

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079596.D
 Acq On : 18 Oct 2023 12:28
 Operator : JC\MD
 Sample : VN1018WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 06:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	21639	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163074	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	198204	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	93932	30.531	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.767%	
60) 4-Bromofluorobenzene	12.853	95	111920	30.878	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.933%	
63) Toluene-d8	10.571	98	255693	30.106	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.367%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	68709	21.895	ug/l	94
3) Chloromethane	2.366	50	83219	20.461	ug/l	99
4) Vinyl Chloride	2.519	62	90565	20.632	ug/l	97
5) Bromomethane	2.960	94	54579	20.054	ug/l	90
6) Chloroethane	3.124	64	63248	20.471	ug/l	93
7) Trichlorofluoromethane	3.495	101	114865	21.445	ug/l	96
8) Diethyl Ether	3.960	74	40752	20.992	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	67332	21.971	ug/l	98
10) 1,1-Dichloroethene	4.348	96	61406	21.061	ug/l	92
11) Methyl Iodide	4.589	142	69962	21.673	ug/l	99
12) Methyl Acetate	5.030	43	143111	20.361	ug/l	93
13) Acrolein	4.183	56	66145	113.841	ug/l	99
14) Acrylonitrile	5.724	53	179622	106.712	ug/l	98
15) Acetone	4.430	58	57386	107.622	ug/l	87
16) Carbon Disulfide	4.712	76	180482	20.300	ug/l	98
17) Allyl chloride	5.030	41	92288	20.530	ug/l	95
18) Methylene Chloride	5.283	84	78320	21.824	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	71487	21.916	ug/l	97
20) Diisopropyl ether	6.677	45	234308	21.982	ug/l	96
21) 1,1-Dichloroethane	6.571	63	139214	21.493	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	80976	21.553	ug/l	95
23) tert-Butyl Alcohol	5.524	59	51001	90.610	ug/l	# 100
24) Methyl tert-Butyl Ether	5.807	73	204710	20.925	ug/l	100
25) Chloroform	7.971	83	142017	21.699	ug/l	87
26) Cyclohexane	8.259	56	103210	21.079	ug/l	# 98
29) 1,1-Dichloropropene	8.377	75	104027	21.829	ug/l	100
30) 2-Butanone	7.489	43	242973	101.713	ug/l	98
31) 2,2-Dichloropropane	7.495	77	112579	20.952	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	121990	21.537	ug/l	99
33) Carbon Tetrachloride	8.359	117	102718	21.323	ug/l	98
34) Benzene	8.612	78	312475	21.581	ug/l	96
35) Methacrylonitrile	7.777	41	27000	10.745	ug/l	91
36) 1,2-Dichloroethane	8.677	62	110988	21.469	ug/l	99
37) Trichloroethene	9.359	130	73278	21.651	ug/l	97
38) Methylcyclohexane	9.606	83	94687	20.636	ug/l	99
39) 1,2-Dichloropropane	9.630	63	82763	21.660	ug/l	94
40) Dibromomethane	9.712	93	55683	22.206	ug/l	97
41) Bromodichloromethane	9.895	83	113378	21.817	ug/l	100
42) Vinyl Acetate	6.606	43	632046	104.303	ug/l	99

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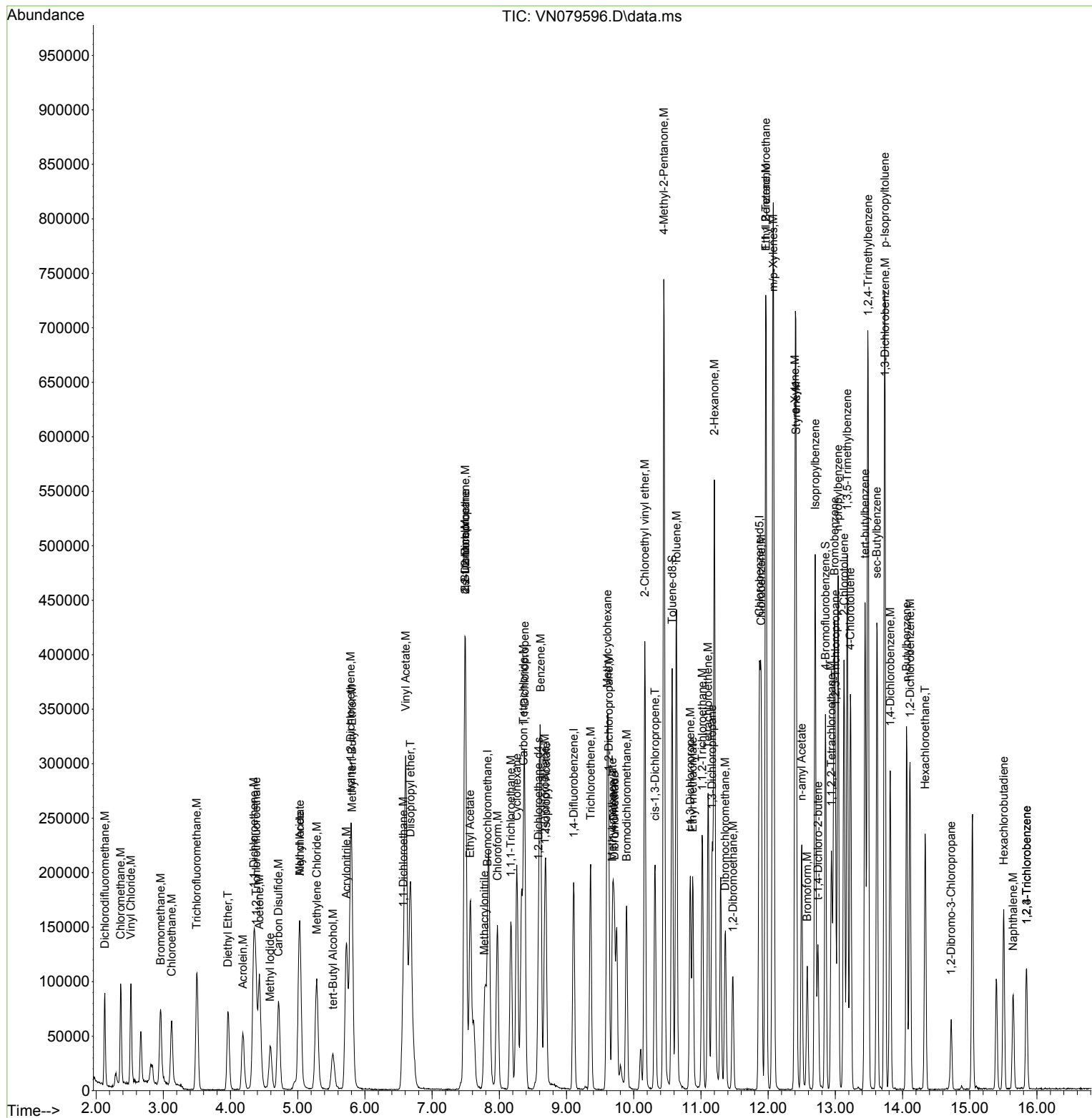
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	97654	21.740	ug/l	97
44) Isopropyl Acetate	8.695	43	156241	19.567	ug/l	96
45) 1,4-Dioxane	9.700	88	25804	412.835	ug/l	93
46) Methyl methacrylate	9.683	41	73935	20.871	ug/l	96
47) n-amyl Acetate	12.500	43	118662	20.591	ug/l	97
48) t-1,3-Dichloropropene	10.842	75	108996	20.747	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	122538	21.331	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	72576	20.863	ug/l	88
51) Ethyl methacrylate	10.877	69	99655	20.763	ug/l	96
52) 1,3-Dichloropropane	11.165	76	130048	21.102	ug/l	100
53) Dibromochloromethane	11.359	129	77781	21.877	ug/l	99
54) 1,2-Dibromoethane	11.477	107	72684	21.179	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	177809	97.101	ug/l	98
56) Bromoform	12.583	173	50059	21.283	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	494203	106.900	ug/l	100
59) 2-Hexanone	11.200	43	356865	105.220	ug/l	99
61) Tetrachloroethene	11.106	164	60819	22.349	ug/l	97
62) Toluene	10.636	91	331560	21.888	ug/l	100
64) Chlorobenzene	11.894	112	187644	21.358	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	72283	21.599	ug/l	98
66) Ethyl Benzene	11.965	91	336335	21.550	ug/l	96
67) m/p-Xylenes	12.077	106	259085	44.882	ug/l	94
68) o-Xylene	12.400	106	120526	21.840	ug/l	98
69) Styrene	12.418	104	204128	23.300	ug/l	98
70) Isopropylbenzene	12.700	105	309041	21.821	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	108963	21.638	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	128070	28.005	ug/l	72
73) Bromobenzene	12.988	156	73631	22.132	ug/l	98
74) n-propylbenzene	13.041	91	374104	22.689	ug/l	100
75) 2-Chlorotoluene	13.130	91	225859	22.034	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	261811	22.614	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	29800	21.351	ug/l	94
78) 4-Chlorotoluene	13.224	91	215959	22.299	ug/l	99
79) tert-butylbenzene	13.441	119	200518	21.542	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	255523	22.778	ug/l	100
81) sec-Butylbenzene	13.618	105	289753	22.173	ug/l	100
82) p-Isopropyltoluene	13.735	119	235549	22.724	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	122191	22.336	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	117393	22.384	ug/l	99
85) n-Butylbenzene	14.059	91	175741	21.699	ug/l	98
86) Hexachloroethane	14.335	117	47999	21.419	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	126034	23.178	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	15994	20.844	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	37031	19.321	ug/l	96
90) Hexachlorobutadiene	15.506	225	29594	21.799	ug/l	99
91) Naphthalene	15.647	128	79600	16.100	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	37031	19.321	ug/l	96

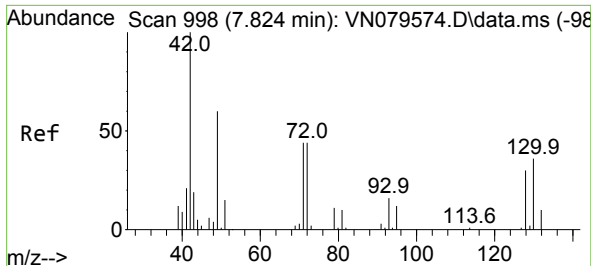
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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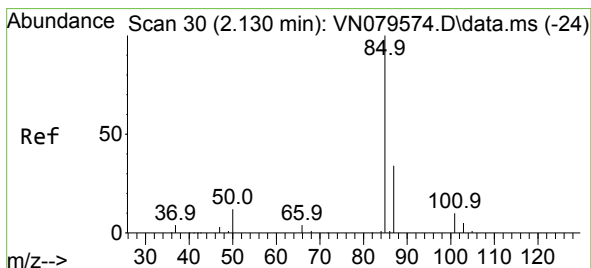
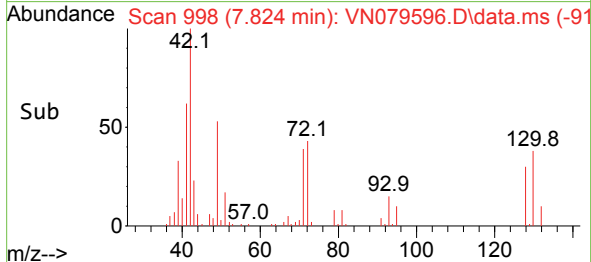
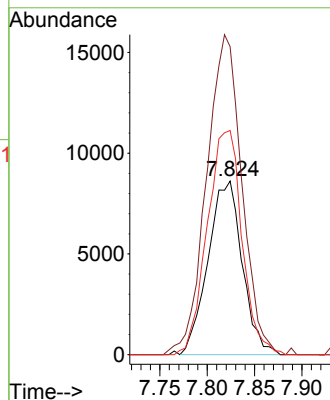
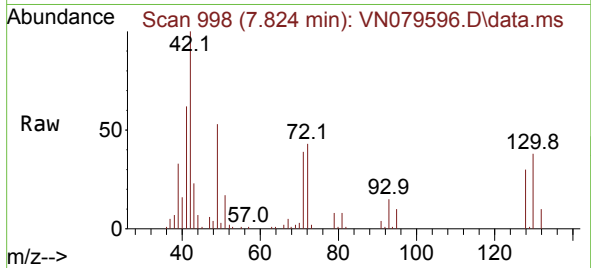




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
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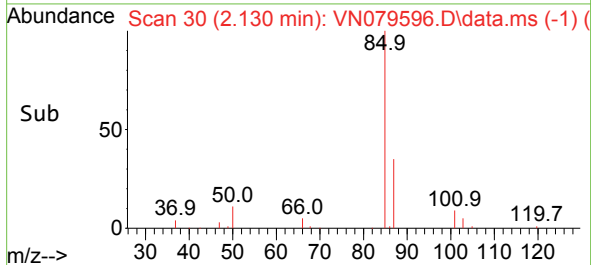
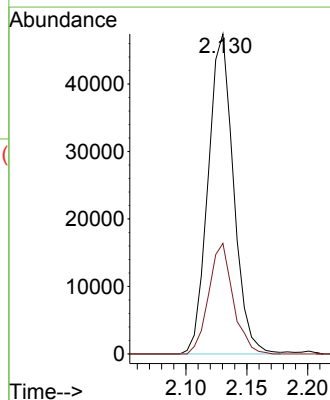
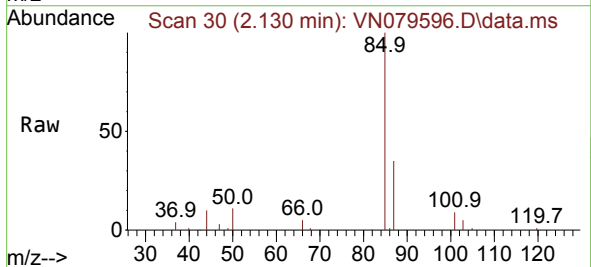
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ClientSampleId :

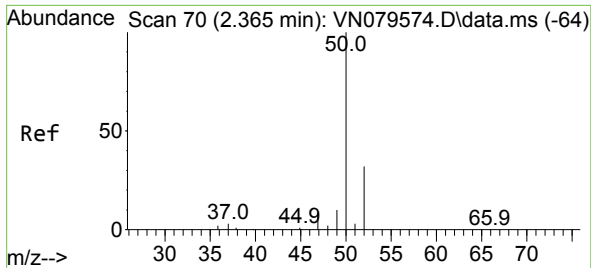
Tgt Ion:128 Resp: 21639
Ion Ratio Lower Upper
128 100
49 190.2 0.0 468.5
130 131.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 21.895 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 85 Resp: 68709
Ion Ratio Lower Upper
85 100
87 34.5 15.6 46.7

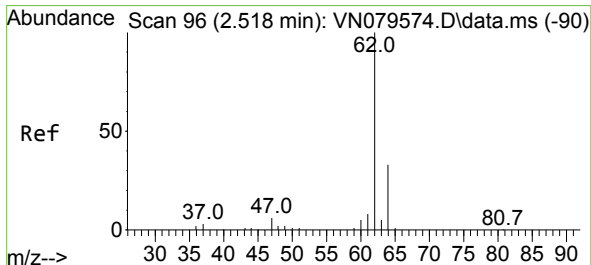
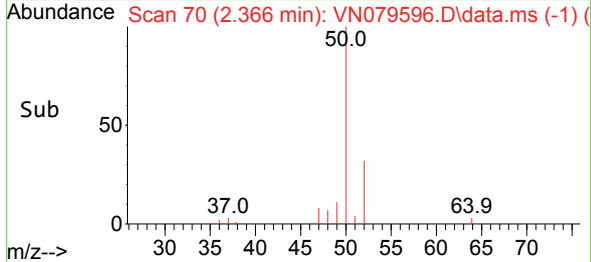
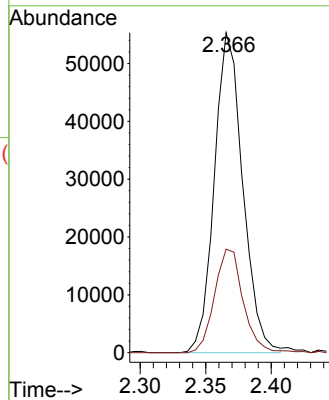
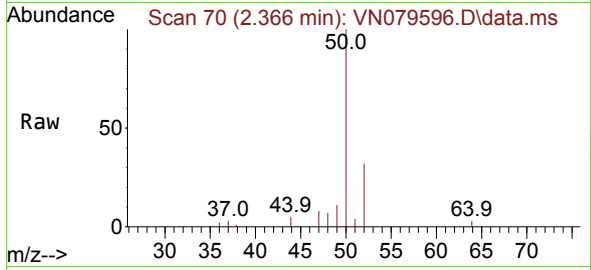




#3
Chloromethane
Concen: 20.461 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

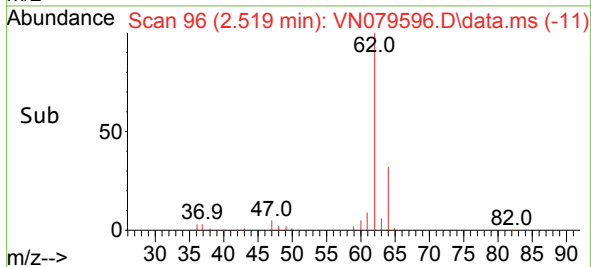
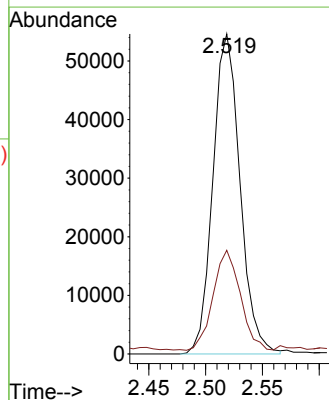
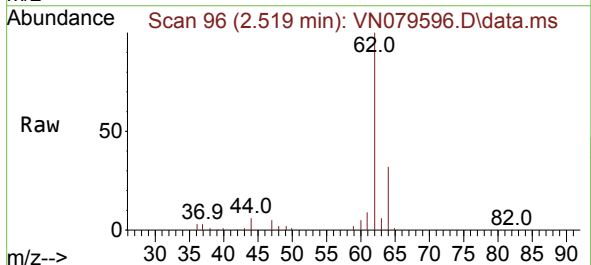
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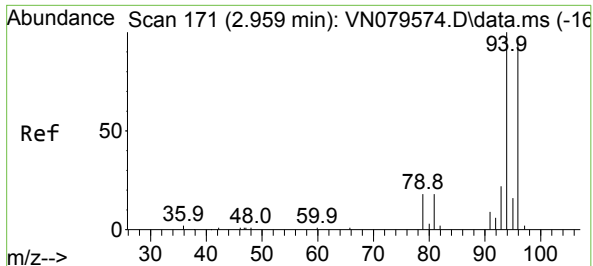
Tgt Ion: 50 Resp: 83219
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 20.632 ug/l
RT: 2.519 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 62 Resp: 90565
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6

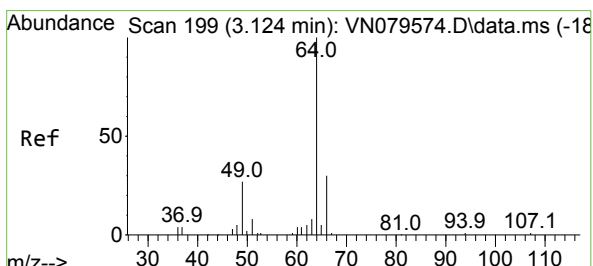
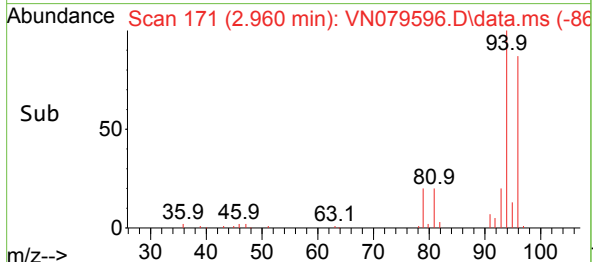
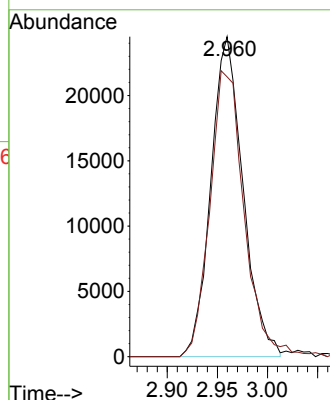
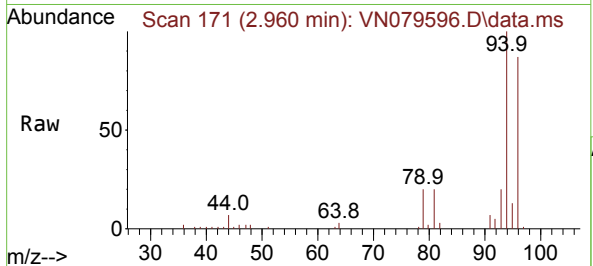




#5
Bromomethane
Concen: 20.054 ug/l
RT: 2.960 min Scan# 171
Delta R.T. 0.000 min
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Acq: 18 Oct 2023 12:28

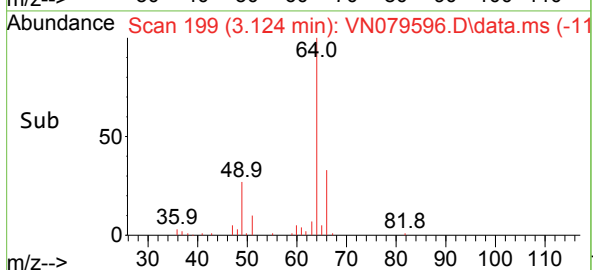
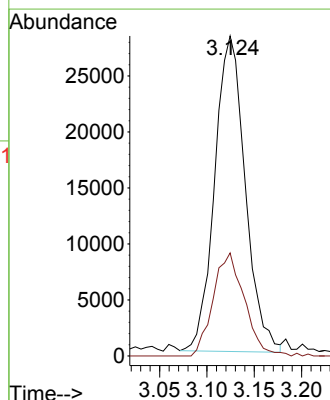
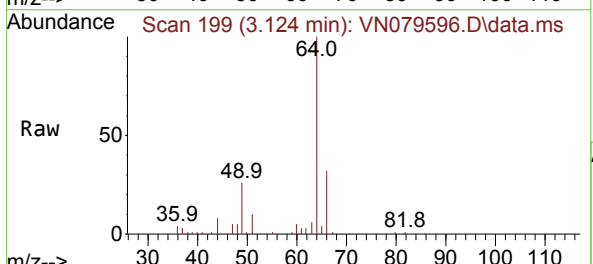
Instrument :
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ClientSampleId :

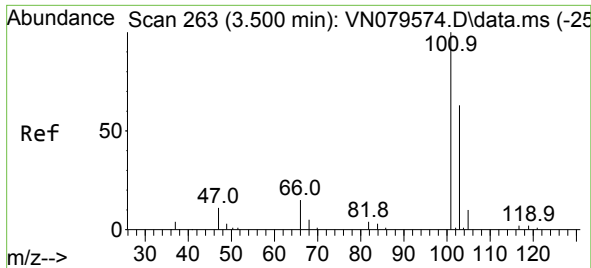
Tgt Ion: 94 Resp: 54579
Ion Ratio Lower Upper
94 100
96 87.4 77.8 116.6



#6
Chloroethane
Concen: 20.471 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 64 Resp: 63248
Ion Ratio Lower Upper
64 100
66 32.8 23.3 34.9

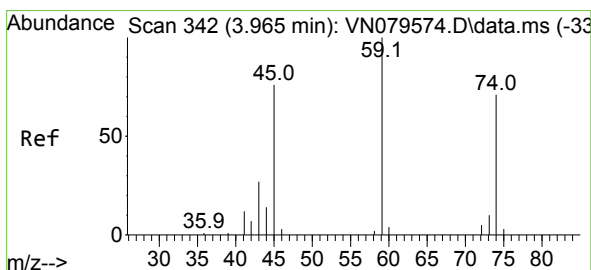
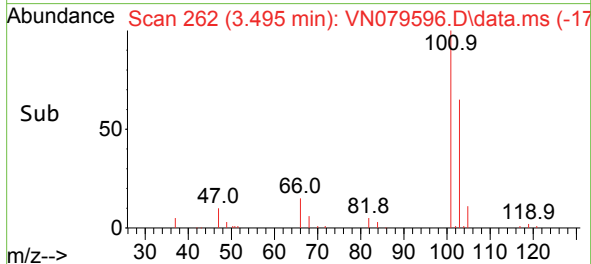
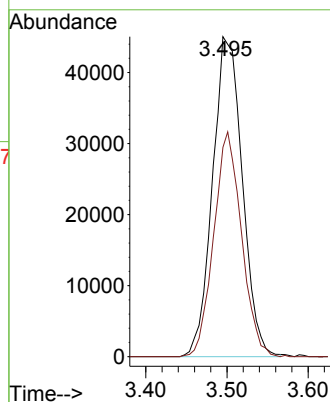
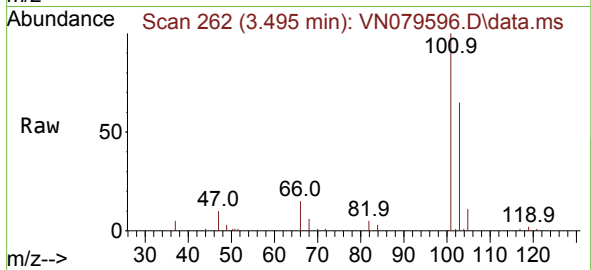




#7
Trichlorofluoromethane
Concen: 21.445 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.005 min
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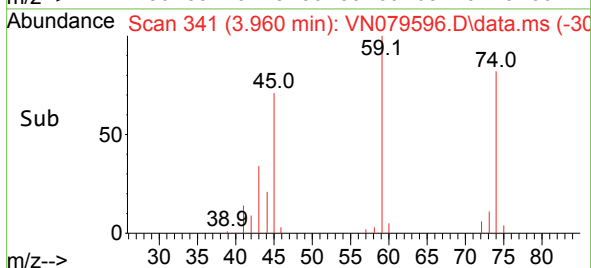
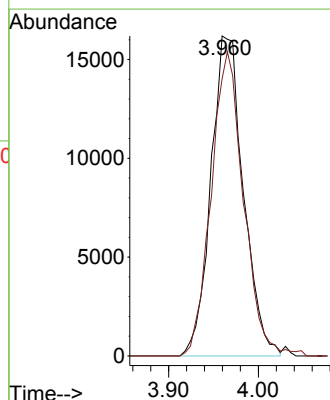
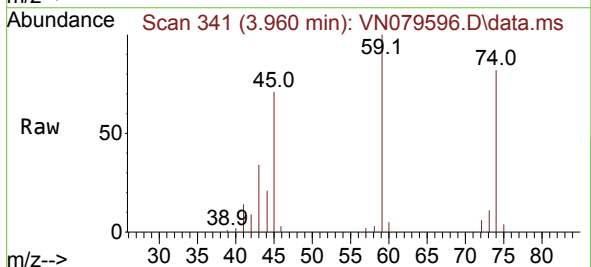
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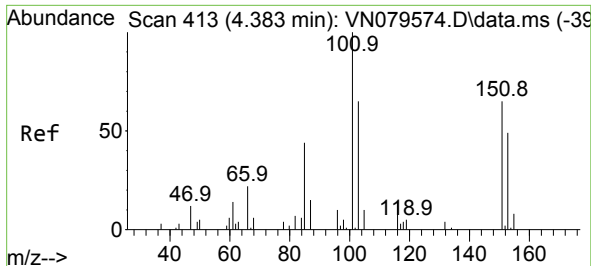
Tgt Ion:101 Resp: 114865
Ion Ratio Lower Upper
101 100
103 65.4 49.9 74.9



#8
Diethyl Ether
Concen: 20.992 ug/l
RT: 3.960 min Scan# 341
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 74 Resp: 40752
Ion Ratio Lower Upper
74 100
45 93.7 19.0 171.0

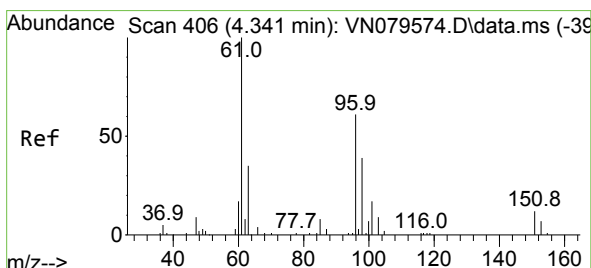
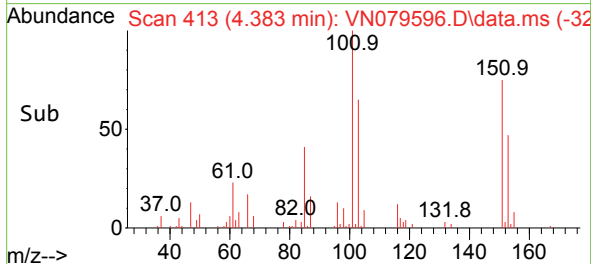
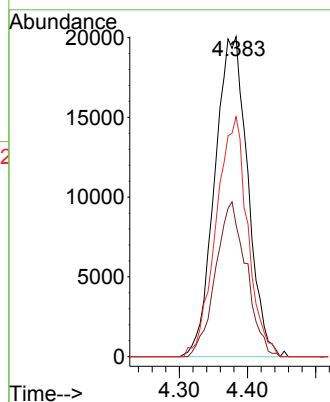
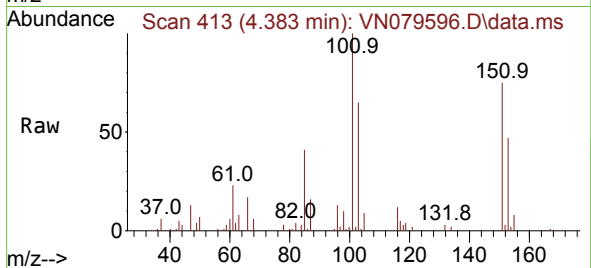




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.971 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. 0.000 min
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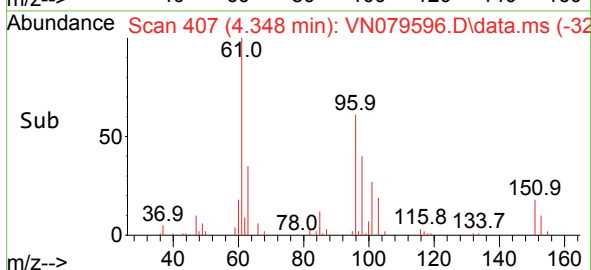
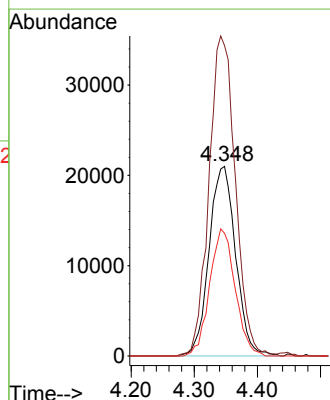
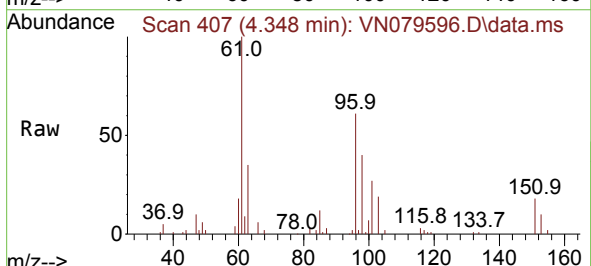
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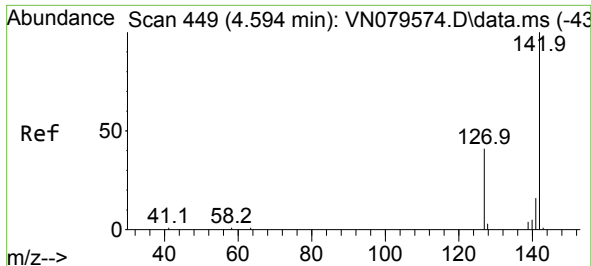
Tgt Ion:101 Resp: 67332
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 92.0
 151 71.3 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 21.061 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

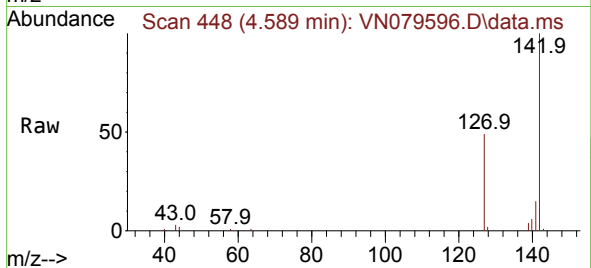
Tgt Ion: 96 Resp: 61406
 Ion Ratio Lower Upper
 96 100
 61 163.0 141.3 211.9
 98 64.7 53.2 79.8



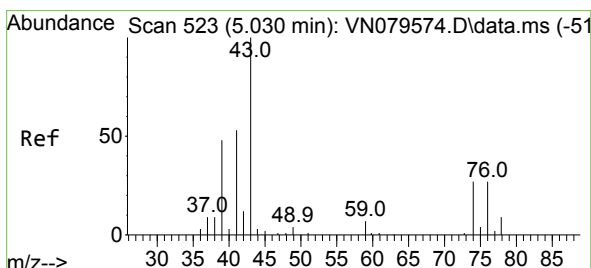
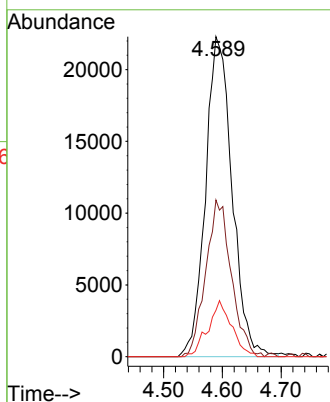
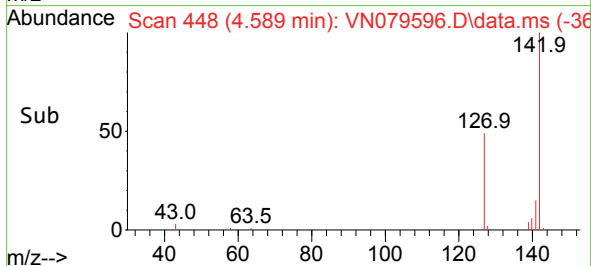


#11
Methyl Iodide
Concen: 21.673 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

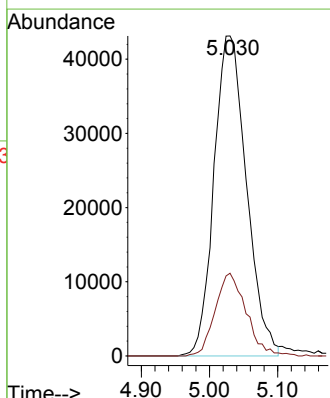
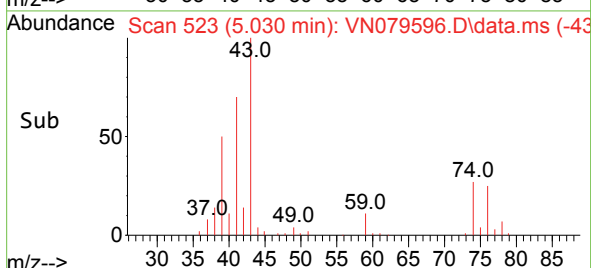
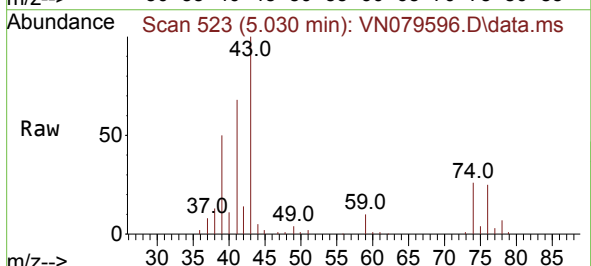


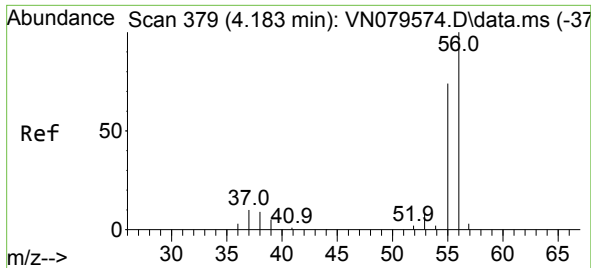
Tgt Ion:142 Resp: 69962
Ion Ratio Lower Upper
142 100
127 49.2 24.6 73.8
141 14.6 7.7 23.1



#12
Methyl Acetate
Concen: 20.361 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

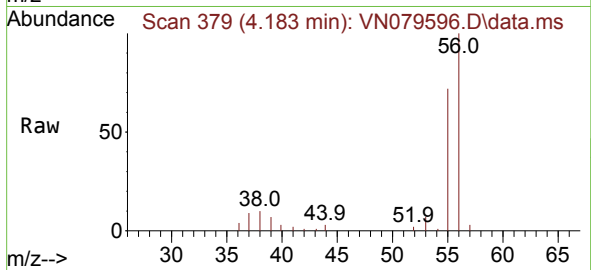
Tgt Ion: 43 Resp: 143111
Ion Ratio Lower Upper
43 100
74 25.8 18.1 27.1



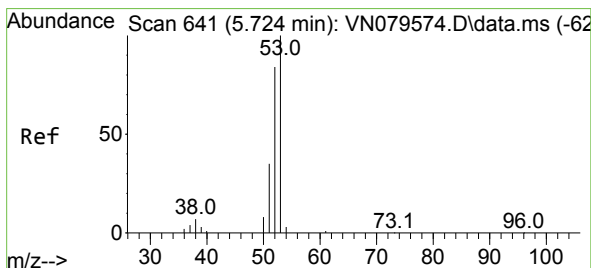
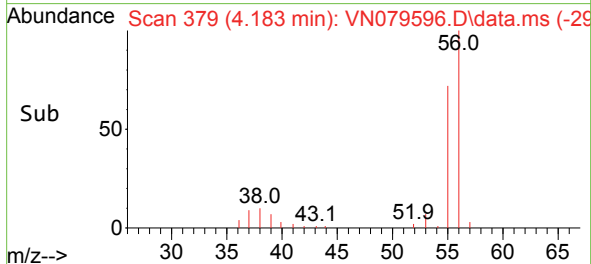
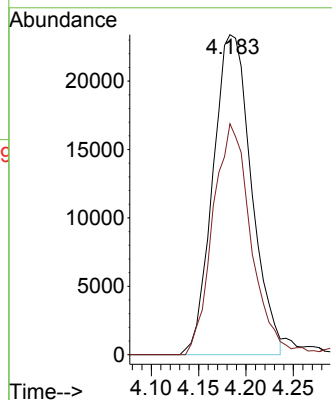


#13
Acrolein
Concen: 113.841 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

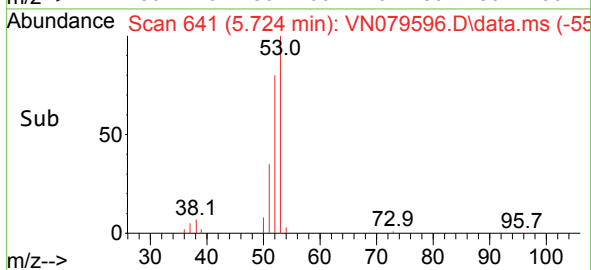
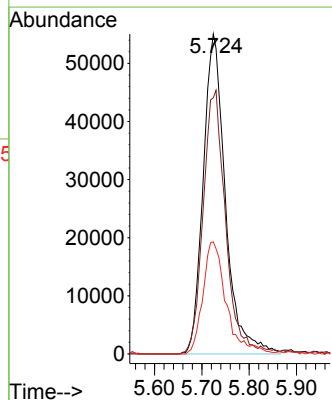
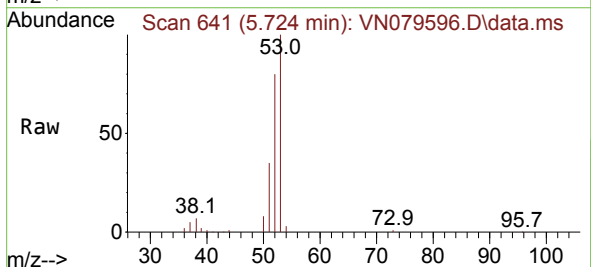


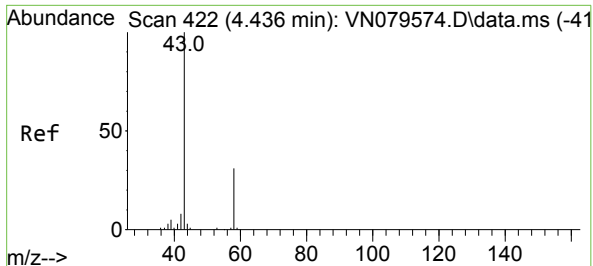
Tgt Ion: 56 Resp: 66145
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7



#14
Acrylonitrile
Concen: 106.712 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 53 Resp: 179622
Ion Ratio Lower Upper
53 100
52 80.4 41.6 124.9
51 35.4 17.8 53.3





#15

Acetone

Concen: 107.622 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.005 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

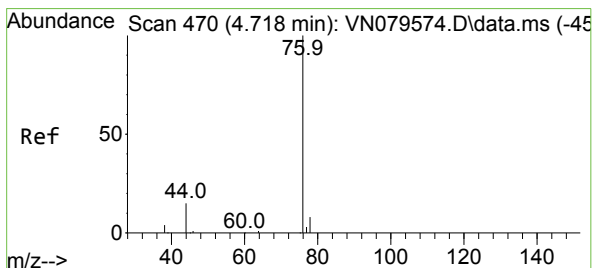
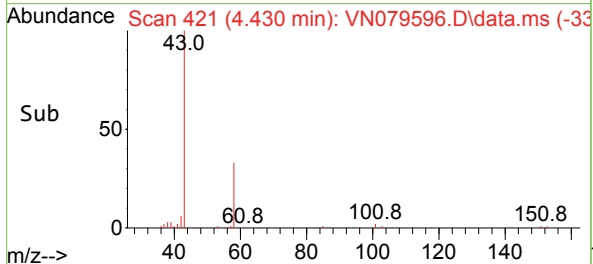
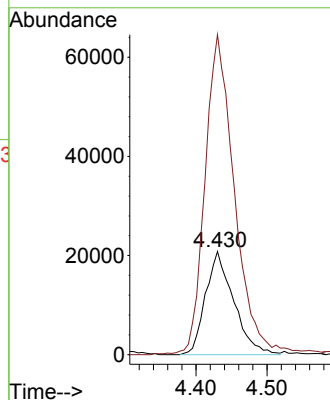
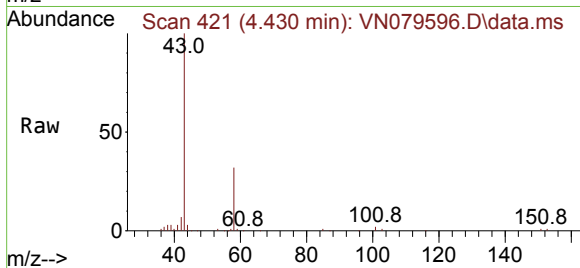
ClientSampleId :

Tgt Ion: 58 Resp: 57386

Ion Ratio Lower Upper

58 100

43 306.9 225.2 337.8



#16

Carbon Disulfide

Concen: 20.300 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.005 min

Lab File: VN079596.D

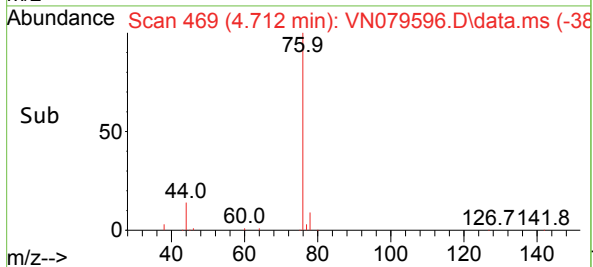
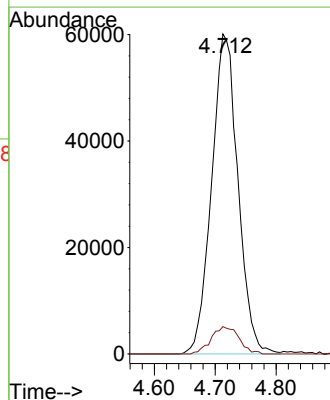
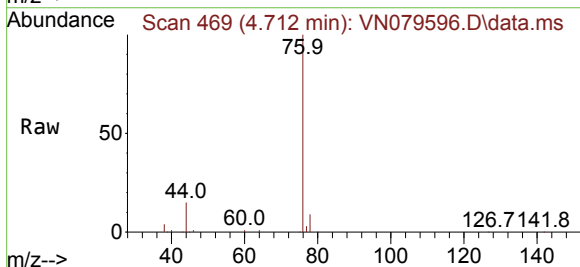
Acq: 18 Oct 2023 12:28

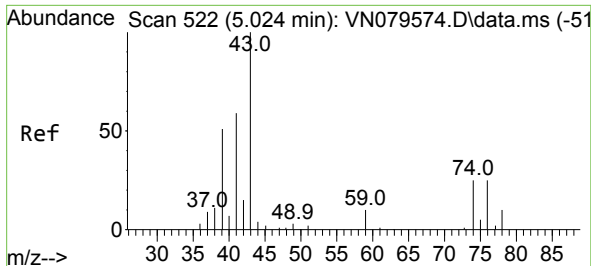
Tgt Ion: 76 Resp: 180482

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

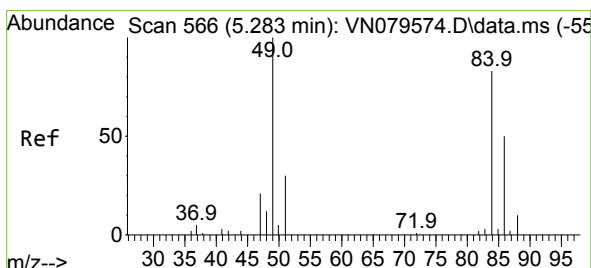
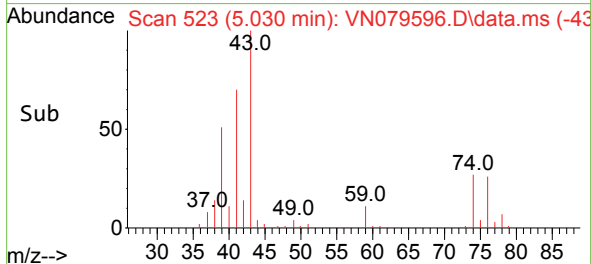
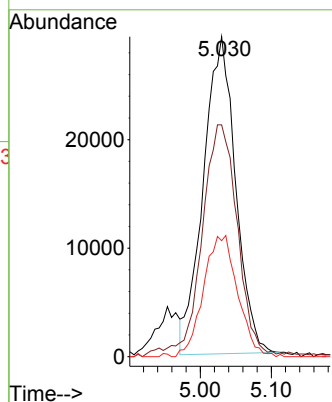
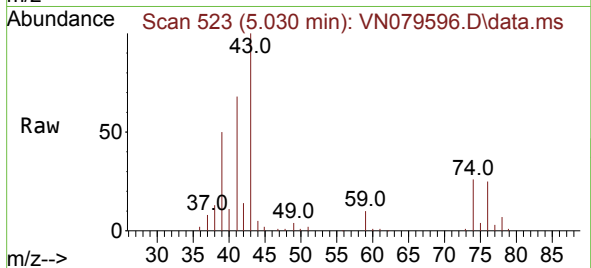




#17
 Allyl chloride
 Concen: 20.530 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

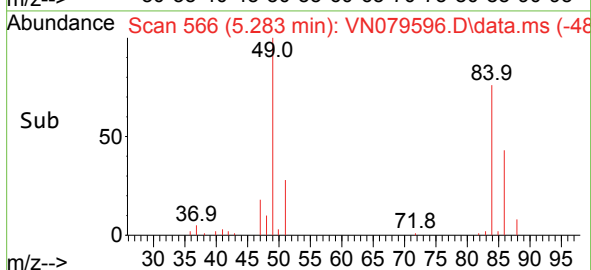
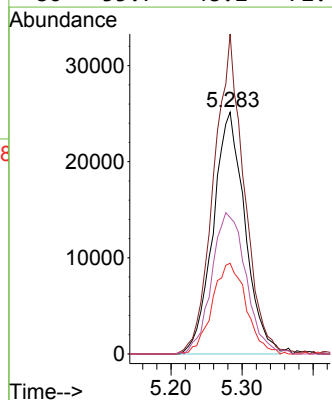
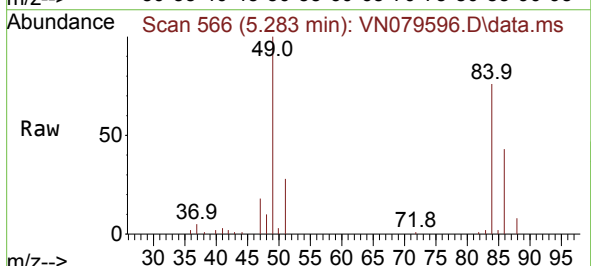
Instrument :
 MSVOA_N
 ClientSampleId :

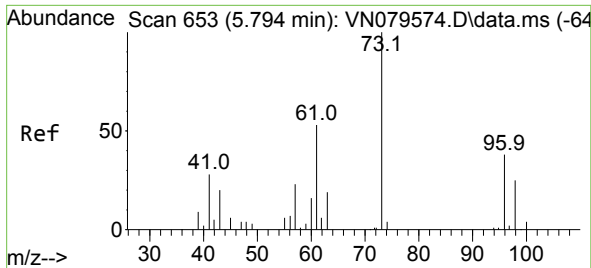
Tgt Ion: 41 Resp: 92288
 Ion Ratio Lower Upper
 41 100
 39 72.3 38.4 115.2
 76 36.0 19.5 58.5



#18
 Methylene Chloride
 Concen: 21.824 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

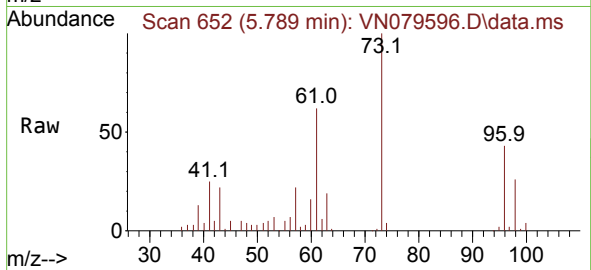
Tgt Ion: 84 Resp: 78320
 Ion Ratio Lower Upper
 84 100
 49 131.6 100.9 151.3
 51 37.5 29.4 44.2
 86 55.7 48.2 72.4



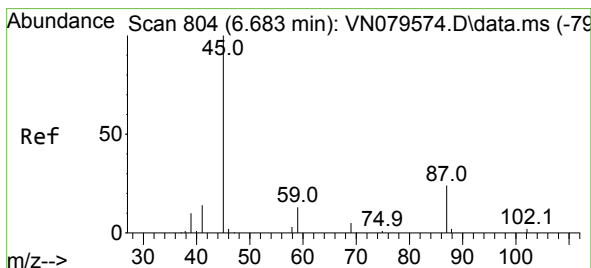
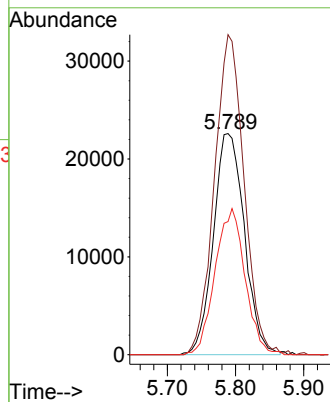
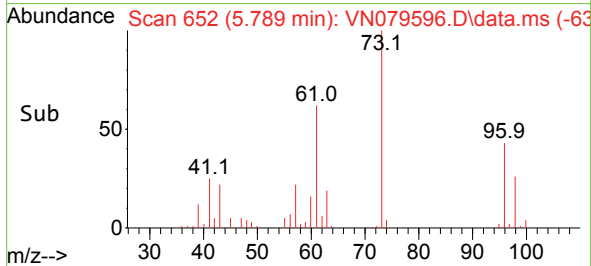


#19
trans-1,2-Dichloroethene
Concen: 21.916 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

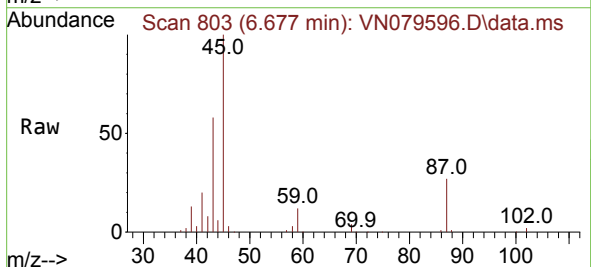
Instrument :
MSVOA_N
ClientSampleId :



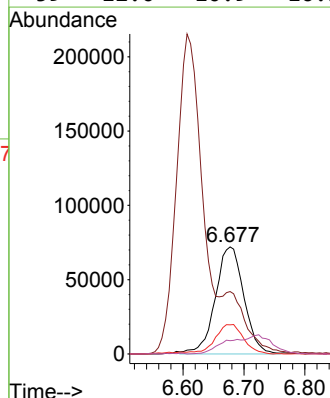
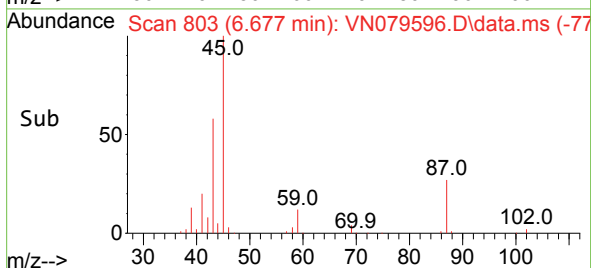
Tgt Ion: 96 Resp: 71487
Ion Ratio Lower Upper
96 100
61 144.8 113.4 170.0
98 60.2 50.4 75.6

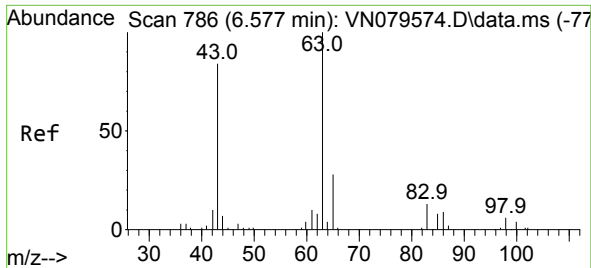


#20
Diisopropyl ether
Concen: 21.982 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28



Tgt Ion: 45 Resp: 234308
Ion Ratio Lower Upper
45 100
43 56.2 42.1 63.1
87 27.0 20.5 30.7
59 12.0 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.493 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.005 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

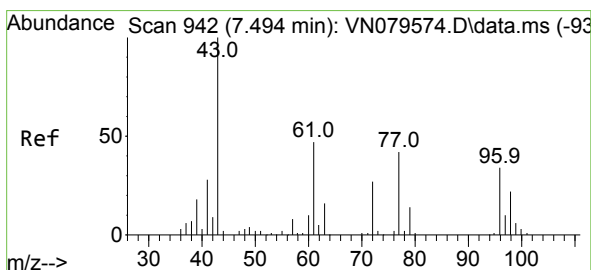
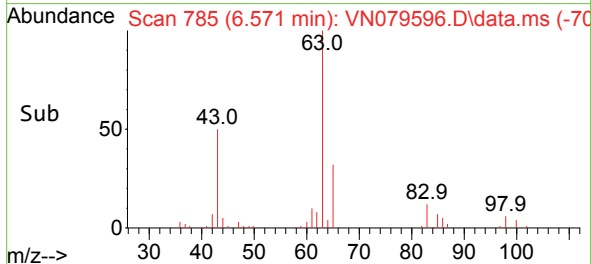
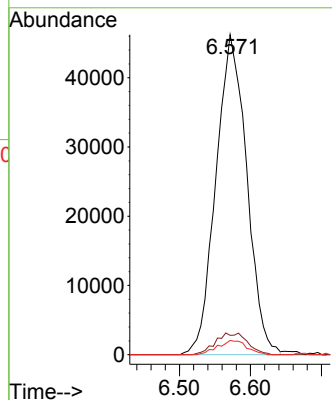
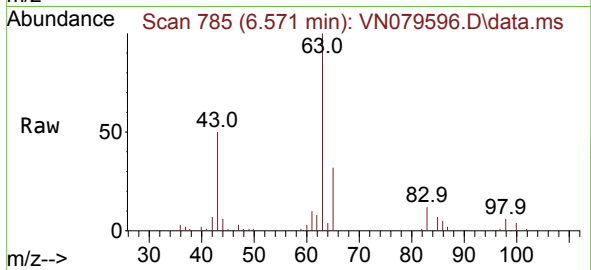
Tgt Ion: 63 Resp: 139214

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 4.4 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 21.553 ug/l

RT: 7.495 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

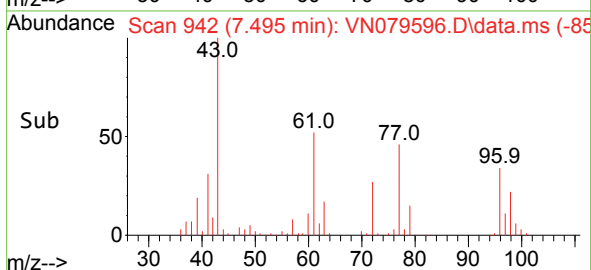
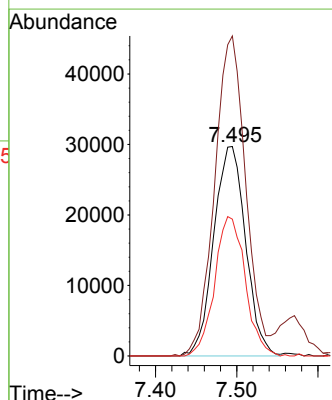
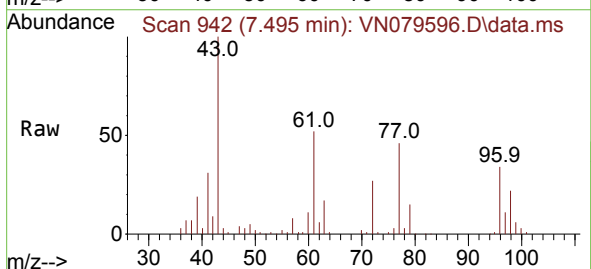
Tgt Ion: 96 Resp: 80976

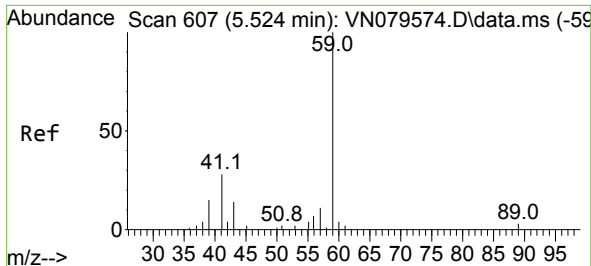
Ion Ratio Lower Upper

96 100

61 149.6 124.6 186.8

98 63.8 54.2 81.4

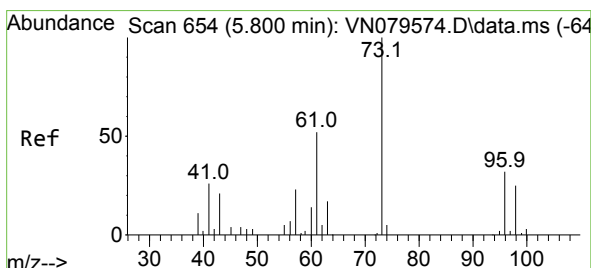
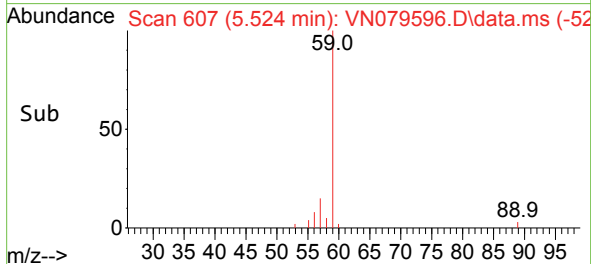
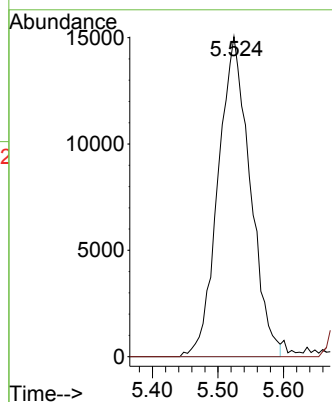
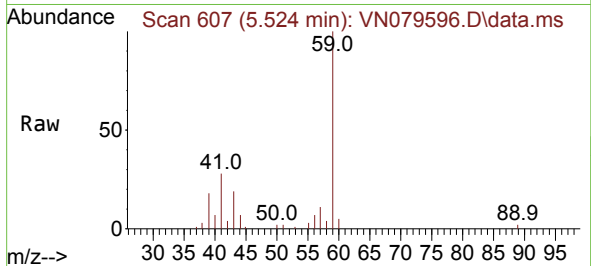




#23
tert-Butyl Alcohol
Concen: 90.610 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

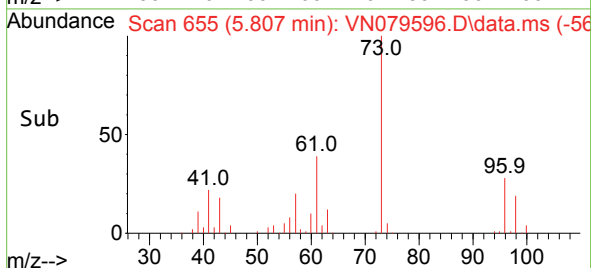
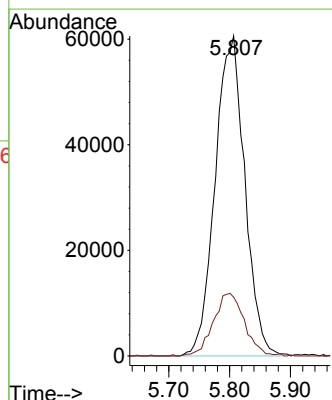
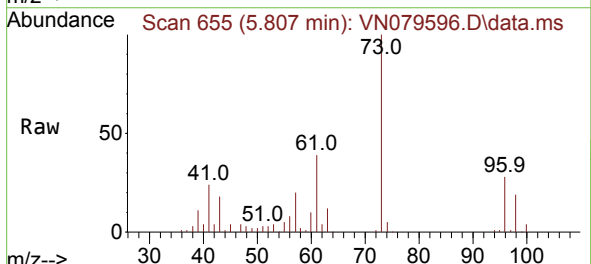
Instrument :
MSVOA_N
ClientSampleId :

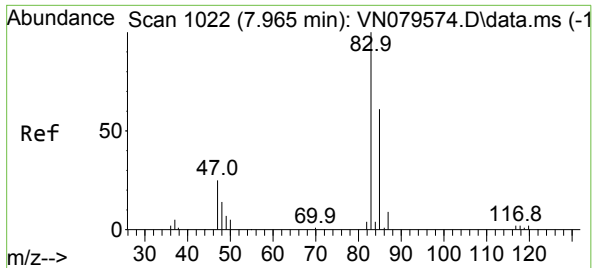
Tgt Ion: 59 Resp: 51001
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.925 ug/l
RT: 5.807 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 73 Resp: 204710
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8





#25

Chloroform

Concen: 21.699 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

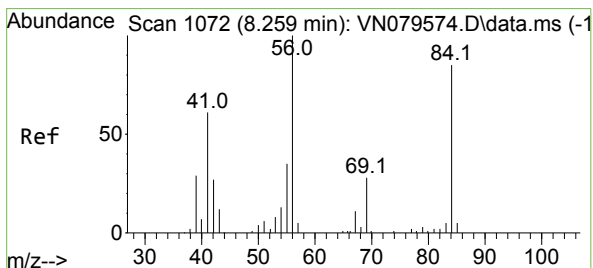
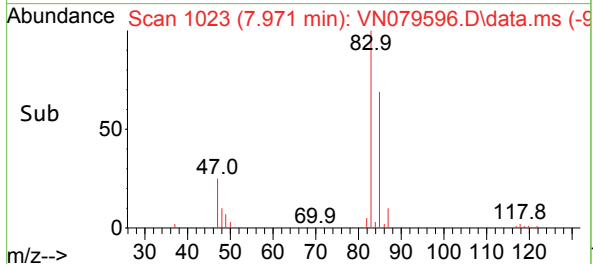
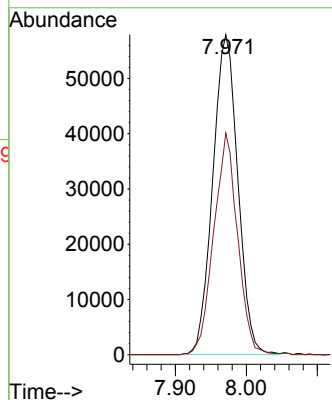
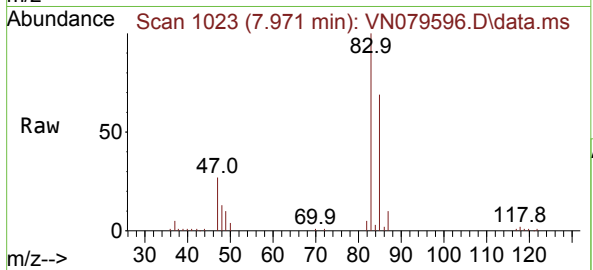
ClientSampleId :

Tgt Ion: 83 Resp: 142017

Ion Ratio Lower Upper

83 100

85 69.2 47.4 71.2



#26

Cyclohexane

Concen: 21.079 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

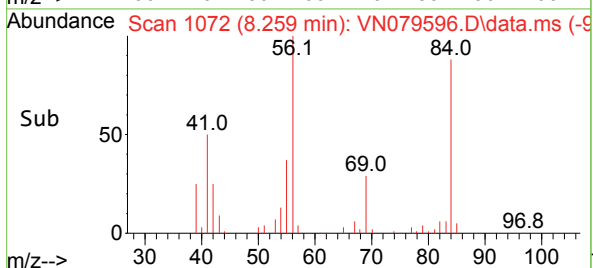
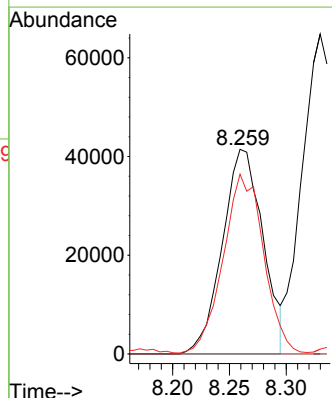
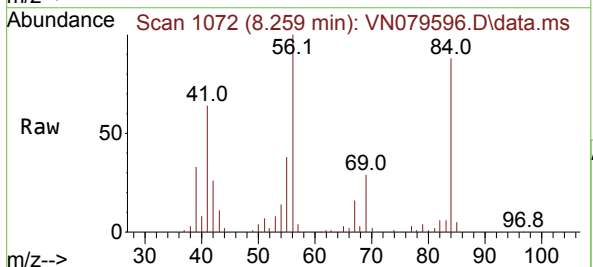
Tgt Ion: 56 Resp: 103210

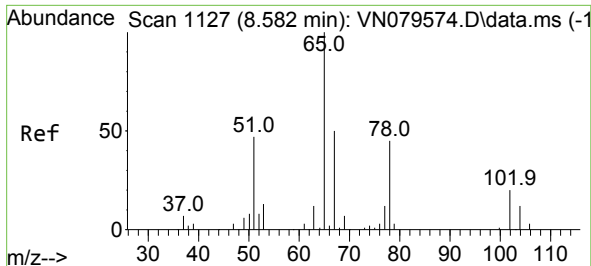
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.531 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

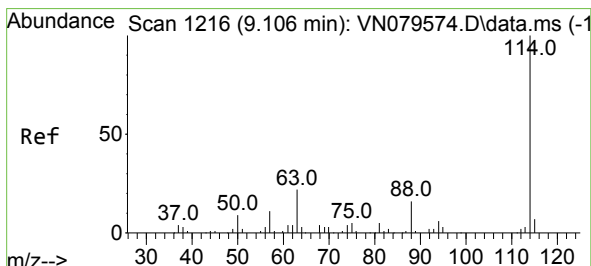
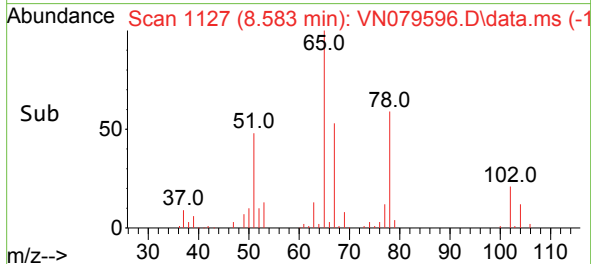
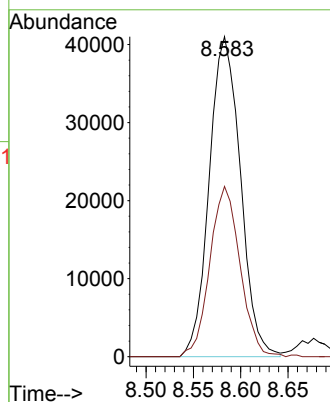
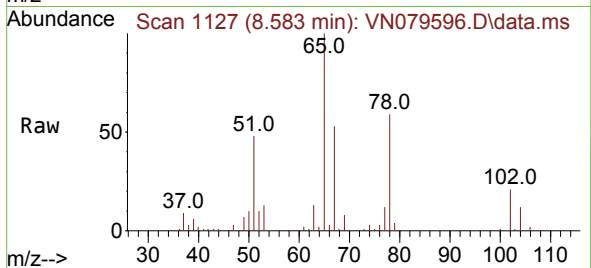
ClientSampleId :

Tgt Ion: 65 Resp: 93932

Ion Ratio Lower Upper

65 100

67 51.5 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

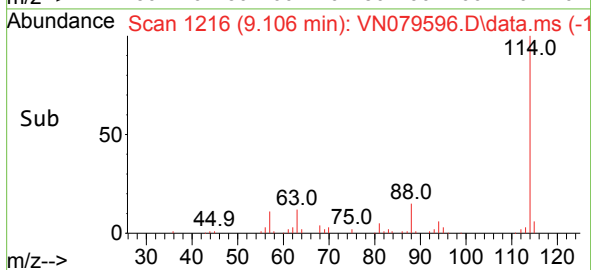
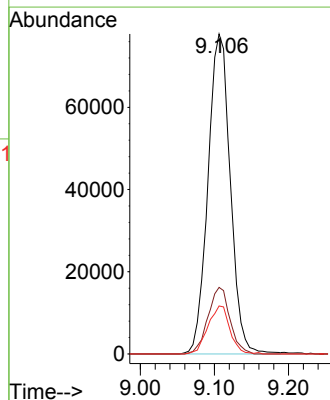
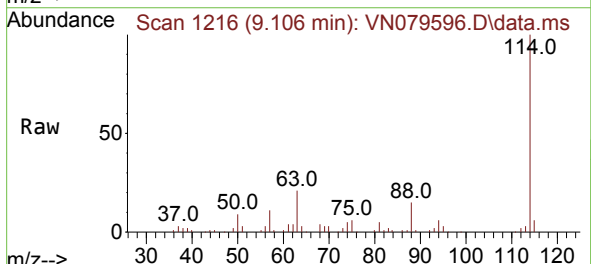
Tgt Ion: 114 Resp: 163074

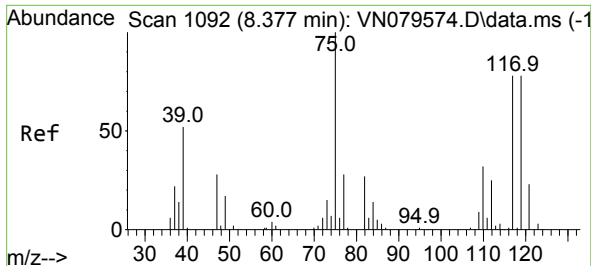
Ion Ratio Lower Upper

114 100

63 20.4 18.1 27.1

88 14.7 12.2 18.2

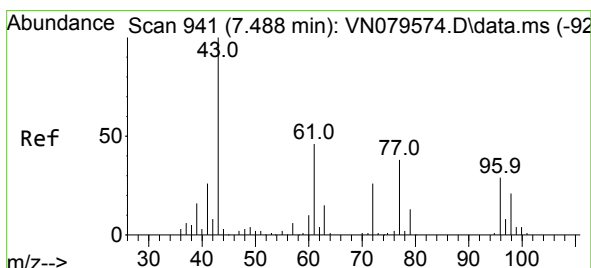
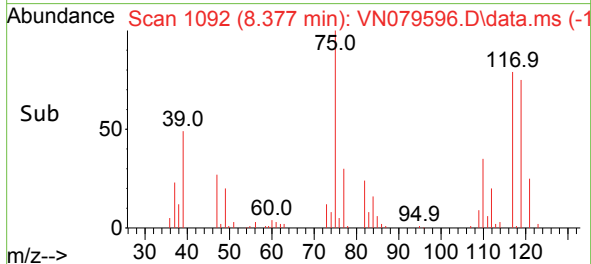
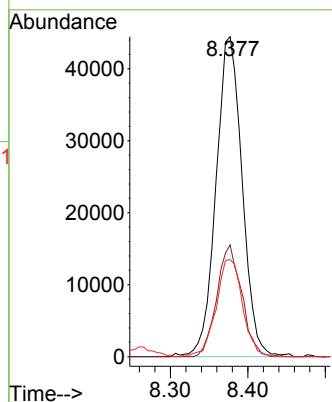
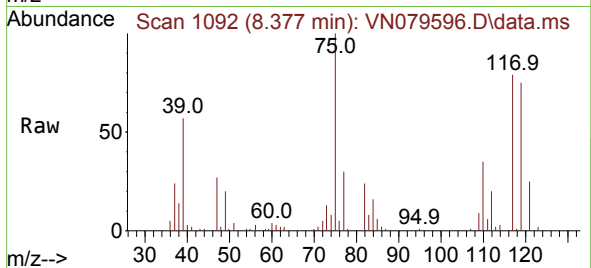




#29
1,1-Dichloropropene
Concen: 21.829 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

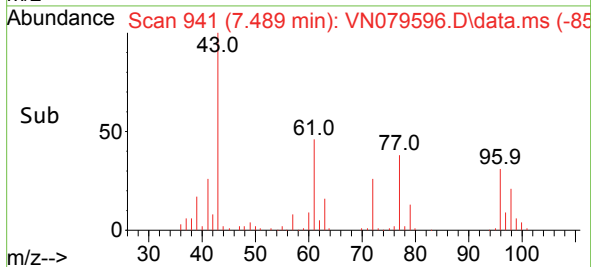
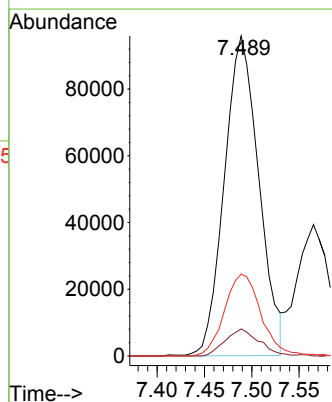
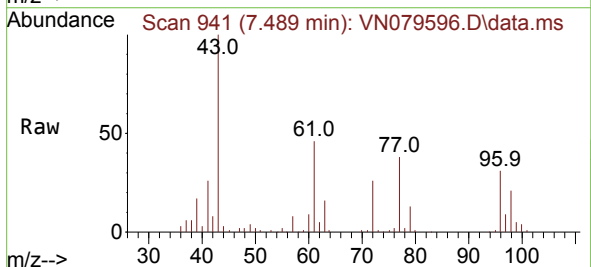
Instrument :
MSVOA_N
ClientSampleId :

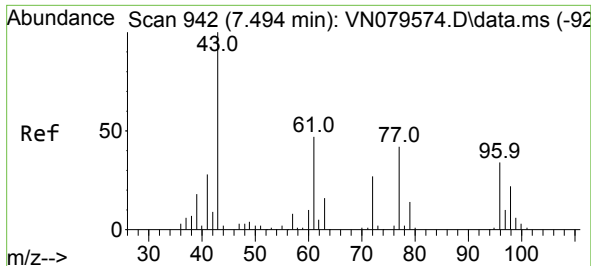
Tgt Ion: 75 Resp: 104027
Ion Ratio Lower Upper
75 100
110 33.2 0.0 66.8
77 30.8 0.0 61.2



#30
2-Butanone
Concen: 101.713 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 43 Resp: 242973
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 27.0 20.7 31.1





#31

2,2-Dichloropropane

Concen: 20.952 ug/l

RT: 7.495 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

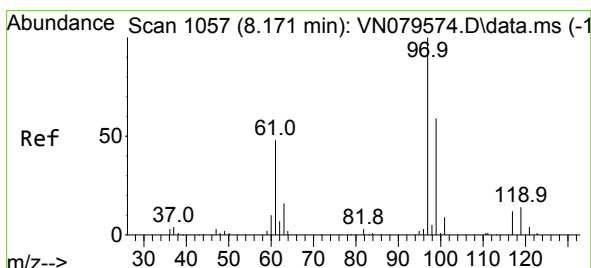
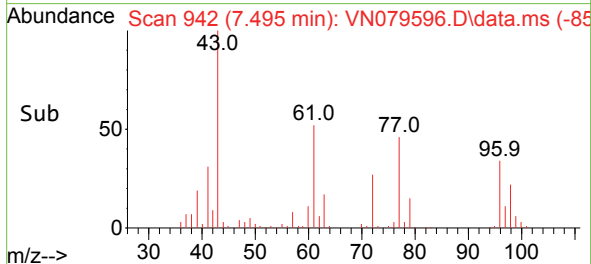
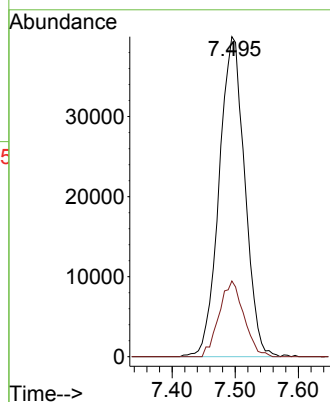
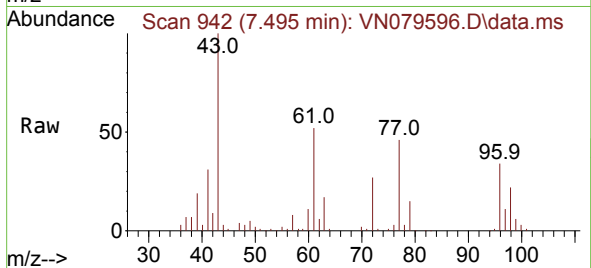
ClientSampleId :

Tgt Ion: 77 Resp: 112579

Ion Ratio Lower Upper

77 100

97 22.6 17.9 26.9



#32

1,1,1-Trichloroethane

Concen: 21.537 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

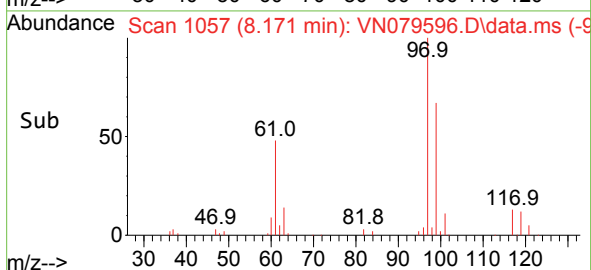
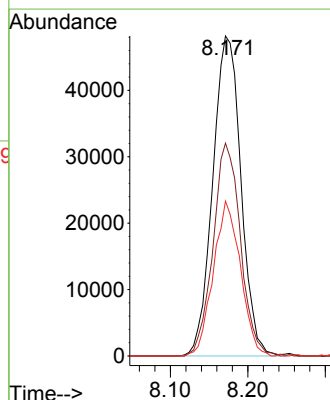
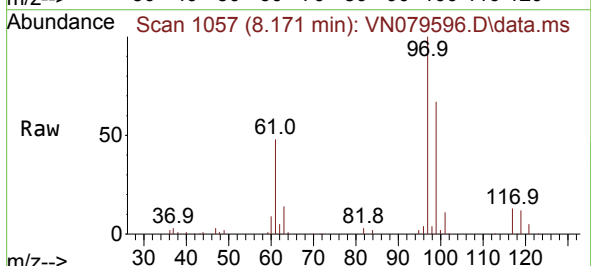
Tgt Ion: 97 Resp: 121990

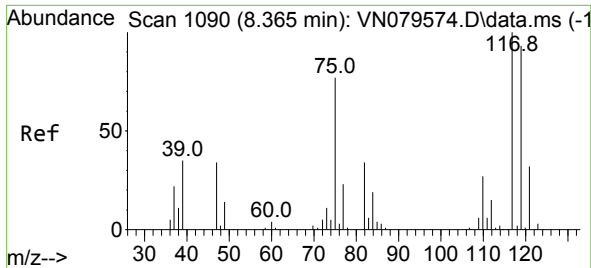
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

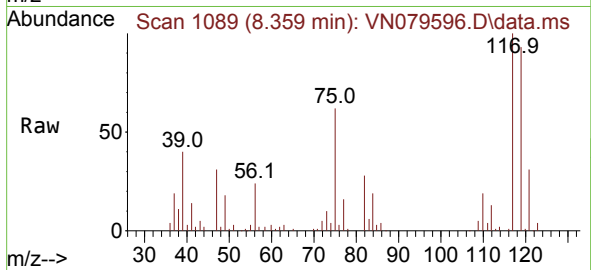
61 46.5 37.6 56.4



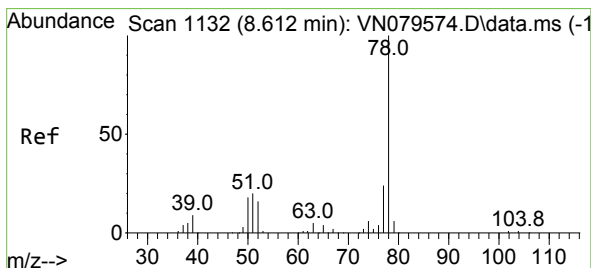
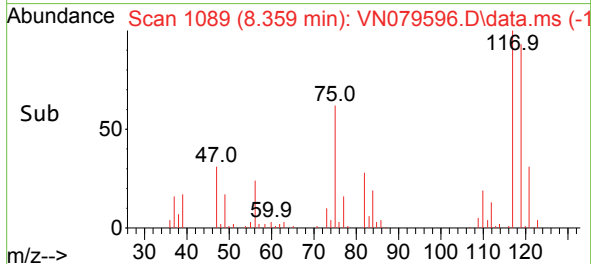
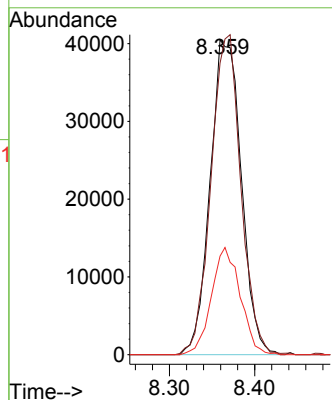


#33
Carbon Tetrachloride
Concen: 21.323 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

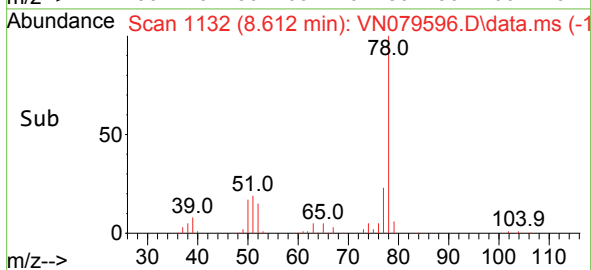
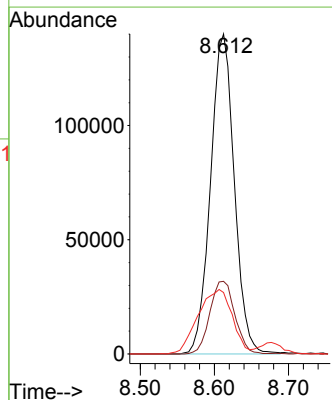
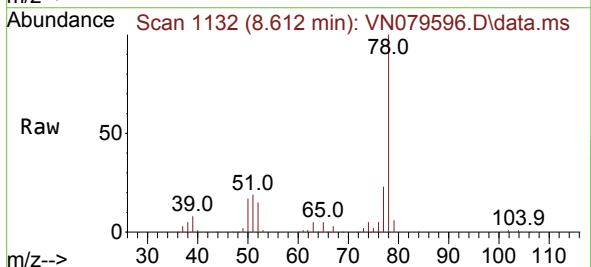


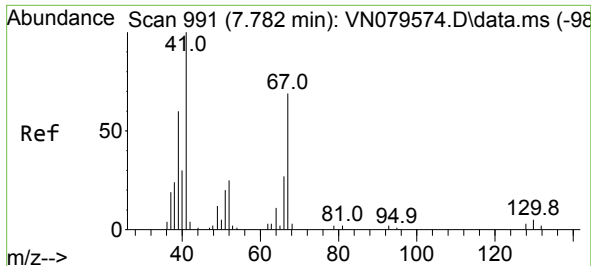
Tgt Ion:117 Resp: 102718
Ion Ratio Lower Upper
117 100
119 92.2 75.0 112.6
121 31.3 24.3 36.5



#34
Benzene
Concen: 21.581 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

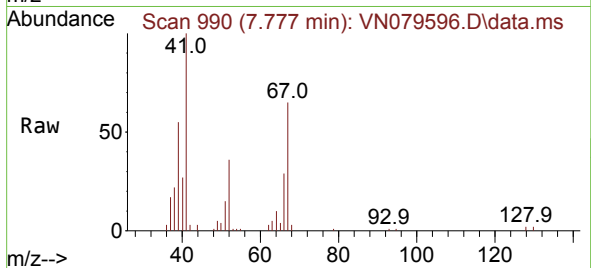
Tgt Ion: 78 Resp: 312475
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5
51 18.1 15.8 23.6



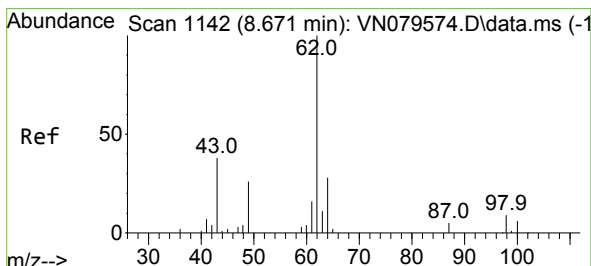
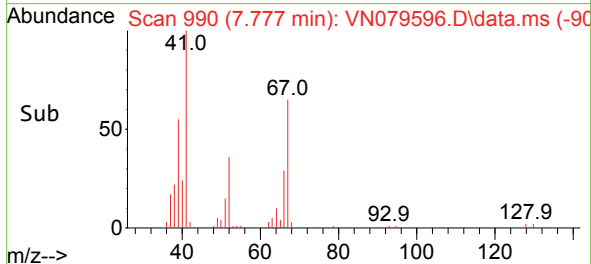
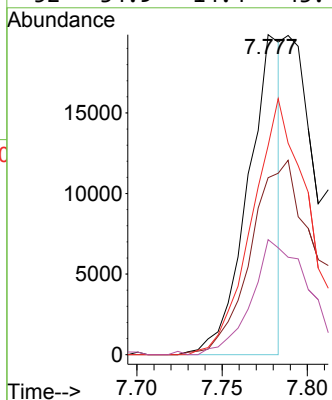


#35
Methacrylonitrile
Concen: 10.745 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

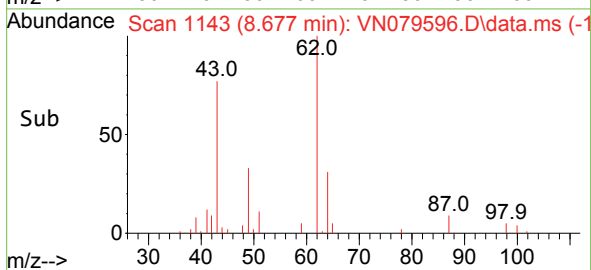
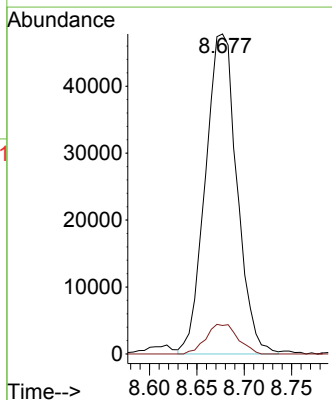
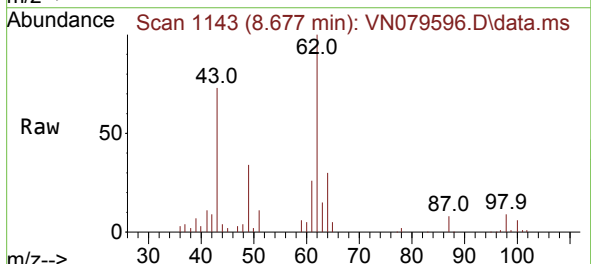


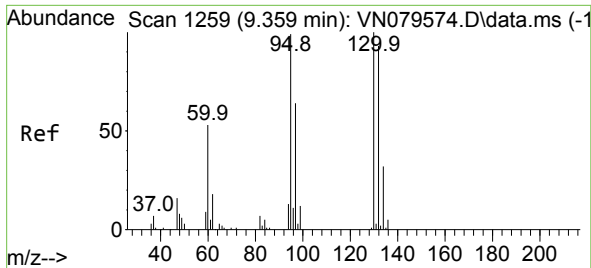
Tgt Ion:	41	Resp:	27000
Ion	Ratio	Lower	Upper
41	100		
39	55.3	26.3	78.8
67	65.3	37.5	112.3
52	34.9	14.4	43.4



#36
1,2-Dichloroethane
Concen: 21.469 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion:	62	Resp:	110988
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.2	10.8

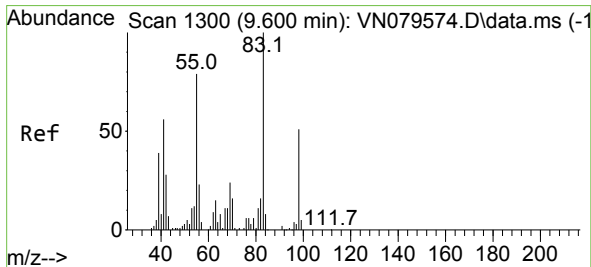
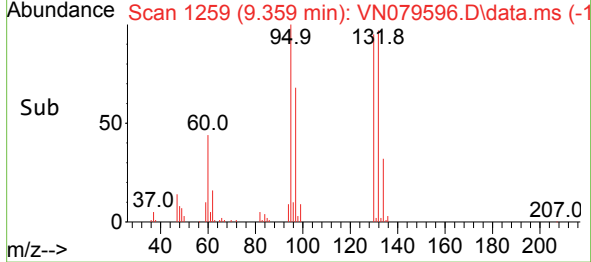
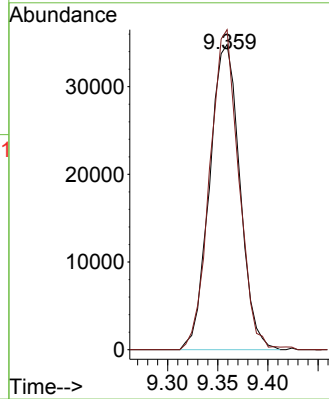
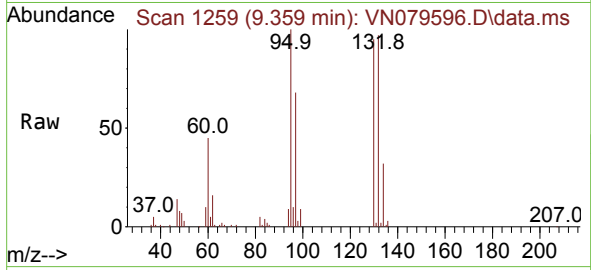




#37
Trichloroethene
Concen: 21.651 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

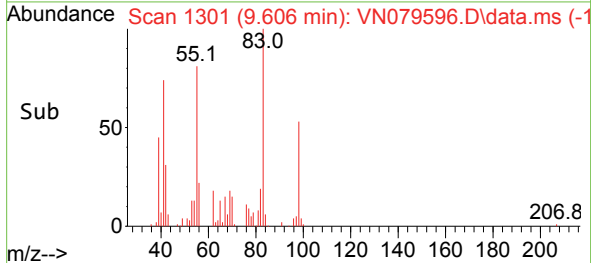
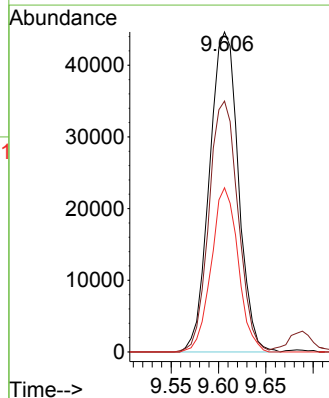
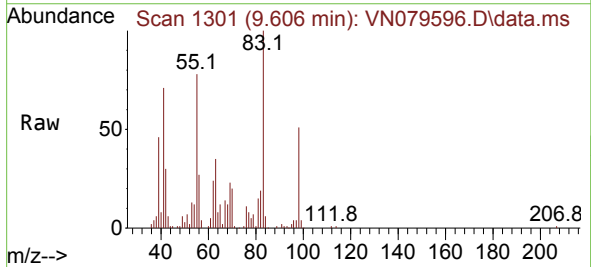
Instrument :
MSVOA_N
ClientSampleId :

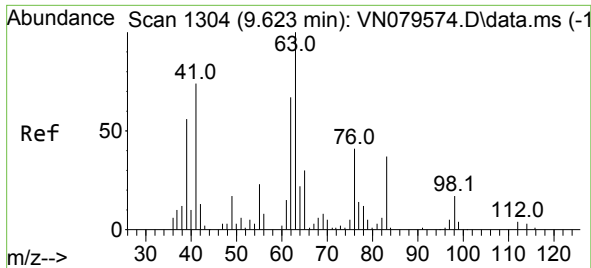
Tgt Ion:130 Resp: 73278
Ion Ratio Lower Upper
130 100
95 104.9 81.2 121.8



#38
Methylcyclohexane
Concen: 20.636 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 83 Resp: 94687
Ion Ratio Lower Upper
83 100
55 78.9 39.7 119.1
98 47.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 21.660 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

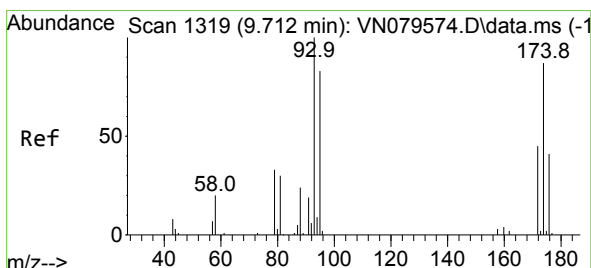
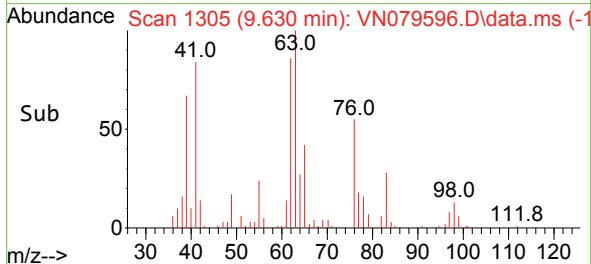
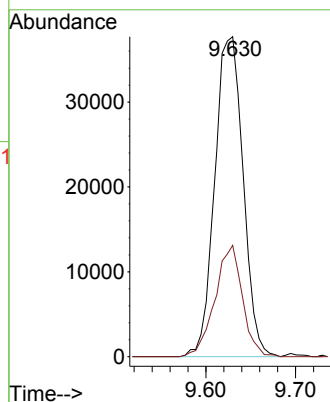
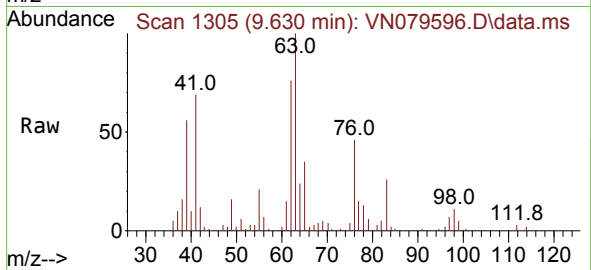
ClientSampleId :

Tgt Ion: 63 Resp: 82763

Ion Ratio Lower Upper

63 100

65 34.8 25.3 37.9



#40

Dibromomethane

Concen: 22.206 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

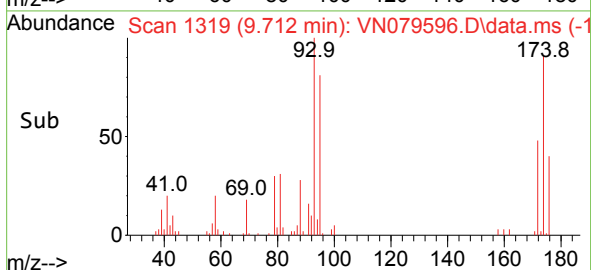
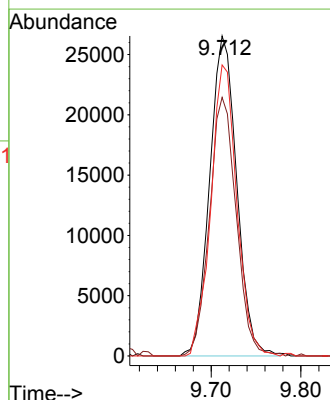
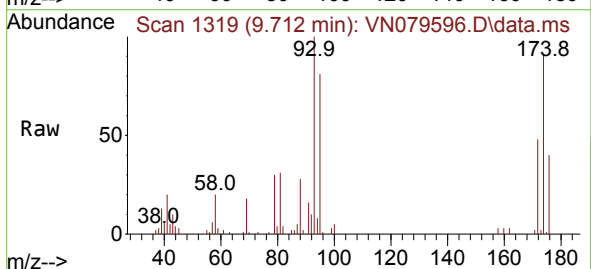
Tgt Ion: 93 Resp: 55683

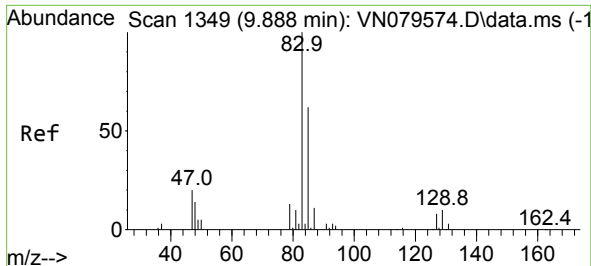
Ion Ratio Lower Upper

93 100

95 79.7 0.0 166.6

174 87.6 0.0 171.0

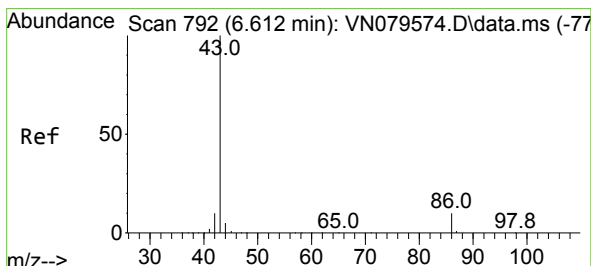
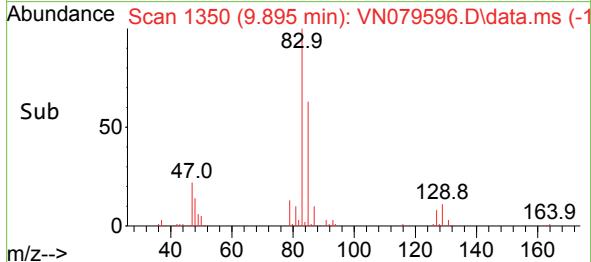
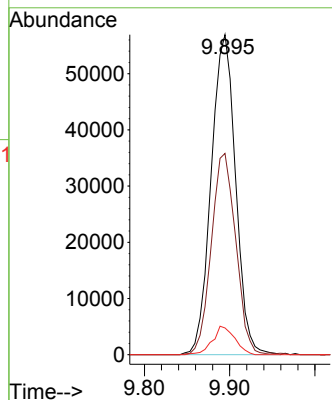
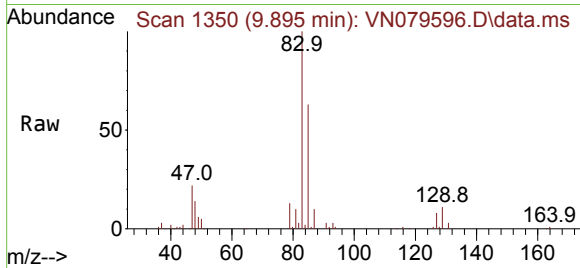




#41
Bromodichloromethane
Concen: 21.817 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

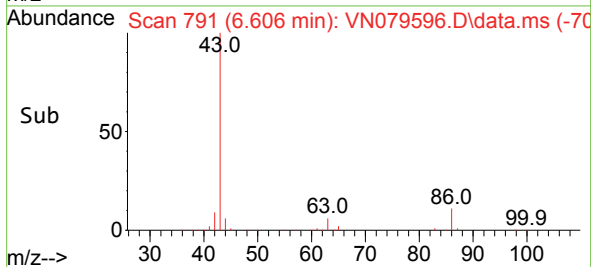
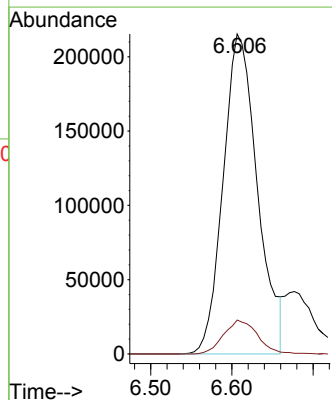
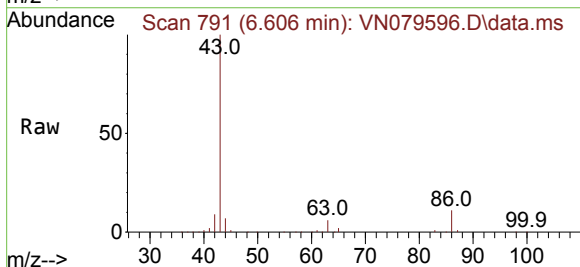
Instrument :
MSVOA_N
ClientSampleId :

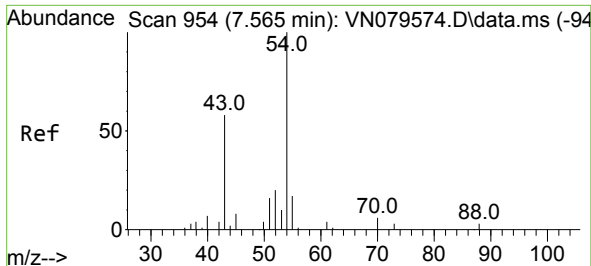
Tgt Ion: 83 Resp: 113378
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5
127 8.3 6.8 10.2



#42
Vinyl Acetate
Concen: 104.303 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 43 Resp: 632046
Ion Ratio Lower Upper
43 100
86 10.4 8.2 12.2

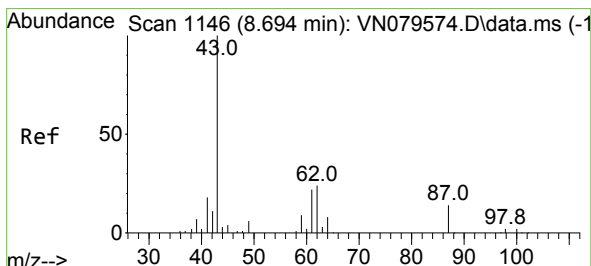
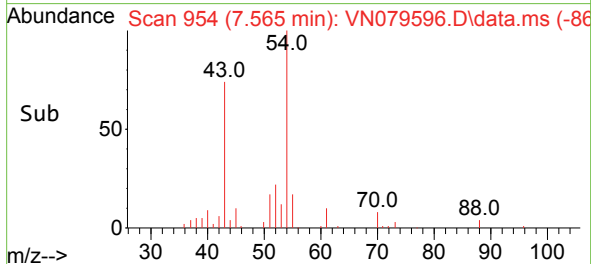
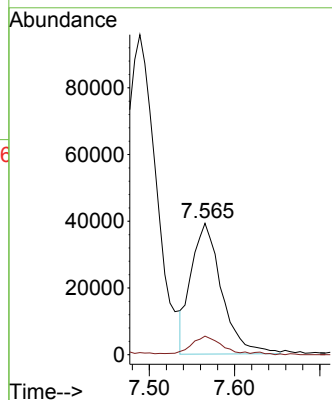
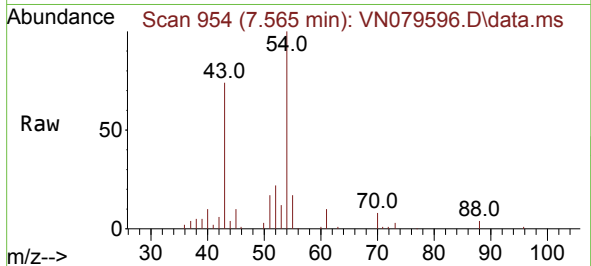




#43
Ethyl Acetate
Concen: 21.740 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

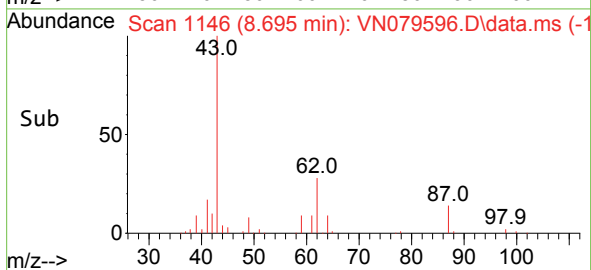
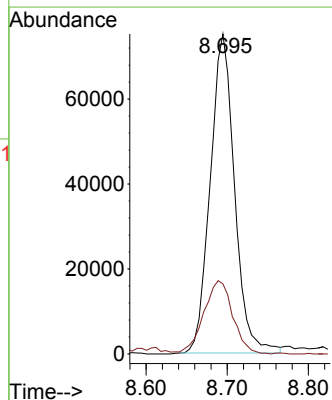
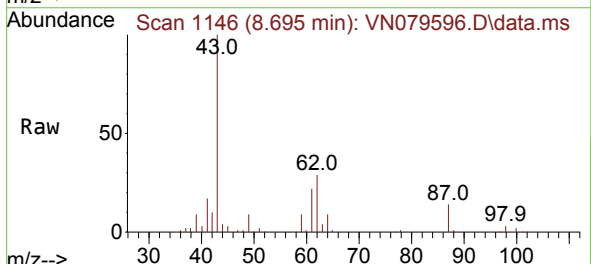
Instrument :
MSVOA_N
ClientSampleId :

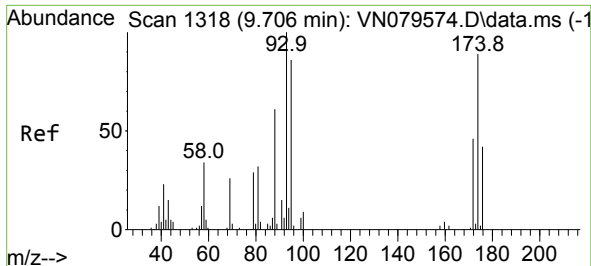
Tgt Ion: 43 Resp: 97654
Ion Ratio Lower Upper
43 100
45 13.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.567 ug/l
RT: 8.695 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

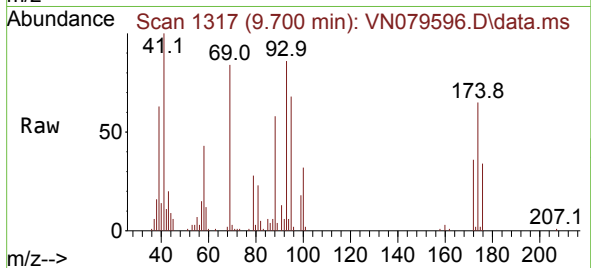
Tgt Ion: 43 Resp: 156241
Ion Ratio Lower Upper
43 100
61 27.4 20.3 30.5



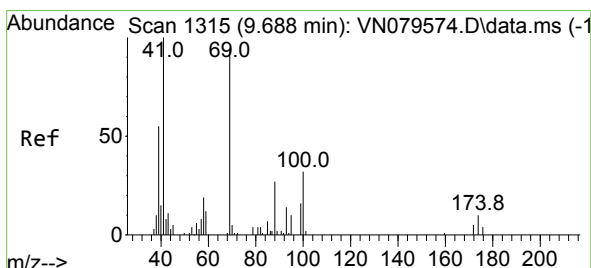
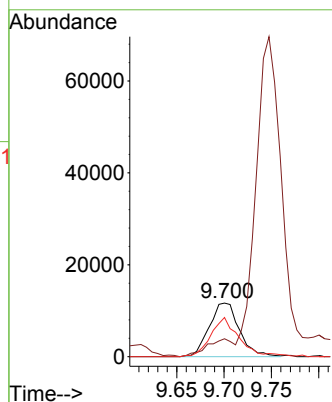
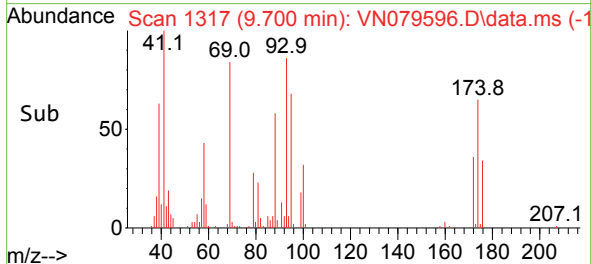


#45
1,4-Dioxane
Concen: 412.835 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

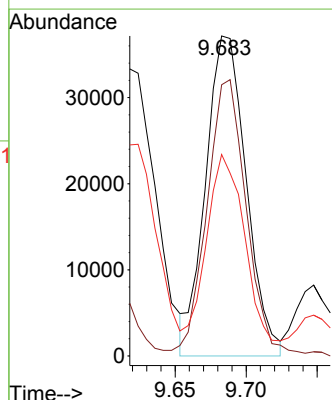
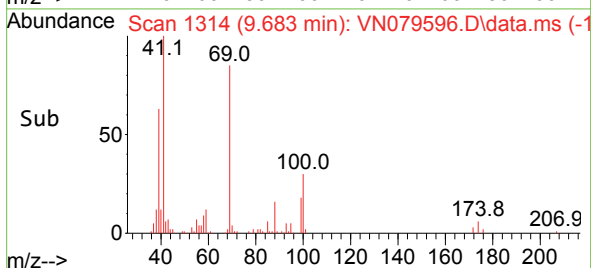
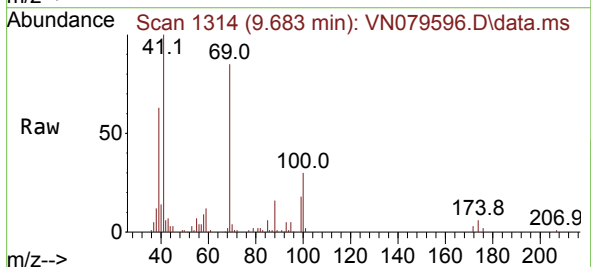


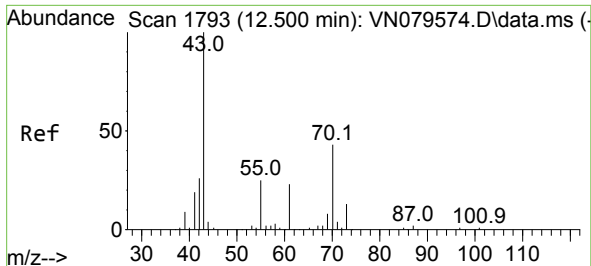
Tgt Ion: 88 Resp: 25804
Ion Ratio Lower Upper
88 100
43 30.1 28.7 43.1
58 66.1 56.9 85.3



#46
Methyl methacrylate
Concen: 20.871 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 41 Resp: 73935
Ion Ratio Lower Upper
41 100
69 85.4 40.0 119.9
39 61.0 31.1 93.3

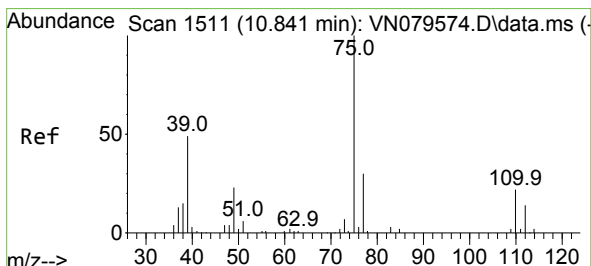
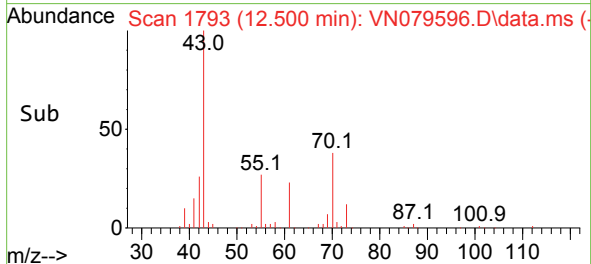
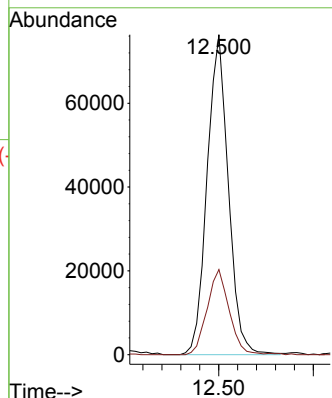
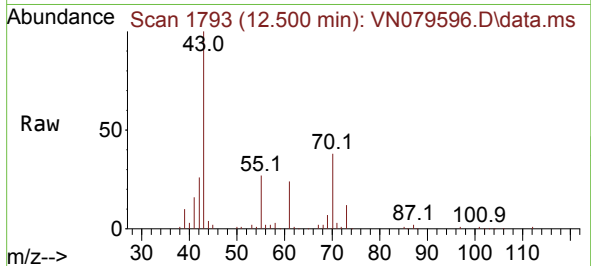




#47
n-amyl acetate
Concen: 20.591 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

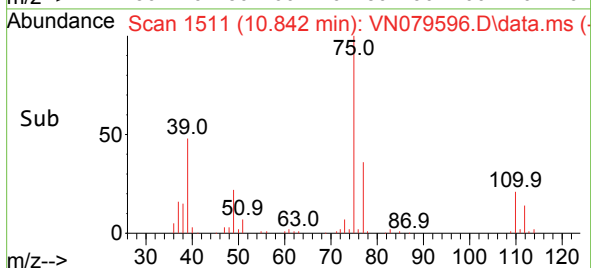
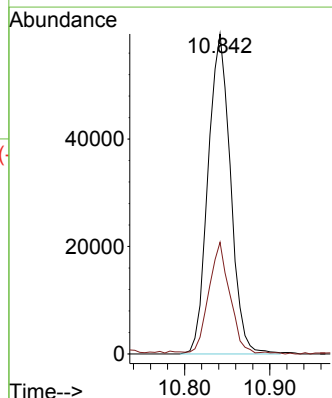
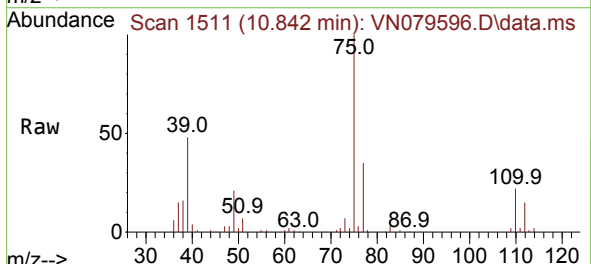
Instrument :
MSVOA_N
ClientSampleId :

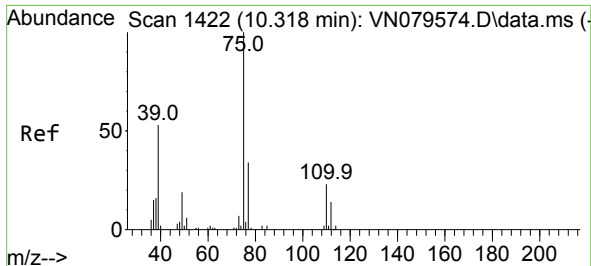
Tgt Ion: 43 Resp: 118662
Ion Ratio Lower Upper
43 100
55 27.5 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 20.747 ug/l
RT: 10.842 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 75 Resp: 108996
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 21.331 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

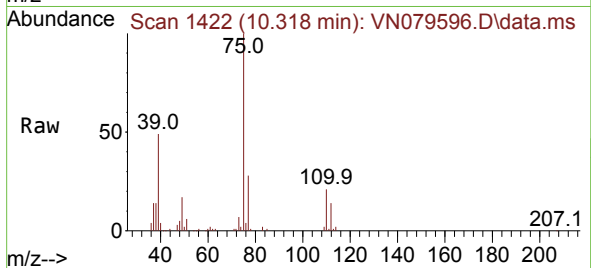
Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :



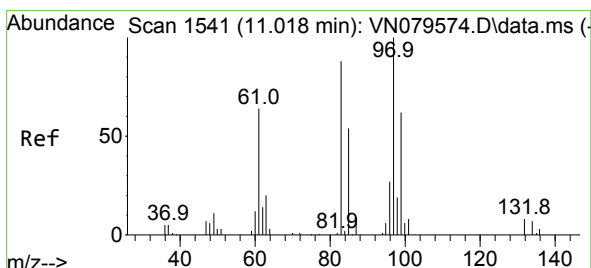
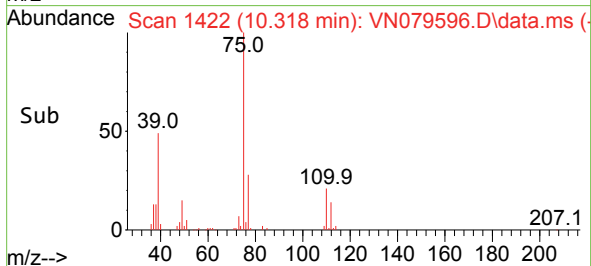
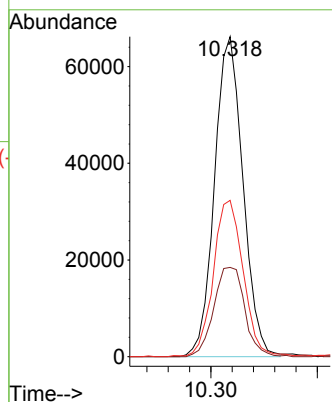
Tgt Ion: 75 Resp: 122538

Ion Ratio Lower Upper

75 100

77 27.9 25.8 38.6

39 48.6 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 20.863 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Tgt Ion: 97 Resp: 72576

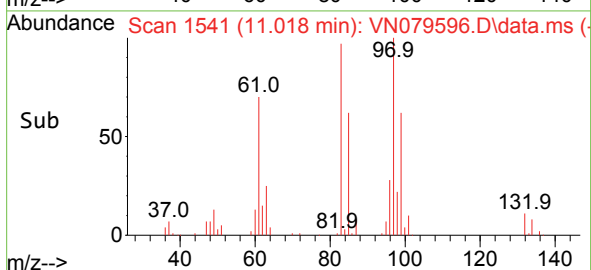
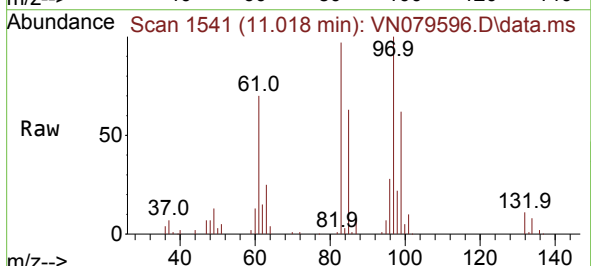
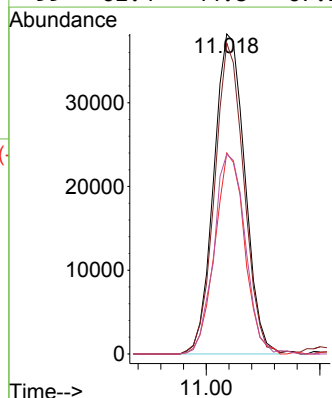
Ion Ratio Lower Upper

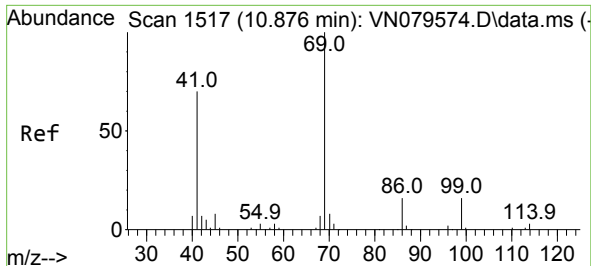
97 100

83 97.1 68.2 102.4

85 62.8 42.9 64.3

99 62.4 44.8 67.2

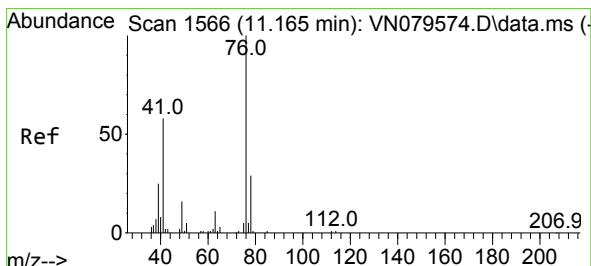
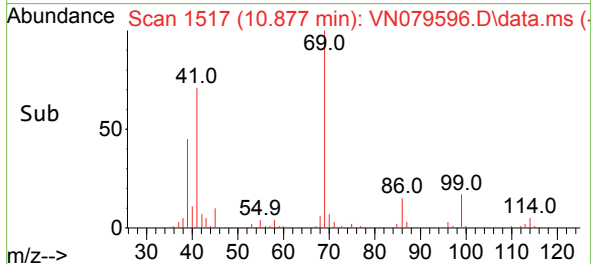
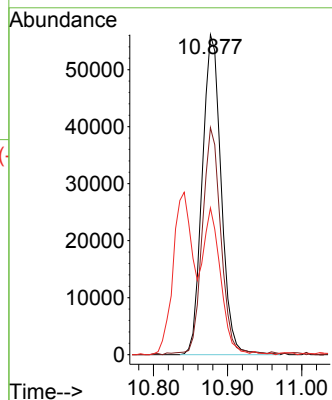
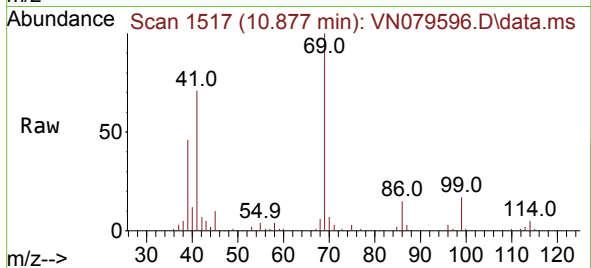




#51
Ethyl methacrylate
Concen: 20.763 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

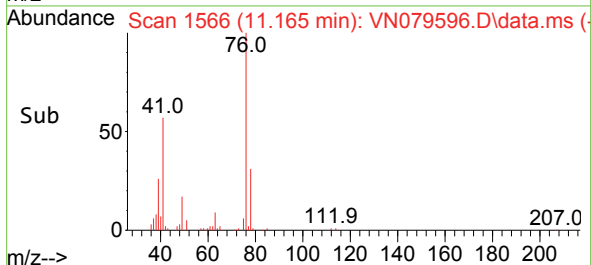
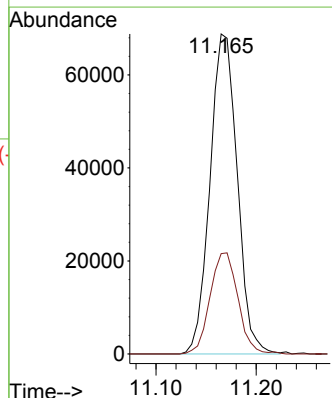
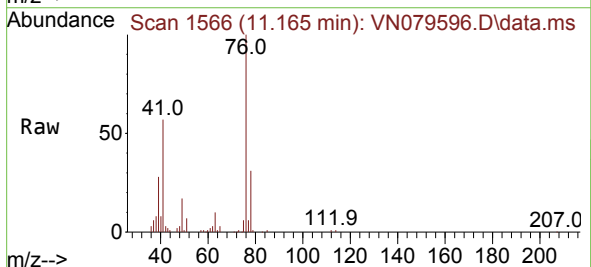
Instrument :
MSVOA_N
ClientSampleId :

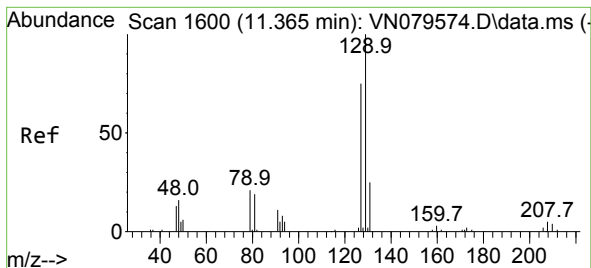
Tgt Ion: 69 Resp: 99655
Ion Ratio Lower Upper
69 100
41 70.6 33.8 101.3
39 45.4 21.3 63.9



#52
1,3-Dichloropropane
Concen: 21.102 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 76 Resp: 130048
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





#53

Dibromochloromethane

Concen: 21.877 ug/l

RT: 11.359 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

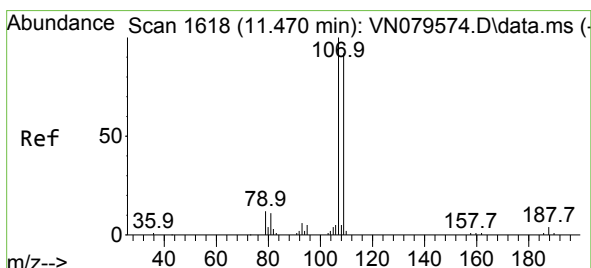
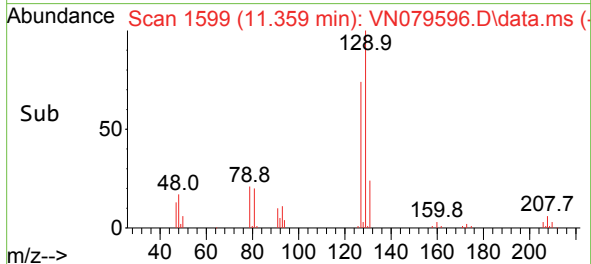
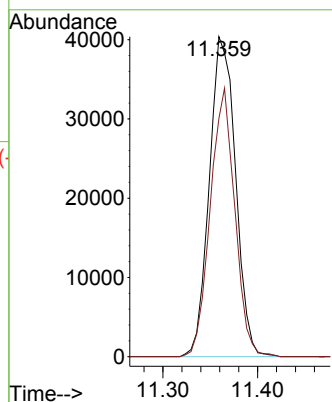
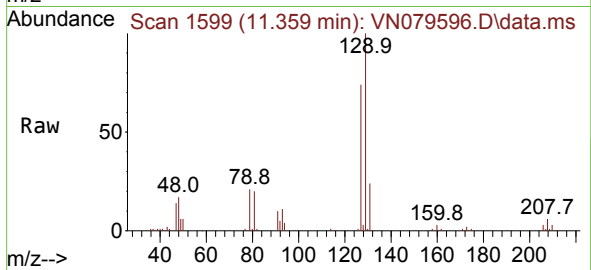
ClientSampleId :

Tgt Ion:129 Resp: 77781

Ion Ratio Lower Upper

129 100

127 78.7 38.8 116.3



#54

1,2-Dibromoethane

Concen: 21.179 ug/l

RT: 11.477 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VN079596.D

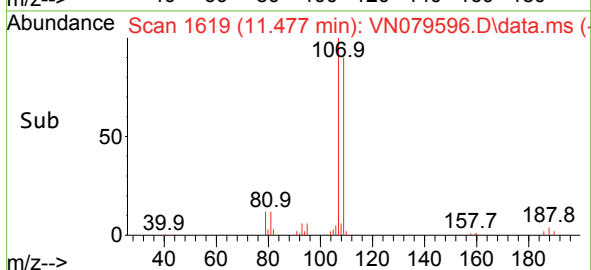
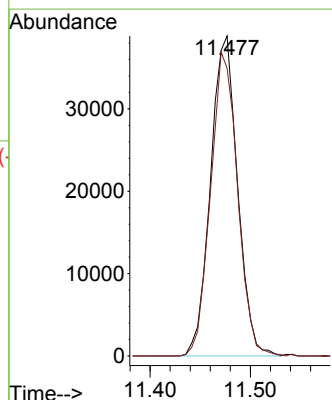
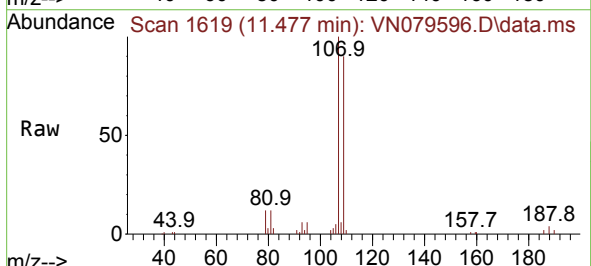
Acq: 18 Oct 2023 12:28

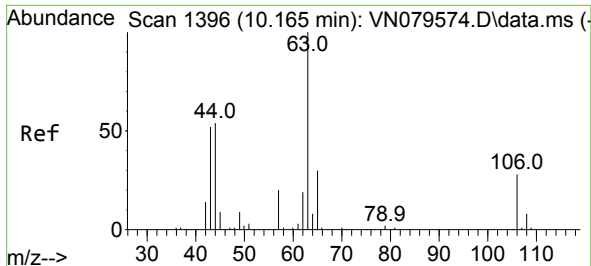
Tgt Ion:107 Resp: 72684

Ion Ratio Lower Upper

107 100

109 94.6 73.2 109.8

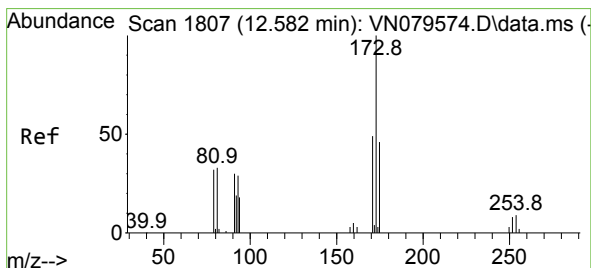
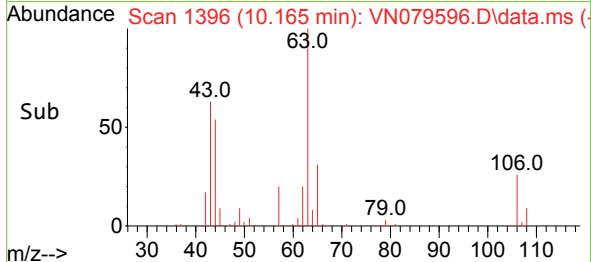
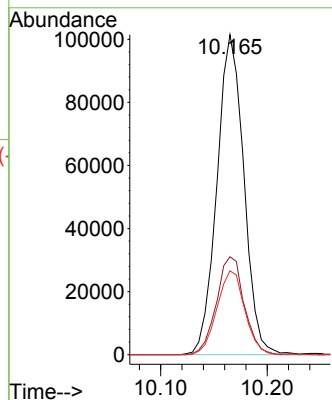
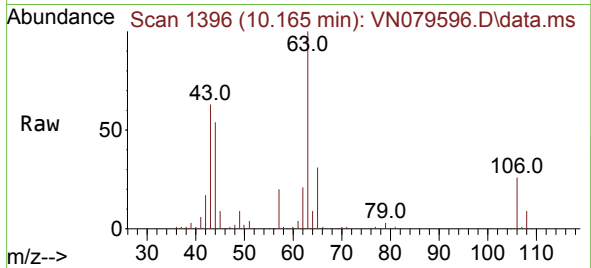




#55
2-Chloroethyl vinyl ether
Concen: 97.101 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

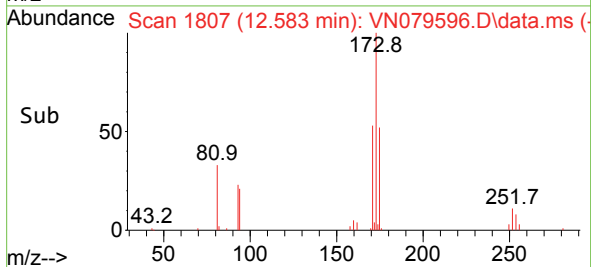
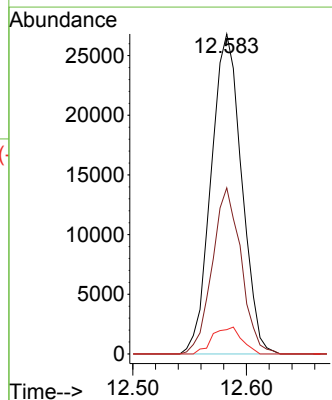
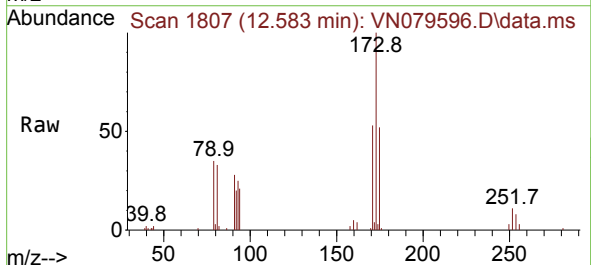
Instrument :
MSVOA_N
ClientSampleId :

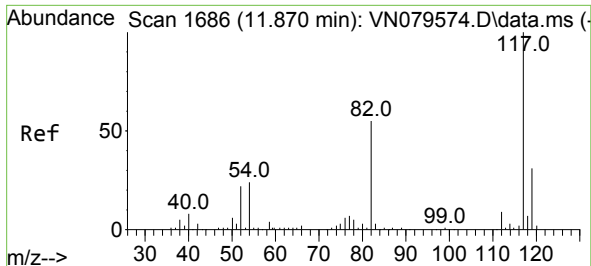
Tgt Ion: 63 Resp: 177809
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9
106 27.0 20.6 30.8



#56
Bromoform
Concen: 21.283 ug/l
RT: 12.583 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

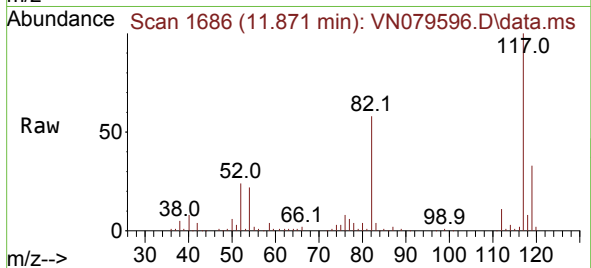
Tgt Ion:173 Resp: 50059
Ion Ratio Lower Upper
173 100
175 49.2 37.9 56.9
254 8.0 7.3 10.9



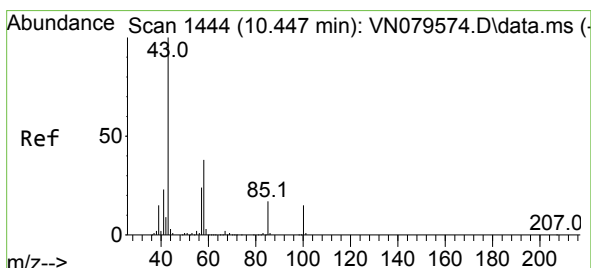
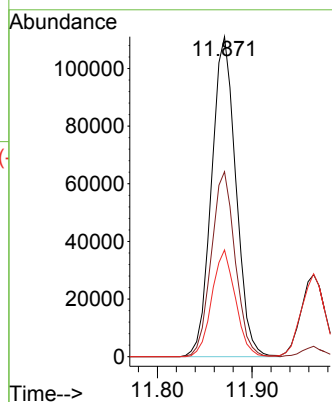
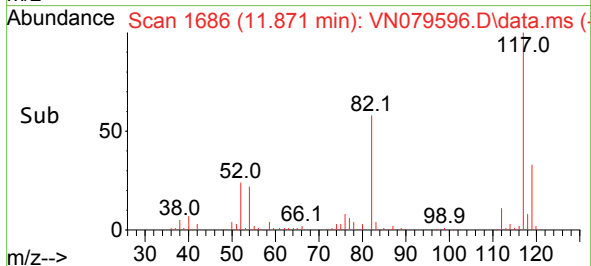


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

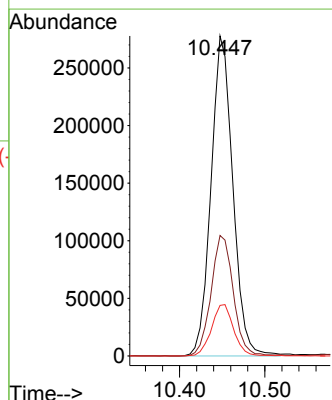
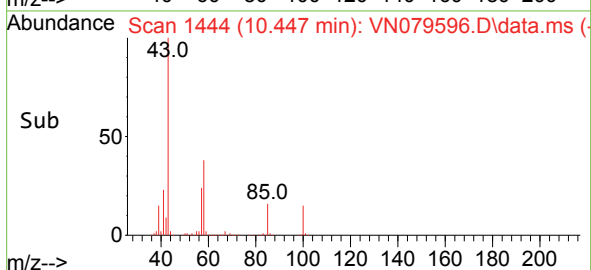
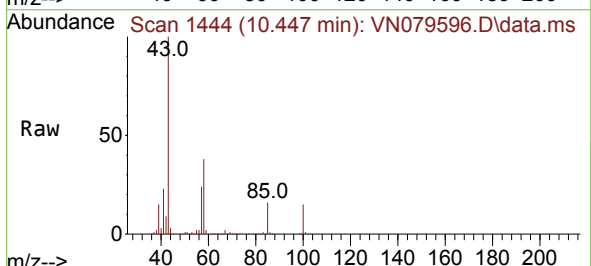


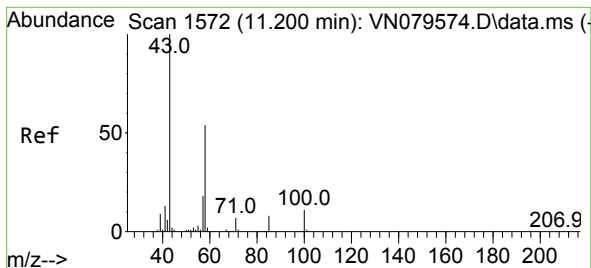
Tgt Ion:117 Resp: 198204
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.2
119 32.3 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 106.900 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 43 Resp: 494203
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6
85 16.3 13.2 19.8

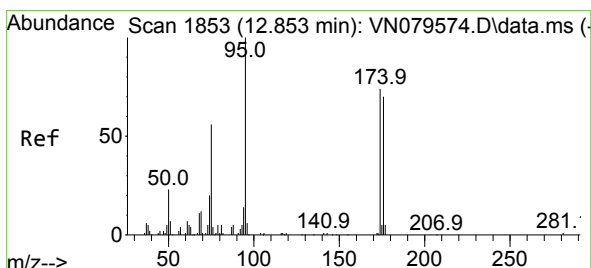
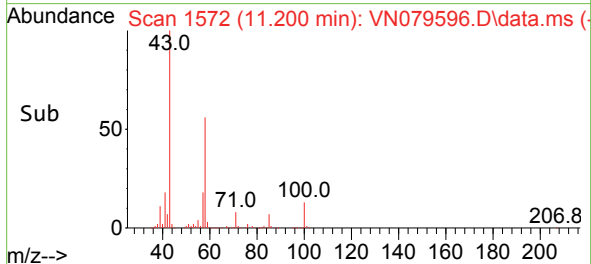
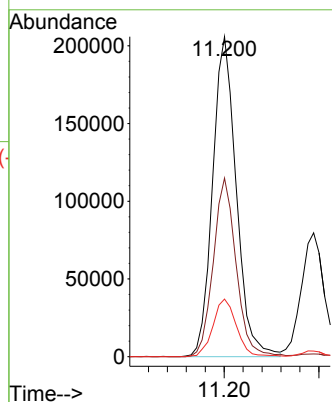
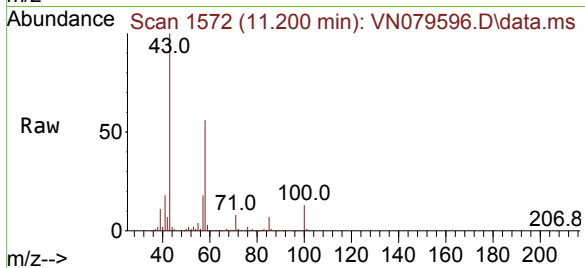




#59
2-Hexanone
Concen: 105.220 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

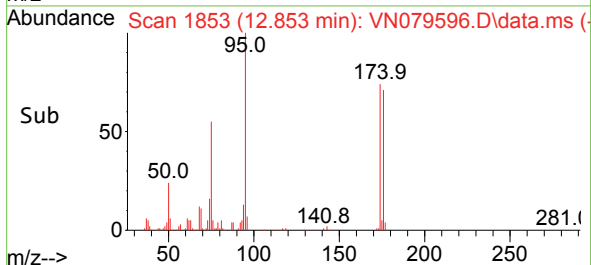
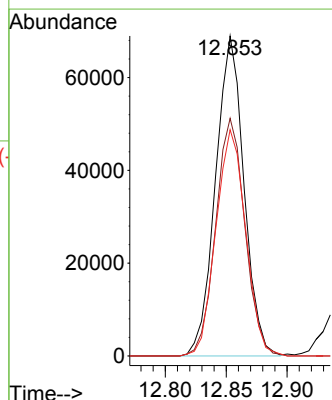
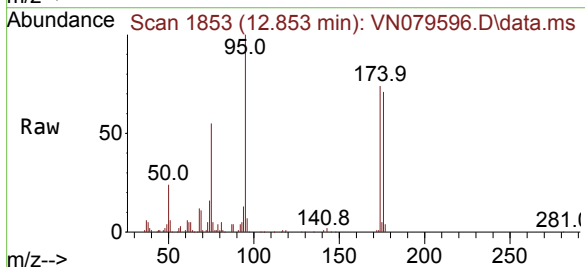
Instrument :
MSVOA_N
ClientSampleId :

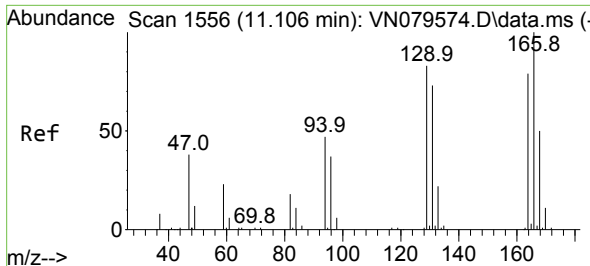
Tgt Ion: 43 Resp: 356865
Ion Ratio Lower Upper
43 100
58 53.9 42.3 63.5
57 18.1 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 30.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

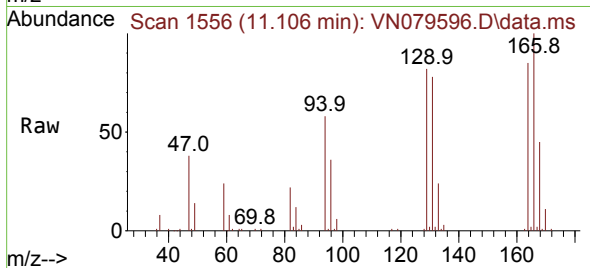
Tgt Ion: 95 Resp: 111920
Ion Ratio Lower Upper
95 100
174 76.4 60.5 90.7
176 73.9 57.2 85.8



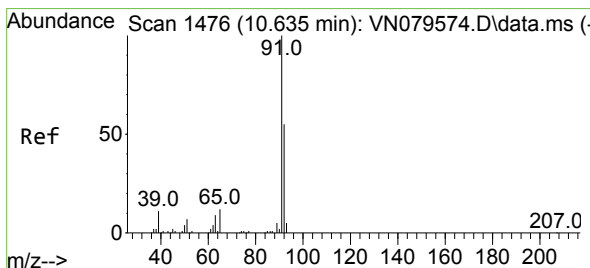
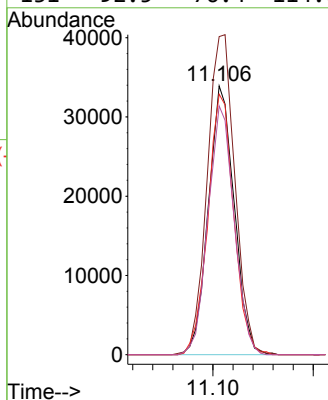
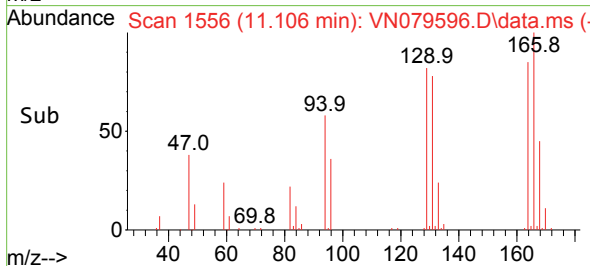


#61
Tetrachloroethene
Concen: 22.349 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

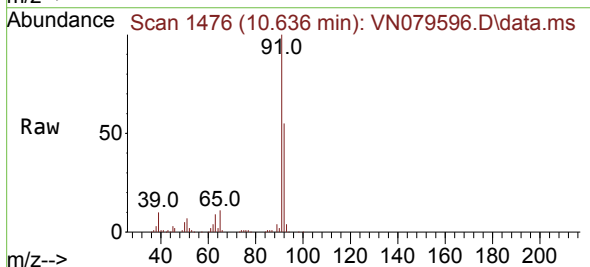
Instrument :
MSVOA_N
ClientSampleId :



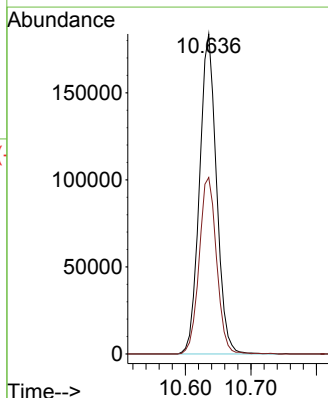
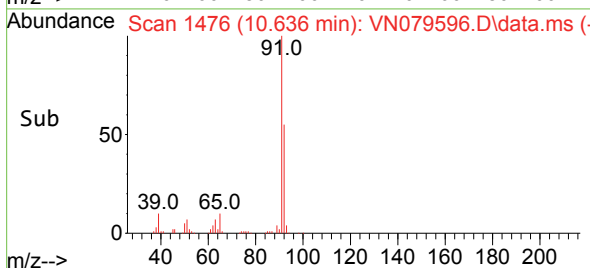
Tgt Ion:164 Resp: 60819
Ion Ratio Lower Upper
164 100
166 118.3 98.2 147.4
129 96.9 75.0 112.4
131 92.5 76.4 114.6

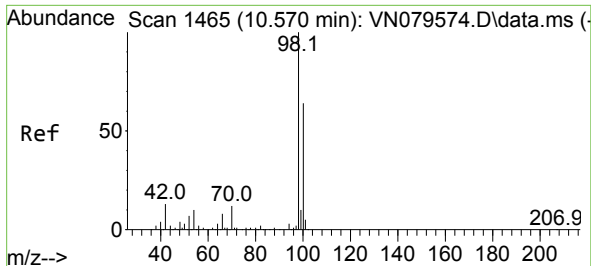


#62
Toluene
Concen: 21.888 ug/l
RT: 10.636 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28



Tgt Ion: 91 Resp: 331560
Ion Ratio Lower Upper
91 100
92 56.4 45.3 67.9

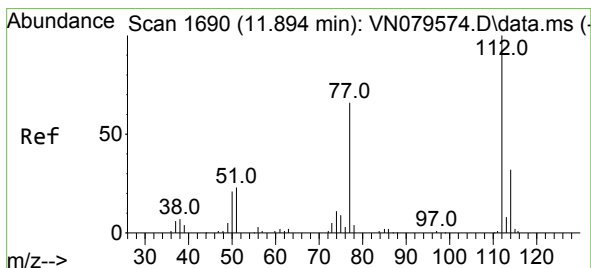
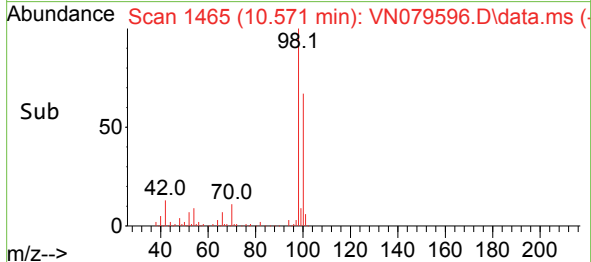
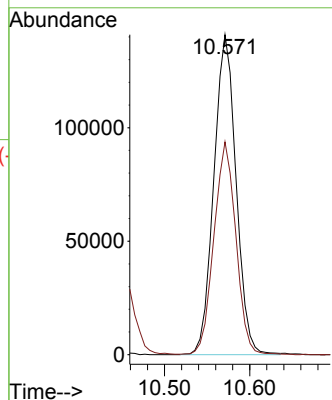
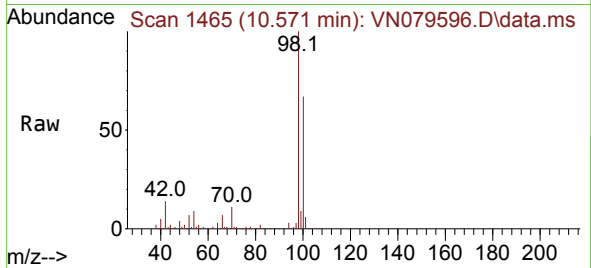




#63
Toluene-d8
Concen: 30.106 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

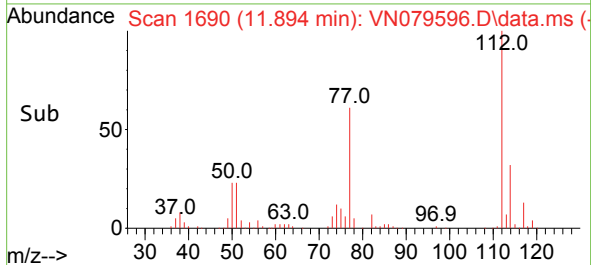
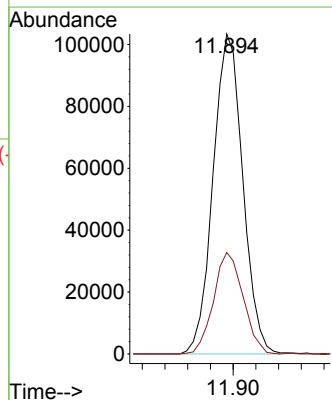
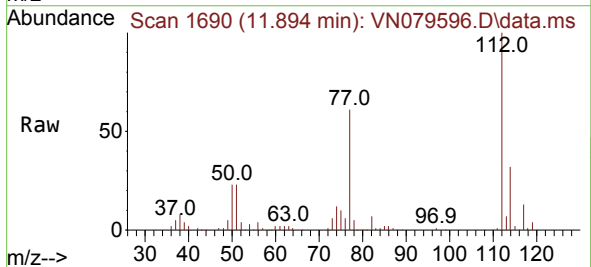
Instrument :
MSVOA_N
ClientSampleId :

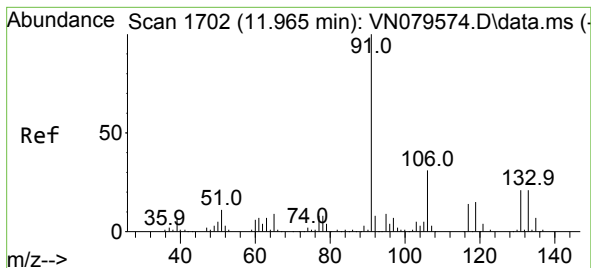
Tgt Ion: 98 Resp: 255693
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#64
Chlorobenzene
Concen: 21.358 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 112 Resp: 187644
Ion Ratio Lower Upper
112 100
114 31.7 28.1 42.1

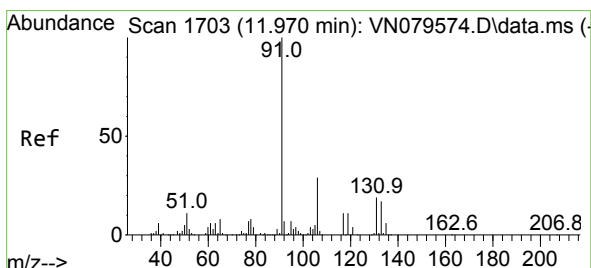
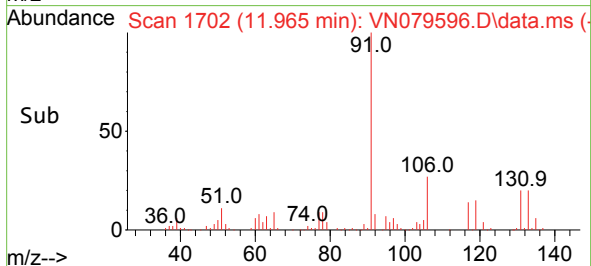
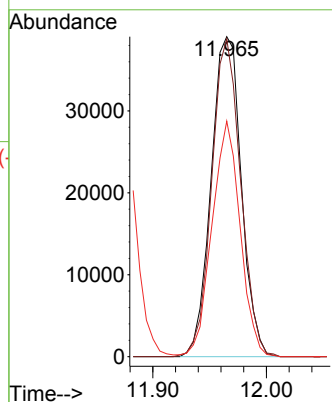
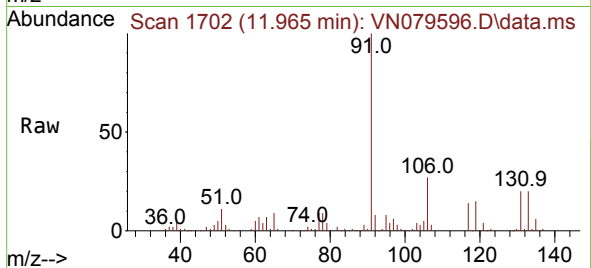




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.599 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

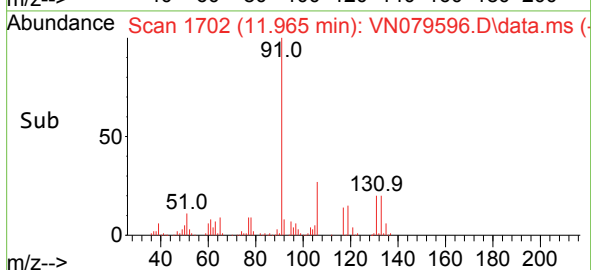
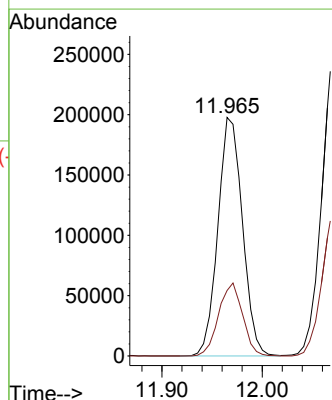
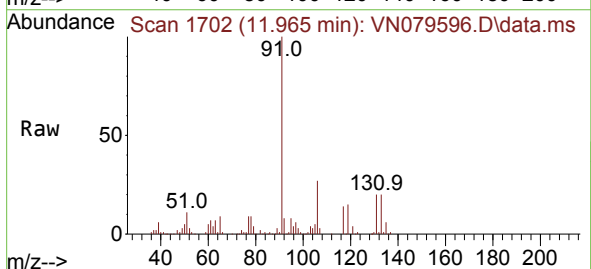
Instrument :
 MSVOA_N
 ClientSampleId :

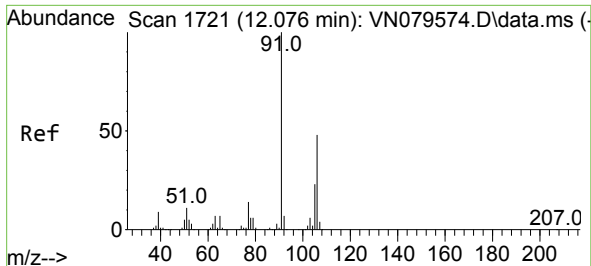
Tgt Ion:131 Resp: 72283
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 196.0
 119 68.6 0.0 135.6



#66
 Ethyl Benzene
 Concen: 21.550 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.005 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 91 Resp: 336335
 Ion Ratio Lower Upper
 91 100
 106 27.4 23.8 35.8

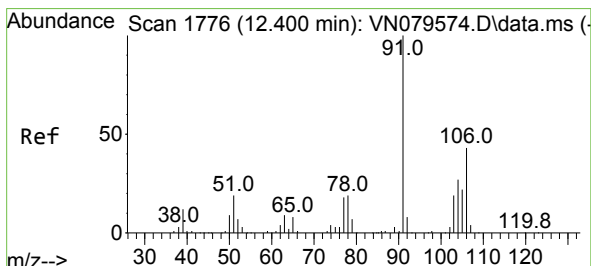
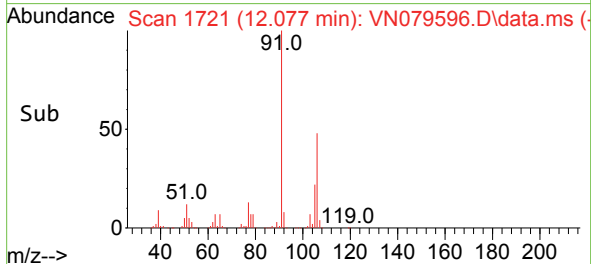
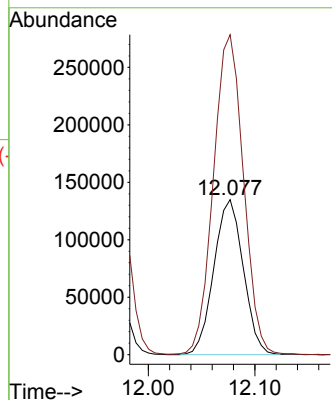
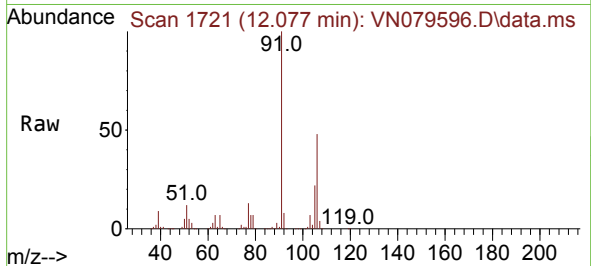




#67
m/p-Xylenes
Concen: 44.882 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

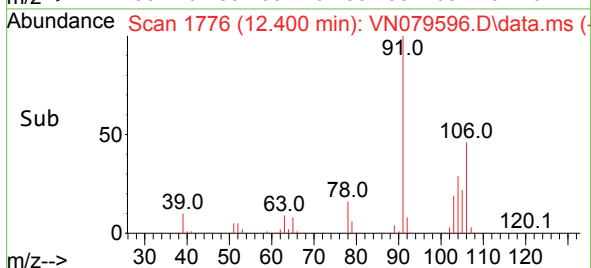
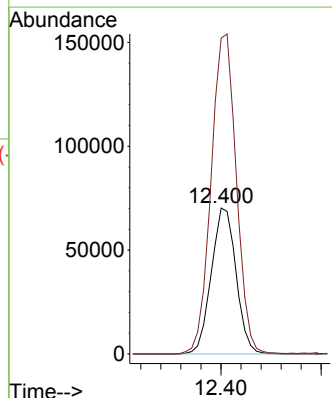
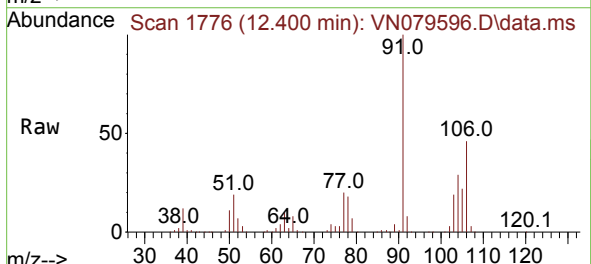
Instrument :
MSVOA_N
ClientSampleId :

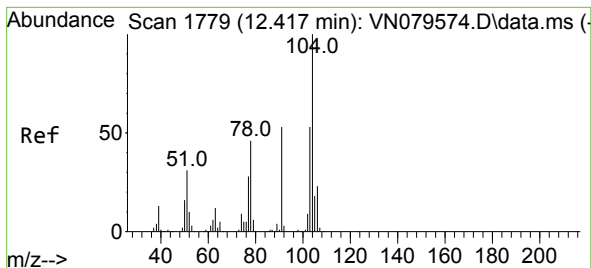
Tgt Ion:106 Resp: 259085
Ion Ratio Lower Upper
106 100
91 210.7 161.8 242.6



#68
o-Xylene
Concen: 21.840 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion:106 Resp: 120526
Ion Ratio Lower Upper
106 100
91 223.3 109.9 329.7





#69

Styrene

Concen: 23.300 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

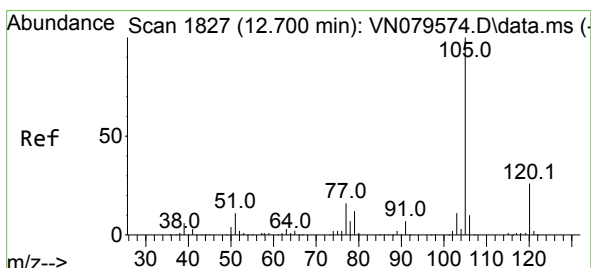
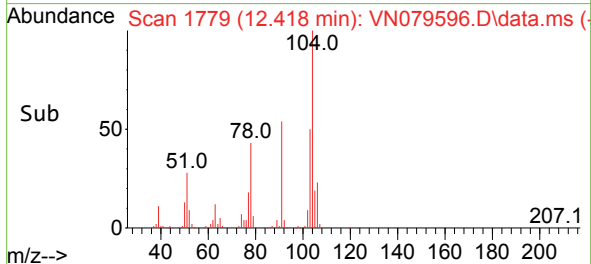
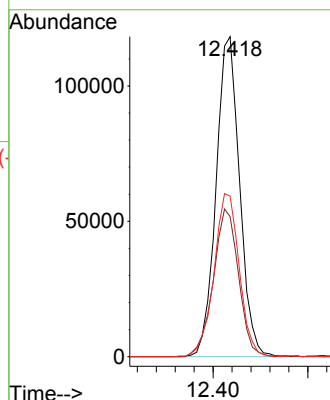
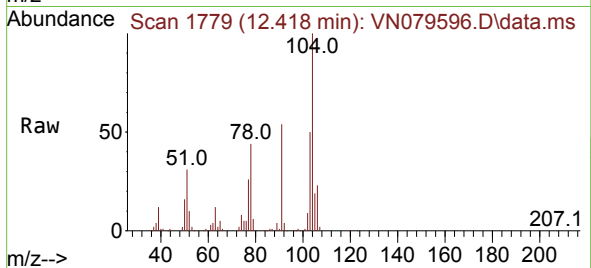
Tgt Ion:104 Resp: 204128

Ion Ratio Lower Upper

104 100

78 49.3 41.2 61.8

103 54.6 43.1 64.7



#70

Isopropylbenzene

Concen: 21.821 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079596.D

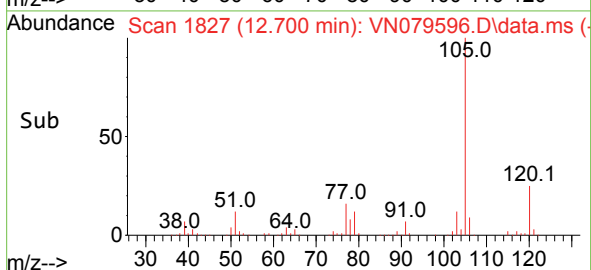
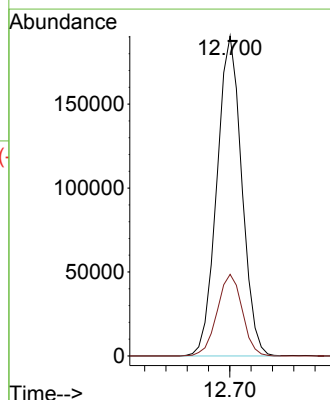
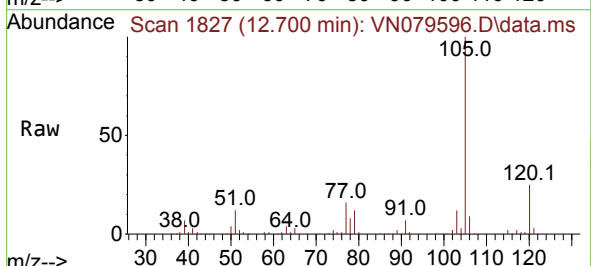
Acq: 18 Oct 2023 12:28

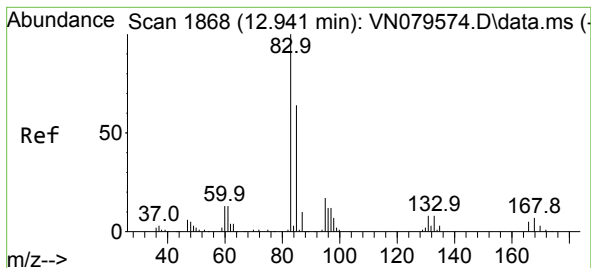
Tgt Ion:105 Resp: 309041

Ion Ratio Lower Upper

105 100

120 25.6 18.1 33.5

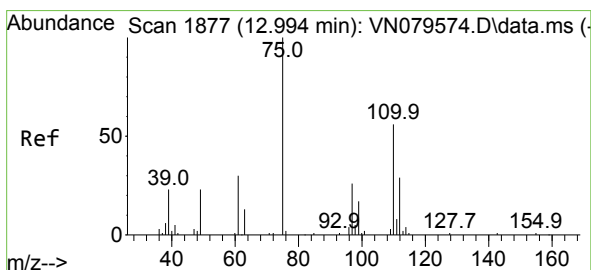
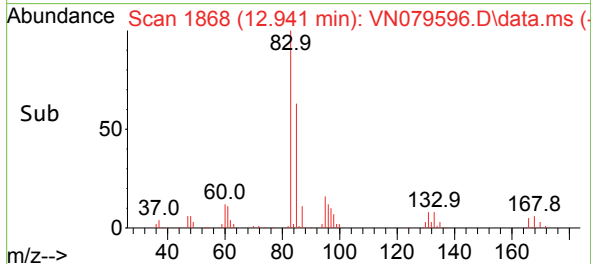
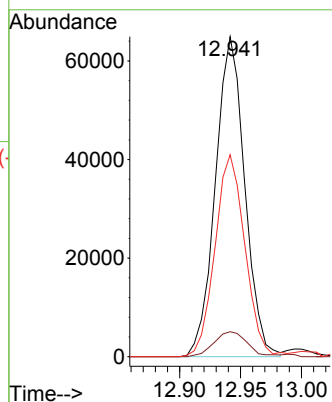
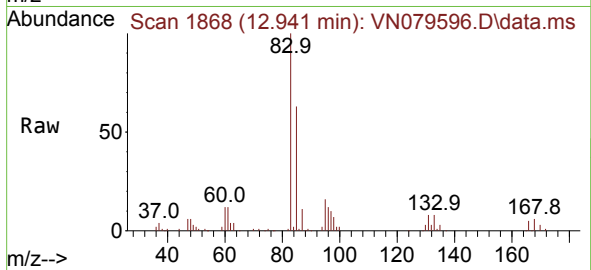




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.638 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

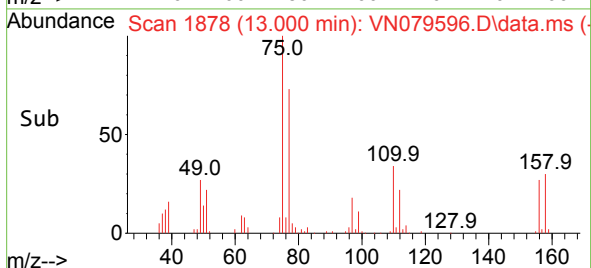
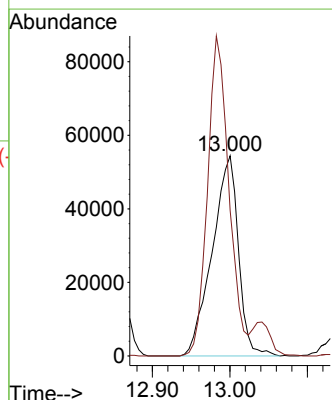
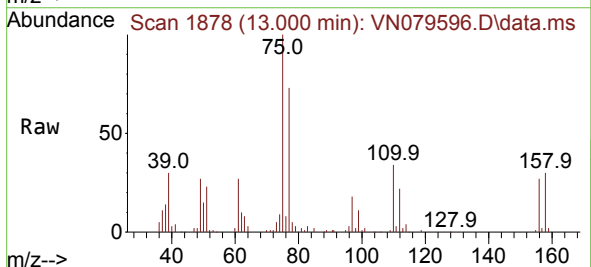
Instrument :
 MSVOA_N
 ClientSampleId :

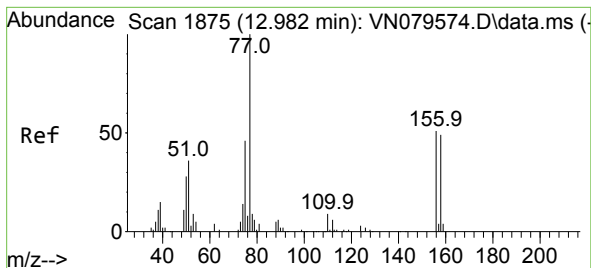
Tgt Ion: 83 Resp: 108963
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.5 13.4
 85 63.8 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 28.005 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion: 75 Resp: 128070
 Ion Ratio Lower Upper
 75 100
 77 130.6 0.0 338.2





#73

Bromobenzene

Concen: 22.132 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

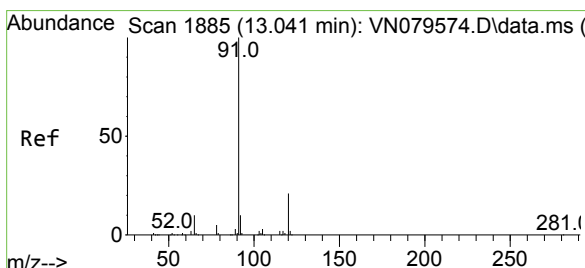
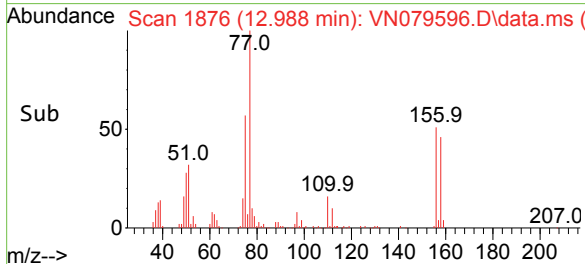
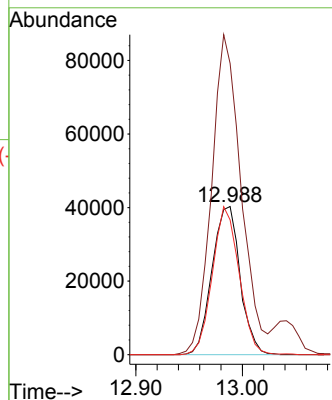
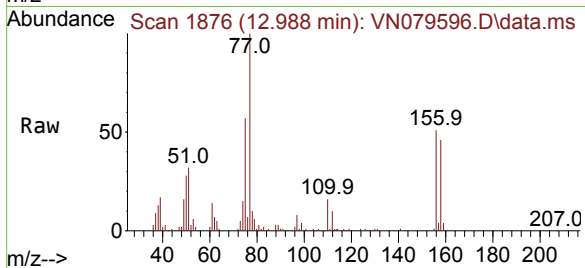
Tgt Ion:156 Resp: 73631

Ion Ratio Lower Upper

156 100

77 227.2 0.0 448.2

158 95.1 0.0 194.8



#74

n-propylbenzene

Concen: 22.689 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079596.D

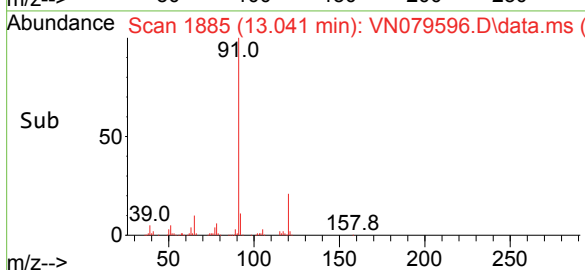
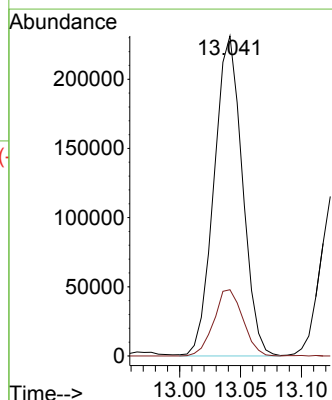
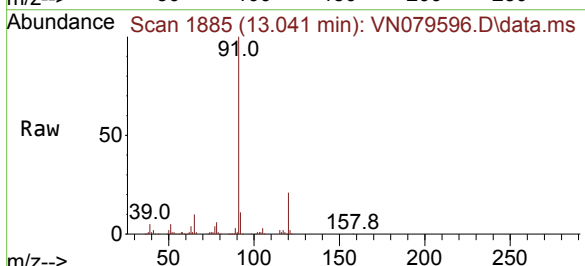
Acq: 18 Oct 2023 12:28

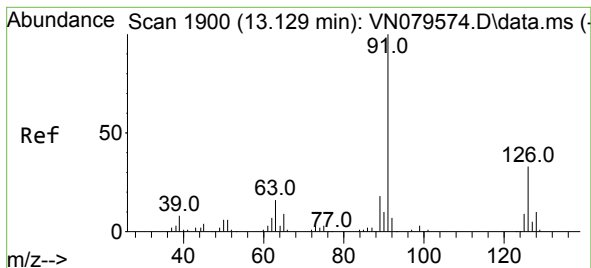
Tgt Ion: 91 Resp: 374104

Ion Ratio Lower Upper

91 100

120 21.2 0.0 42.0





#75

2-Chlorotoluene

Concen: 22.034 ug/l

RT: 13.130 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

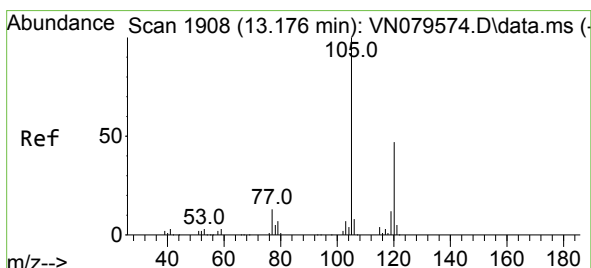
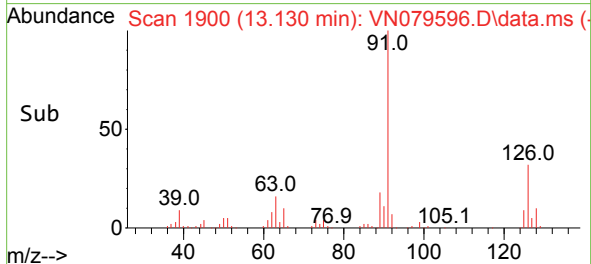
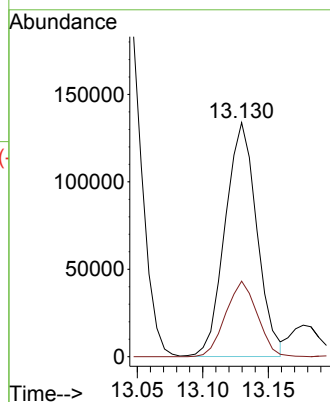
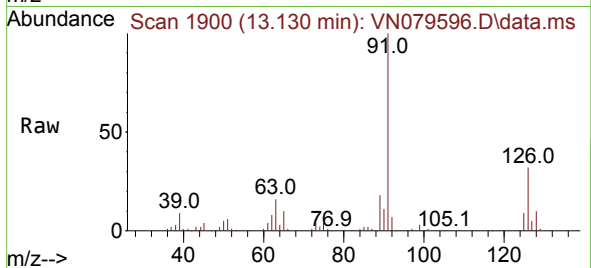
ClientSampleId :

Tgt Ion: 91 Resp: 225859

Ion Ratio Lower Upper

91 100

126 32.1 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 22.614 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079596.D

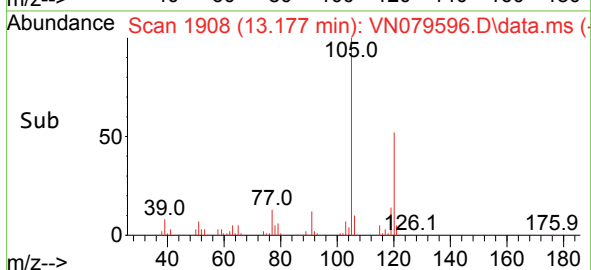
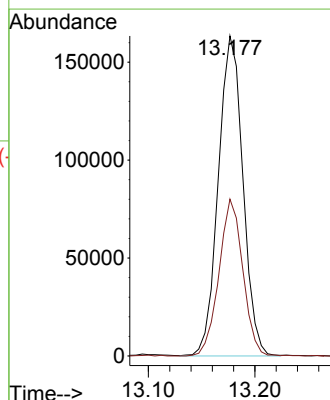
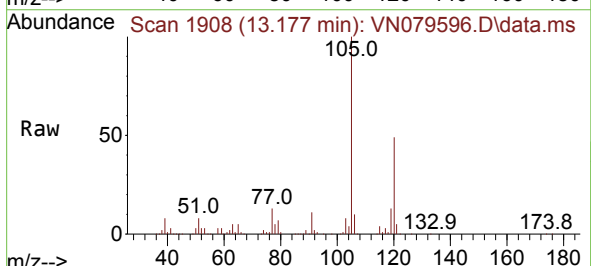
Acq: 18 Oct 2023 12:28

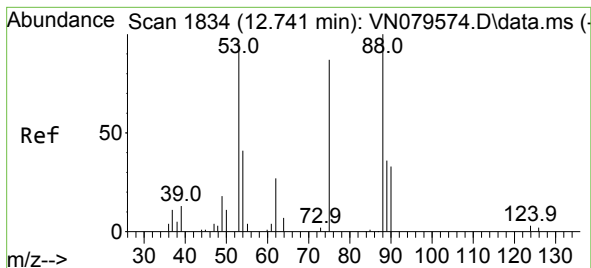
Tgt Ion:105 Resp: 261811

Ion Ratio Lower Upper

105 100

120 47.4 0.0 93.2

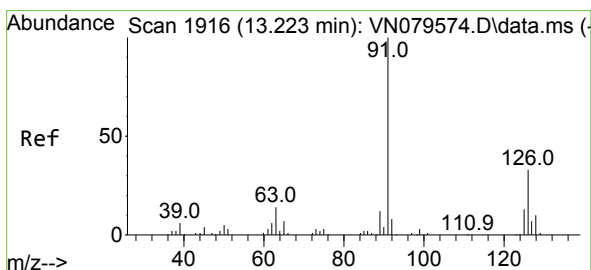
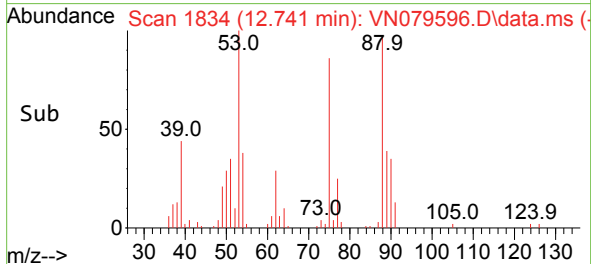
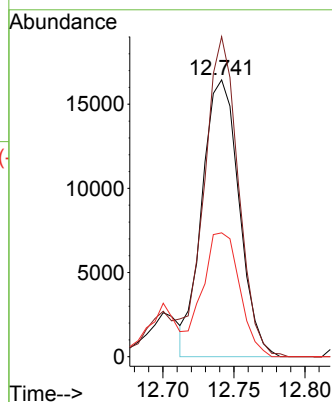
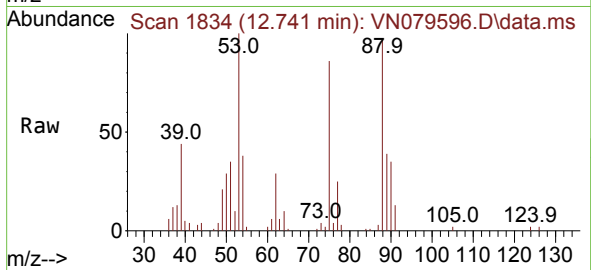




#77
t-1,4-Dichloro-2-butene
Concen: 21.351 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

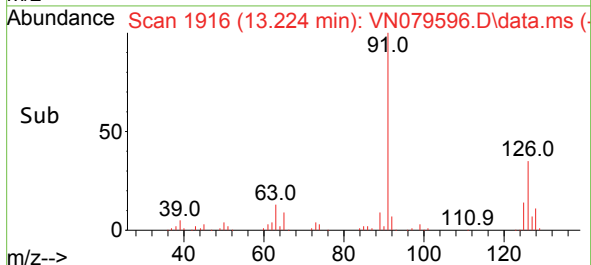
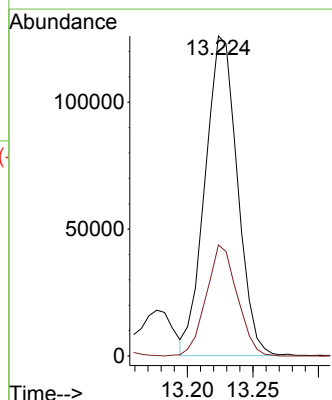
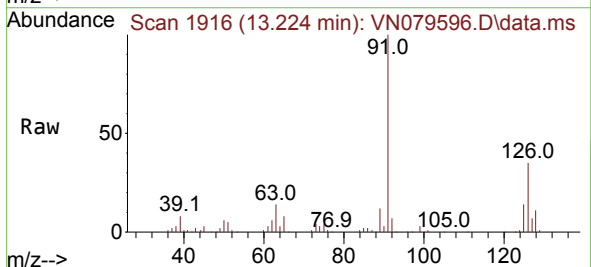
Instrument :
MSVOA_N
ClientSampleId :

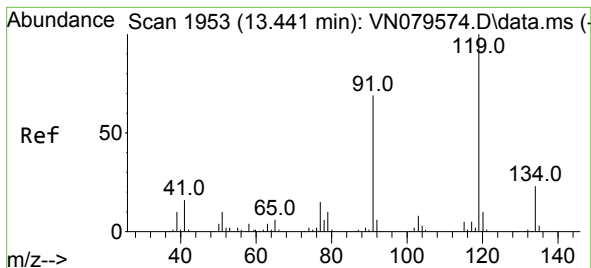
Tgt Ion: 75 Resp: 29800
Ion Ratio Lower Upper
75 100
53 114.6 53.0 159.1
89 43.6 22.6 67.7



#78
4-Chlorotoluene
Concen: 22.299 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

Tgt Ion: 91 Resp: 215959
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.4

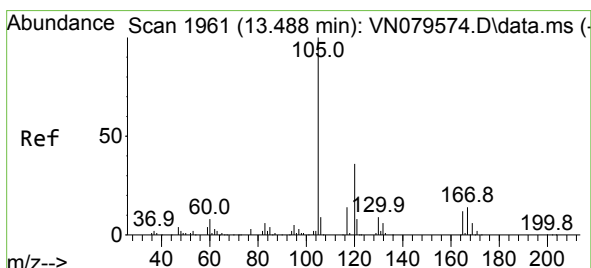
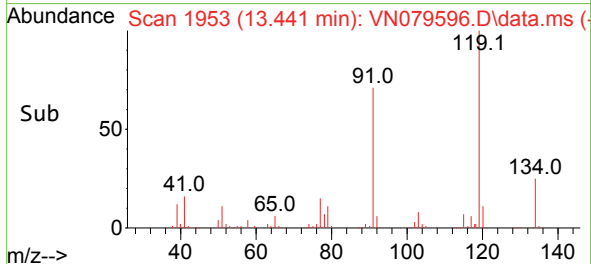
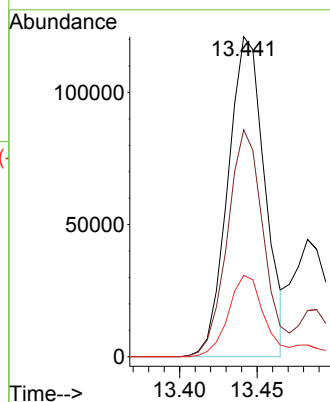
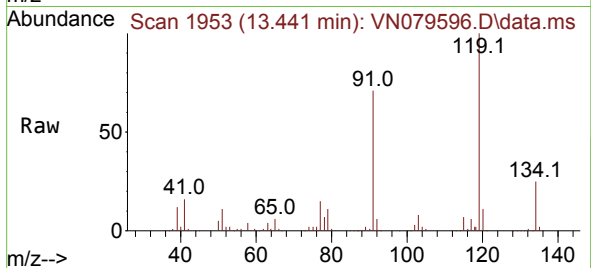




#79
tert-butylbenzene
Concen: 21.542 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

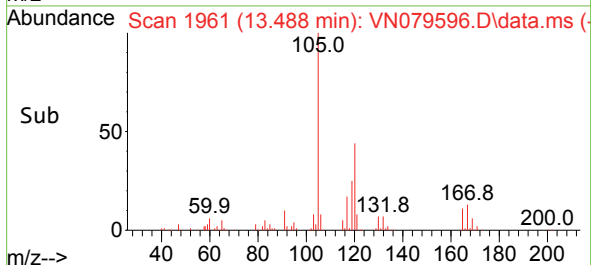
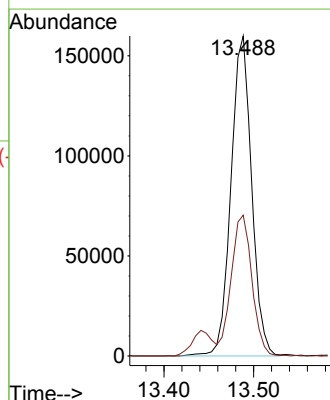
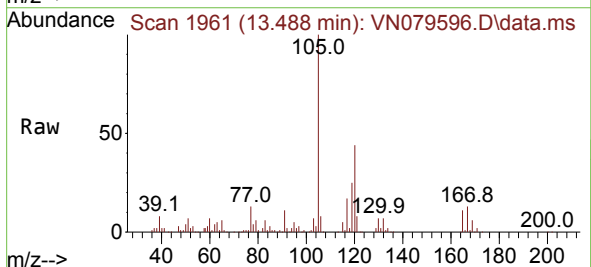
Instrument :
MSVOA_N
ClientSampleId :

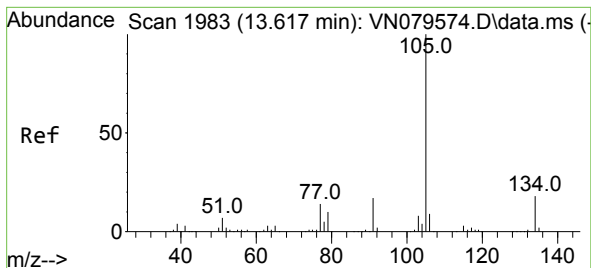
Tgt Ion:119 Resp: 200518
Ion Ratio Lower Upper
119 100
91 69.9 0.0 140.6
134 24.6 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 22.778 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

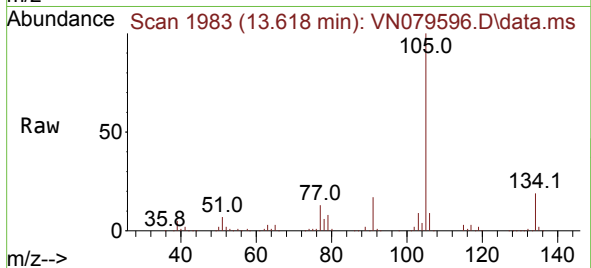
Tgt Ion:105 Resp: 255523
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.6



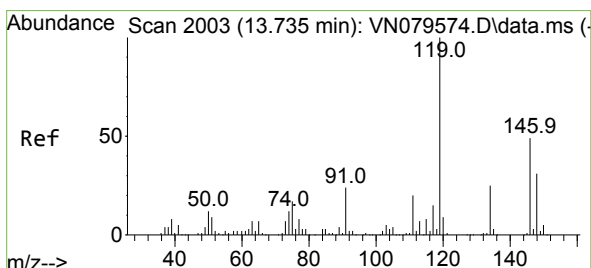
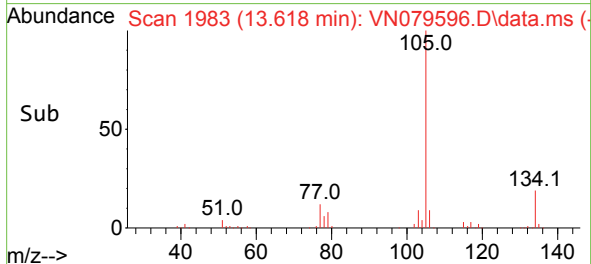
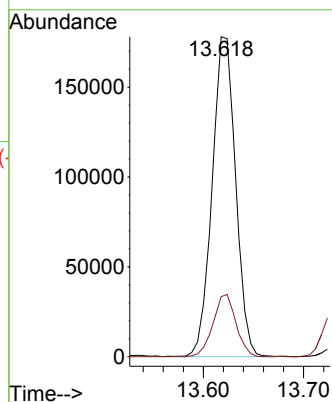


#81
 sec-Butylbenzene
 Concen: 22.173 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :

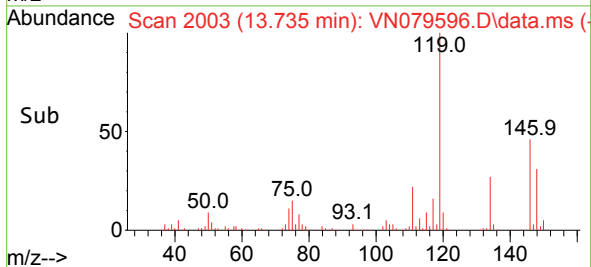
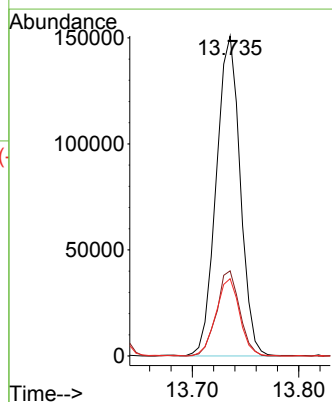
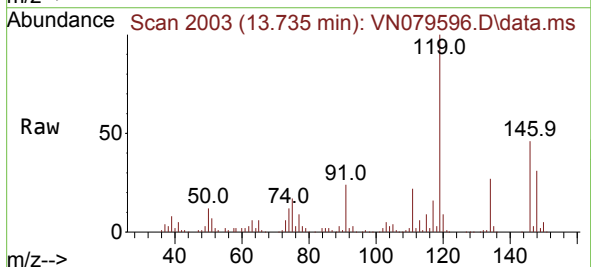


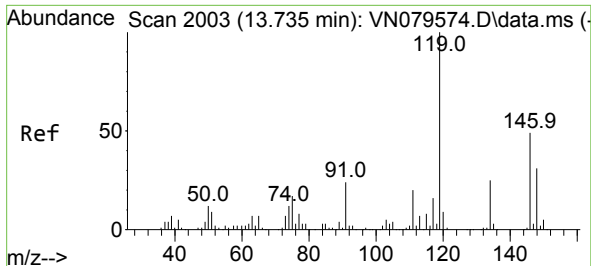
Tgt Ion:105 Resp: 289753
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 22.724 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion:119 Resp: 235549
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 23.9 0.0 50.0

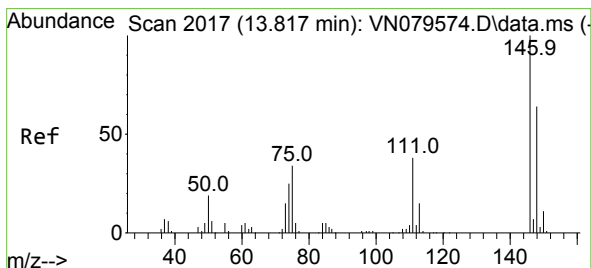
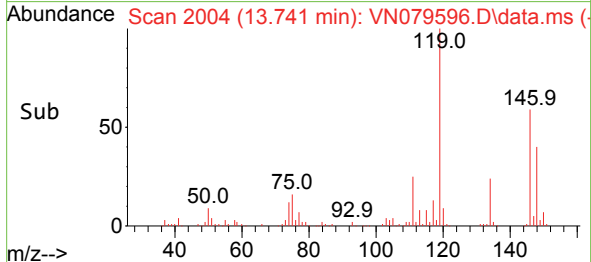
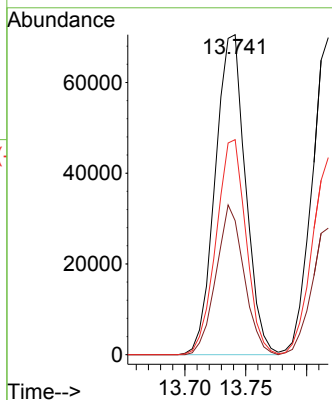
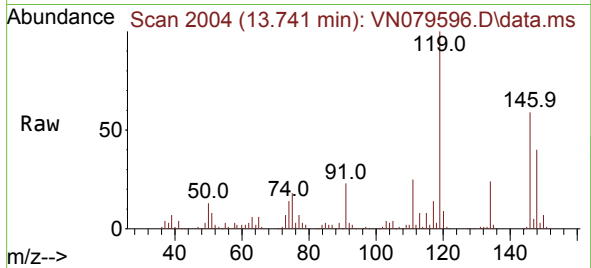




#83
 1,3-Dichlorobenzene
 Concen: 22.336 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

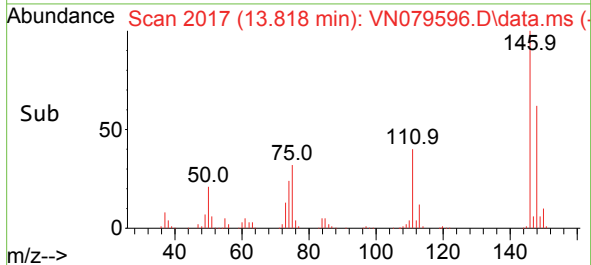
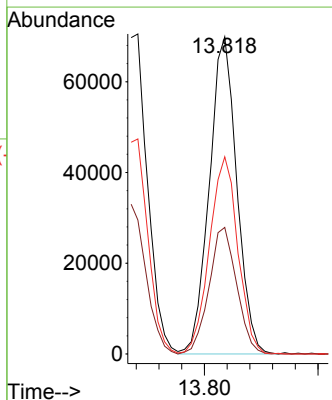
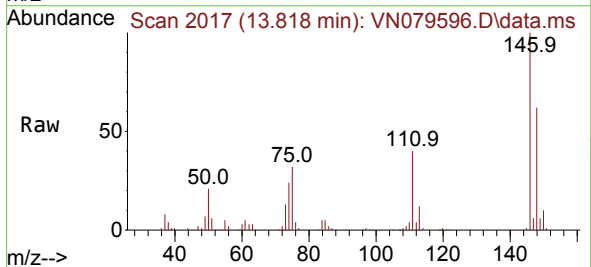
Instrument :
 MSVOA_N
 ClientSampleId :

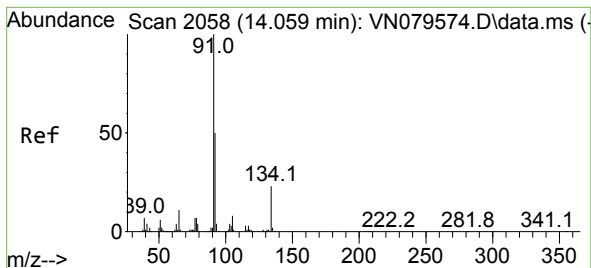
Tgt Ion:146 Resp: 122191
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.0 63.0
 148 66.2 32.4 97.0



#84
 1,4-Dichlorobenzene
 Concen: 22.384 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079596.D
 Acq: 18 Oct 2023 12:28

Tgt Ion:146 Resp: 117393
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.1 32.6 97.7





#85

n-Butylbenzene

Concen: 21.699 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

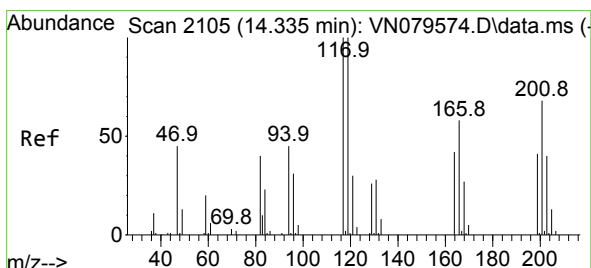
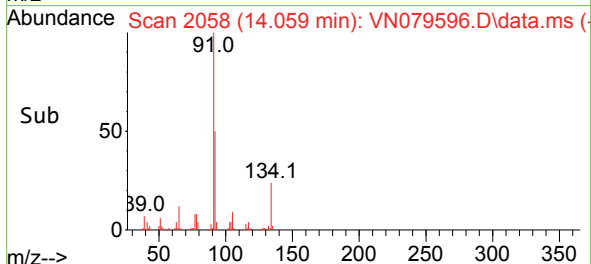
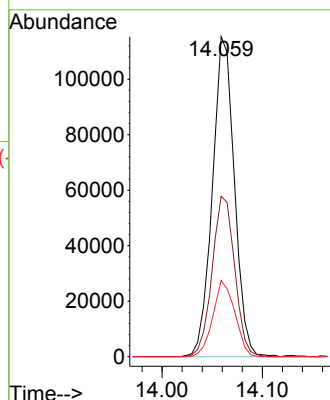
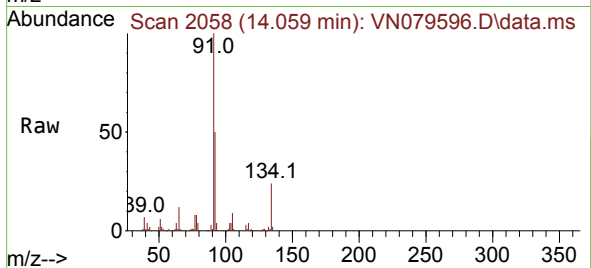
Tgt Ion: 91 Resp: 175741

Ion Ratio Lower Upper

91 100

92 51.3 0.0 99.6

134 23.7 0.0 46.2



#86

Hexachloroethane

Concen: 21.419 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079596.D

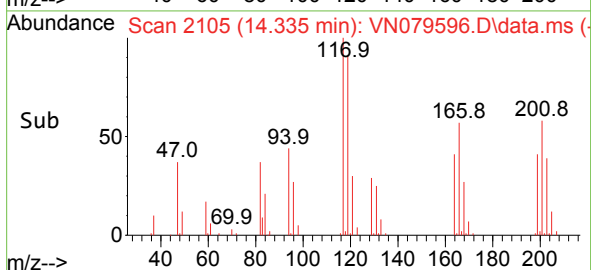
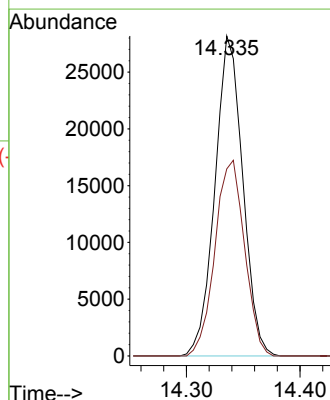
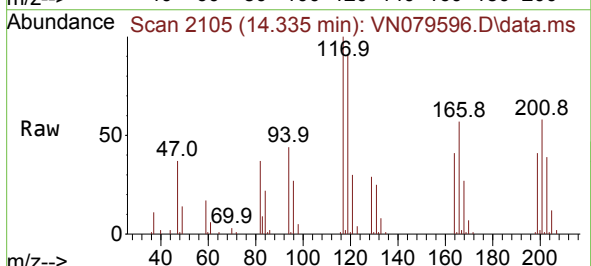
Acq: 18 Oct 2023 12:28

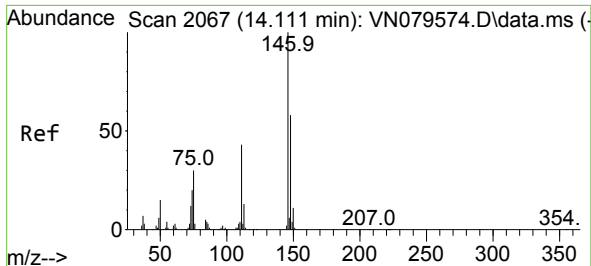
Tgt Ion: 117 Resp: 47999

Ion Ratio Lower Upper

117 100

201 65.0 32.5 97.5

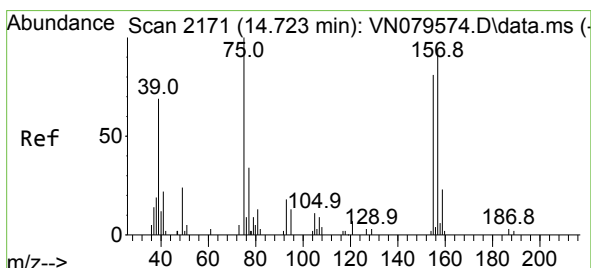
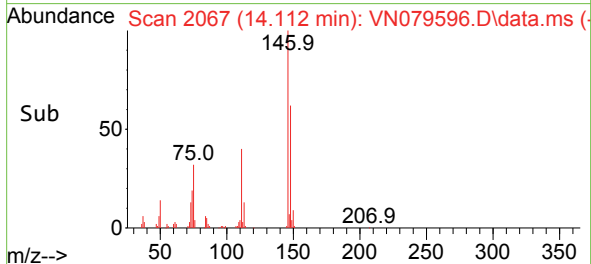
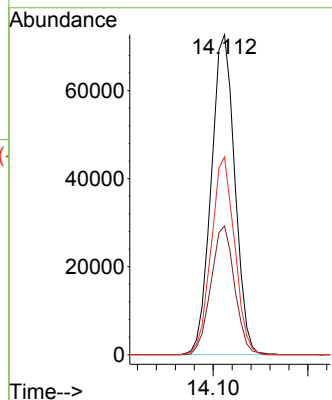
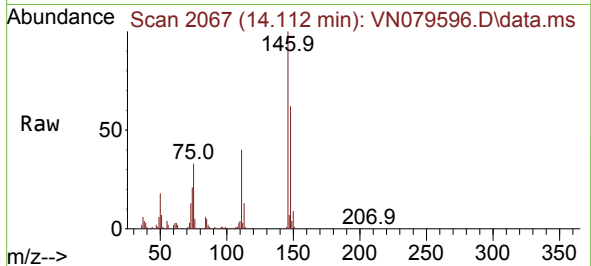




#87
1,2-Dichlorobenzene
Concen: 23.178 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

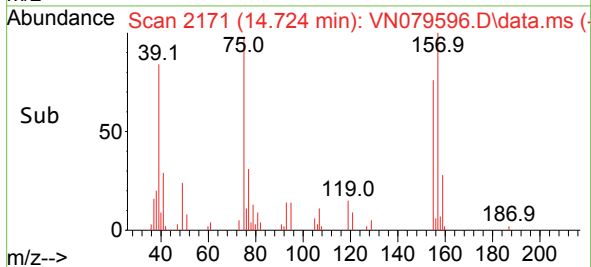
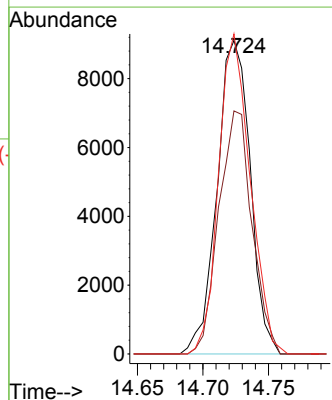
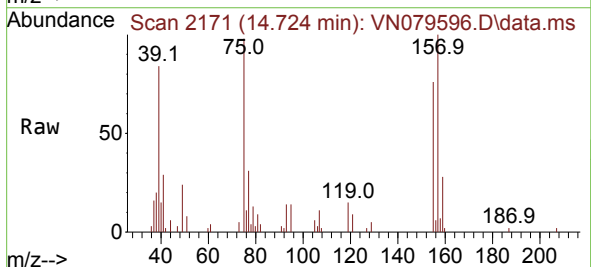
Instrument :
MSVOA_N
ClientSampleId :

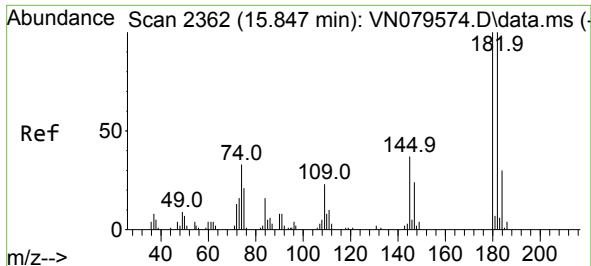
Tgt Ion:146 Resp: 126034
Ion Ratio Lower Upper
146 100
111 40.3 22.0 66.0
148 61.4 31.1 93.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.844 ug/l
RT: 14.724 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

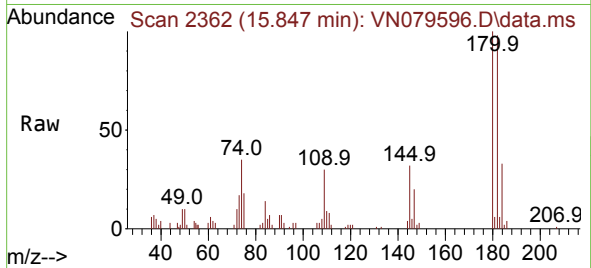
Tgt Ion: 75 Resp: 15994
Ion Ratio Lower Upper
75 100
155 77.8 60.7 91.1
157 97.4 76.8 115.2



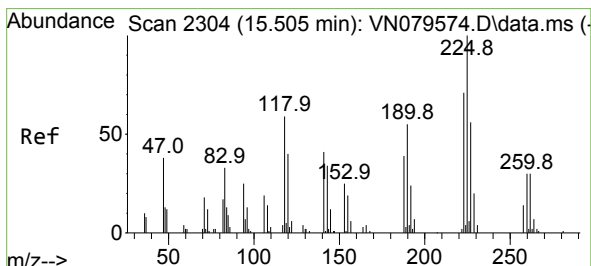
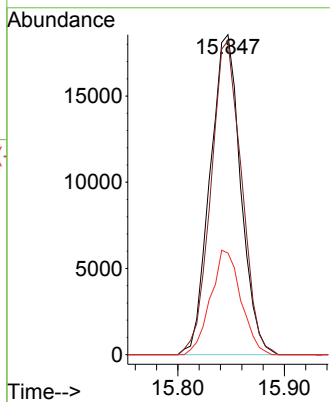
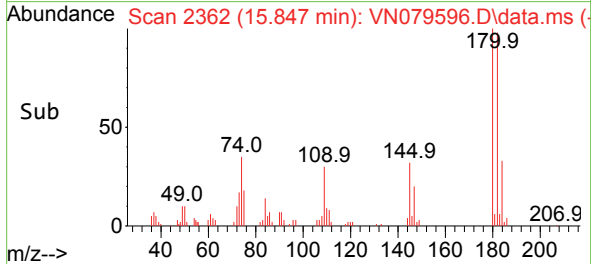


#89
1,2,4-Trichlorobenzene
Concen: 19.321 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28

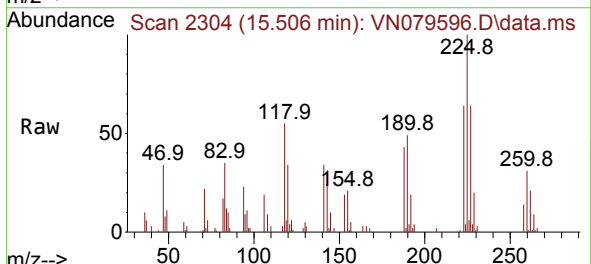
Instrument :
MSVOA_N
ClientSampleId :



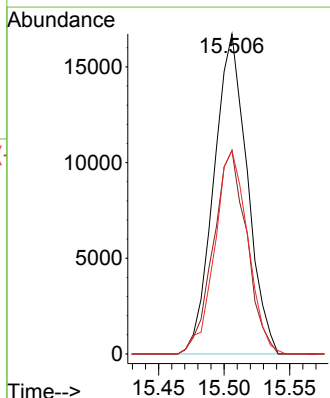
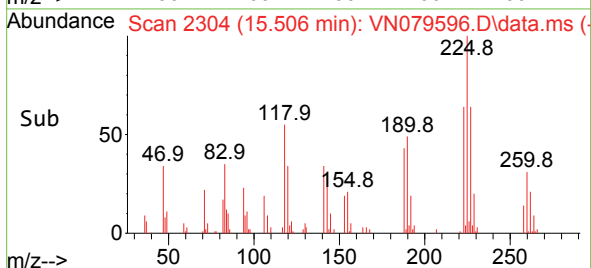
Tgt Ion:180 Resp: 37031
Ion Ratio Lower Upper
180 100
182 98.1 74.2 111.4
145 32.3 25.4 38.2

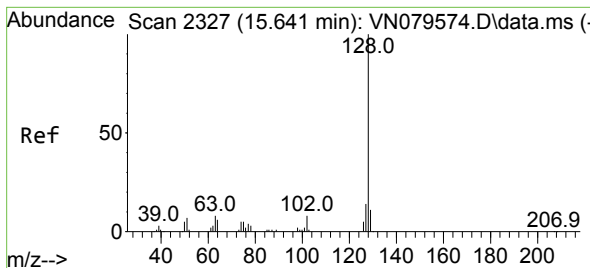


#90
Hexachlorobutadiene
Concen: 21.799 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079596.D
Acq: 18 Oct 2023 12:28



Tgt Ion:225 Resp: 29594
Ion Ratio Lower Upper
225 100
223 63.7 0.0 126.0
227 63.0 0.0 127.0





#91

Naphthalene

Concen: 16.100 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079596.D

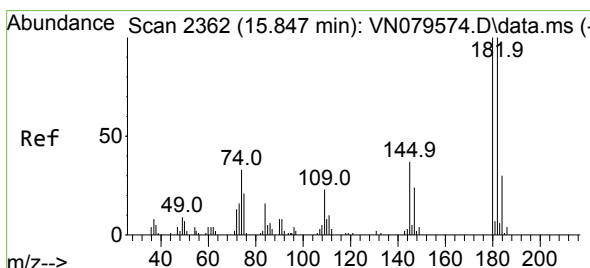
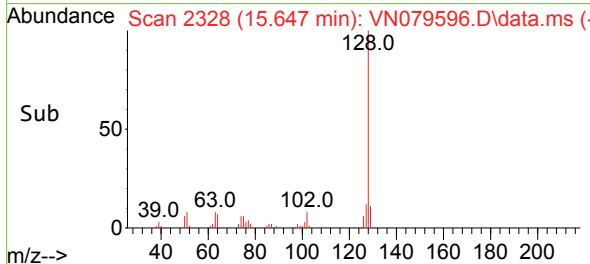
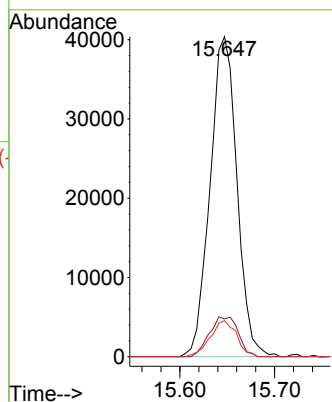
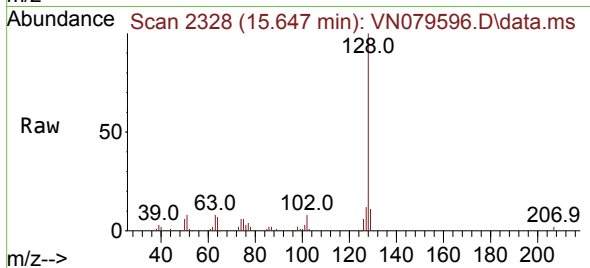
Acq: 18 Oct 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	79600
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.9 16.3
129	11.1	8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 19.321 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079596.D

Acq: 18 Oct 2023 12:28

Tgt Ion:180	Resp:	37031
Ion Ratio	Lower	Upper
180	100	
182	98.1	0.0 185.6
145	32.3	0.0 63.6

