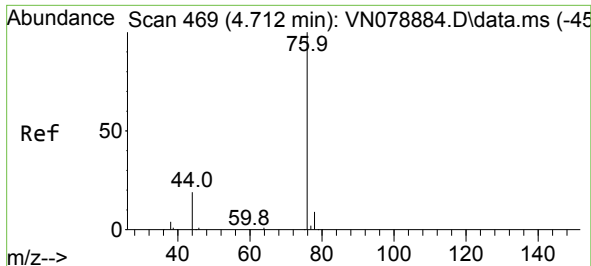
Tgt Ion: 53 Resp: 328729
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 294.055 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 43 Resp: 319983
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

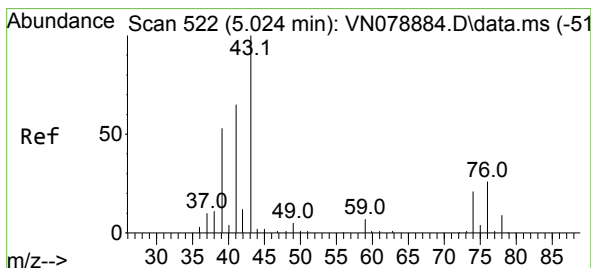
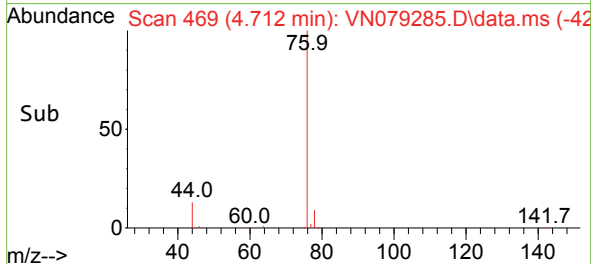
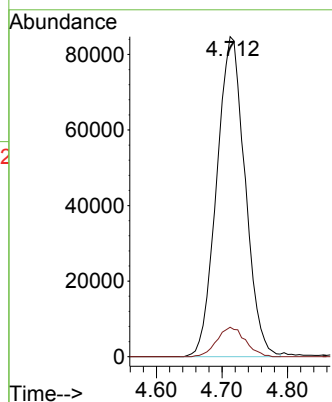
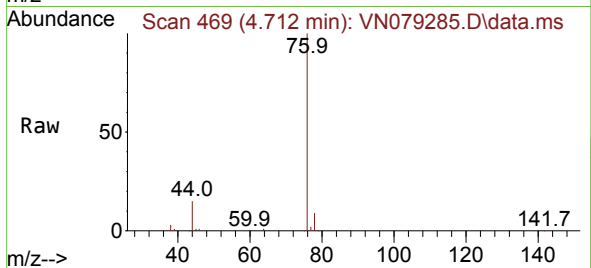




#17
Carbon Disulfide
Concen: 40.266 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

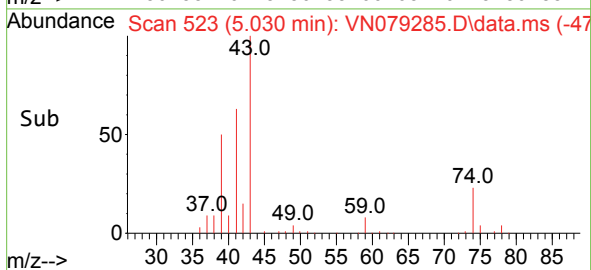
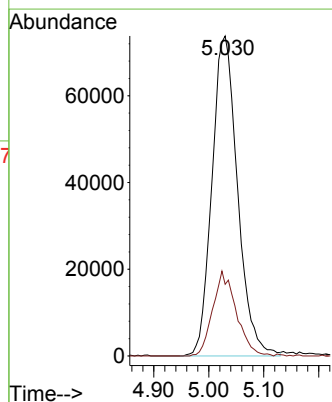
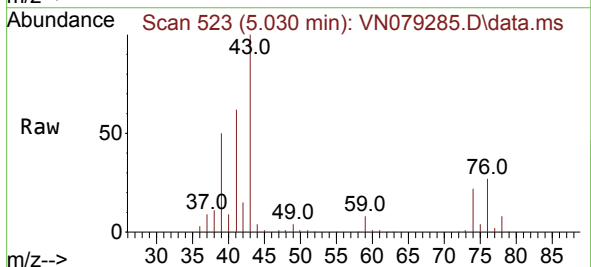
Instrument :
MSVOA_N
ClientSampleId :

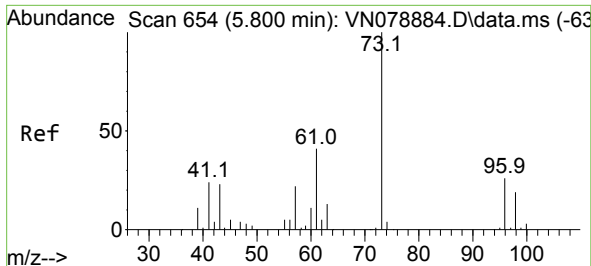
Tgt Ion: 76 Resp: 254759
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 53.434 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 43 Resp: 238972
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#

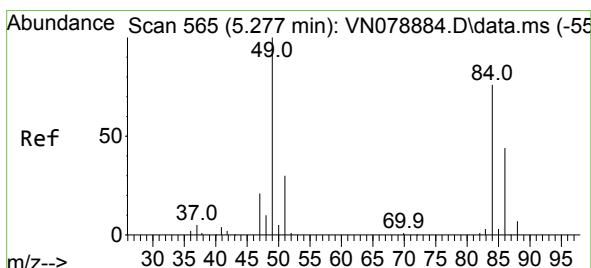
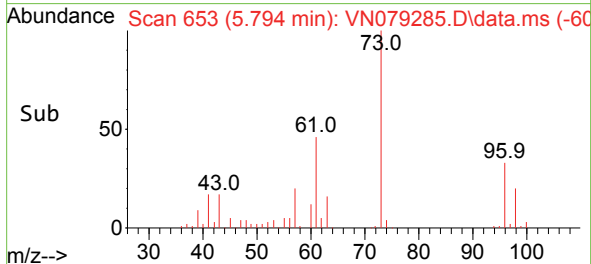
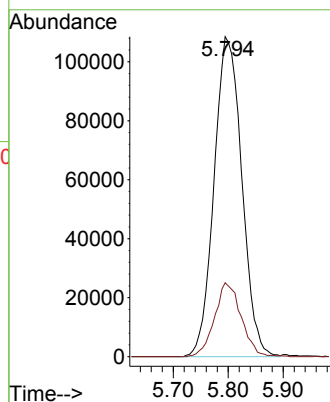
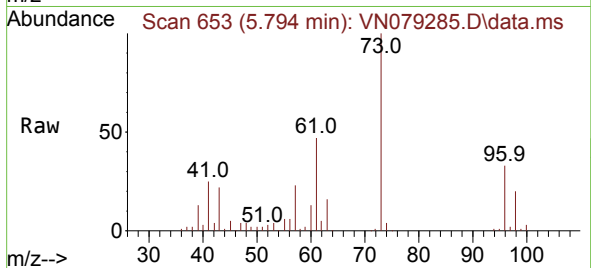




#19
Methyl tert-butyl Ether
Concen: 54.780 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

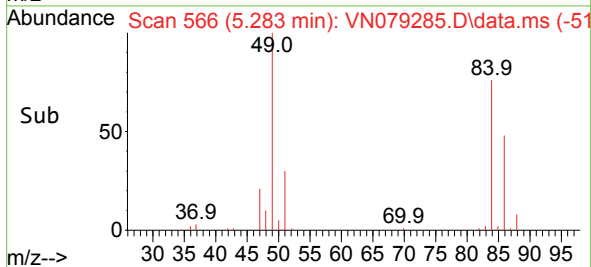
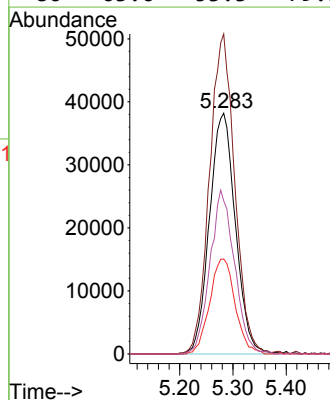
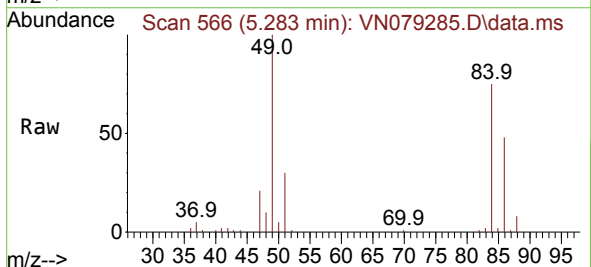
Instrument :
MSVOA_N
ClientSampleId :

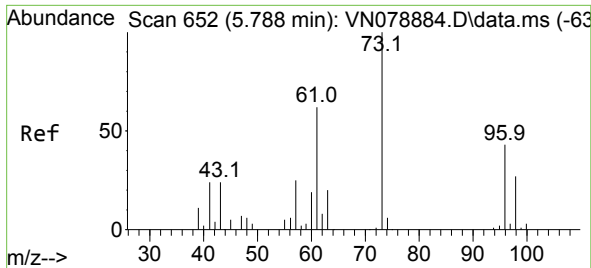
Tgt Ion: 73 Resp: 380327
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4



#20
Methylene Chloride
Concen: 48.735 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

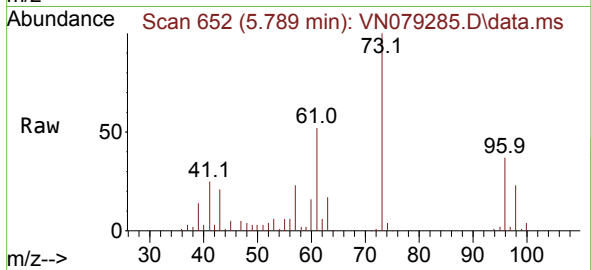
Tgt Ion: 84 Resp: 129055
Ion Ratio Lower Upper
84 100
49 132.4 79.7 119.5#
51 39.4 25.2 37.8#
86 63.6 53.3 79.9



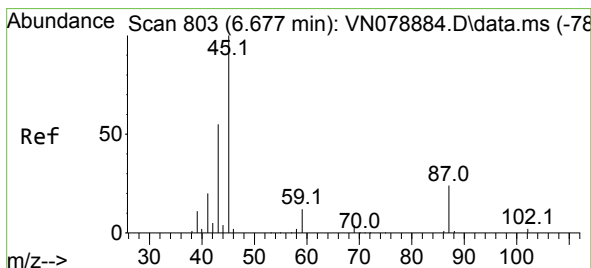
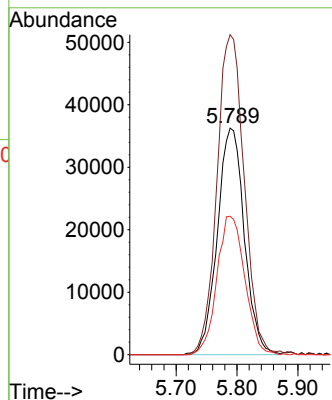
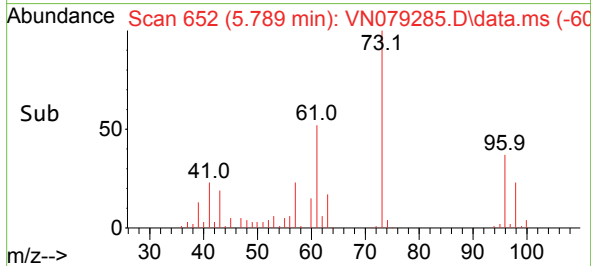


#21
trans-1,2-Dichloroethene
Concen: 47.512 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

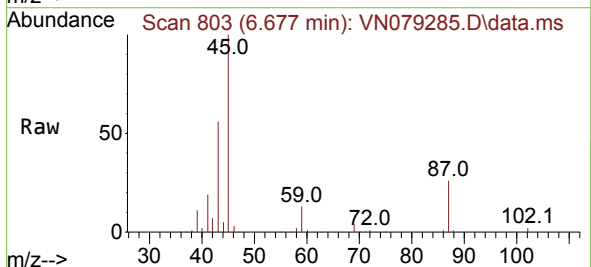
Instrument :
MSVOA_N
ClientSampleId :



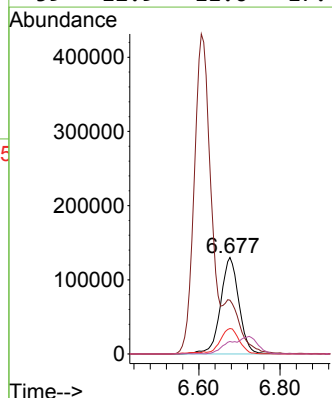
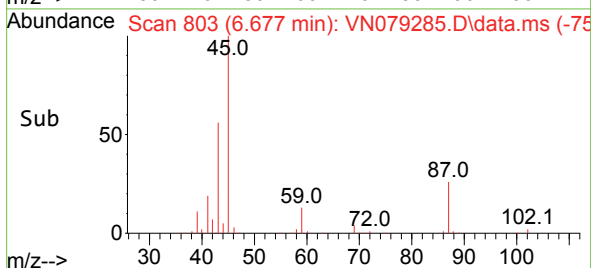
Tgt Ion: 96 Resp: 111573
Ion Ratio Lower Upper
96 100
61 141.2 90.1 135.1#
98 61.1 46.4 69.6

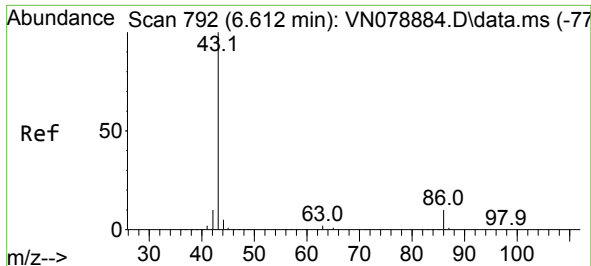


#22
Diisopropyl ether
Concen: 57.779 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20



Tgt Ion: 45 Resp: 409395
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 26.3 31.8 47.8#
59 12.9 11.6 17.4

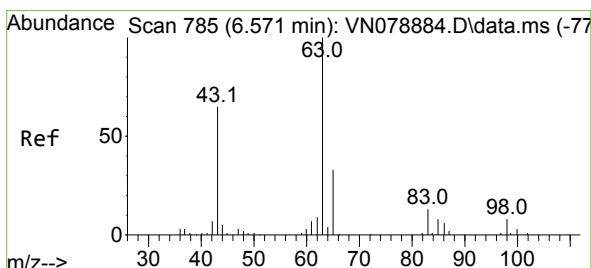
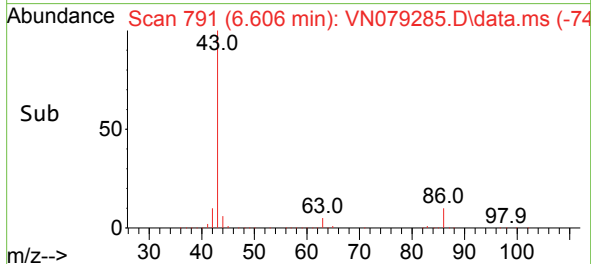
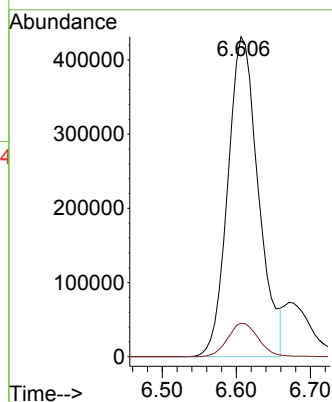
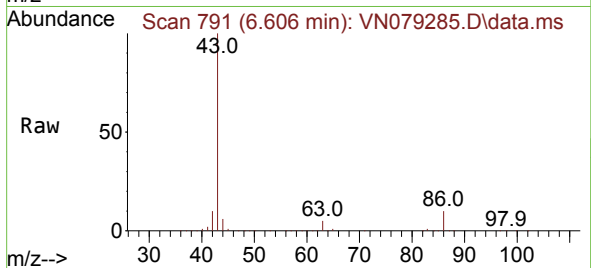




#23
 Vinyl Acetate
 Concen: 283.965 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

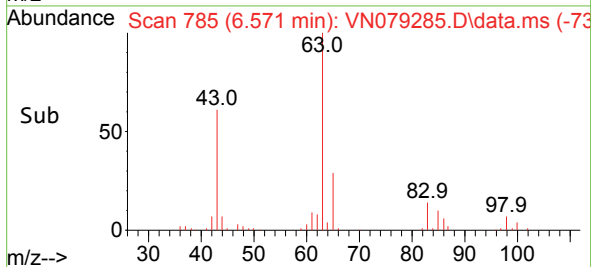
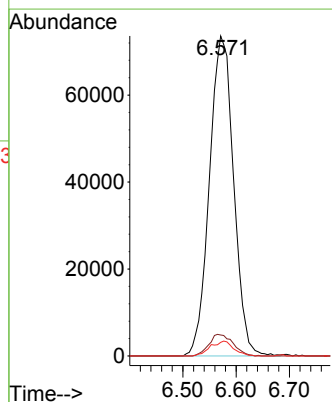
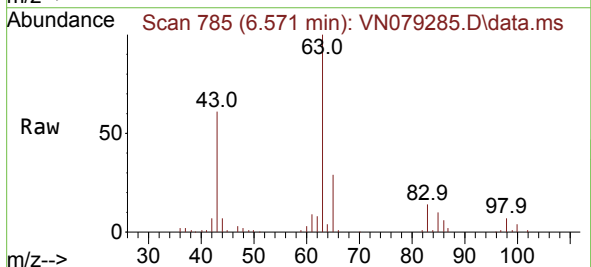
Instrument :
 MSVOA_N
 ClientSampleId :

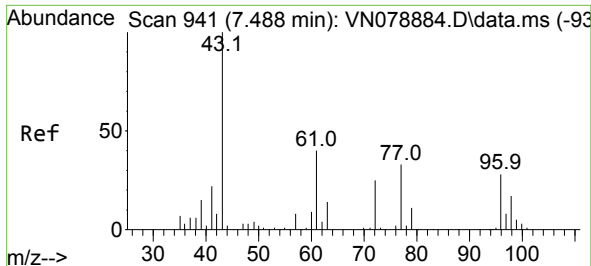
Tgt Ion: 43 Resp: 1237563
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.158 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

Tgt Ion: 63 Resp: 232187
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.2 2.5 7.4

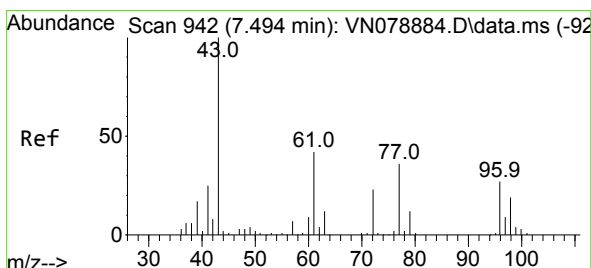
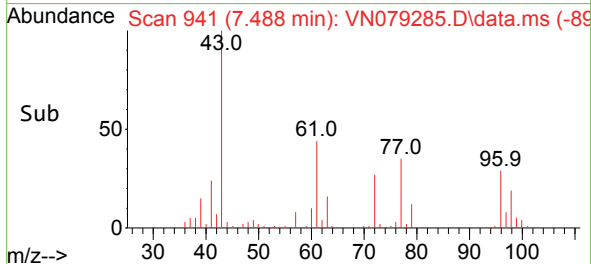
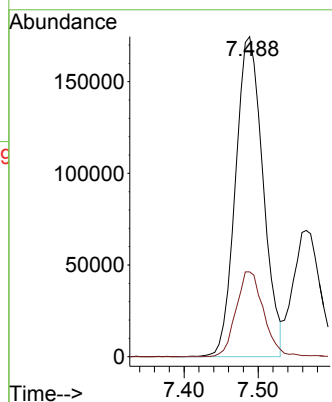
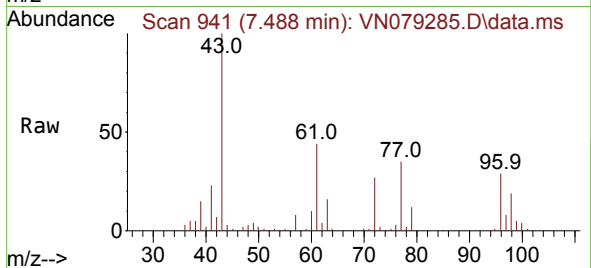




#25
2-Butanone
Concen: 285.239 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

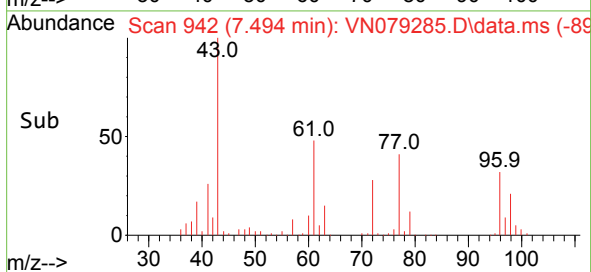
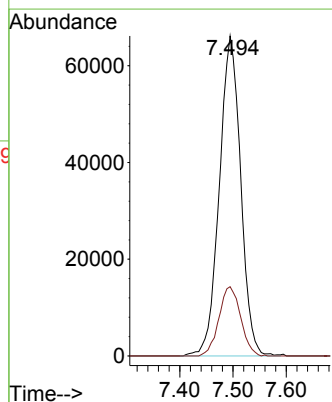
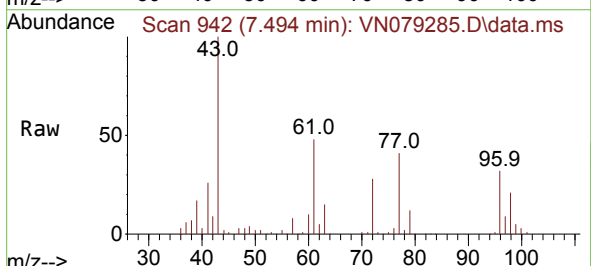
Instrument :
MSVOA_N
ClientSampleId :

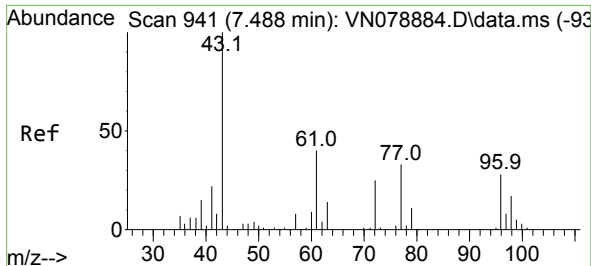
Tgt Ion: 43 Resp: 450352
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 51.364 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 77 Resp: 184109
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

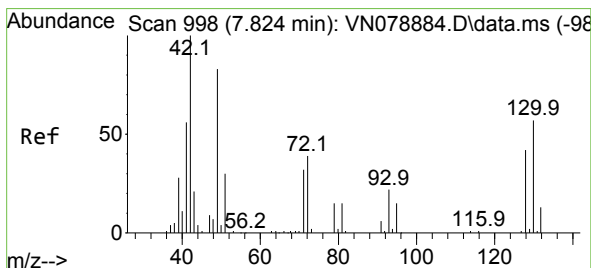
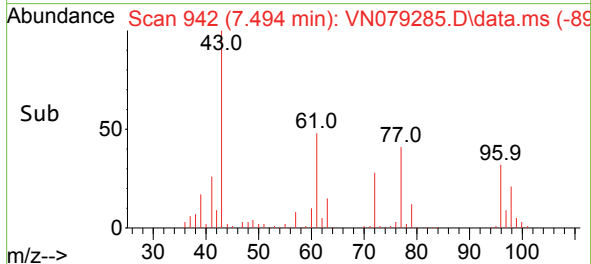
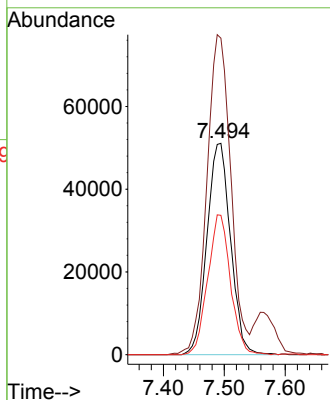
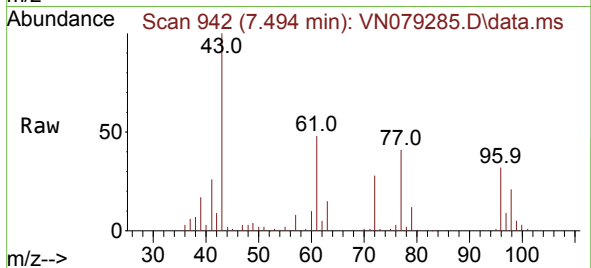




#27
 cis-1,2-Dichloroethene
 Concen: 51.111 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

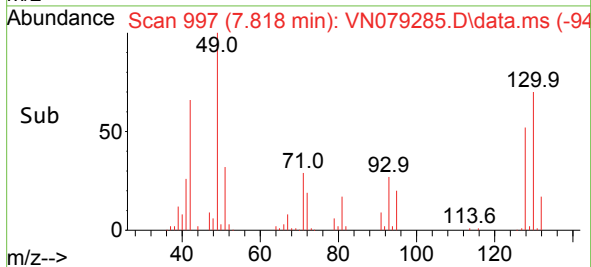
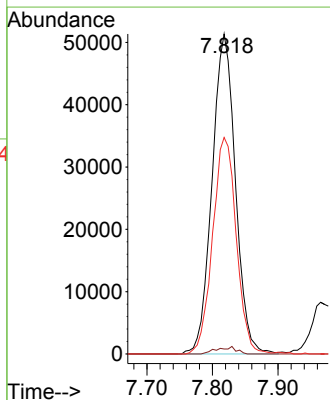
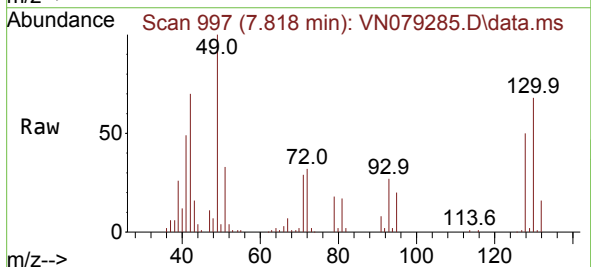
Instrument :
 MSVOA_N
 ClientSampleId :

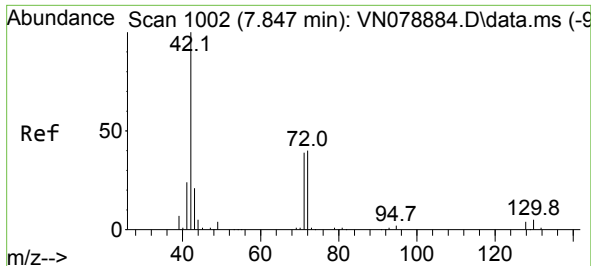
Tgt Ion: 96 Resp: 137243
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 64.229 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

Tgt Ion: 49 Resp: 126843
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 289.850 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

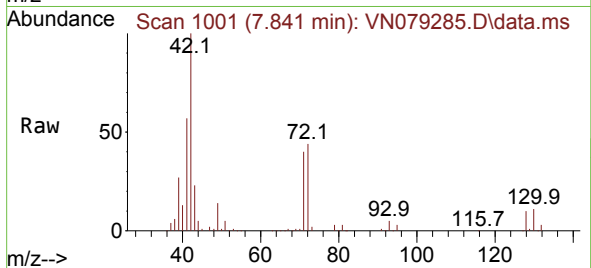
Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :



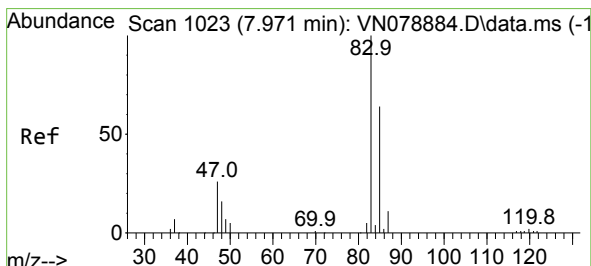
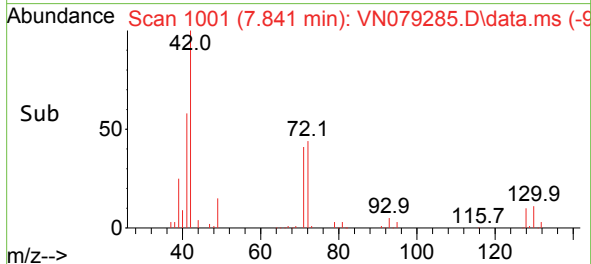
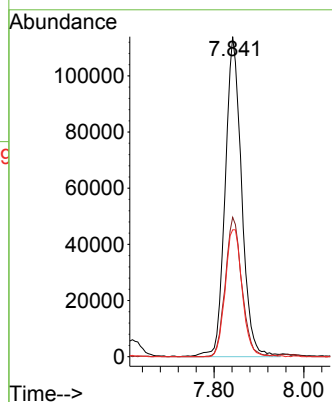
Tgt Ion: 42 Resp: 291228

Ion Ratio Lower Upper

42 100

72 43.7 49.8 74.6#

71 40.9 47.4 71.2#



#30

Chloroform

Concen: 54.232 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079285.D

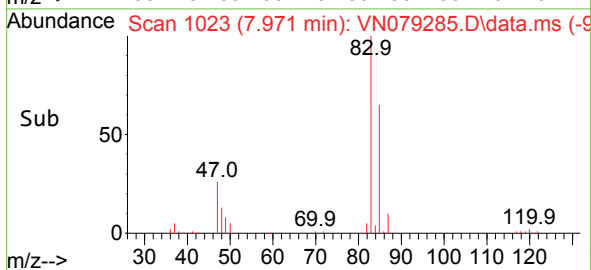
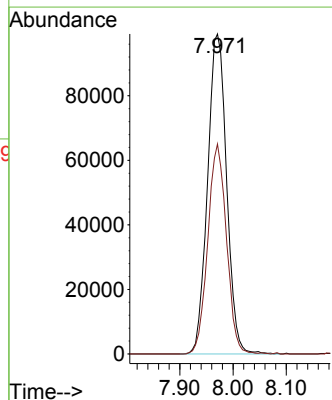
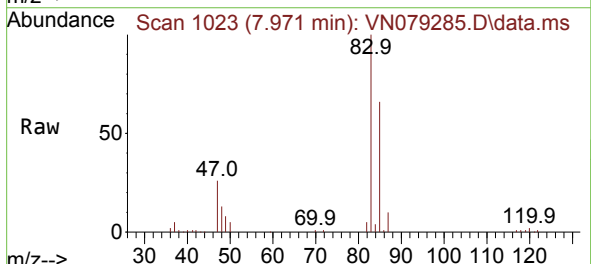
Acq: 18 Sep 2023 12:20

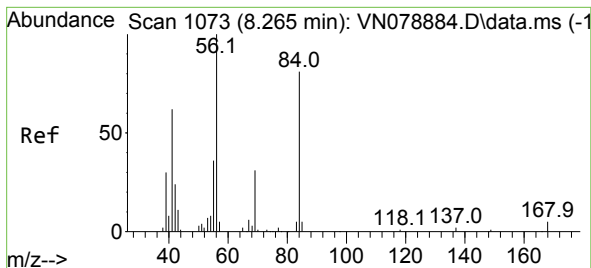
Tgt Ion: 83 Resp: 246630

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0





#31

Cyclohexane

Concen: 47.605 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

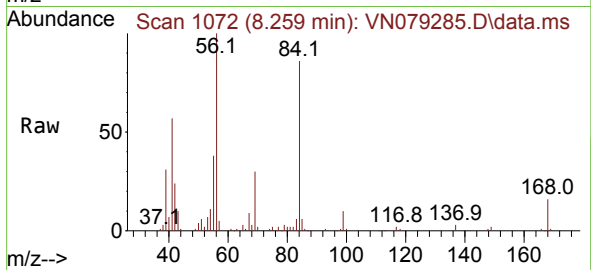
Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :



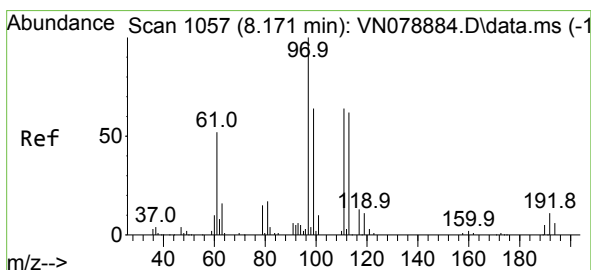
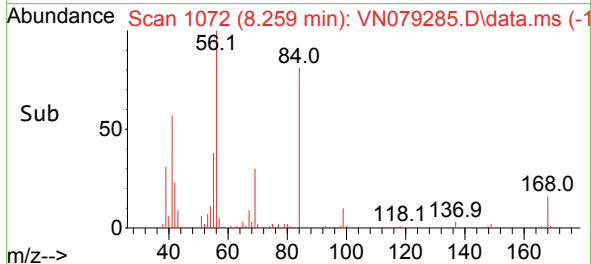
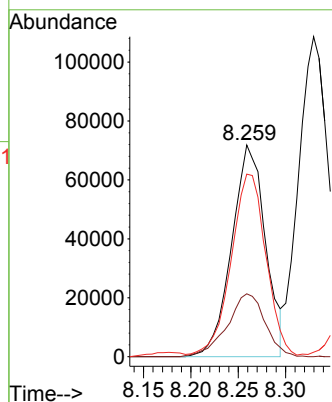
Tgt Ion: 56 Resp: 178098

Ion Ratio Lower Upper

56 100

69 29.7 26.8 40.2

84 84.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 53.223 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

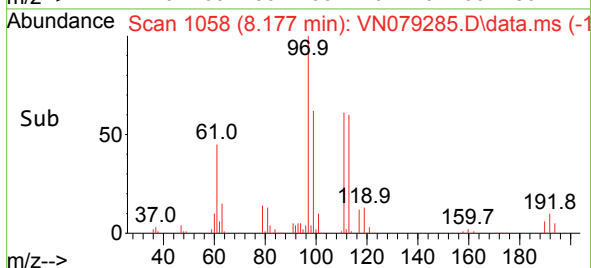
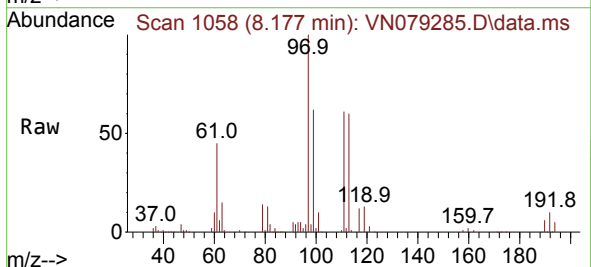
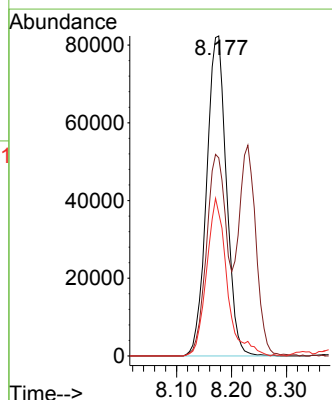
Tgt Ion: 97 Resp: 206323

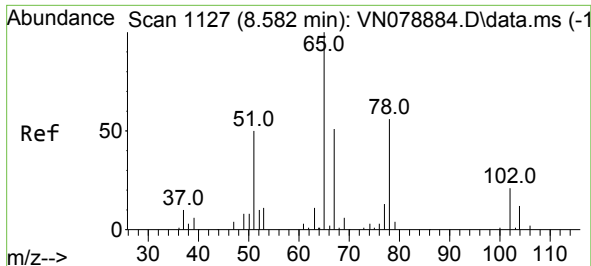
Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 50.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 64.459 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

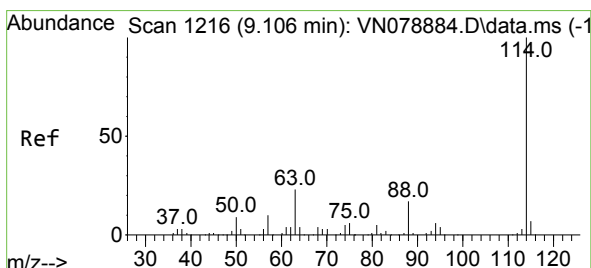
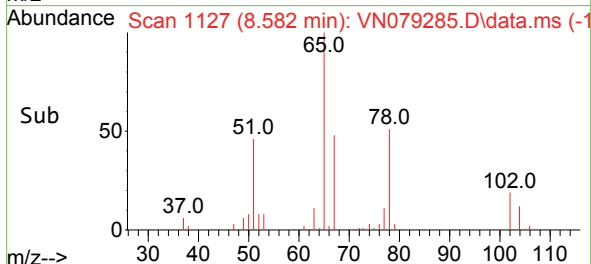
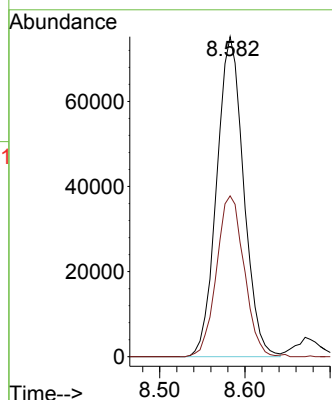
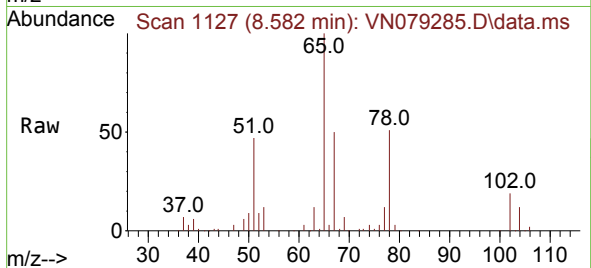
ClientSampleId :

Tgt Ion: 65 Resp: 165156

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

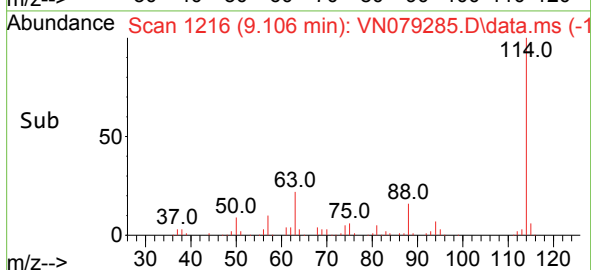
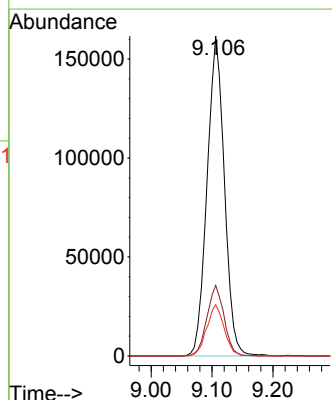
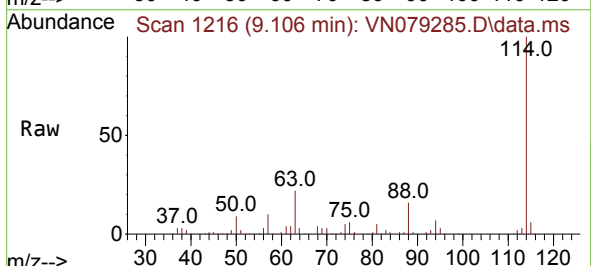
Tgt Ion: 114 Resp: 319528

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

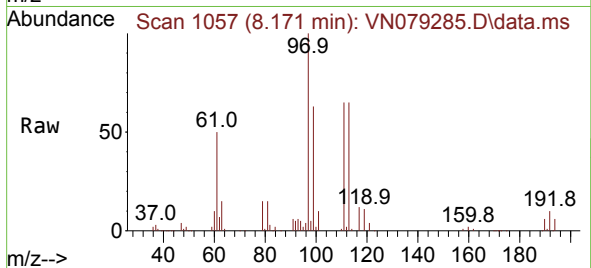
88 16.0 0.0 30.6



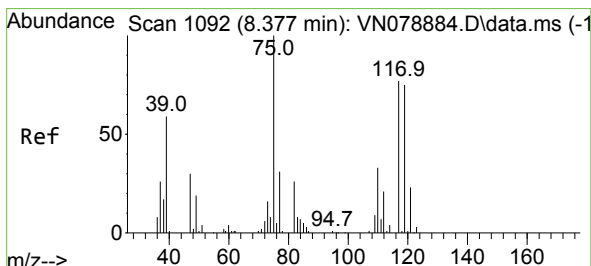
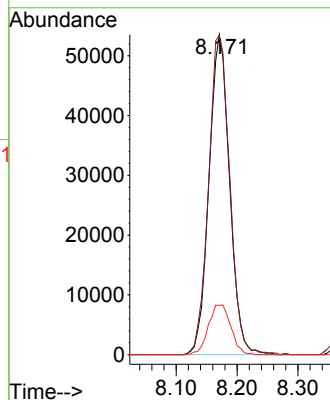
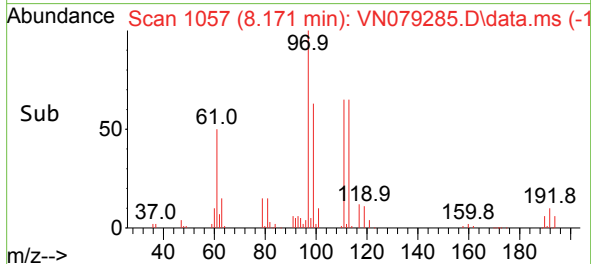


#35
Dibromofluoromethane
Concen: 58.975 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :

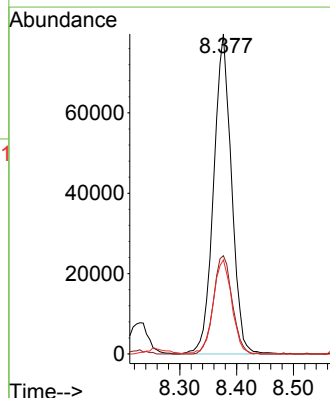
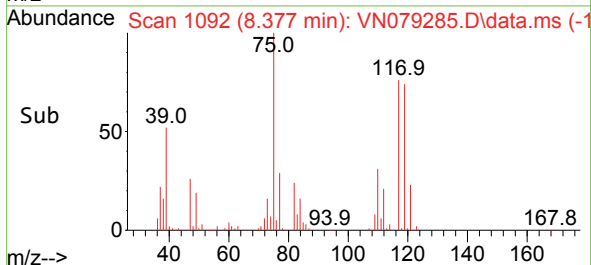
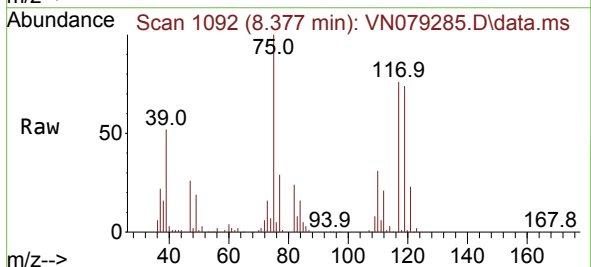


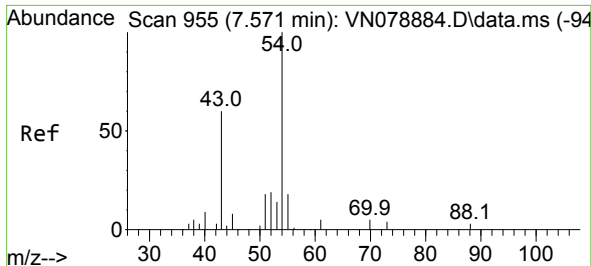
Tgt Ion:113 Resp: 125348
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 53.093 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 75 Resp: 173939
Ion Ratio Lower Upper
75 100
110 32.3 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 56.116 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

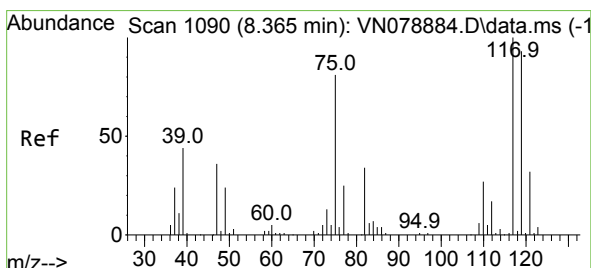
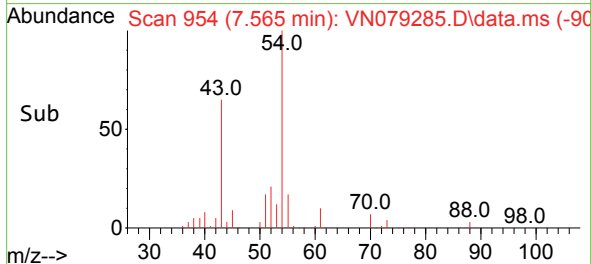
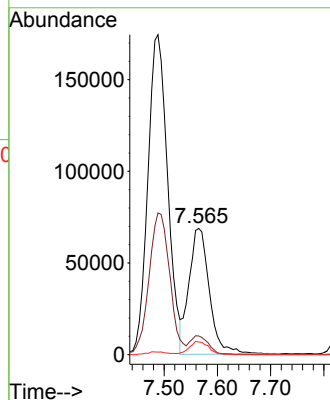
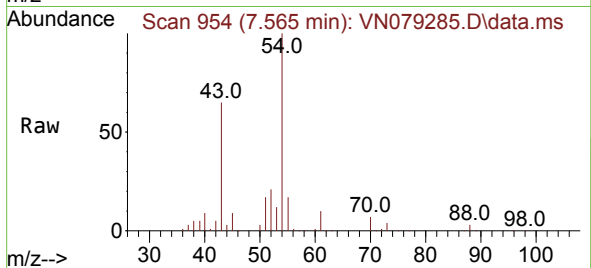
Tgt Ion: 43 Resp: 183367

Ion Ratio Lower Upper

43 100

61 13.0 13.2 19.8#

70 9.9 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 52.961 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

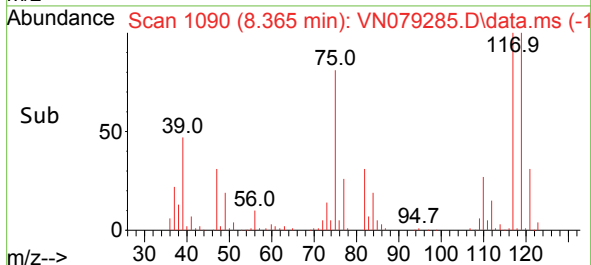
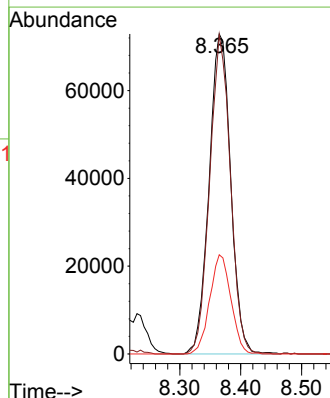
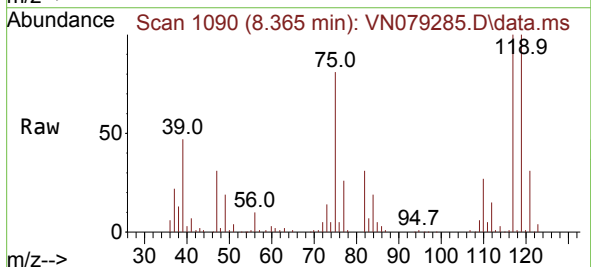
Tgt Ion: 117 Resp: 179550

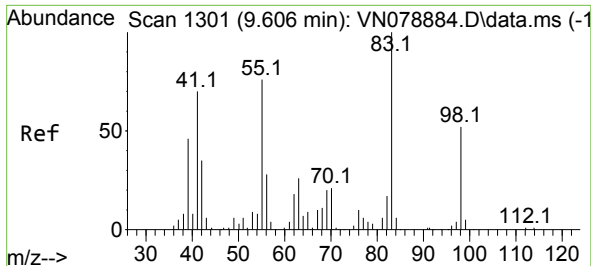
Ion Ratio Lower Upper

117 100

119 99.8 77.3 115.9

121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 51.827 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

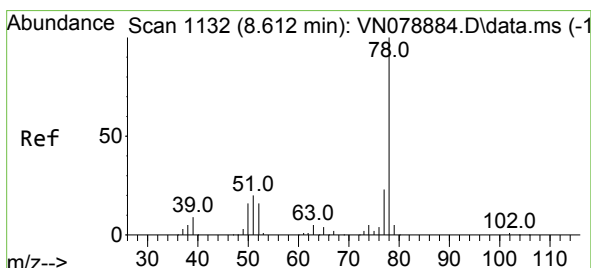
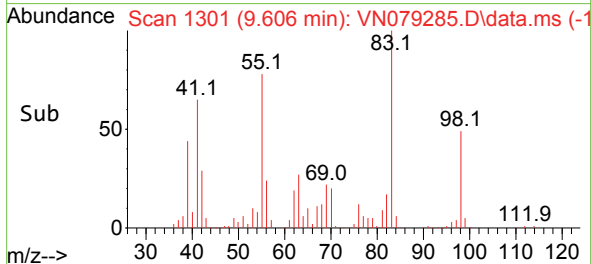
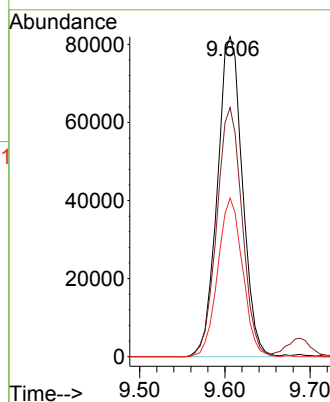
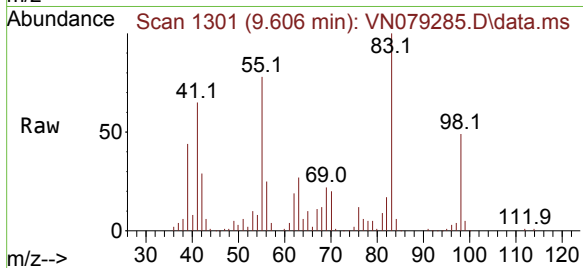
Tgt Ion: 83 Resp: 167481

Ion Ratio Lower Upper

83 100

55 77.9 49.1 73.7#

98 49.5 40.6 61.0



#40

Benzene

Concen: 51.103 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079285.D

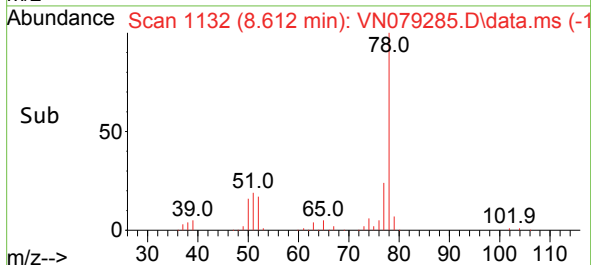
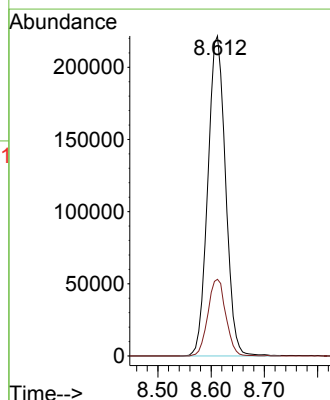
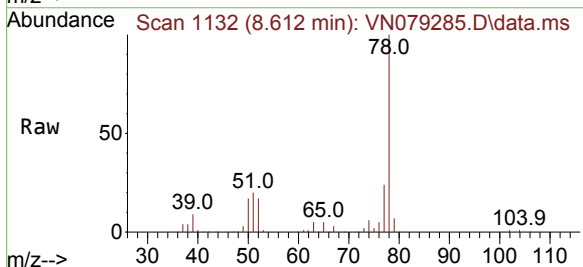
Acq: 18 Sep 2023 12:20

Tgt Ion: 78 Resp: 512510

Ion Ratio Lower Upper

78 100

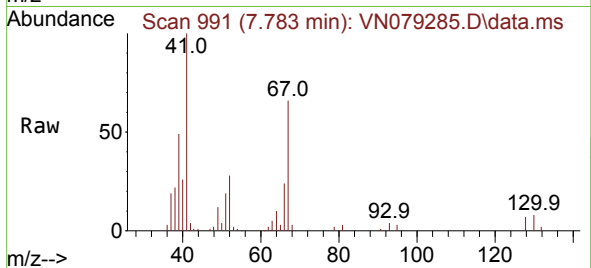
77 23.9 19.0 28.6



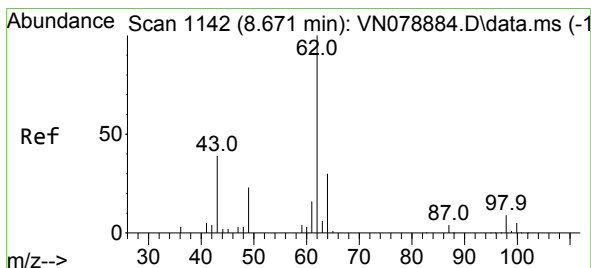
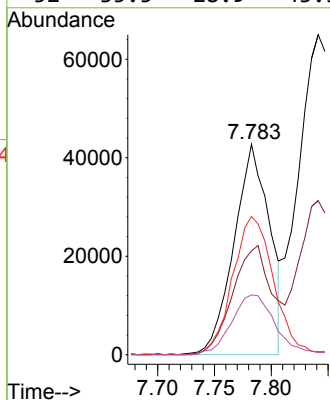
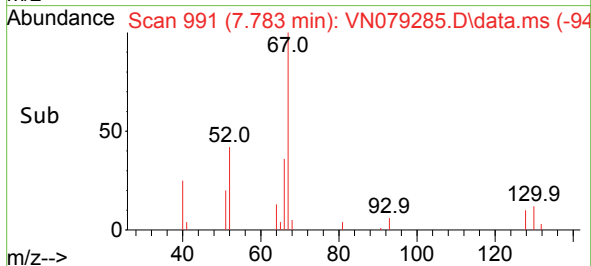


#41
Methacrylonitrile
Concen: 56.433 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :

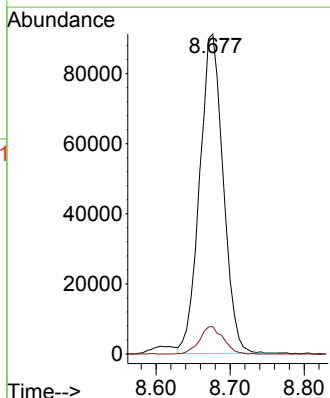
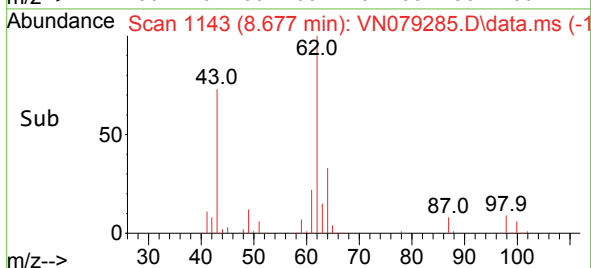
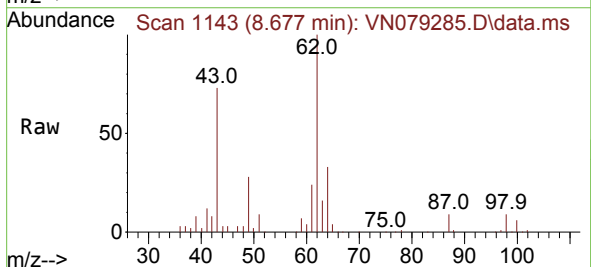


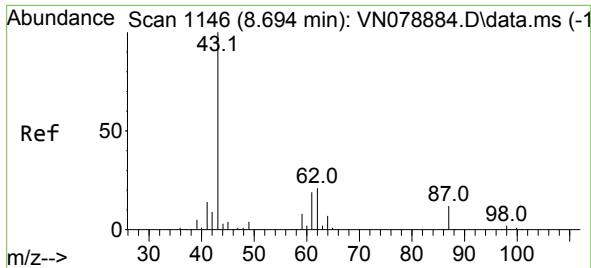
Tgt Ion:	41	Resp:	92978
Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.6	64.0
67	76.5	77.5	116.3
52	35.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 58.319 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:	62	Resp:	201350
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

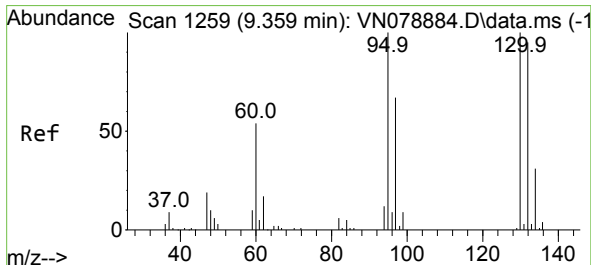
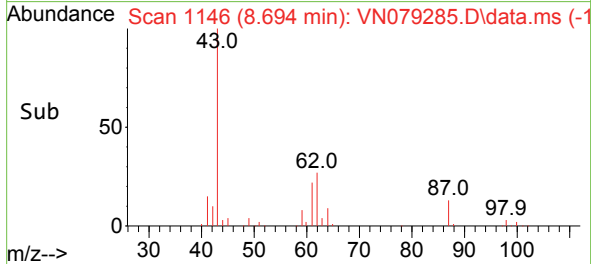
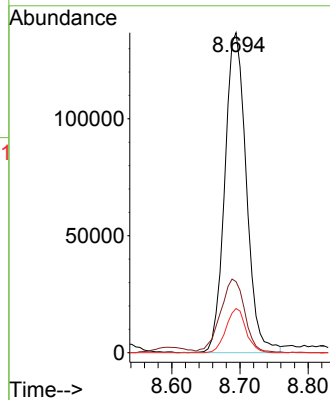
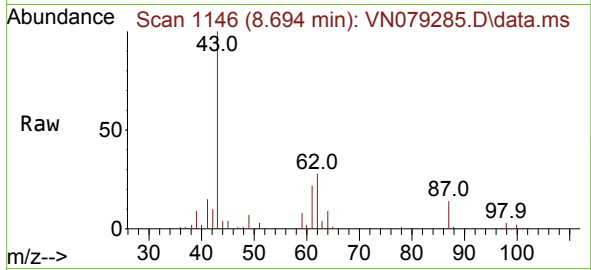




#43
Isopropyl Acetate
Concen: 56.415 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

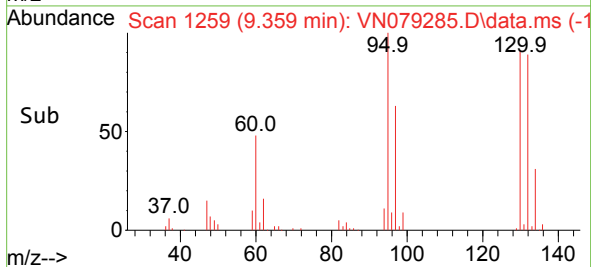
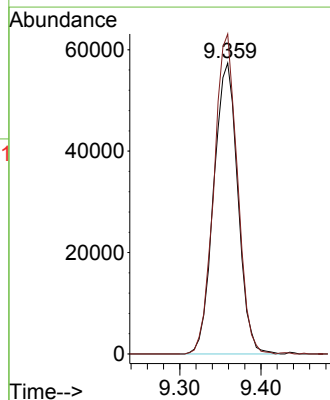
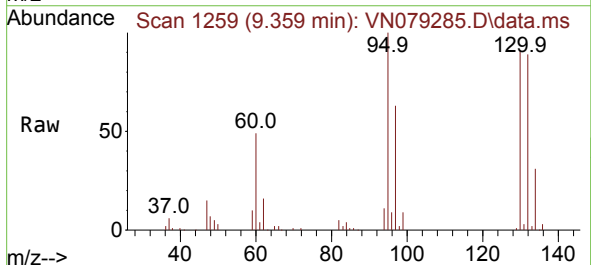
Instrument :
MSVOA_N
ClientSampleId :

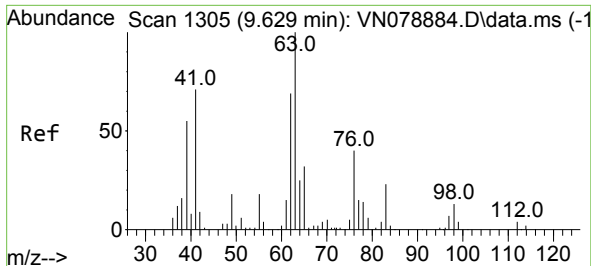
Tgt Ion: 43 Resp: 300794
Ion Ratio Lower Upper
43 100
61 26.1 24.7 37.1
87 12.8 14.6 21.8#



#44
Trichloroethene
Concen: 47.962 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:130 Resp: 118492
Ion Ratio Lower Upper
130 100
95 110.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.606 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

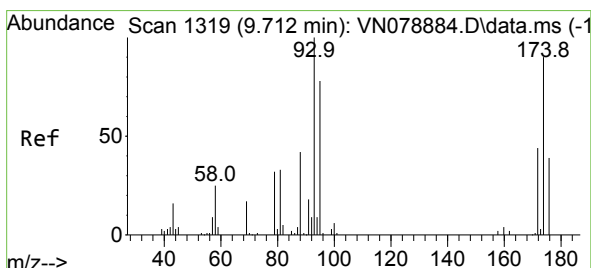
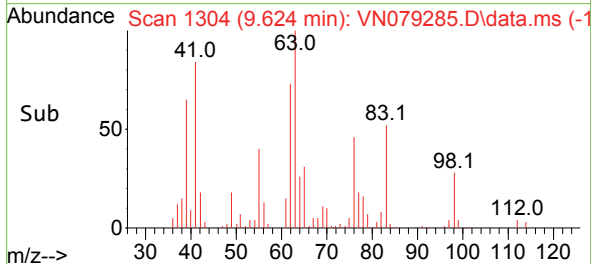
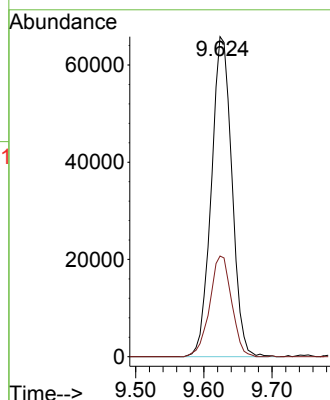
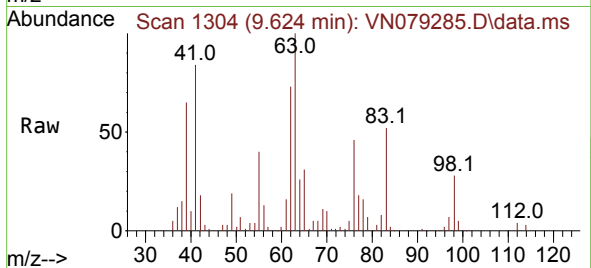
ClientSampleId :

Tgt Ion: 63 Resp: 138401

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 57.332 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

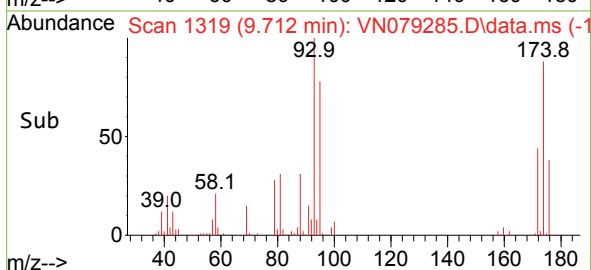
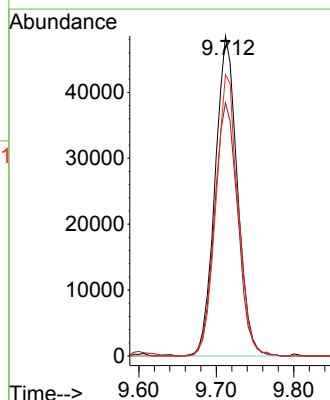
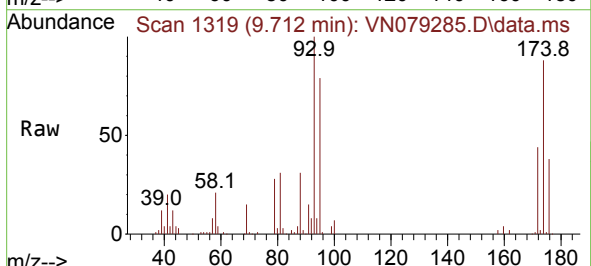
Tgt Ion: 93 Resp: 96870

Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 87.1 65.6 98.4

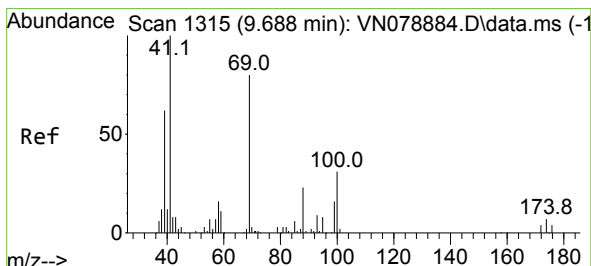
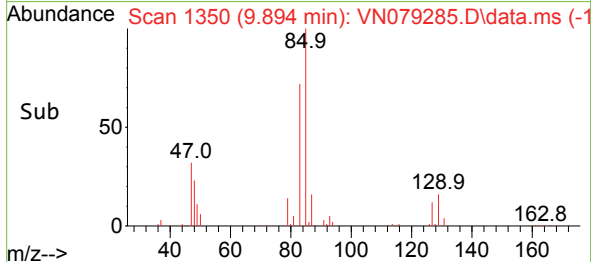
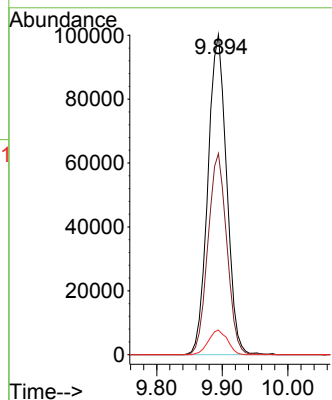
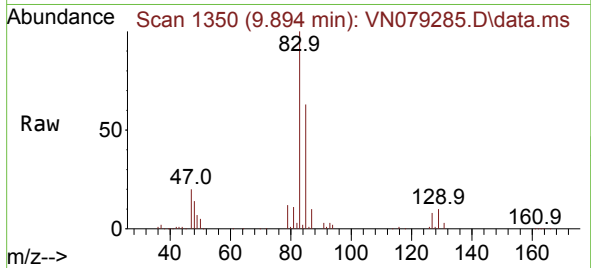




#47
Bromodichloromethane
Concen: 57.364 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

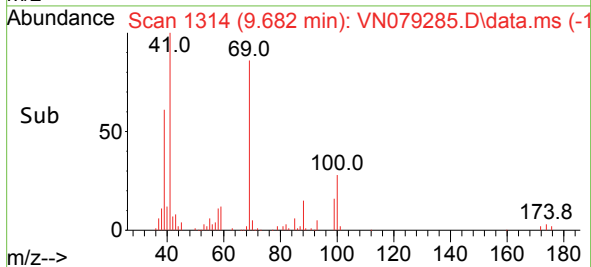
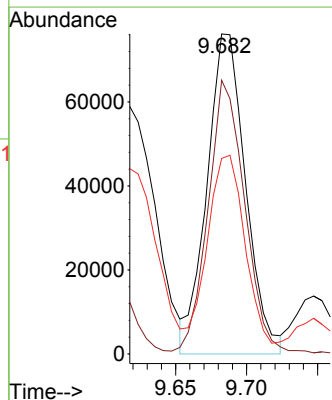
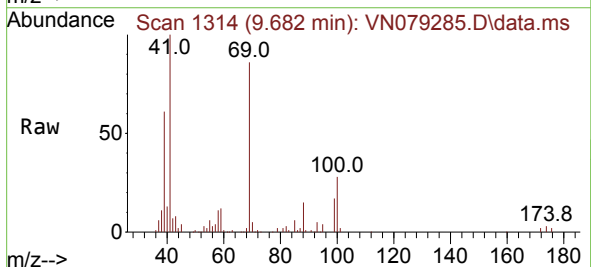
Instrument :
MSVOA_N
ClientSampleId :

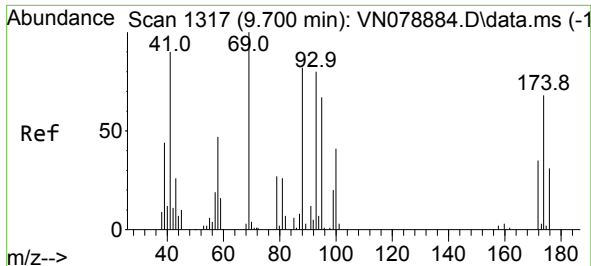
Tgt Ion: 83 Resp: 198520
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 60.414 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 41 Resp: 144283
Ion Ratio Lower Upper
41 100
69 82.0 90.4 135.6#
39 62.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1058.623 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

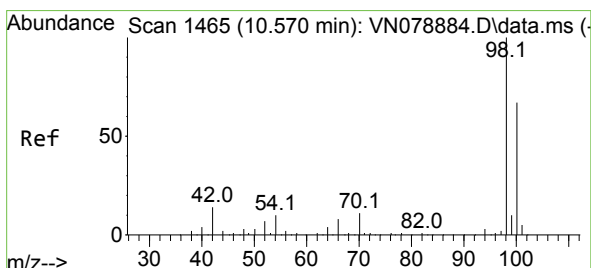
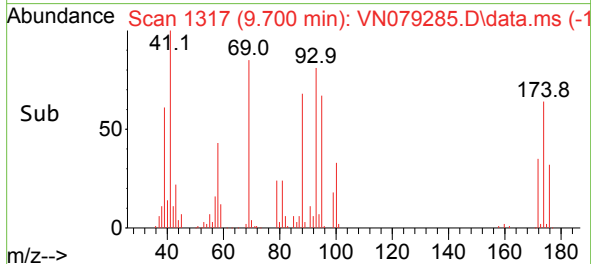
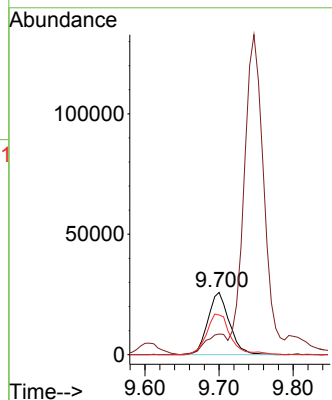
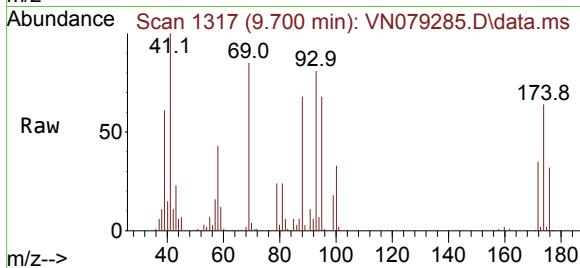
Tgt Ion: 88 Resp: 52001

Ion Ratio Lower Upper

88 100

43 34.3 17.0 25.6#

58 73.3 47.0 70.4#



#50

Toluene-d8

Concen: 58.205 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079285.D

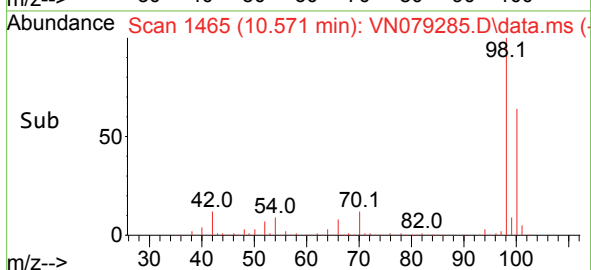
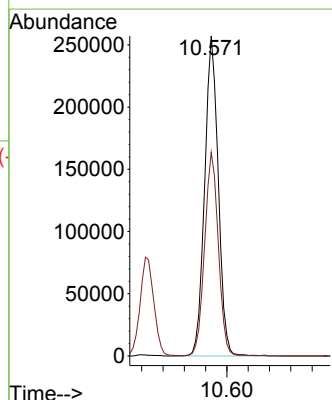
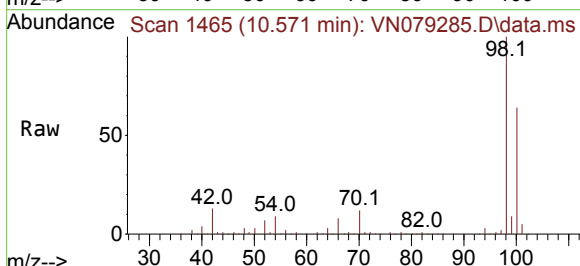
Acq: 18 Sep 2023 12:20

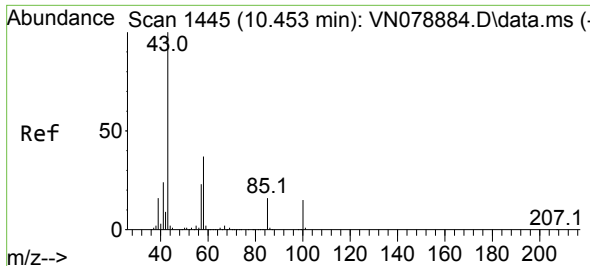
Tgt Ion: 98 Resp: 454248

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

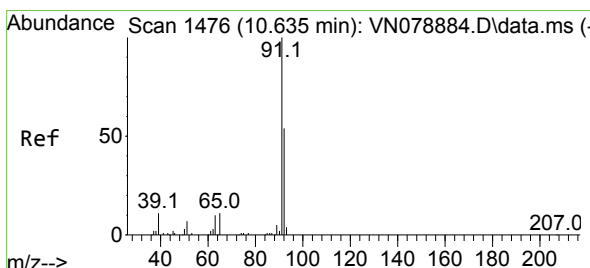
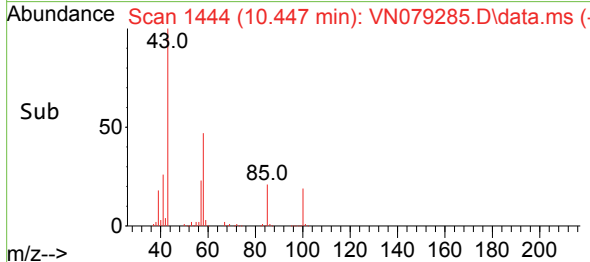
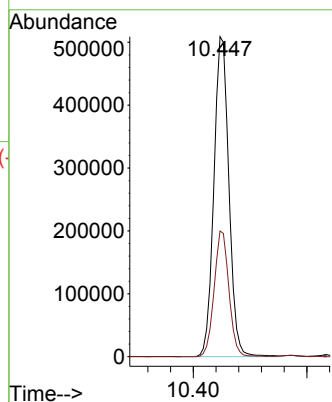
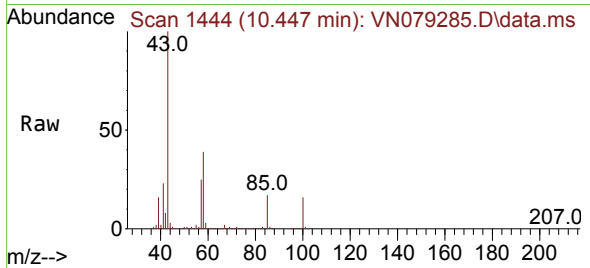




#51
4-Methyl-2-Pentanone
Concen: 301.691 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

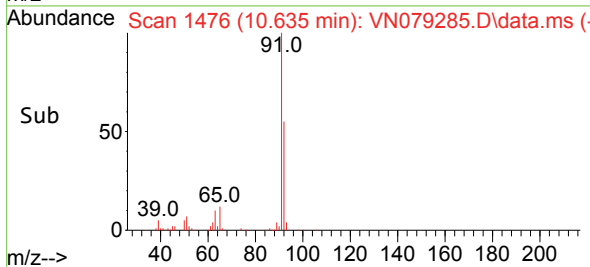
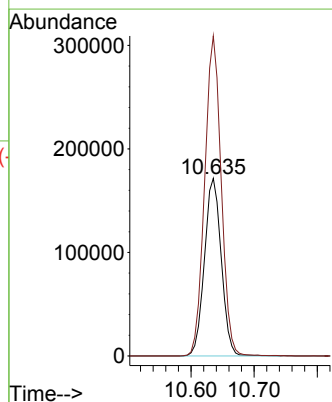
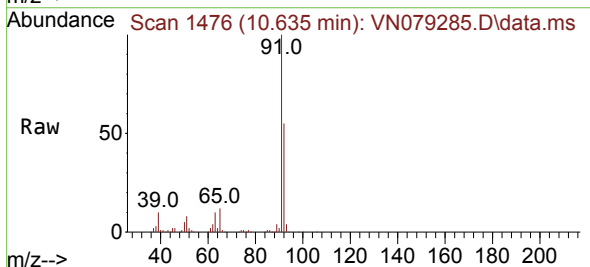
Instrument :
MSVOA_N
ClientSampleId :

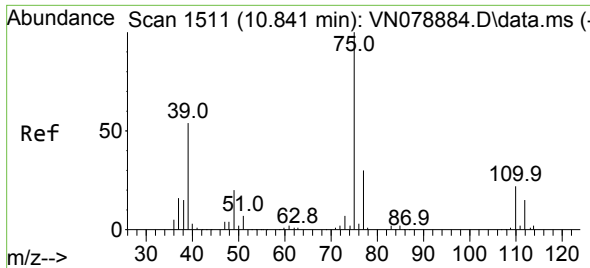
Tgt Ion: 43 Resp: 933757
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 51.481 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 92 Resp: 317297
Ion Ratio Lower Upper
92 100
91 177.3 137.4 206.0

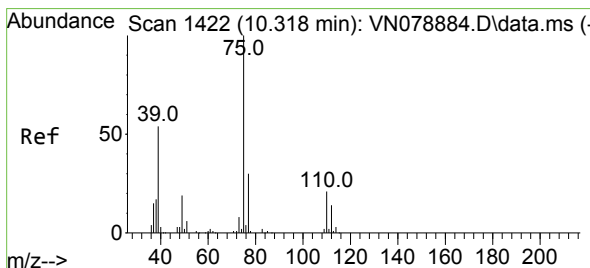
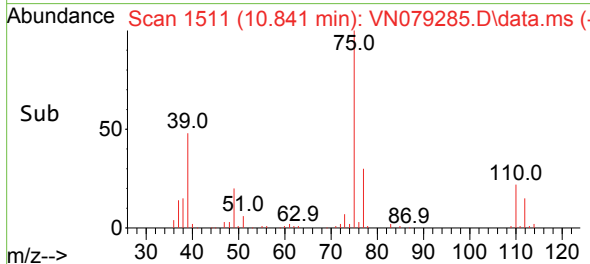
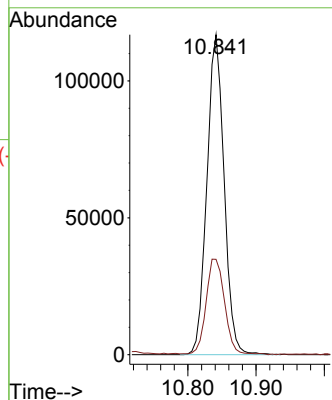
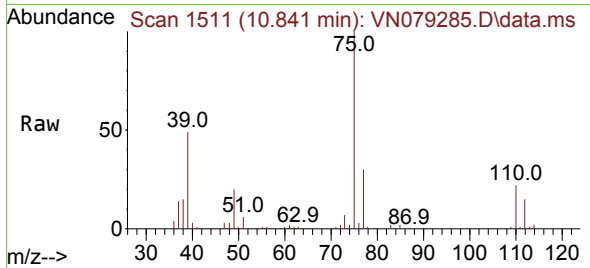




#53
 t-1,3-Dichloropropene
 Concen: 56.295 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

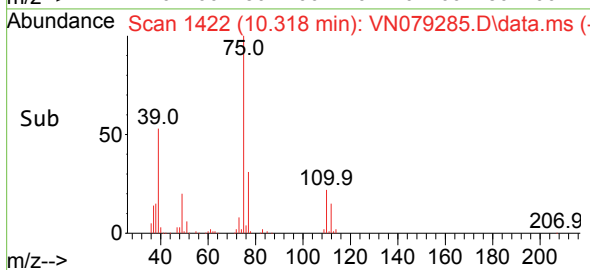
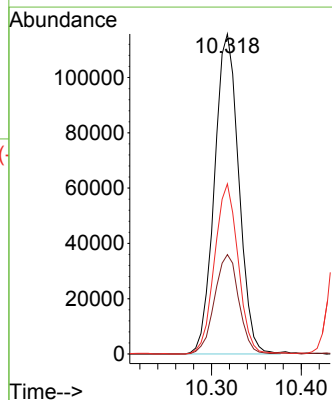
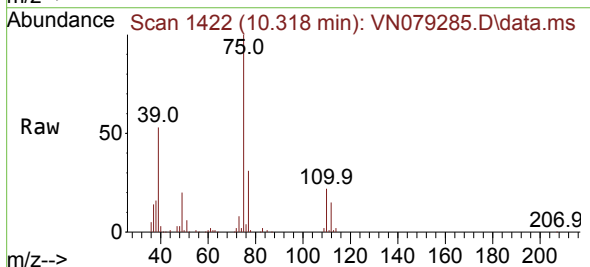
Instrument :
 MSVOA_N
 ClientSampleId :

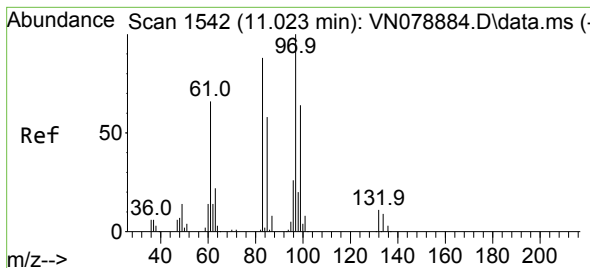
Tgt Ion: 75 Resp: 205428
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.882 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

Tgt Ion: 75 Resp: 218105
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 53.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 55.914 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

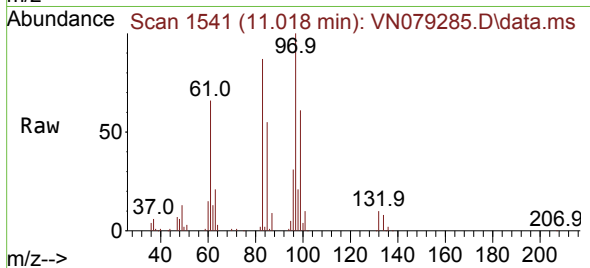
Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 135222

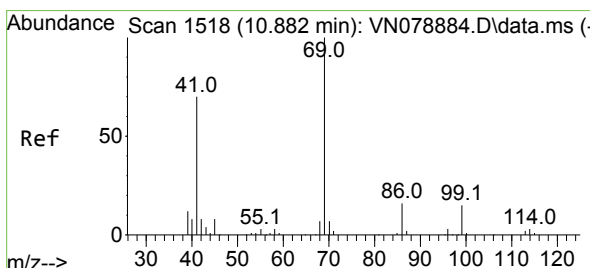
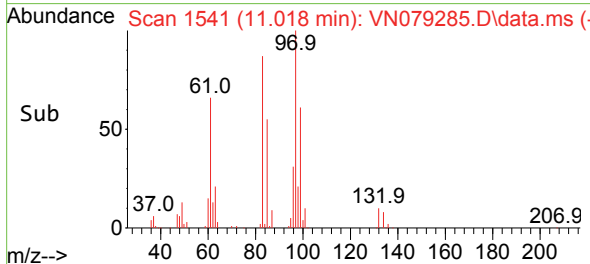
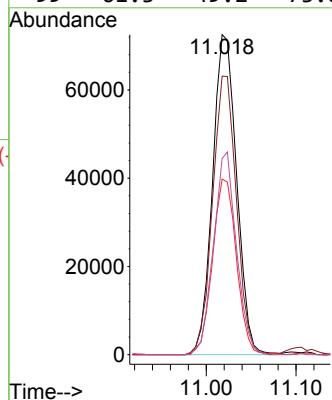
Ion Ratio Lower Upper

97 100

83 87.0 65.1 97.7

85 54.9 43.4 65.2

99 61.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 59.238 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

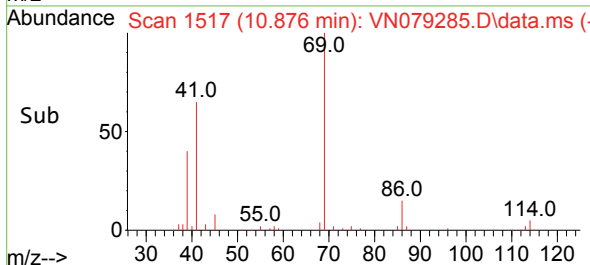
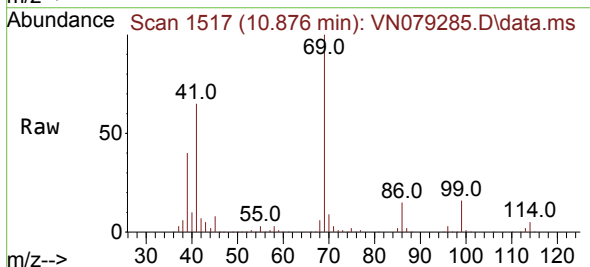
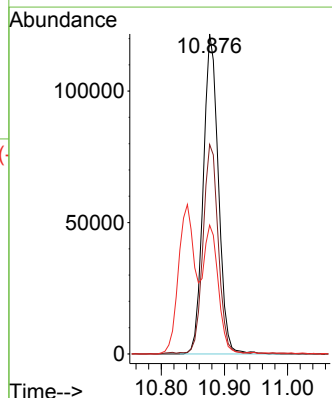
Tgt Ion: 69 Resp: 202232

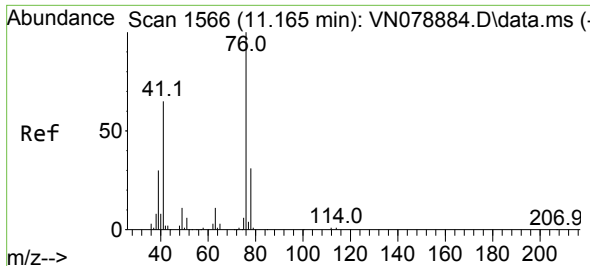
Ion Ratio Lower Upper

69 100

41 65.2 39.6 59.4#

39 39.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.441 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

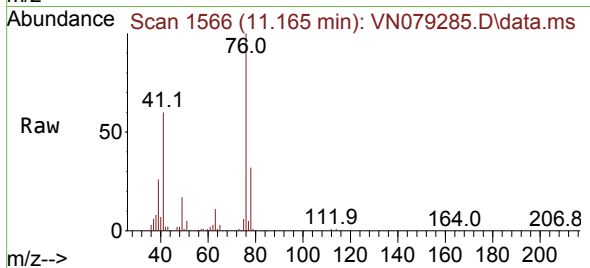
Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

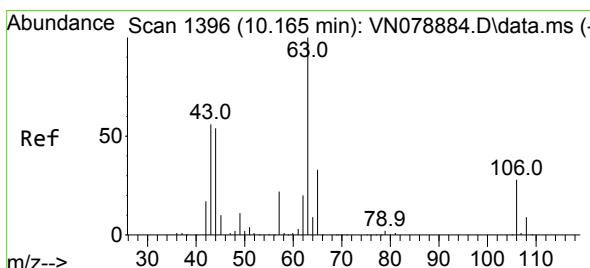
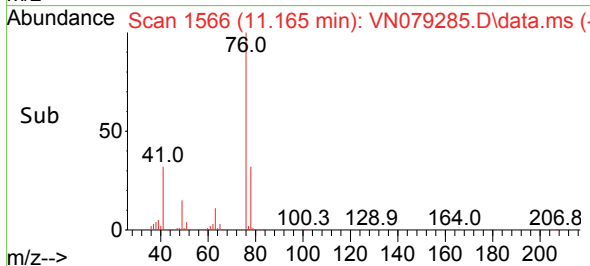
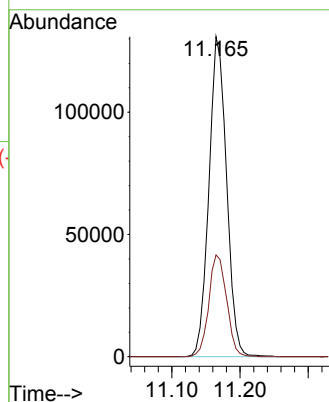


Tgt Ion: 76 Resp: 235961

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 274.534 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079285.D

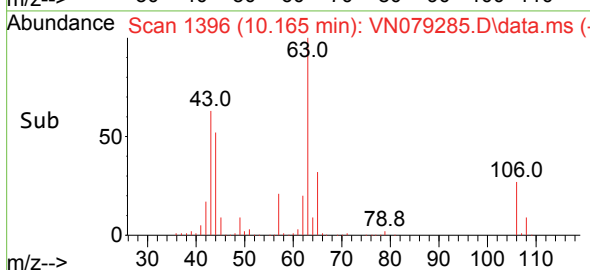
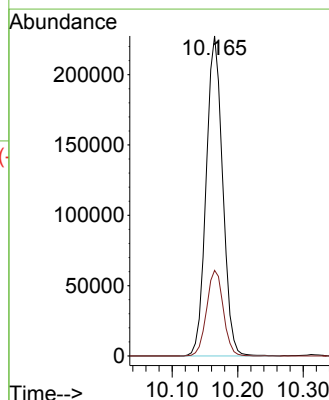
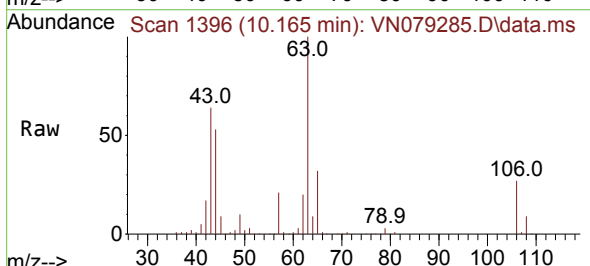
Acq: 18 Sep 2023 12:20

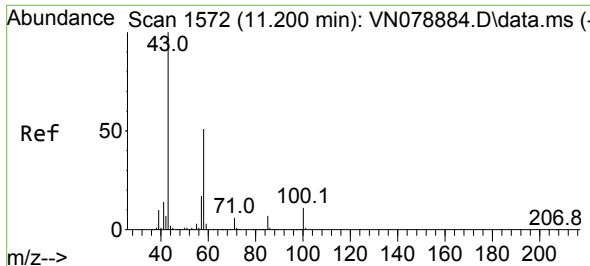
Tgt Ion: 63 Resp: 398531

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

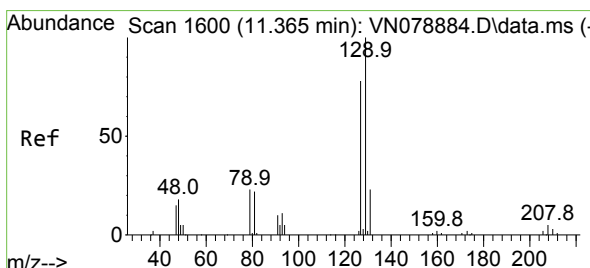
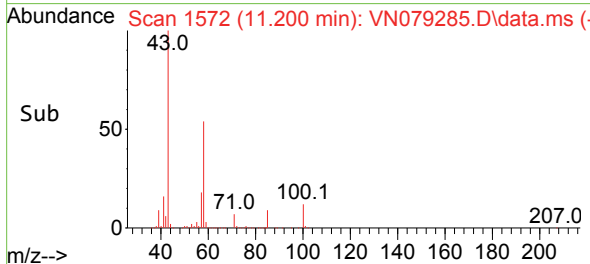
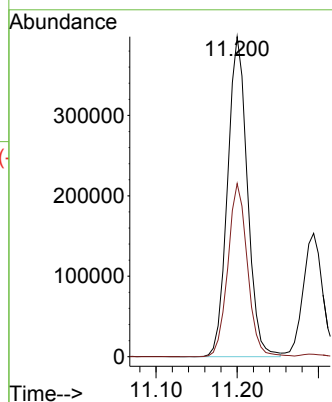
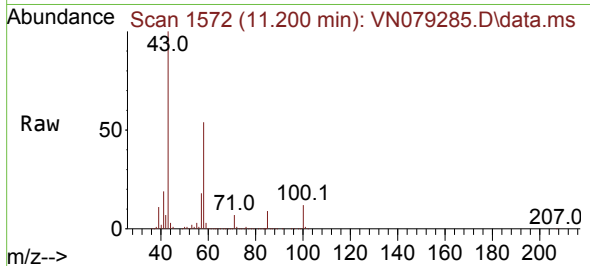




#59
2-Hexanone
Concen: 300.787 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

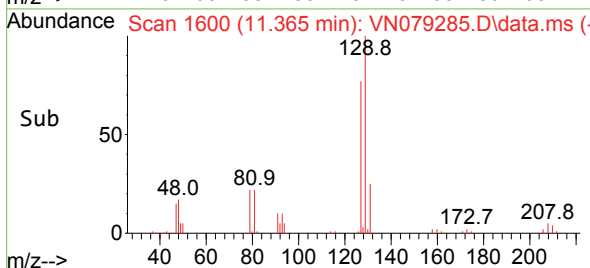
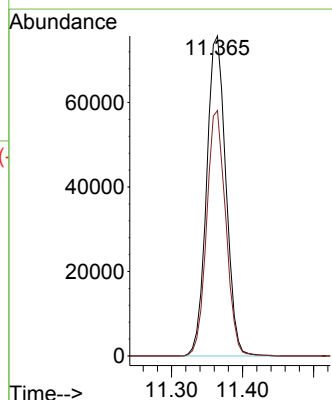
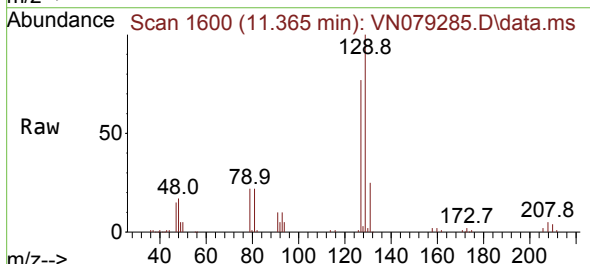
Instrument :
MSVOA_N
ClientSampleId :

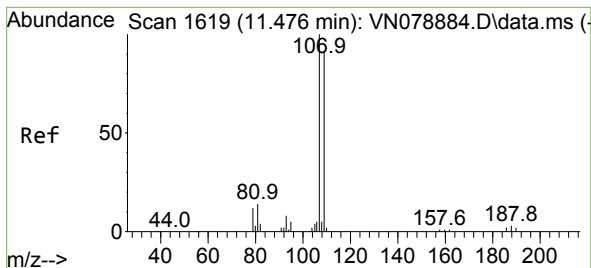
Tgt Ion: 43 Resp: 674282
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1



#60
Dibromochloromethane
Concen: 55.558 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:129 Resp: 142997
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

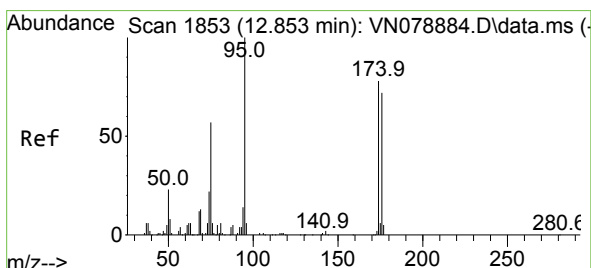
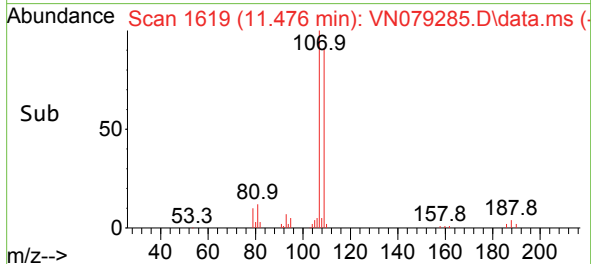
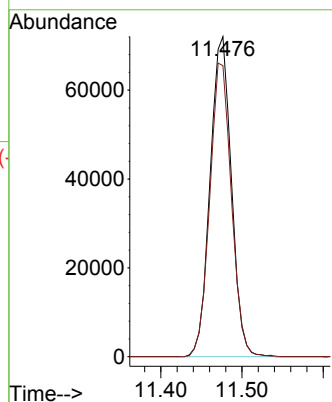
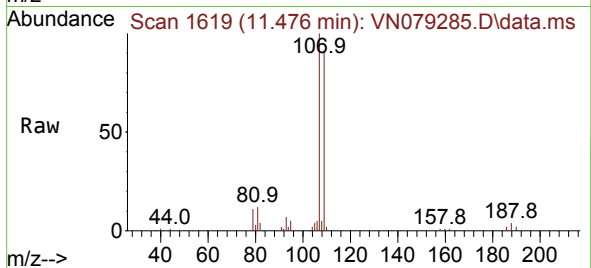




#61
1,2-Dibromoethane
Concen: 54.305 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

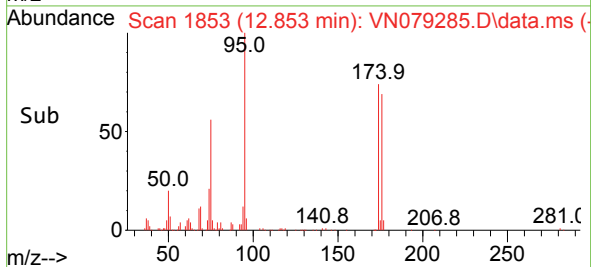
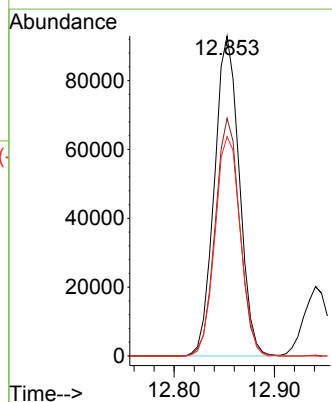
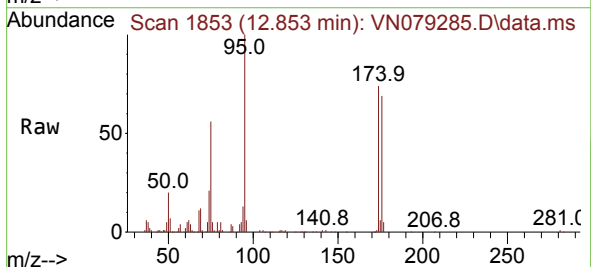
Instrument :
MSVOA_N
ClientSampleId :

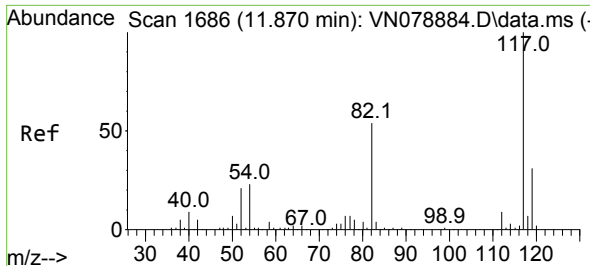
Tgt Ion:107 Resp: 131062
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 64.275 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

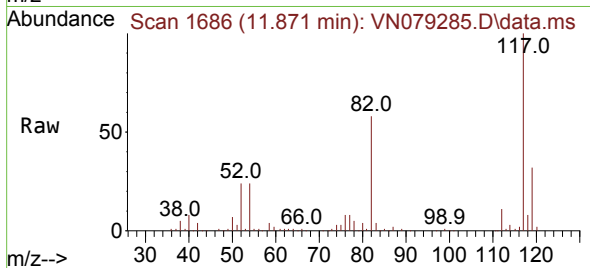
Tgt Ion: 95 Resp: 160007
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 70.3 0.0 135.8



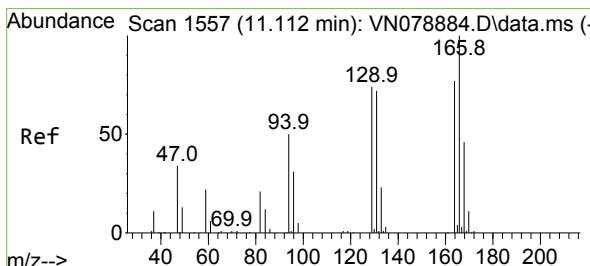
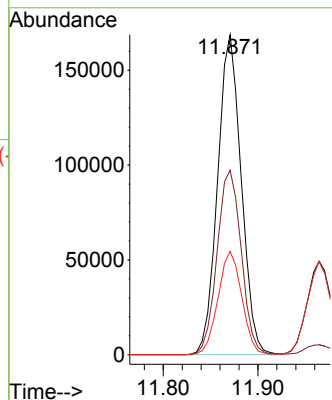
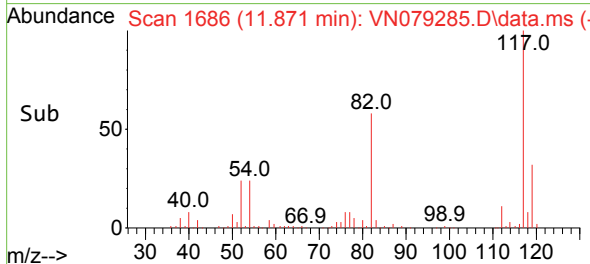


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

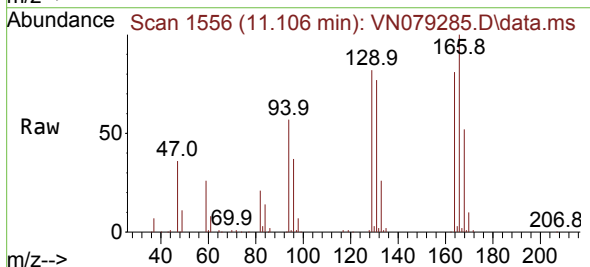
Instrument :
MSVOA_N
ClientSampleId :



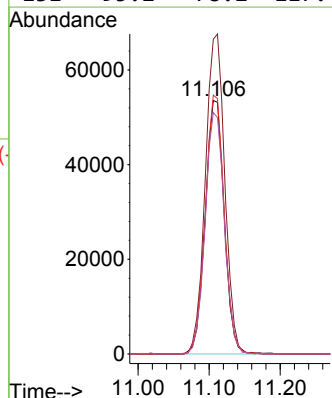
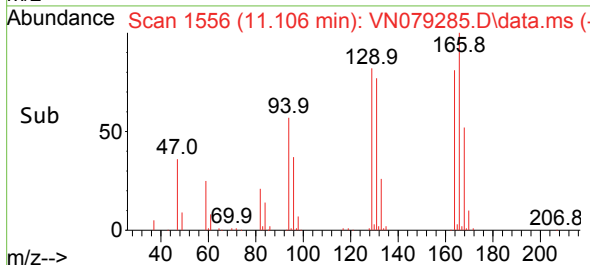
Tgt Ion:117 Resp: 292446
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 25.6 38.4

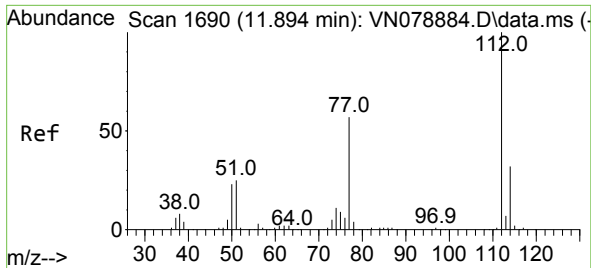


#64
Tetrachloroethene
Concen: 46.869 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20



Tgt Ion:164 Resp: 99945
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 102.1 82.4 123.6
131 95.2 78.2 117.4

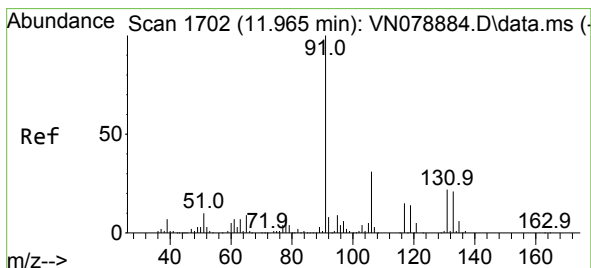
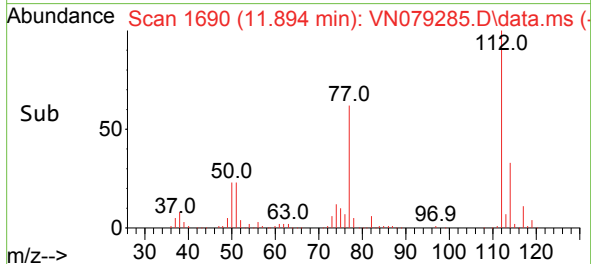
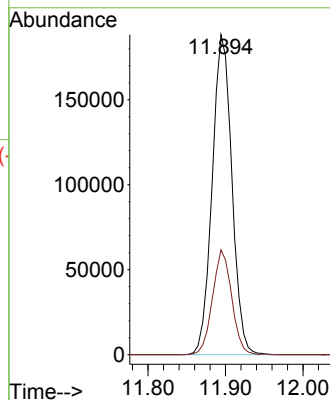
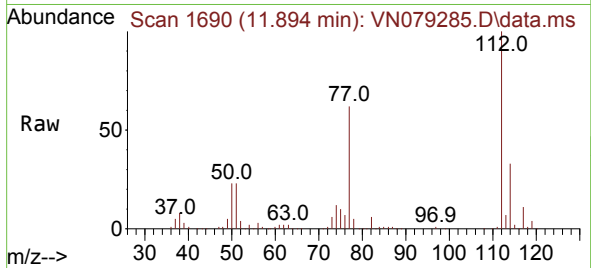




#65
Chlorobenzene
Concen: 50.185 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

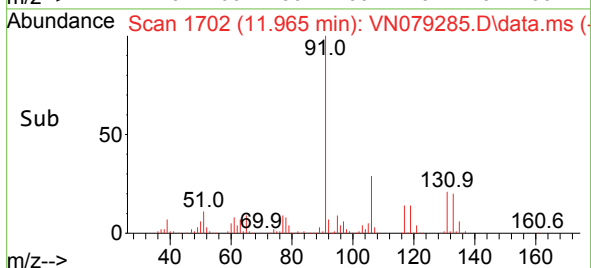
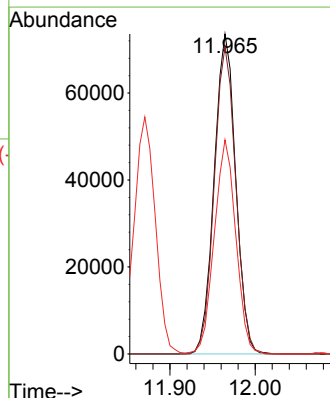
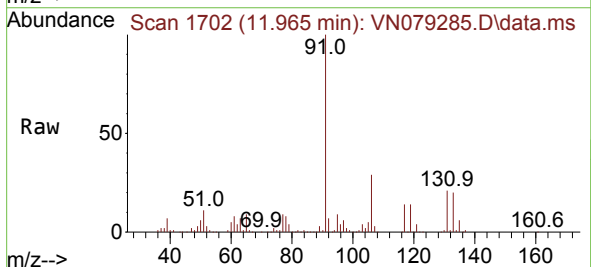
Instrument :
MSVOA_N
ClientSampleId :

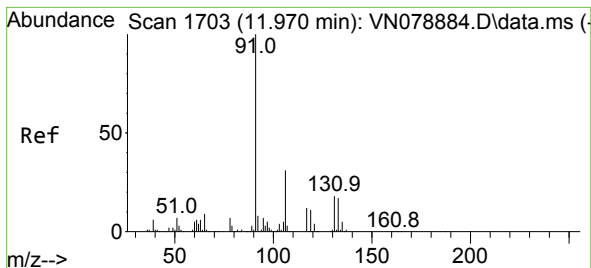
Tgt Ion:112 Resp: 332481
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.121 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:131 Resp: 129485
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 54.285 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

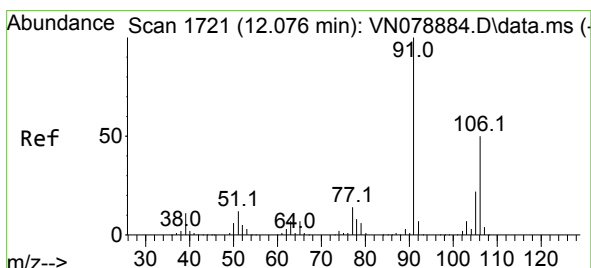
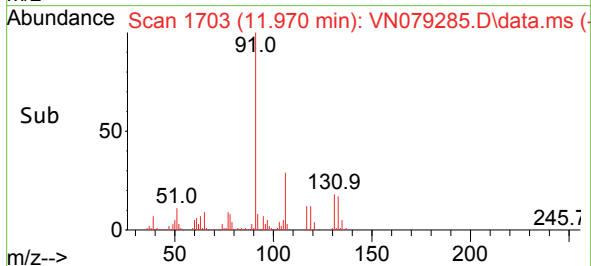
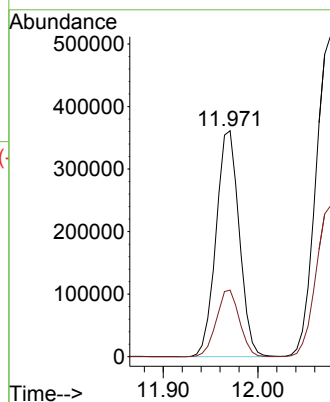
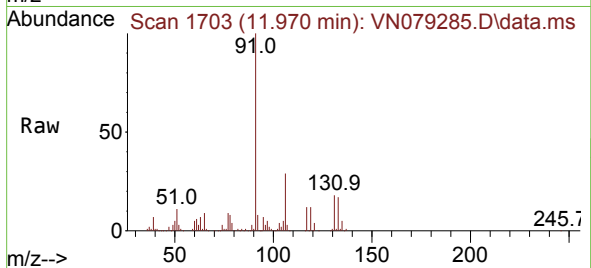
ClientSampleId :

Tgt Ion: 91 Resp: 615156

Ion Ratio Lower Upper

91 100

106 29.5 25.6 38.4



#68

m/p-Xylenes

Concen: 109.175 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079285.D

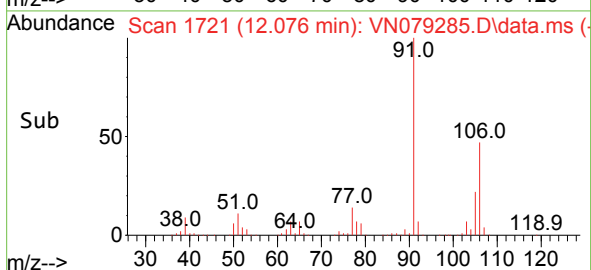
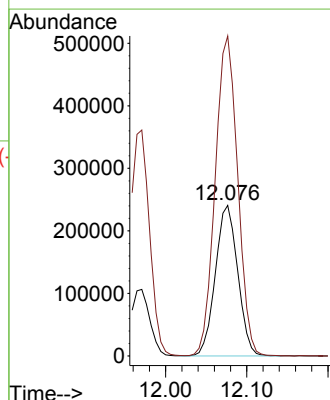
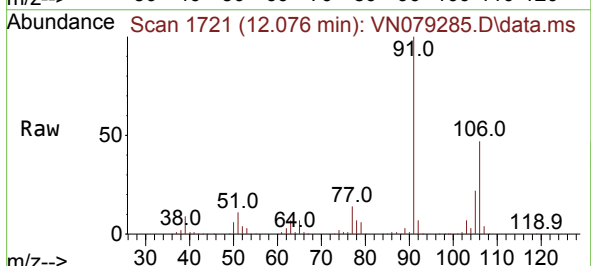
Acq: 18 Sep 2023 12:20

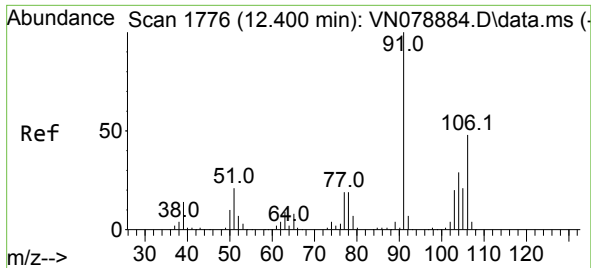
Tgt Ion:106 Resp: 461134

Ion Ratio Lower Upper

106 100

91 213.8 159.6 239.4

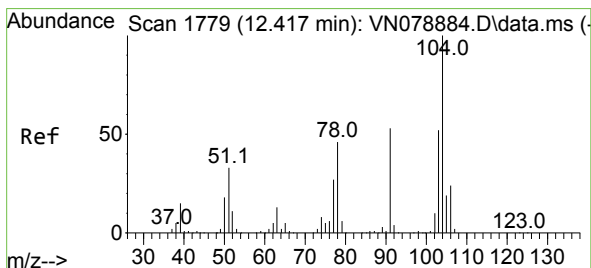
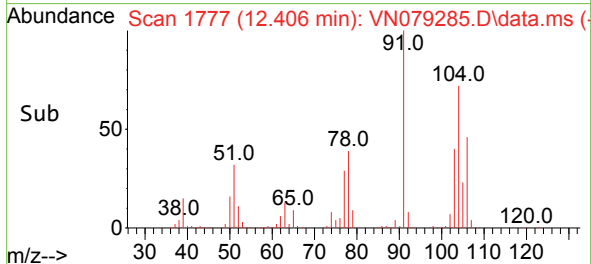
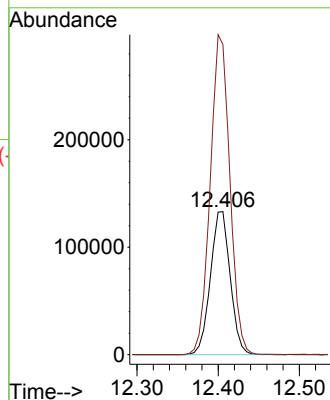
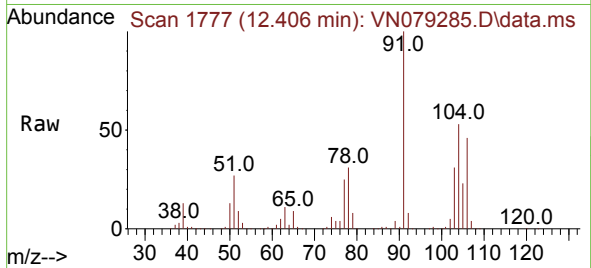




#69
o-Xylene
Concen: 55.615 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

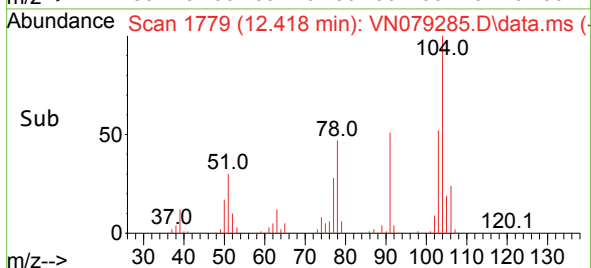
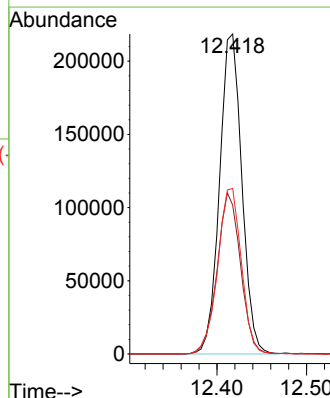
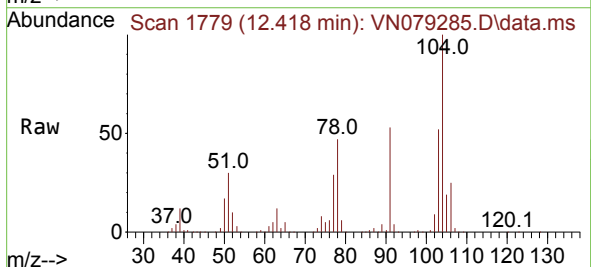
Instrument :
MSVOA_N
ClientSampleId :

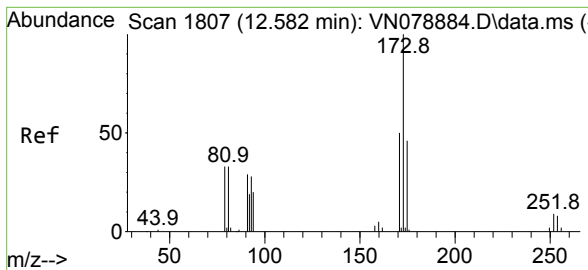
Tgt Ion:106 Resp: 225293
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5



#70
Styrene
Concen: 57.934 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:104 Resp: 377449
Ion Ratio Lower Upper
104 100
78 52.8 39.5 59.3
103 54.9 43.2 64.8

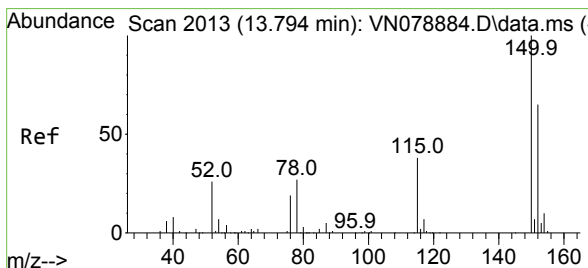
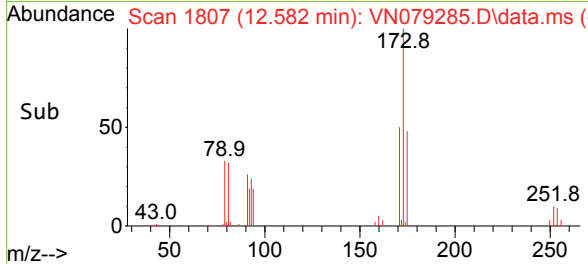
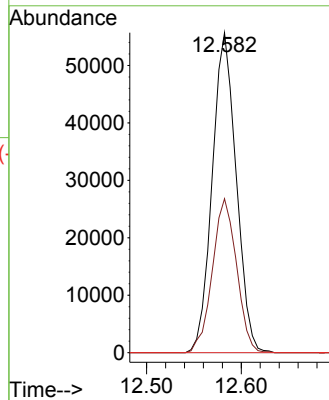
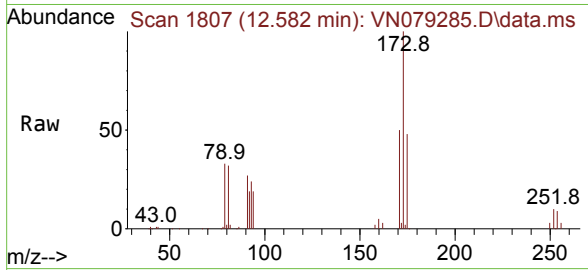




#71
Bromoform
Concen: 53.417 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

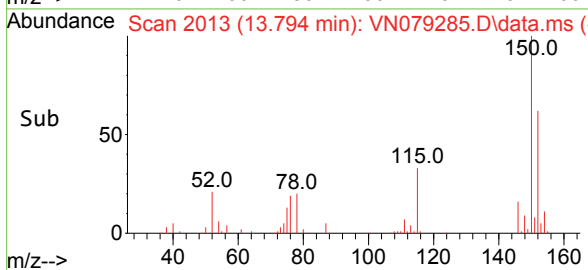
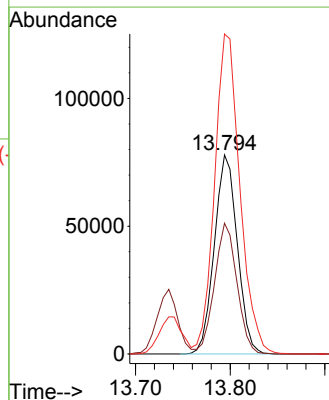
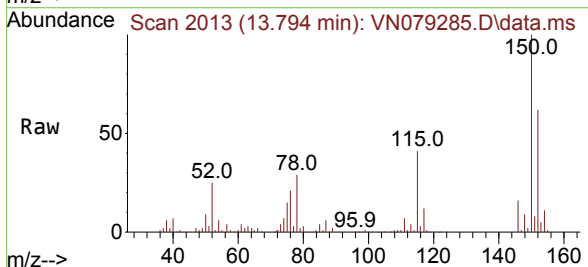
Instrument :
MSVOA_N
ClientSampleId :

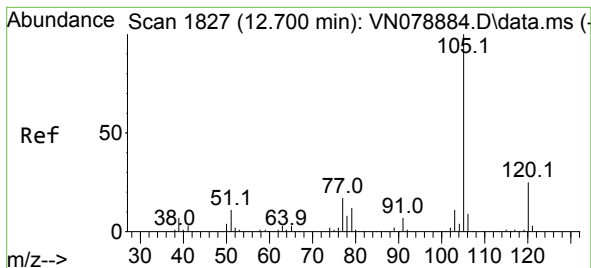
Tgt Ion:173 Resp: 97968
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:152 Resp: 131408
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 177.4 0.0 355.8





#73

Isopropylbenzene

Concen: 48.839 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

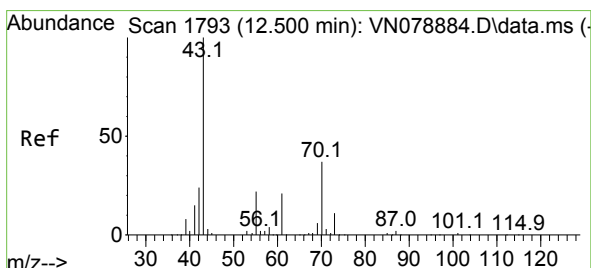
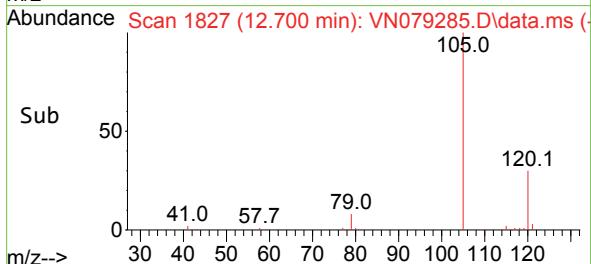
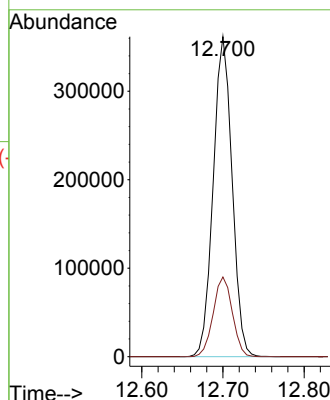
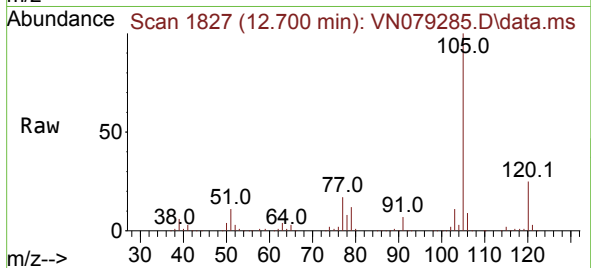
ClientSampleId :

Tgt Ion:105 Resp: 583905

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 53.272 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Tgt Ion: 43 Resp: 241640

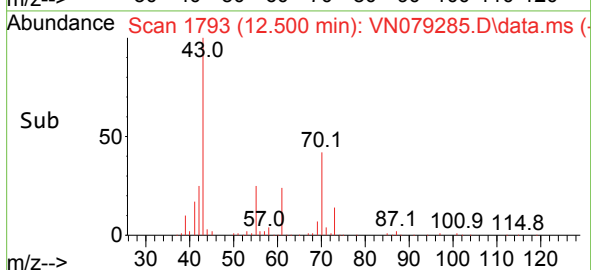
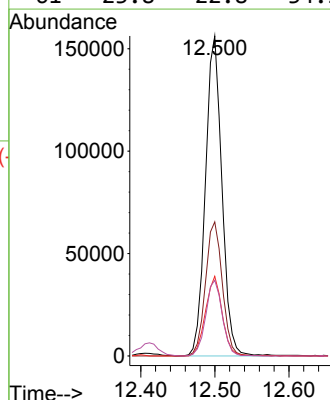
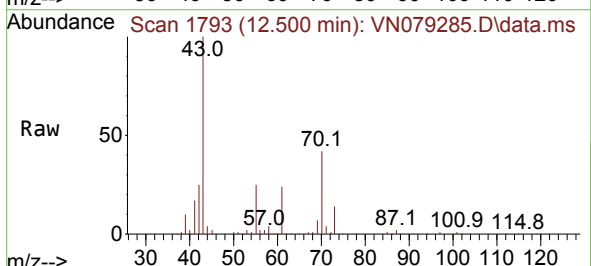
Ion Ratio Lower Upper

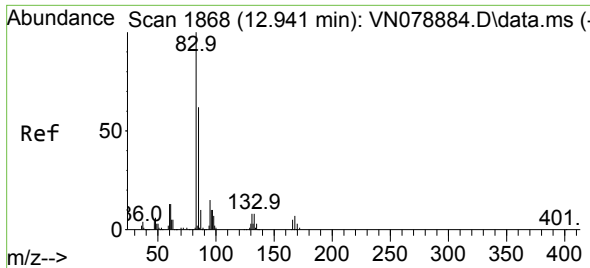
43 100

70 42.9 43.4 65.2#

55 25.3 21.4 32.0

61 23.8 22.8 34.2

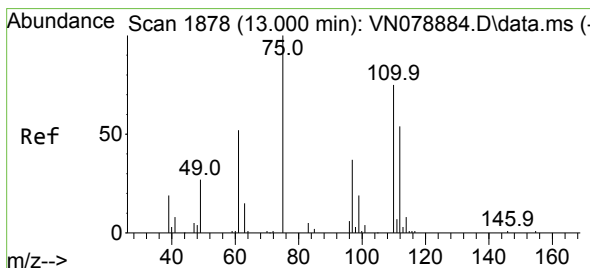
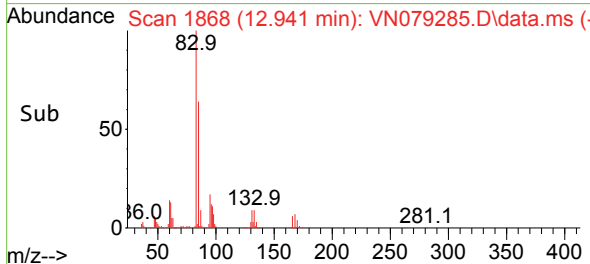
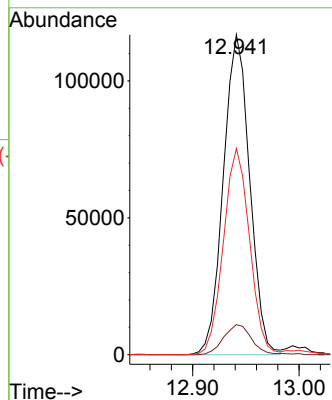
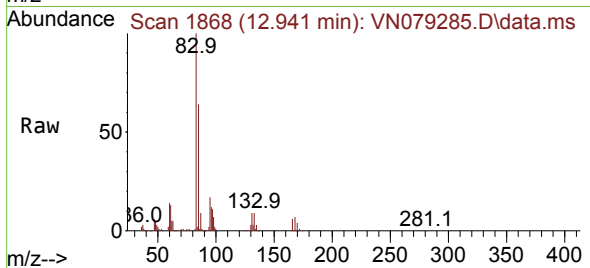




#75
1,1,2,2-Tetrachloroethane
Concen: 45.084 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

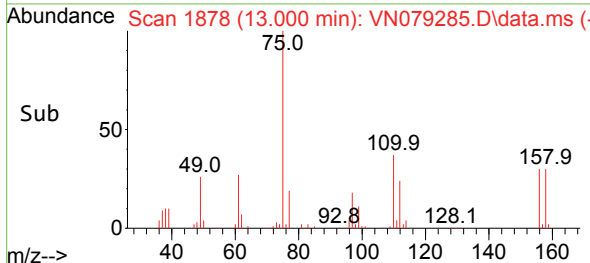
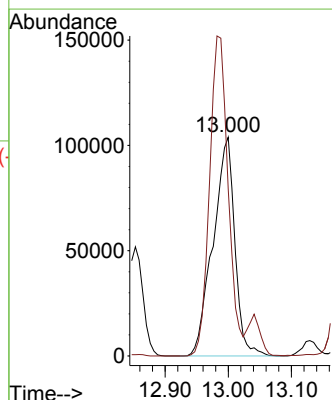
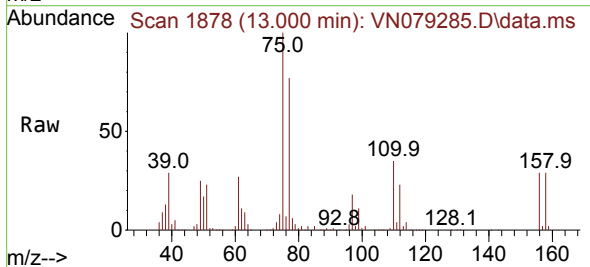
Instrument :
MSVOA_N
ClientSampleId :

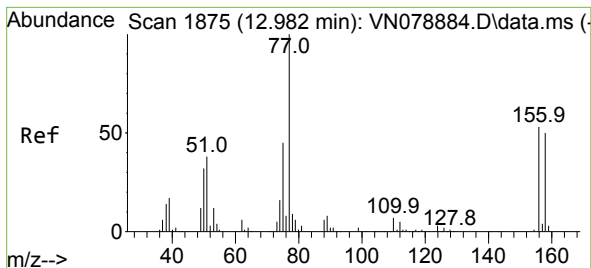
Tgt Ion: 83 Resp: 200717
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 70.362 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 75 Resp: 249197
Ion Ratio Lower Upper
75 100
77 124.5 84.5 253.5





#77

Bromobenzene

Concen: 44.548 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

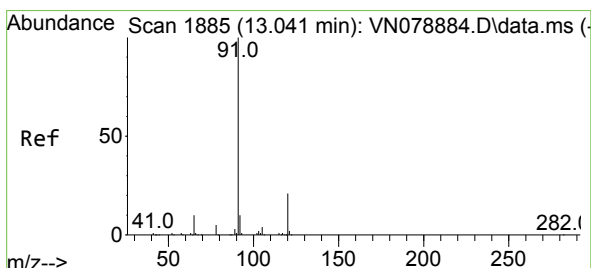
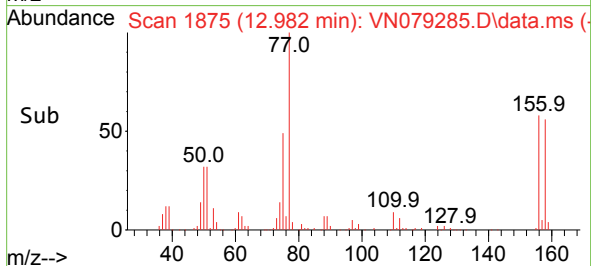
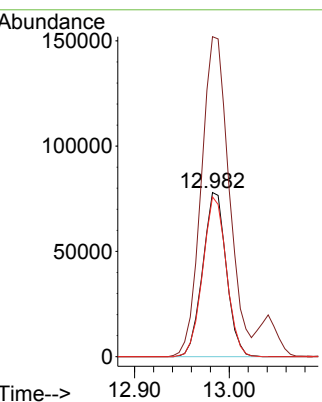
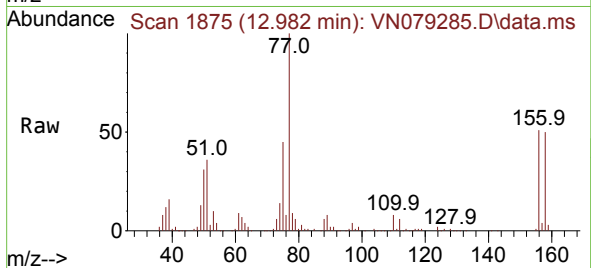
Tgt Ion:156 Resp: 134860

Ion Ratio Lower Upper

156 100

77 230.0 107.7 323.3

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 51.765 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079285.D

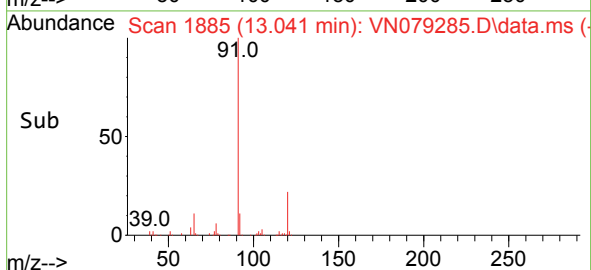
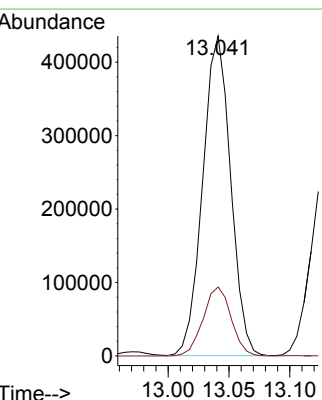
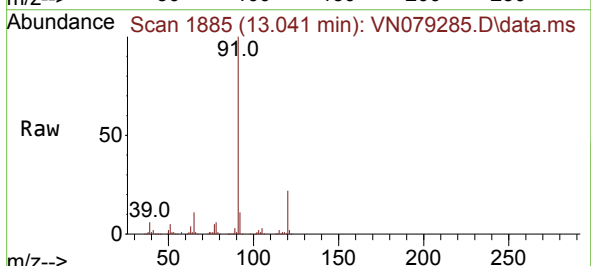
Acq: 18 Sep 2023 12:20

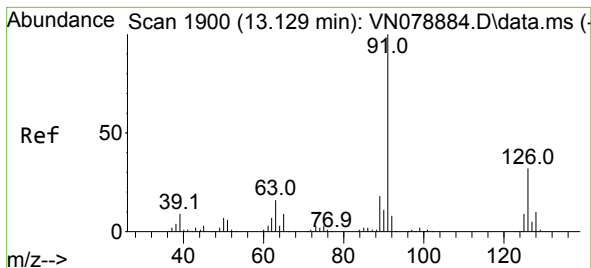
Tgt Ion: 91 Resp: 695228

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.005 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

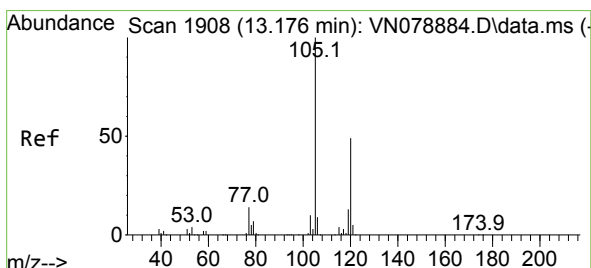
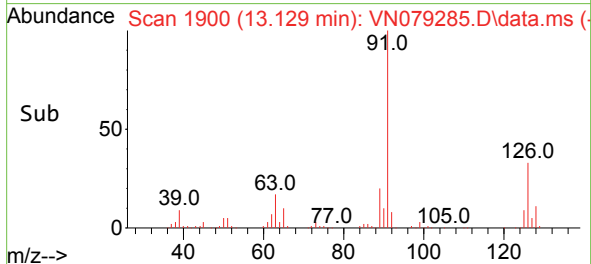
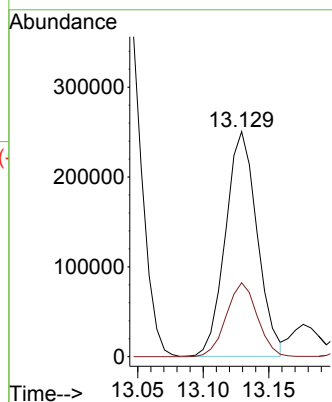
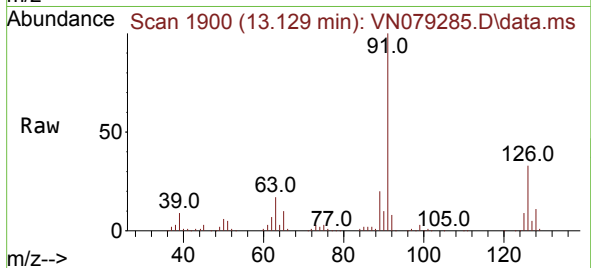
ClientSampleId :

Tgt Ion: 91 Resp: 421686

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.014 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079285.D

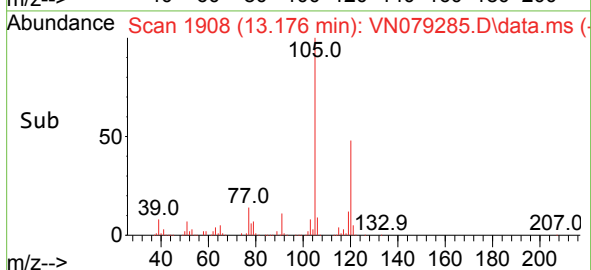
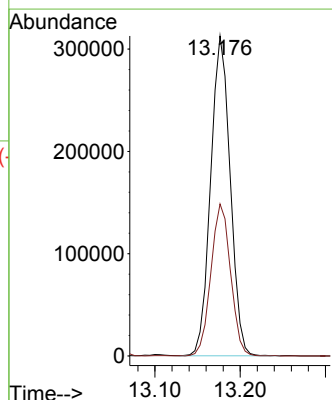
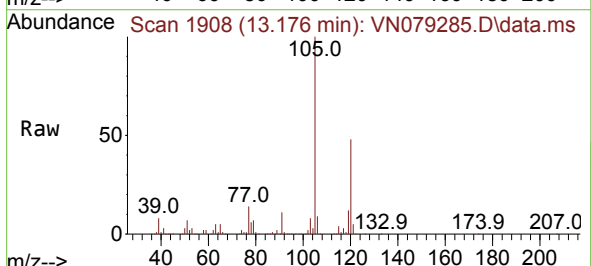
Acq: 18 Sep 2023 12:20

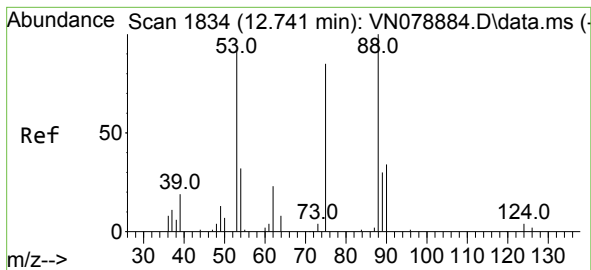
Tgt Ion:105 Resp: 498247

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3

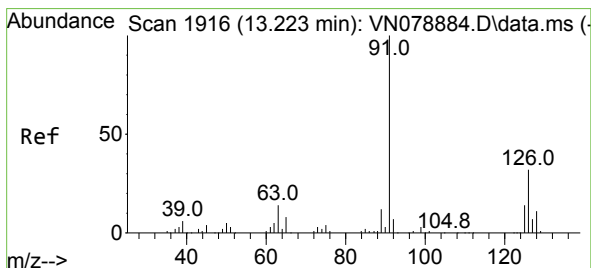
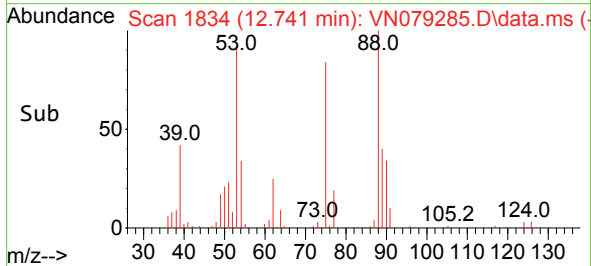
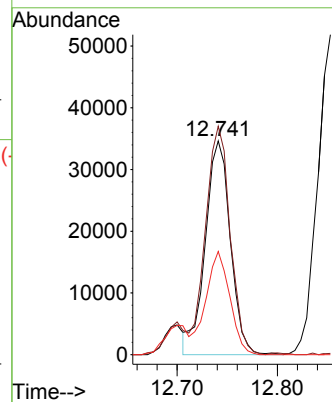
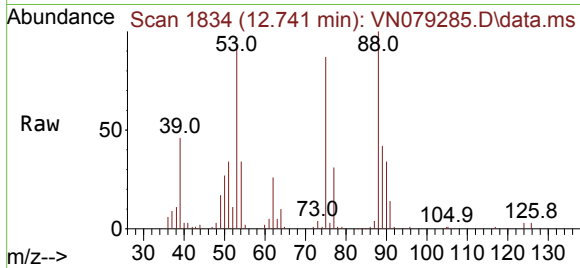




#81
trans-1,4-Dichloro-2-butene
Concen: 46.833 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

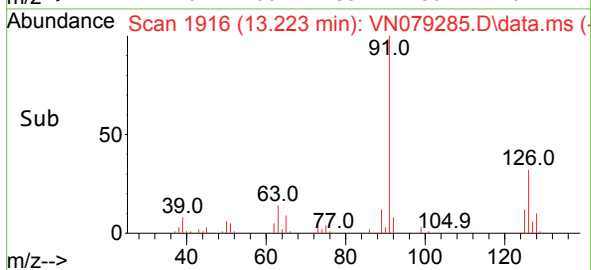
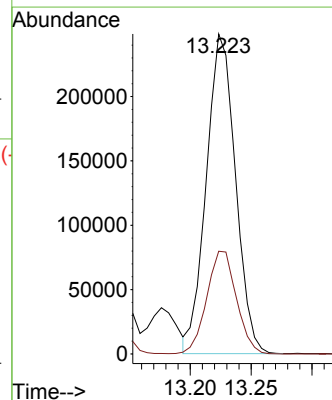
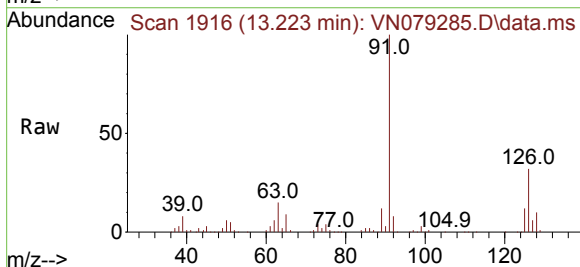
Instrument :
MSVOA_N
ClientSampleId :

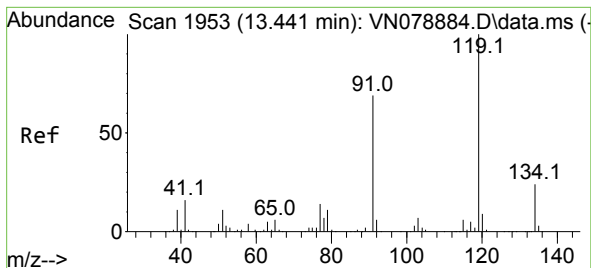
Tgt Ion: 75 Resp: 60332
Ion Ratio Lower Upper
75 100
53 104.7 67.4 101.2#
89 46.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.163 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 91 Resp: 414044
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0

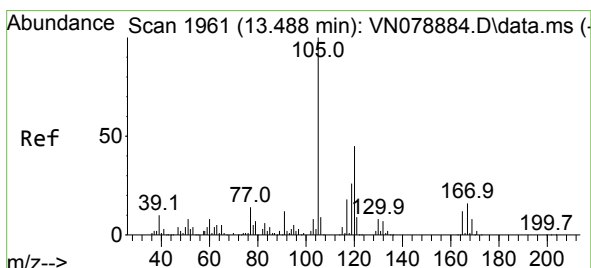
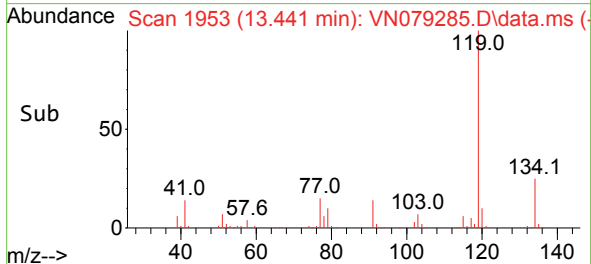
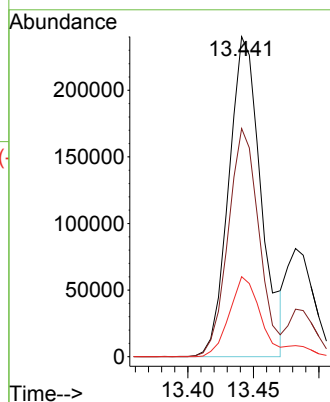
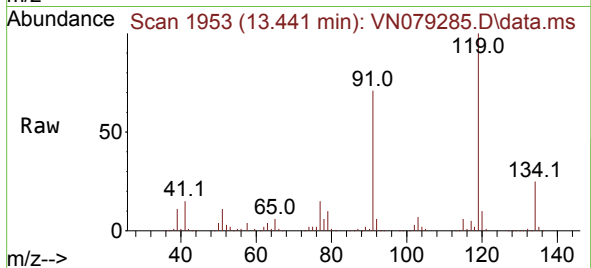




#83
tert-Butylbenzene
Concen: 49.779 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

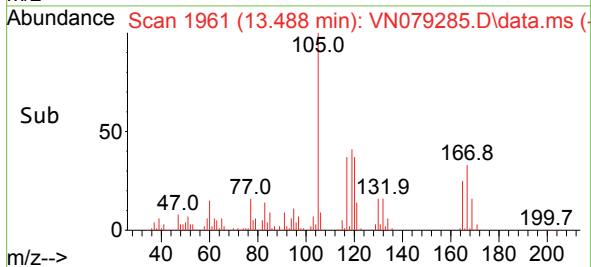
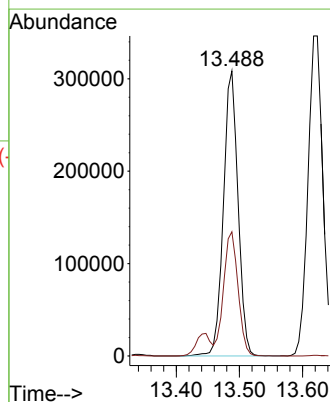
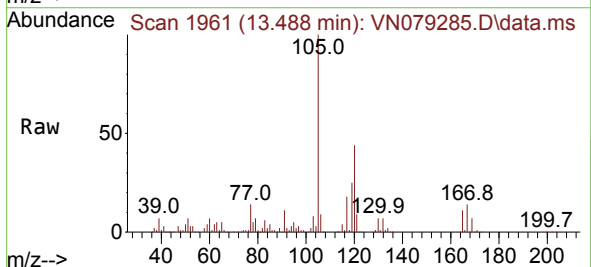
Instrument :
MSVOA_N
ClientSampleId :

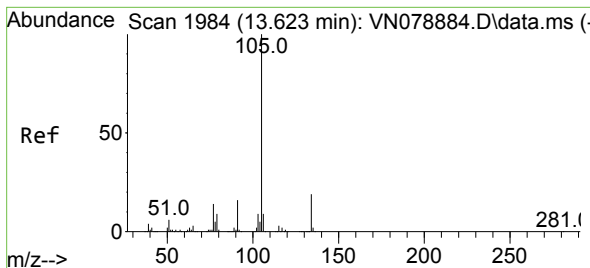
Tgt Ion:119 Resp: 410245
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 26.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.272 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:105 Resp: 495933
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.942 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

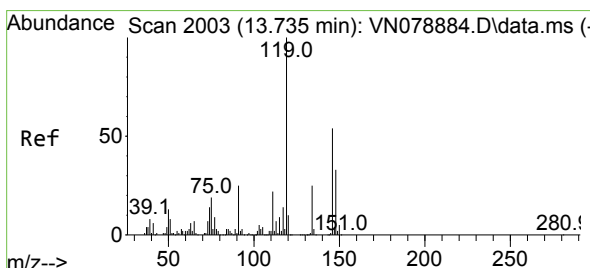
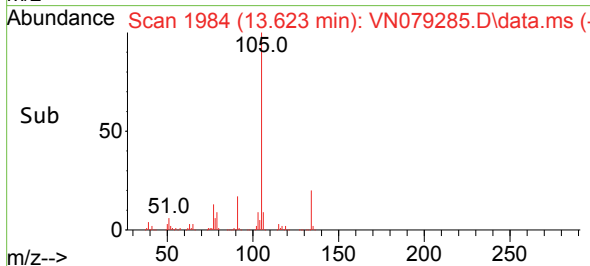
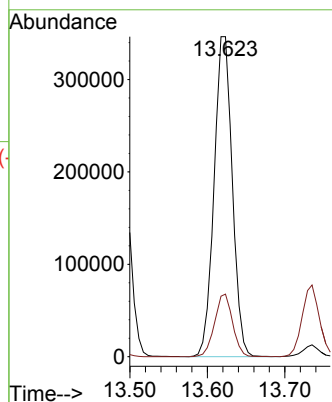
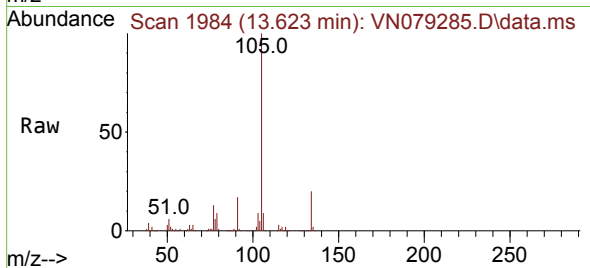
ClientSampleId :

Tgt Ion:105 Resp: 566633

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.428 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

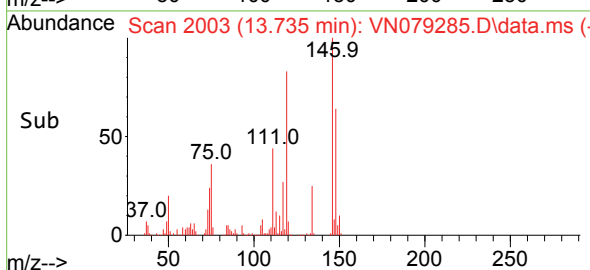
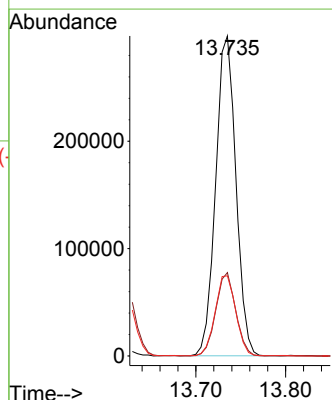
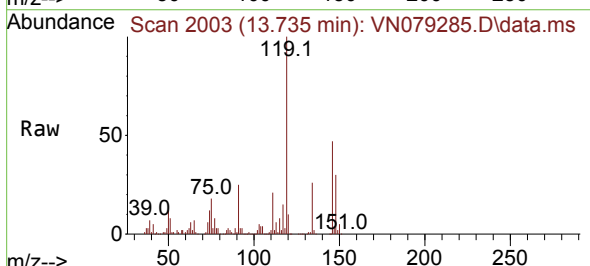
Tgt Ion:119 Resp: 466163

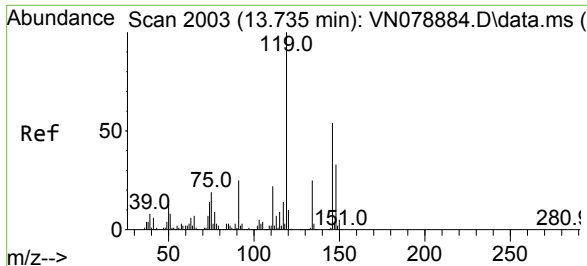
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.5 12.4 37.2

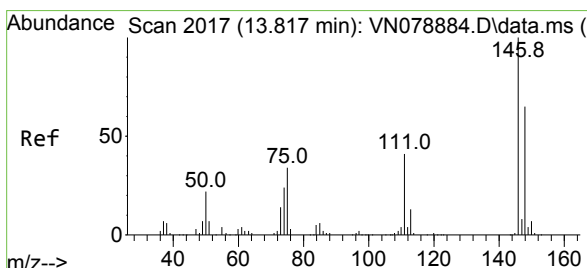
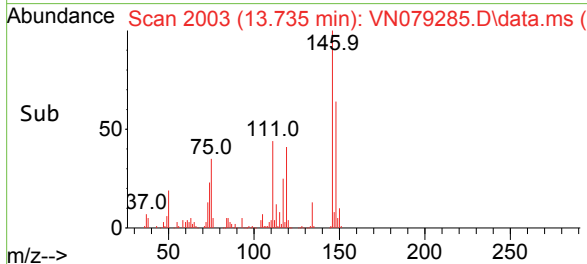
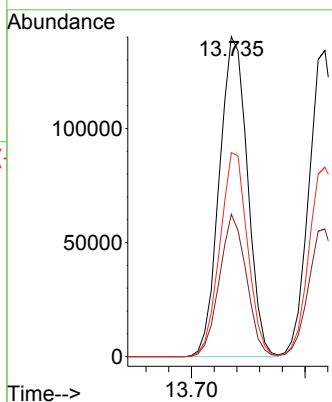
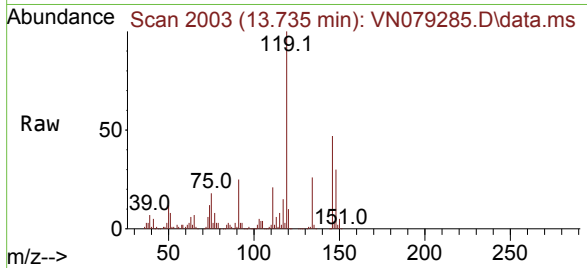




#87
 1,3-Dichlorobenzene
 Concen: 48.595 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

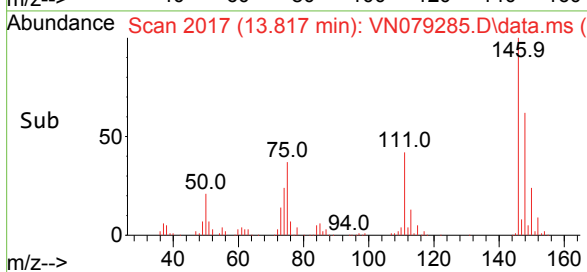
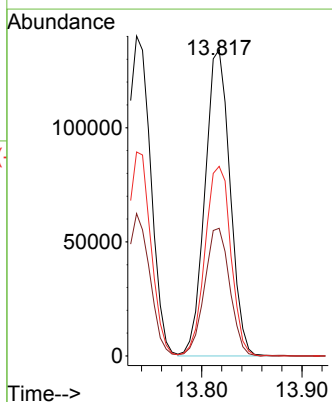
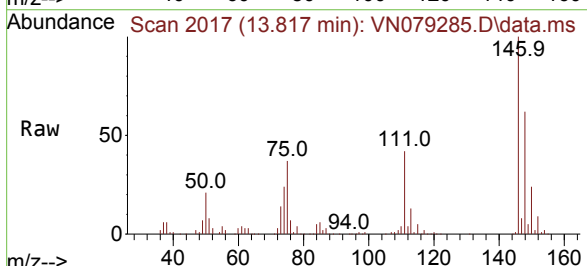
Instrument :
 MSVOA_N
 ClientSampleId :

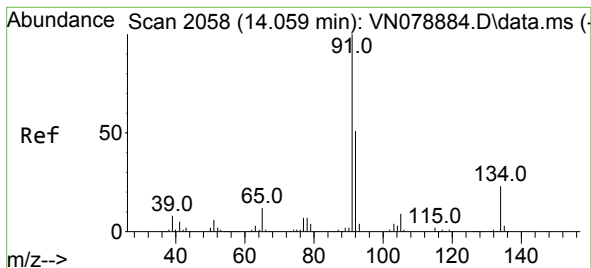
Tgt Ion:146 Resp: 241294
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 62.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.486 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

Tgt Ion:146 Resp: 233239
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 52.639 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079285.D

Acq: 18 Sep 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

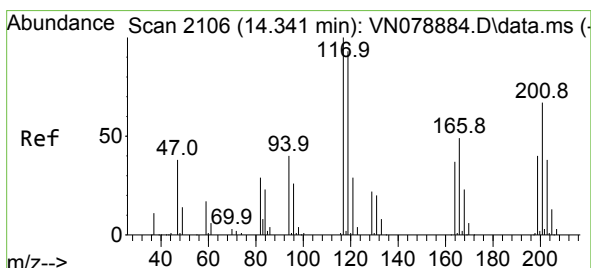
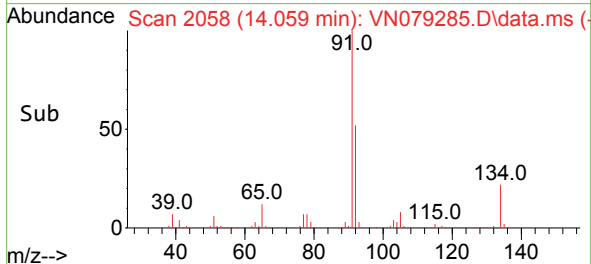
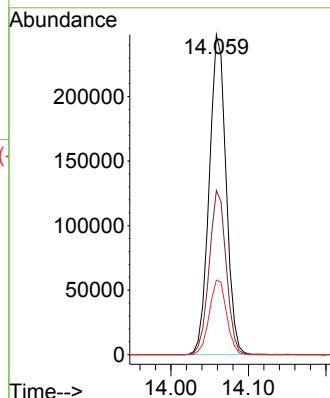
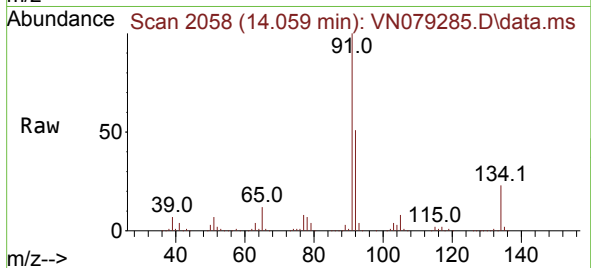
Tgt Ion: 91 Resp: 375208

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 23.9 12.6 37.6



#90

Hexachloroethane

Concen: 48.390 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079285.D

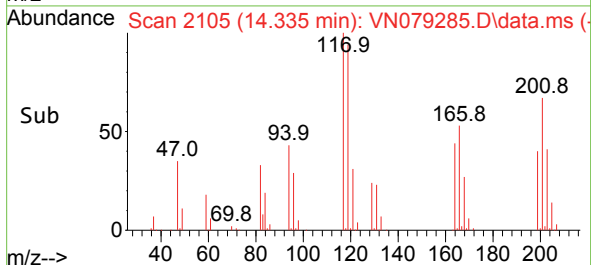
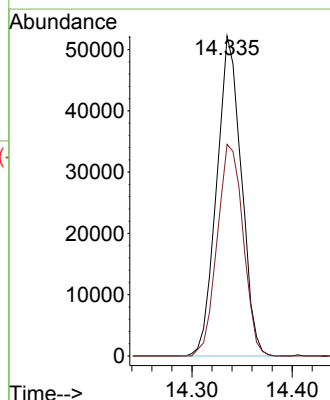
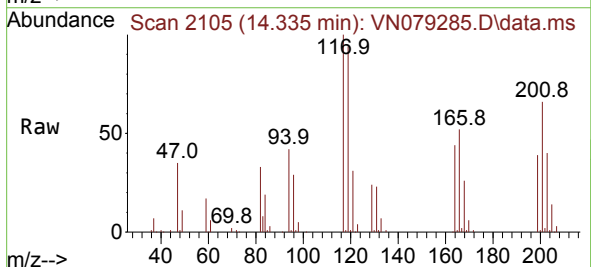
Acq: 18 Sep 2023 12:20

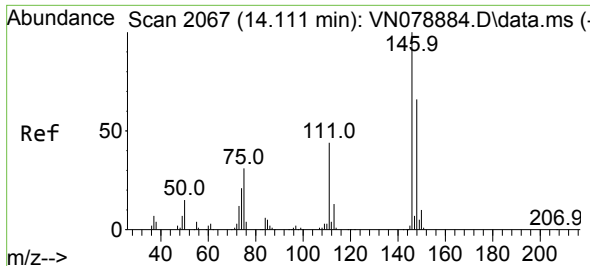
Tgt Ion: 117 Resp: 89074

Ion Ratio Lower Upper

117 100

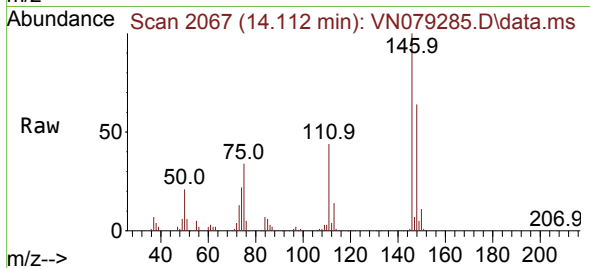
201 69.6 29.3 88.0



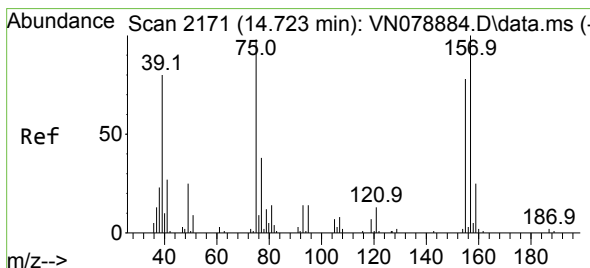
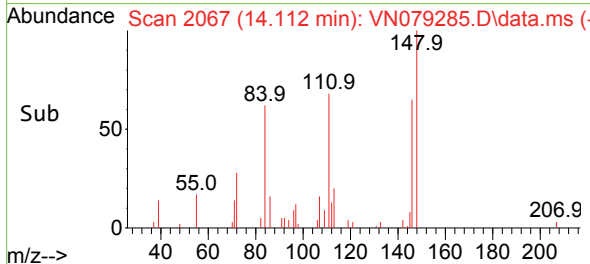
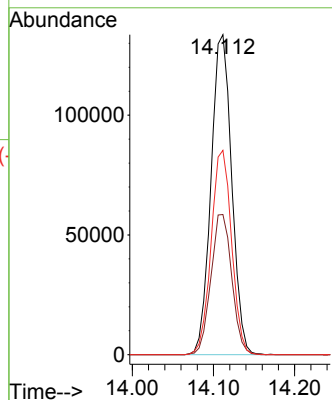


#91
1,2-Dichlorobenzene
Concen: 48.188 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :

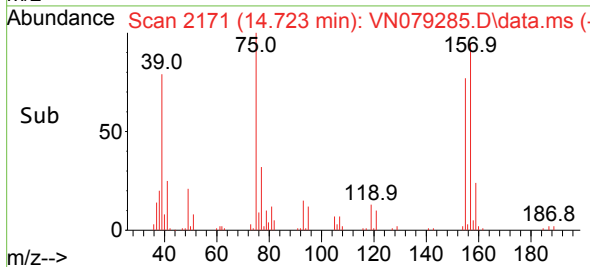
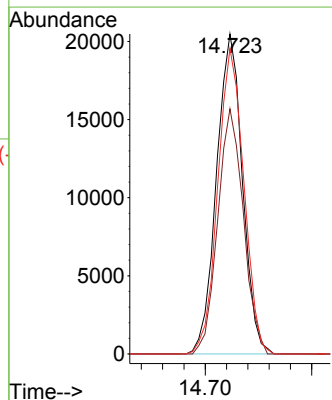
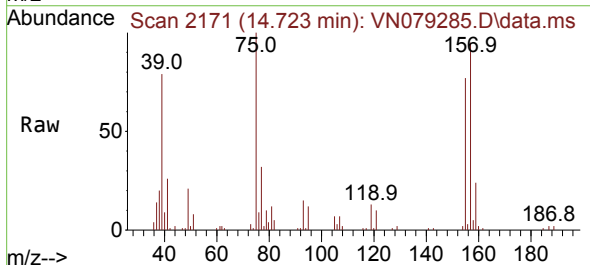


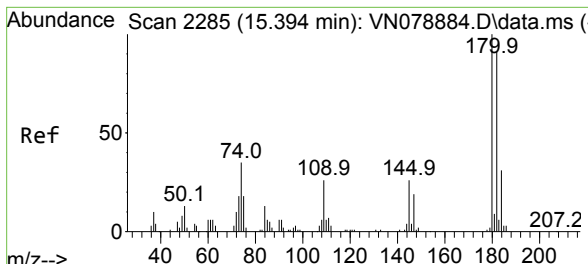
Tgt Ion:146 Resp: 236206
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 63.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.027 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion: 75 Resp: 34534
Ion Ratio Lower Upper
75 100
155 75.8 39.1 117.2
157 95.7 50.3 150.9

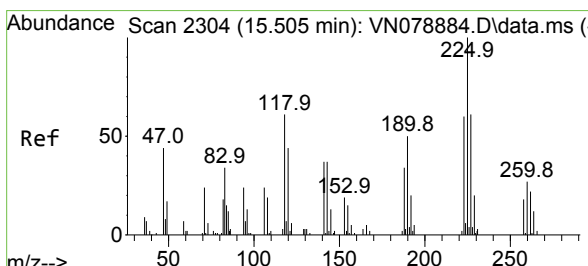
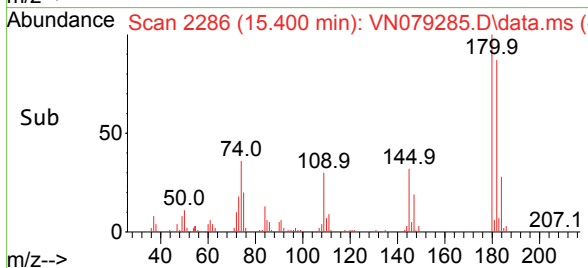
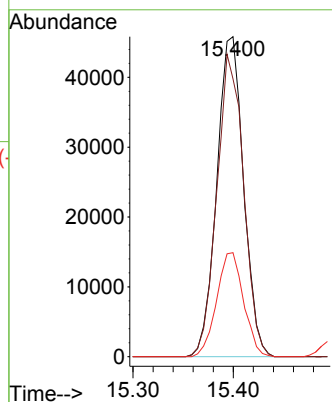
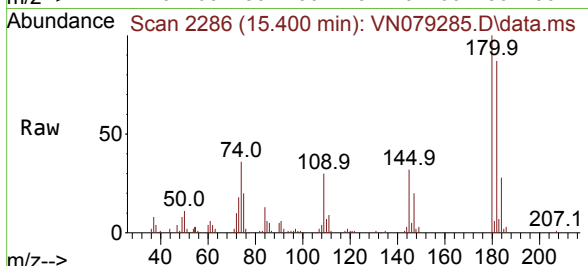




#93
 1,2,4-Trichlorobenzene
 Concen: 48.183 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

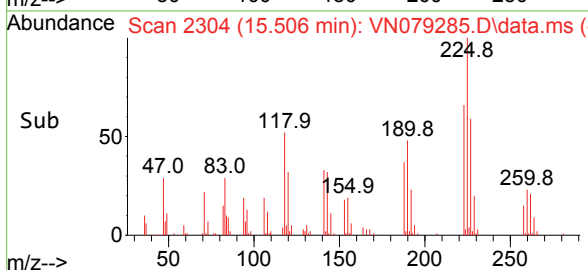
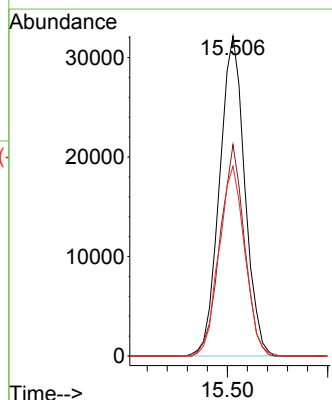
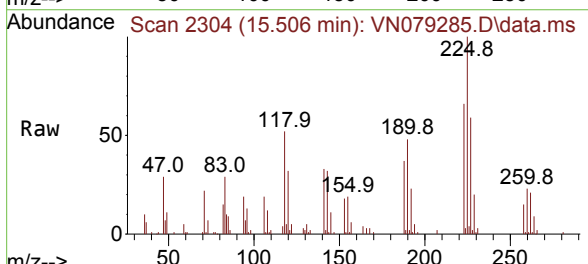
Instrument :
 MSVOA_N
 ClientSampleId :

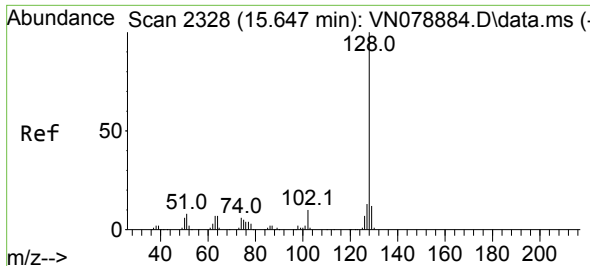
Tgt Ion:180 Resp: 84874
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.1 138.2
 145 32.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 40.444 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079285.D
 Acq: 18 Sep 2023 12:20

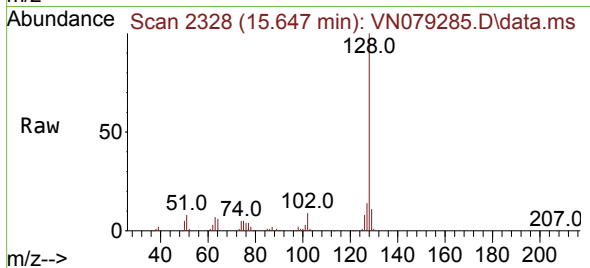
Tgt Ion:225 Resp: 56042
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.8
 227 60.9 31.9 95.9



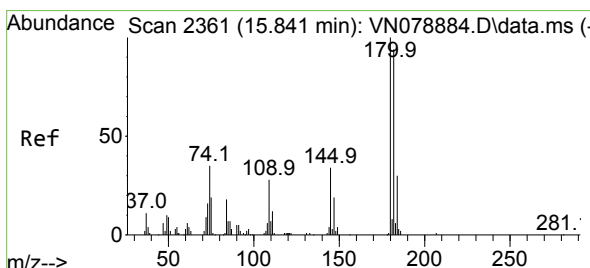
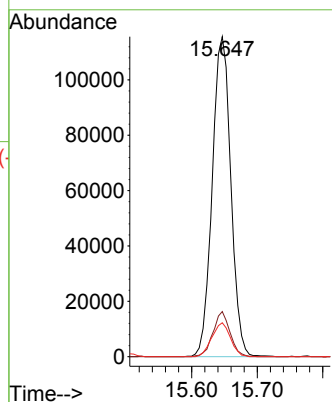
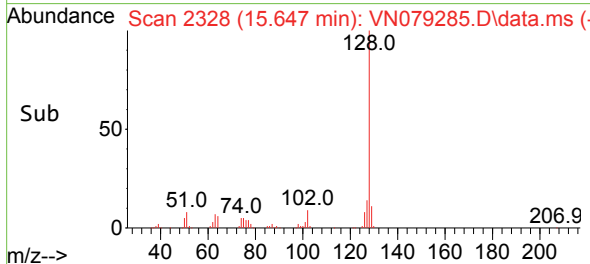


#95
Naphthalene
Concen: 43.522 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 227697
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.607 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079285.D
Acq: 18 Sep 2023 12:20

Tgt Ion:180 Resp: 92687
Ion Ratio Lower Upper
180 100
182 91.2 46.2 138.6
145 32.9 17.5 52.6

