

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079236.D
 Acq On : 12 Sep 2023 15:29
 Operator : JC\MD
 Sample : VN0912WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 01:32:58 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	160810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	182624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	165733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	106635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126192	58.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.260%
35) Dibromofluoromethane	8.171	113	106963	88.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	176.100%#
50) Toluene-d8	10.571	98	287889	64.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	129.080%#
62) 4-Bromofluorobenzene	12.853	95	154744	108.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	217.520%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	24918	15.660	ug/l	97
3) Chloromethane	2.365	50	35023	16.768	ug/l	98
4) Vinyl Chloride	2.512	62	38505	16.919	ug/l	98
5) Bromomethane	2.953	94	21257	16.249	ug/l	100
6) Chloroethane	3.118	64	29735	19.839	ug/l	98
7) Trichlorofluoromethane	3.495	101	48714	14.617	ug/l	96
8) Diethyl Ether	3.965	74	15393	13.307	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	23697	13.370	ug/l	92
10) Methyl Iodide	4.589	142	24699	17.036	ug/l	96
11) Tert butyl alcohol	5.530	59	25986	64.840	ug/l	99
12) 1,1-Dichloroethene	4.347	96	21591	12.589	ug/l	94
13) Acrolein	4.189	56	26266	68.706	ug/l	99
14) Allyl chloride	5.024	41	32161	11.755	ug/l	94
15) Acrylonitrile	5.730	53	59978	57.716	ug/l	98
16) Acetone	4.436	43	58898	63.885	ug/l	95
17) Carbon Disulfide	4.712	76	60380	11.264	ug/l	96
18) Methyl Acetate	5.030	43	41654	10.993	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	83422	14.182	ug/l	98
20) Methylene Chloride	5.283	84	27090	12.075	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	25799	12.967	ug/l	94
22) Diisopropyl ether	6.677	45	69244	11.535	ug/l	97
23) Vinyl Acetate	6.606	43	209578	56.759	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	49213	13.298	ug/l	97
25) 2-Butanone	7.488	43	132453	99.018	ug/l	88
26) 2,2-Dichloropropane	7.488	77	62067	20.438	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44625	19.615	ug/l	91
28) Bromochloromethane	7.818	49	49795	29.761	ug/l	86
29) Tetrahydrofuran	7.841	42	90426	106.226	ug/l #	81
30) Chloroform	7.965	83	78869	20.470	ug/l	93
31) Cyclohexane	8.265	56	58599	18.488	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	64388	19.604	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52413	27.992	ug/l	96
37) Ethyl Acetate	7.565	43	50116	26.834	ug/l	96
38) Carbon Tetrachloride	8.365	117	55465	28.625	ug/l	98
39) Methylcyclohexane	9.606	83	38325	20.750	ug/l	90
40) Benzene	8.606	78	160235	27.955	ug/l	100

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30156	32.024	ug/l	88
42) 1,2-Dichloroethane	8.677	62	55773	28.264	ug/l	99
43) Isopropyl Acetate	8.694	43	82014	26.913	ug/l	96
44) Trichloroethene	9.359	130	29808	21.110	ug/l	100
45) 1,2-Dichloropropane	9.629	63	26733	18.792	ug/l	95
46) Dibromomethane	9.712	93	20055	20.767	ug/l	90
47) Bromodichloromethane	9.894	83	41796	21.131	ug/l	96
48) Methyl methacrylate	9.688	41	24083	17.644	ug/l	88
49) 1,4-Dioxane	9.700	88	12375	440.784	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	150293	84.961	ug/l	98
52) Toluene	10.635	92	70422	19.991	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	43854	21.027	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	45413	20.358	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	27038	19.561	ug/l	98
56) Ethyl methacrylate	10.876	69	40752	20.886	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	46416	19.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	69636	91.266	ug/l	97
59) 2-Hexanone	11.200	43	113555	88.629	ug/l	96
60) Dibromochloromethane	11.365	129	32572	22.142	ug/l	99
61) 1,2-Dibromoethane	11.476	107	27424	19.881	ug/l	99
64) Tetrachloroethene	11.106	164	27551	22.798	ug/l	92
65) Chlorobenzene	11.894	112	74040	19.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	30722	21.821	ug/l	92
67) Ethyl Benzene	11.970	91	132683	20.661	ug/l	98
68) m/p-Xylenes	12.076	106	102778	42.937	ug/l	95
69) o-Xylene	12.406	106	75029	32.682	ug/l	92
70) Styrene	12.418	104	128875	34.904	ug/l	100
71) Bromoform	12.582	173	33168	31.912	ug/l #	99
73) Isopropylbenzene	12.700	105	187094	19.284	ug/l	100
74) N-amyl acetate	12.500	43	71406	19.399	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	63388	17.546	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	79634	27.709	ug/l	70
77) Bromobenzene	12.982	156	47288	19.249	ug/l	99
78) n-propylbenzene	13.041	91	222651	20.429	ug/l	98
79) 2-Chlorotoluene	13.129	91	136306	19.122	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	146464	18.118	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20122	19.249	ug/l	91
82) 4-Chlorotoluene	13.223	91	118049	17.625	ug/l	100
83) tert-Butylbenzene	13.441	119	126583	18.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	151348	19.658	ug/l	100
85) sec-Butylbenzene	13.623	105	175737	19.088	ug/l	98
86) p-Isopropyltoluene	13.735	119	147486	20.051	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	75240	18.673	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	74311	18.251	ug/l	99
89) n-Butylbenzene	14.059	91	112502	19.450	ug/l	99
90) Hexachloroethane	14.335	117	19552	13.089	ug/l	68
91) 1,2-Dichlorobenzene	14.111	146	72396	18.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	7620	13.875	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	21331	14.923	ug/l	98
94) Hexachlorobutadiene	15.506	225	16244	14.446	ug/l	95
95) Naphthalene	15.647	128	52120	12.277	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	23191	13.754	ug/l	98

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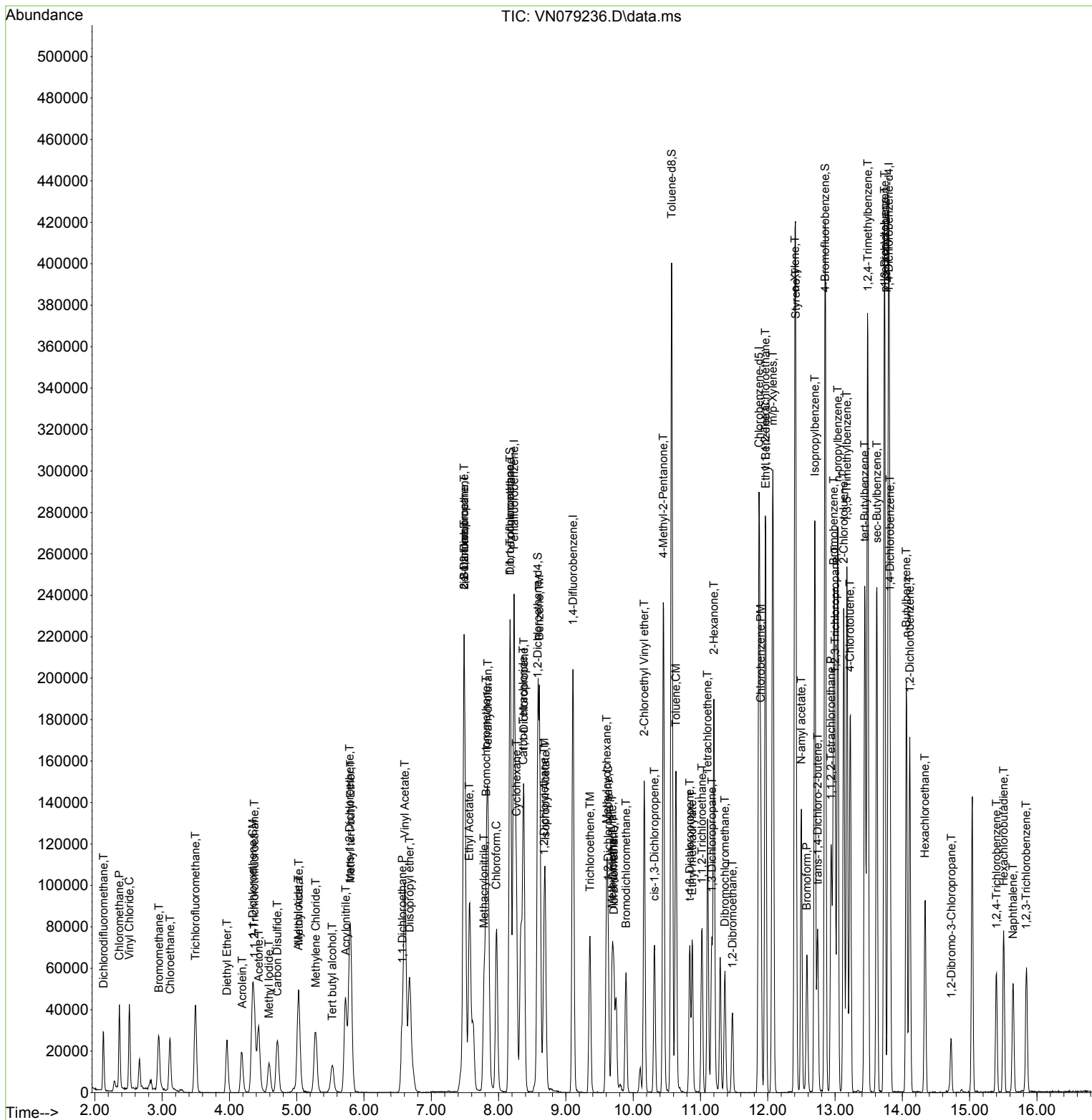
Instrument :
MSVOA_N
ClientSampleId :

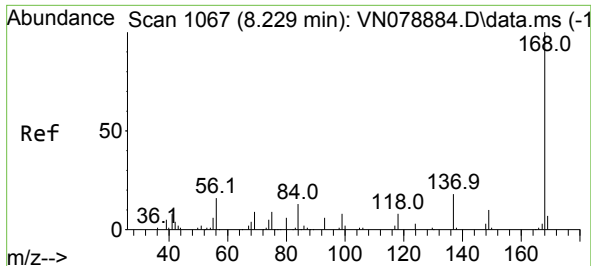
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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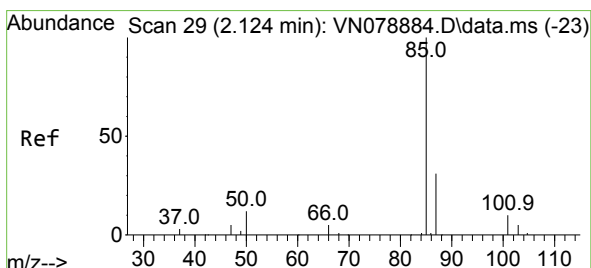
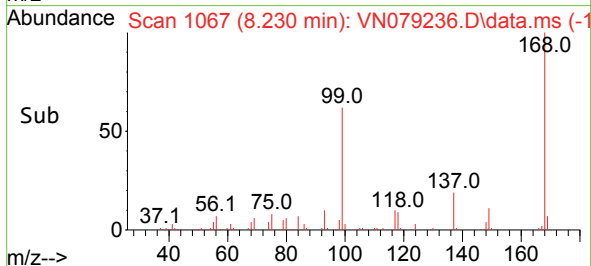
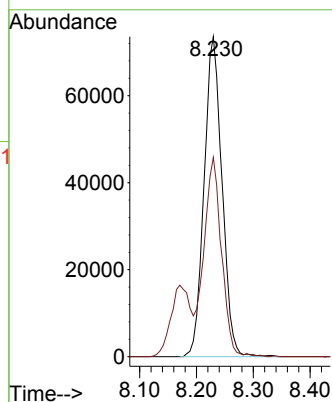
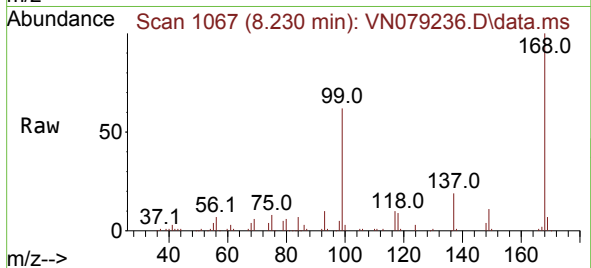




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079236.D
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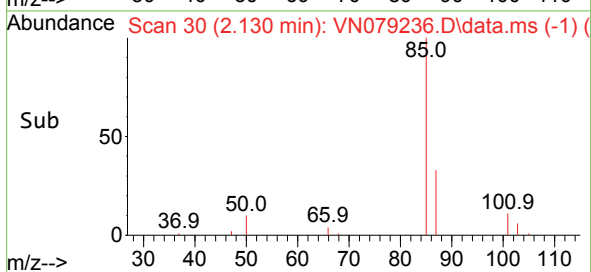
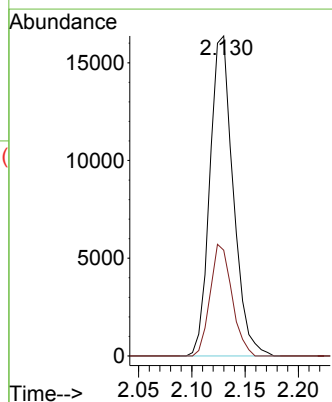
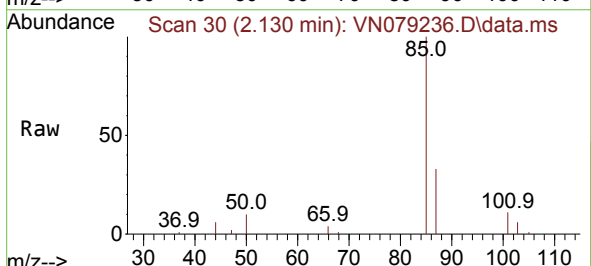
Instrument :
MSVOA_N
ClientSampleId :

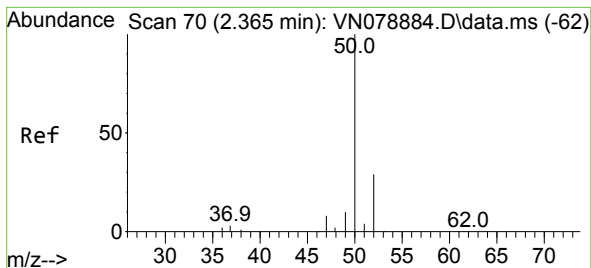
Tgt Ion:168 Resp: 160810
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 15.660 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 85 Resp: 24918
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3

Chloromethane

Concen: 16.768 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

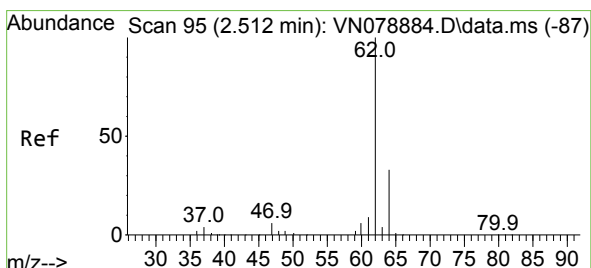
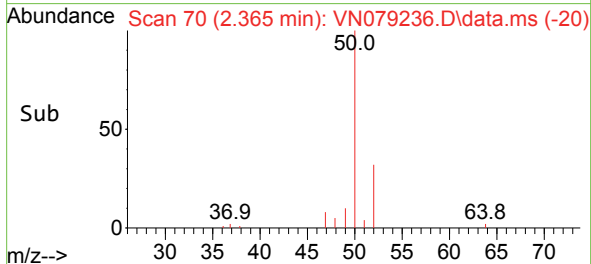
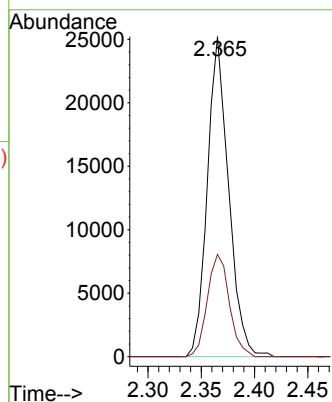
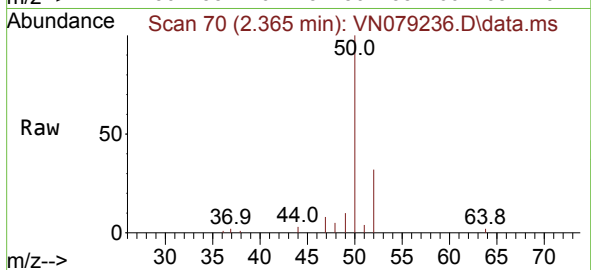
ClientSampleId :

Tgt Ion: 50 Resp: 35023

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 16.919 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079236.D

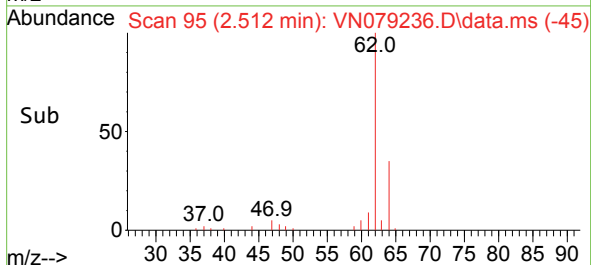
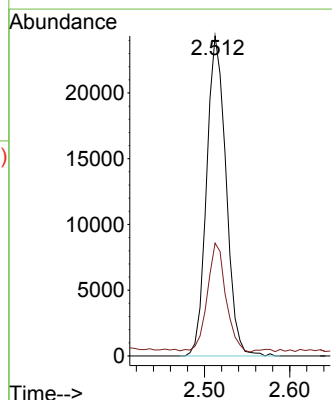
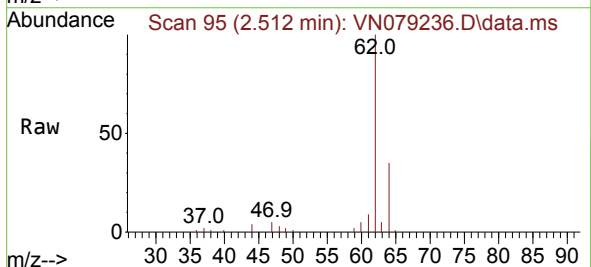
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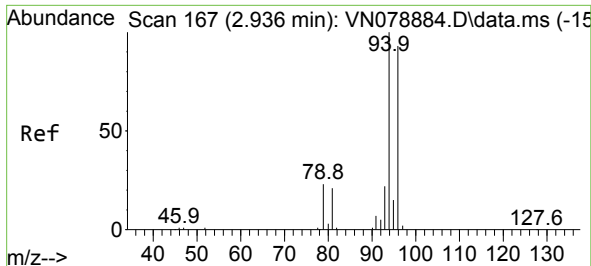
Tgt Ion: 62 Resp: 38505

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.2





#5

Bromomethane

Concen: 16.249 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

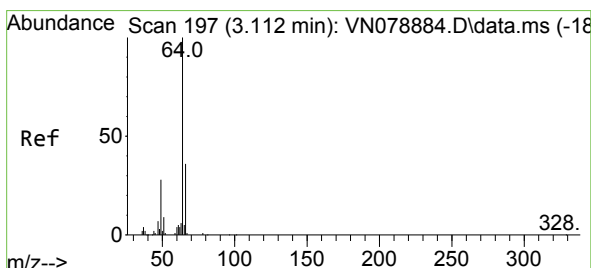
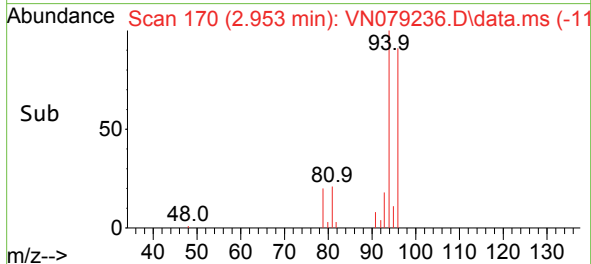
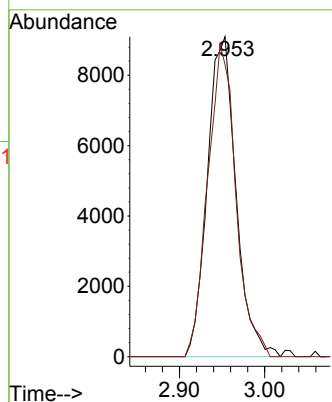
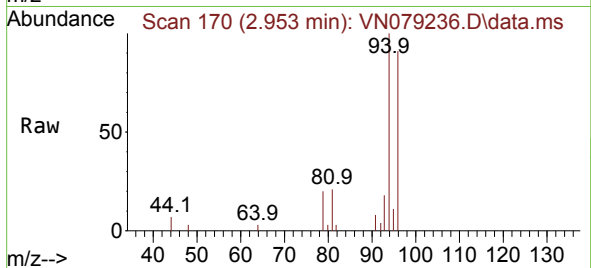
ClientSampleId :

Tgt Ion: 94 Resp: 21257

Ion Ratio Lower Upper

94 100

96 91.3 73.1 109.7



#6

Chloroethane

Concen: 19.839 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079236.D

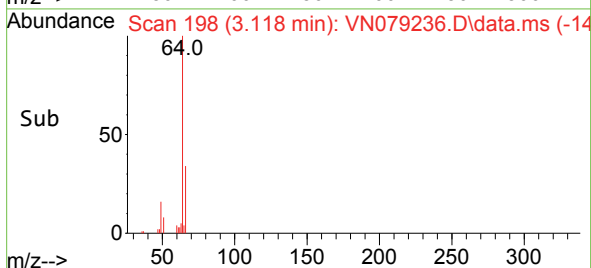
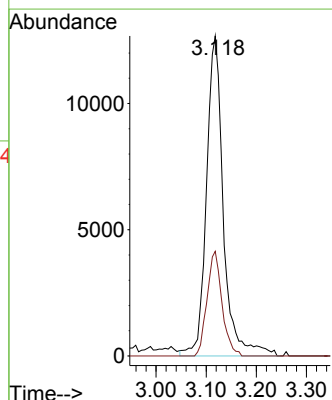
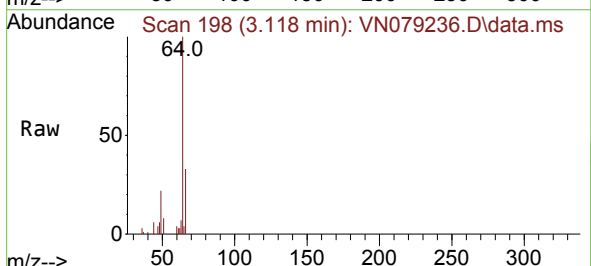
Acq: 12 Sep 2023 15:29

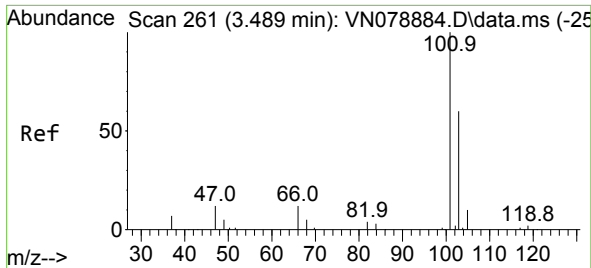
Tgt Ion: 64 Resp: 29735

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2

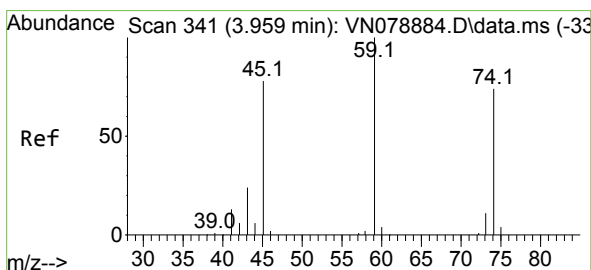
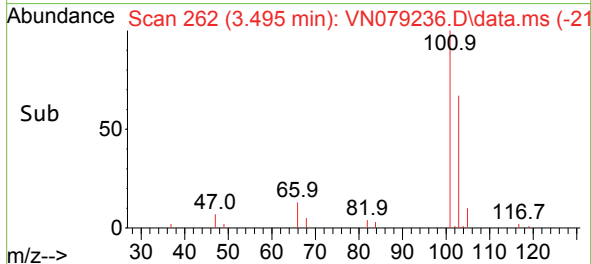
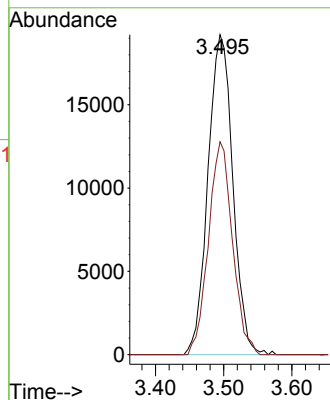
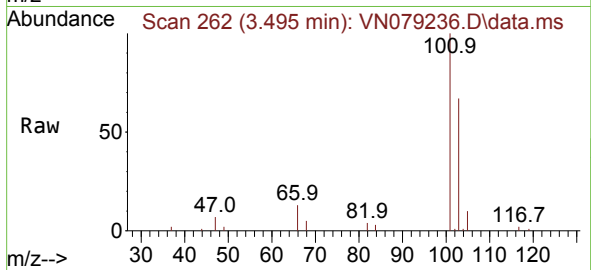




#7
Trichlorofluoromethane
Concen: 14.617 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

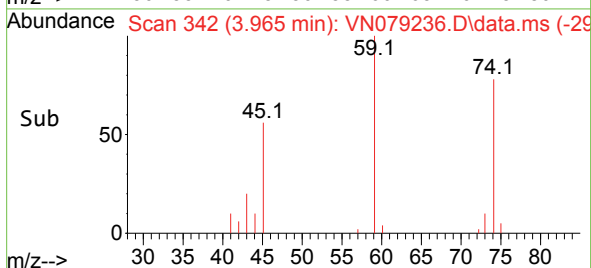
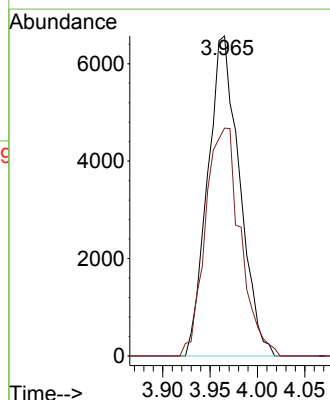
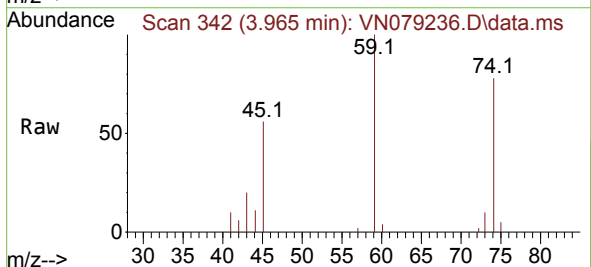
Instrument :
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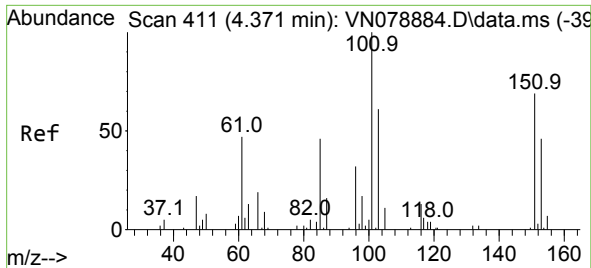
Tgt Ion:101 Resp: 48714
Ion Ratio Lower Upper
101 100
103 66.5 50.7 76.1



#8
Diethyl Ether
Concen: 13.307 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 74 Resp: 15393
Ion Ratio Lower Upper
74 100
45 78.1 34.4 103.3

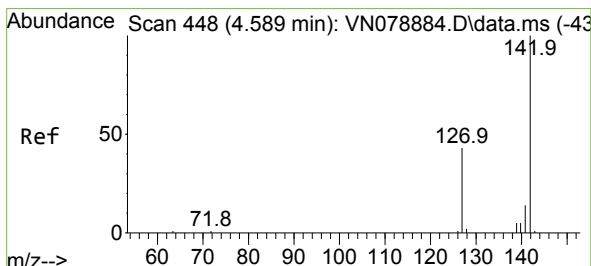
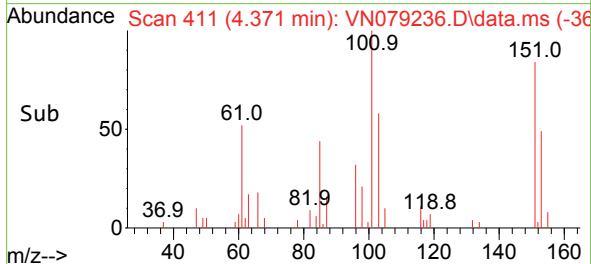
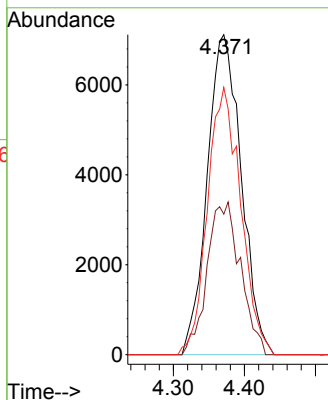
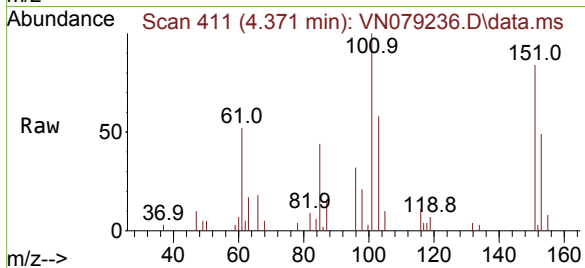




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.370 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079236.D
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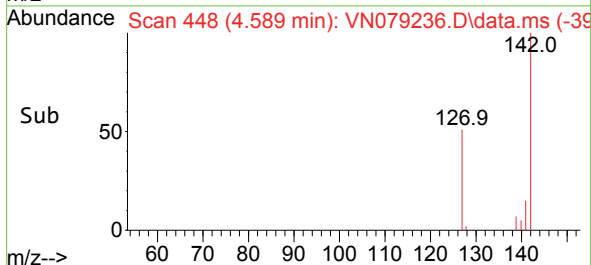
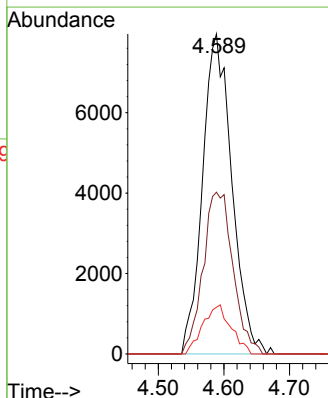
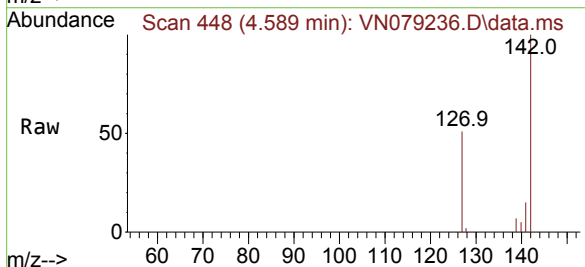
Instrument :
MSVOA_N
ClientSampleId :

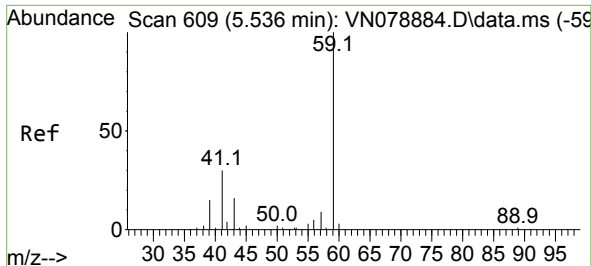
Tgt Ion:101	Resp:	23697
Ion	Ratio	Lower Upper
101	100	
85	46.8	36.6 55.0
151	81.5	57.6 86.4



#10
Methyl Iodide
Concen: 17.036 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:142	Resp:	24699
Ion	Ratio	Lower Upper
142	100	
127	50.6	37.6 56.4
141	14.6	11.4 17.0

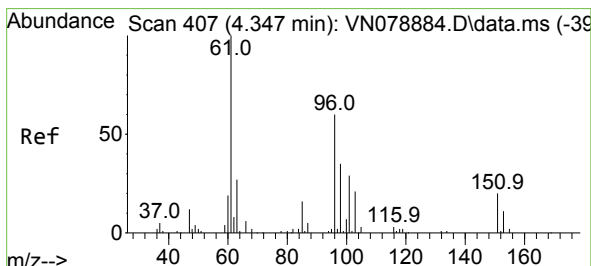
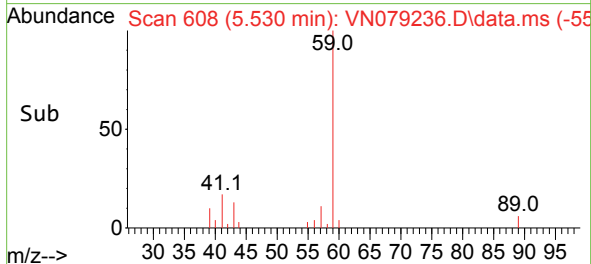
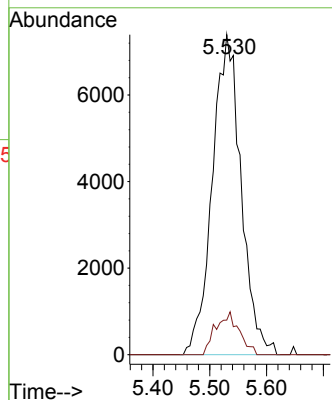
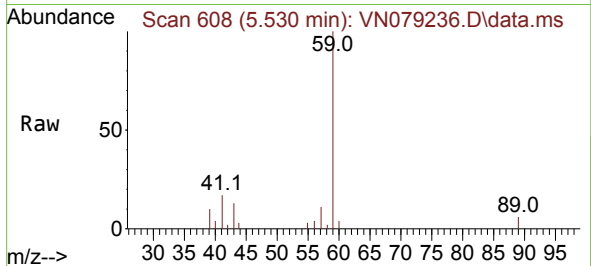




#11
Tert butyl alcohol
Concen: 64.840 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

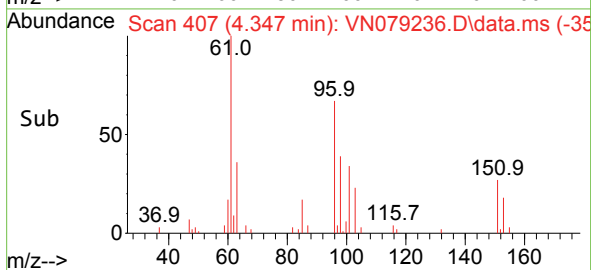
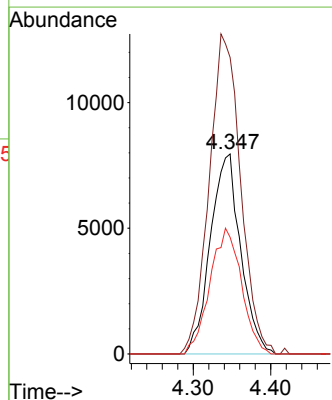
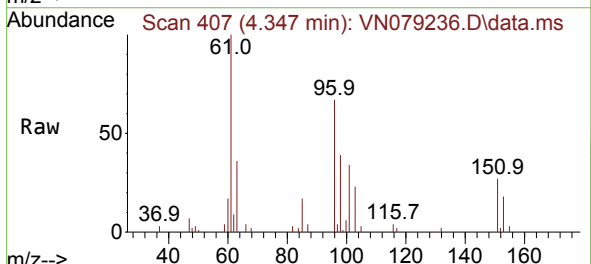
Instrument :
MSVOA_N
ClientSampleId :

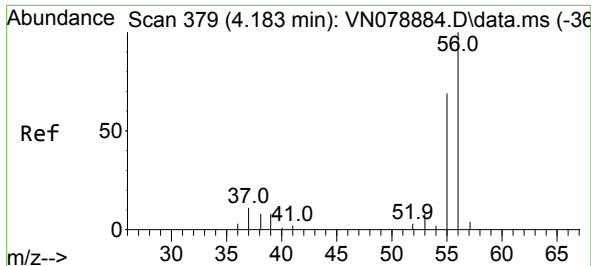
Tgt Ion: 59 Resp: 25986
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 12.589 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 96 Resp: 21591
Ion Ratio Lower Upper
96 100
61 148.2 112.7 169.1
98 58.3 51.2 76.8





#13

Acrolein

Concen: 68.706 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

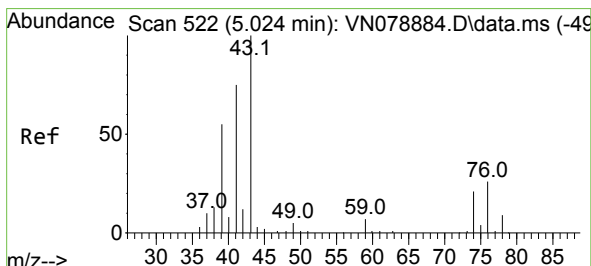
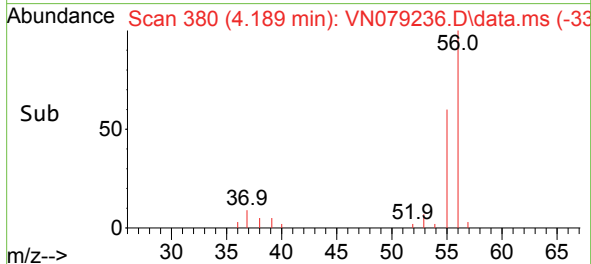
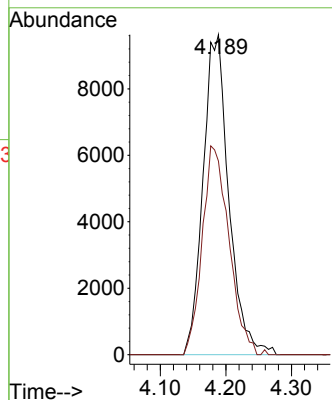
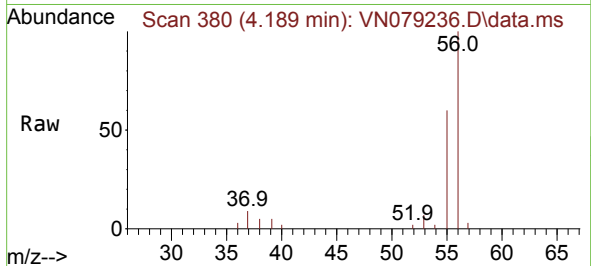
ClientSampleId :

Tgt Ion: 56 Resp: 26266

Ion Ratio Lower Upper

56 100

55 67.6 54.5 81.7



#14

Allyl chloride

Concen: 11.755 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

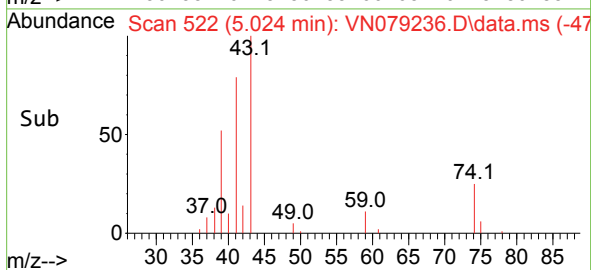
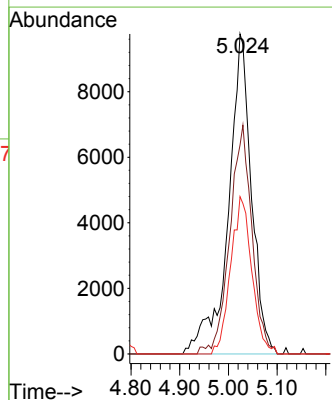
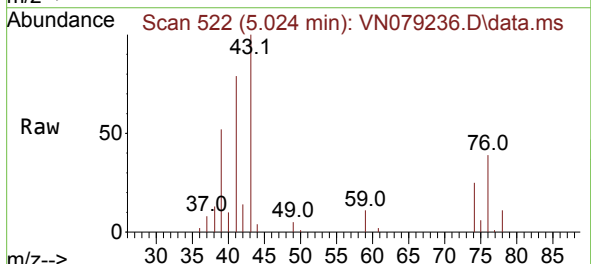
Tgt Ion: 41 Resp: 32161

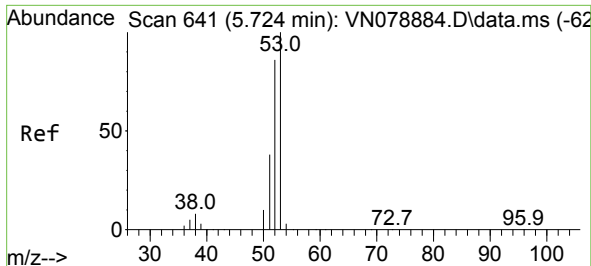
Ion Ratio Lower Upper

41 100

39 67.8 58.8 88.2

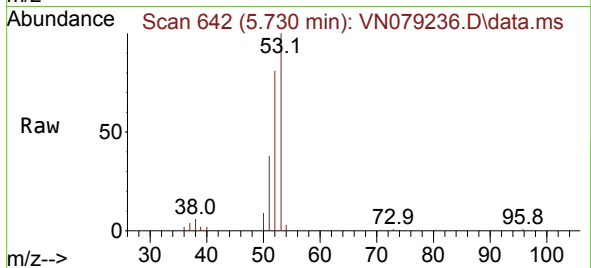
76 44.9 39.1 58.7



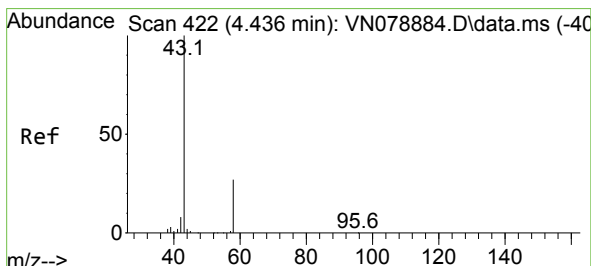
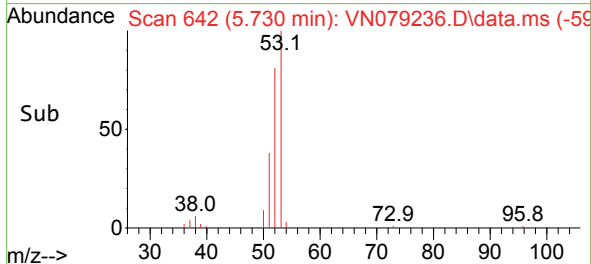
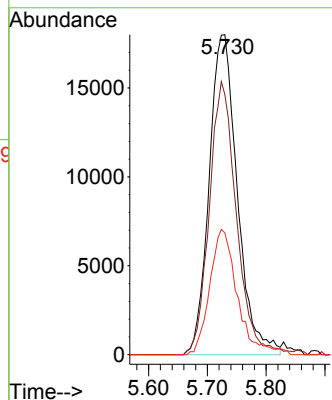


#15
Acrylonitrile
Concen: 57.716 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

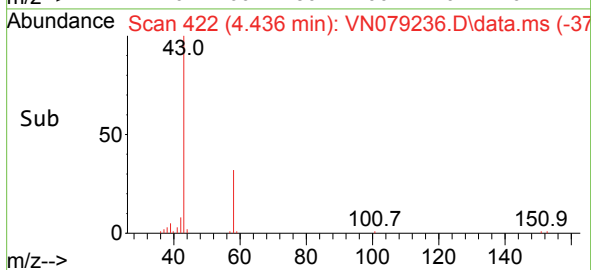
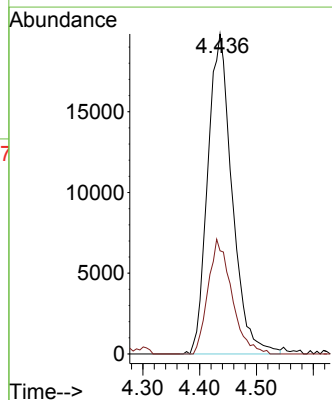
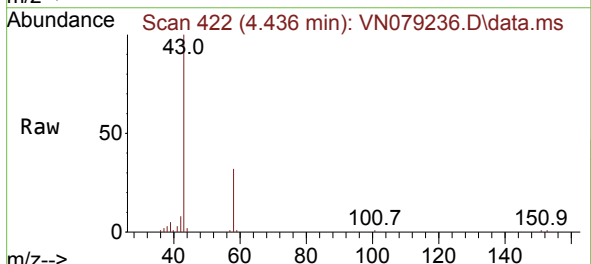


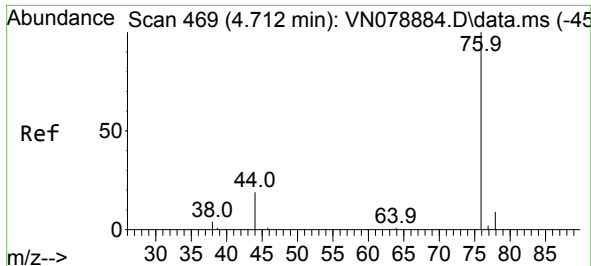
Tgt Ion: 53 Resp: 59978
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 38.4 28.9 43.3



#16
Acetone
Concen: 63.885 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

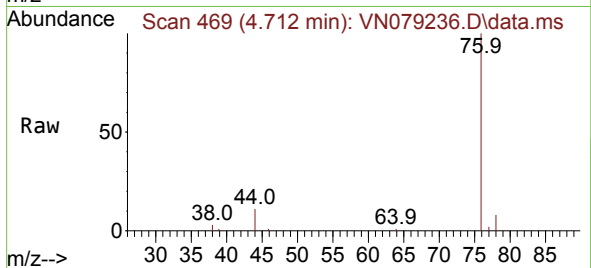
Tgt Ion: 43 Resp: 58898
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0



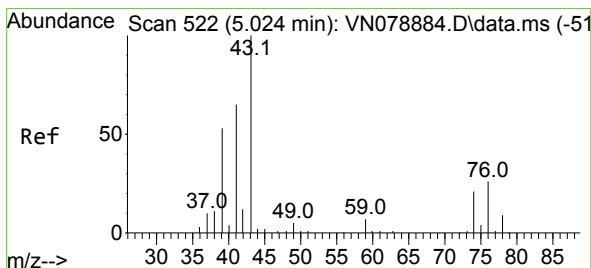
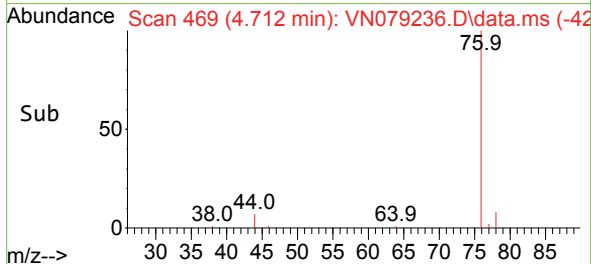
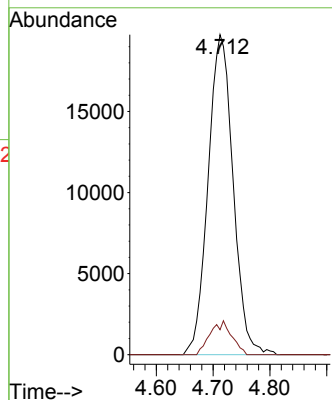


#17
Carbon Disulfide
Concen: 11.264 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

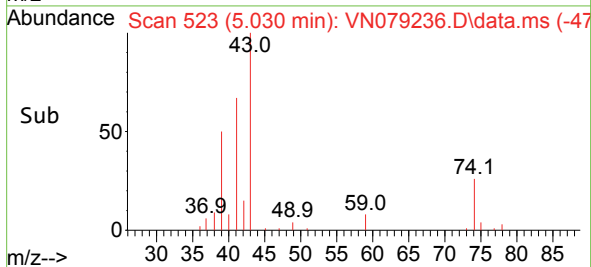
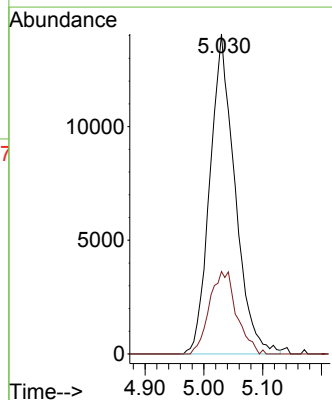
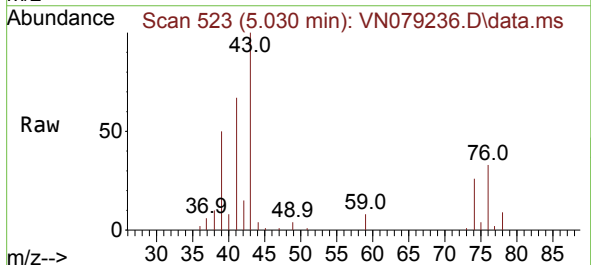


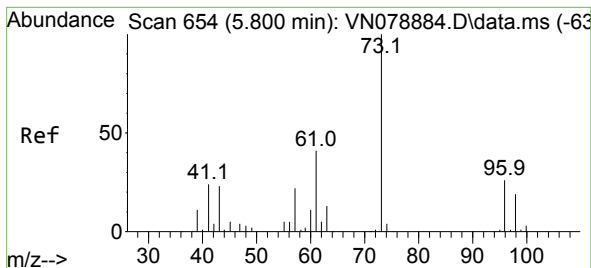
Tgt Ion: 76 Resp: 60380
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#18
Methyl Acetate
Concen: 10.993 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 43 Resp: 41654
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 14.182 ug/l

RT: 5.800 min Scan# 61

Delta R.T. -0.018 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

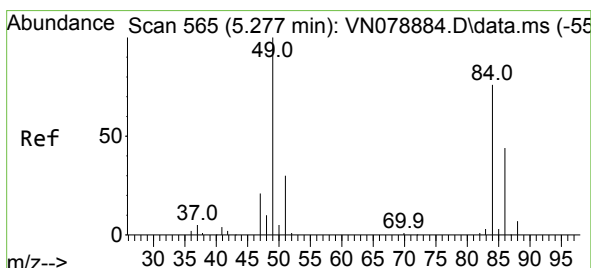
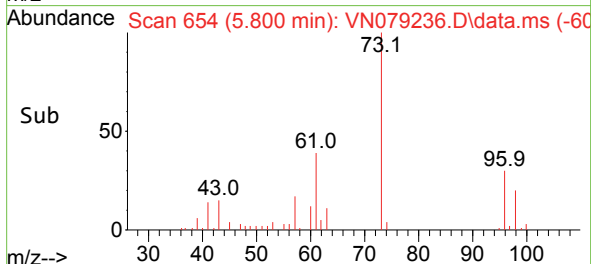
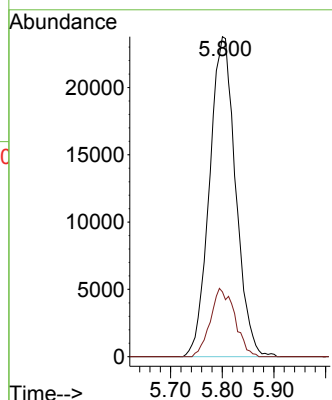
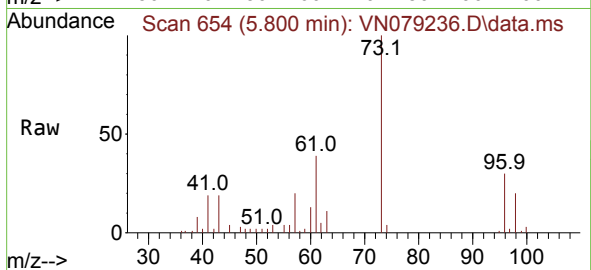
ClientSampleId :

Tgt Ion: 73 Resp: 83422

Ion Ratio Lower Upper

73 100

57 20.2 15.6 23.4



#20

Methylene Chloride

Concen: 12.075 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Tgt Ion: 84 Resp: 27090

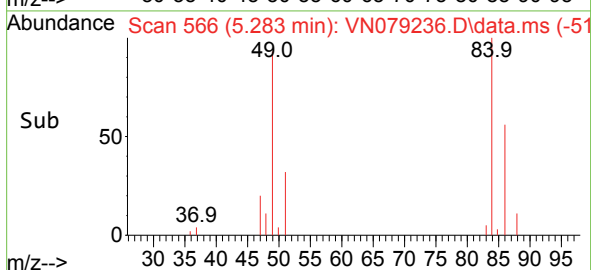
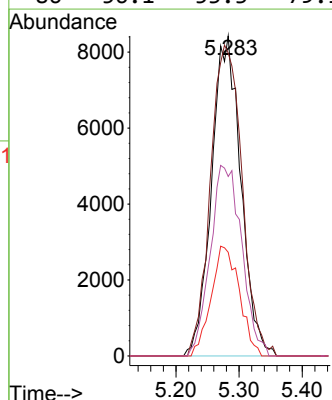
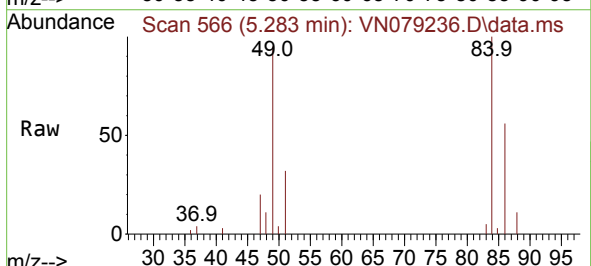
Ion Ratio Lower Upper

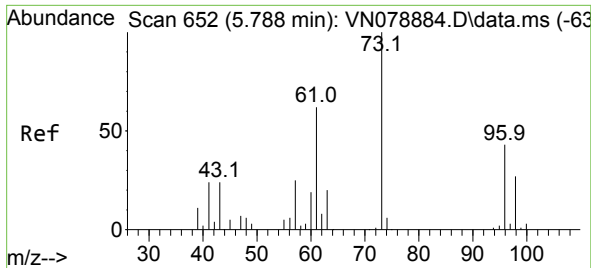
84 100

49 94.7 79.7 119.5

51 32.4 25.2 37.8

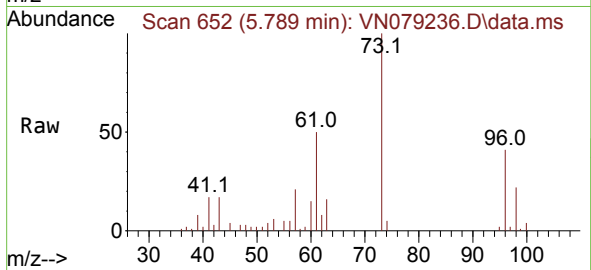
86 56.1 53.3 79.9



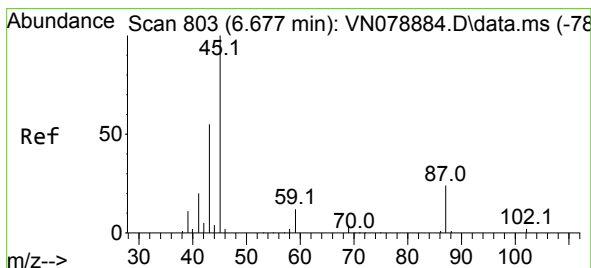
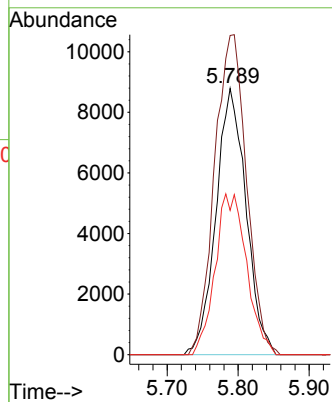
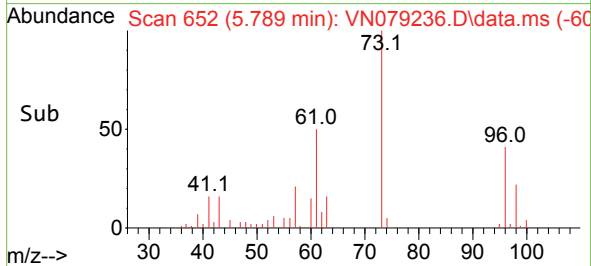


#21
trans-1,2-Dichloroethene
Concen: 12.967 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

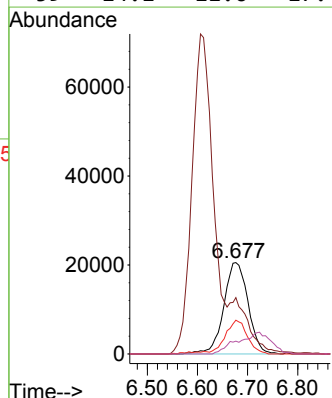
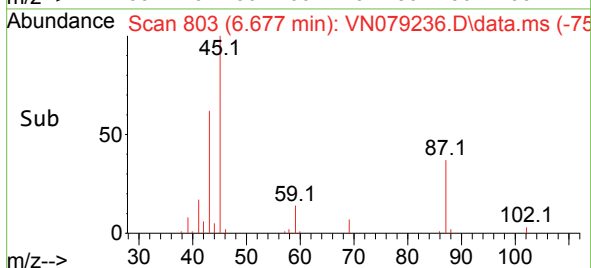
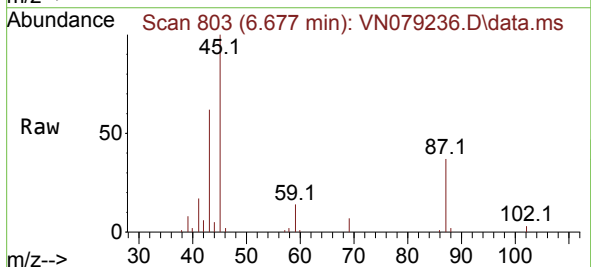


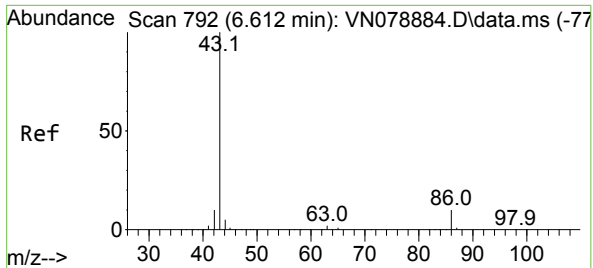
Tgt Ion: 96 Resp: 25799
Ion Ratio Lower Upper
96 100
61 119.9 90.1 135.1
98 54.2 46.4 69.6



#22
Diisopropyl ether
Concen: 11.535 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 45 Resp: 69244
Ion Ratio Lower Upper
45 100
43 59.2 45.5 68.3
87 37.0 31.8 47.8
59 14.1 11.6 17.4

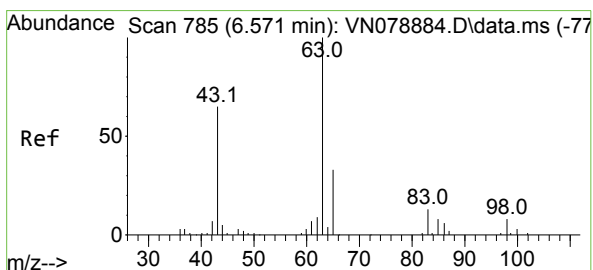
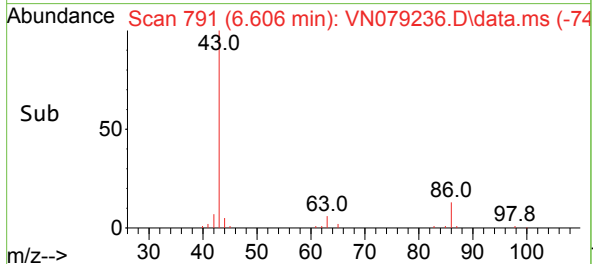
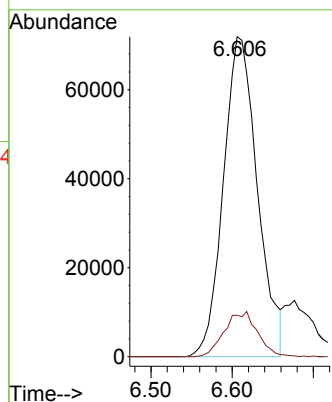
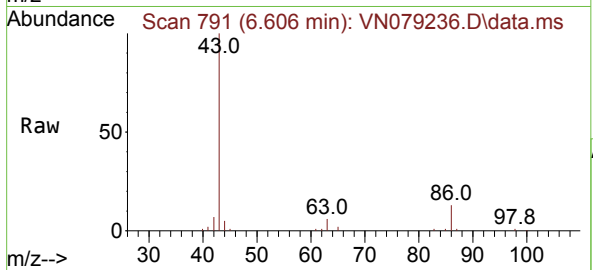




#23
 Vinyl Acetate
 Concen: 56.759 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

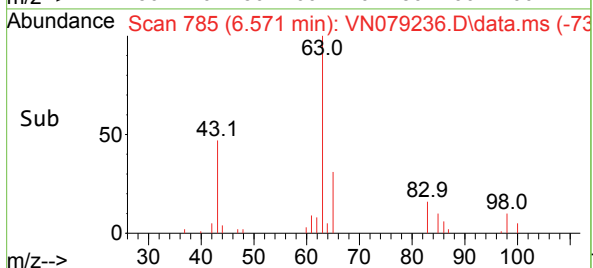
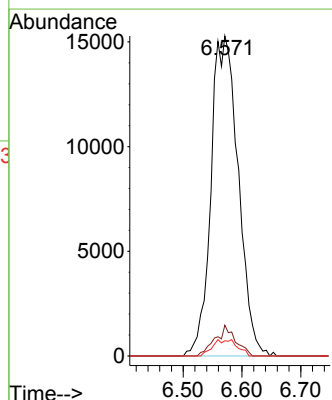
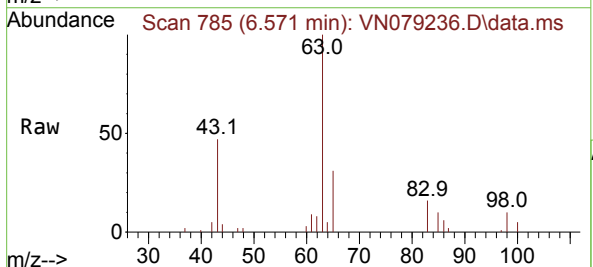
Instrument :
 MSVOA_N
 ClientSampleId :

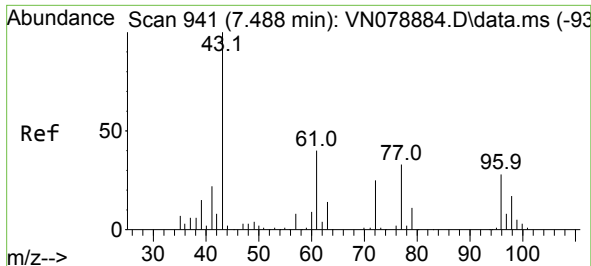
Tgt Ion: 43 Resp: 209578
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 13.298 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion: 63 Resp: 49213
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.9 11.7
 100 4.8 2.5 7.4

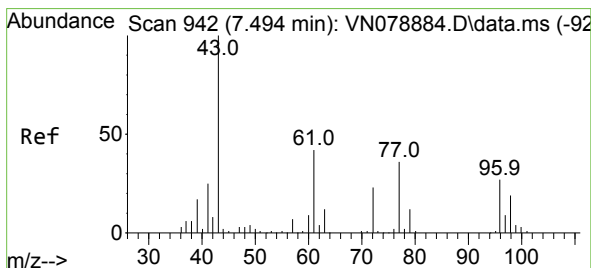
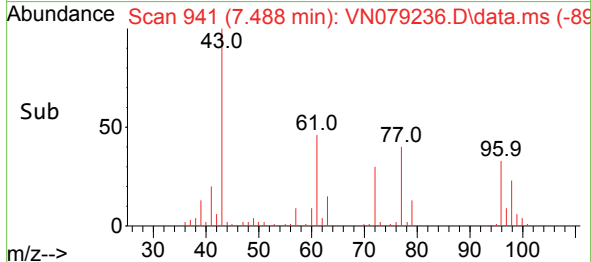
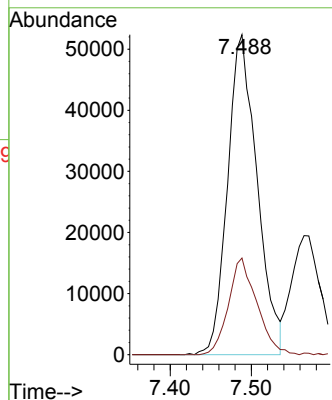
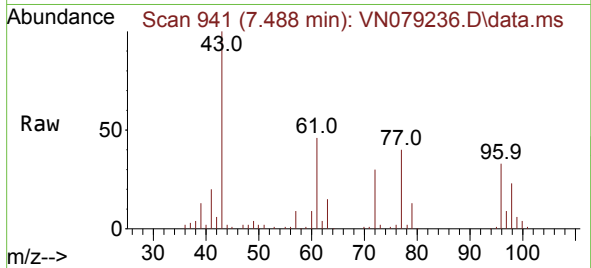




#25
2-Butanone
Concen: 99.018 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

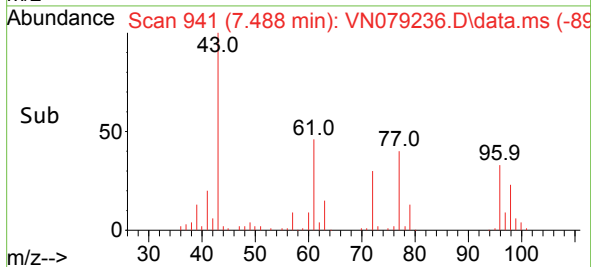
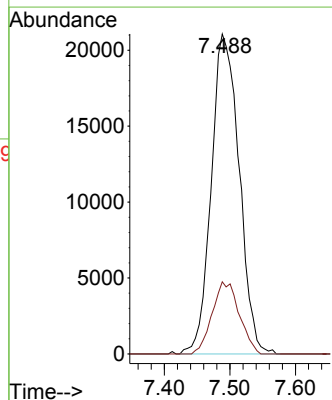
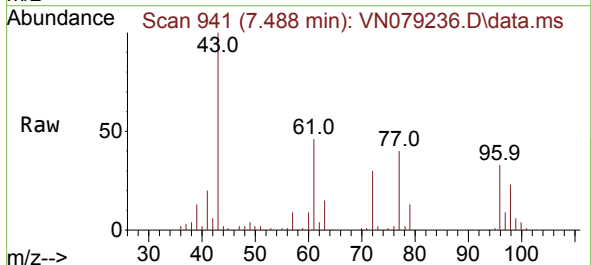
Instrument :
MSVOA_N
ClientSampleId :

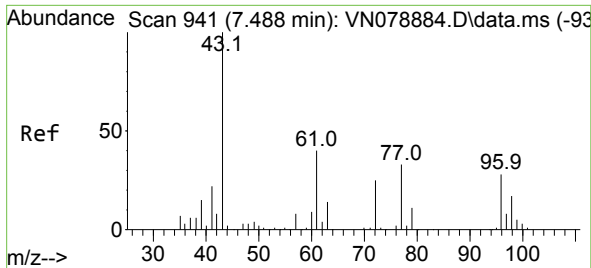
Tgt Ion: 43 Resp: 132453
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 20.438 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

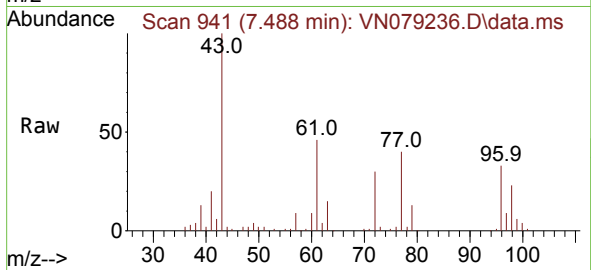
Tgt Ion: 77 Resp: 62067
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6



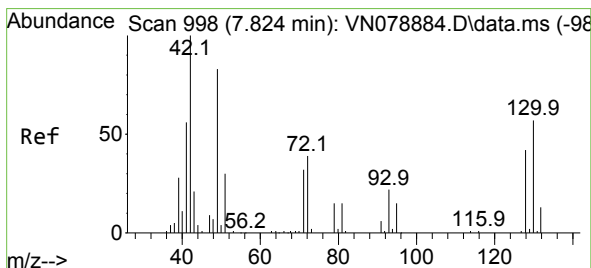
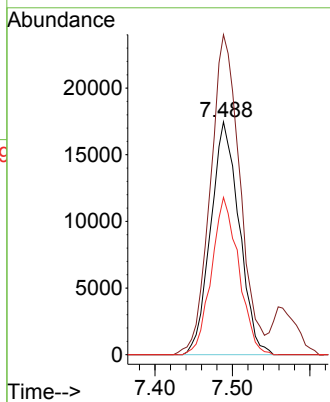
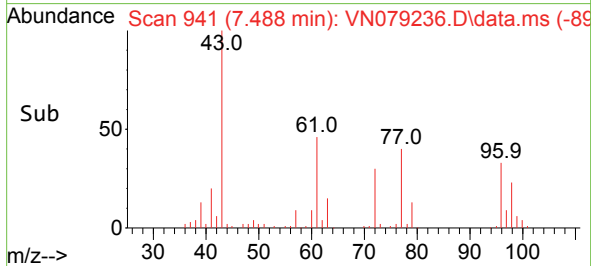


#27
 cis-1,2-Dichloroethene
 Concen: 19.615 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Instrument :
 MSVOA_N
 ClientSampleId :

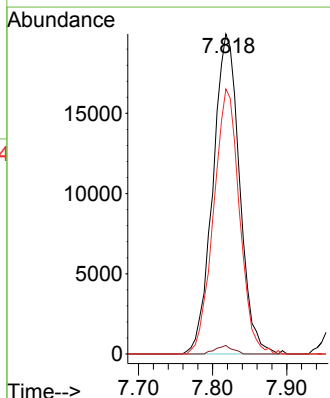
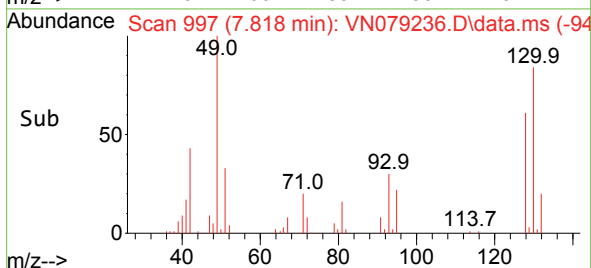
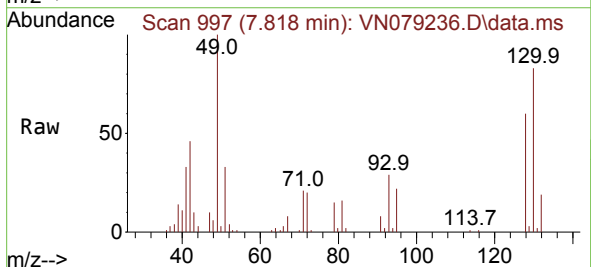


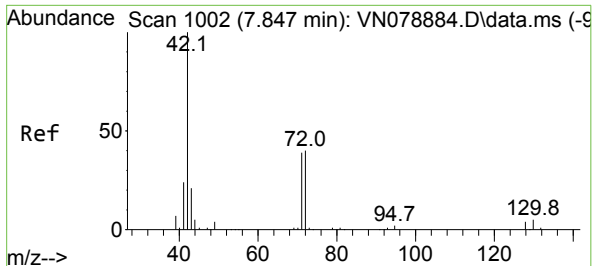
Tgt Ion: 96 Resp: 44625
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 255.2
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 29.761 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion: 49 Resp: 49795
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 80.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.226 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

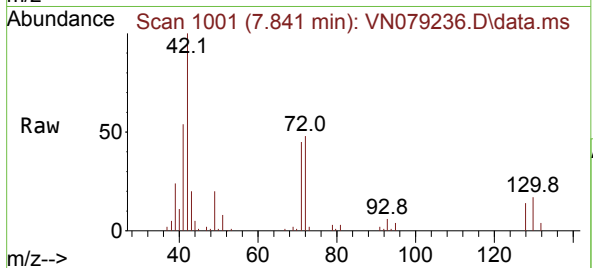
Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

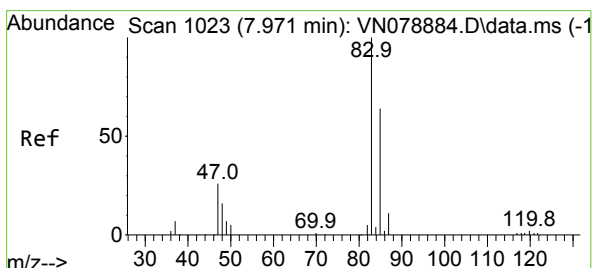
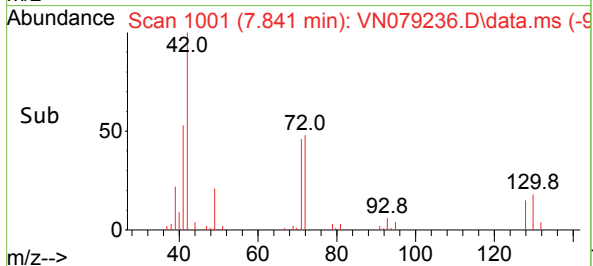
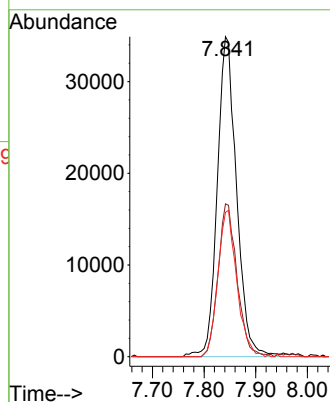
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	90426
Ion Ratio	Lower	Upper	
42	100		
72	47.1	49.8	74.6#
71	44.8	47.4	71.2#



#30

Chloroform

Concen: 20.470 ug/l

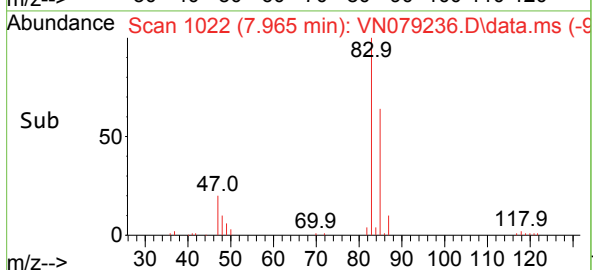
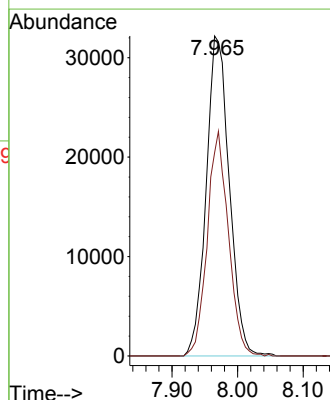
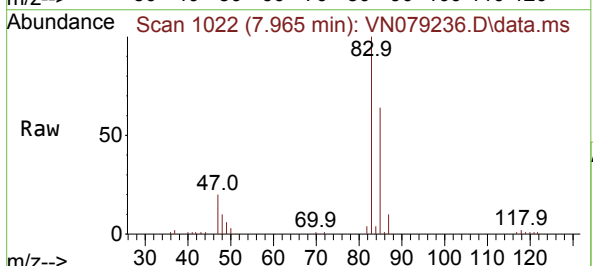
RT: 7.965 min Scan# 1022

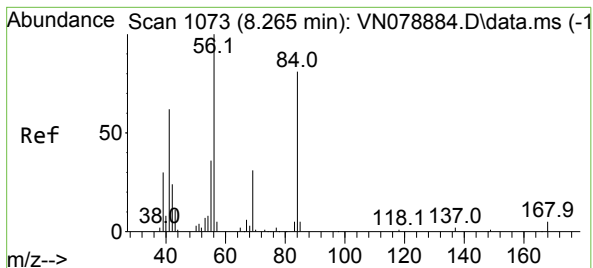
Delta R.T. -0.012 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Tgt Ion:	83	Resp:	78869
Ion Ratio	Lower	Upper	
83	100		
85	63.5	55.4	83.0





#31

Cyclohexane

Concen: 18.488 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

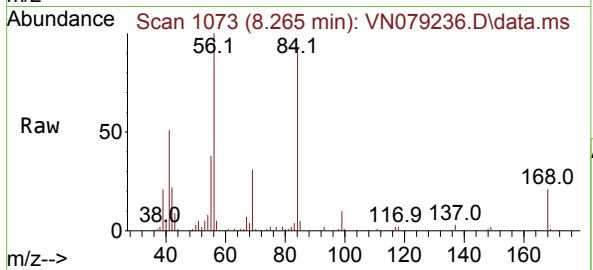
Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :



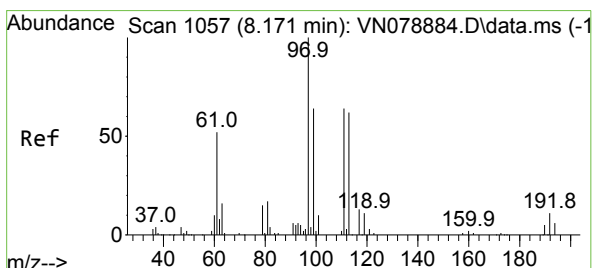
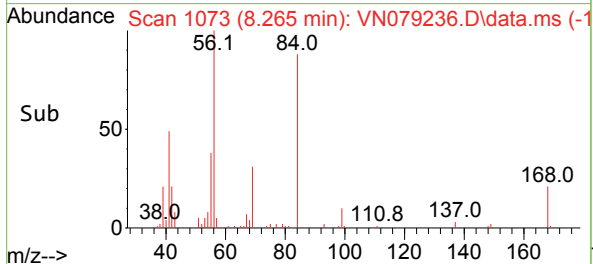
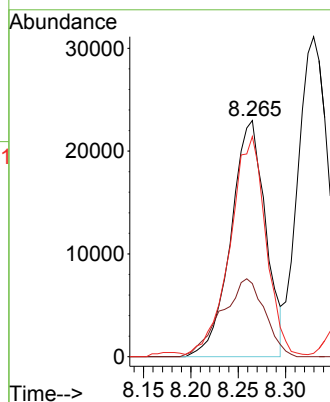
Tgt Ion: 56 Resp: 58599

Ion Ratio Lower Upper

56 100

69 30.9 26.8 40.2

84 91.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.604 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

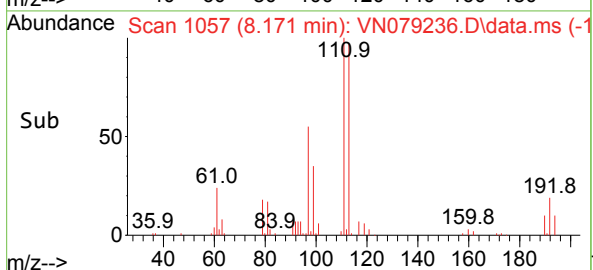
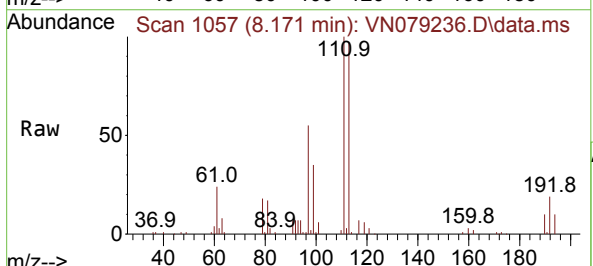
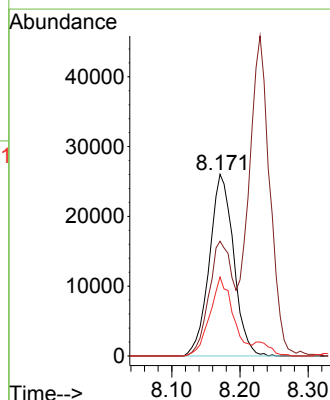
Tgt Ion: 97 Resp: 64388

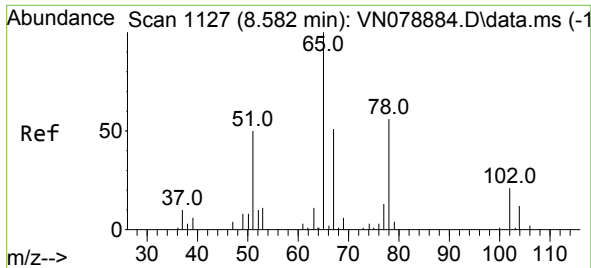
Ion Ratio Lower Upper

97 100

99 61.2 50.3 75.5

61 42.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.132 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

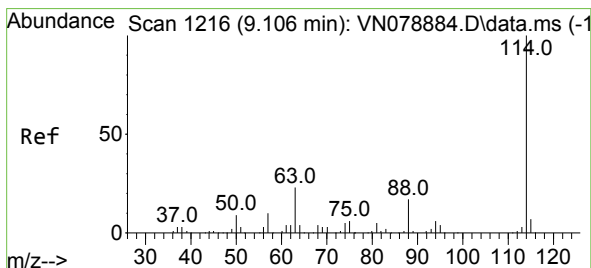
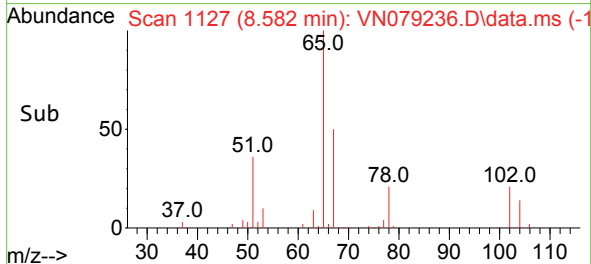
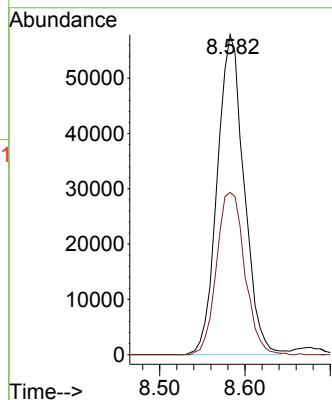
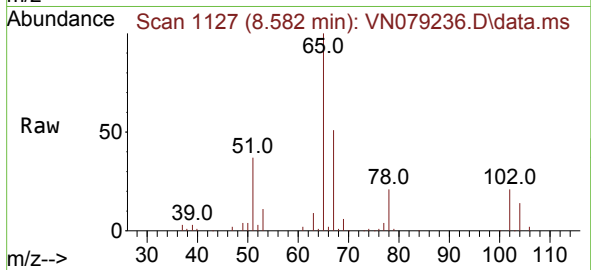
ClientSampleId :

Tgt Ion: 65 Resp: 126192

Ion Ratio Lower Upper

65 100

67 53.5 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: VN079236.D

Acq: 12 Sep 2023 15:29

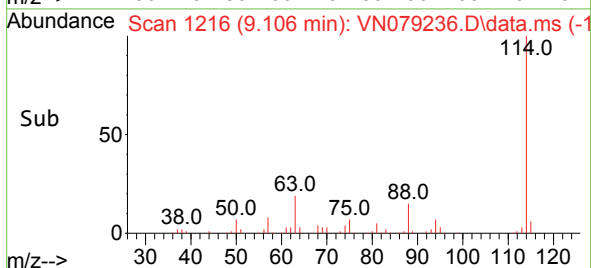
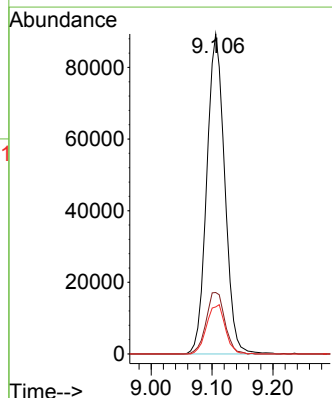
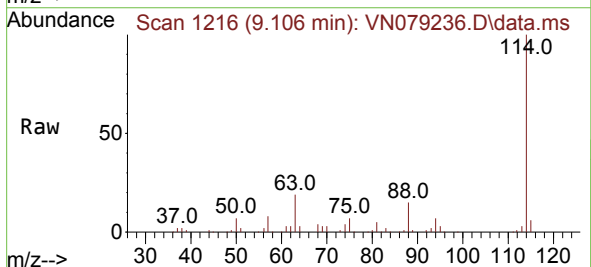
Tgt Ion: 114 Resp: 182624

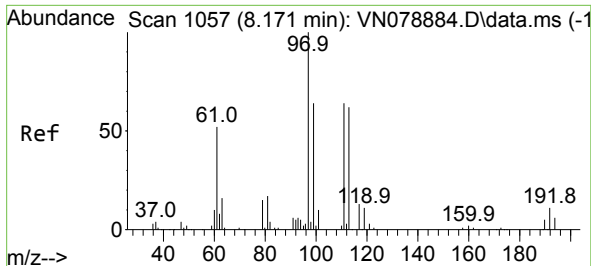
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

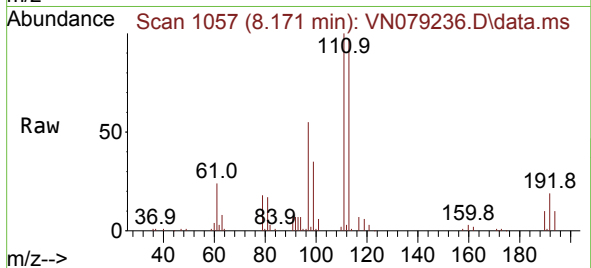
88 14.7 0.0 30.6



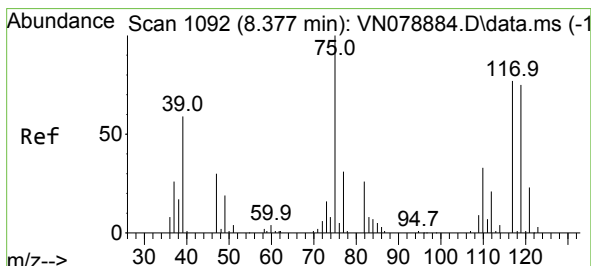
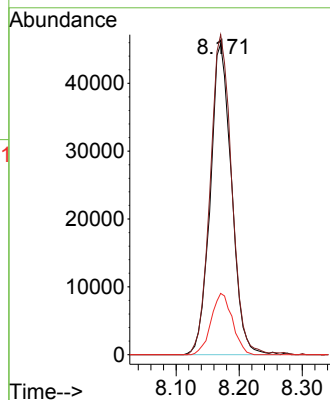
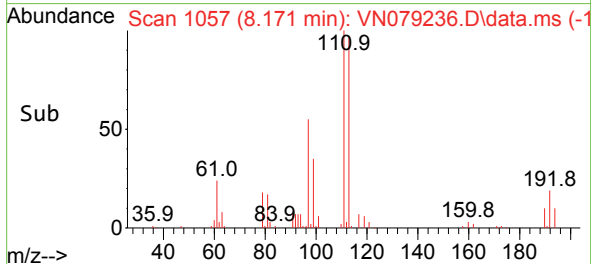


#35
Dibromofluoromethane
Concen: 88.051 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

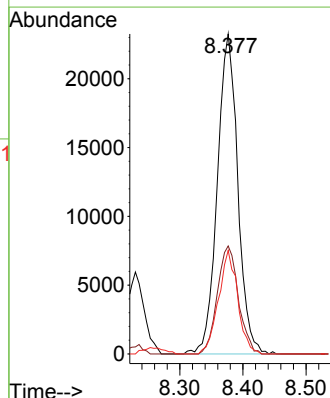
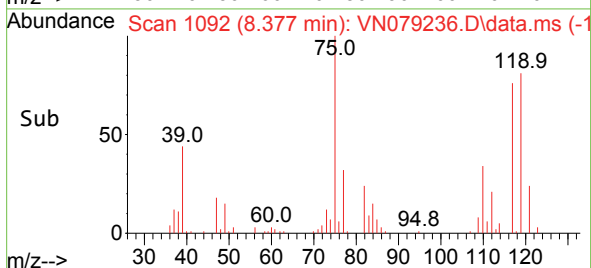
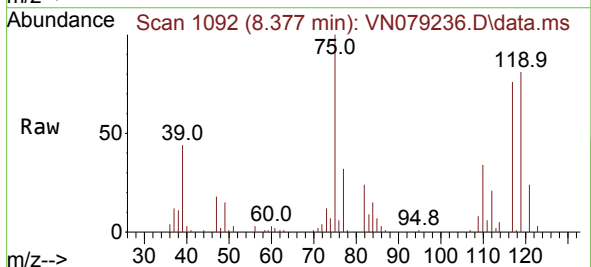


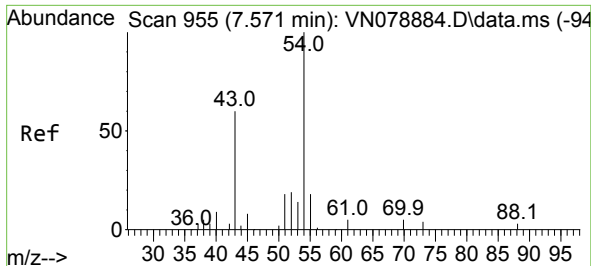
Tgt Ion:113 Resp: 106963
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 19.7 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 27.992 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 75 Resp: 52413
Ion Ratio Lower Upper
75 100
110 34.6 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 26.834 ug/l

RT: 7.565 min Scan# 9

Delta R.T. -0.006 min

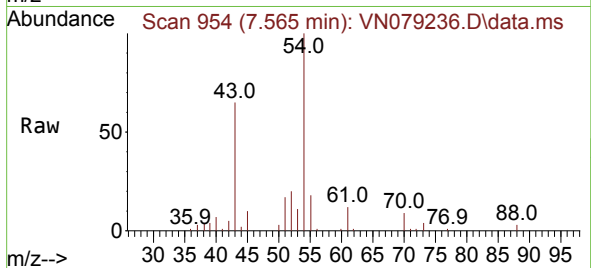
Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

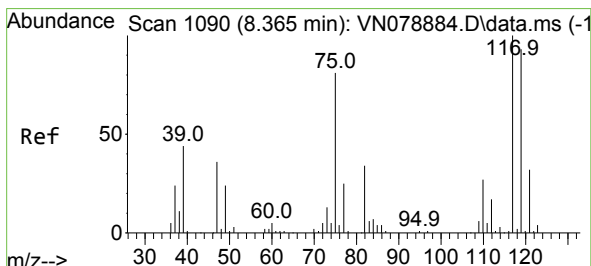
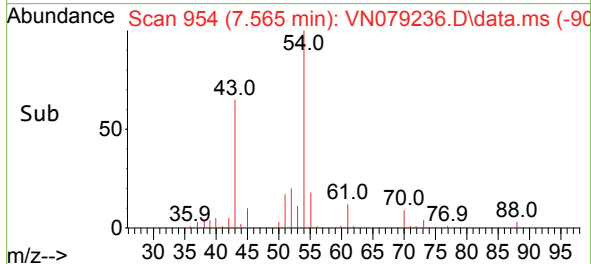
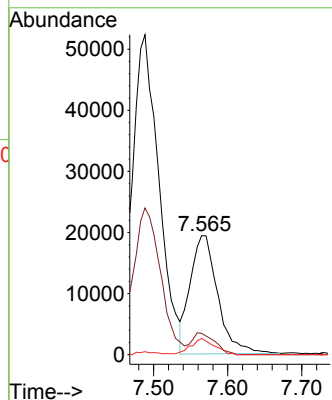
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 50116
Ion Ratio	Lower Upper
43	100
61	15.6 13.2 19.8
70	11.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 28.625 ug/l

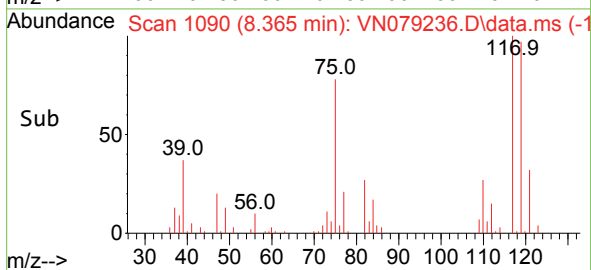
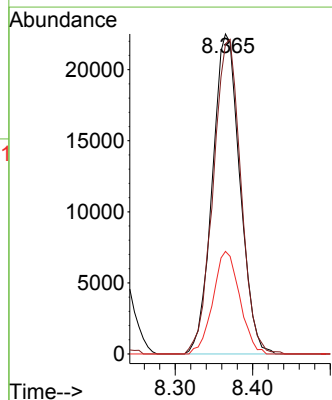
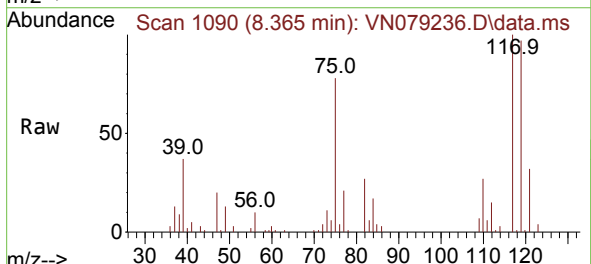
RT: 8.365 min Scan# 1090

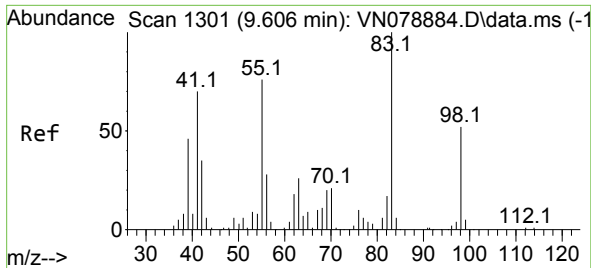
Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Tgt Ion: 117	Resp: 55465
Ion Ratio	Lower Upper
117	100
119	96.9 77.3 115.9
121	32.1 23.3 34.9





#39

Methylcyclohexane

Concen: 20.750 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

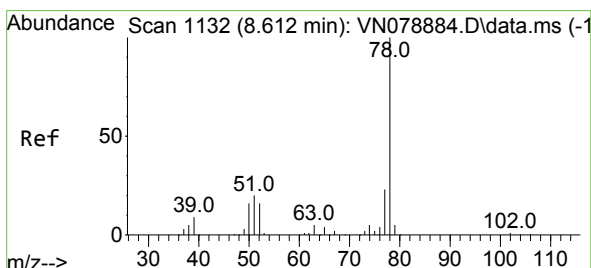
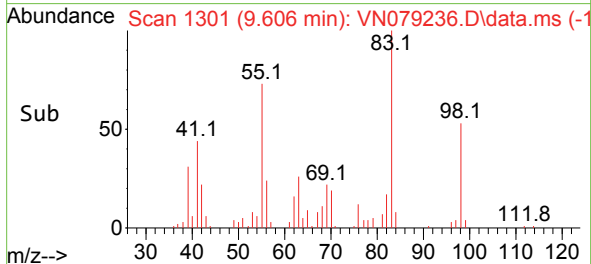
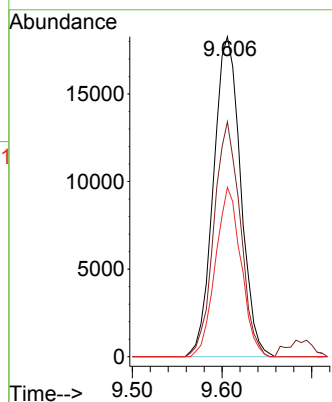
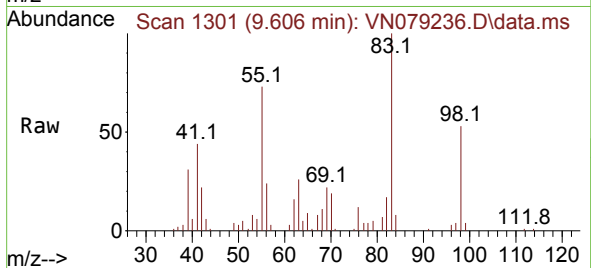
Tgt Ion: 83 Resp: 38325

Ion Ratio Lower Upper

83 100

55 73.4 49.1 73.7

98 52.9 40.6 61.0



#40

Benzene

Concen: 27.955 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079236.D

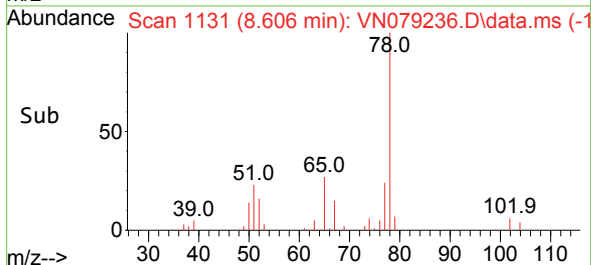
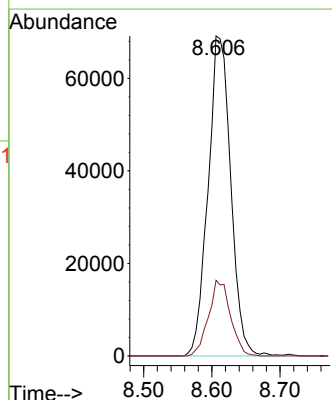
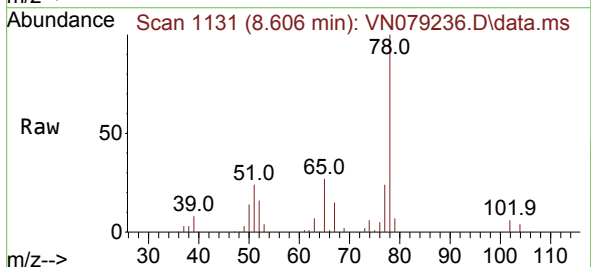
Acq: 12 Sep 2023 15:29

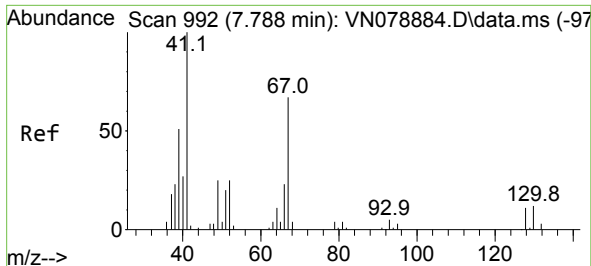
Tgt Ion: 78 Resp: 160235

Ion Ratio Lower Upper

78 100

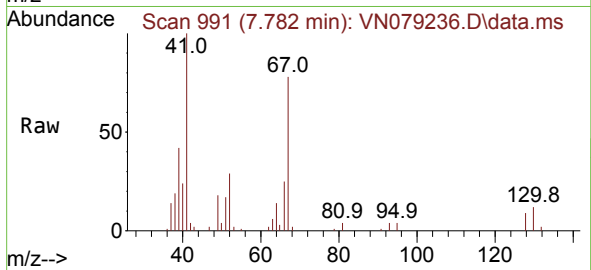
77 23.6 19.0 28.6



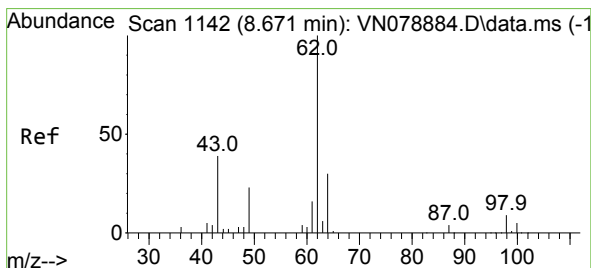
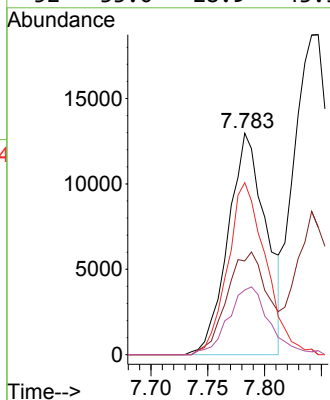
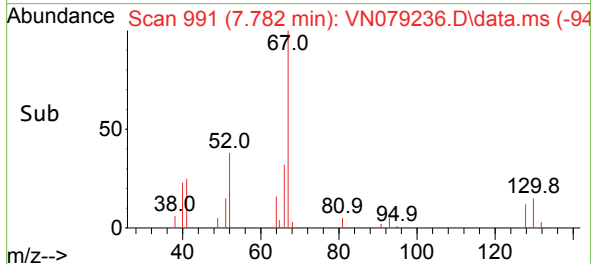


#41
Methacrylonitrile
Concen: 32.024 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

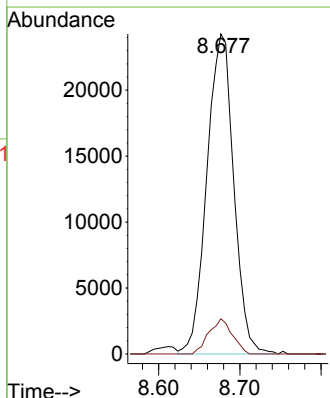
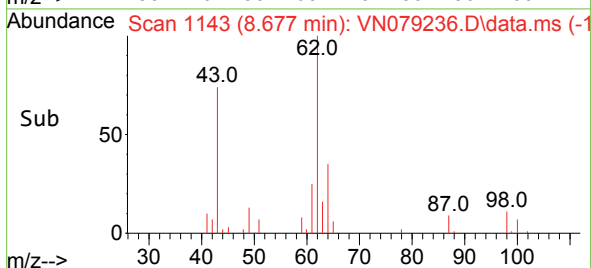
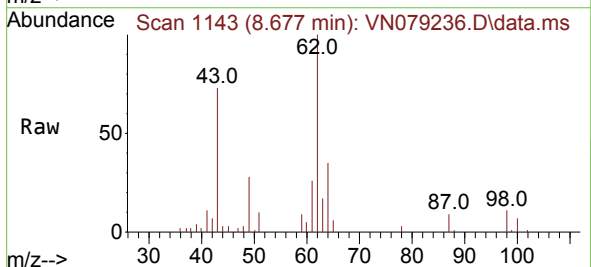


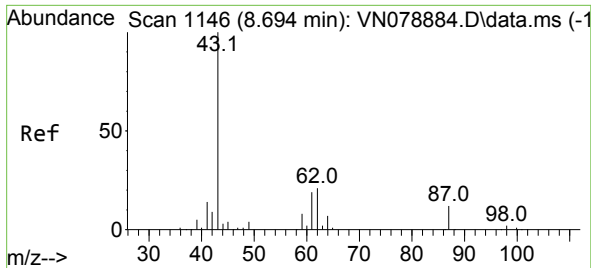
Tgt Ion: 41	Resp: 30156
Ion Ratio	Lower Upper
41 100	
39 49.8	42.6 64.0
67 77.9	77.5 116.3
52 33.0	28.9 43.3



#42
1,2-Dichloroethane
Concen: 28.264 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 62	Resp: 55773
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 19.8

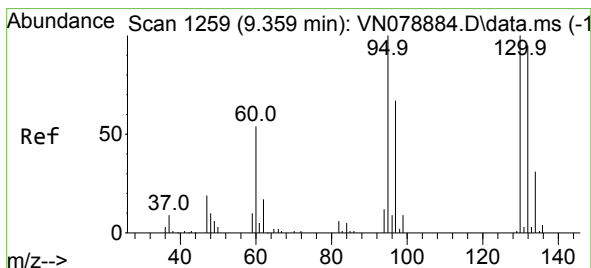
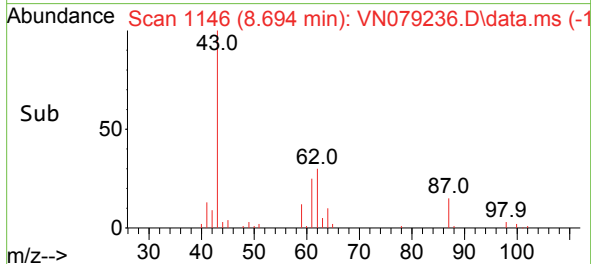
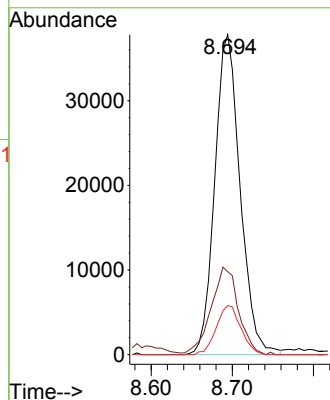
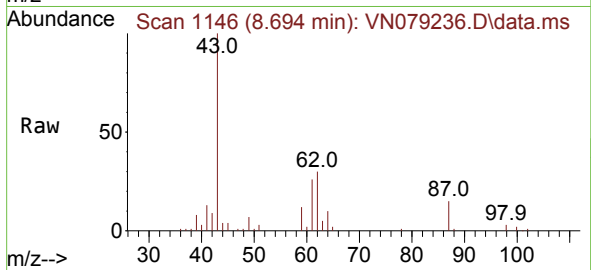




#43
Isopropyl Acetate
Concen: 26.913 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

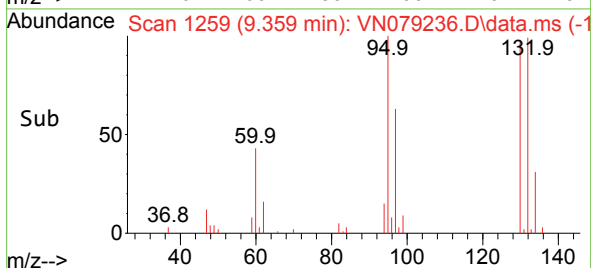
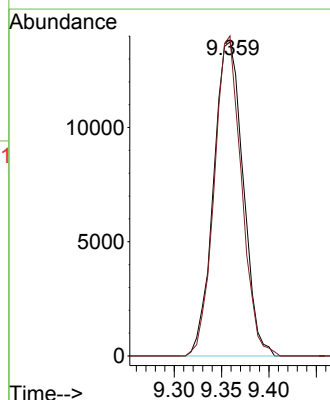
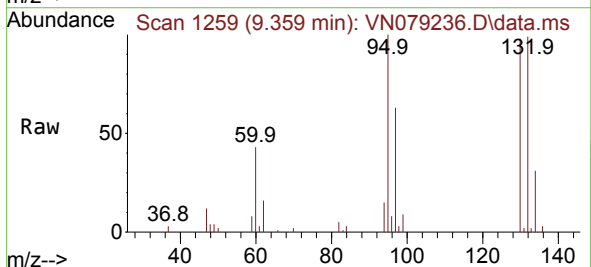
Instrument :
MSVOA_N
ClientSampleId :

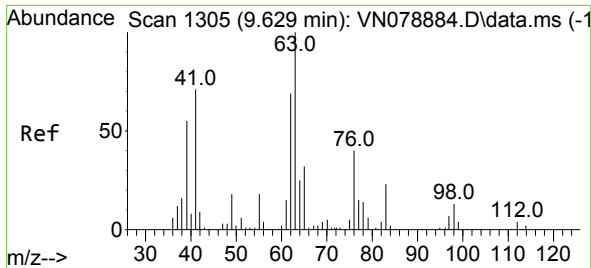
Tgt Ion: 43 Resp: 82014
Ion Ratio Lower Upper
43 100
61 29.6 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 21.110 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:130 Resp: 29808
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6

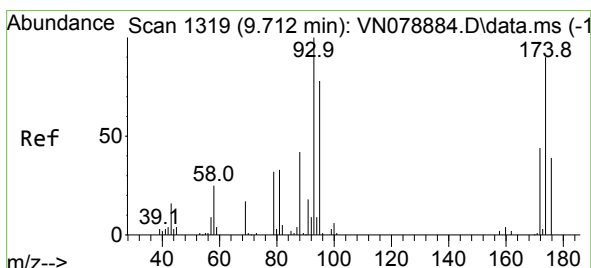
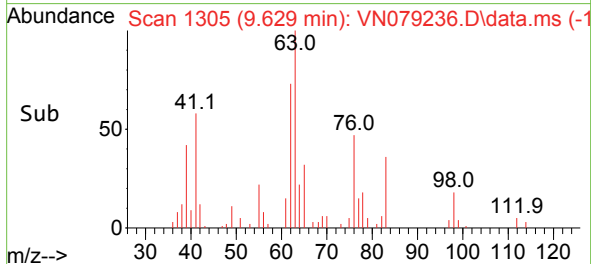
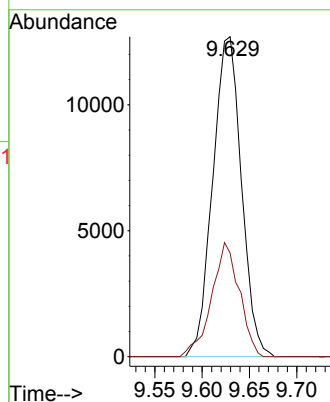
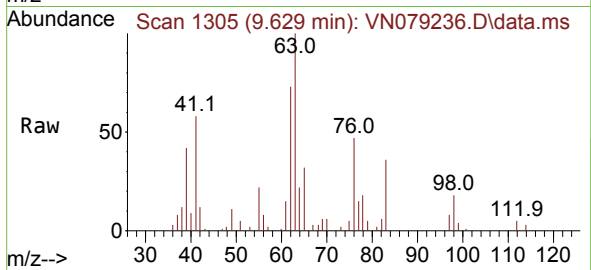




#45
1,2-Dichloropropane
Concen: 18.792 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

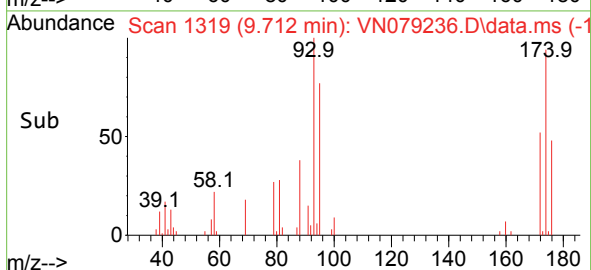
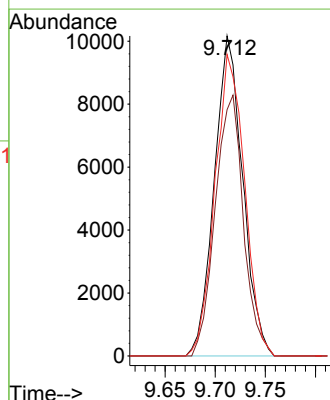
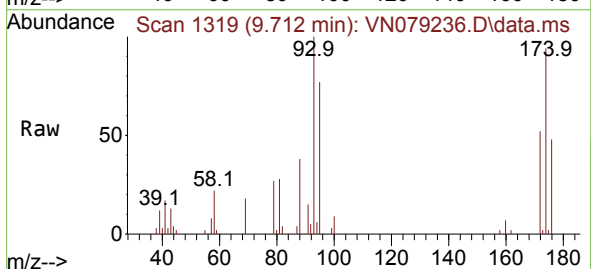
Instrument :
MSVOA_N
ClientSampleId :

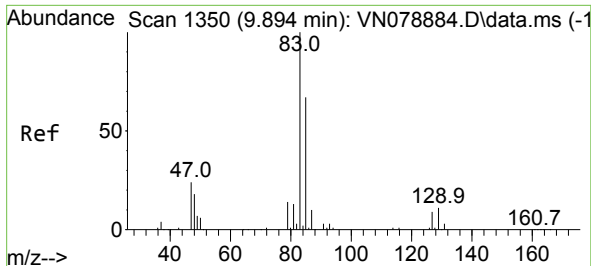
Tgt Ion: 63 Resp: 26733
Ion Ratio Lower Upper
63 100
65 32.4 23.9 35.9



#46
Dibromomethane
Concen: 20.767 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 93 Resp: 20055
Ion Ratio Lower Upper
93 100
95 80.8 63.8 95.8
174 97.9 65.6 98.4

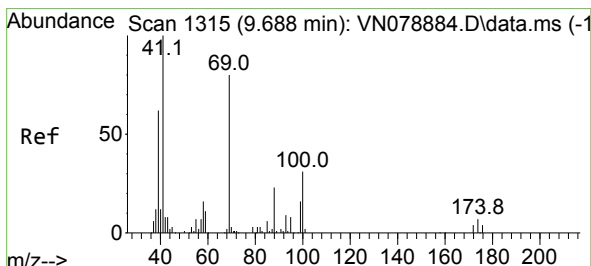
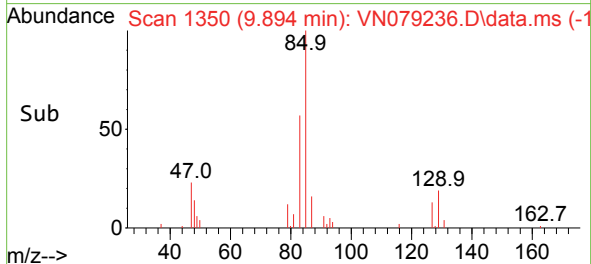
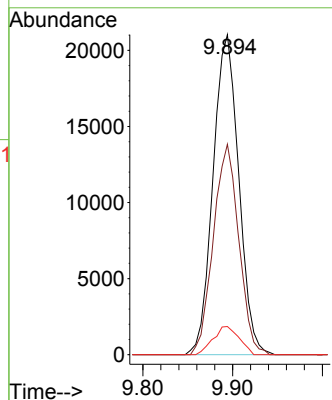
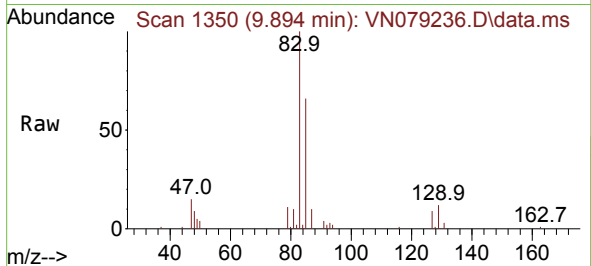




#47
Bromodichloromethane
Concen: 21.131 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

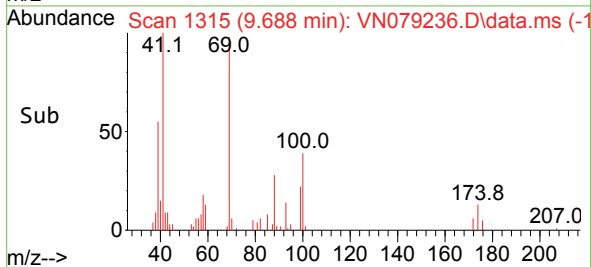
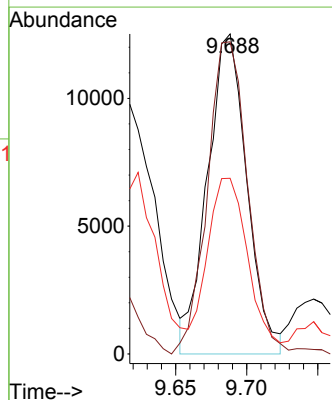
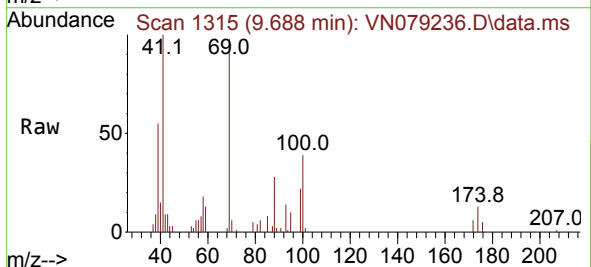
Instrument :
MSVOA_N
ClientSampleId :

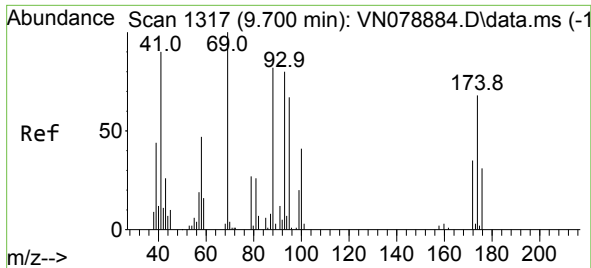
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.6	74.4
127	8.8	7.0	10.6



#48
Methyl methacrylate
Concen: 17.644 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.6	90.4	135.6
39	57.0	54.6	81.8

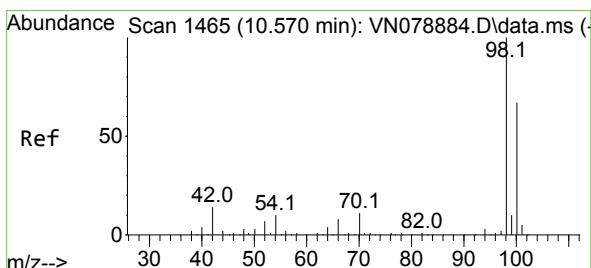
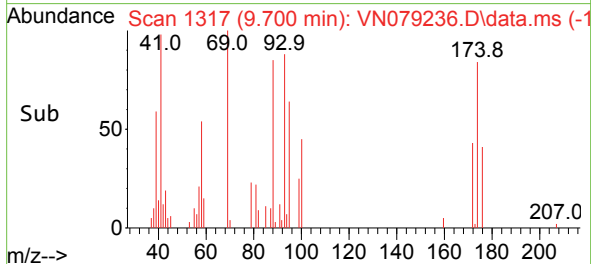
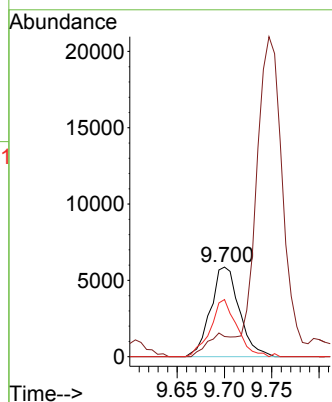
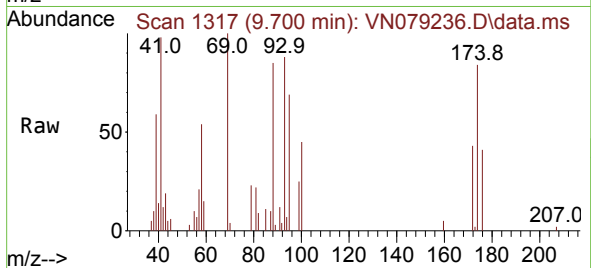




#49
1,4-Dioxane
Concen: 440.784 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

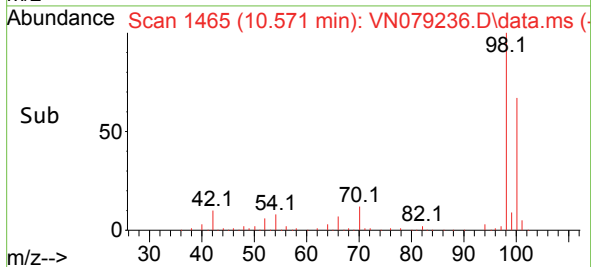
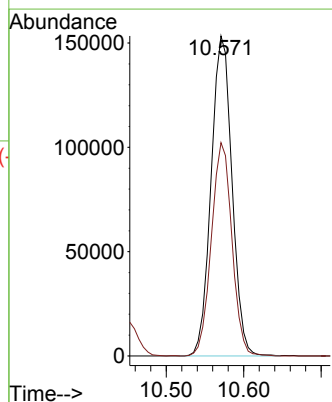
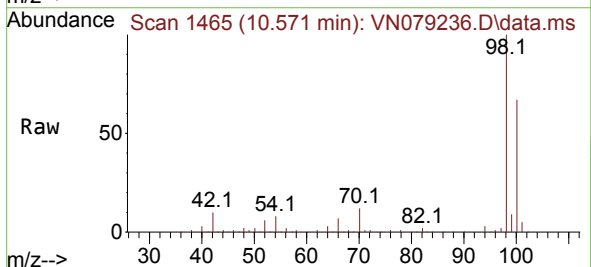
Instrument :
MSVOA_N
ClientSampleId :

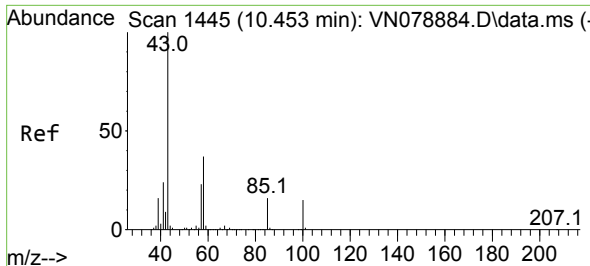
Tgt Ion: 88 Resp: 12375
Ion Ratio Lower Upper
88 100
43 20.4 17.0 25.6
58 59.1 47.0 70.4



#50
Toluene-d8
Concen: 64.542 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

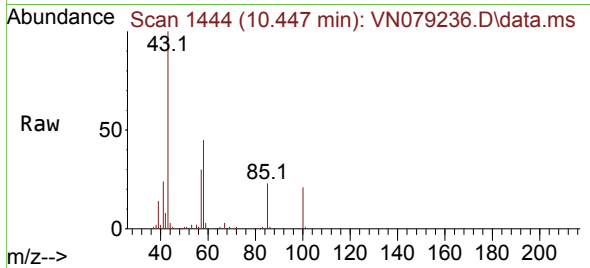
Tgt Ion: 98 Resp: 287889
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



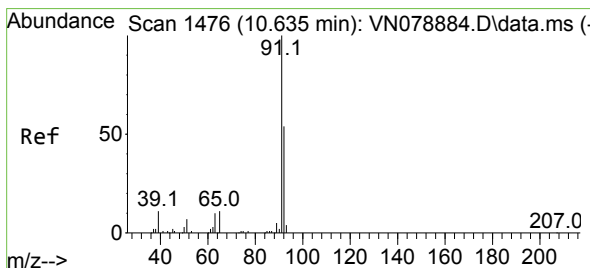
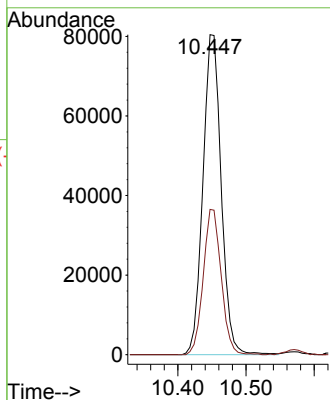
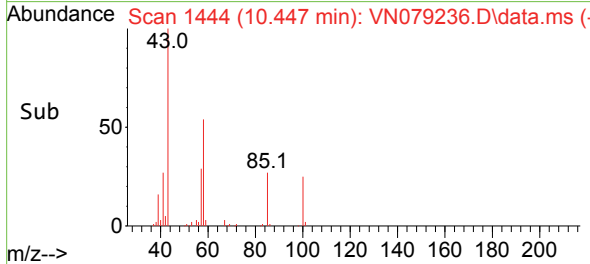


#51
4-Methyl-2-Pentanone
Concen: 84.961 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :

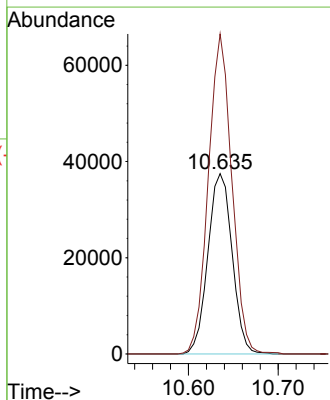
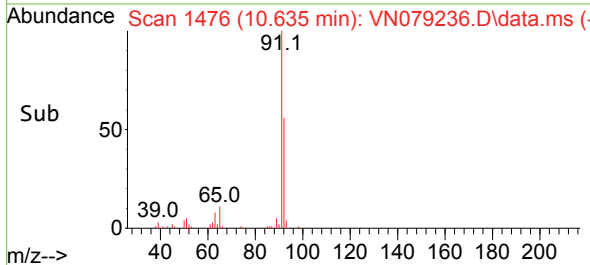
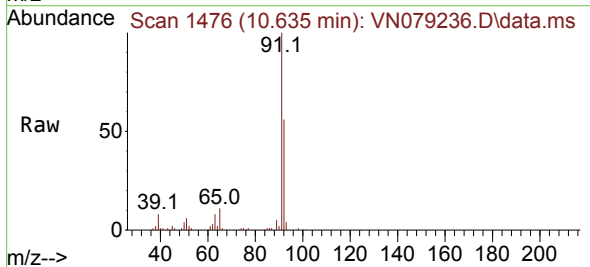


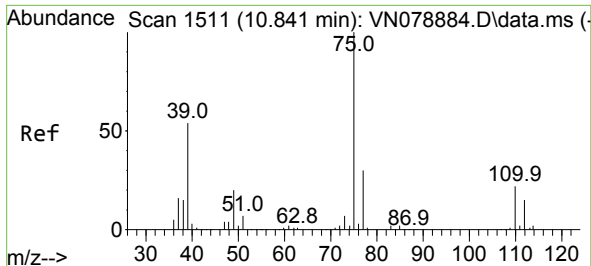
Tgt Ion: 43 Resp: 150293
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8



#52
Toluene
Concen: 19.991 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 92 Resp: 70422
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0

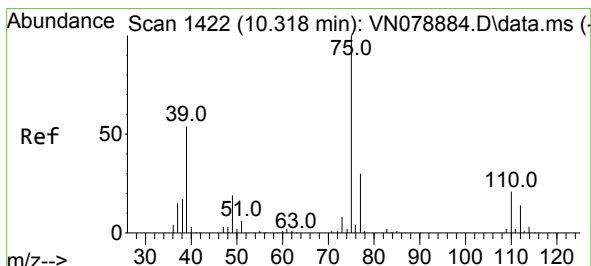
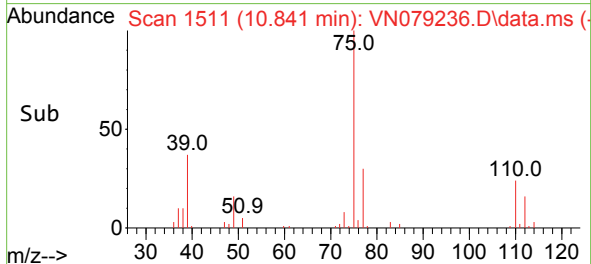
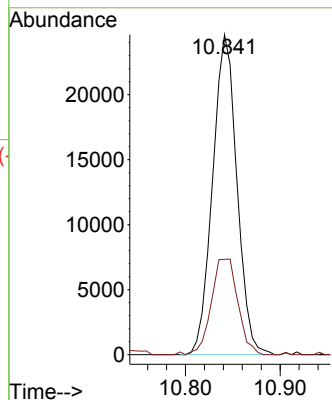
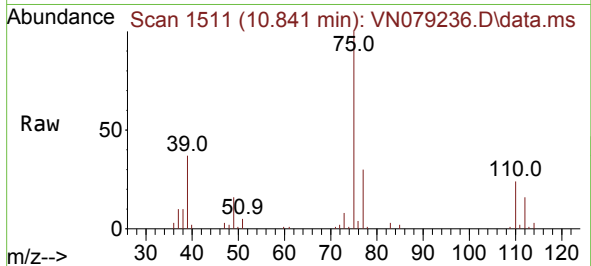




#53
 t-1,3-Dichloropropene
 Concen: 21.027 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

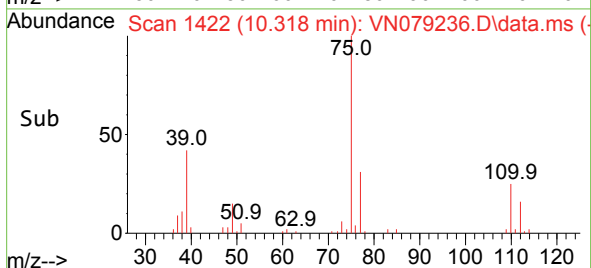
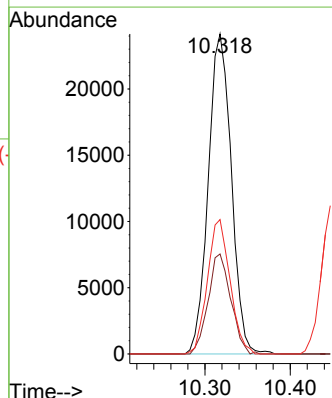
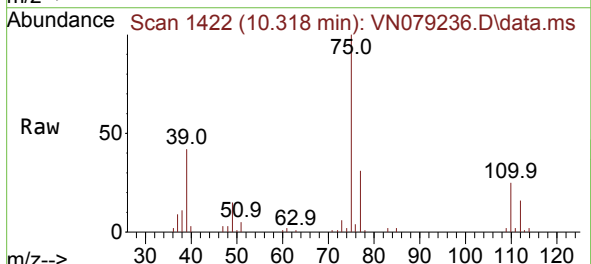
Instrument :
 MSVOA_N
 ClientSampleId :

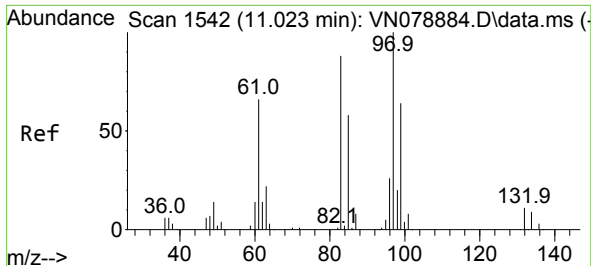
Tgt Ion: 75 Resp: 43854
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.358 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion: 75 Resp: 45413
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 42.0 31.6 47.4

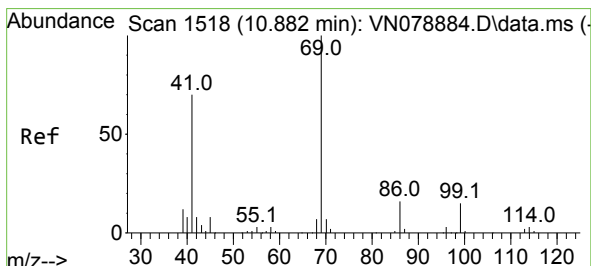
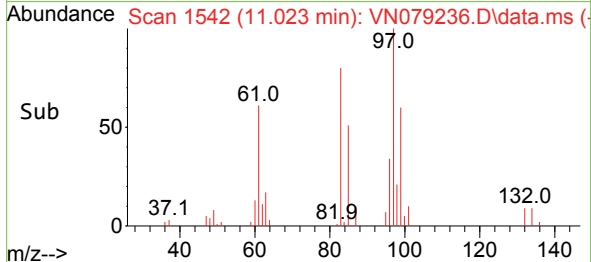
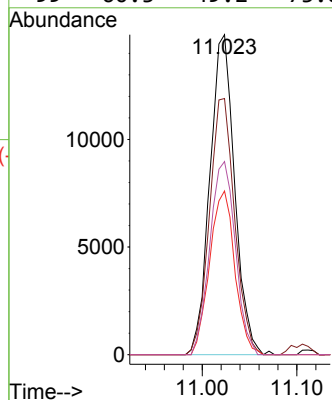
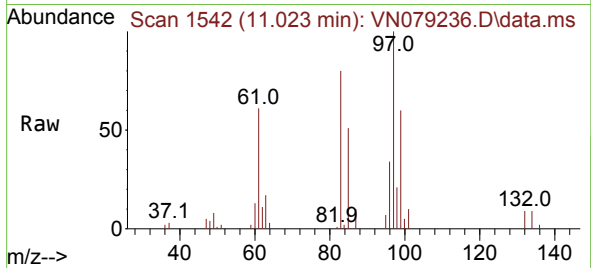




#55
1,1,2-Trichloroethane
Concen: 19.561 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

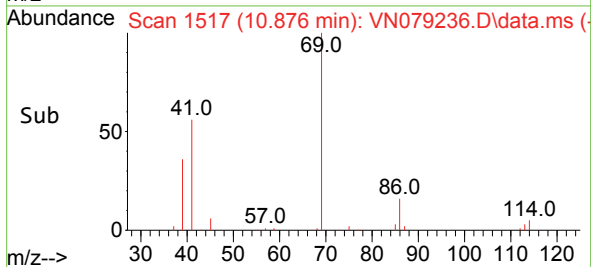
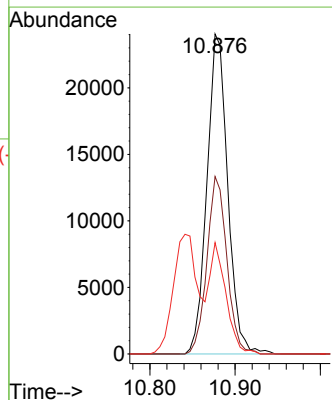
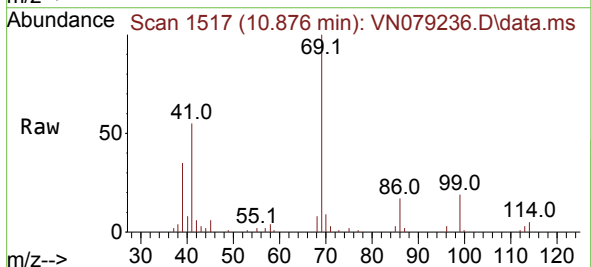
Instrument :
MSVOA_N
ClientSampleId :

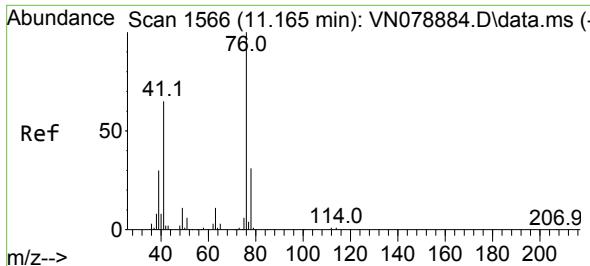
Tgt Ion:	97	Resp:	27038
Ion	Ratio	Lower	Upper
97	100		
83	80.1	65.1	97.7
85	51.2	43.4	65.2
99	60.3	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.886 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:	69	Resp:	40752
Ion	Ratio	Lower	Upper
69	100		
41	53.3	39.6	59.4
39	27.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.426 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

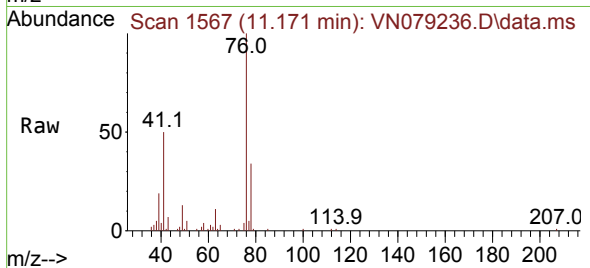
Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

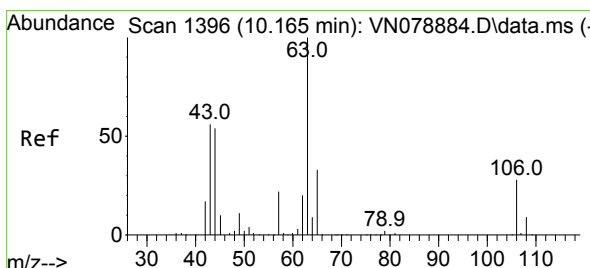
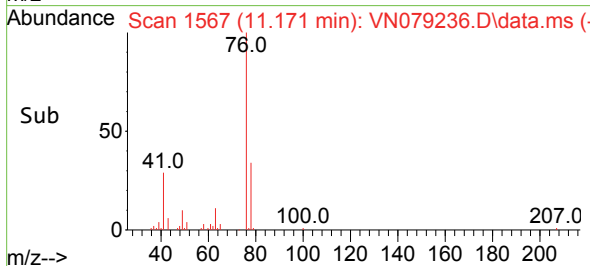
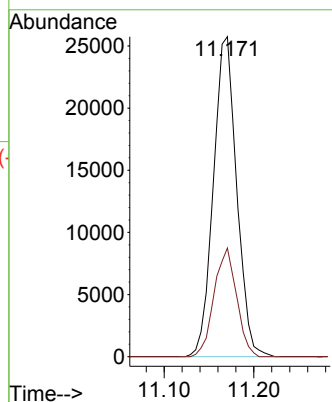


Tgt Ion: 76 Resp: 46416

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.266 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079236.D

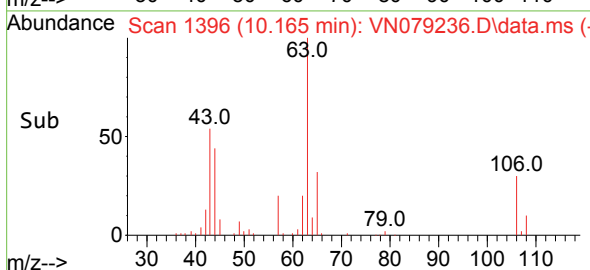
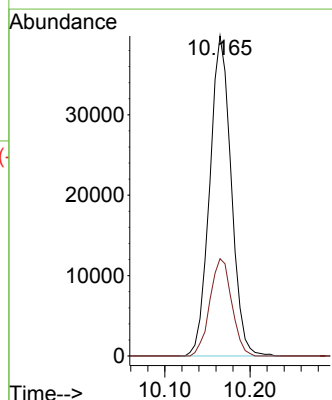
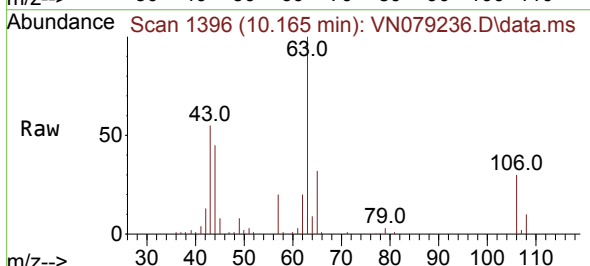
Acq: 12 Sep 2023 15:29

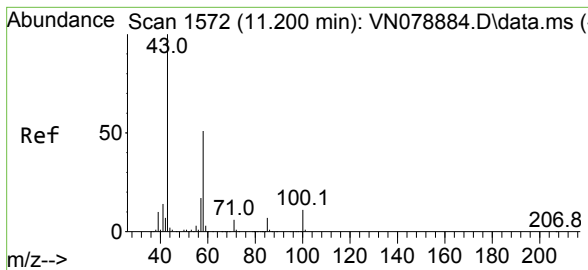
Tgt Ion: 63 Resp: 69636

Ion Ratio Lower Upper

63 100

106 30.9 26.2 39.4

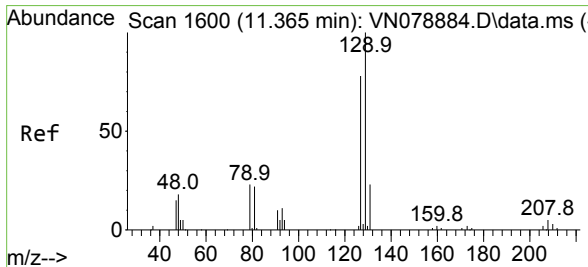
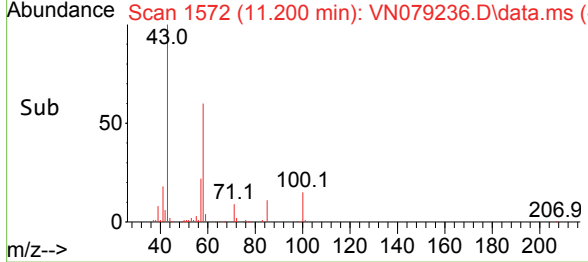
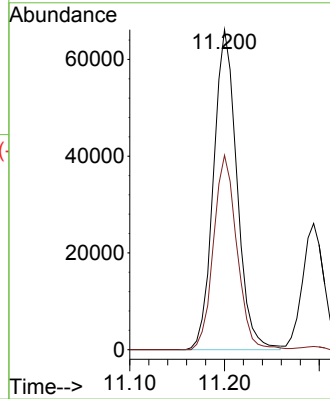
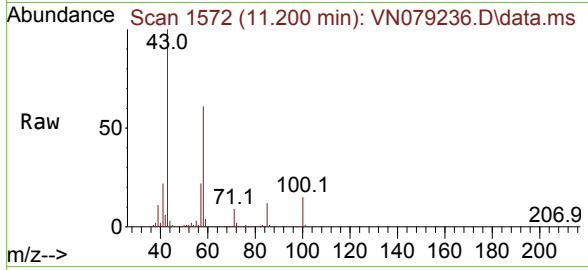




#59
2-Hexanone
Concen: 88.629 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

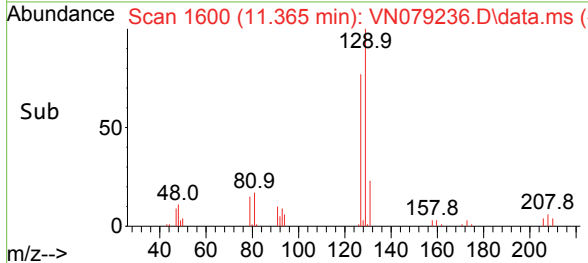
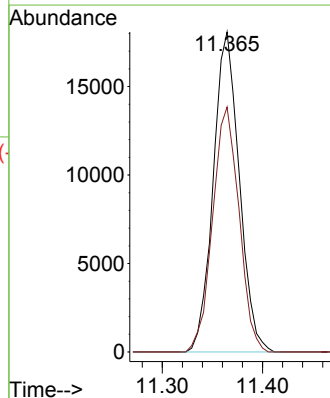
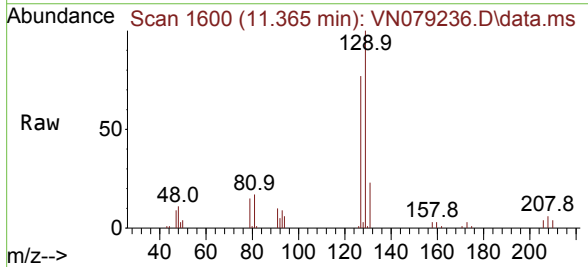
Instrument :
MSVOA_N
ClientSampleId :

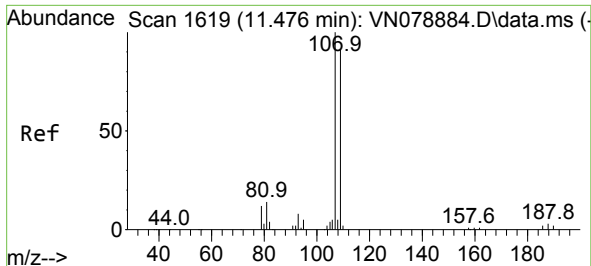
Tgt Ion: 43 Resp: 113555
Ion Ratio Lower Upper
43 100
58 60.5 31.7 95.1



#60
Dibromochloromethane
Concen: 22.142 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:129 Resp: 32572
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

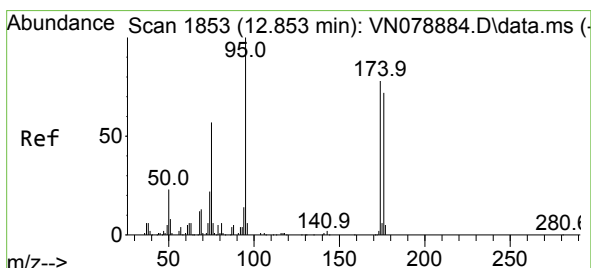
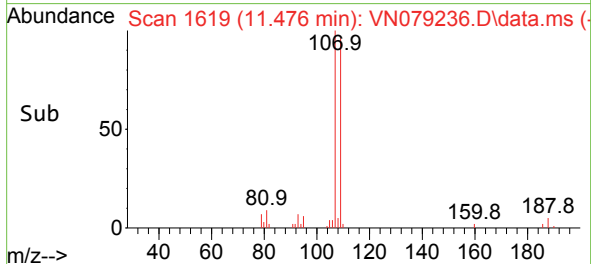
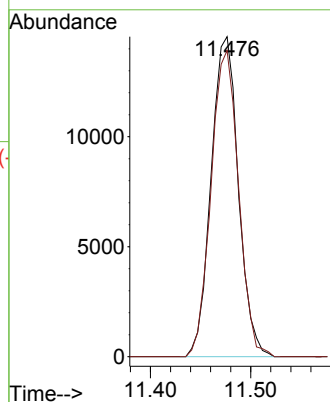
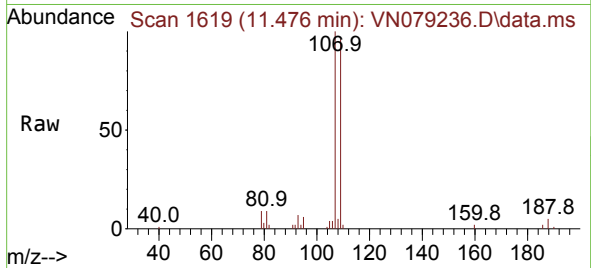




#61
1,2-Dibromoethane
Concen: 19.881 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

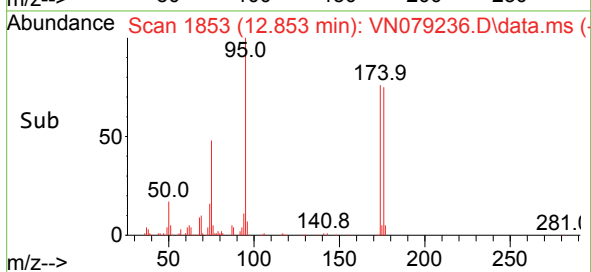
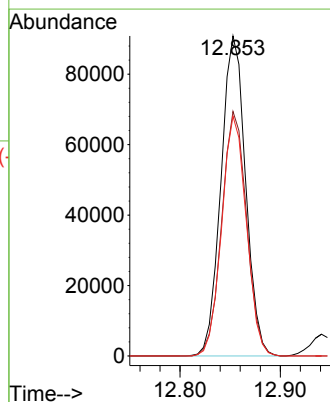
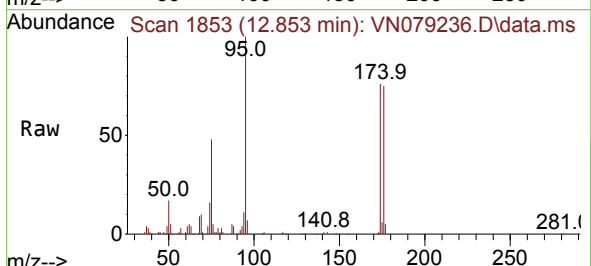
Instrument :
MSVOA_N
ClientSampleId :

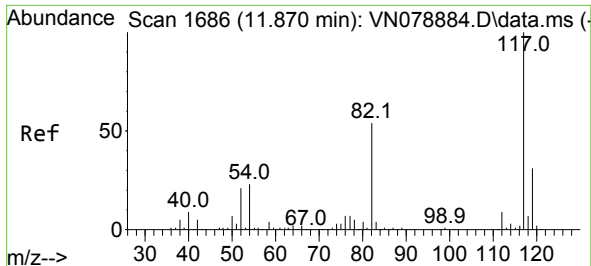
Tgt Ion:107 Resp: 27424
Ion Ratio Lower Upper
107 100
109 96.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 108.760 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 95 Resp: 154744
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.9 0.0 135.8

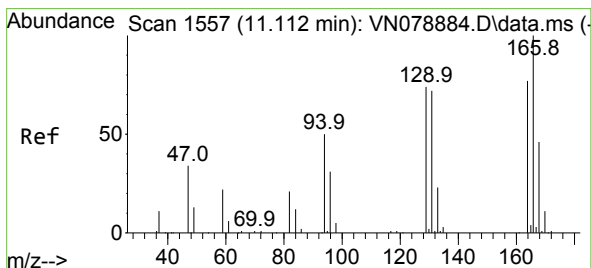
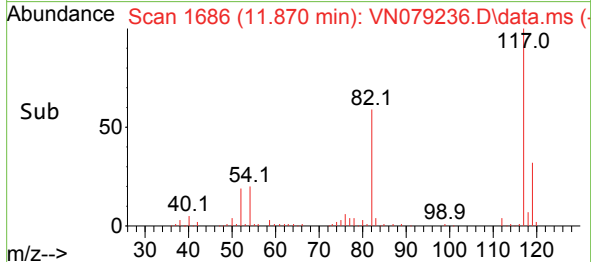
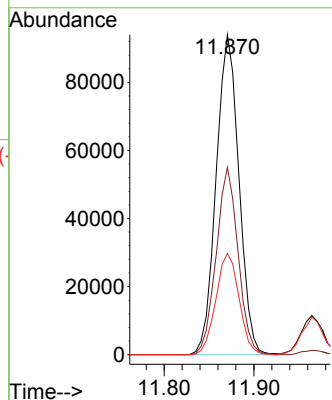
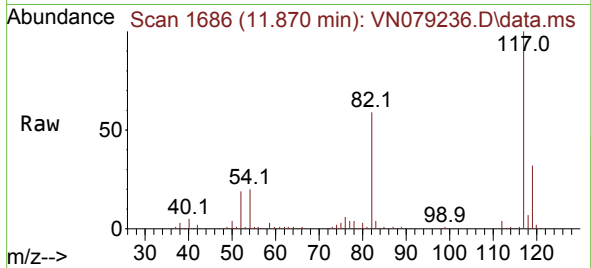




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

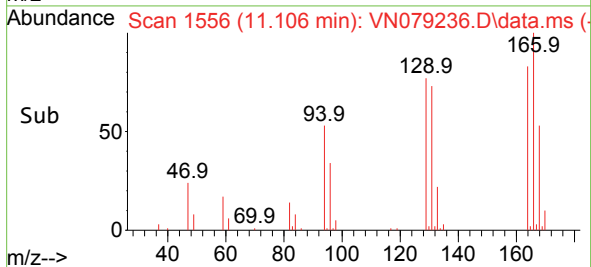
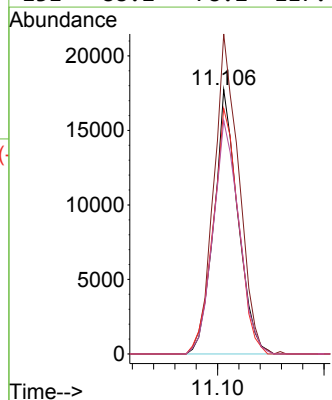
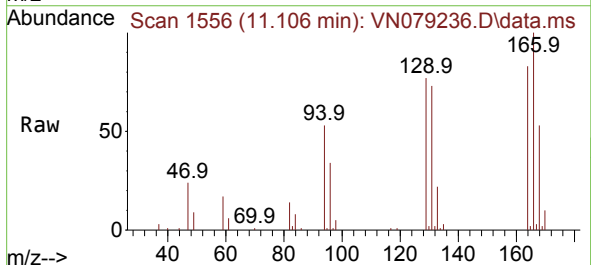
Instrument :
MSVOA_N
ClientSampleId :

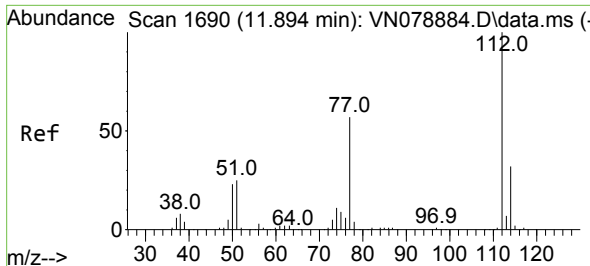
Tgt Ion:117 Resp: 165733
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 22.798 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:164 Resp: 27551
Ion Ratio Lower Upper
164 100
166 121.0 101.4 152.0
129 92.8 82.4 123.6
131 88.2 78.2 117.4

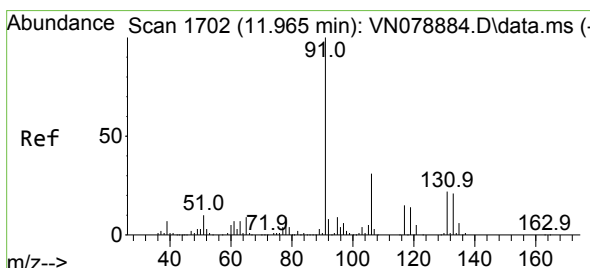
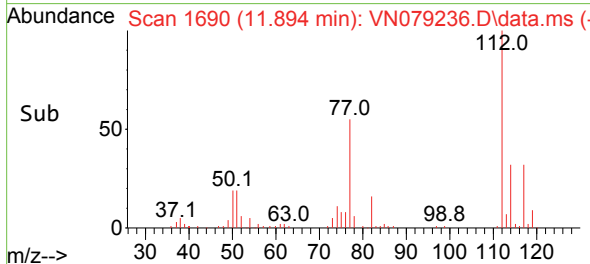
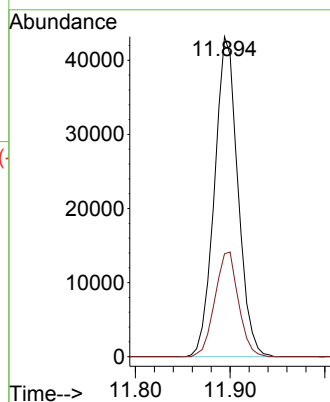
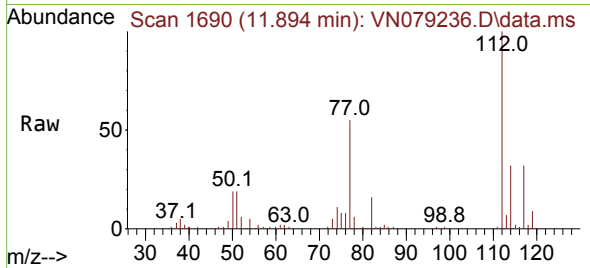




#65
Chlorobenzene
Concen: 19.720 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

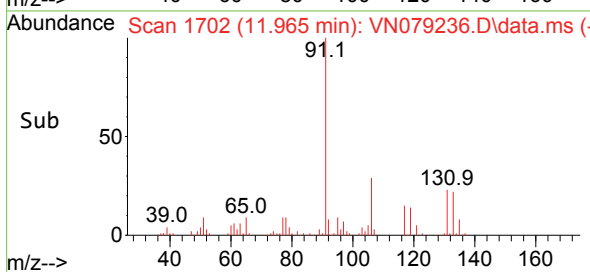
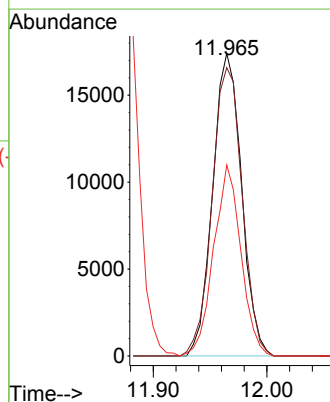
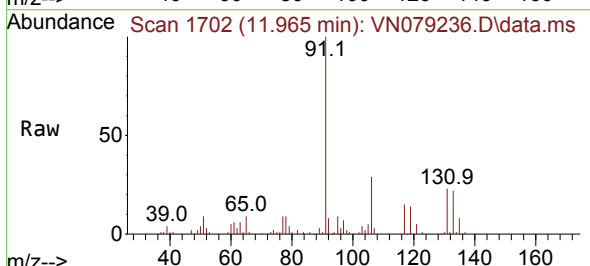
Instrument :
MSVOA_N
ClientSampleId :

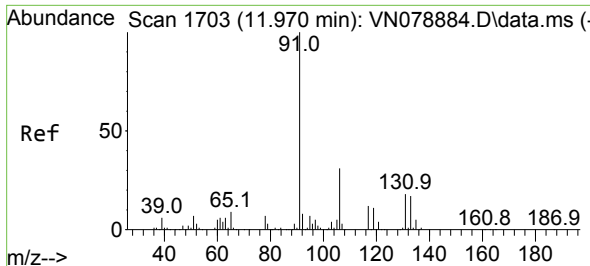
Tgt Ion:112 Resp: 74040
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.821 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:131 Resp: 30722
Ion Ratio Lower Upper
131 100
133 99.1 46.4 139.1
119 59.7 34.1 102.2

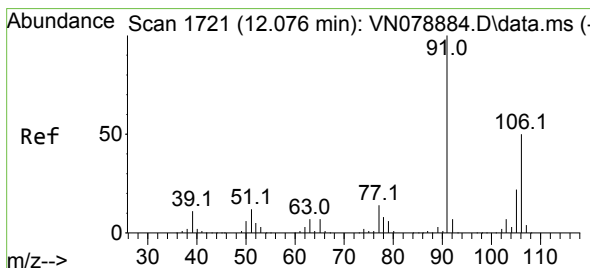
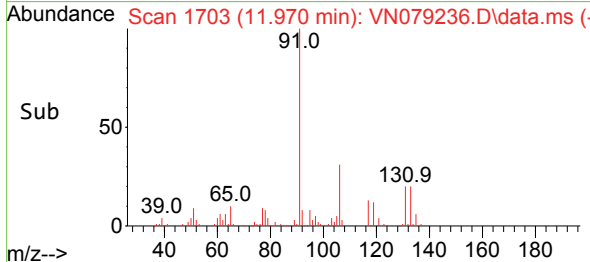
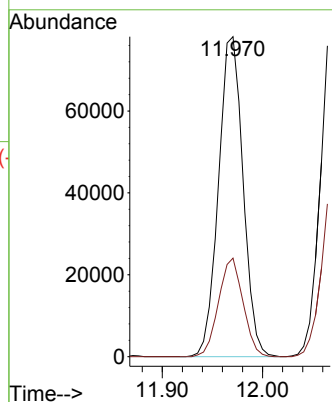
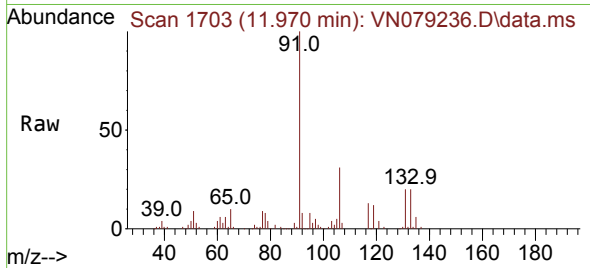




#67
Ethyl Benzene
Concen: 20.661 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

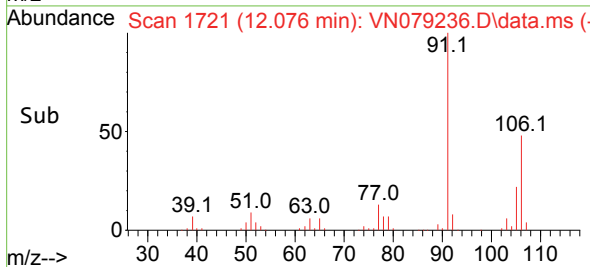
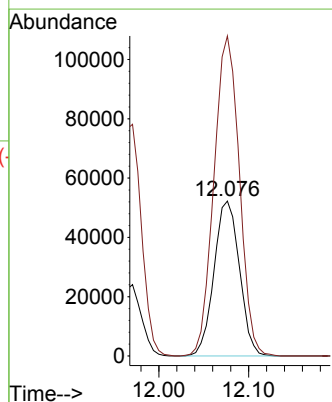
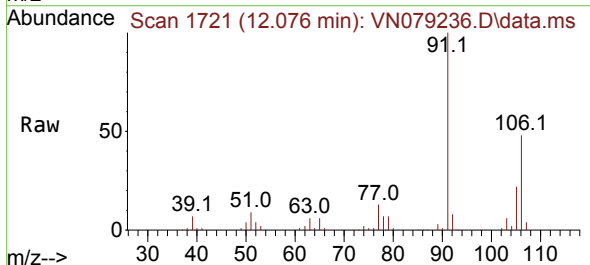
Instrument :
MSVOA_N
ClientSampleId :

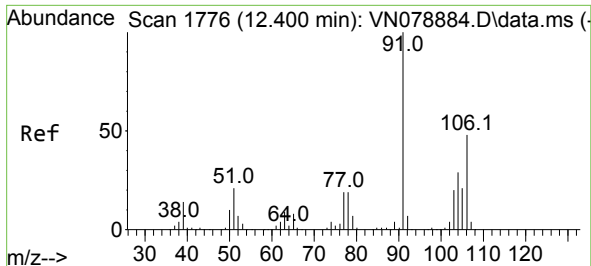
Tgt Ion: 91 Resp: 132683
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 42.937 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 106 Resp: 102778
Ion Ratio Lower Upper
106 100
91 207.1 159.6 239.4

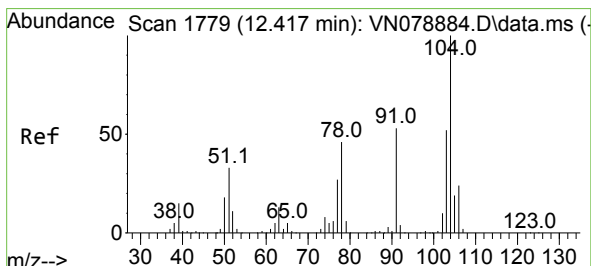
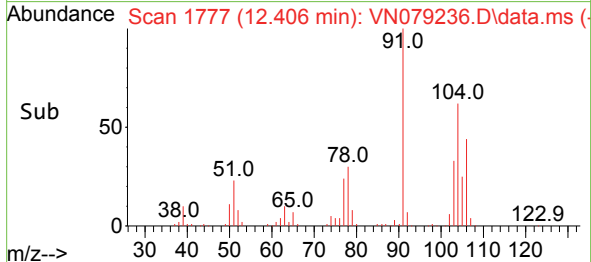
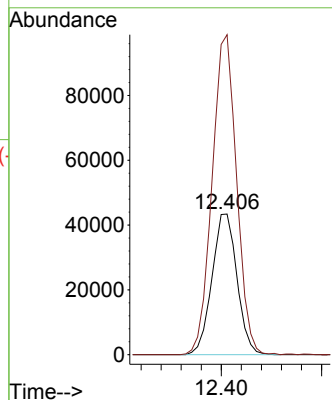
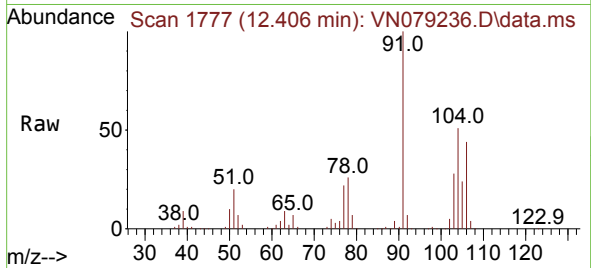




#69
o-Xylene
Concen: 32.682 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

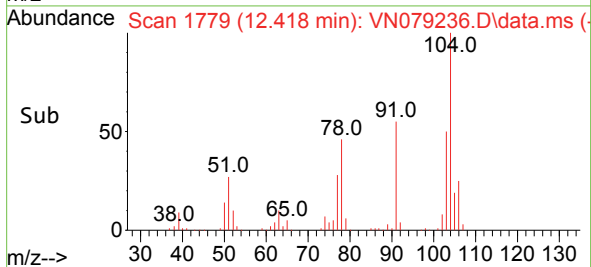
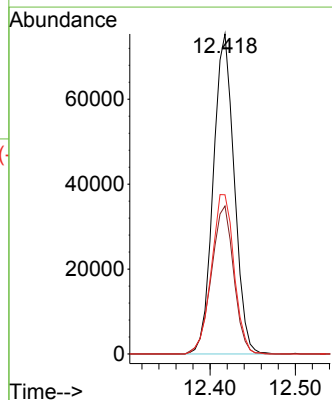
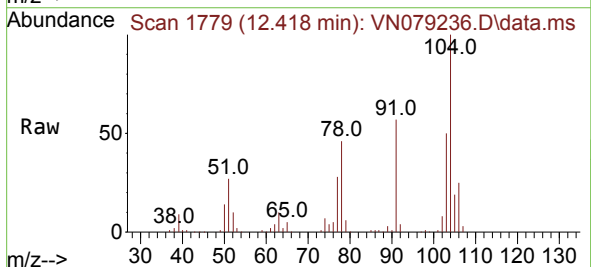
Instrument :
MSVOA_N
ClientSampleId :

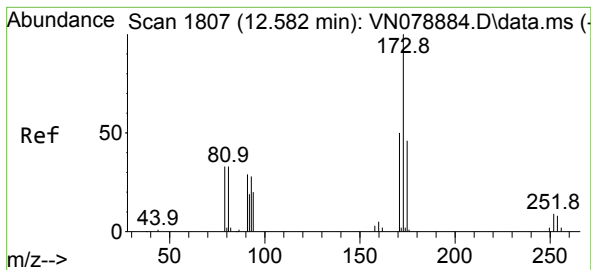
Tgt Ion:106 Resp: 75029
Ion Ratio Lower Upper
106 100
91 222.8 105.2 315.5



#70
Styrene
Concen: 34.904 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion:104 Resp: 128875
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 53.8 43.2 64.8





#71

Bromoform

Concen: 31.912 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079236.D

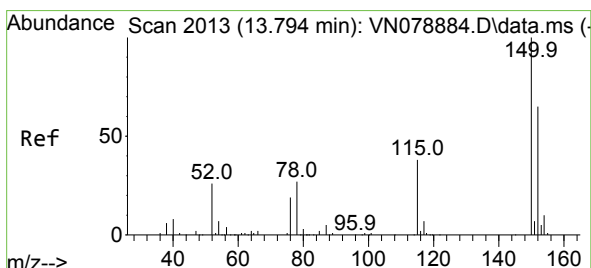
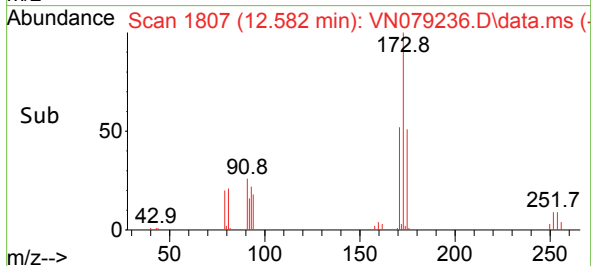
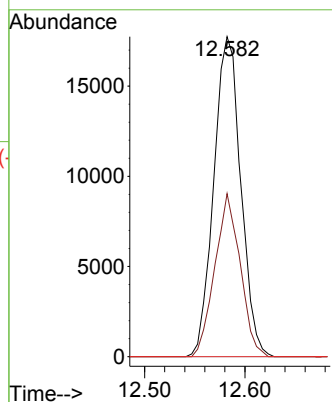
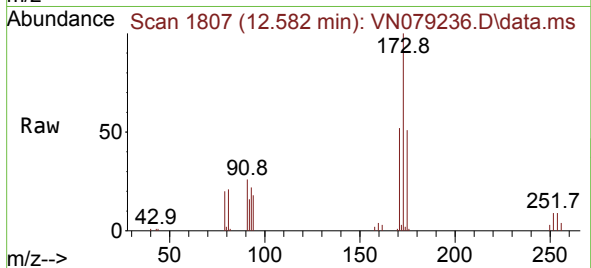
Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	33168
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

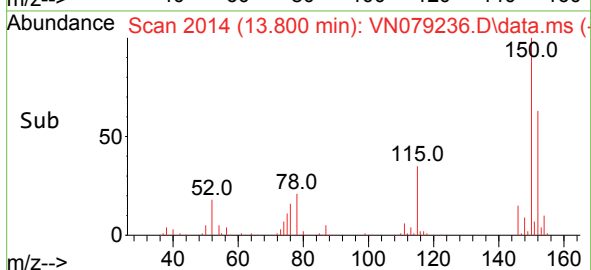
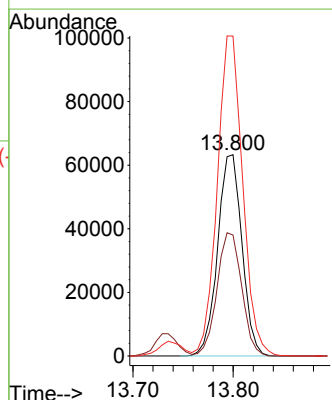
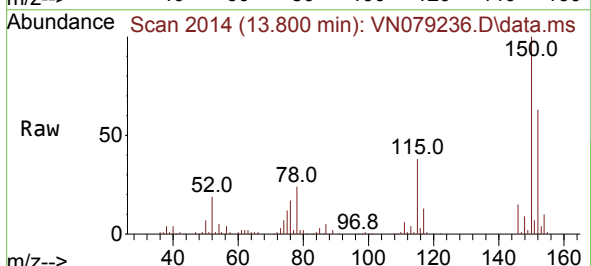
RT: 13.800 min Scan# 2014

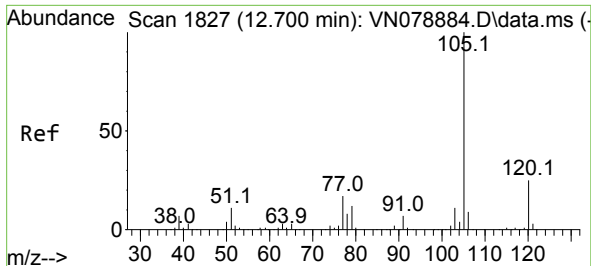
Delta R.T. 0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Tgt Ion:152	Resp:	106635
Ion Ratio	Lower	Upper
152	100	
115	62.2	32.3 96.8
150	166.2	0.0 355.8

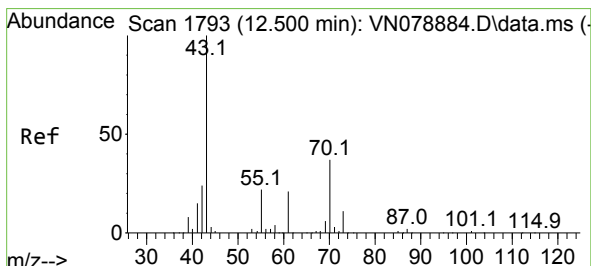
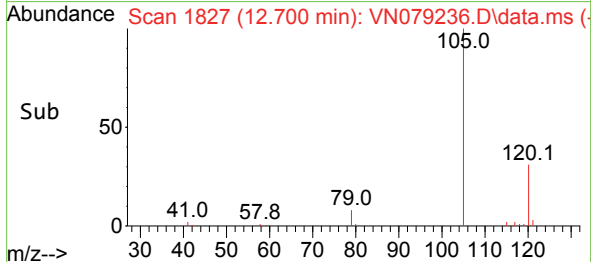
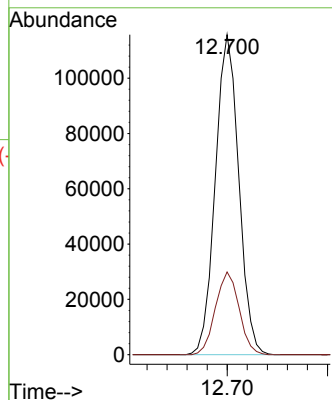
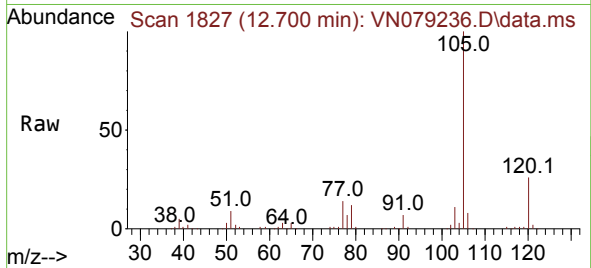




#73
Isopropylbenzene
Concen: 19.284 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

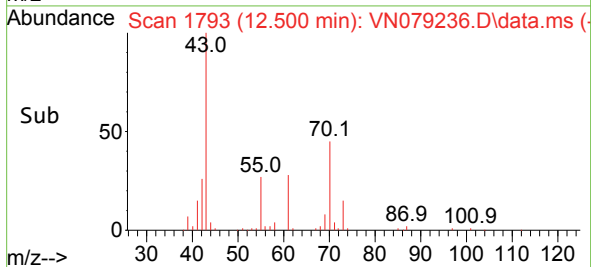
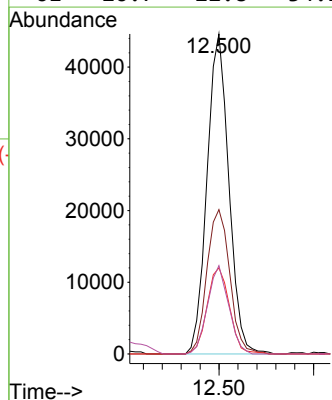
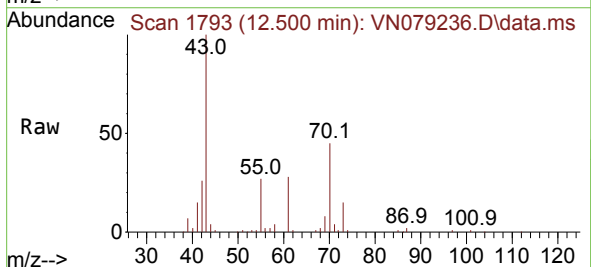
Instrument :
MSVOA_N
ClientSampleId :

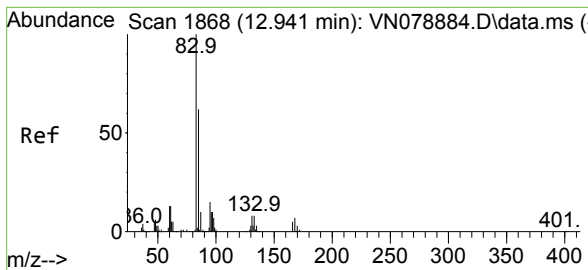
Tgt Ion:105 Resp: 187094
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 19.399 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 43 Resp: 71406
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 27.6 21.4 32.0
61 26.7 22.8 34.2

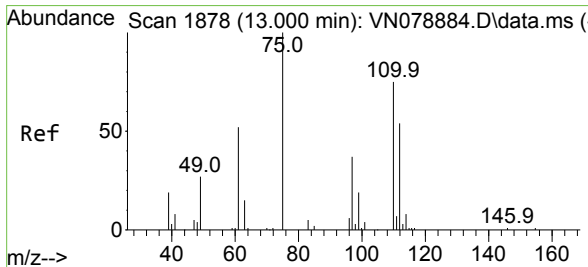
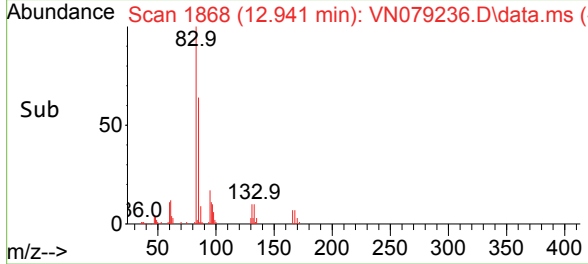
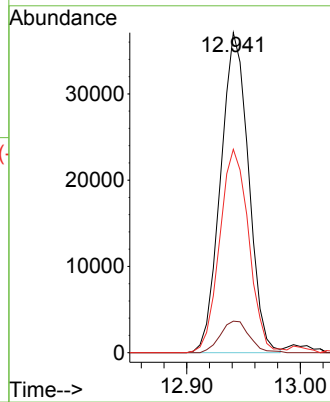
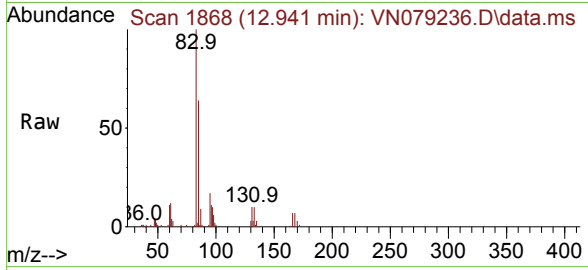




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.546 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

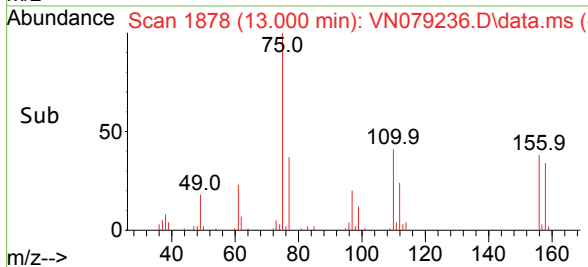
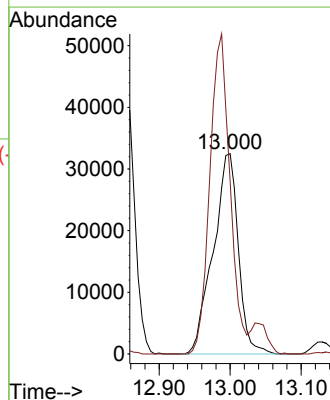
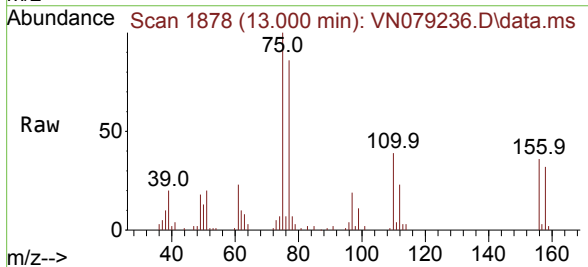
Instrument :
 MSVOA_N
 ClientSampleId :

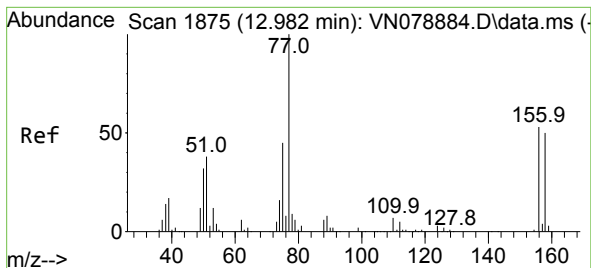
Tgt Ion: 83 Resp: 63388
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 66.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.709 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion: 75 Resp: 79634
 Ion Ratio Lower Upper
 75 100
 77 128.4 84.5 253.5





#77

Bromobenzene

Concen: 19.249 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

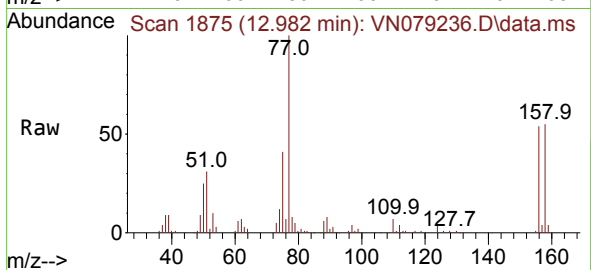
Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :



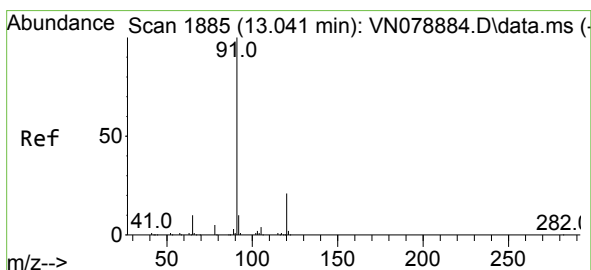
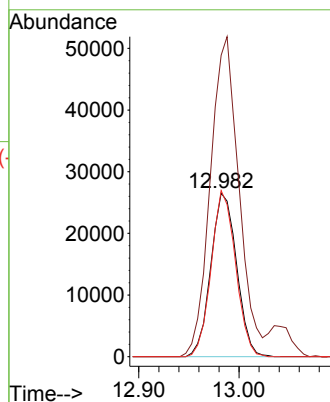
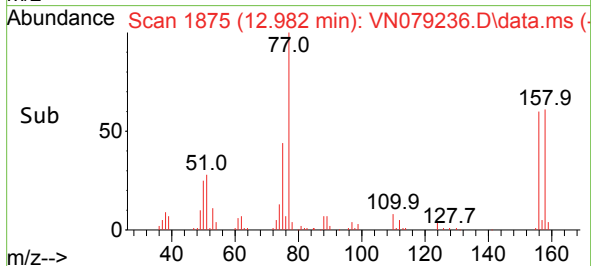
Tgt Ion:156 Resp: 47288

Ion Ratio Lower Upper

156 100

77 216.3 107.7 323.3

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.429 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079236.D

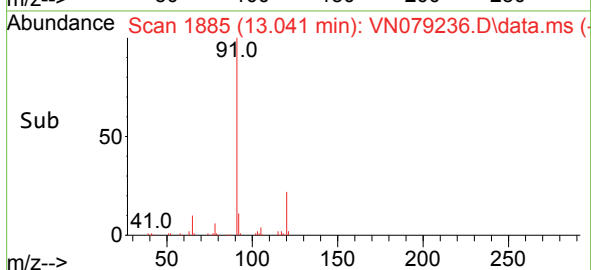
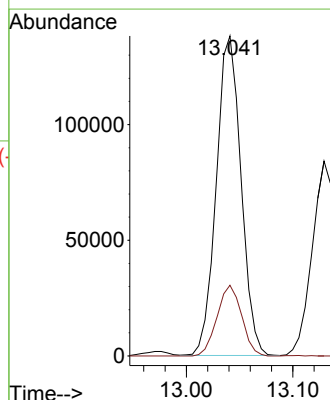
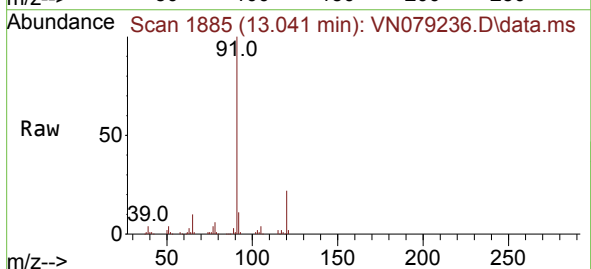
Acq: 12 Sep 2023 15:29

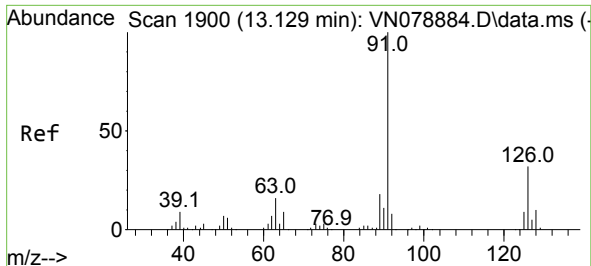
Tgt Ion: 91 Resp: 222651

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.122 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

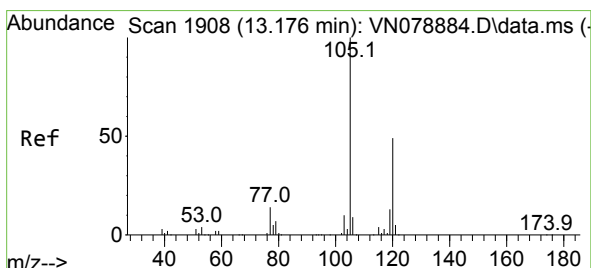
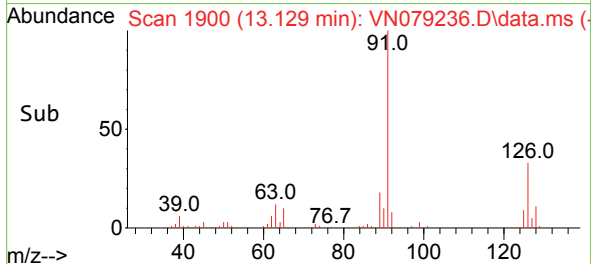
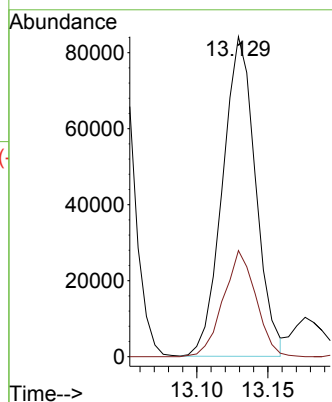
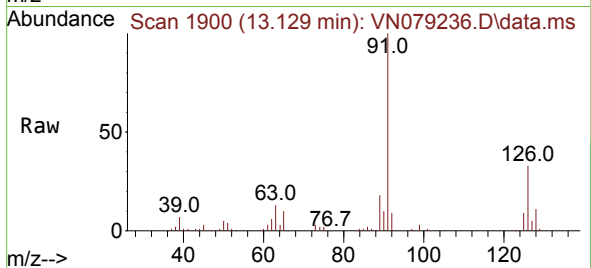
ClientSampleId :

Tgt Ion: 91 Resp: 136306

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.118 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079236.D

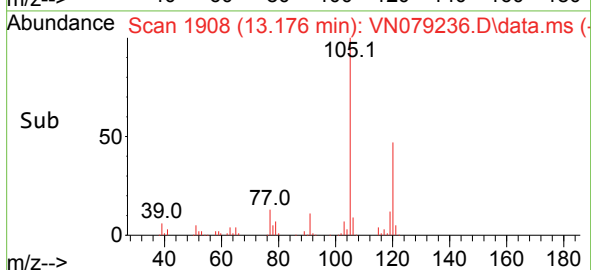
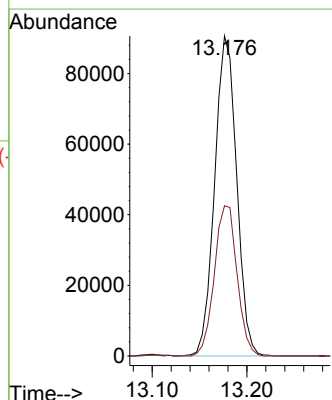
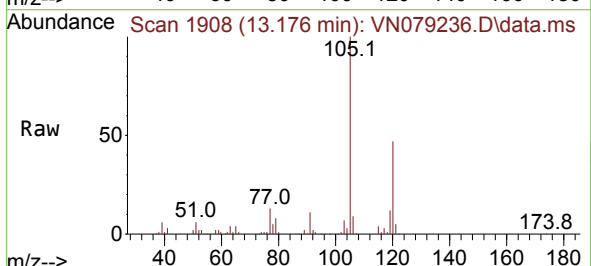
Acq: 12 Sep 2023 15:29

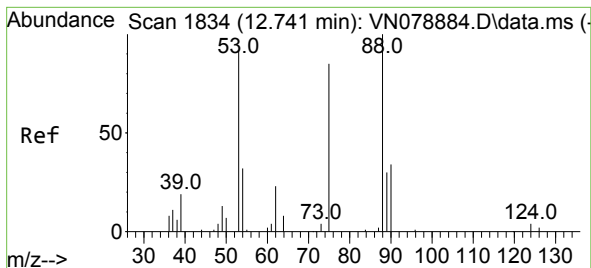
Tgt Ion:105 Resp: 146464

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

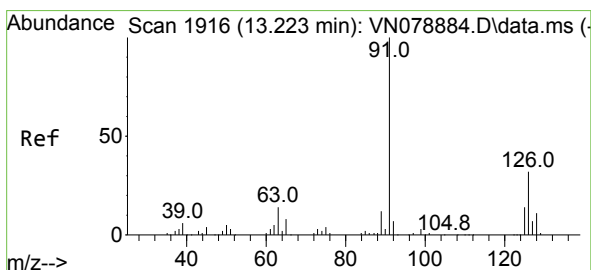
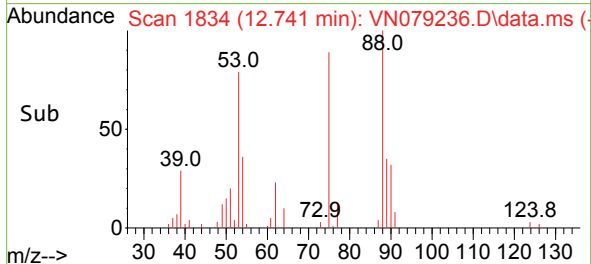
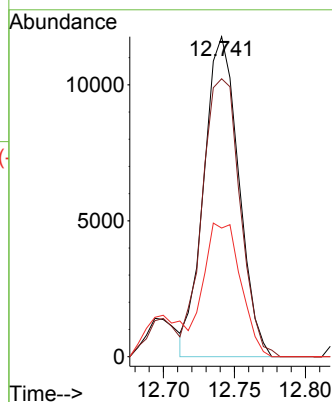
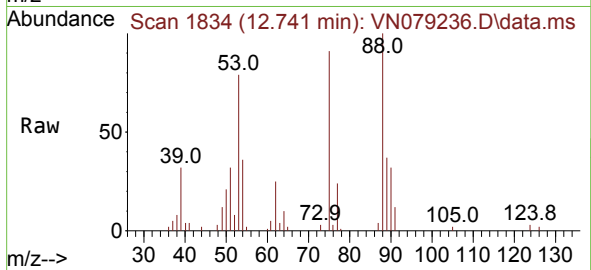




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.249 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

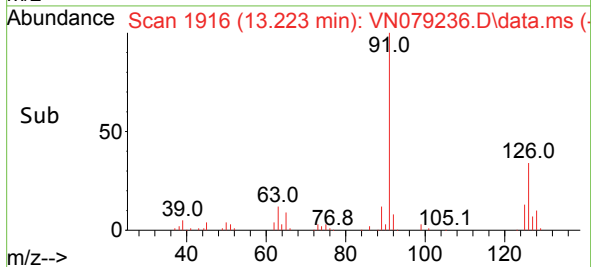
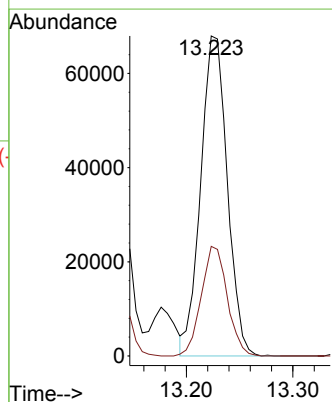
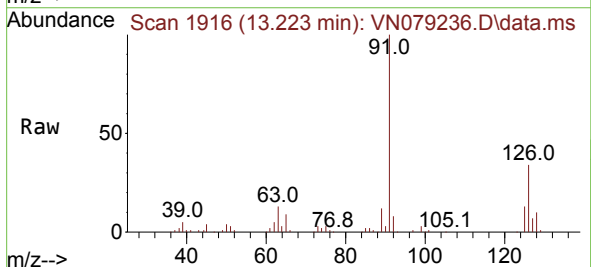
Instrument :
 MSVOA_N
 ClientSampleId :

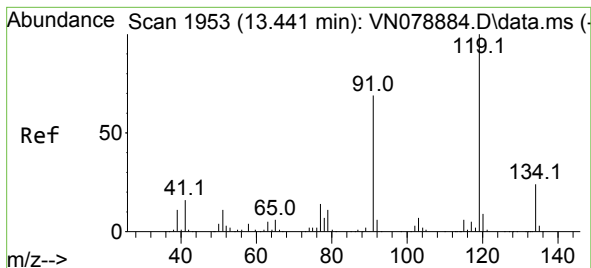
Tgt Ion: 75 Resp: 20122
 Ion Ratio Lower Upper
 75 100
 53 94.0 67.4 101.2
 89 44.1 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 17.625 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion: 91 Resp: 118049
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.0

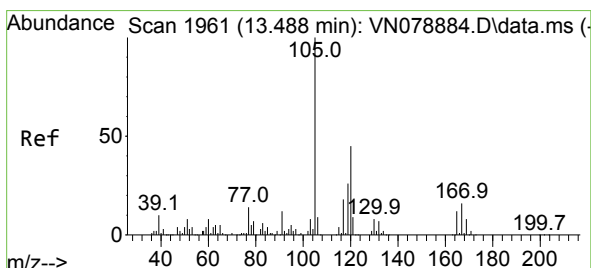
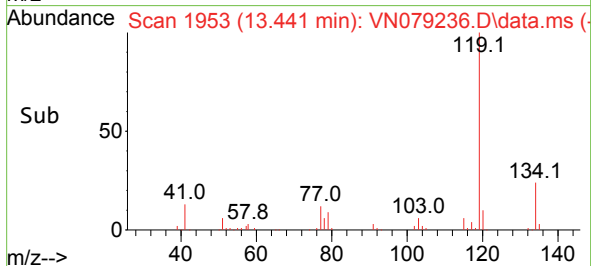
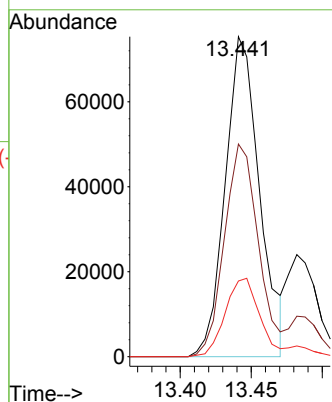
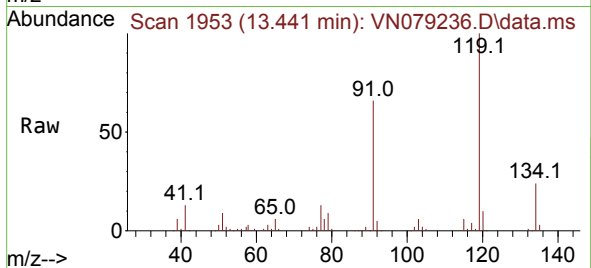




#83
 tert-Butylbenzene
 Concen: 18.928 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

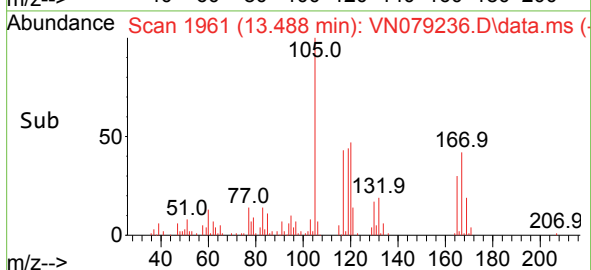
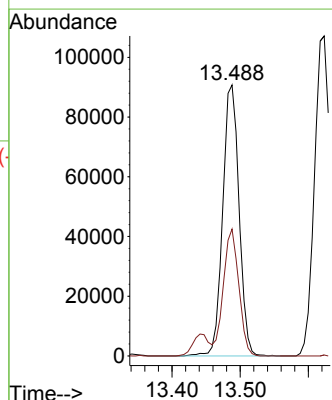
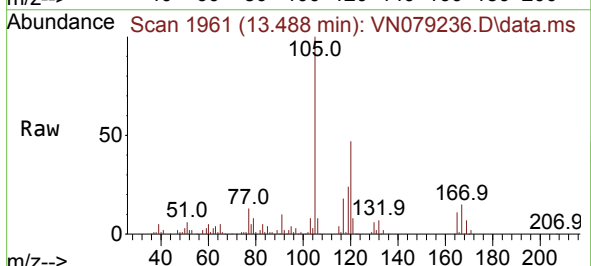
Instrument :
 MSVOA_N
 ClientSampleId :

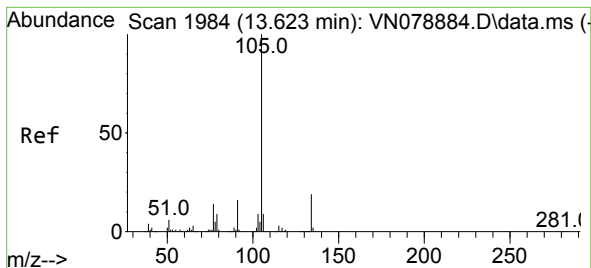
Tgt Ion:119 Resp: 126583
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.9 101.7
 134 24.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.658 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion:105 Resp: 151348
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.088 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

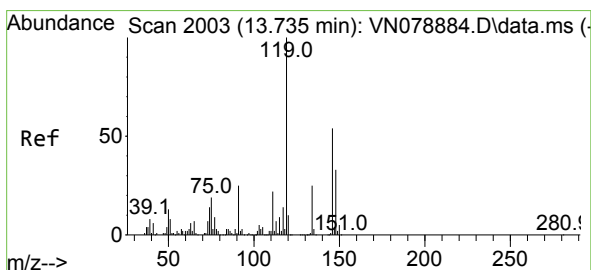
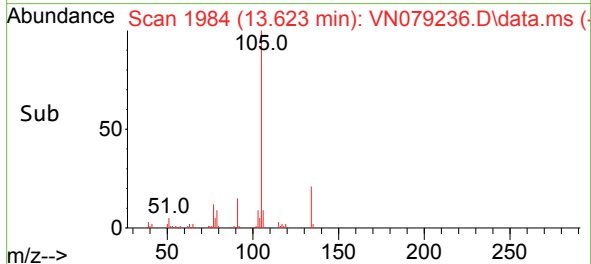
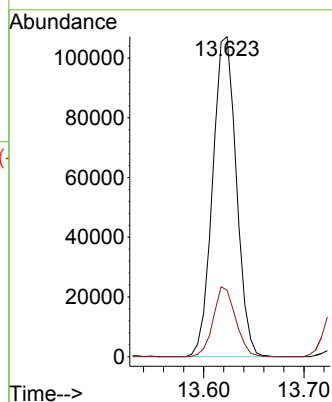
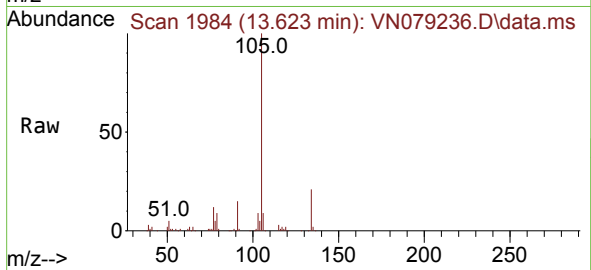
ClientSampleId :

Tgt Ion:105 Resp: 175737

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.051 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

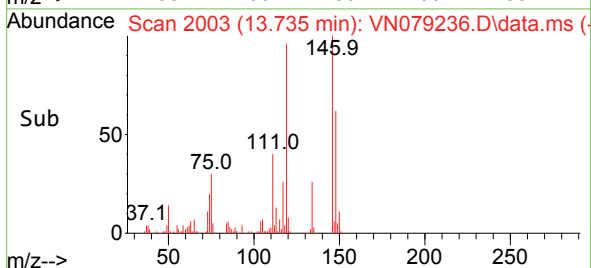
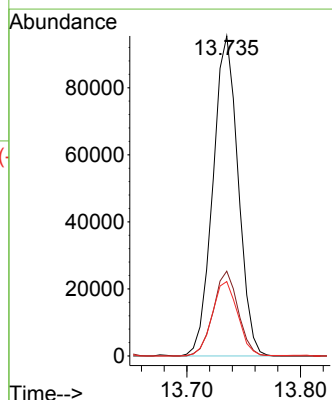
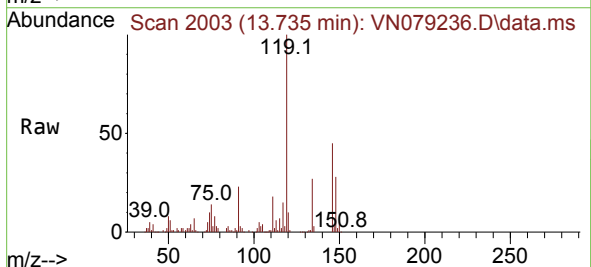
Tgt Ion:119 Resp: 147486

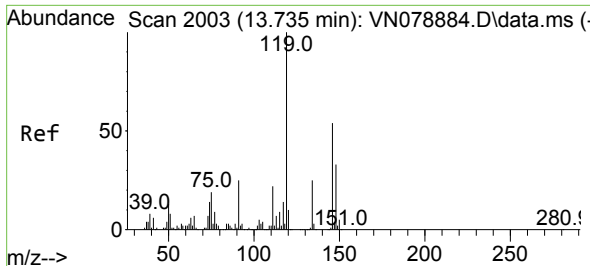
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 23.8 12.4 37.2

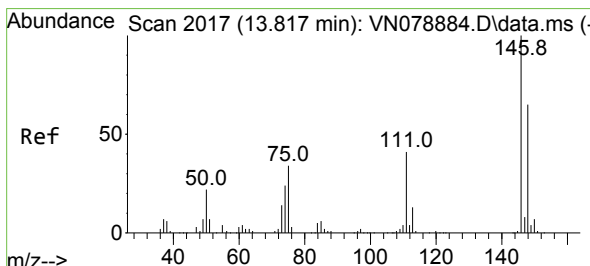
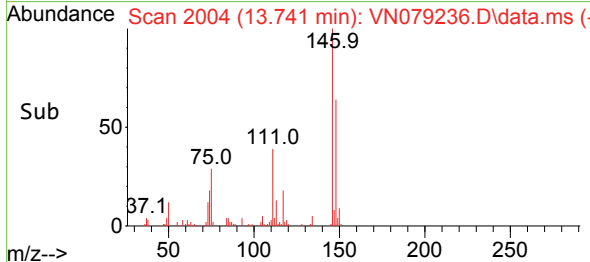
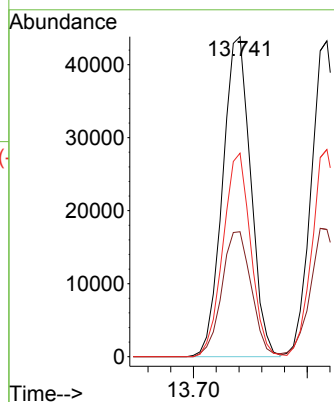
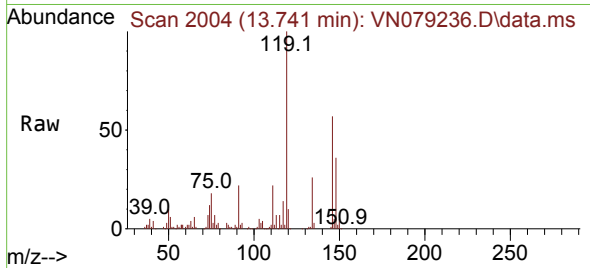




#87
 1,3-Dichlorobenzene
 Concen: 18.673 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

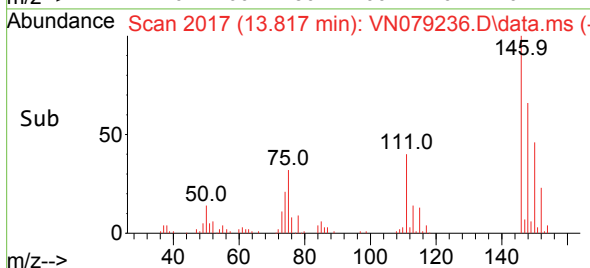
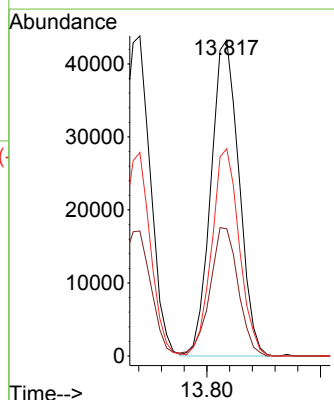
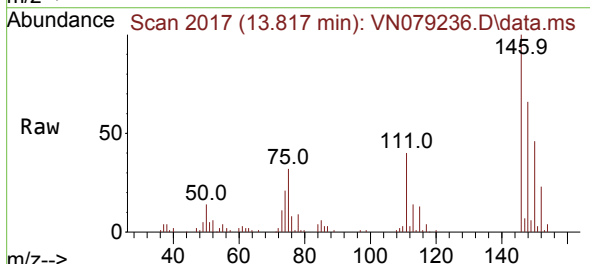
Instrument :
 MSVOA_N
 ClientSampleId :

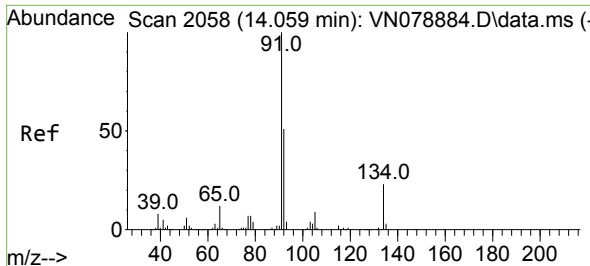
Tgt Ion:146 Resp: 75240
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.1 66.3
 148 62.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.251 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079236.D
 Acq: 12 Sep 2023 15:29

Tgt Ion:146 Resp: 74311
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 64.2 31.6 94.8

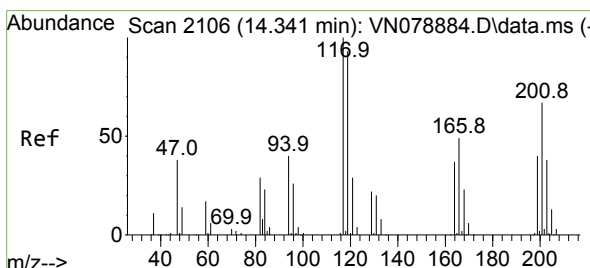
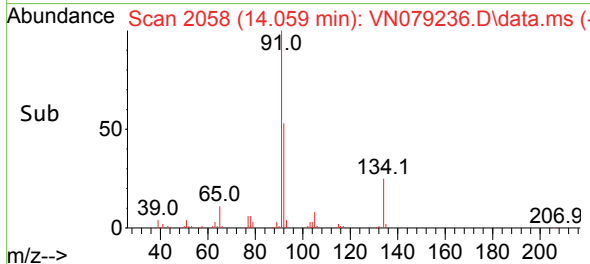
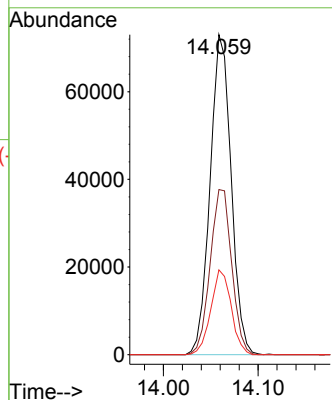
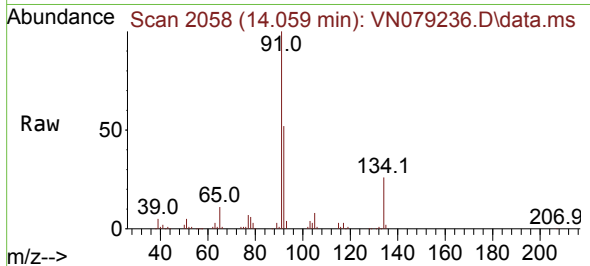




#89
n-Butylbenzene
Concen: 19.450 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

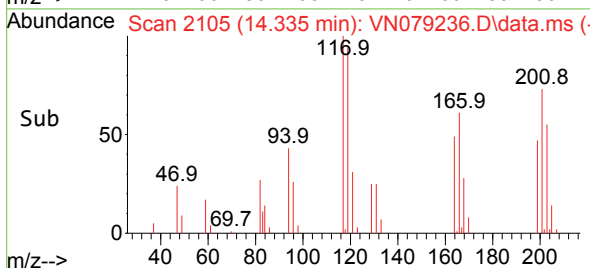
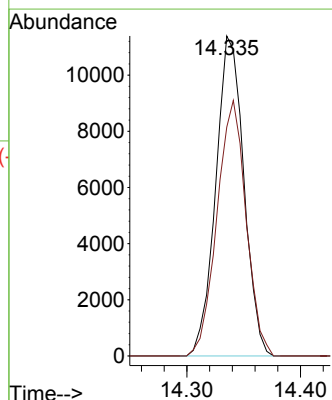
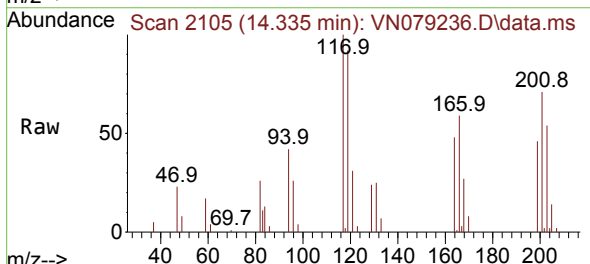
Instrument :
MSVOA_N
ClientSampleId :

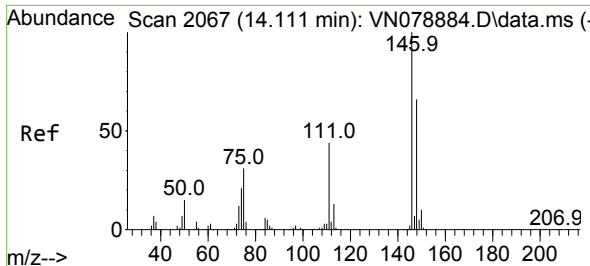
Tgt Ion: 91 Resp: 112502
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 13.089 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 117 Resp: 19552
Ion Ratio Lower Upper
117 100
201 82.6 29.3 88.0

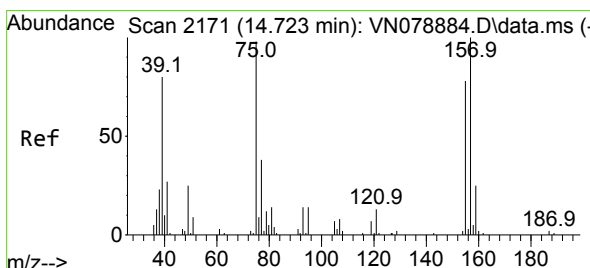
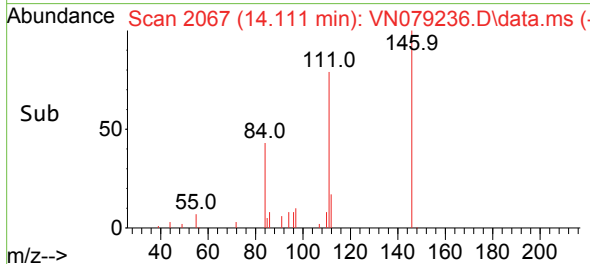
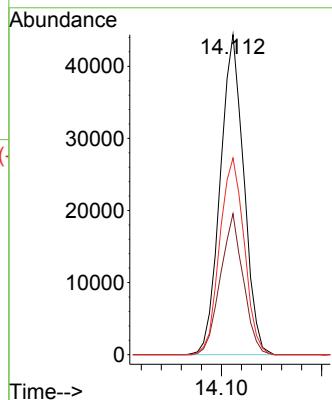
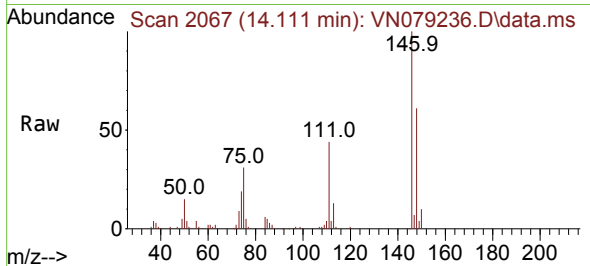




#91
1,2-Dichlorobenzene
Concen: 18.201 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

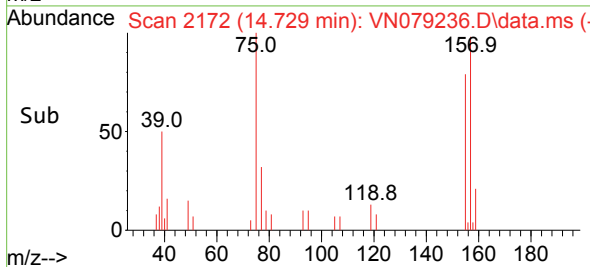
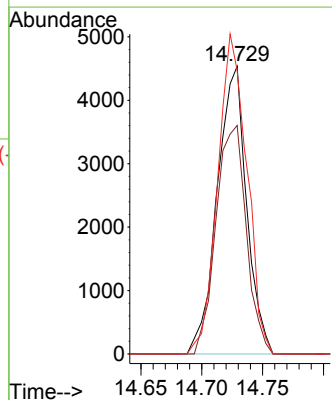
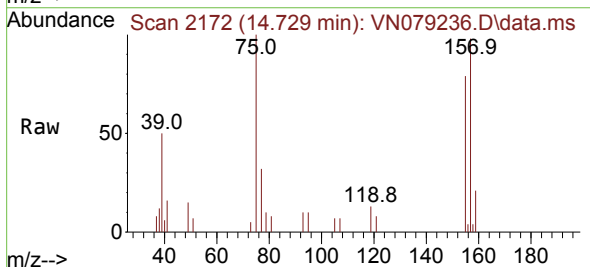
Instrument :
MSVOA_N
ClientSampleId :

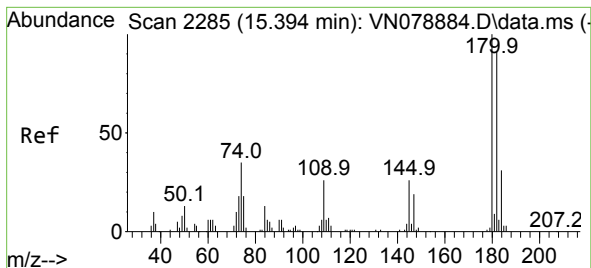
Tgt Ion:146 Resp: 72396
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 63.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.875 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079236.D
Acq: 12 Sep 2023 15:29

Tgt Ion: 75 Resp: 7620
Ion Ratio Lower Upper
75 100
155 81.7 39.1 117.2
157 110.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.923 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

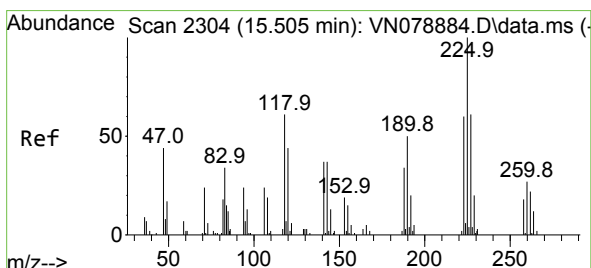
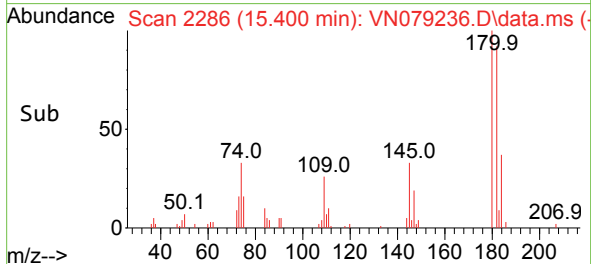
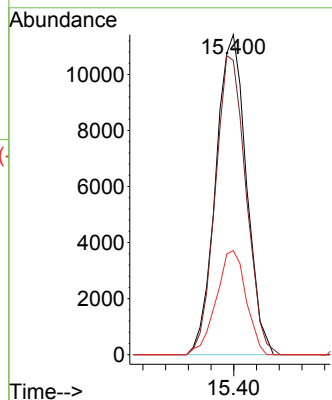
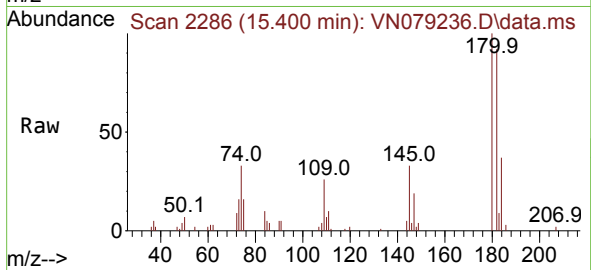
Tgt Ion:180 Resp: 21331

Ion Ratio Lower Upper

180 100

182 93.4 46.1 138.2

145 31.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 14.446 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

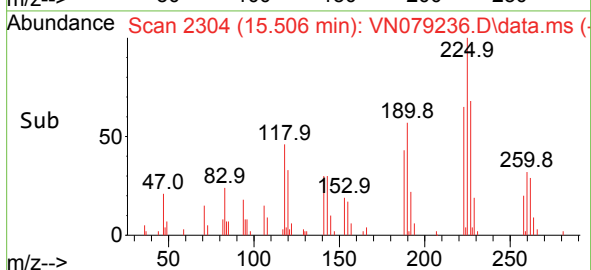
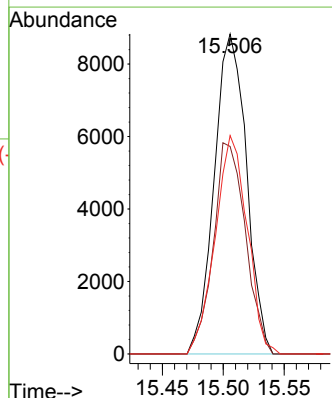
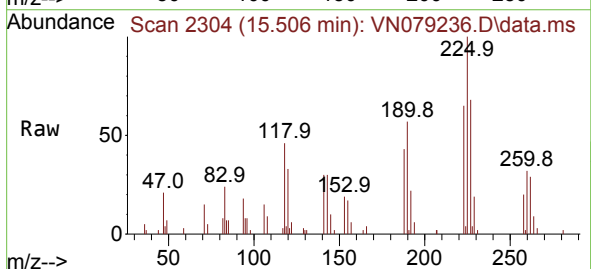
Tgt Ion:225 Resp: 16244

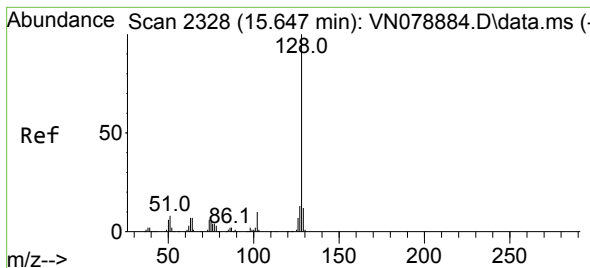
Ion Ratio Lower Upper

225 100

223 65.9 31.3 93.8

227 68.0 31.9 95.9





#95

Naphthalene

Concen: 12.277 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079236.D

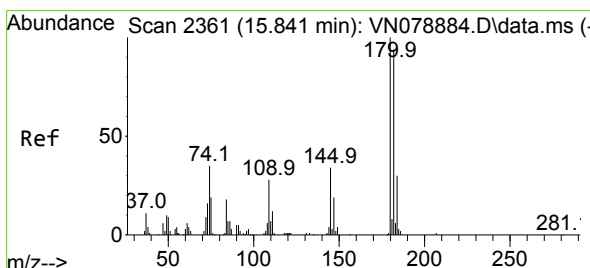
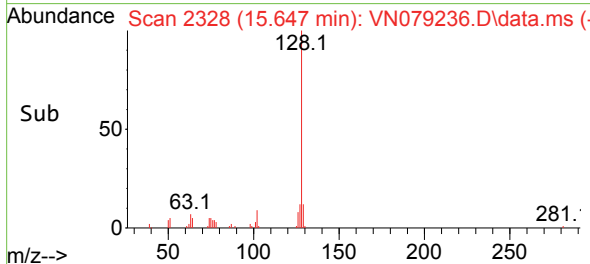
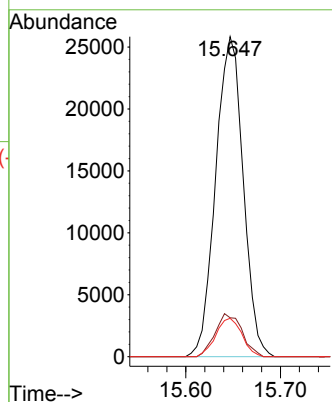
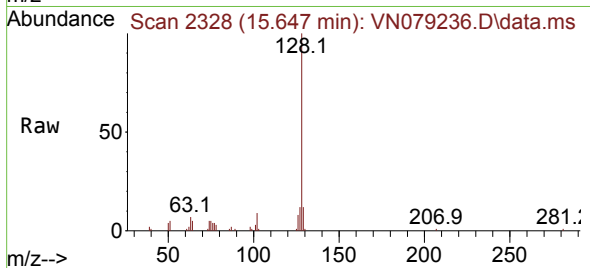
Acq: 12 Sep 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	52120
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.0 15.0
129	11.4	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.754 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079236.D

Acq: 12 Sep 2023 15:29

Tgt Ion:180	Resp:	23191
Ion Ratio	Lower	Upper
180	100	
182	93.6	46.2 138.6
145	33.2	17.5 52.6

