

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079120.D
 Acq On : 01 Sep 2023 14:10
 Operator : JC\MD
 Sample : VN0901WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	235726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	354489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168254	45.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.171	113	141839	53.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.570	98	489531	50.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.853	95	169754	53.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	57708	17.643	ug/l	98
3) Chloromethane	2.365	50	69291	15.173	ug/l	95
4) Vinyl Chloride	2.512	62	54238	13.543	ug/l	93
5) Bromomethane	2.959	94	31074	13.514	ug/l	96
6) Chloroethane	3.124	64	29588	10.568	ug/l	93
7) Trichlorofluoromethane	3.500	101	94562	19.386	ug/l	98
8) Diethyl Ether	3.965	74	36069	19.505	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.383	101	52264	20.117	ug/l	98
10) Methyl Iodide	4.594	142	63895	21.982	ug/l #	96
11) Tert butyl alcohol	5.524	59	50491	82.031	ug/l	97
12) 1,1-Dichloroethene	4.341	96	50322	19.885	ug/l #	82
13) Acrolein	4.183	56	25444	68.959	ug/l	99
14) Allyl chloride	5.024	41	80279	15.938	ug/l	93
15) Acrylonitrile	5.730	53	154703	92.778	ug/l	99
16) Acetone	4.436	43	129732	85.716	ug/l	99
17) Carbon Disulfide	4.712	76	130838	18.470	ug/l	98
18) Methyl Acetate	5.036	43	106727	16.692	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	183723	20.154	ug/l	98
20) Methylene Chloride	5.277	84	66914	20.746	ug/l #	88
21) trans-1,2-Dichloroethene	5.794	96	57377	20.219	ug/l	90
22) Diisopropyl ether	6.671	45	201766	18.935	ug/l #	87
23) Vinyl Acetate	6.612	43	696650	99.294	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	115172	19.785	ug/l	97
25) 2-Butanone	7.488	43	197322	81.317	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	90890	19.317	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	69496	20.148	ug/l	91
28) Bromochloromethane	7.818	49	54143	17.534	ug/l #	79
29) Tetrahydrofuran	7.841	42	128312	79.889	ug/l #	77
30) Chloroform	7.971	83	116692	20.066	ug/l	93
31) Cyclohexane	8.259	56	88810	17.708	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	99315	20.028	ug/l	97
36) 1,1-Dichloropropene	8.371	75	84711	21.411	ug/l	94
37) Ethyl Acetate	7.571	43	82099	18.546	ug/l #	94
38) Carbon Tetrachloride	8.365	117	84590	21.338	ug/l	97
39) Methylcyclohexane	9.606	83	78483	21.568	ug/l	89
40) Benzene	8.612	78	258748	22.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	43290	17.955	ug/l	89
42) 1,2-Dichloroethane	8.677	62	92196	21.102	ug/l	97
43) Isopropyl Acetate	8.688	43	134322	17.167	ug/l #	92
44) Trichloroethene	9.353	130	61682	22.198	ug/l	98
45) 1,2-Dichloropropane	9.623	63	67556	21.697	ug/l	92
46) Dibromomethane	9.712	93	43933	20.572	ug/l	91
47) Bromodichloromethane	9.894	83	93074	22.071	ug/l	97
48) Methyl methacrylate	9.688	41	62721	17.690	ug/l #	81
49) 1,4-Dioxane	9.700	88	22677	375.499	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	406884	87.679	ug/l	92
52) Toluene	10.635	92	156056	21.735	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	93071	20.580	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	103749	21.064	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	64552	22.422	ug/l	92
56) Ethyl methacrylate	10.876	69	95104	21.311	ug/l #	84
57) 1,3-Dichloropropane	11.170	76	110725	21.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162035	75.639	ug/l	91
59) 2-Hexanone	11.200	43	280143	83.347	ug/l	91
60) Dibromochloromethane	11.365	129	66368	21.907	ug/l	98
61) 1,2-Dibromoethane	11.476	107	62974	21.525	ug/l	99
64) Tetrachloroethene	11.112	164	51786	23.295	ug/l	96
65) Chlorobenzene	11.894	112	161306	21.377	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	59909	21.008	ug/l	97
67) Ethyl Benzene	11.970	91	278313	20.282	ug/l	98
68) m/p-Xylenes	12.076	106	207800	40.503	ug/l	93
69) o-Xylene	12.400	106	102506	20.539	ug/l	95
70) Styrene	12.417	104	166673	20.028	ug/l	98
71) Bromoform	12.582	173	45126	21.767	ug/l #	100
73) Isopropylbenzene	12.700	105	251374	21.352	ug/l	99
74) N-amyl acetate	12.500	43	100063	16.838	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	91596	21.547	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	109894	32.302	ug/l	68
77) Bromobenzene	12.982	156	61238	21.640	ug/l	95
78) n-propylbenzene	13.041	91	288410	21.126	ug/l	98
79) 2-Chlorotoluene	13.129	91	184853	21.828	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	210657	22.579	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25843	19.405	ug/l	90
82) 4-Chlorotoluene	13.229	91	175897	21.228	ug/l	98
83) tert-Butylbenzene	13.441	119	165177	21.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	205675	22.264	ug/l	99
85) sec-Butylbenzene	13.617	105	233776	21.670	ug/l	99
86) p-Isopropyltoluene	13.735	119	191813	22.255	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100821	20.705	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	100349	20.589	ug/l	99
89) n-Butylbenzene	14.059	91	149159	21.029	ug/l	99
90) Hexachloroethane	14.335	117	37202	21.532	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	103713	21.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14879	18.428	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33020	19.235	ug/l	98
94) Hexachlorobutadiene	15.511	225	24056	24.795	ug/l	99
95) Naphthalene	15.647	128	89559	15.630	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	37261	19.817	ug/l	97

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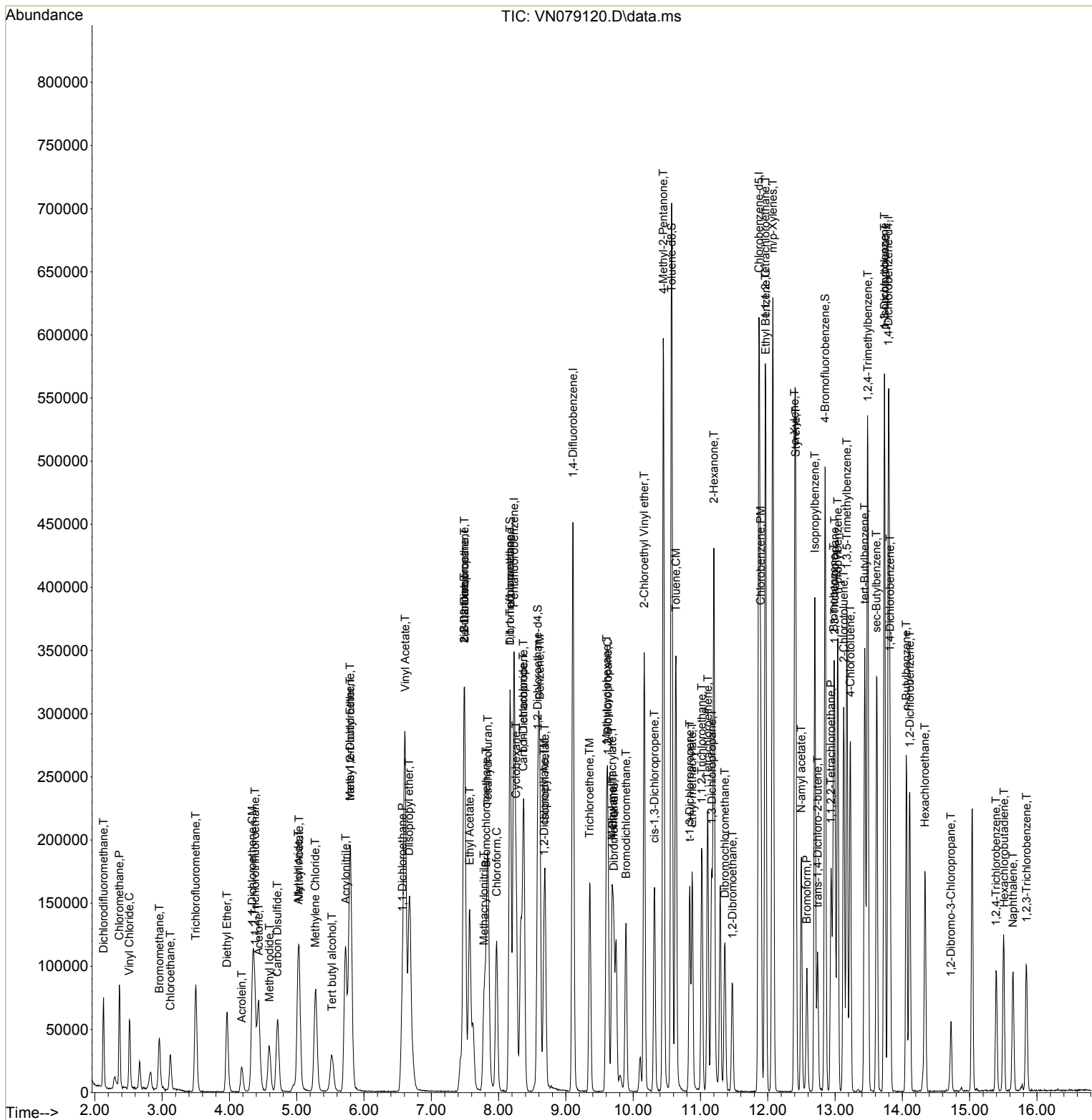
Instrument :
MSVOA_N
ClientSampleId :

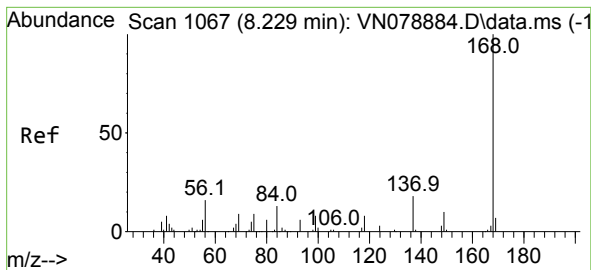
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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

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MSVOA_N

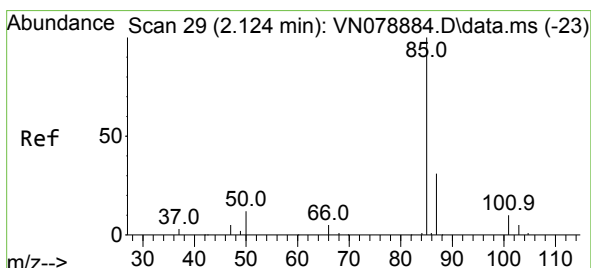
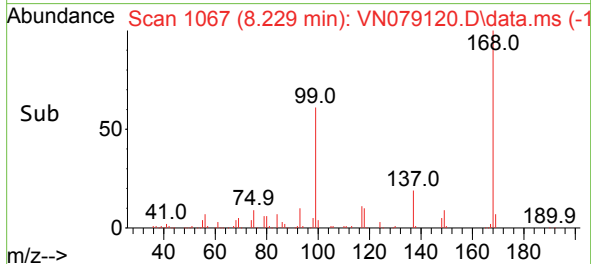
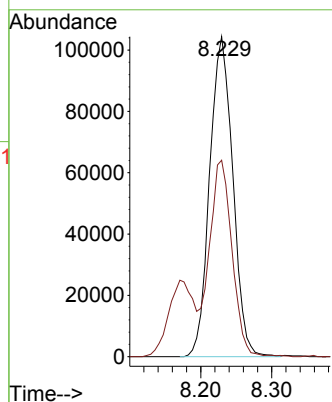
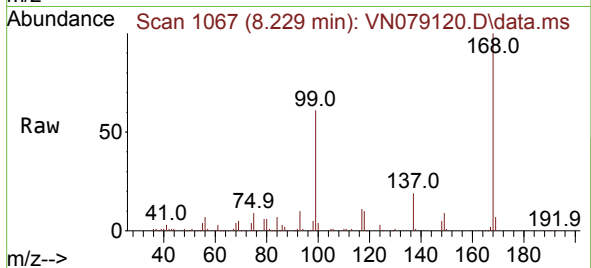
ClientSampleId :

Tgt Ion:168 Resp: 235726

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.643 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079120.D

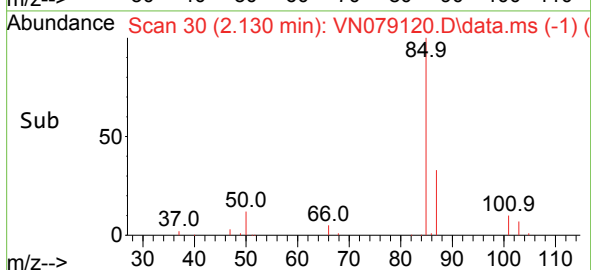
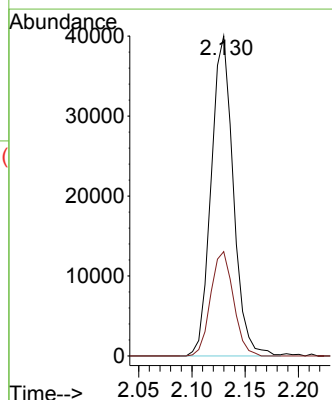
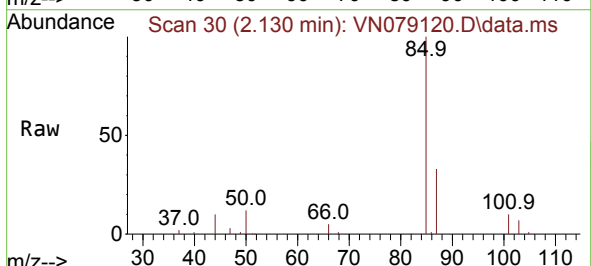
Acq: 01 Sep 2023 14:10

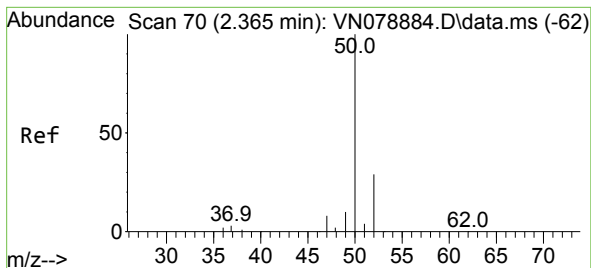
Tgt Ion: 85 Resp: 57708

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4





#3

Chloromethane

Concen: 15.173 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

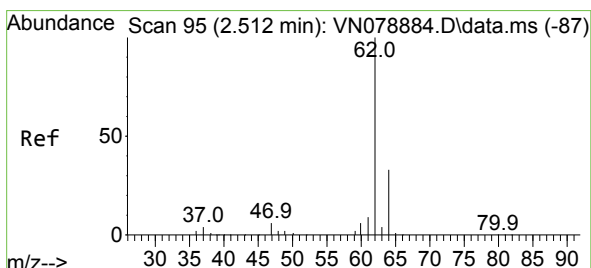
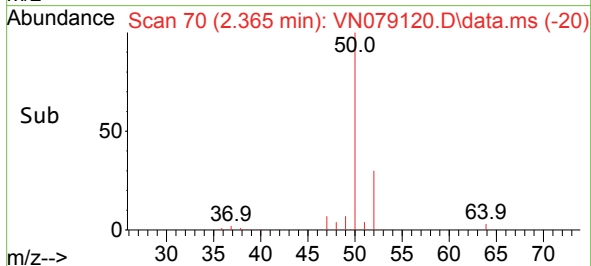
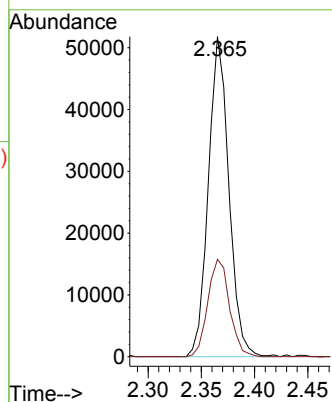
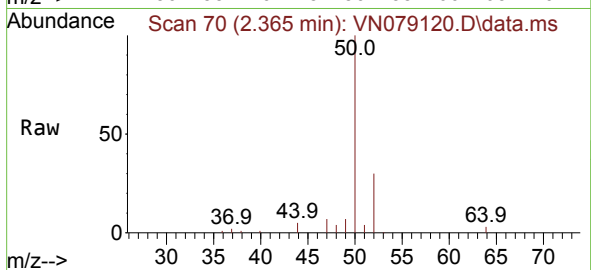
ClientSampleId :

Tgt Ion: 50 Resp: 69291

Ion Ratio Lower Upper

50 100

52 30.4 26.5 39.7



#4

Vinyl Chloride

Concen: 13.543 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079120.D

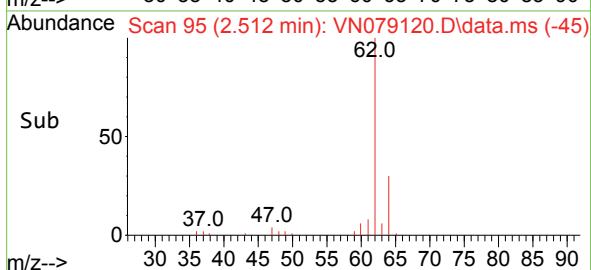
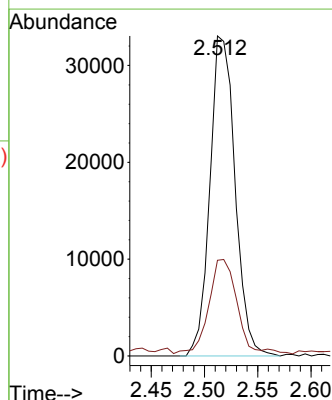
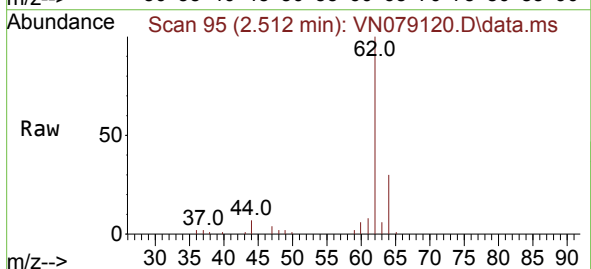
Acq: 01 Sep 2023 14:10

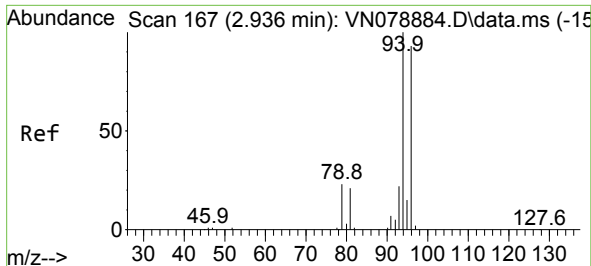
Tgt Ion: 62 Resp: 54238

Ion Ratio Lower Upper

62 100

64 28.7 26.2 39.2





#5

Bromomethane

Concen: 13.514 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

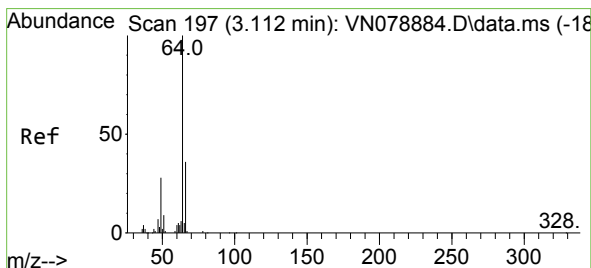
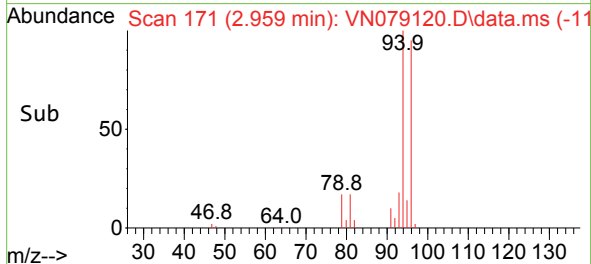
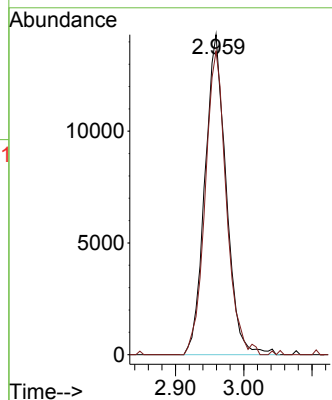
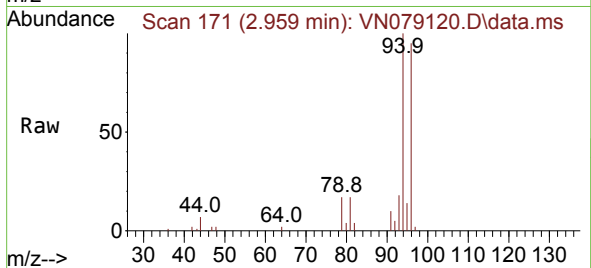
ClientSampleId :

Tgt Ion: 94 Resp: 31074

Ion Ratio Lower Upper

94 100

96 94.9 73.1 109.7



#6

Chloroethane

Concen: 10.568 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN079120.D

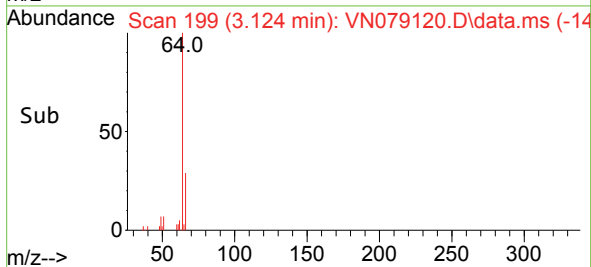
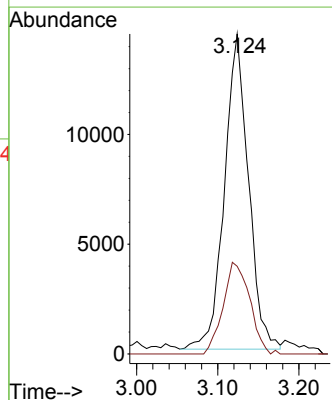
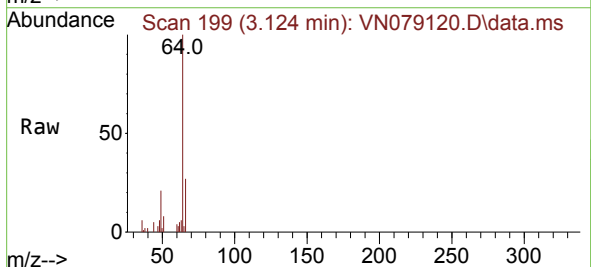
Acq: 01 Sep 2023 14:10

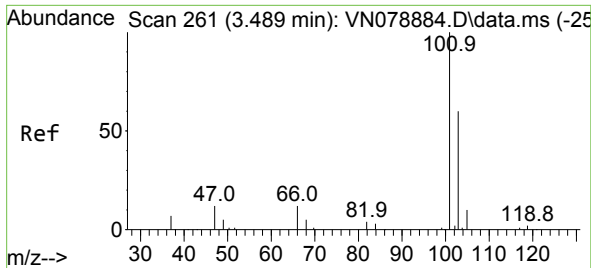
Tgt Ion: 64 Resp: 29588

Ion Ratio Lower Upper

64 100

66 27.8 25.4 38.2

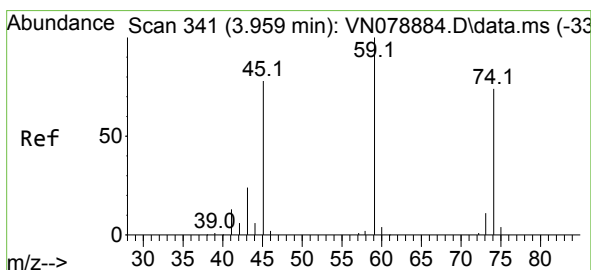
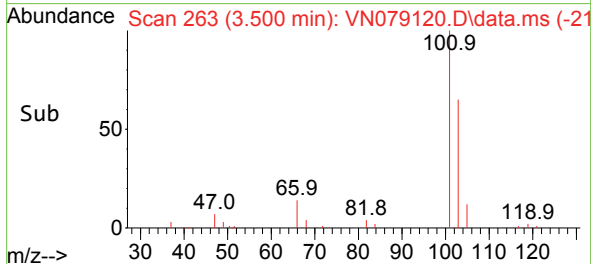
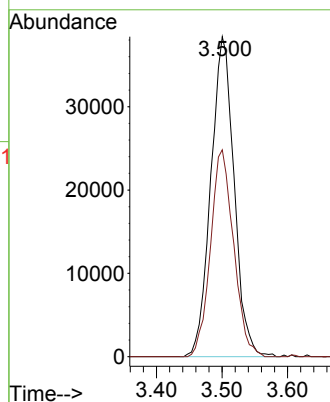
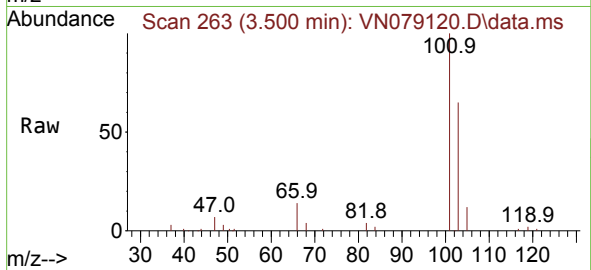




#7
 Trichlorofluoromethane
 Concen: 19.386 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

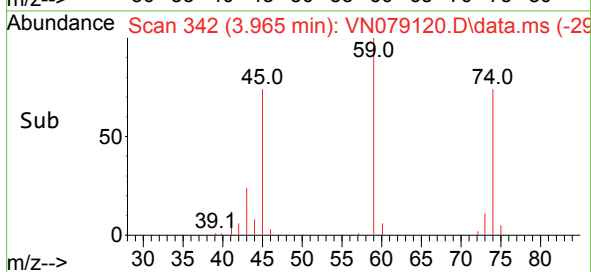
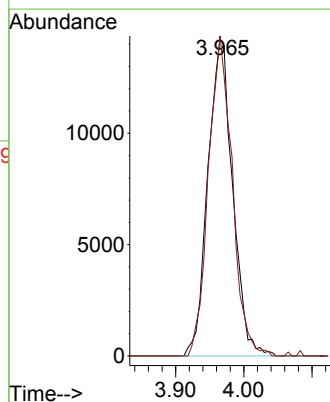
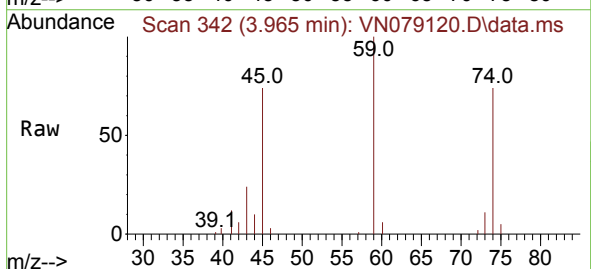
Instrument :
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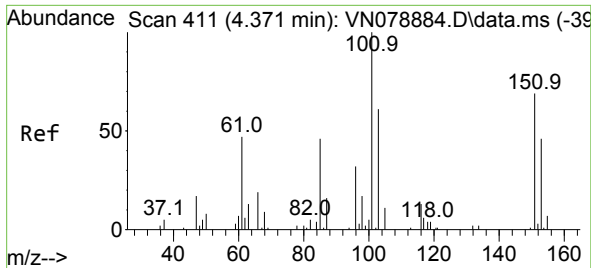
Tgt Ion:101 Resp: 94562
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.505 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion: 74 Resp: 36069
 Ion Ratio Lower Upper
 74 100
 45 96.5 34.4 103.3

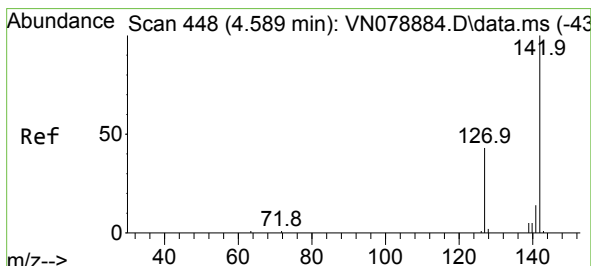
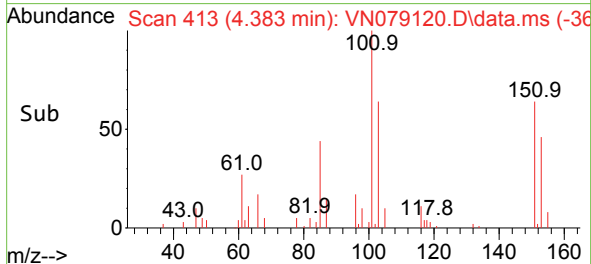
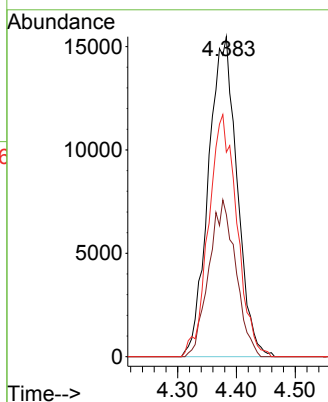
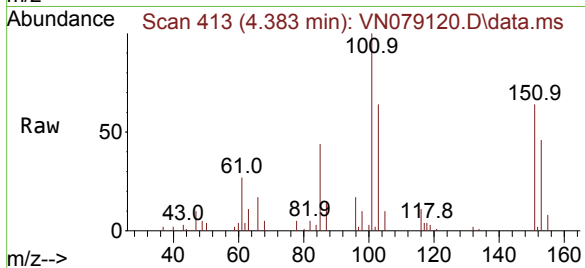




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.117 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

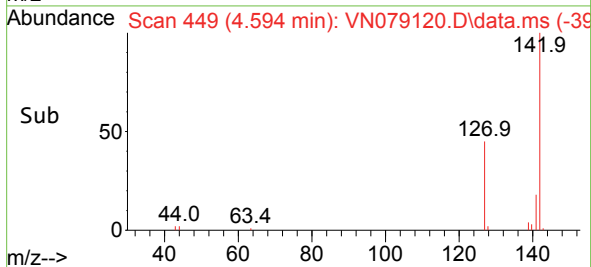
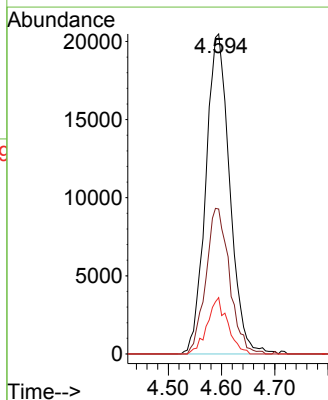
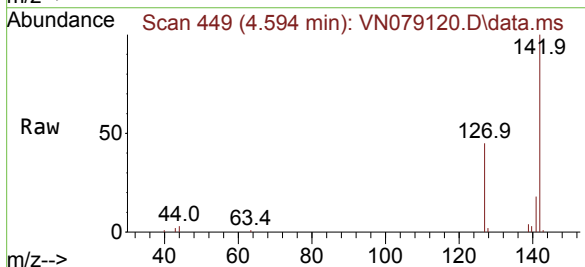
Instrument :
MSVOA_N
ClientSampleId :

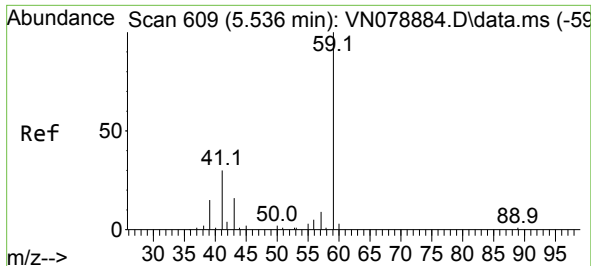
Tgt Ion:101 Resp: 52264
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 75.1 57.6 86.4



#10
Methyl Iodide
Concen: 21.982 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

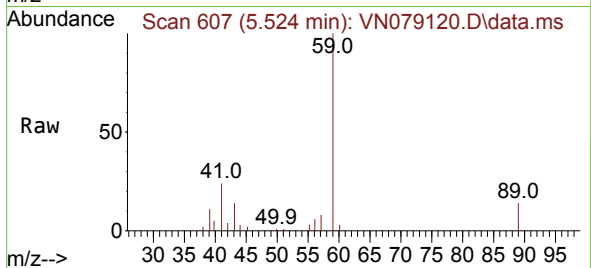
Tgt Ion:142 Resp: 63895
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 17.6 11.4 17.0#



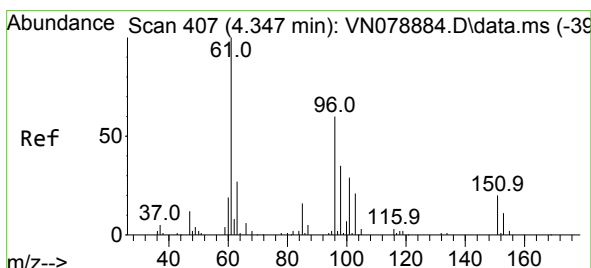
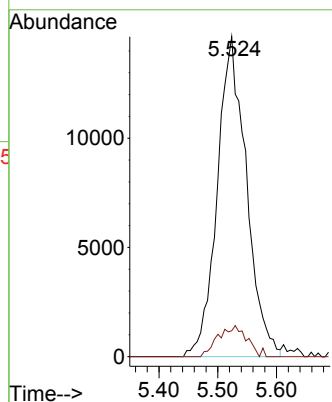
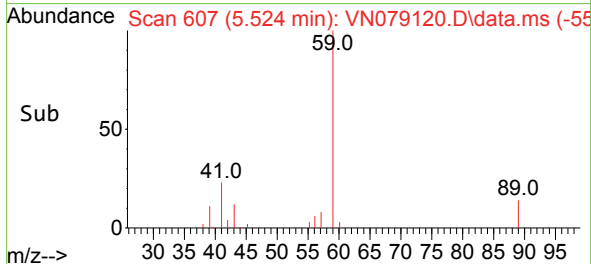


#11
Tert butyl alcohol
Concen: 82.031 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

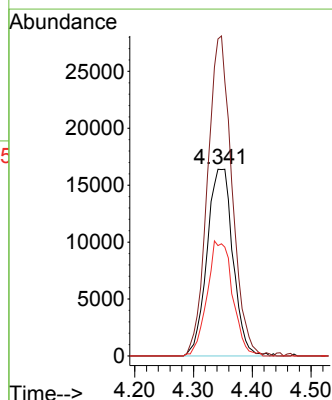
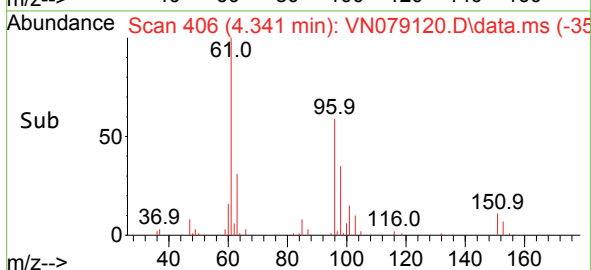
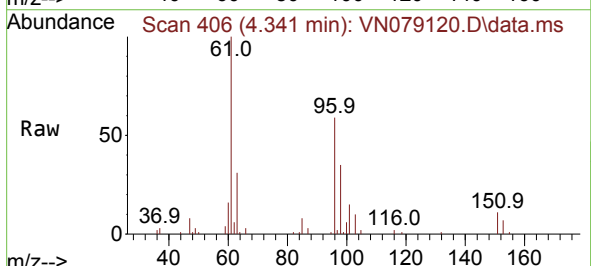


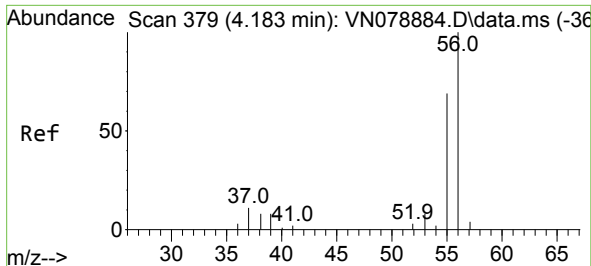
Tgt Ion: 59 Resp: 50491
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.885 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 96 Resp: 50322
Ion Ratio Lower Upper
96 100
61 169.8 112.7 169.1#
98 59.1 51.2 76.8





#13

Acrolein

Concen: 68.959 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.012 min

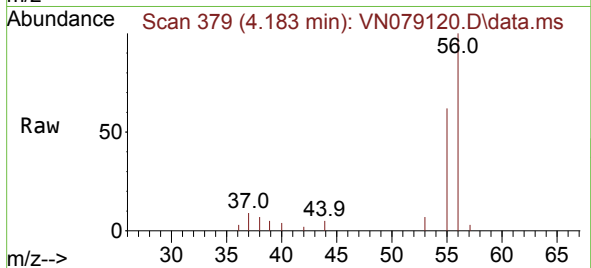
Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

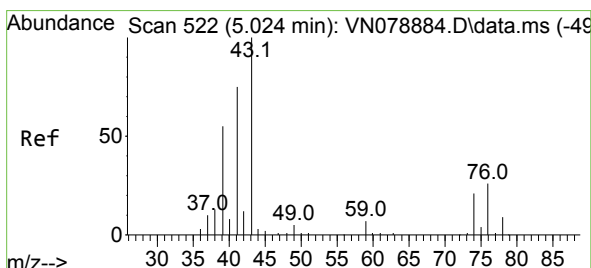
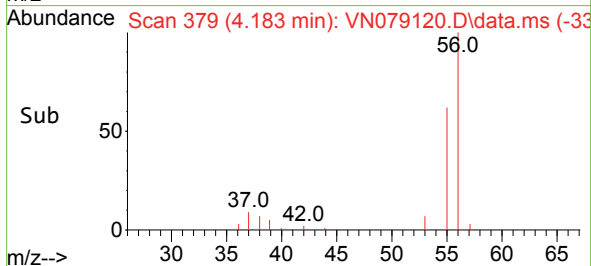
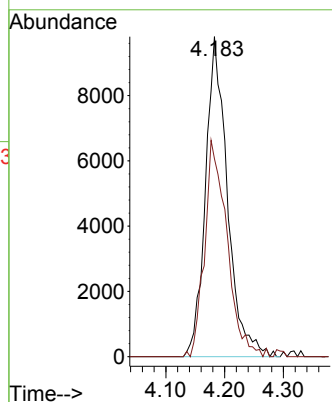


Tgt Ion: 56 Resp: 25444

Ion Ratio Lower Upper

56 100

55 68.7 54.5 81.7



#14

Allyl chloride

Concen: 15.938 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

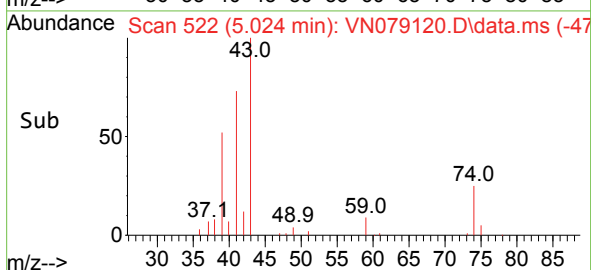
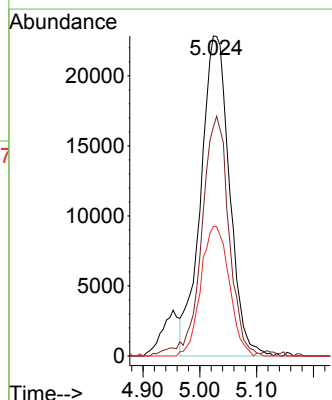
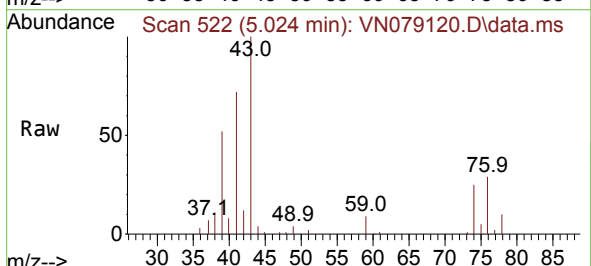
Tgt Ion: 41 Resp: 80279

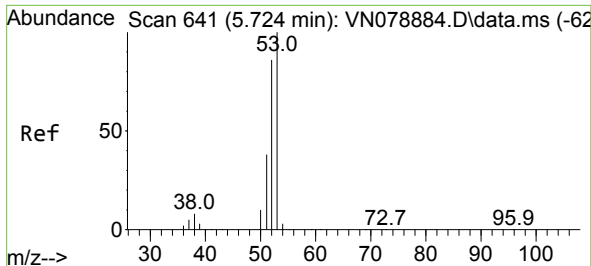
Ion Ratio Lower Upper

41 100

39 70.9 58.8 88.2

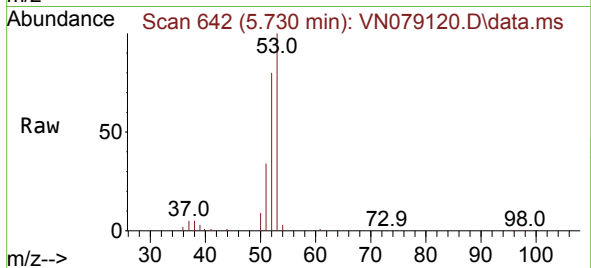
76 39.9 39.1 58.7



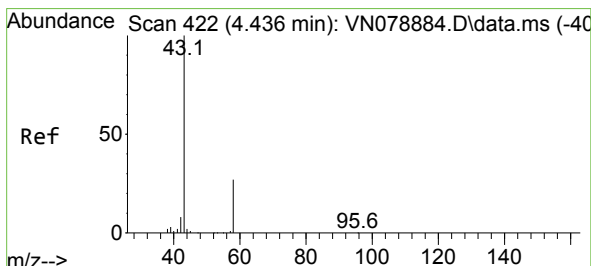
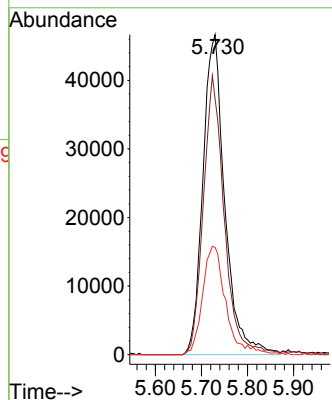
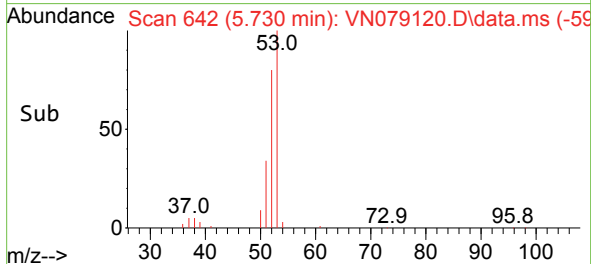


#15
Acrylonitrile
Concen: 92.778 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

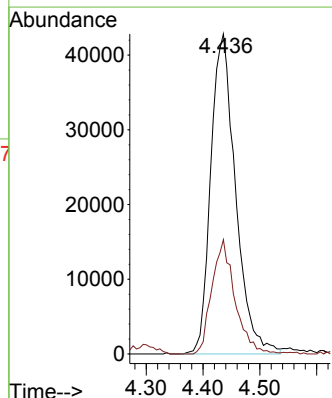
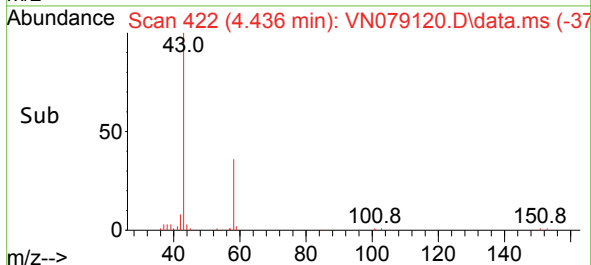
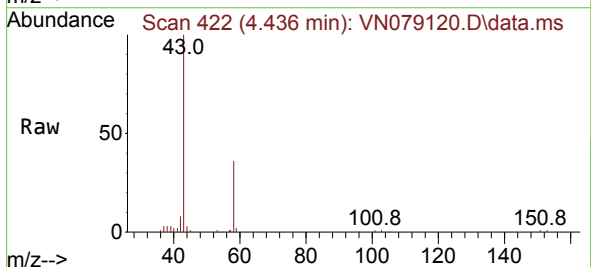


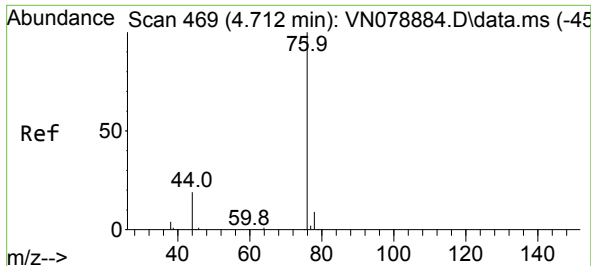
Tgt Ion: 53 Resp: 154703
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 85.716 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 43 Resp: 129732
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

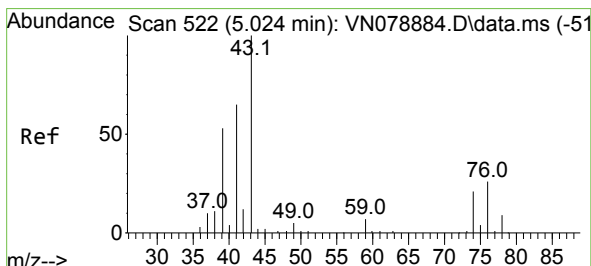
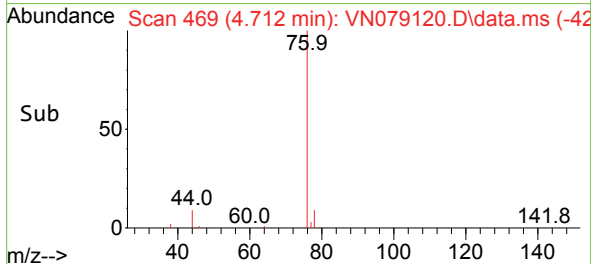
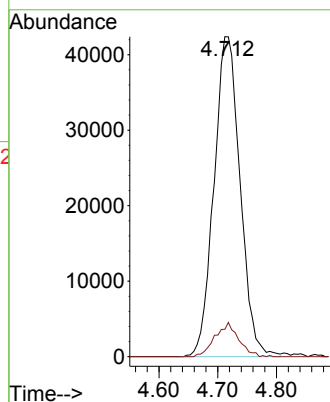
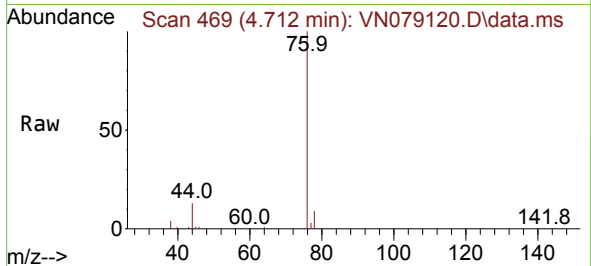




#17
Carbon Disulfide
Concen: 18.470 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

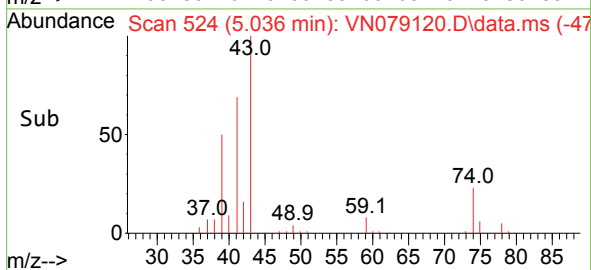
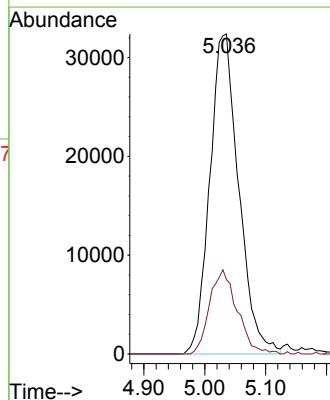
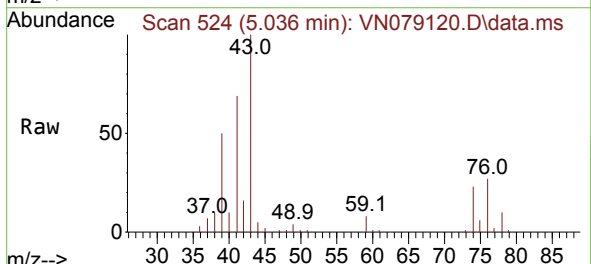
Instrument :
MSVOA_N
ClientSampleId :

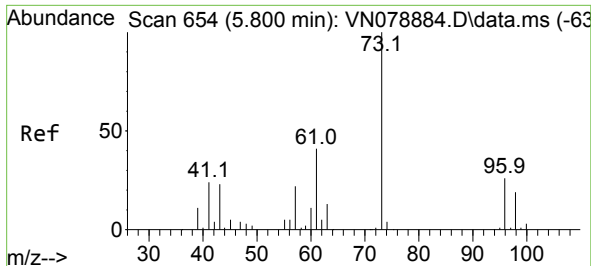
Tgt Ion: 76 Resp: 130838
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 16.692 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 43 Resp: 106727
Ion Ratio Lower Upper
43 100
74 25.1 26.2 39.4#

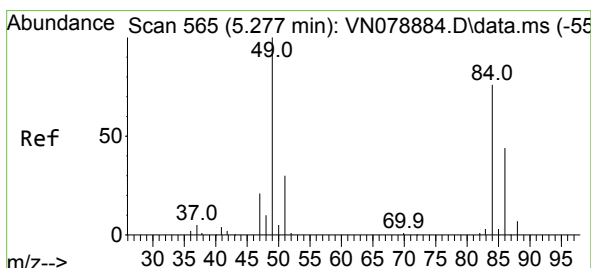
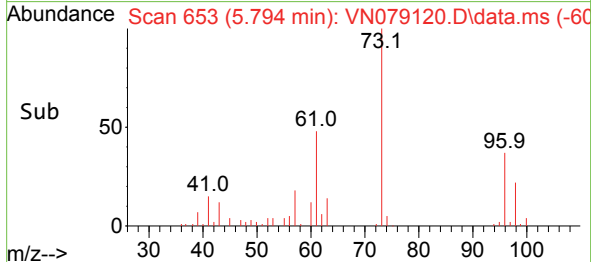
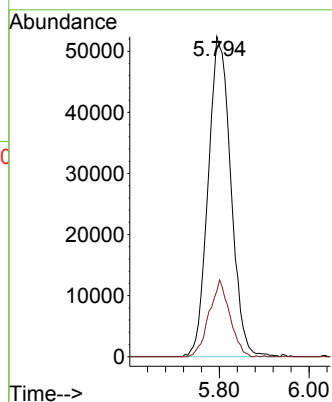
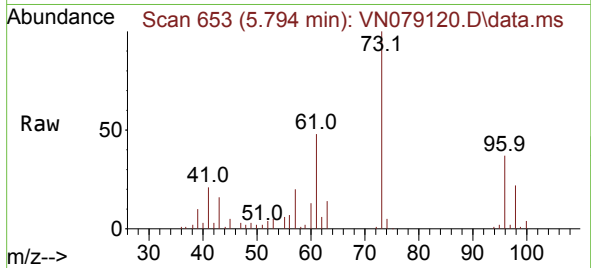




#19
Methyl tert-butyl Ether
Concen: 20.154 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

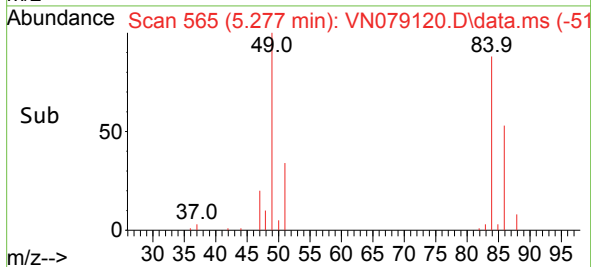
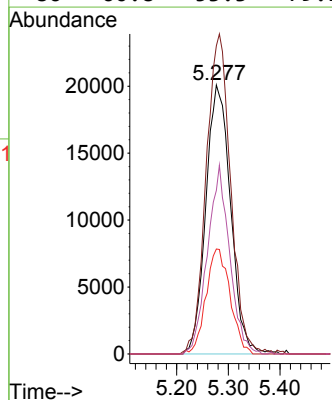
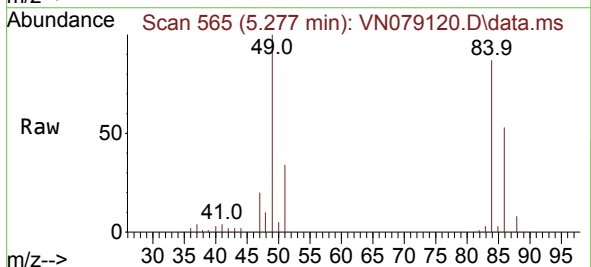
Instrument :
MSVOA_N
ClientSampleId :

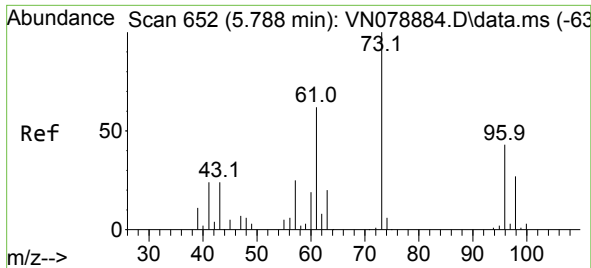
Tgt Ion: 73 Resp: 183723
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 20.746 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 84 Resp: 66914
Ion Ratio Lower Upper
84 100
49 114.6 79.7 119.5
51 39.0 25.2 37.8#
86 60.8 53.3 79.9

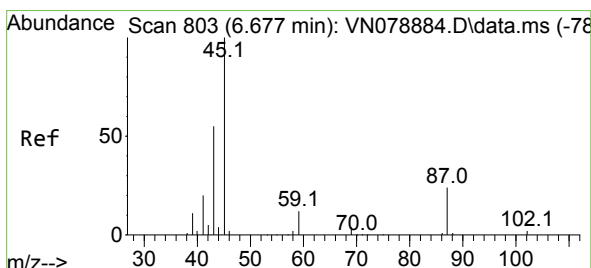
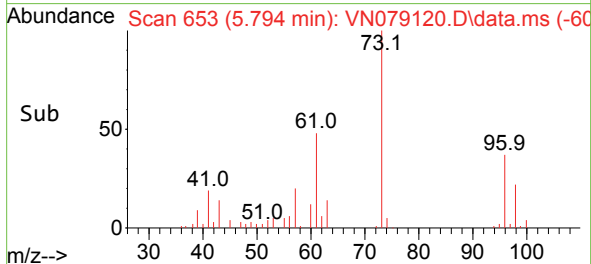
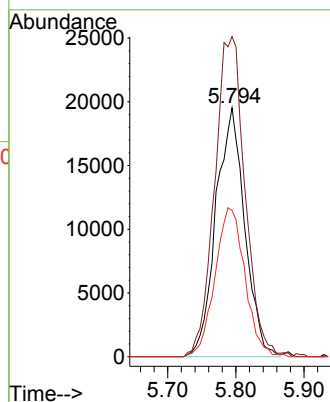
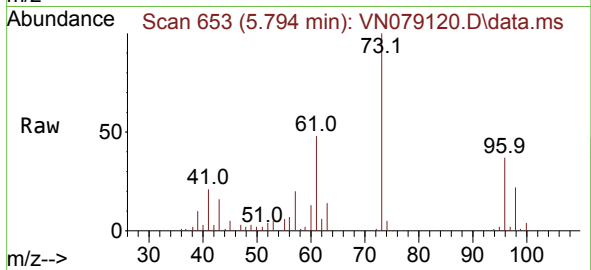




#21
trans-1,2-Dichloroethene
Concen: 20.219 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

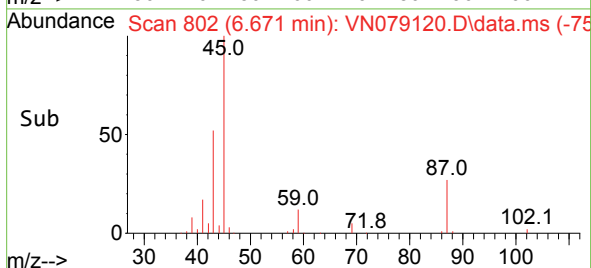
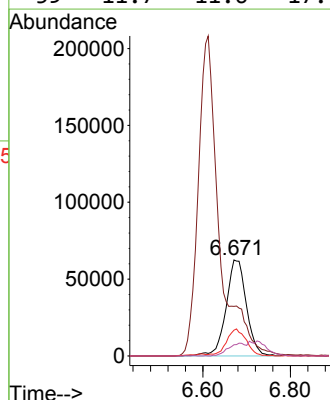
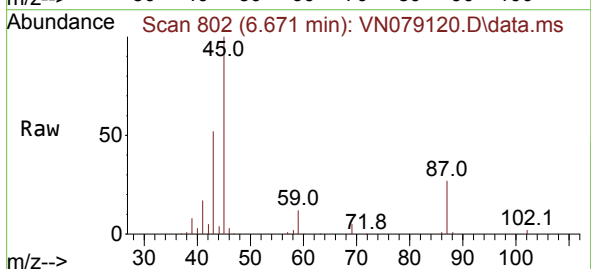
Instrument :
MSVOA_N
ClientSampleId :

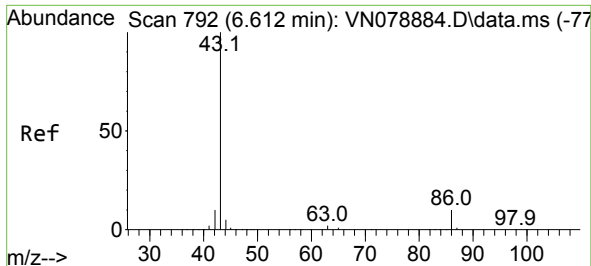
Tgt Ion: 96 Resp: 57377
Ion Ratio Lower Upper
96 100
61 128.6 90.1 135.1
98 58.8 46.4 69.6



#22
Diisopropyl ether
Concen: 18.935 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 45 Resp: 201766
Ion Ratio Lower Upper
45 100
43 51.1 45.5 68.3
87 26.8 31.8 47.8#
59 11.7 11.6 17.4

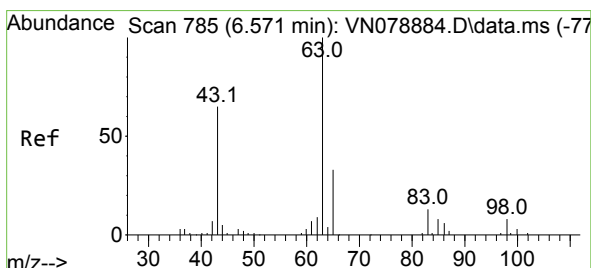
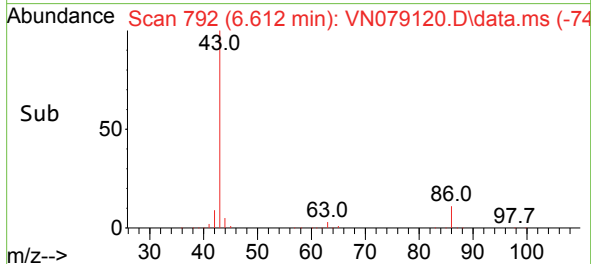
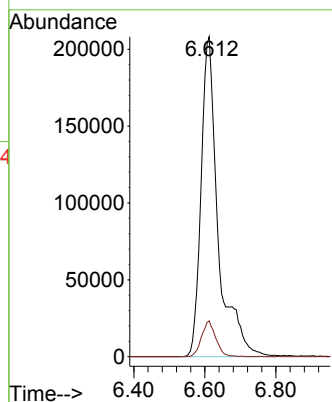
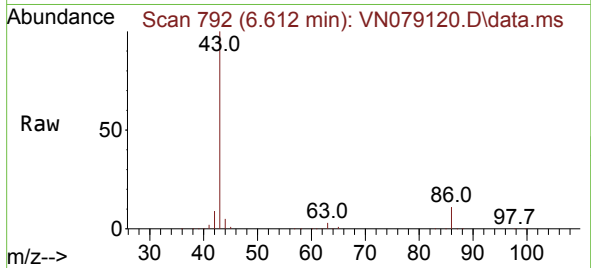




#23
 Vinyl Acetate
 Concen: 99.294 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

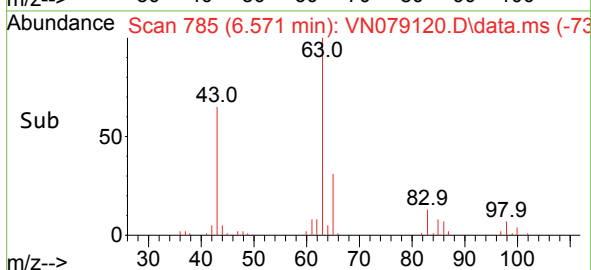
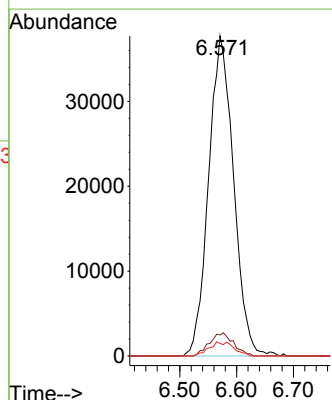
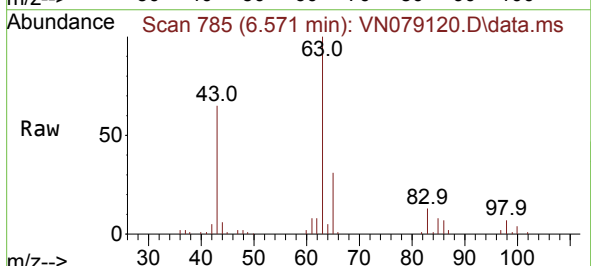
Instrument :
 MSVOA_N
 ClientSampleId :

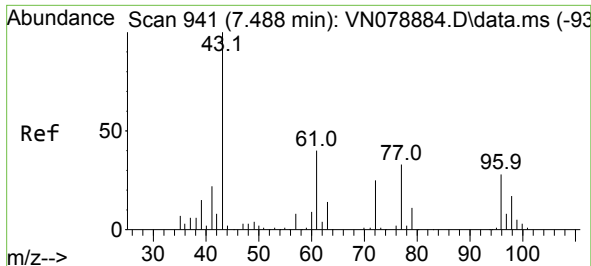
Tgt Ion: 43 Resp: 696650
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.785 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion: 63 Resp: 115172
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.9 2.5 7.4

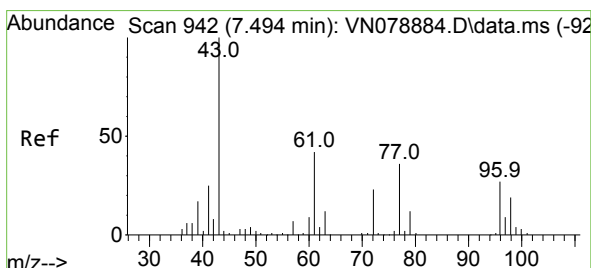
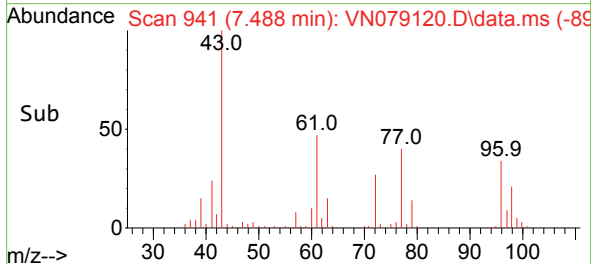
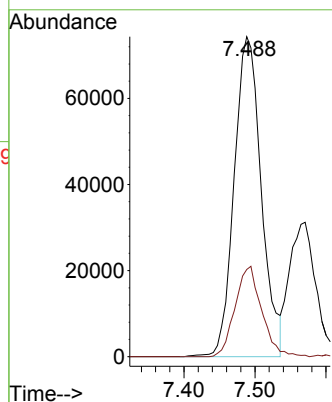
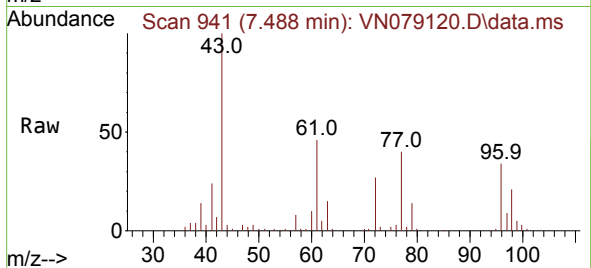




#25
2-Butanone
Concen: 81.317 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

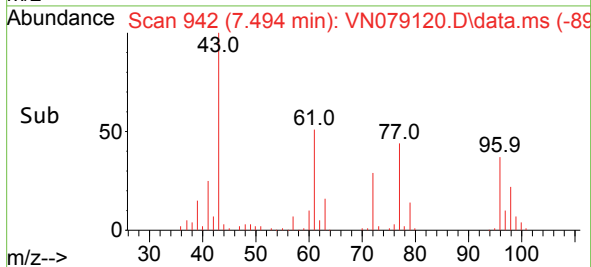
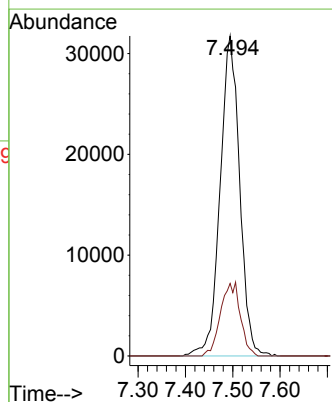
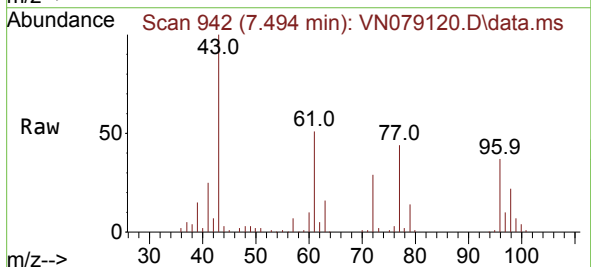
Instrument :
MSVOA_N
ClientSampleId :

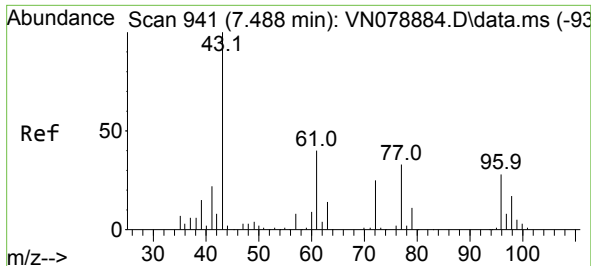
Tgt Ion: 43 Resp: 197322
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.317 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

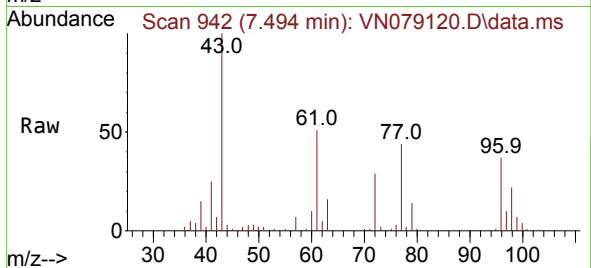
Tgt Ion: 77 Resp: 90890
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6



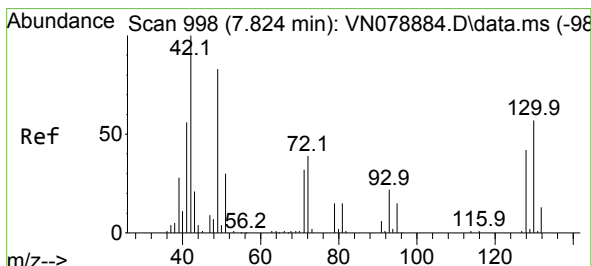
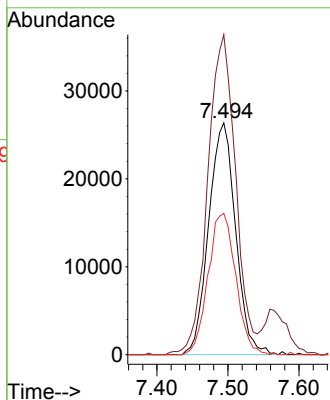
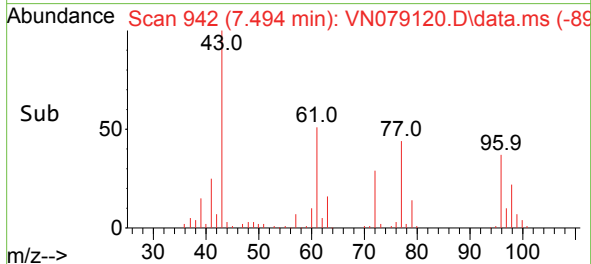


#27
 cis-1,2-Dichloroethene
 Concen: 20.148 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

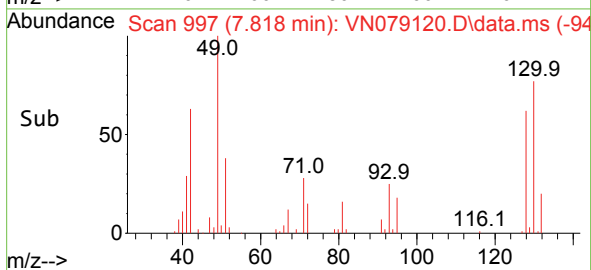
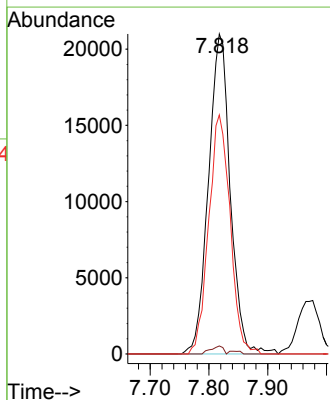
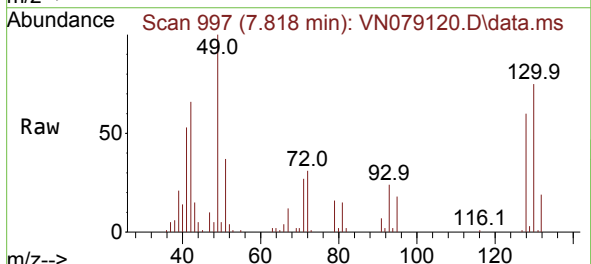


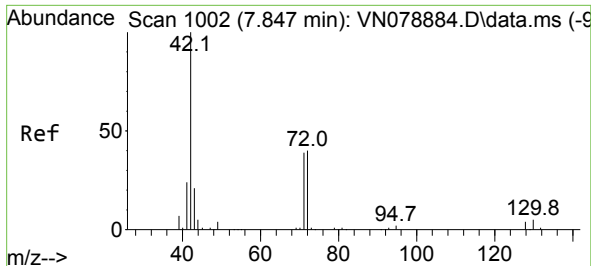
Tgt Ion: 96 Resp: 69496
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 255.2
 98 62.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 17.534 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion: 49 Resp: 54143
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 73.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 79.889 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

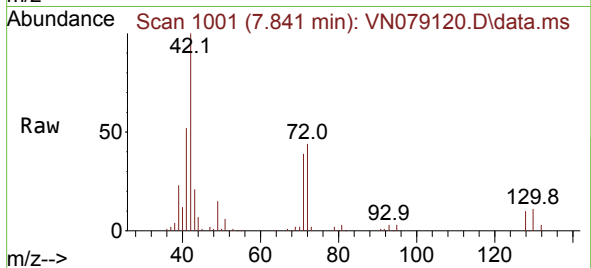
Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :



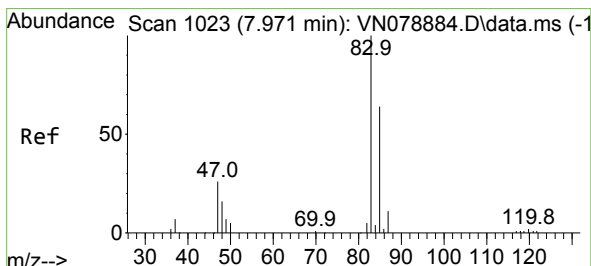
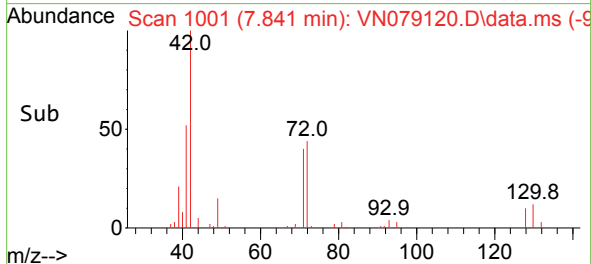
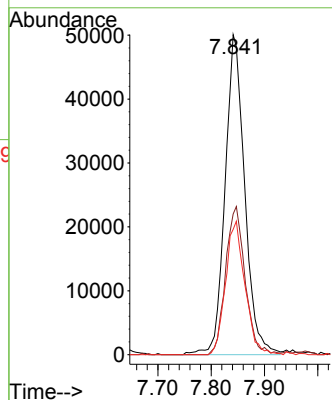
Tgt Ion: 42 Resp: 128312

Ion Ratio Lower Upper

42 100

72 46.0 49.8 74.6#

71 41.2 47.4 71.2#



#30

Chloroform

Concen: 20.066 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079120.D

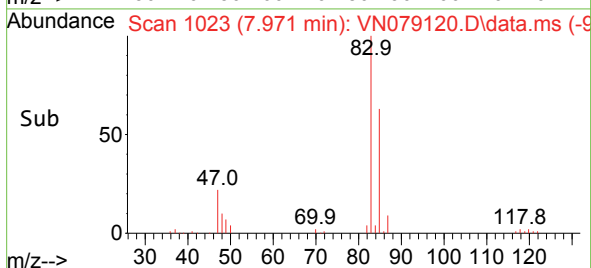
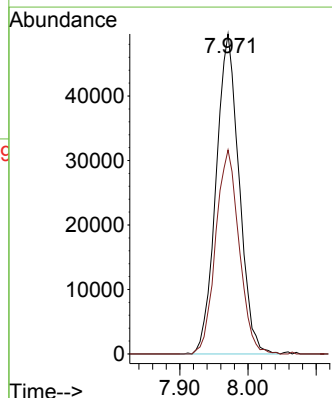
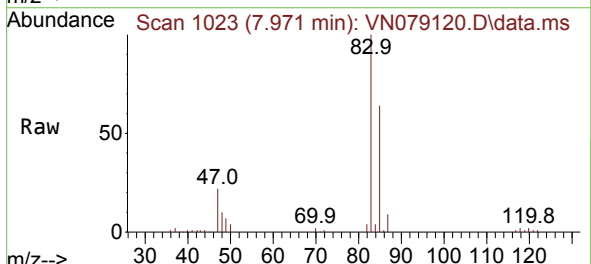
Acq: 01 Sep 2023 14:10

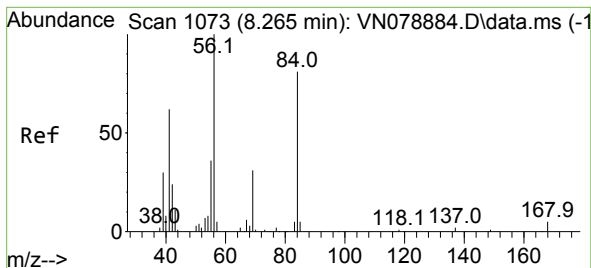
Tgt Ion: 83 Resp: 116692

Ion Ratio Lower Upper

83 100

85 63.8 55.4 83.0





#31

Cyclohexane

Concen: 17.708 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

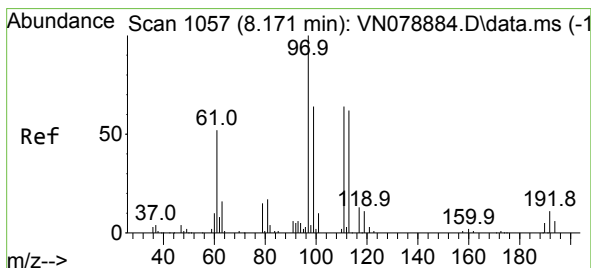
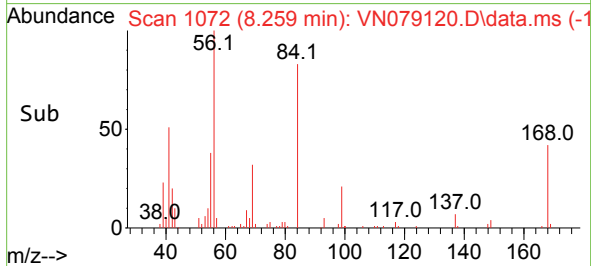
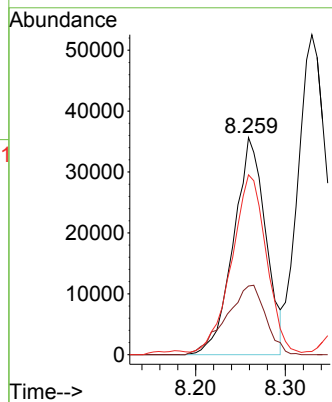
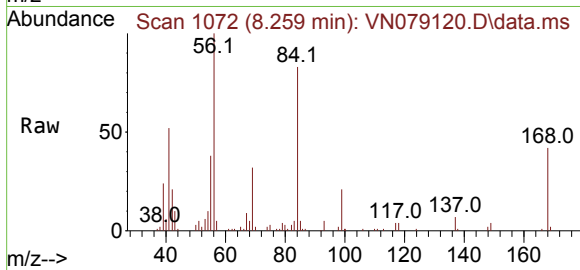
Tgt Ion: 56 Resp: 88810

Ion Ratio Lower Upper

56 100

69 31.6 26.8 40.2

84 81.2 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 20.028 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

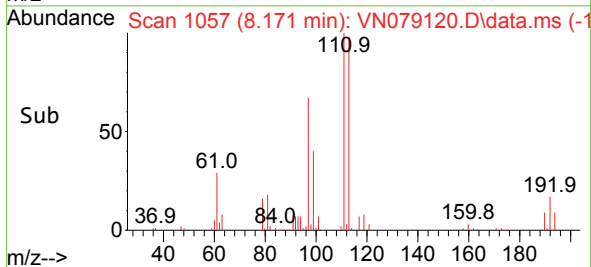
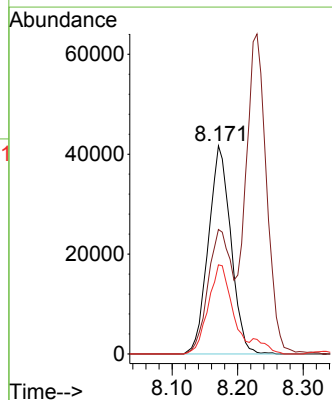
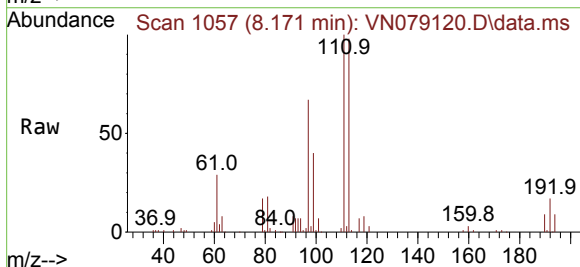
Tgt Ion: 97 Resp: 99315

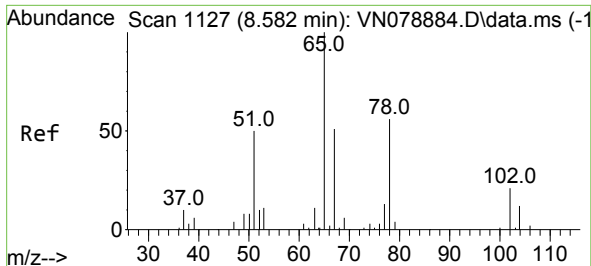
Ion Ratio Lower Upper

97 100

99 60.9 50.3 75.5

61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.870 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

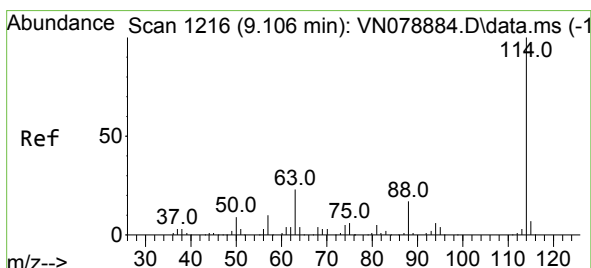
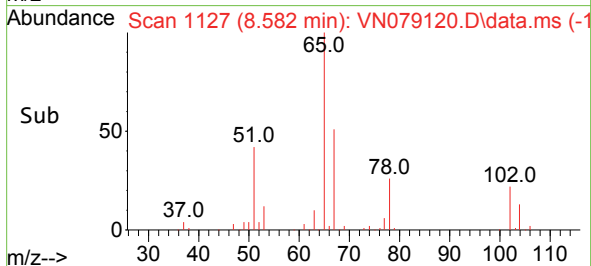
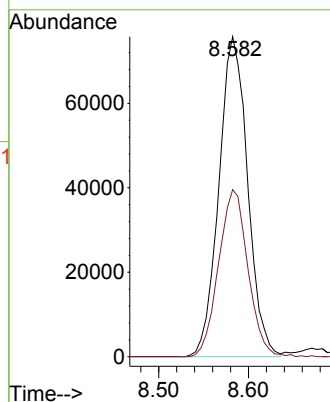
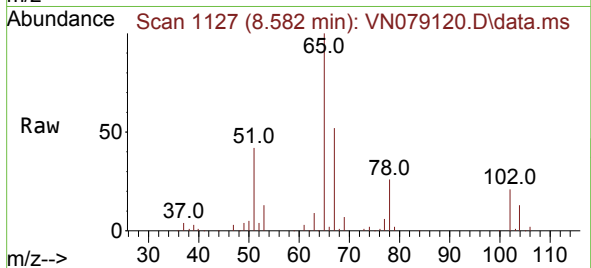
ClientSampleId :

Tgt Ion: 65 Resp: 168254

Ion Ratio Lower Upper

65 100

67 53.3 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: VN079120.D

Acq: 01 Sep 2023 14:10

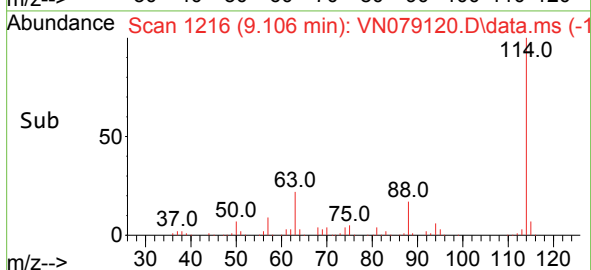
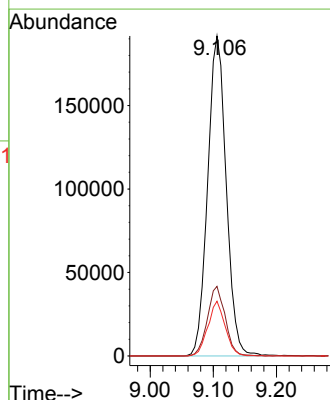
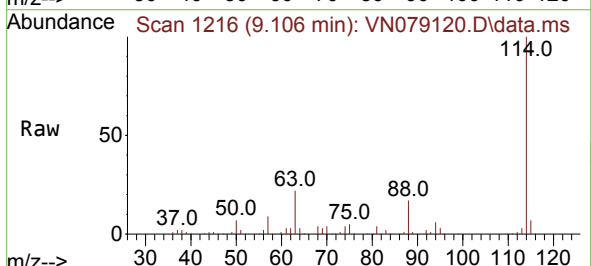
Tgt Ion: 114 Resp: 390733

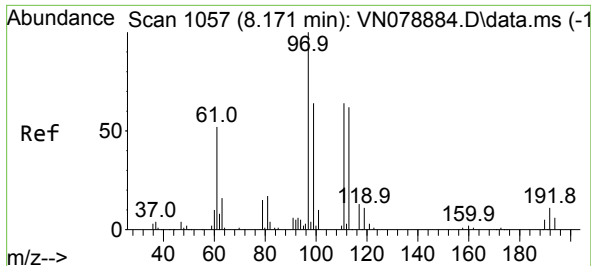
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.927 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

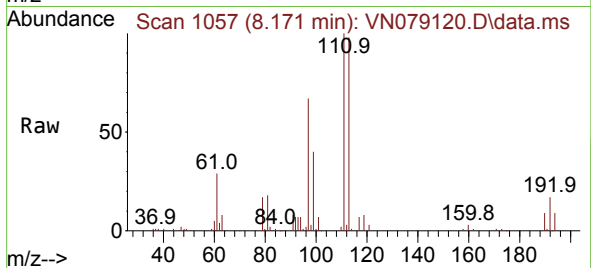
Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :



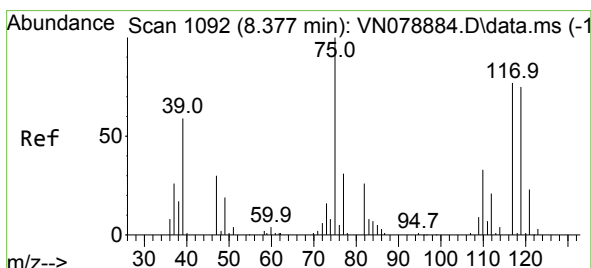
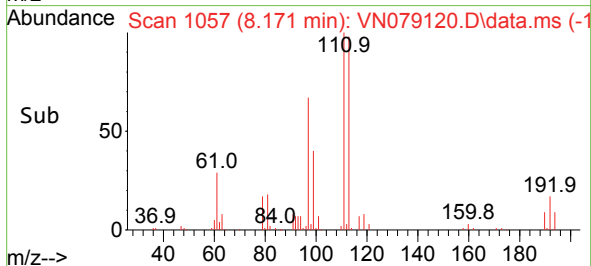
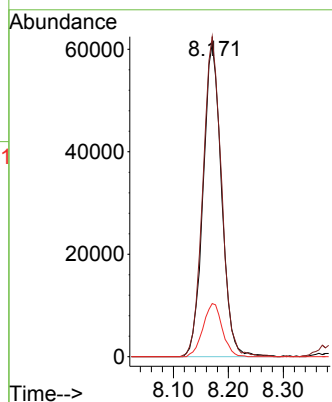
Tgt Ion:113 Resp: 141839

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 21.411 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

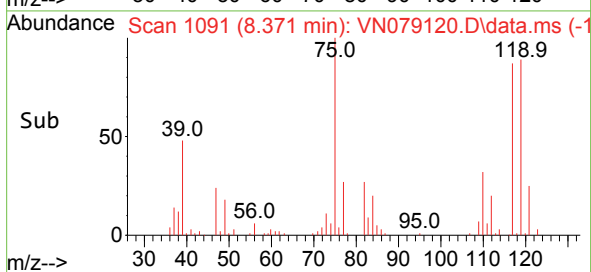
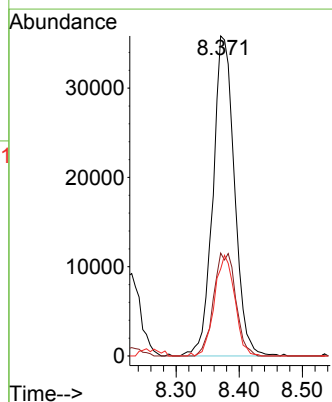
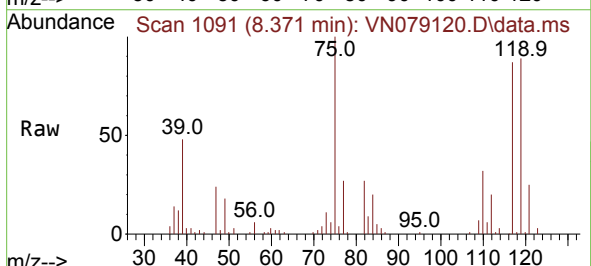
Tgt Ion: 75 Resp: 84711

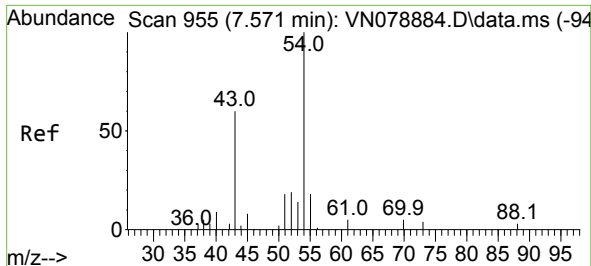
Ion Ratio Lower Upper

75 100

110 33.2 19.1 57.3

77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 18.546 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

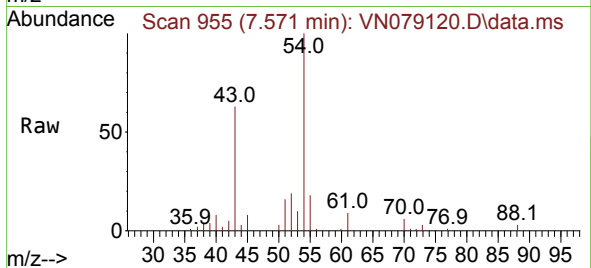
Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :



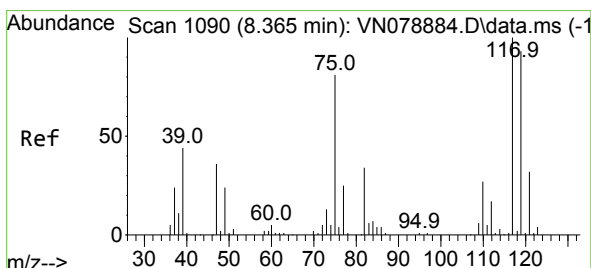
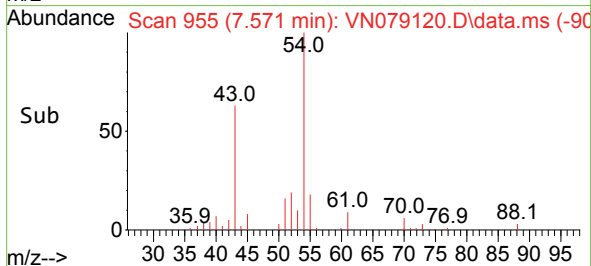
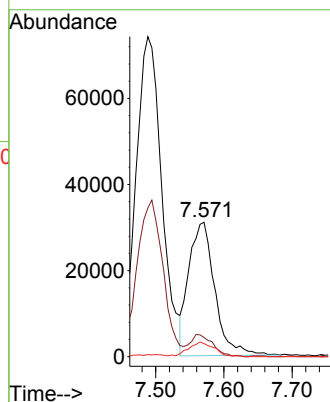
Tgt Ion: 43 Resp: 82099

Ion Ratio Lower Upper

43 100

61 14.4 13.2 19.8

70 10.9 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 21.338 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

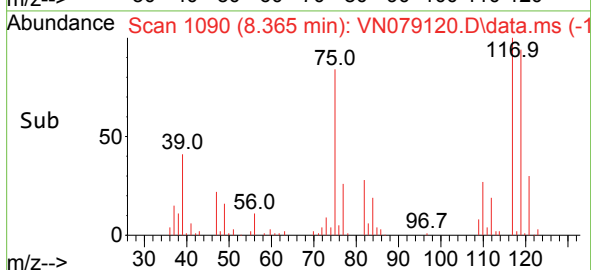
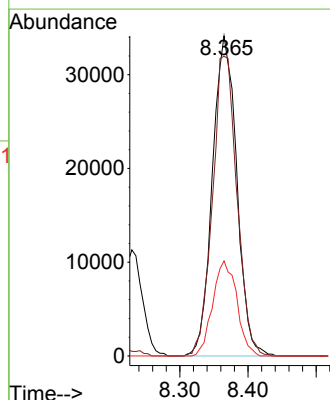
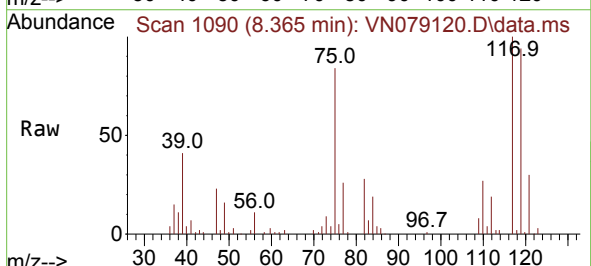
Tgt Ion: 117 Resp: 84590

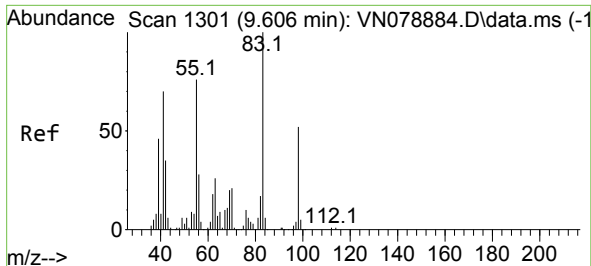
Ion Ratio Lower Upper

117 100

119 93.6 77.3 115.9

121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 21.568 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

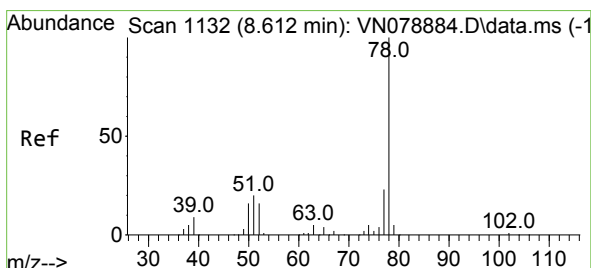
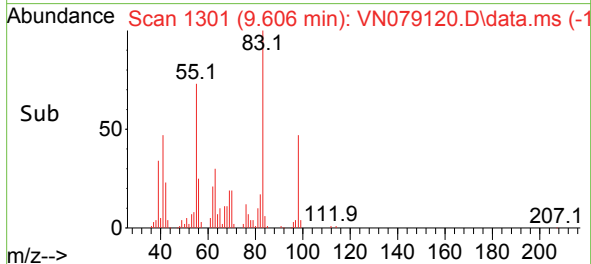
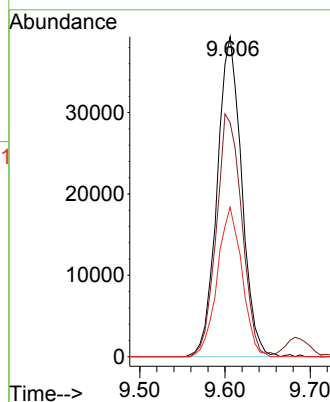
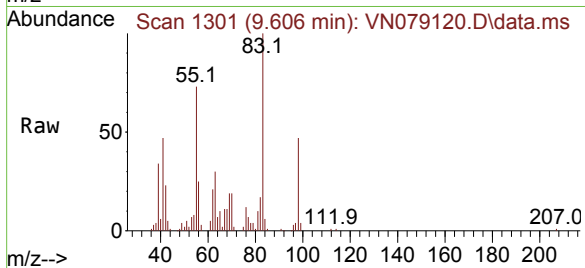
Tgt Ion: 83 Resp: 78483

Ion Ratio Lower Upper

83 100

55 73.2 49.1 73.7

98 46.7 40.6 61.0



#40

Benzene

Concen: 22.126 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079120.D

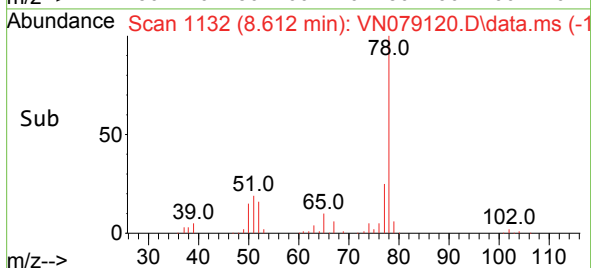
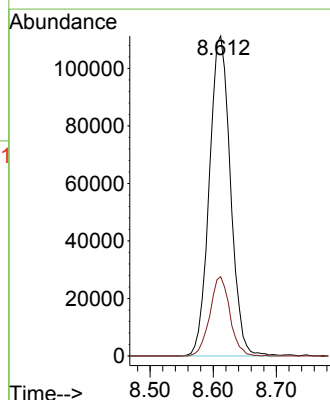
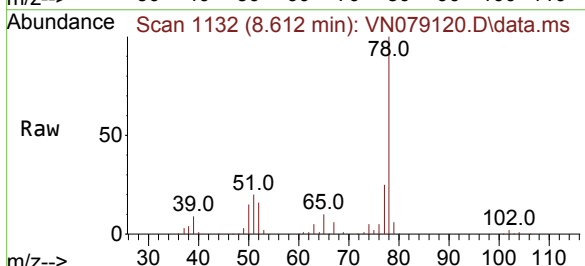
Acq: 01 Sep 2023 14:10

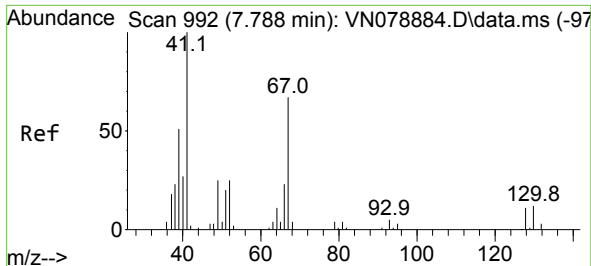
Tgt Ion: 78 Resp: 258748

Ion Ratio Lower Upper

78 100

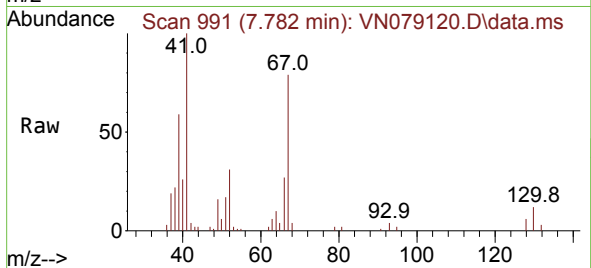
77 24.8 19.0 28.6



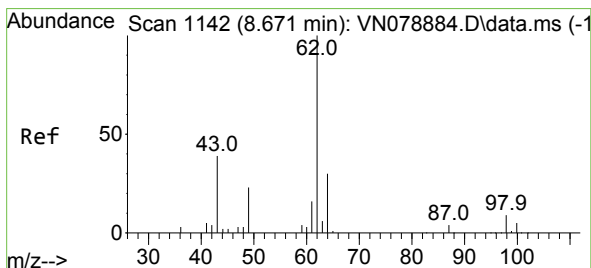
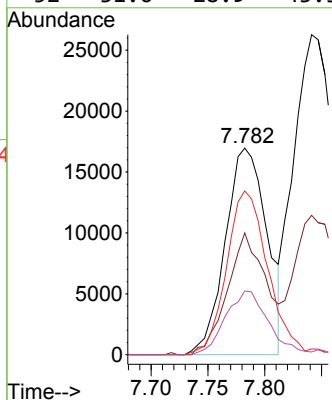
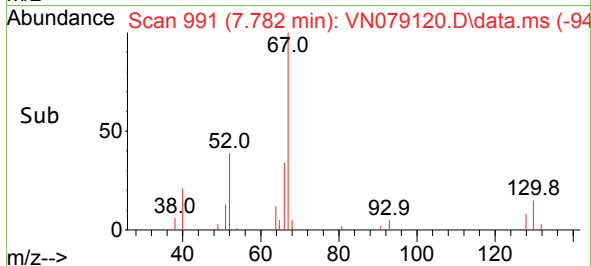


#41
Methacrylonitrile
Concen: 17.955 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

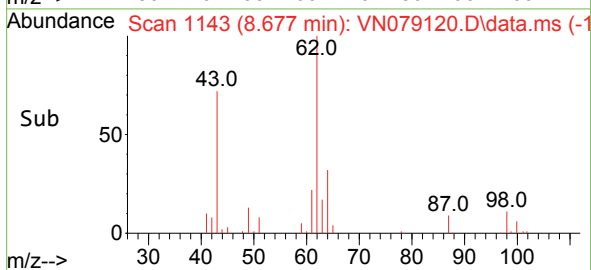
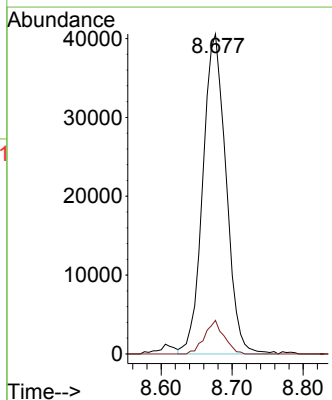
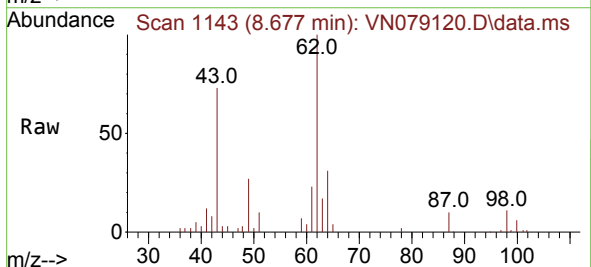


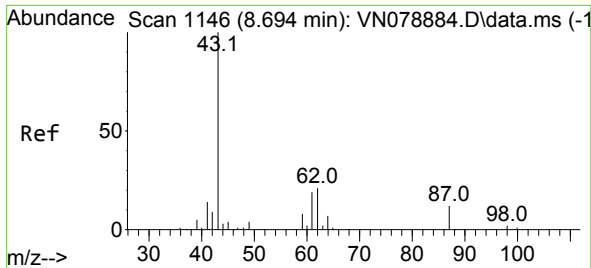
Tgt Ion:	41	Resp:	43290
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.6	64.0
67	79.4	77.5	116.3
52	31.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.102 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion:	62	Resp:	92196
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

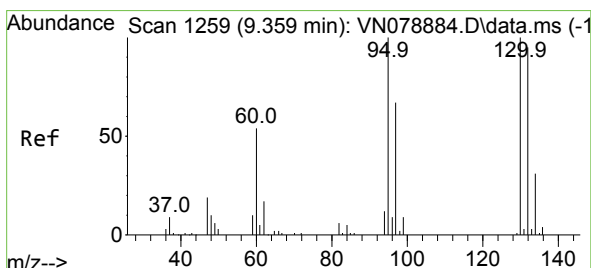
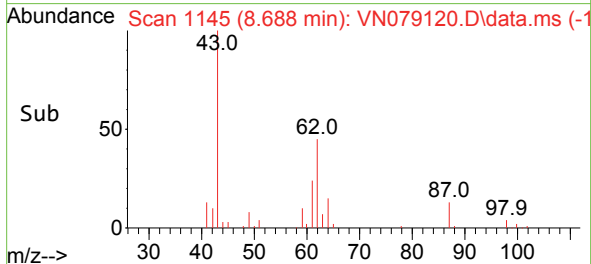
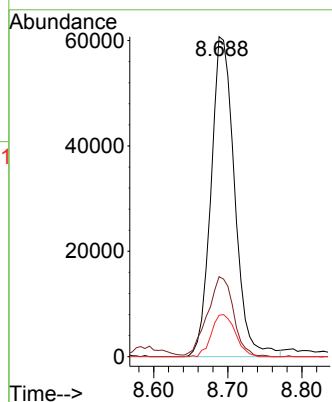
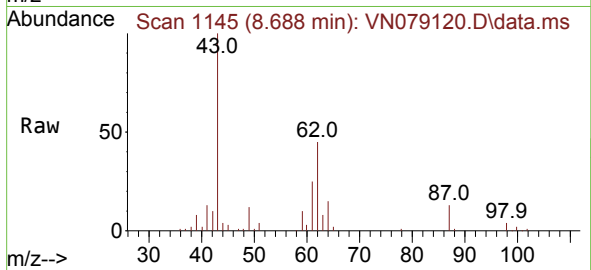




#43
Isopropyl Acetate
Concen: 17.167 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

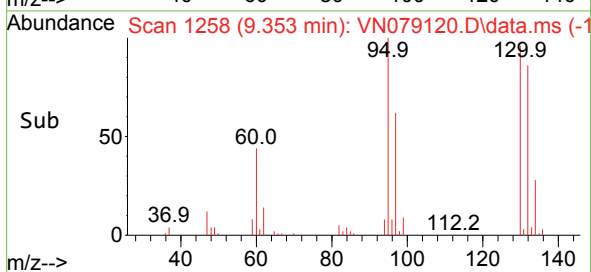
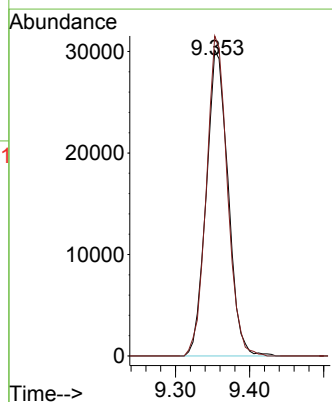
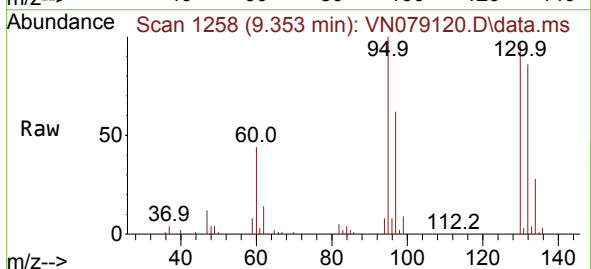
Instrument :
MSVOA_N
ClientSampleId :

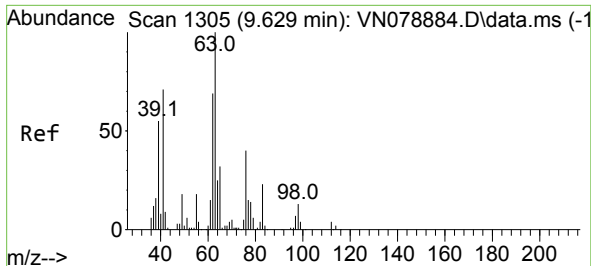
Tgt Ion: 43 Resp: 134322
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 13.3 14.6 21.8#



#44
Trichloroethene
Concen: 22.198 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion:130 Resp: 61682
Ion Ratio Lower Upper
130 100
95 104.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.697 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

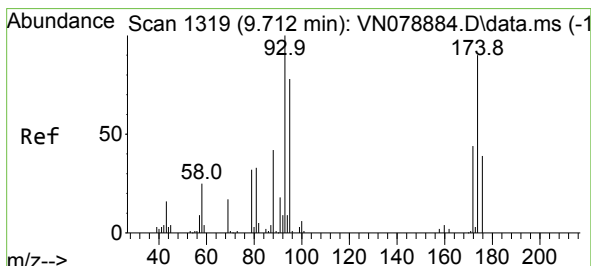
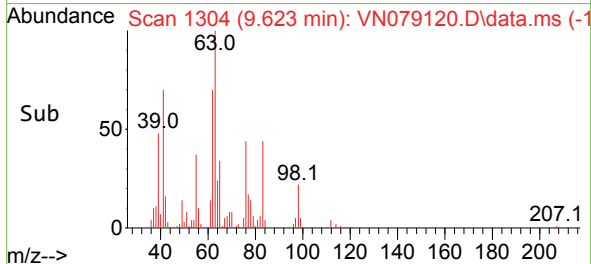
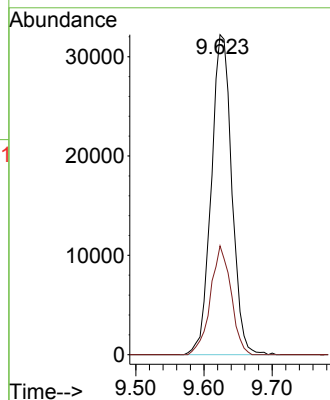
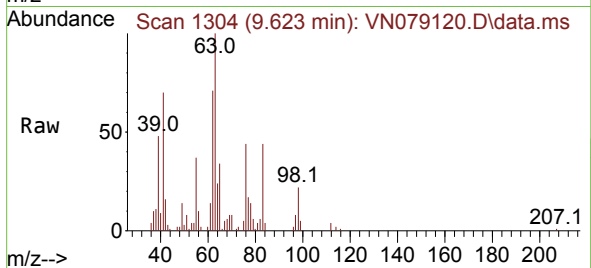
ClientSampleId :

Tgt Ion: 63 Resp: 67556

Ion Ratio Lower Upper

63 100

65 34.0 23.9 35.9



#46

Dibromomethane

Concen: 20.572 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

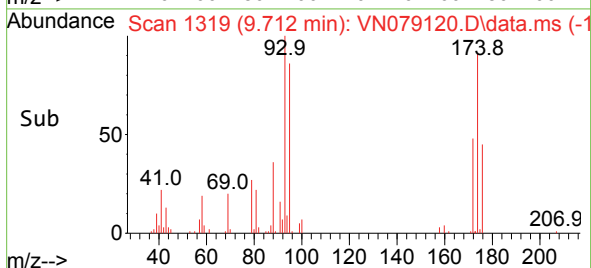
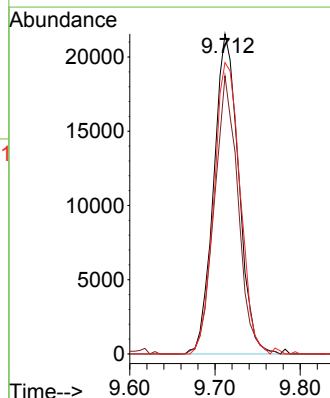
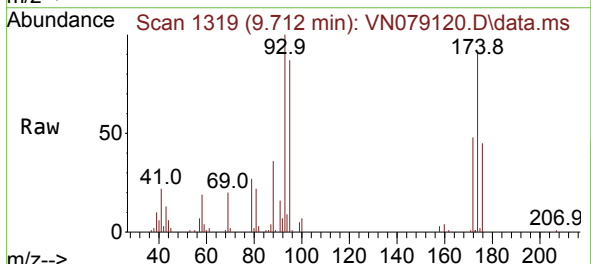
Tgt Ion: 93 Resp: 43933

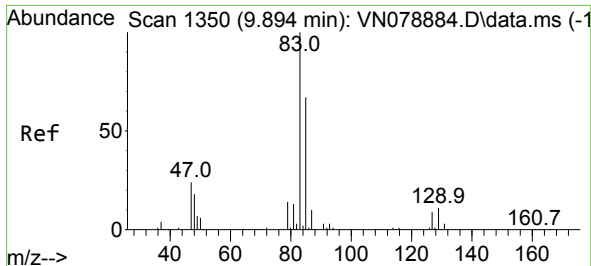
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

174 95.3 65.6 98.4

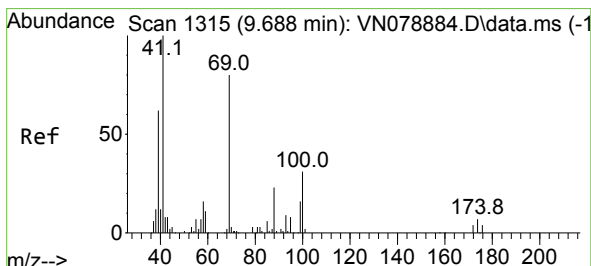
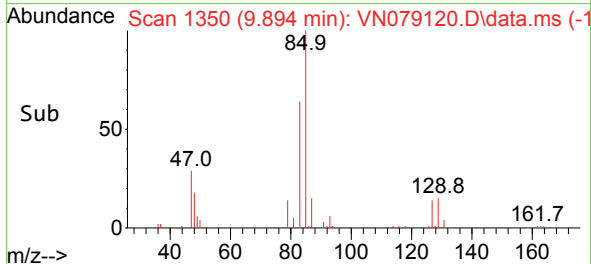
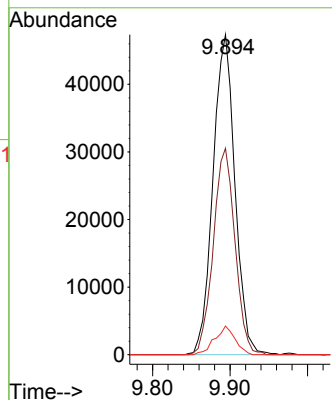
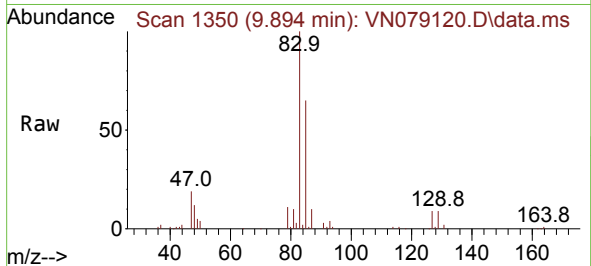




#47
Bromodichloromethane
Concen: 22.071 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

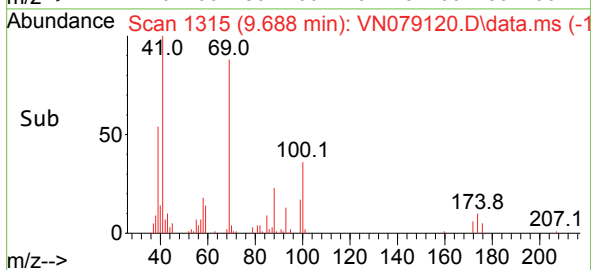
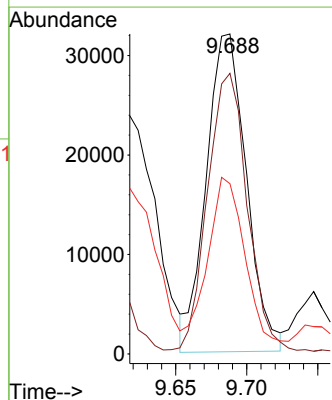
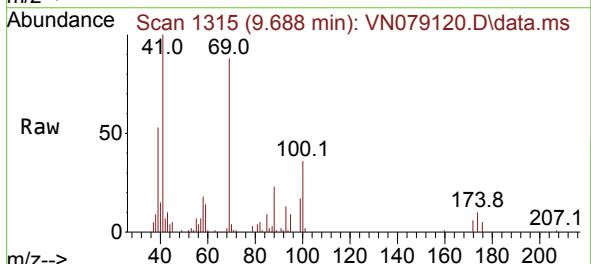
Instrument :
MSVOA_N
ClientSampleId :

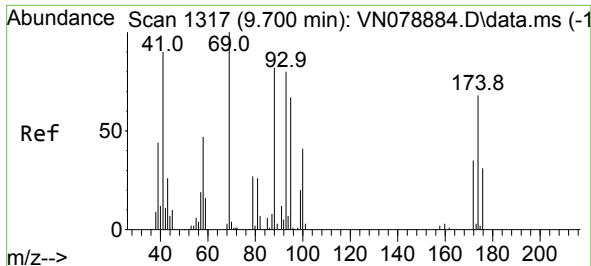
Tgt Ion: 83 Resp: 93074
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 17.690 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 41 Resp: 62721
Ion Ratio Lower Upper
41 100
69 90.2 90.4 135.6#
39 54.9 54.6 81.8





#49

1,4-Dioxane

Concen: 375.499 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

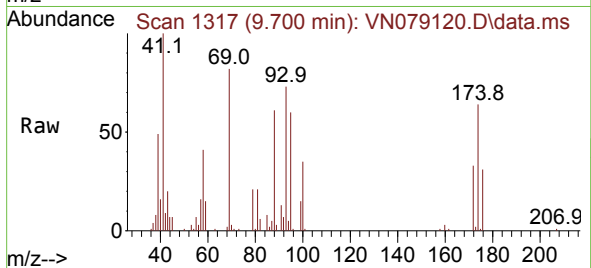
Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :



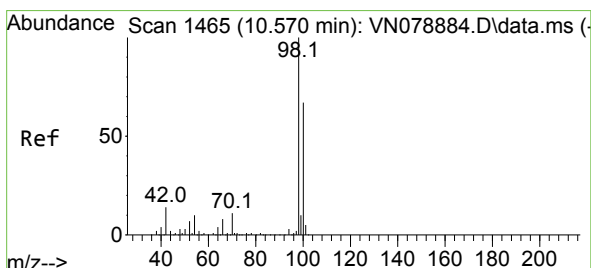
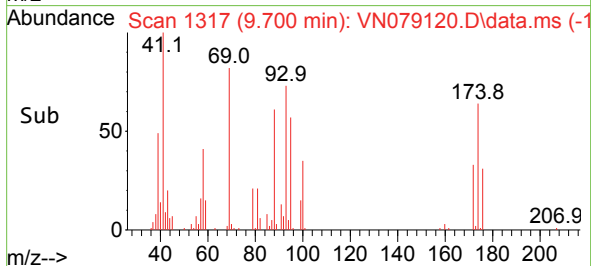
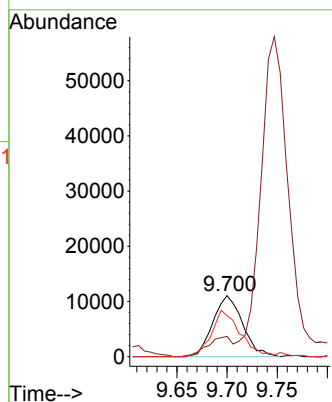
Tgt Ion: 88 Resp: 22677

Ion Ratio Lower Upper

88 100

43 27.7 17.0 25.6#

58 73.5 47.0 70.4#



#50

Toluene-d8

Concen: 50.125 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079120.D

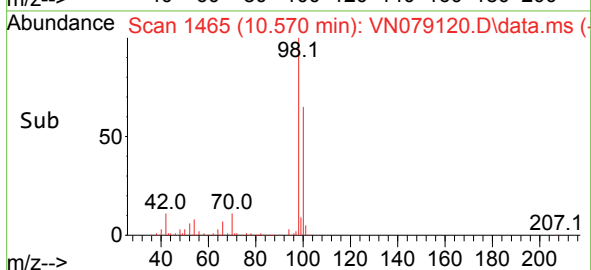
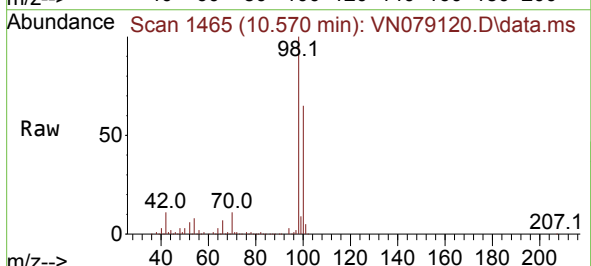
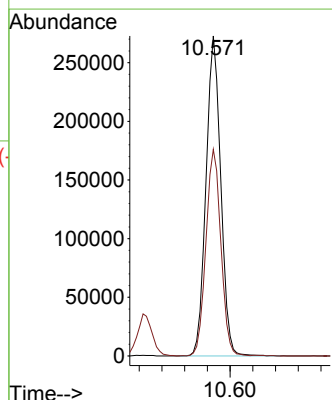
Acq: 01 Sep 2023 14:10

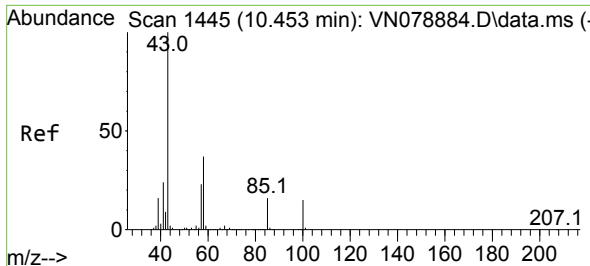
Tgt Ion: 98 Resp: 489531

Ion Ratio Lower Upper

98 100

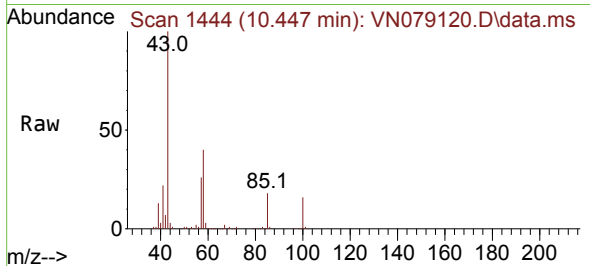
100 65.3 52.0 78.0



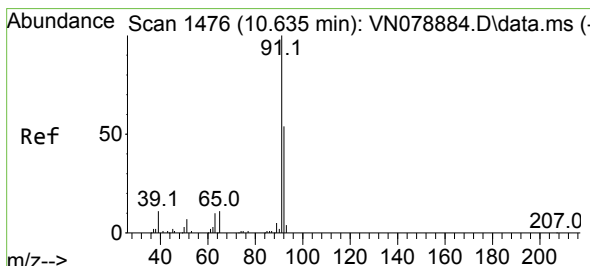
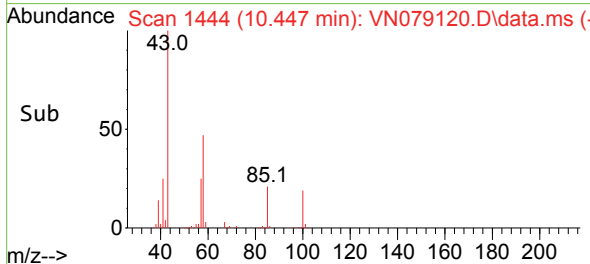
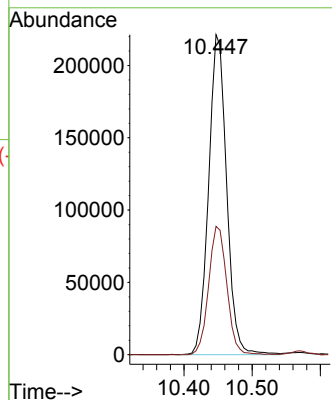


#51
4-Methyl-2-Pentanone
Concen: 87.679 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :

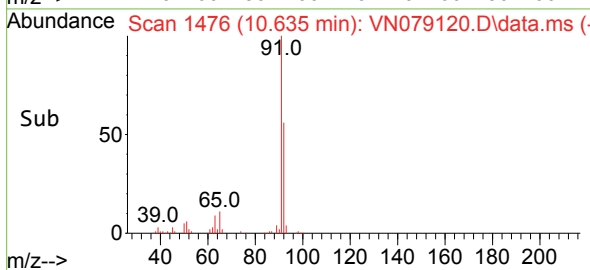
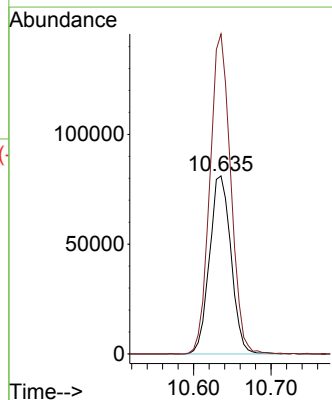
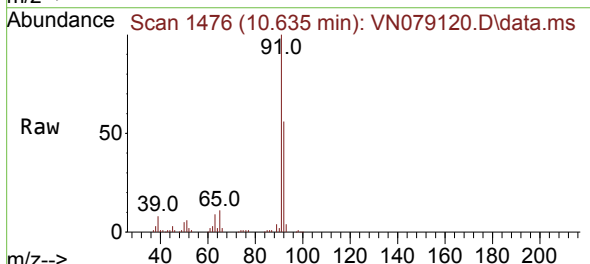


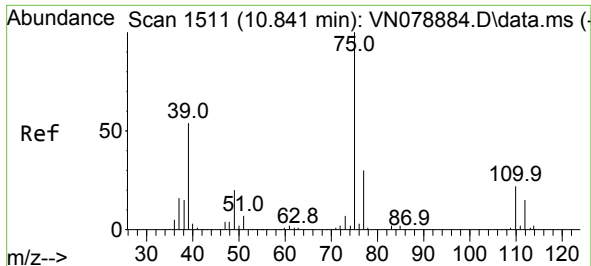
Tgt Ion: 43 Resp: 406884
Ion Ratio Lower Upper
43 100
58 40.5 36.6 54.8



#52
Toluene
Concen: 21.735 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 92 Resp: 156056
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.580 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

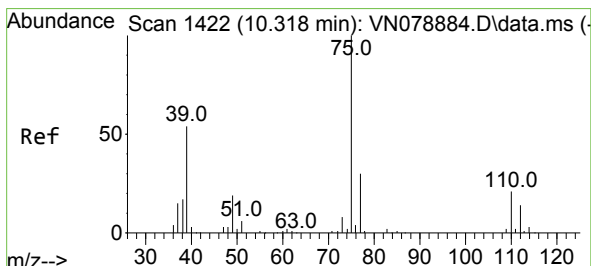
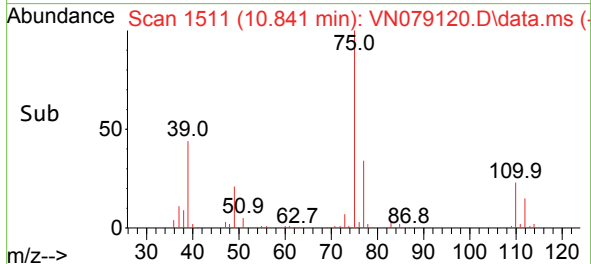
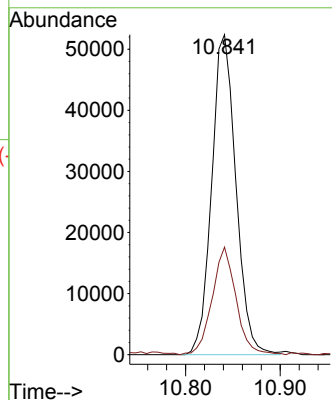
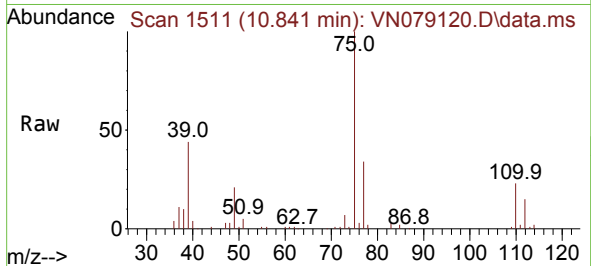
ClientSampleId :

Tgt Ion: 75 Resp: 93071

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 21.064 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

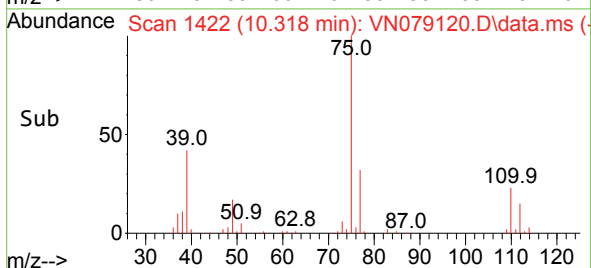
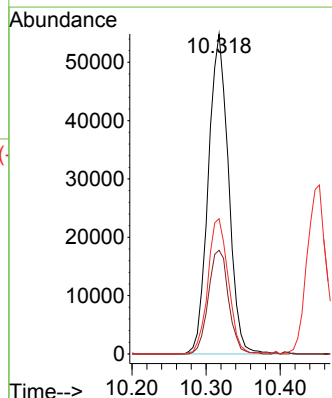
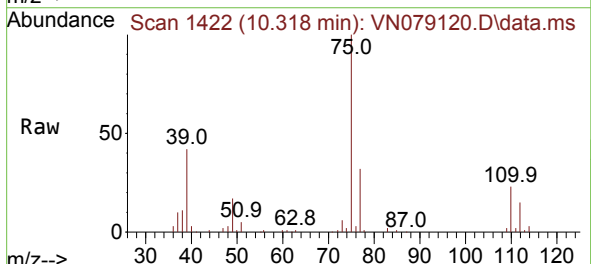
Tgt Ion: 75 Resp: 103749

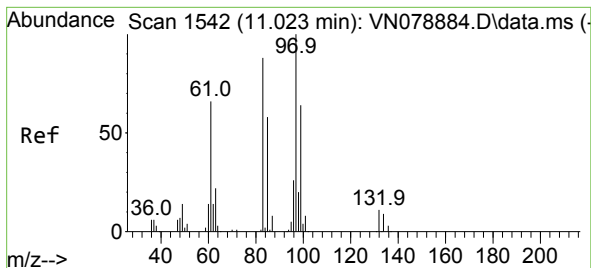
Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

39 42.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 22.422 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 64552

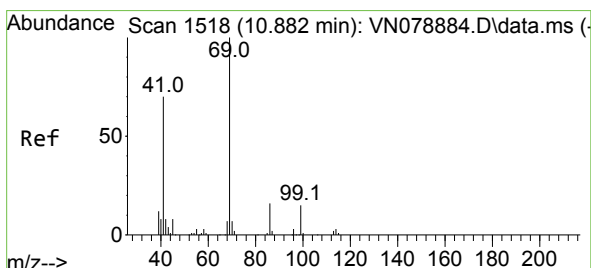
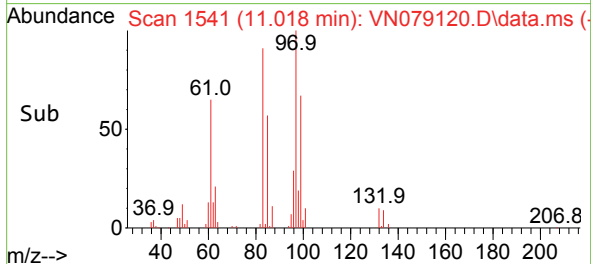
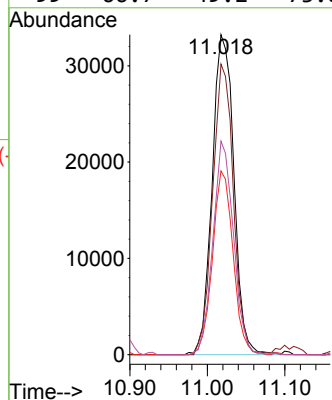
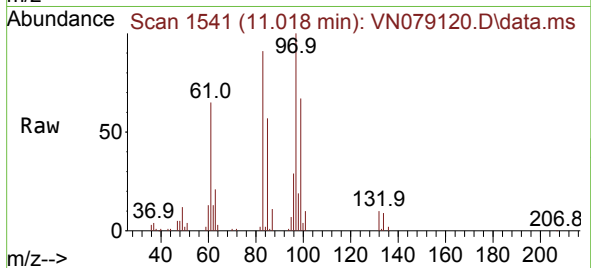
Ion Ratio Lower Upper

97 100

83 90.8 65.1 97.7

85 57.4 43.4 65.2

99 66.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.311 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

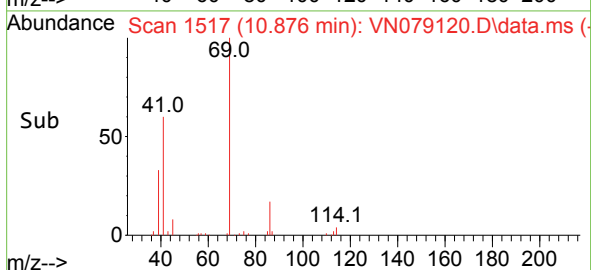
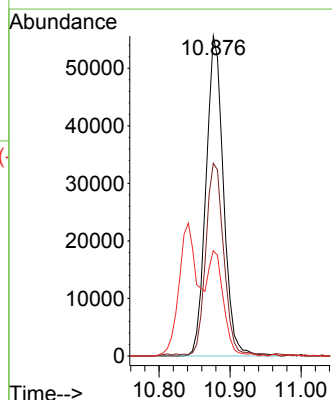
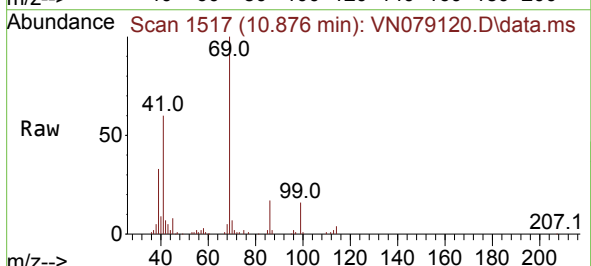
Tgt Ion: 69 Resp: 95104

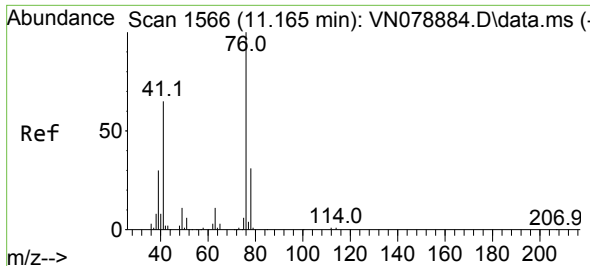
Ion Ratio Lower Upper

69 100

41 62.5 39.6 59.4#

39 28.2 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 21.503 ug/l

RT: 11.170 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

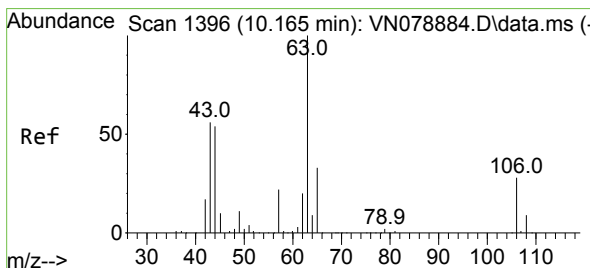
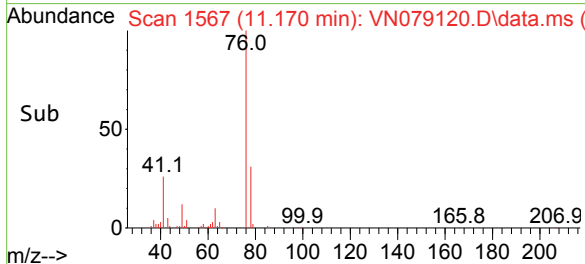
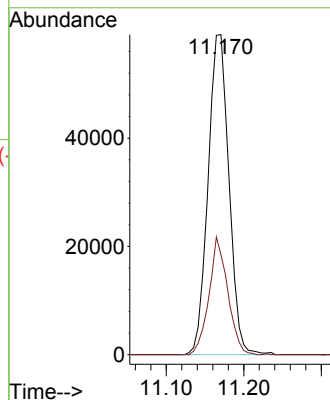
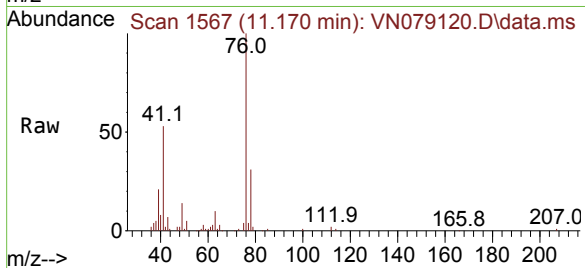
ClientSampleId :

Tgt Ion: 76 Resp: 110725

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 75.639 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079120.D

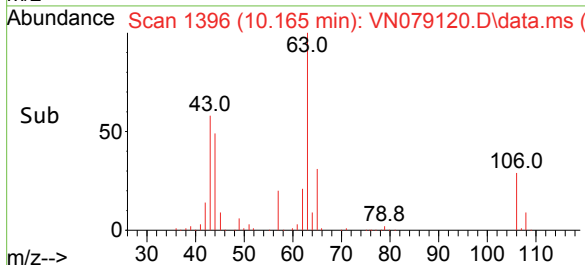
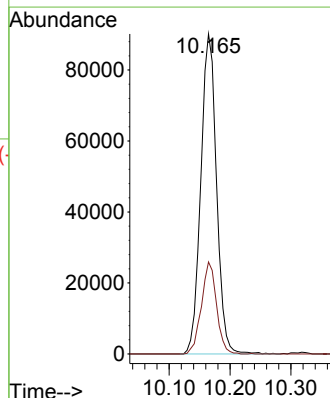
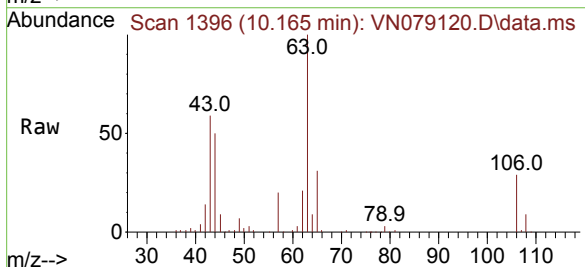
Acq: 01 Sep 2023 14:10

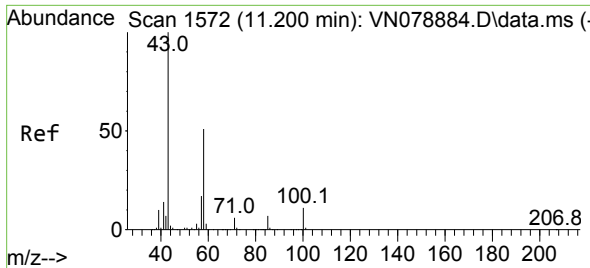
Tgt Ion: 63 Resp: 162035

Ion Ratio Lower Upper

63 100

106 27.6 26.2 39.4

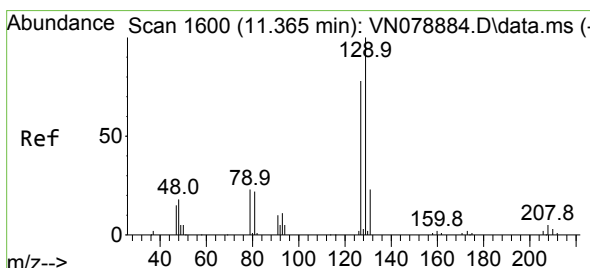
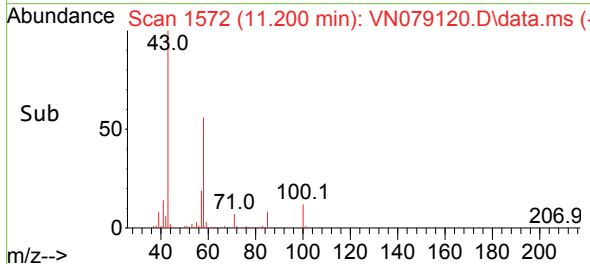
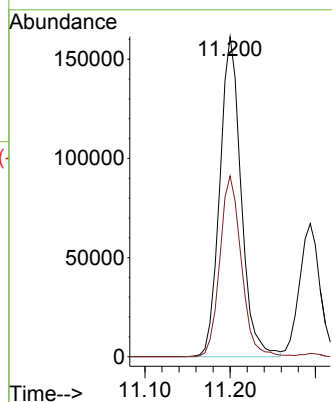
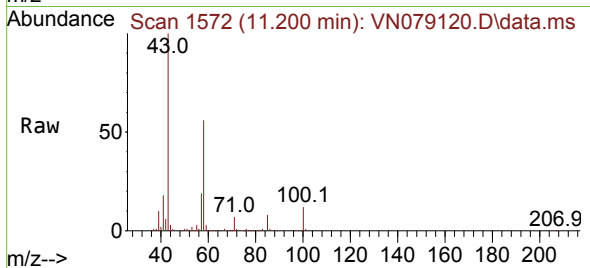




#59
2-Hexanone
Concen: 83.347 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

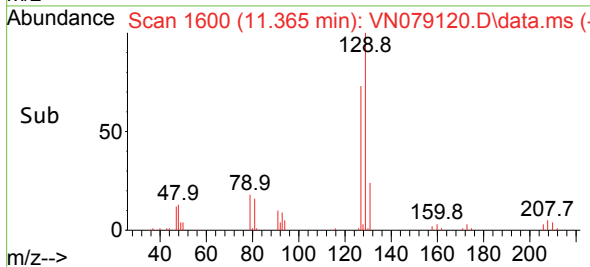
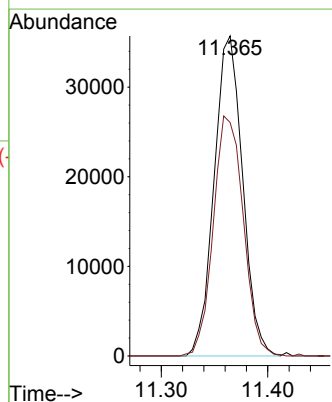
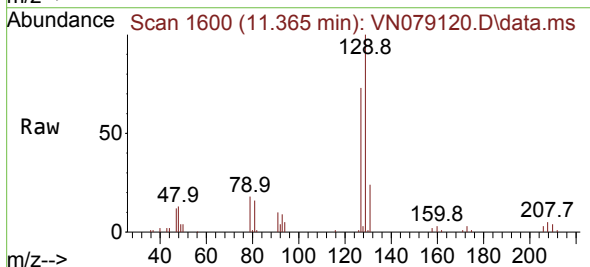
Instrument :
MSVOA_N
ClientSampleId :

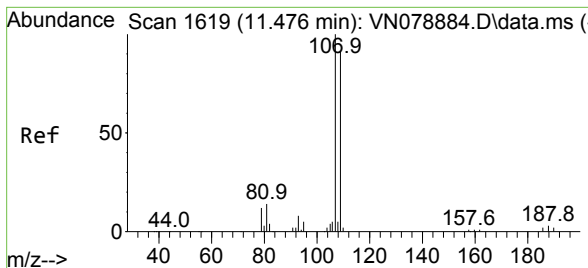
Tgt Ion: 43 Resp: 280143
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1



#60
Dibromochloromethane
Concen: 21.907 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion:129 Resp: 66368
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

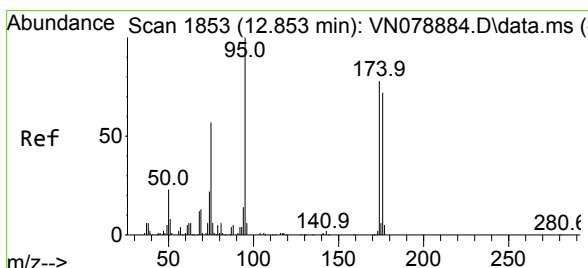
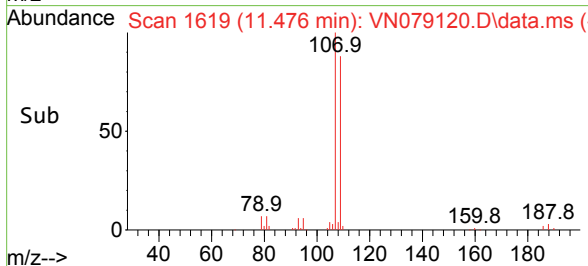
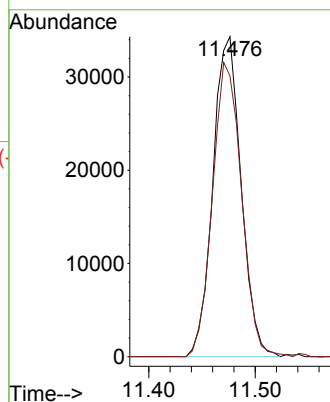
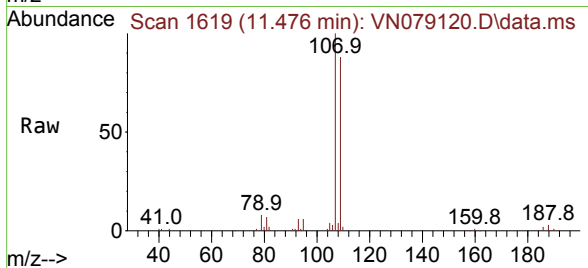




#61
1,2-Dibromoethane
Concen: 21.525 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

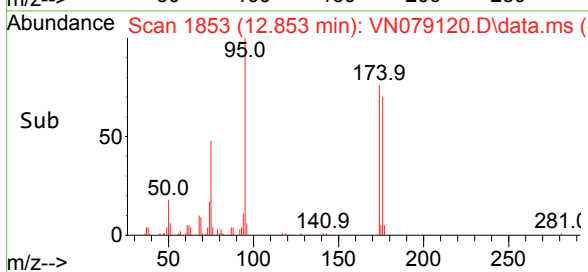
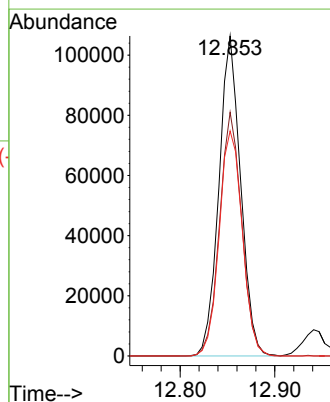
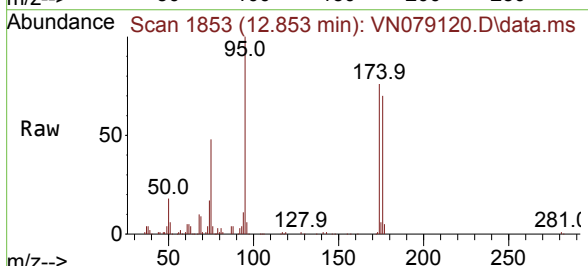
Instrument :
MSVOA_N
ClientSampleId :

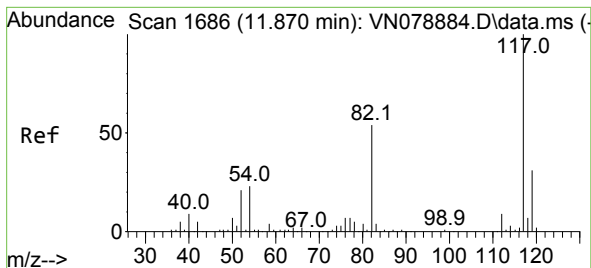
Tgt Ion:107 Resp: 62974
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.178 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 95 Resp: 169754
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

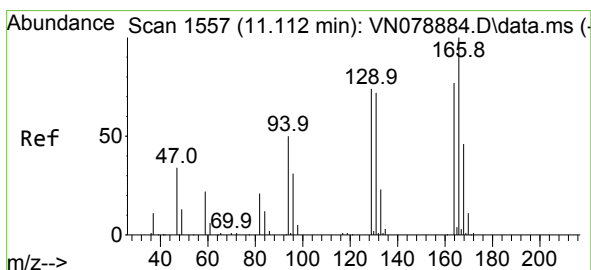
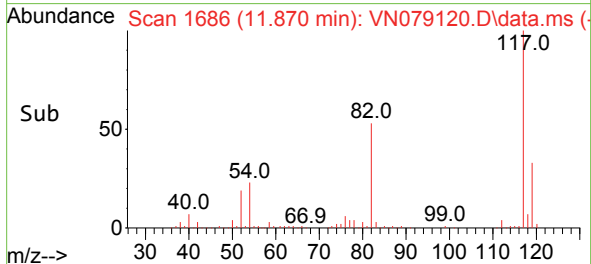
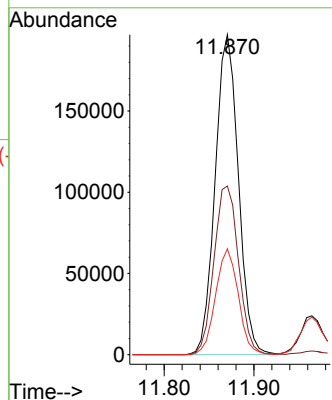
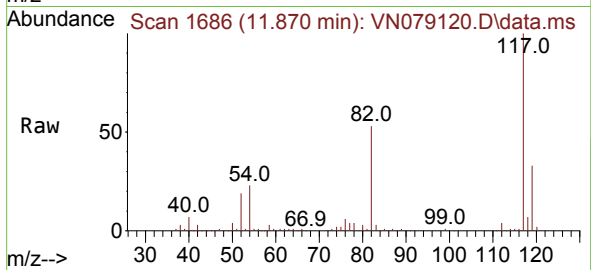
Tgt Ion:117 Resp: 354489

Ion Ratio Lower Upper

117 100

82 52.7 44.0 66.0

119 33.1 25.6 38.4



#64

Tetrachloroethene

Concen: 23.295 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Tgt Ion:164 Resp: 51786

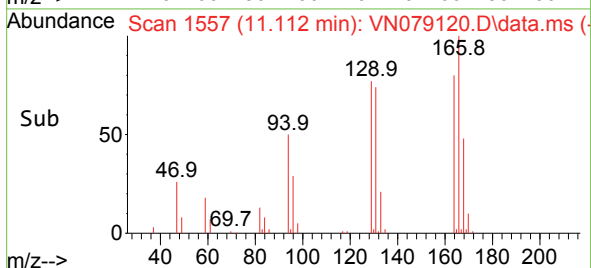
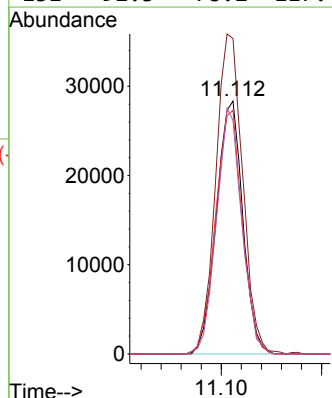
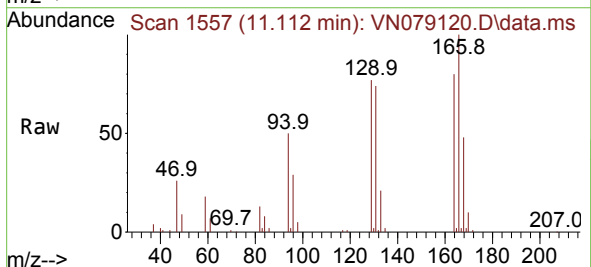
Ion Ratio Lower Upper

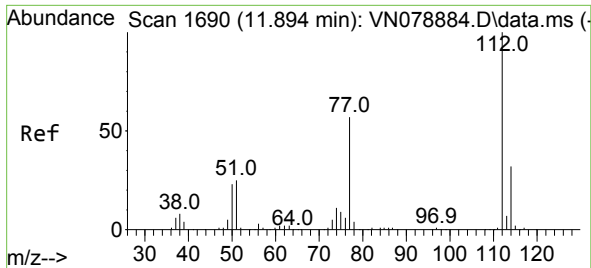
164 100

166 124.7 101.4 152.0

129 96.4 82.4 123.6

131 92.3 78.2 117.4

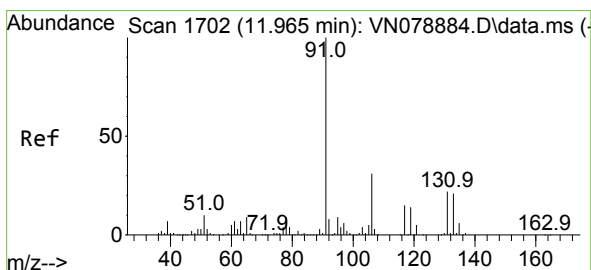
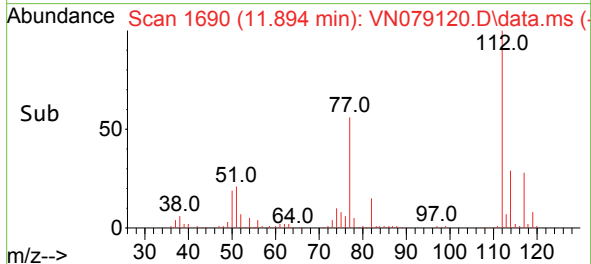
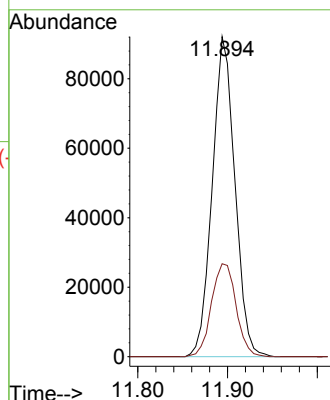
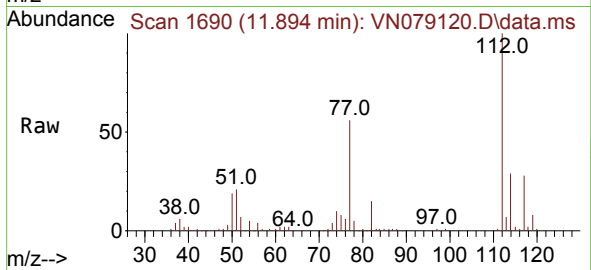




#65
Chlorobenzene
Concen: 21.377 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

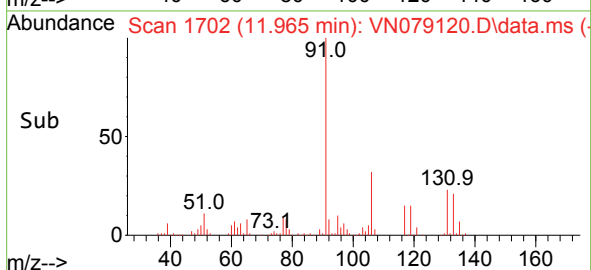
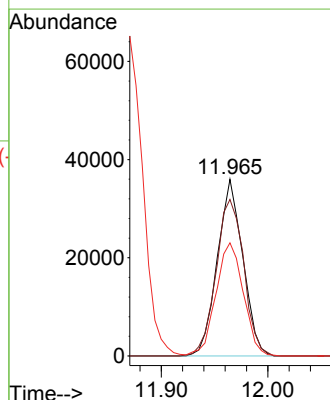
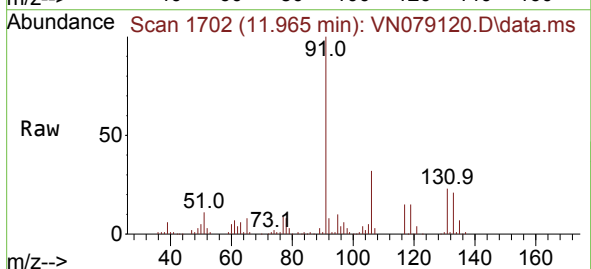
Instrument :
MSVOA_N
ClientSampleId :

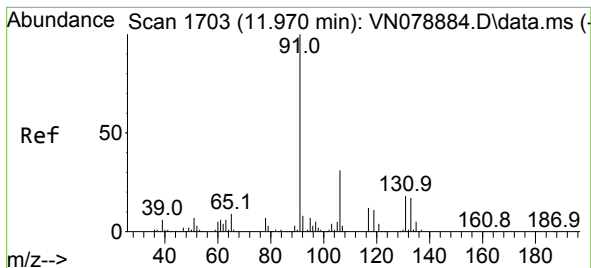
Tgt Ion:112 Resp: 161306
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.008 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion:131 Resp: 59909
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 68.9 34.1 102.2





#67

Ethyl Benzene

Concen: 20.282 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

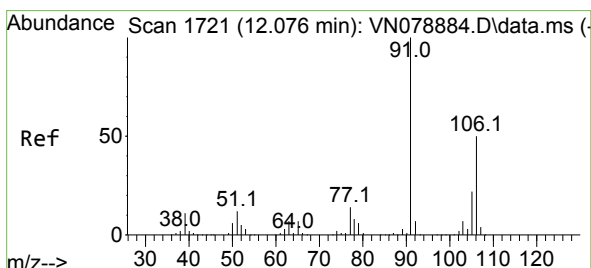
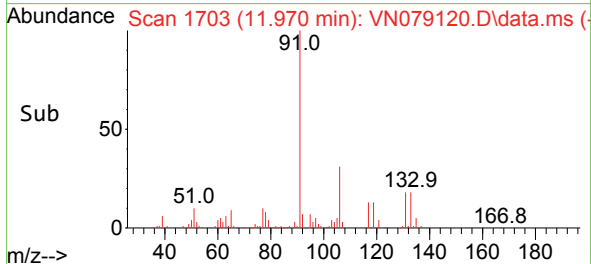
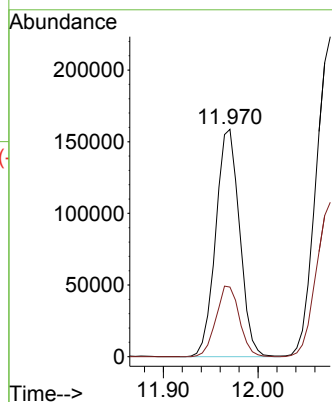
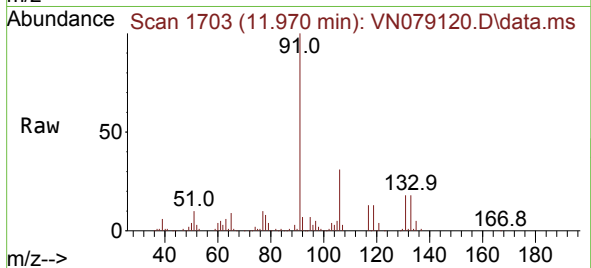
ClientSampleId :

Tgt Ion: 91 Resp: 278313

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 40.503 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079120.D

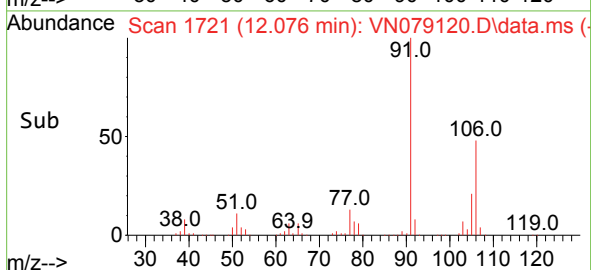
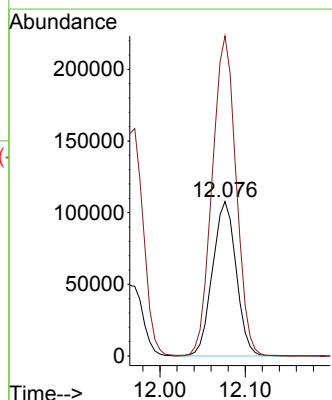
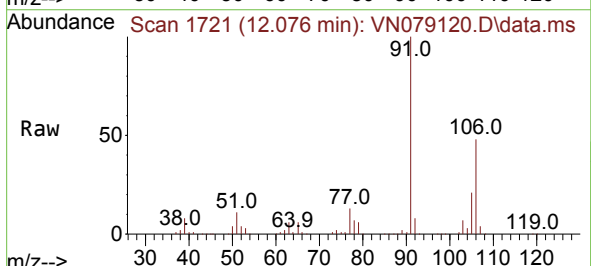
Acq: 01 Sep 2023 14:10

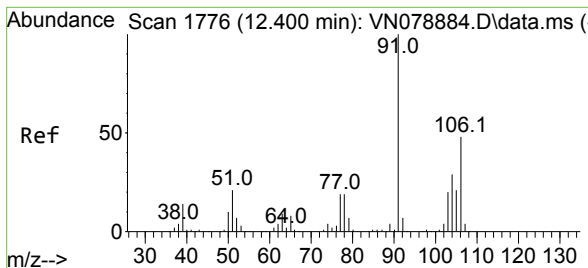
Tgt Ion:106 Resp: 207800

Ion Ratio Lower Upper

106 100

91 209.5 159.6 239.4

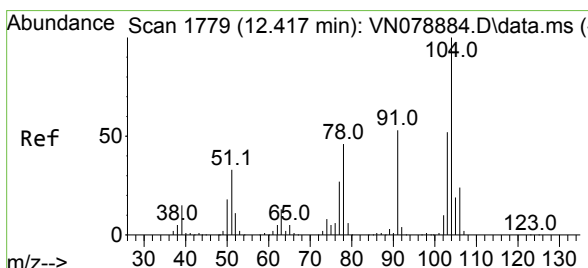
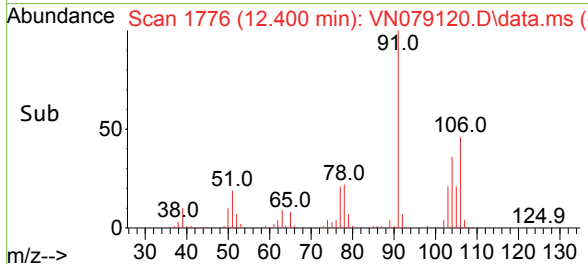
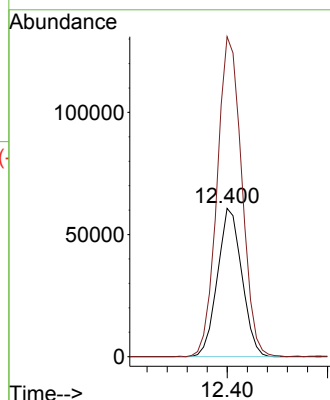
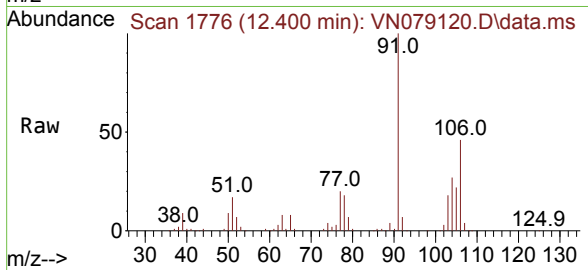




#69
o-Xylene
Concen: 20.539 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

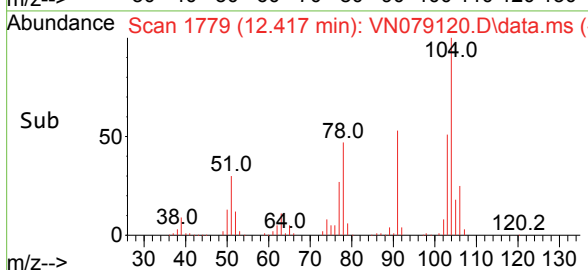
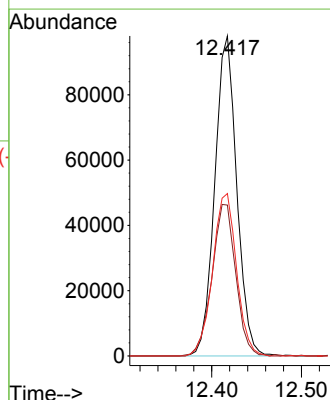
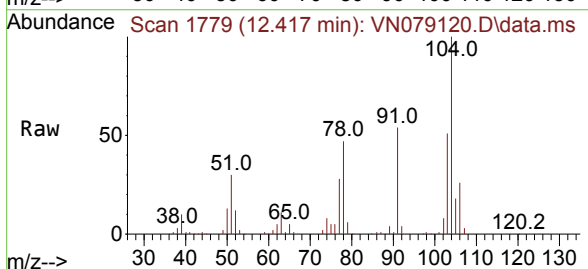
Instrument :
MSVOA_N
ClientSampleId :

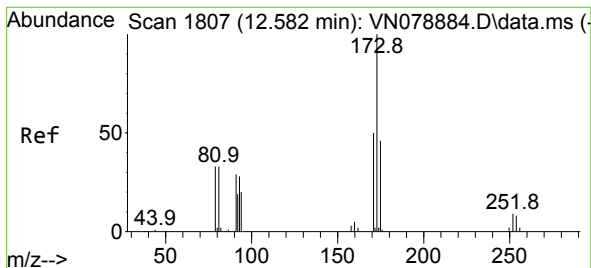
Tgt Ion:106 Resp: 102506
Ion Ratio Lower Upper
106 100
91 218.2 105.2 315.5



#70
Styrene
Concen: 20.028 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion:104 Resp: 166673
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 21.767 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

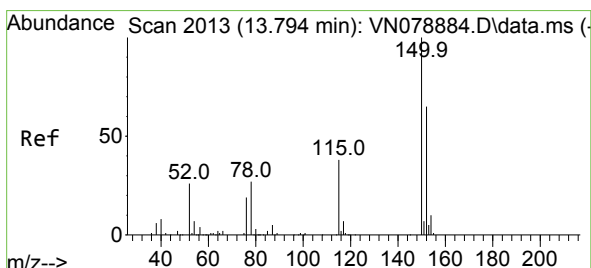
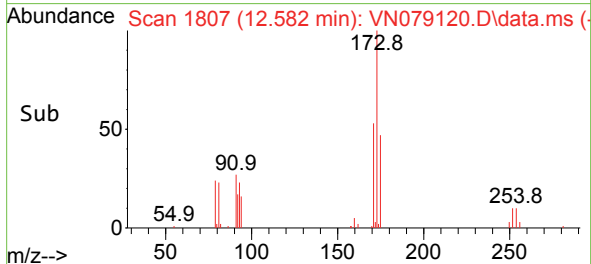
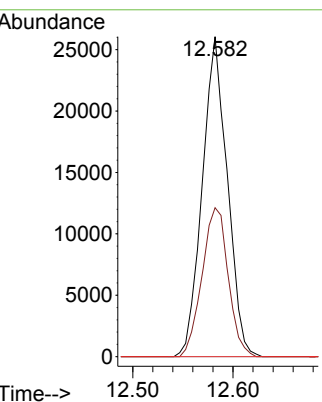
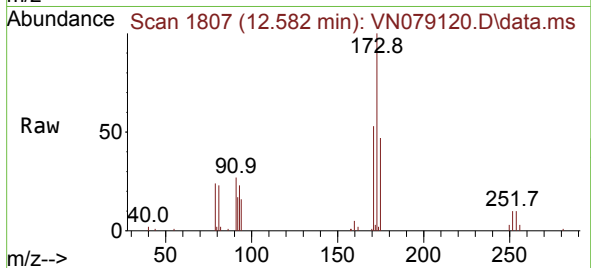
Tgt Ion:173 Resp: 45126

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

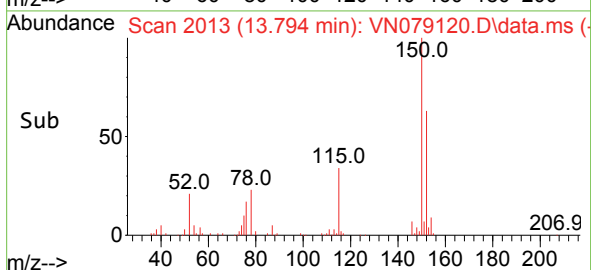
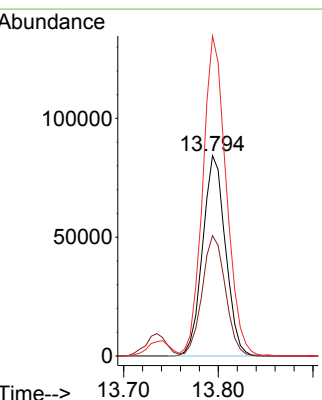
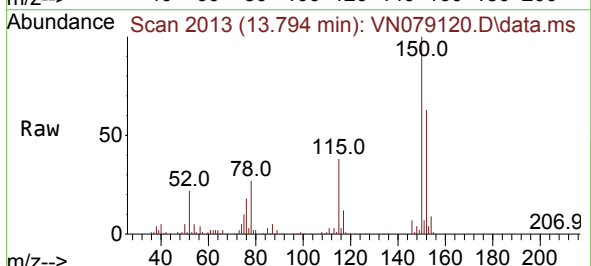
Tgt Ion:152 Resp: 141193

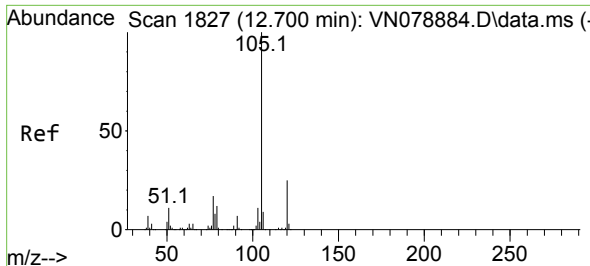
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

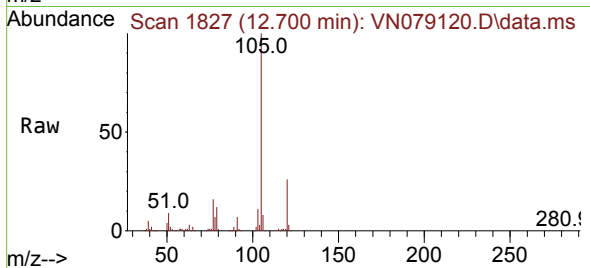
150 164.4 0.0 355.8



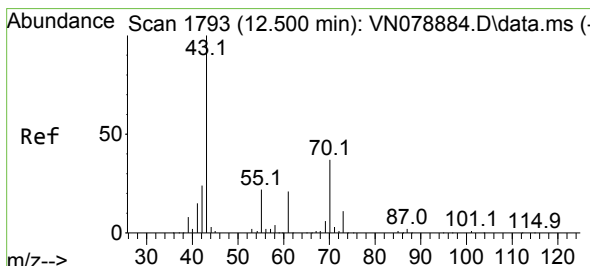
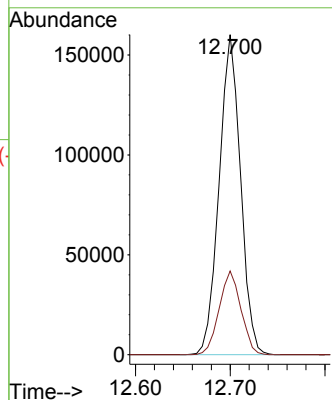
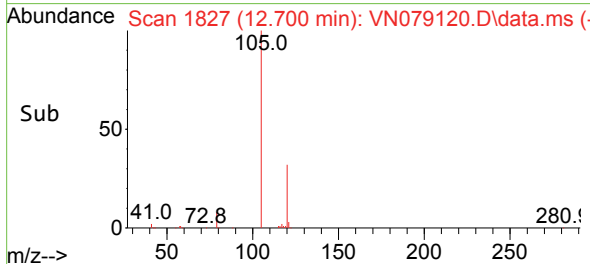


#73
Isopropylbenzene
Concen: 21.352 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

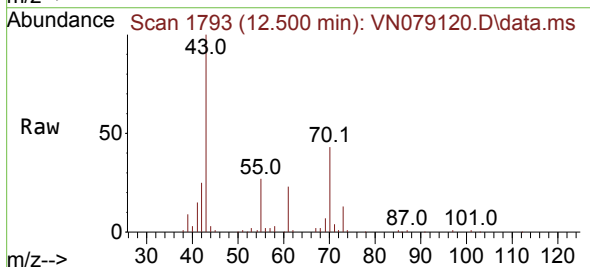
Instrument :
MSVOA_N
ClientSampleId :



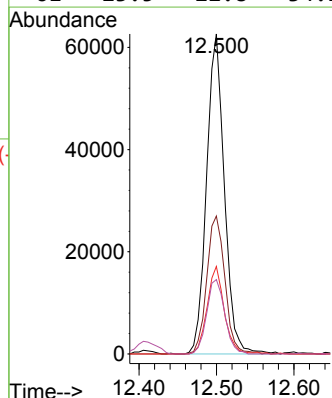
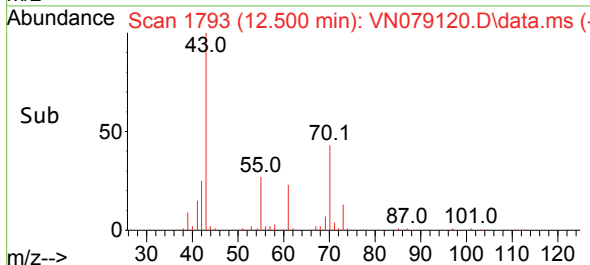
Tgt Ion:105 Resp: 251374
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

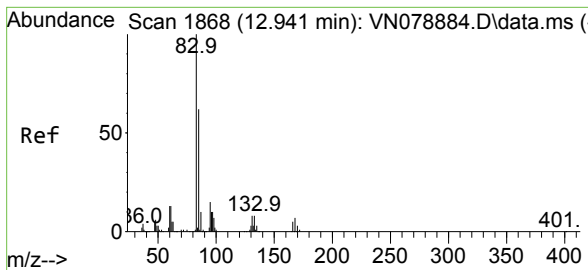


#74
N-ethyl acetate
Concen: 16.838 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10



Tgt Ion: 43 Resp: 100063
Ion Ratio Lower Upper
43 100
70 44.0 43.4 65.2
55 26.4 21.4 32.0
61 23.5 22.8 34.2

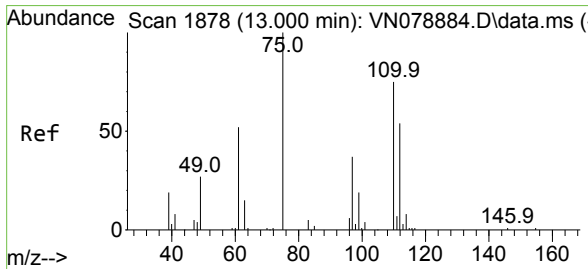
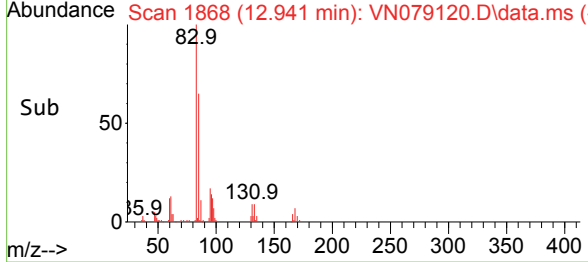
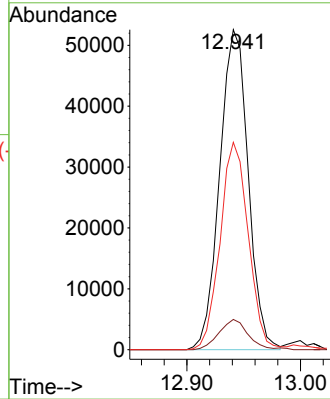
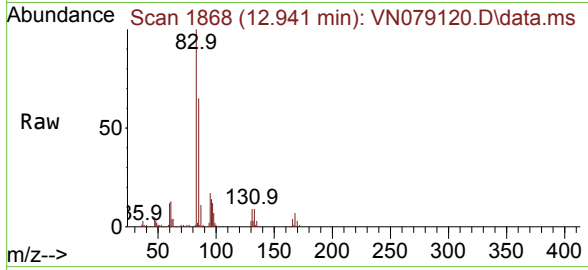




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.547 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

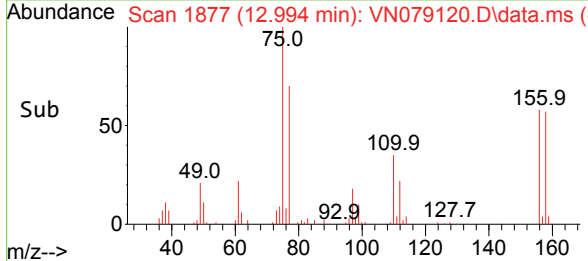
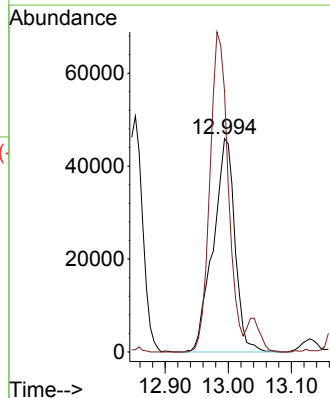
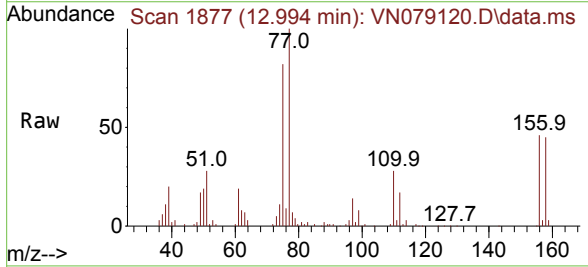
Instrument :
 MSVOA_N
 ClientSampleId :

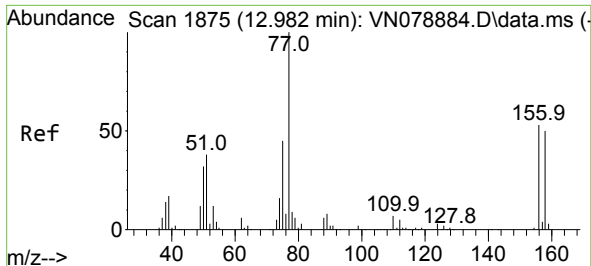
Tgt Ion: 83 Resp: 91596
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 64.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 32.302 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion: 75 Resp: 109894
 Ion Ratio Lower Upper
 75 100
 77 125.6 84.5 253.5

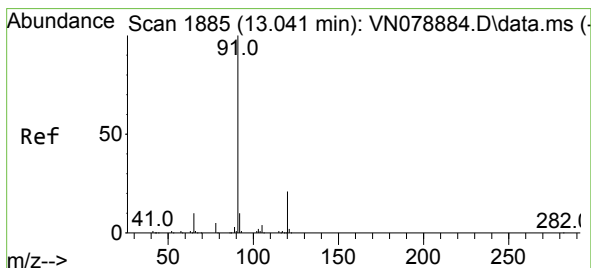
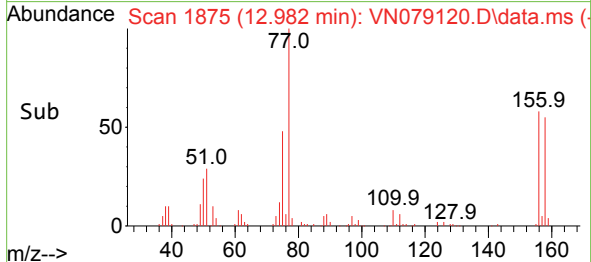
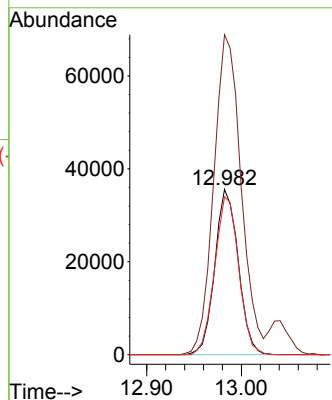
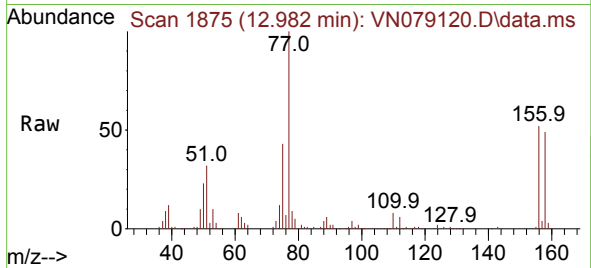




#77
Bromobenzene
Concen: 21.640 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

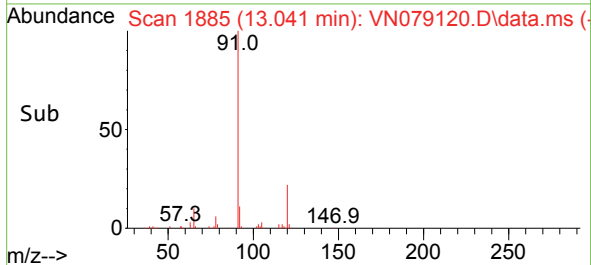
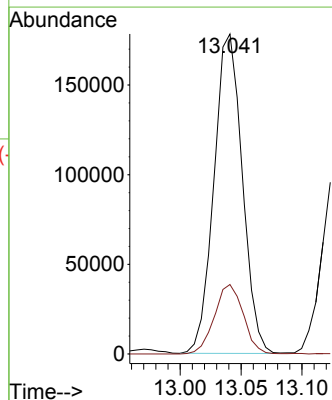
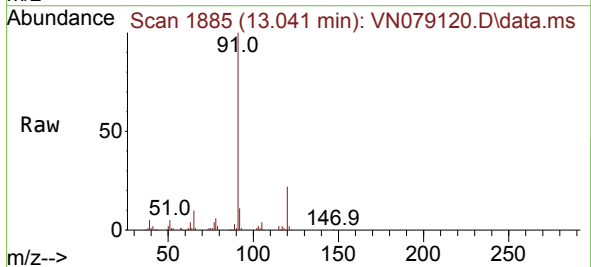
Instrument :
MSVOA_N
ClientSampleId :

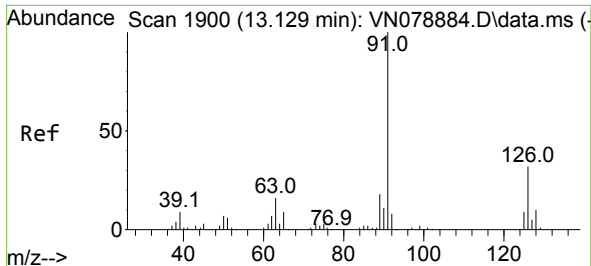
Tgt Ion:156 Resp: 61238
Ion Ratio Lower Upper
156 100
77 225.5 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 21.126 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 91 Resp: 288410
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.828 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

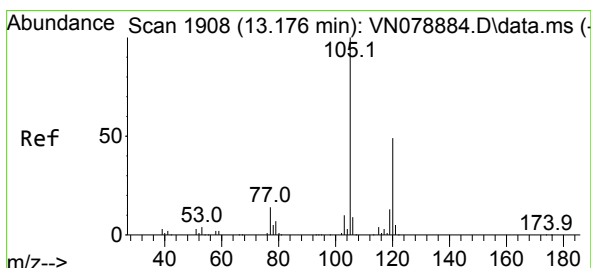
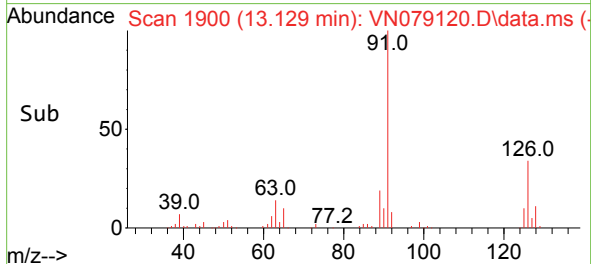
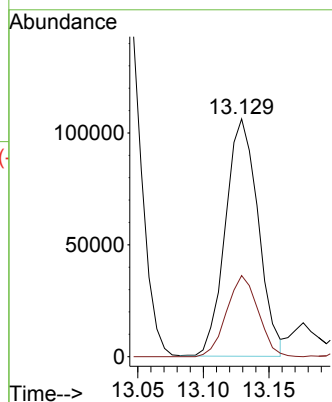
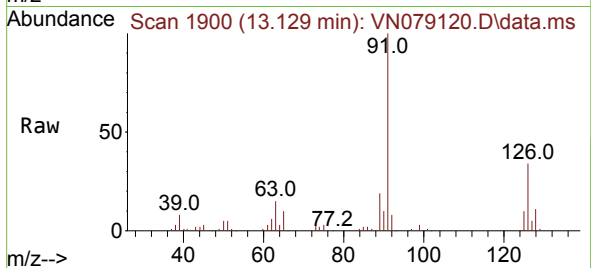
ClientSampleId :

Tgt Ion: 91 Resp: 184853

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 22.579 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079120.D

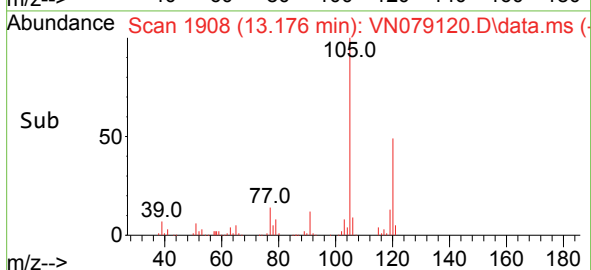
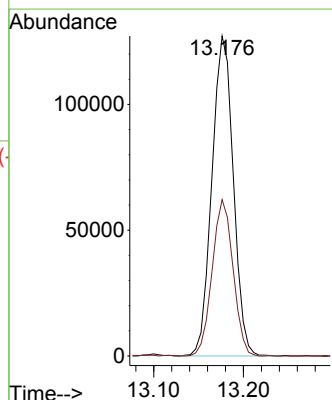
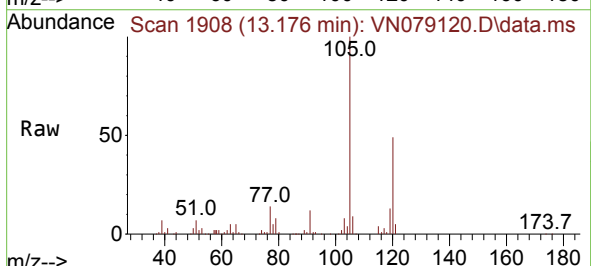
Acq: 01 Sep 2023 14:10

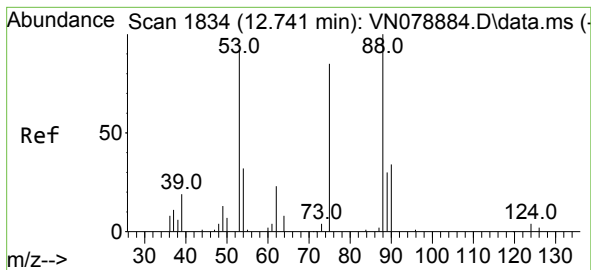
Tgt Ion:105 Resp: 210657

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

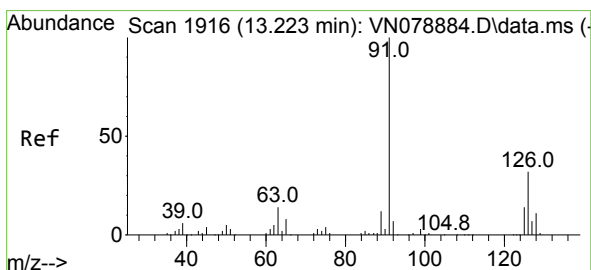
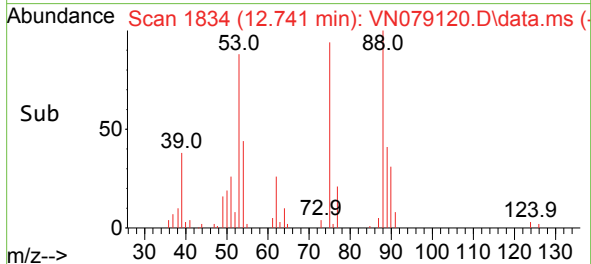
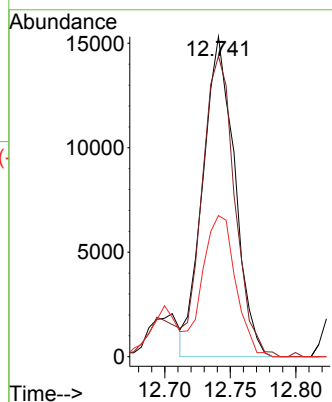
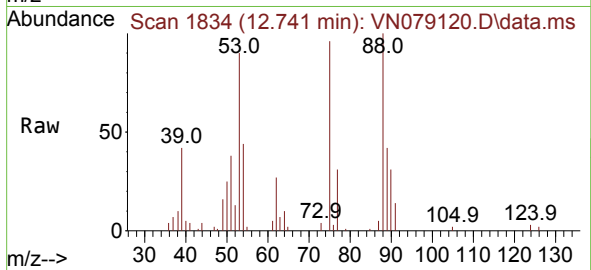




#81
trans-1,4-Dichloro-2-butene
Concen: 19.405 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

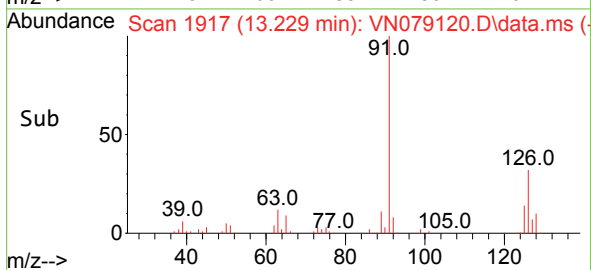
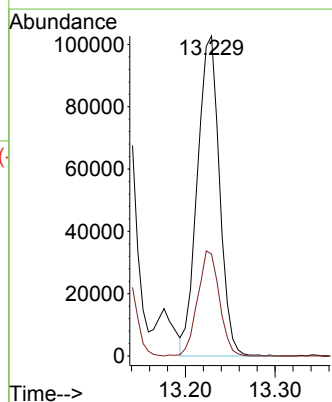
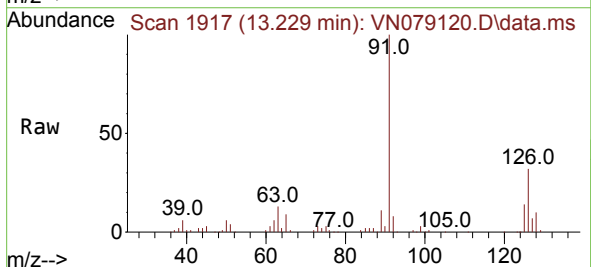
Instrument :
MSVOA_N
ClientSampleId :

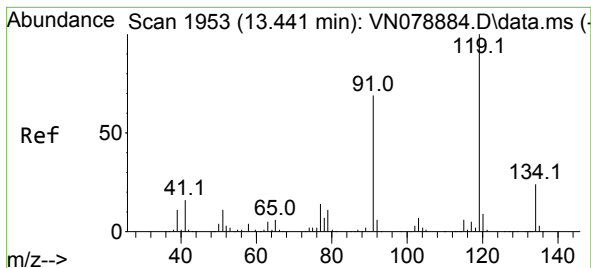
Tgt Ion: 75 Resp: 25843
Ion Ratio Lower Upper
75 100
53 96.6 67.4 101.2
89 46.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.228 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079120.D
Acq: 01 Sep 2023 14:10

Tgt Ion: 91 Resp: 175897
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.072 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

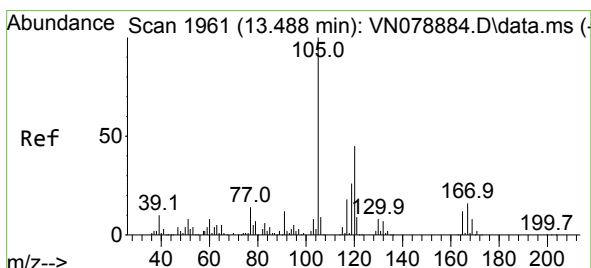
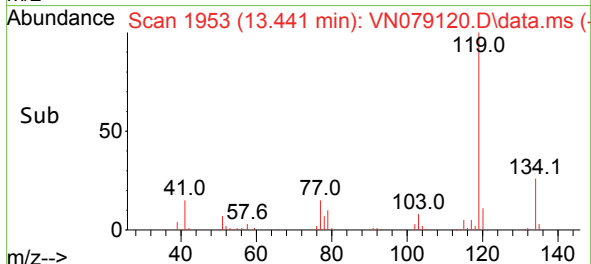
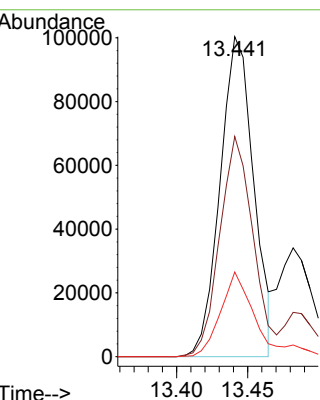
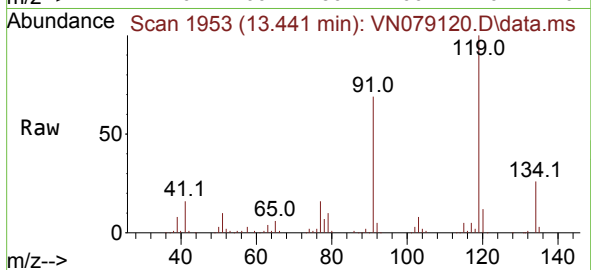
Tgt Ion:119 Resp: 165177

Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 27.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 22.264 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079120.D

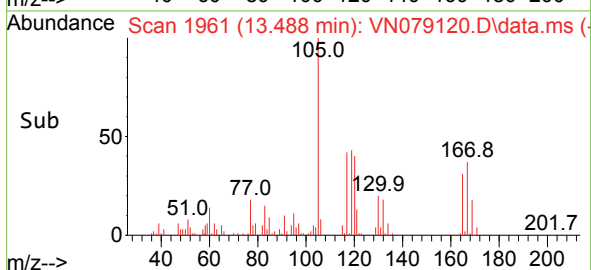
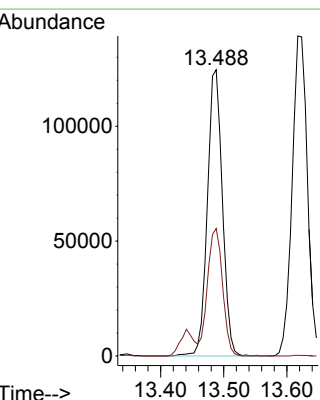
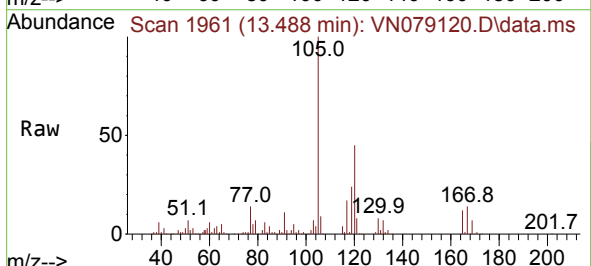
Acq: 01 Sep 2023 14:10

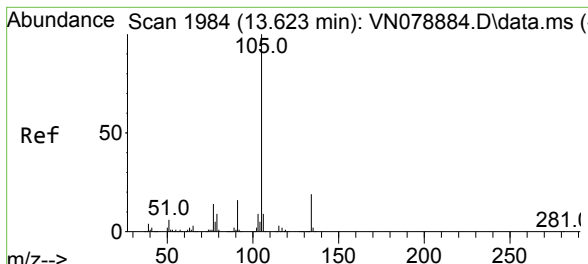
Tgt Ion:105 Resp: 205675

Ion Ratio Lower Upper

105 100

120 44.9 22.0 66.0

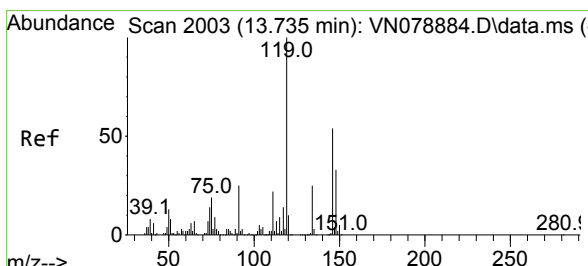
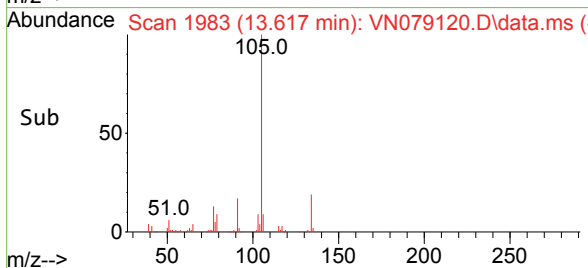
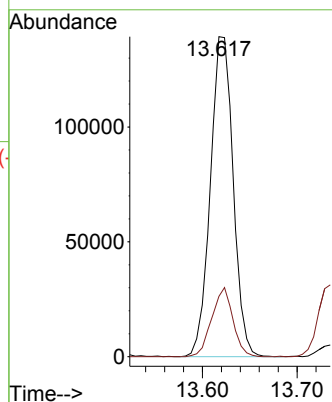
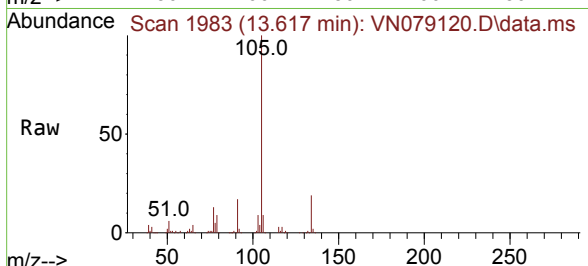




#85
 sec-Butylbenzene
 Concen: 21.670 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

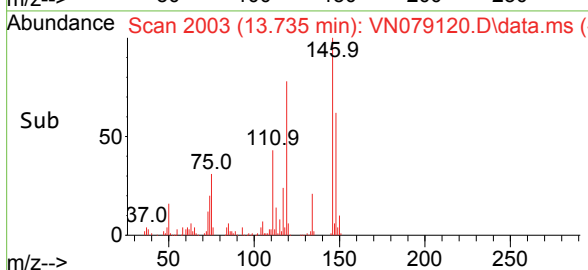
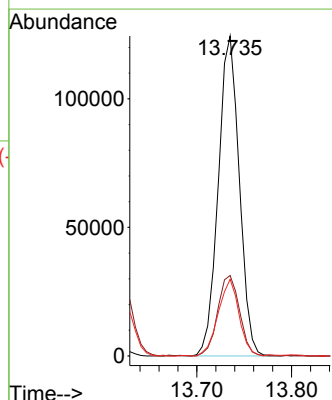
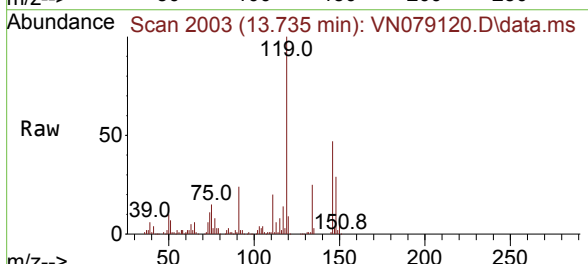
Instrument :
 MSVOA_N
 ClientSampleId :

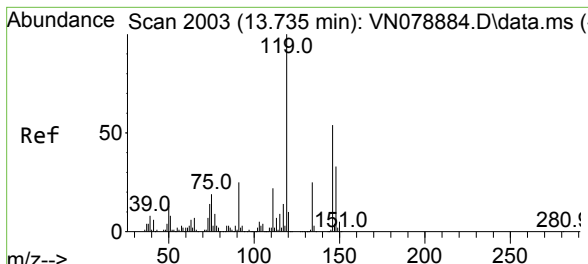
Tgt Ion:105 Resp: 233776
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.255 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion:119 Resp: 191813
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.8 12.4 37.2

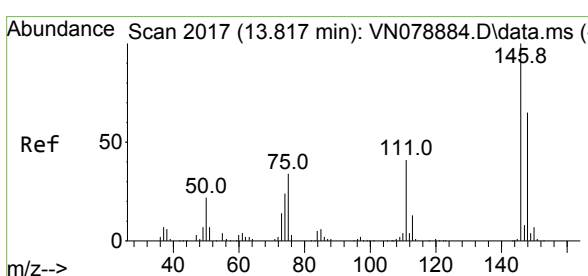
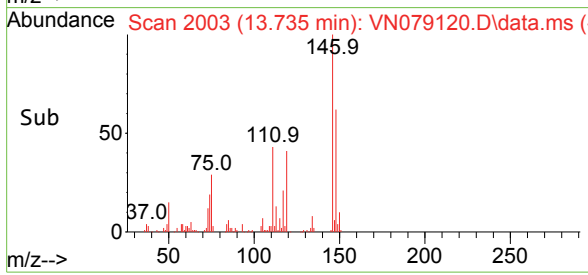
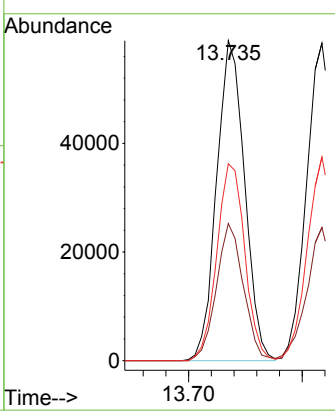
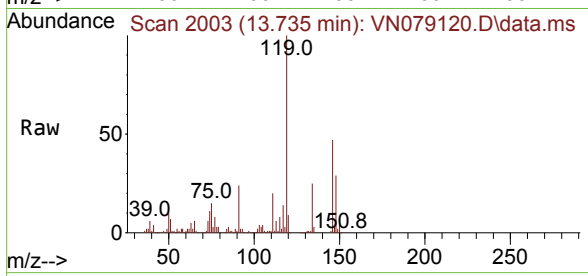




#87
 1,3-Dichlorobenzene
 Concen: 20.705 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

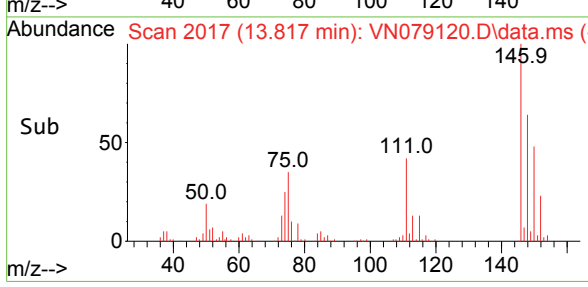
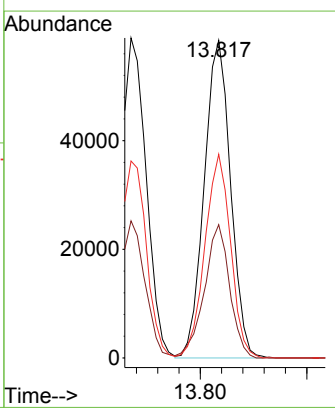
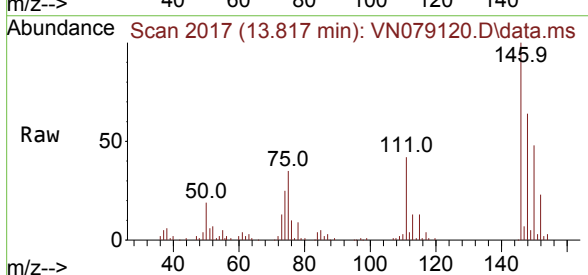
Instrument :
 MSVOA_N
 ClientSampleId :

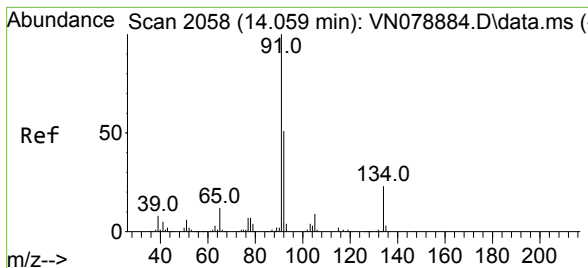
Tgt Ion:	146	Resp:	100821
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.3
148	61.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.589 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079120.D
 Acq: 01 Sep 2023 14:10

Tgt Ion:	146	Resp:	100349
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.8
148	62.6	31.6	94.8





#89

n-Butylbenzene

Concen: 21.029 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

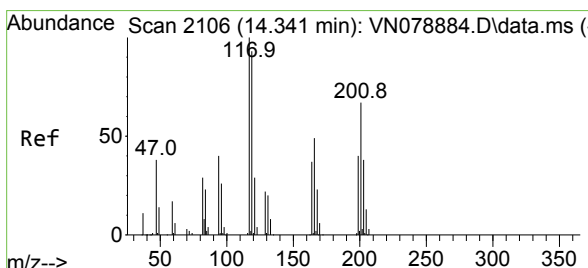
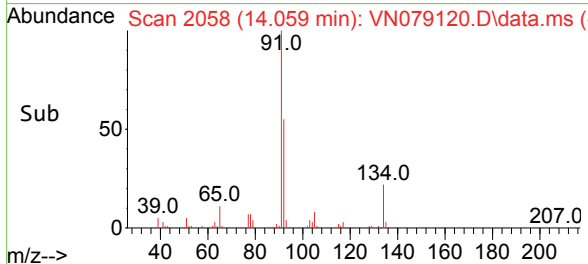
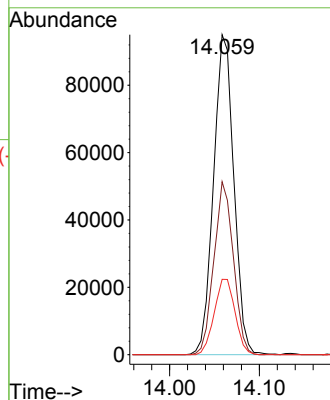
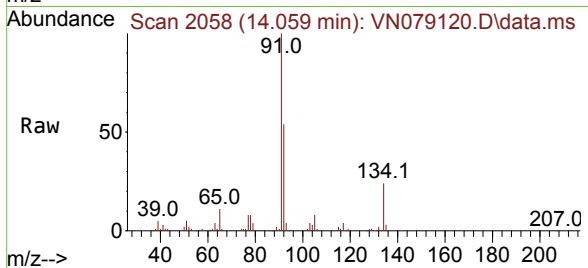
Tgt Ion: 91 Resp: 149159

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 24.2 12.6 37.6



#90

Hexachloroethane

Concen: 21.532 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN079120.D

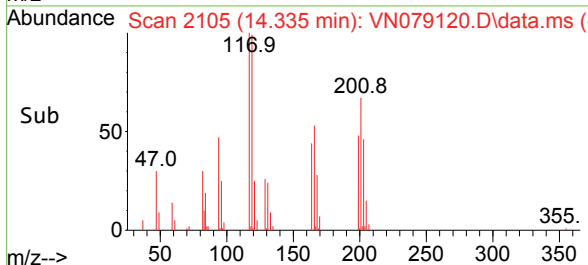
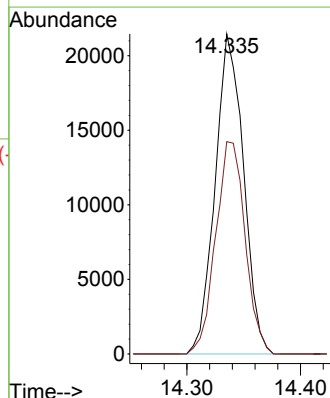
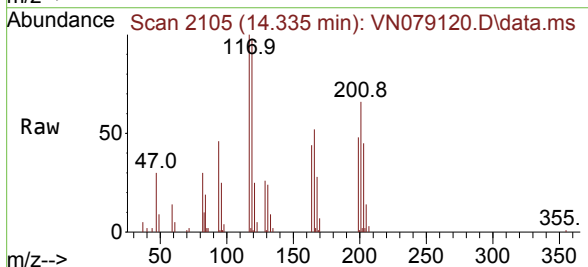
Acq: 01 Sep 2023 14:10

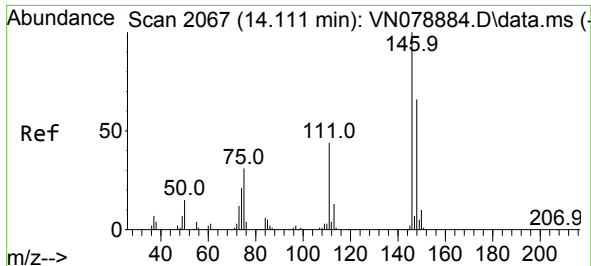
Tgt Ion: 117 Resp: 37202

Ion Ratio Lower Upper

117 100

201 68.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 21.417 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

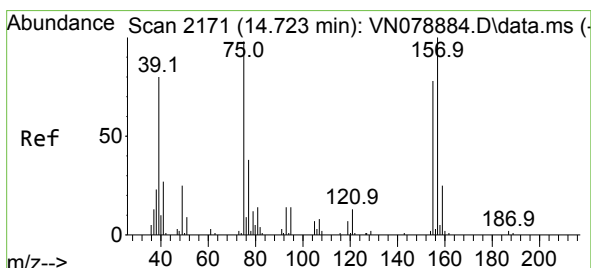
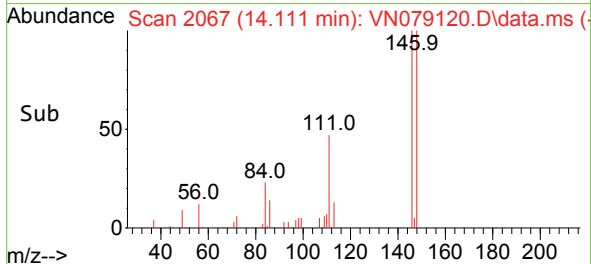
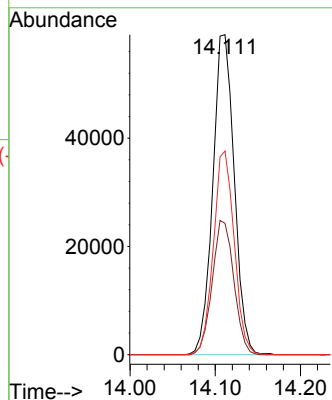
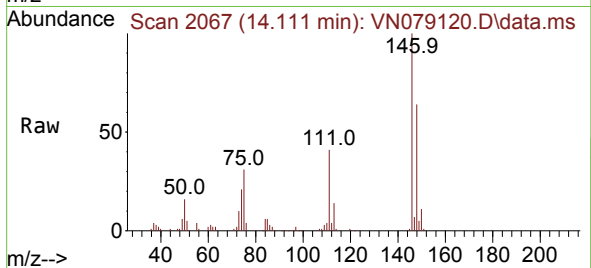
Tgt Ion:146 Resp: 103713

Ion Ratio Lower Upper

146 100

111 42.3 22.0 66.0

148 61.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.428 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

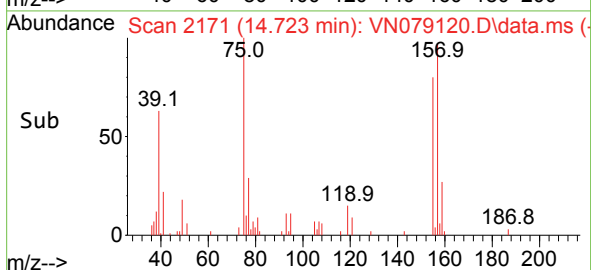
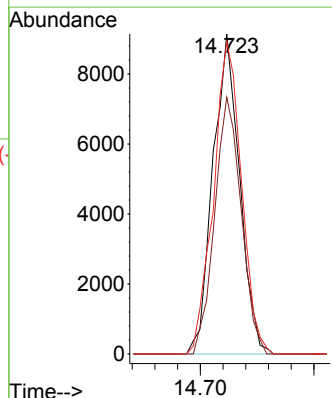
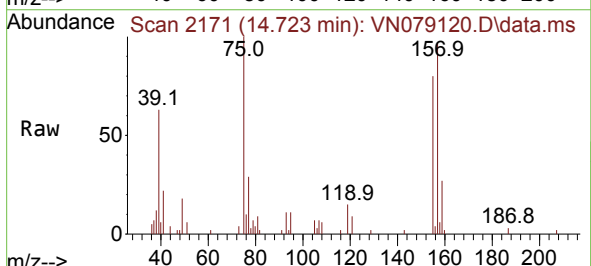
Tgt Ion: 75 Resp: 14879

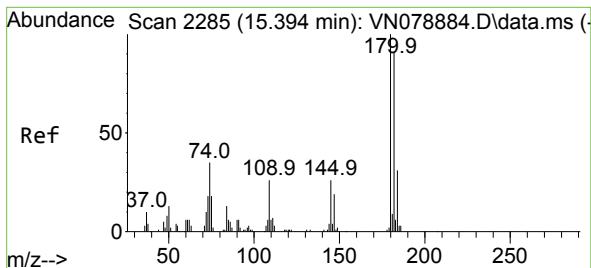
Ion Ratio Lower Upper

75 100

155 80.0 39.1 117.2

157 102.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.235 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

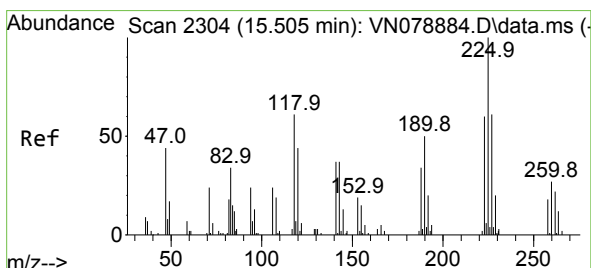
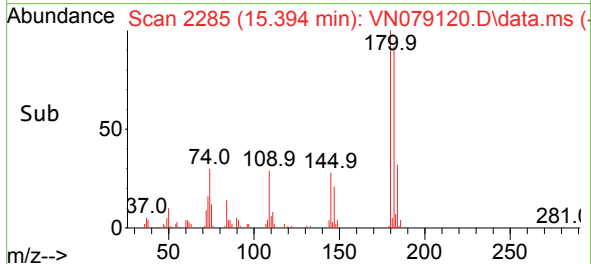
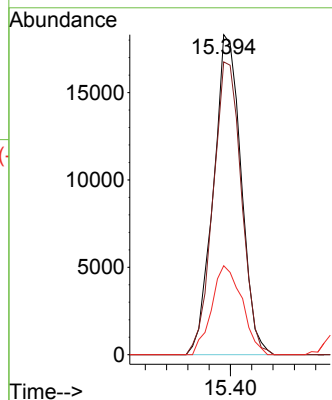
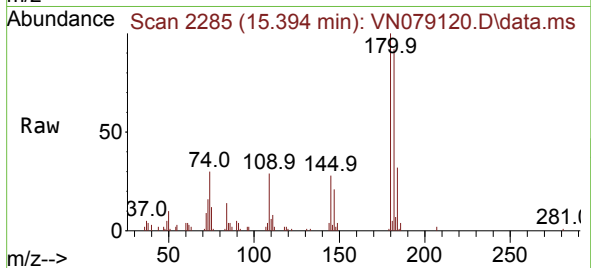
Tgt Ion:180 Resp: 33020

Ion Ratio Lower Upper

180 100

182 93.5 46.1 138.2

145 30.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 24.795 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

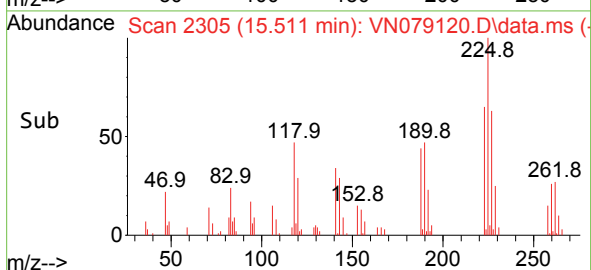
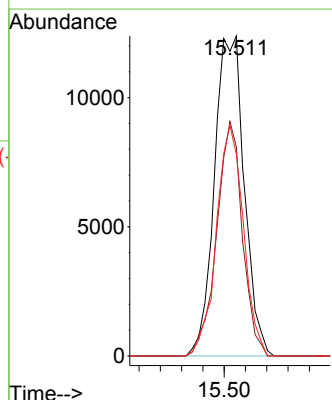
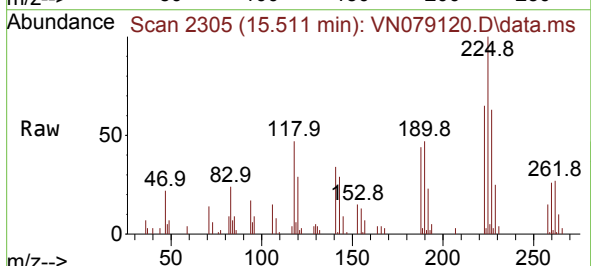
Tgt Ion:225 Resp: 24056

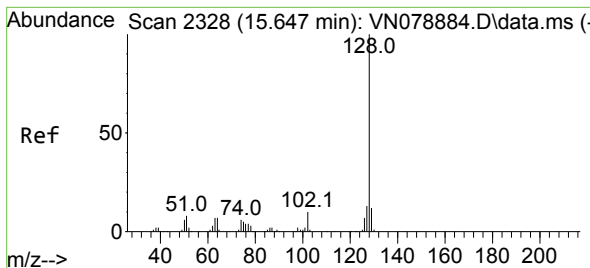
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 15.630 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079120.D

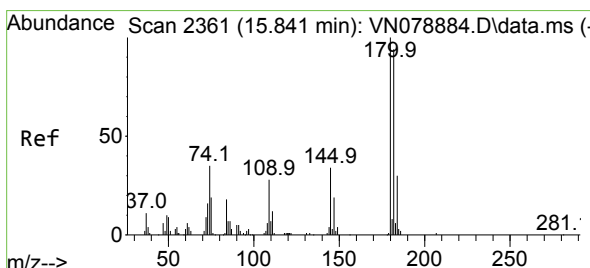
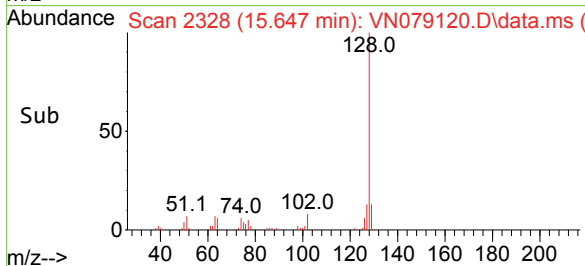
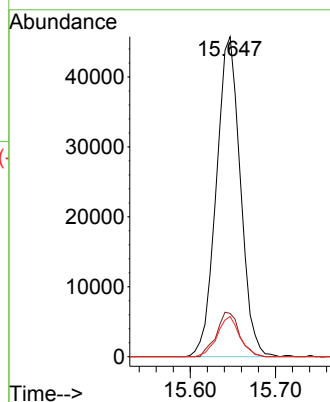
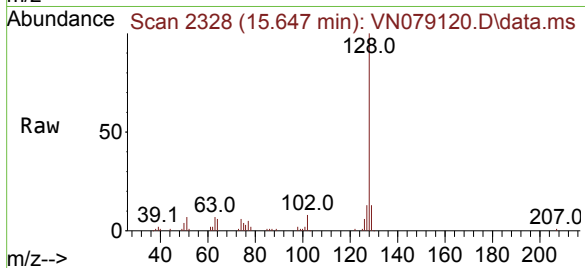
Acq: 01 Sep 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	89559
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.0 15.0
129	11.8	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.817 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079120.D

Acq: 01 Sep 2023 14:10

Tgt Ion:180	Resp:	37261
Ion Ratio	Lower	Upper
180	100	
182	95.2	46.2 138.6
145	33.8	17.5 52.6

