

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079583.D
 Acq On : 17 Oct 2023 15:57
 Operator : JC\MD
 Sample : 04909-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:31:17 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	7.818	128	23108	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163253	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	191389	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	95672	29.120	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.067%
60) 4-Bromofluorobenzene	12.853	95	85766	24.505	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.667%
63) Toluene-d8	10.571	98	248298	30.276	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3339	0.996	ug/l	92
3) Chloromethane	2.153	50	3346	0.770	ug/l	89
4) Vinyl Chloride	2.518	62	1524	0.325	ug/l	89
5) Bromomethane	2.965	94	776	0.267	ug/l	87
6) Chloroethane	3.124	64	5852	1.774	ug/l	94
8) Diethyl Ether	3.959	74	2471	1.192	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	3.947	101	25168	7.691	ug/l #	21
15) Acetone	4.430	58	173941	305.472	ug/l	84
16) Carbon Disulfide	4.712	76	29154	3.071	ug/l	99
18) Methylene Chloride	5.277	84	11781	3.074	ug/l	94
21) 1,1-Dichloroethane	6.583	63	2119	0.306	ug/l #	85
22) cis-1,2-Dichloroethene	7.483	96	8972	2.236	ug/l #	1
23) tert-Butyl Alcohol	5.524	59	201337	334.963	ug/l #	100
30) 2-Butanone	7.488	43	241663	101.054	ug/l	100
34) Benzene	8.612	78	24904	1.718	ug/l #	78
35) Methacrylonitrile	7.788	41	1465	0.582	ug/l #	47
36) 1,2-Dichloroethane	8.677	62	49535	9.571	ug/l	99
37) Trichloroethene	9.359	130	7548	2.228	ug/l	94
39) 1,2-Dichloropropane	9.624	63	2228	0.582	ug/l	92
43) Ethyl Acetate	7.488	43	241663	53.741	ug/l #	65
44) Isopropyl Acetate	8.724	43	4213	0.527	ug/l #	50
45) 1,4-Dioxane	9.700	88	783	12.513	ug/l #	53
53) Dibromochloromethane	11.106	129	973	0.273	ug/l #	11
55) 2-Chloroethyl vinyl ether	10.171	63	367	0.200	ug/l #	45
56) Bromoform	12.853	173	839	0.356	ug/l #	1
58) 4-Methyl-2-Pentanone	10.453	43	74870	16.772	ug/l	98
59) 2-Hexanone	11.176	43	42065	12.844	ug/l #	34
61) Tetrachloroethene	11.112	164	835	0.318	ug/l #	65
62) Toluene	10.635	91	66603	4.553	ug/l	99
66) Ethyl Benzene	11.970	91	13345	0.885	ug/l	100
67) m/p-Xylenes	12.076	106	10364	1.859	ug/l	90
68) o-Xylene	12.400	106	9396	1.763	ug/l	99
69) Styrene	12.418	104	2856	0.338	ug/l #	51
76) 1,3,5-Trimethylbenzene	13.182	105	2518	0.225	ug/l	79
77) t-1,4-Dichloro-2-butene	12.853	75	46417	34.441	ug/l #	7
79) tert-butylbenzene	13.735	119	1814	0.202	ug/l	47
80) 1,2,4-Trimethylbenzene	13.482	105	4449	0.411	ug/l	99
81) sec-Butylbenzene	13.823	105	2861	0.227	ug/l	99
83) 1,3-Dichlorobenzene	13.817	146	1368	0.259	ug/l	95

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 2023
Response via : Initial Calibration

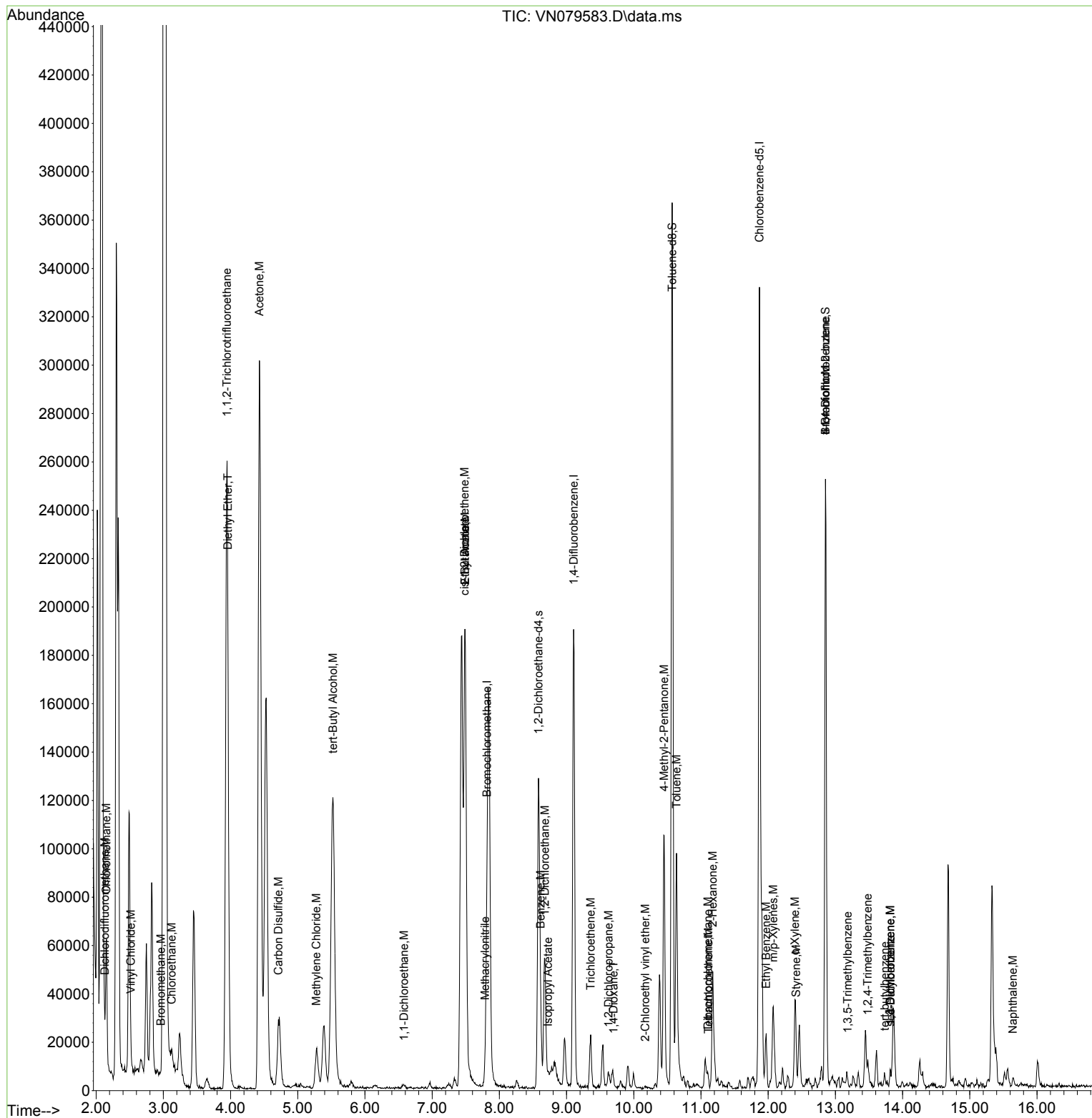
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,4-Dichlorobenzene	13.817	146	1368	0.270	ug/l	94
91) Naphthalene	15.641	128	3274	0.686	ug/l #	79

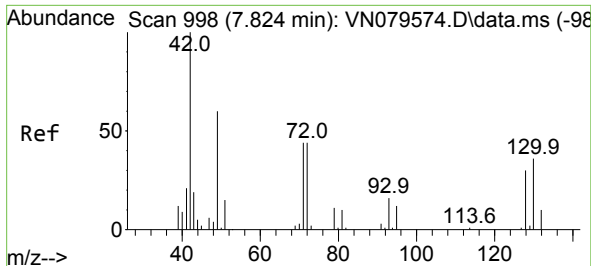
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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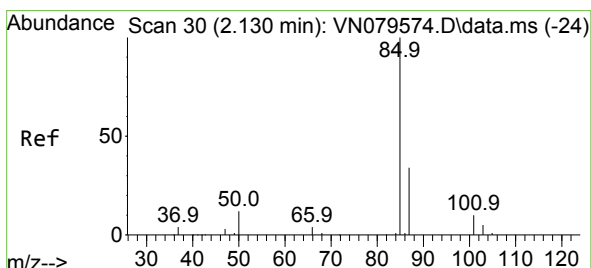
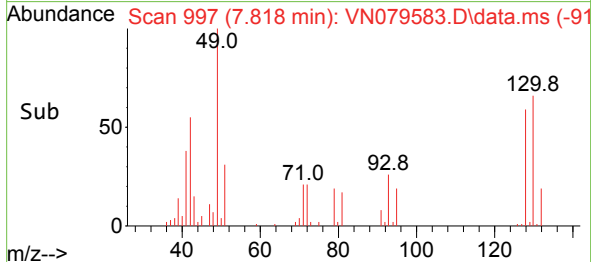
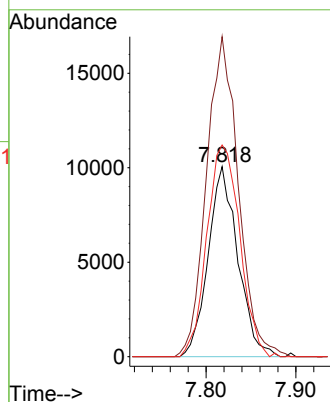
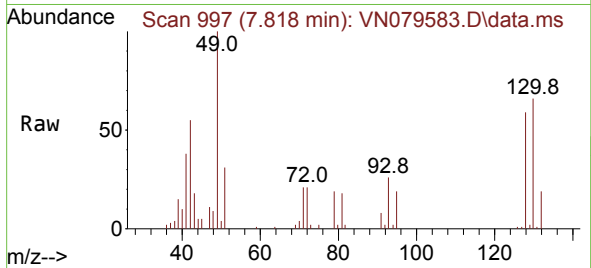




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

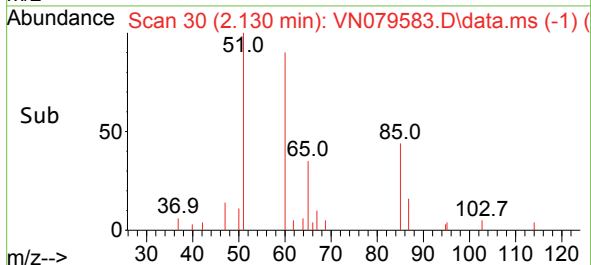
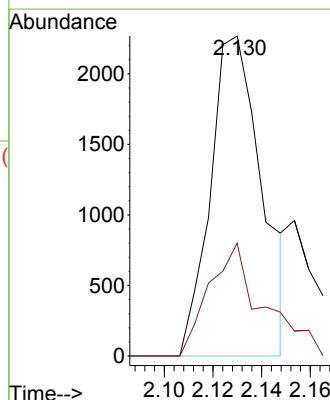
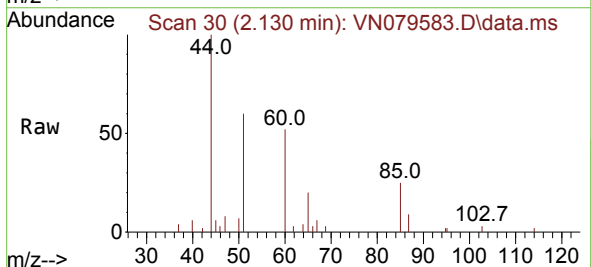
Instrument :
MSVOA_N
ClientSampleId :

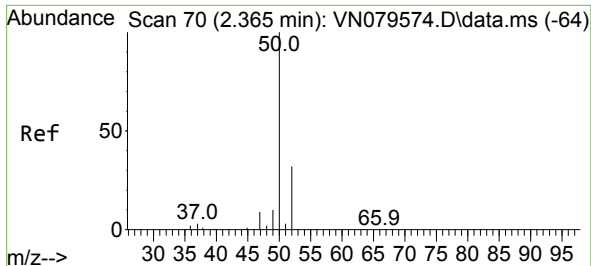
Tgt Ion:128 Resp: 23108
Ion Ratio Lower Upper
128 100
49 180.8 0.0 468.5
130 123.5 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 0.996 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 85 Resp: 3339
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.7

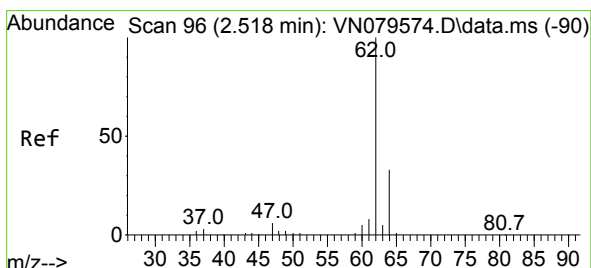
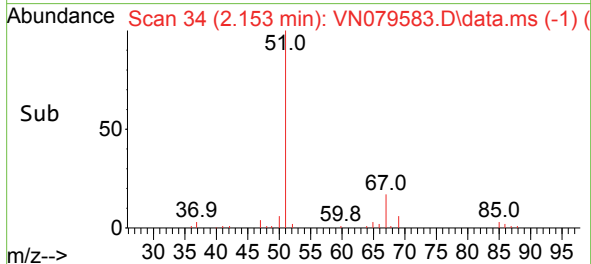
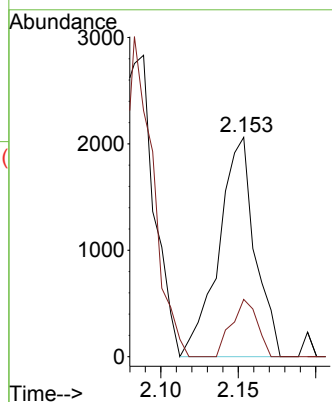
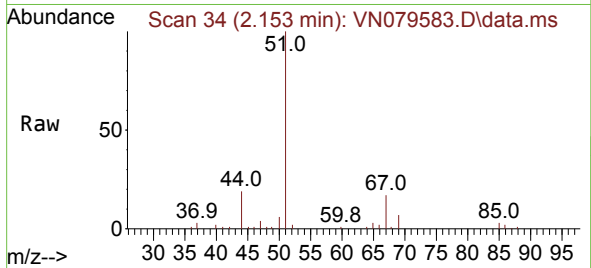




#3
Chloromethane
Concen: 0.770 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.212 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

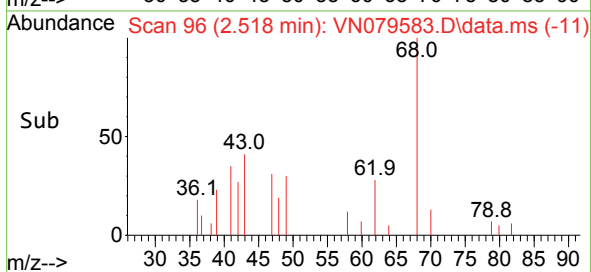
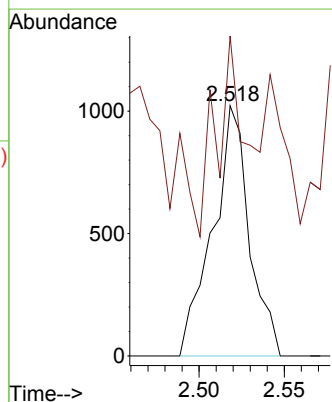
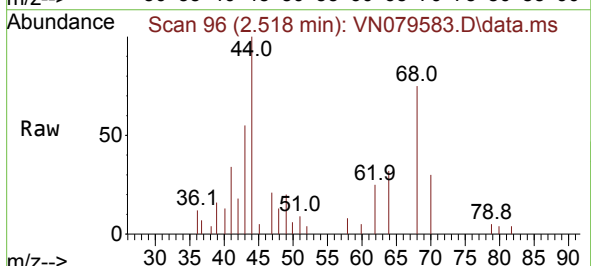
Instrument :
MSVOA_N
ClientSampleId :

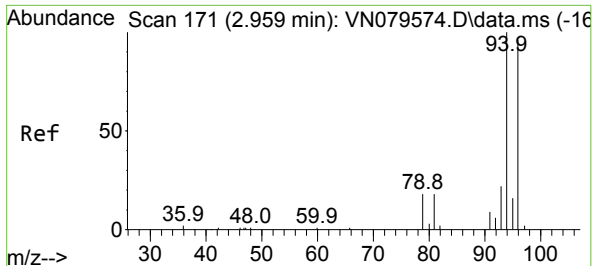
Tgt Ion: 50 Resp: 3346
Ion Ratio Lower Upper
50 100
52 26.1 25.6 38.4



#4
Vinyl Chloride
Concen: 0.325 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

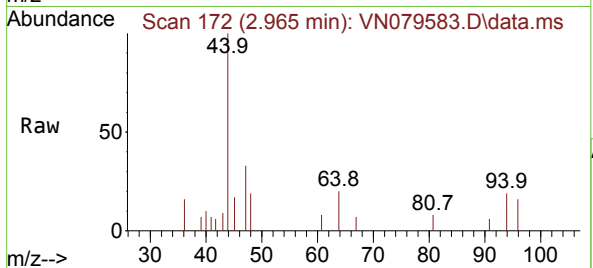
Tgt Ion: 62 Resp: 1524
Ion Ratio Lower Upper
62 100
64 38.9 26.4 39.6



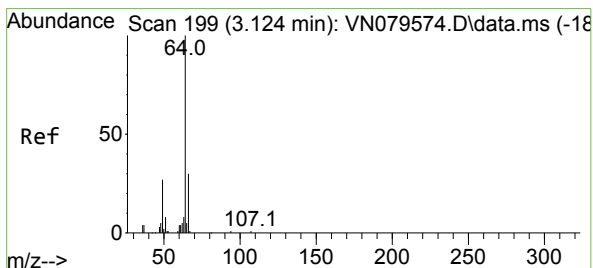
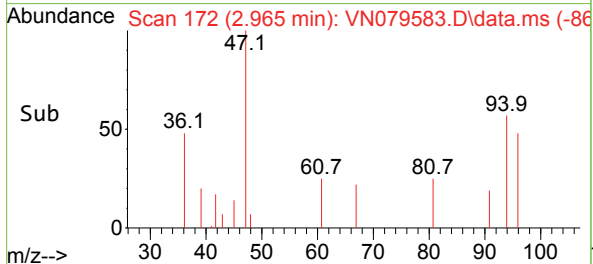
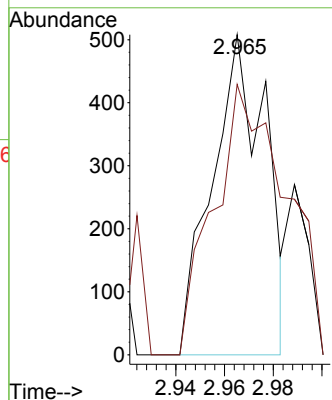


#5
Bromomethane
Concen: 0.267 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :

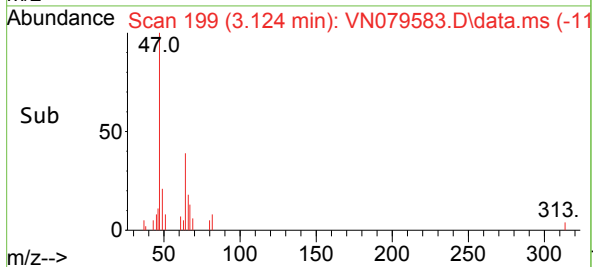
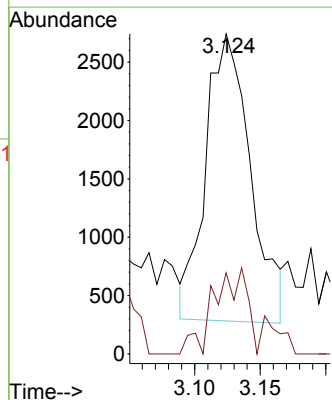
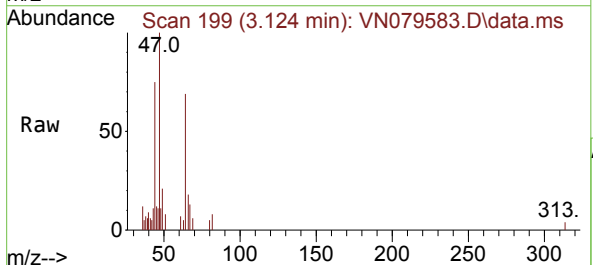


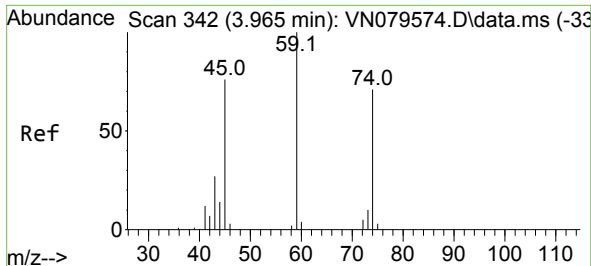
Tgt Ion: 94 Resp: 776
Ion Ratio Lower Upper
94 100
96 84.4 77.8 116.6



#6
Chloroethane
Concen: 1.774 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 64 Resp: 5852
Ion Ratio Lower Upper
64 100
66 32.4 23.3 34.9





#8

Diethyl Ether

Concen: 1.192 ug/l

RT: 3.959 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN079583.D

Acq: 17 Oct 2023 15:57

Instrument :

MSVOA_N

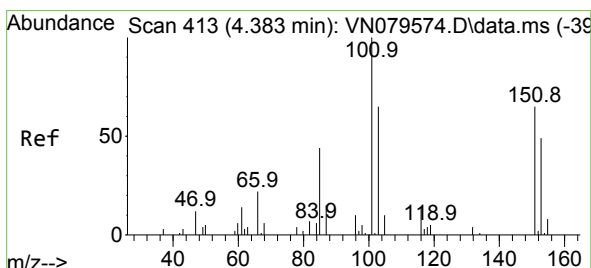
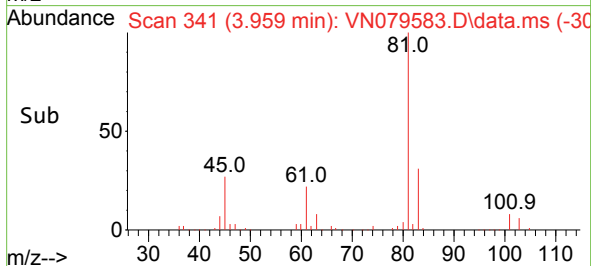
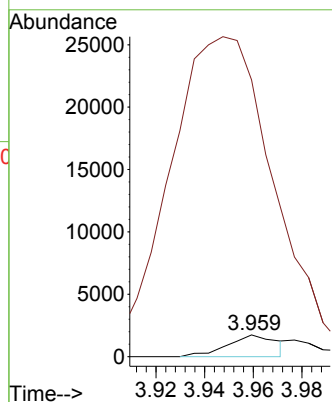
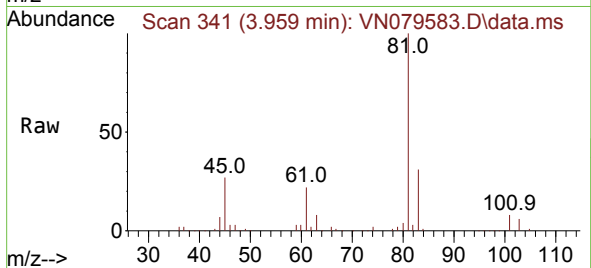
ClientSampleId :

Tgt Ion: 74 Resp: 2471

Ion Ratio Lower Upper

74 100

45 3140.6 19.0 171.0#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.691 ug/l

RT: 3.947 min Scan# 339

Delta R.T. -0.435 min

Lab File: VN079583.D

Acq: 17 Oct 2023 15:57

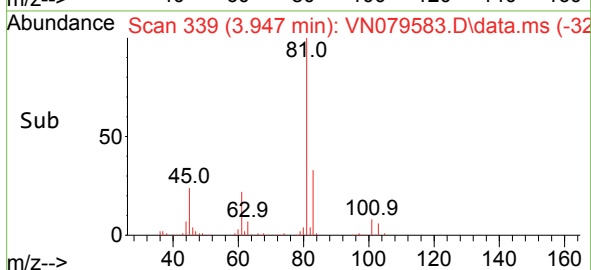
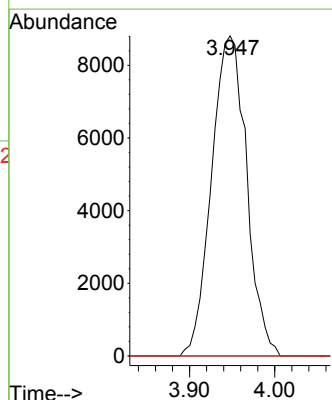
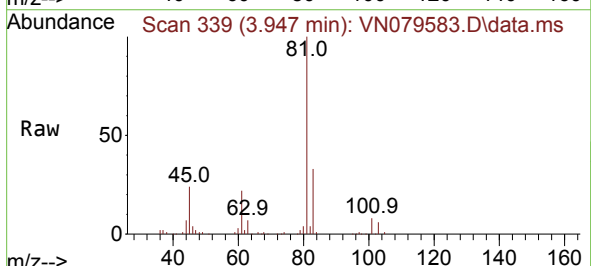
Tgt Ion:101 Resp: 25168

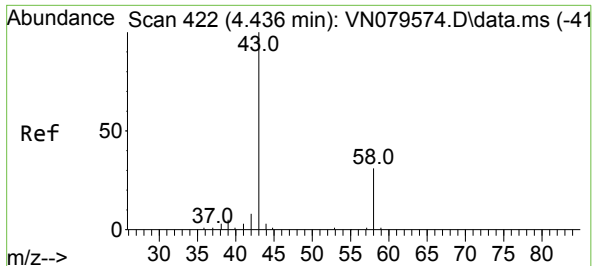
Ion Ratio Lower Upper

101 100

85 0.0 0.0 92.0

151 0.0 0.0 138.4





#15

Acetone

Concen: 305.472 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079583.D

Acq: 17 Oct 2023 15:57

Instrument :

MSVOA_N

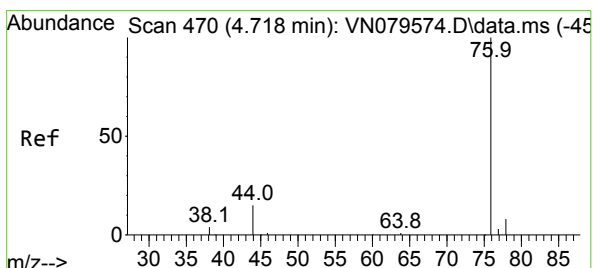
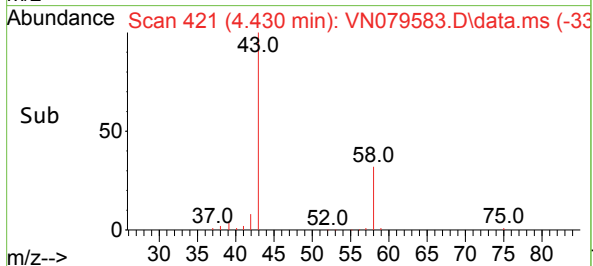
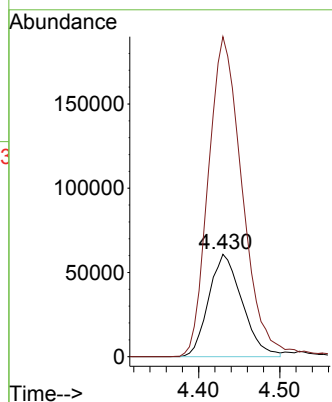
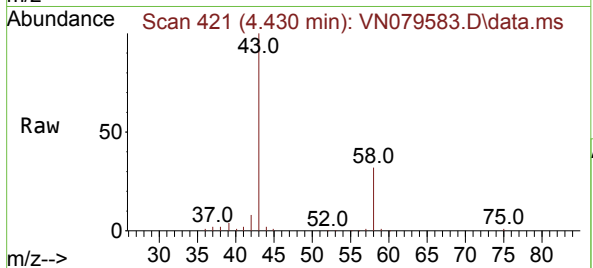
ClientSampleId :

Tgt Ion: 58 Resp: 173941

Ion Ratio Lower Upper

58 100

43 311.8 225.2 337.8



#16

Carbon Disulfide

Concen: 3.071 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079583.D

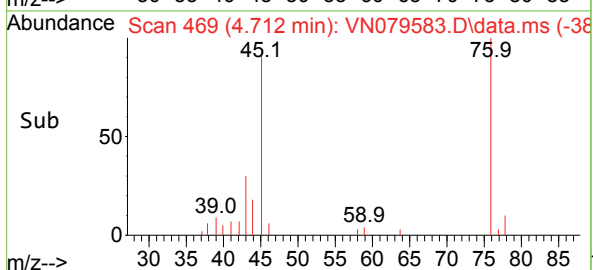
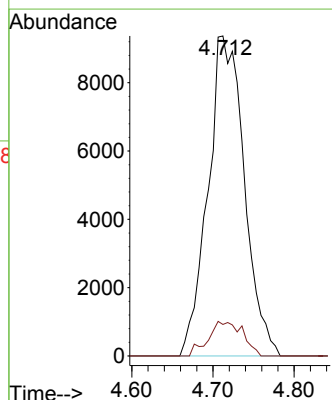
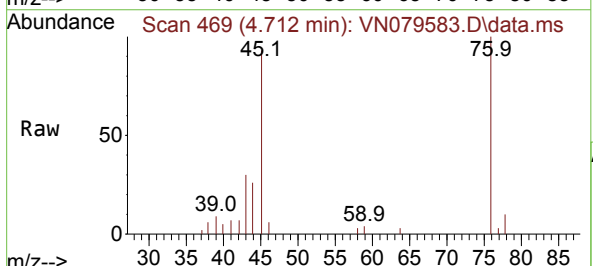
Acq: 17 Oct 2023 15:57

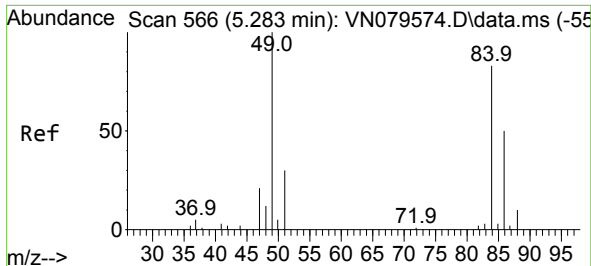
Tgt Ion: 76 Resp: 29154

Ion Ratio Lower Upper

76 100

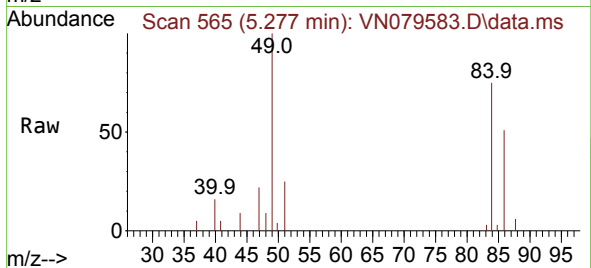
78 9.8 7.5 11.3



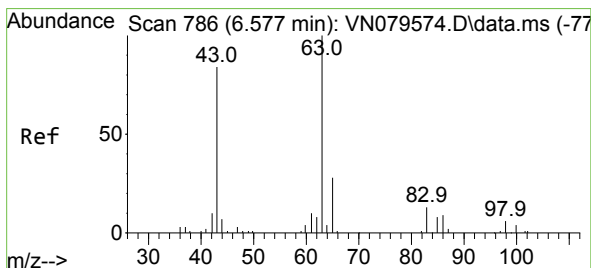
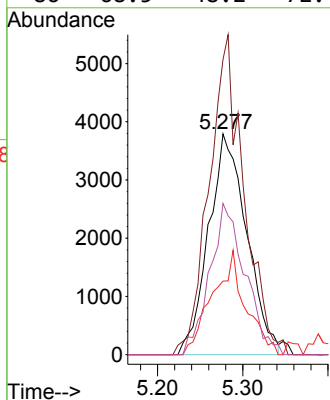
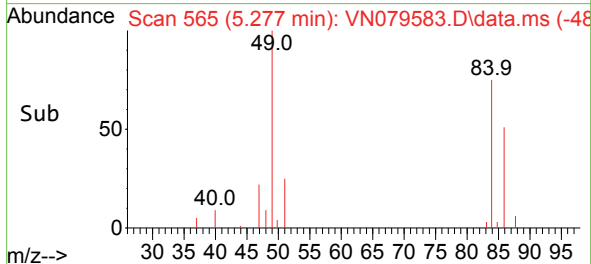


#18
Methylene Chloride
Concen: 3.074 ug/l
RT: 5.277 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

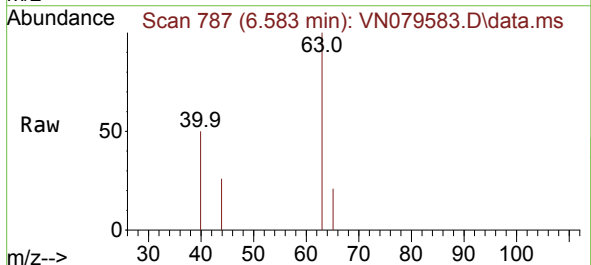
Instrument :
MSVOA_N
ClientSampleId :



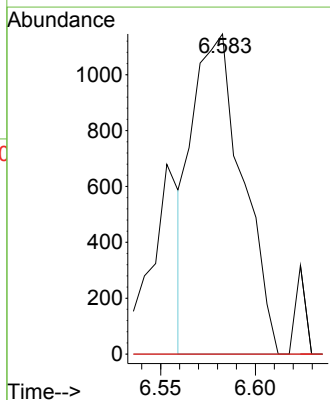
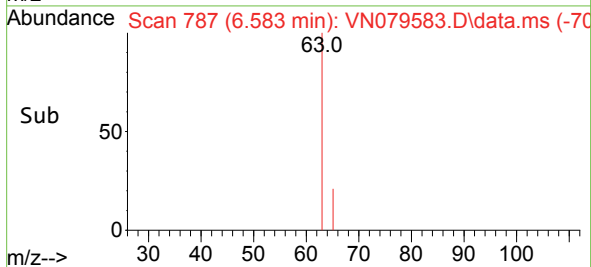
Tgt Ion:	84	Resp:	11781
Ion	Ratio	Lower	Upper
84	100		
49	129.5	100.9	151.3
51	33.3	29.4	44.2
86	68.5	48.2	72.4

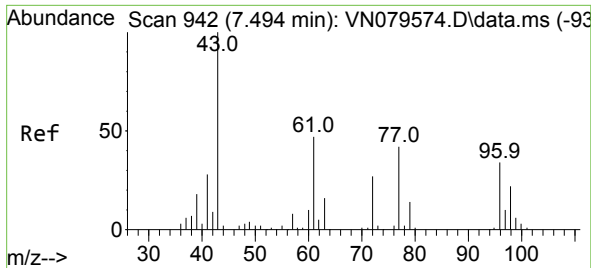


#21
1,1-Dichloroethane
Concen: 0.306 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57



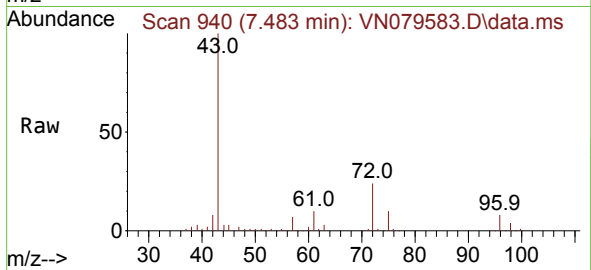
Tgt Ion:	63	Resp:	2119
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.8	8.4#
100	0.0	1.9	5.7#



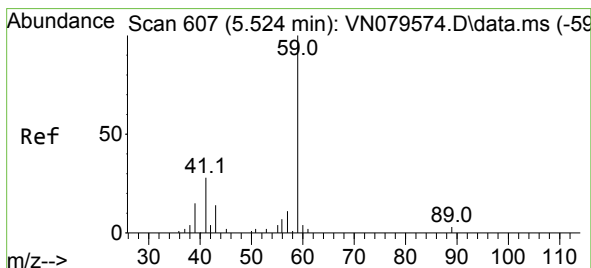
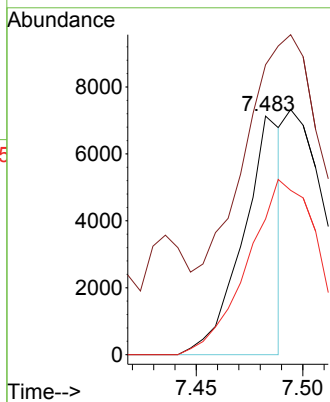
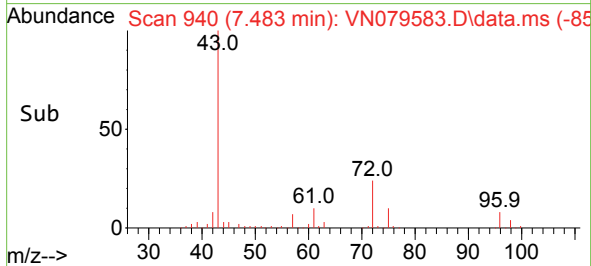


#22
 cis-1,2-Dichloroethene
 Concen: 2.236 ug/l
 RT: 7.483 min Scan# 942
 Delta R.T. -0.012 min
 Lab File: VN079583.D
 Acq: 17 Oct 2023 15:57

Instrument :
 MSVOA_N
 ClientSampleId :

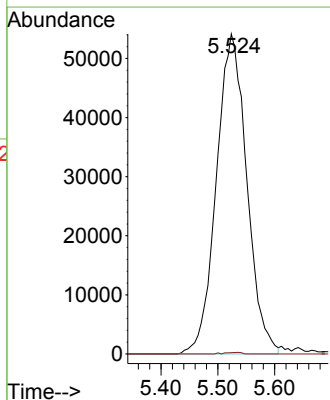
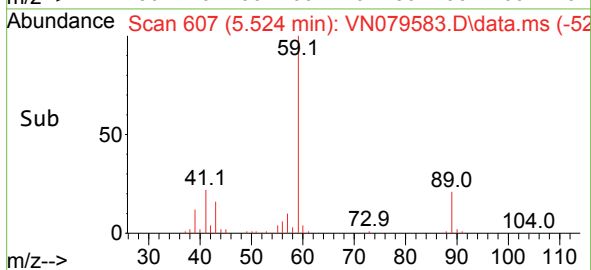
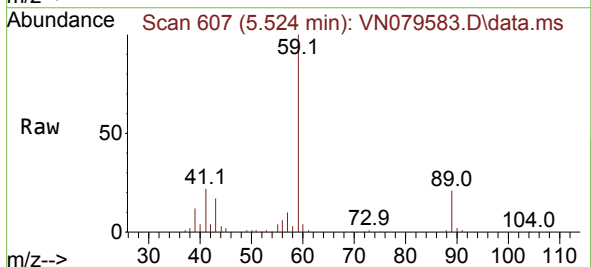


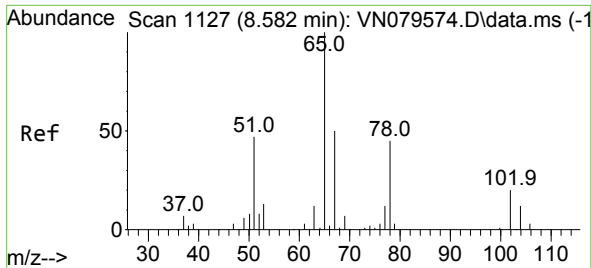
Tgt Ion: 96 Resp: 8972
 Ion Ratio Lower Upper
 96 100
 61 302.3 124.6 186.8#
 98 144.7 54.2 81.4#



#23
 tert-Butyl Alcohol
 Concen: 334.963 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN079583.D
 Acq: 17 Oct 2023 15:57

Tgt Ion: 59 Resp: 201337
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

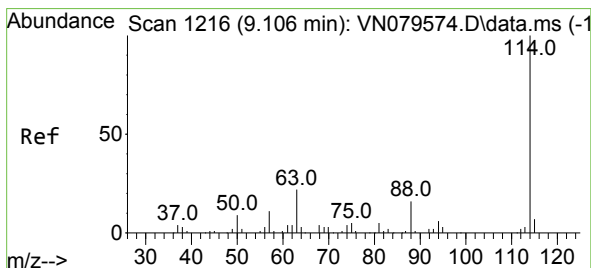
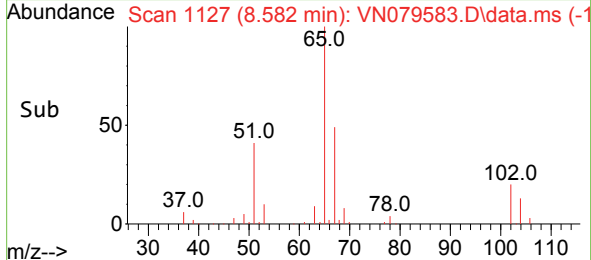
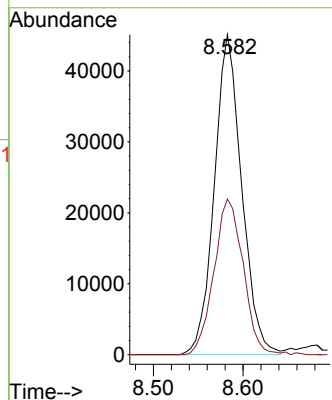
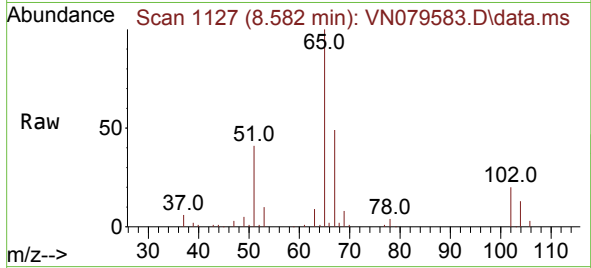




#27
1,2-Dichloroethane-d4
Concen: 29.120 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

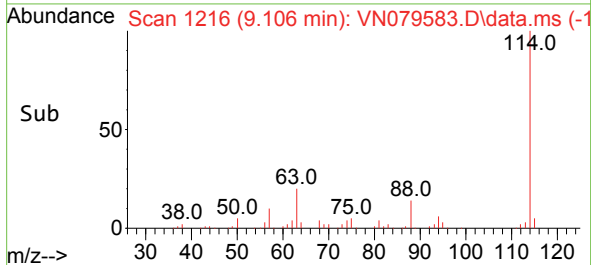
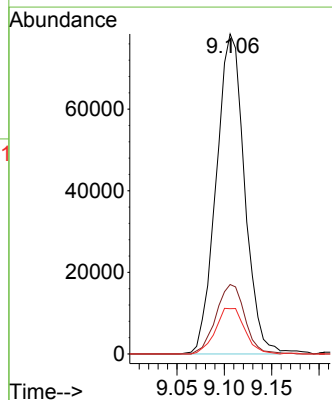
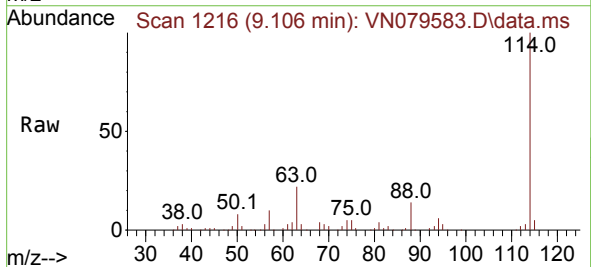
Instrument :
MSVOA_N
ClientSampleId :

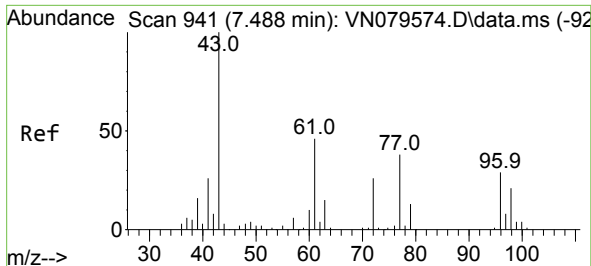
Tgt Ion: 65 Resp: 95672
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 114 Resp: 163253
Ion Ratio Lower Upper
114 100
63 22.1 18.1 27.1
88 14.7 12.2 18.2

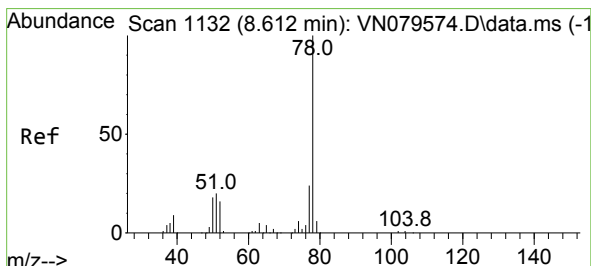
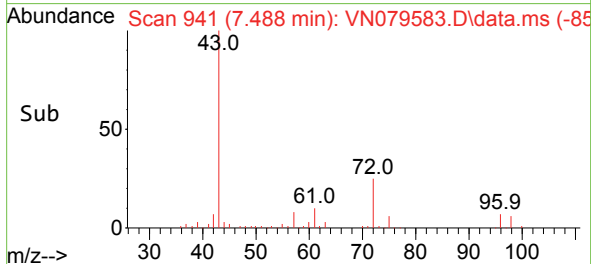
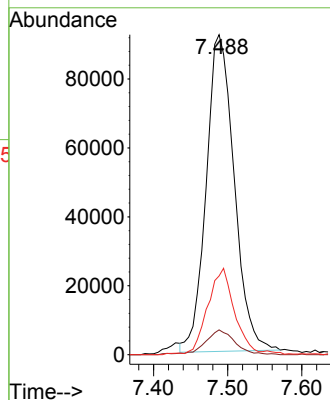
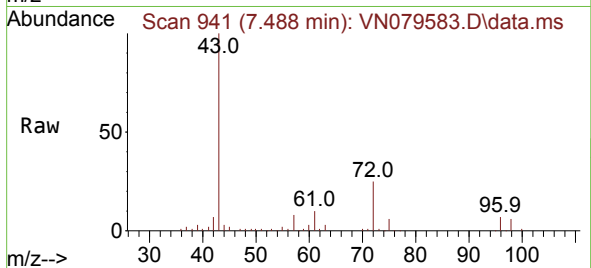




#30
2-Butanone
Concen: 101.054 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

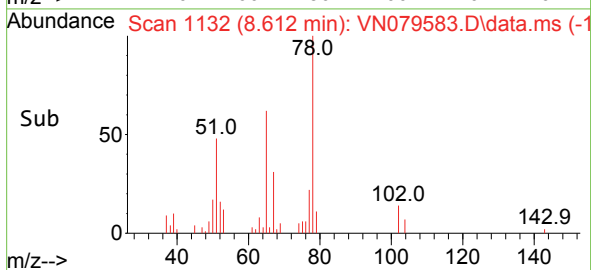
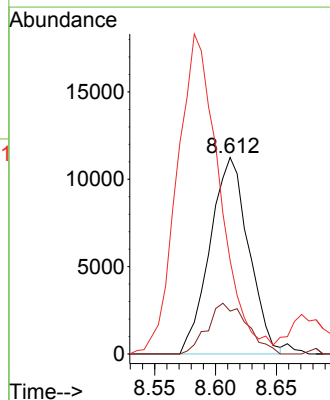
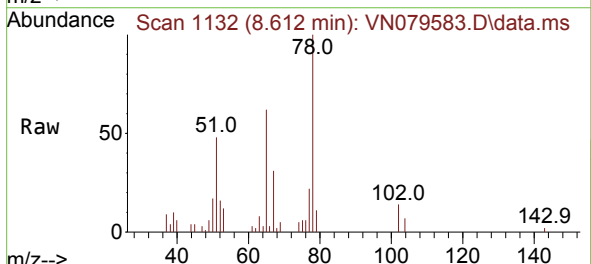
Instrument :
MSVOA_N
ClientSampleId :

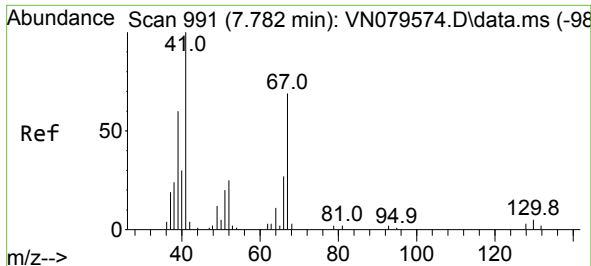
Tgt Ion: 43 Resp: 241663
Ion Ratio Lower Upper
43 100
57 7.6 6.4 9.6
72 25.8 20.7 31.1



#34
Benzene
Concen: 1.718 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 78 Resp: 24904
Ion Ratio Lower Upper
78 100
77 21.8 19.7 29.5
51 39.2 15.8 23.6#

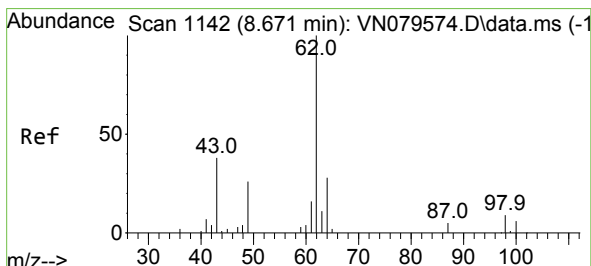
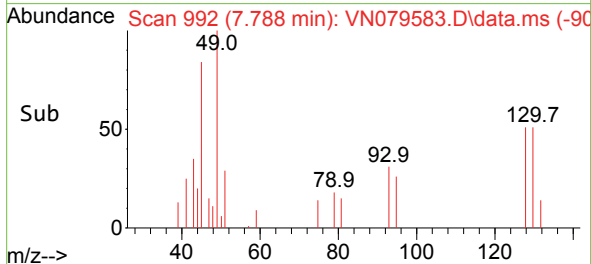
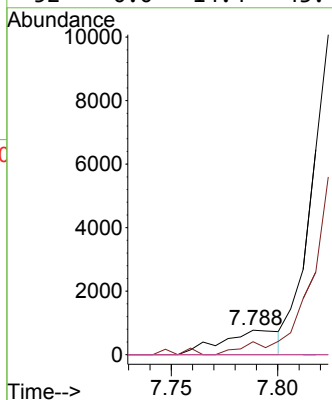
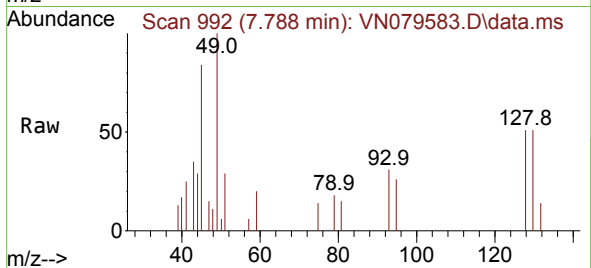




#35
Methacrylonitrile
Concen: 0.582 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

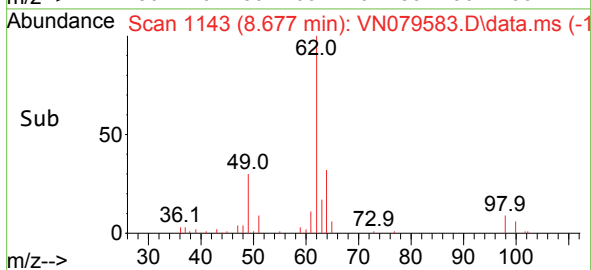
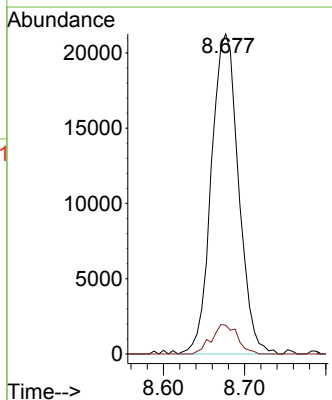
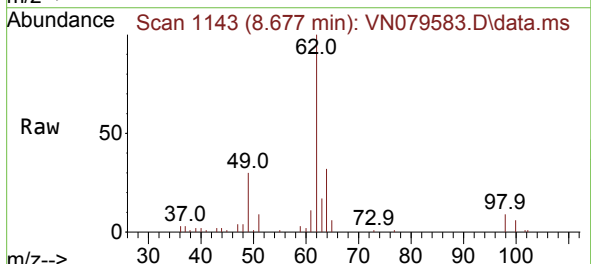
Instrument :
MSVOA_N
ClientSampleId :

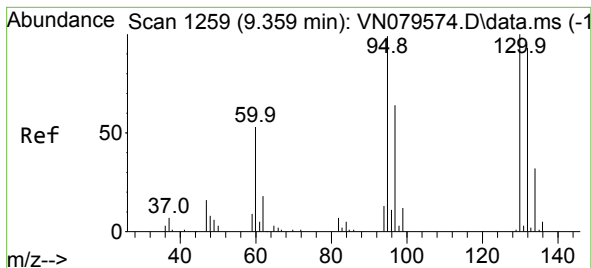
Tgt Ion: 41	Resp:	1465
Ion Ratio	Lower	Upper
41	100	
39	53.2	26.3 78.8
67	0.0	37.5 112.3#
52	0.0	14.4 43.4#



#36
1,2-Dichloroethane
Concen: 9.571 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 62	Resp:	49535
Ion Ratio	Lower	Upper
62	100	
98	8.8	7.2 10.8





#37

Trichloroethene

Concen: 2.228 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079583.D

Acq: 17 Oct 2023 15:57

Instrument :

MSVOA_N

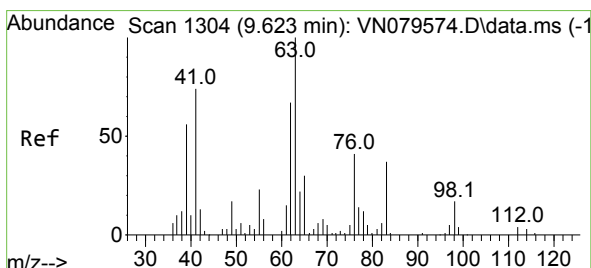
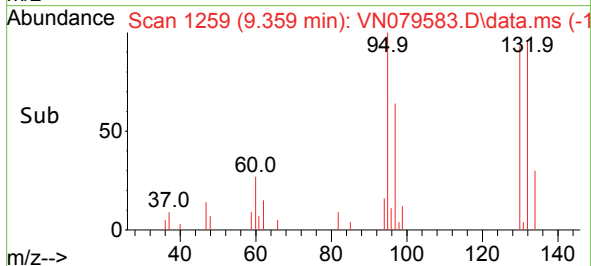
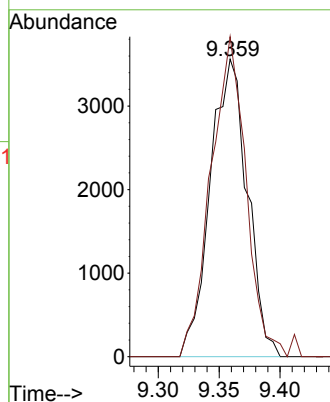
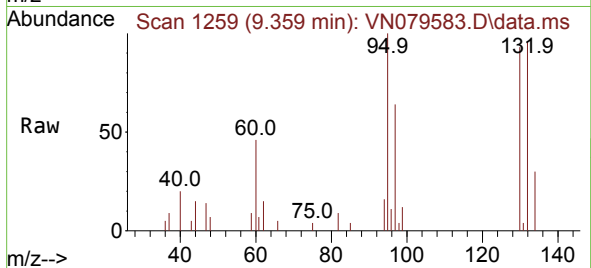
ClientSampleId :

Tgt Ion:130 Resp: 7548

Ion Ratio Lower Upper

130 100

95 107.5 81.2 121.8



#39

1,2-Dichloropropane

Concen: 0.582 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079583.D

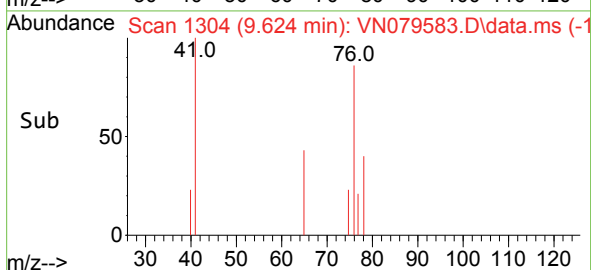
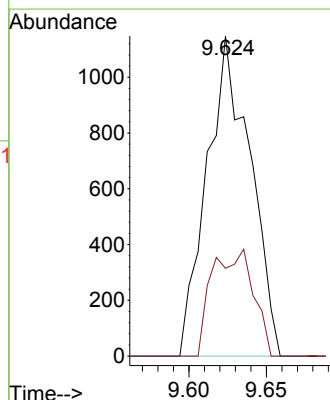
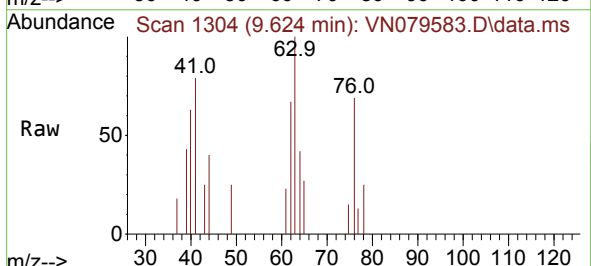
Acq: 17 Oct 2023 15:57

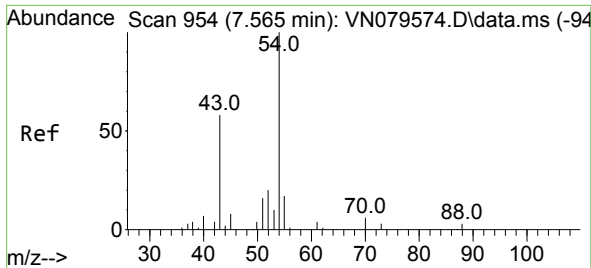
Tgt Ion: 63 Resp: 2228

Ion Ratio Lower Upper

63 100

65 27.4 25.3 37.9

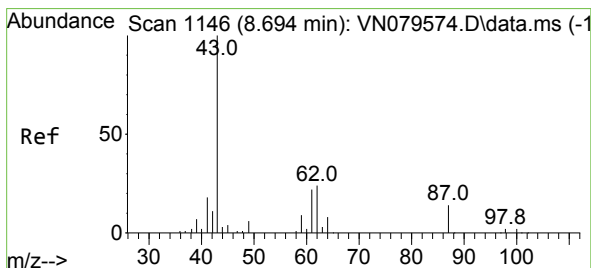
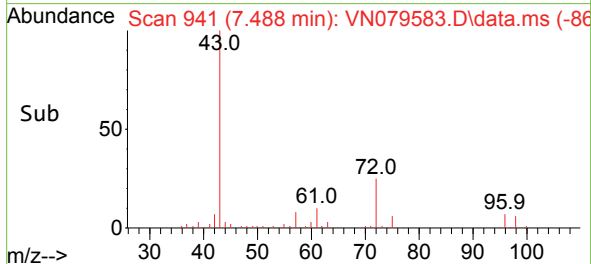
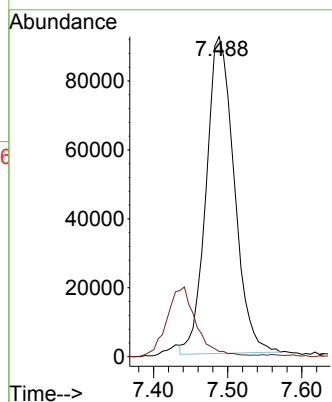
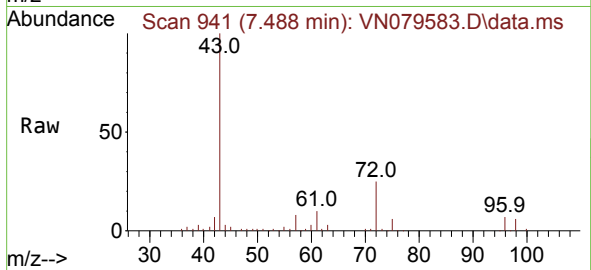




#43
Ethyl Acetate
Concen: 53.741 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.076 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

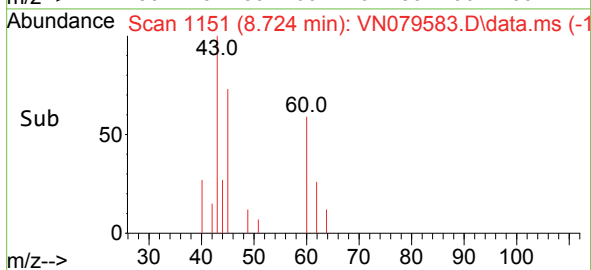
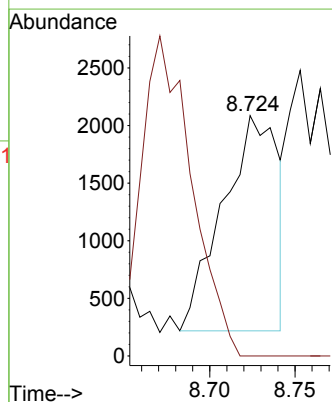
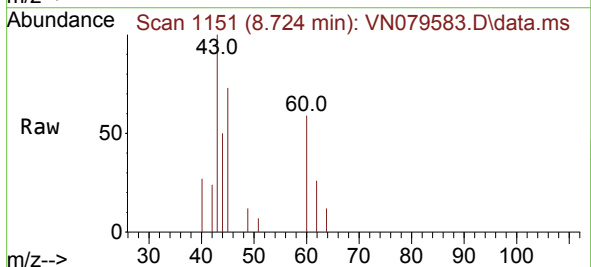
Instrument :
MSVOA_N
ClientSampleId :

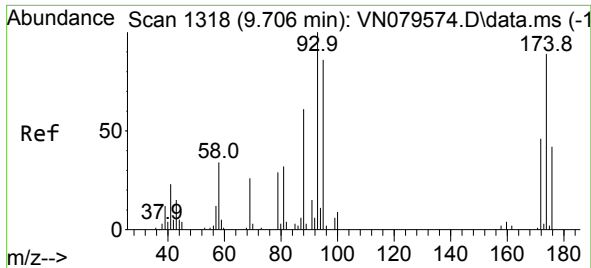
Tgt Ion: 43 Resp: 241663
Ion Ratio Lower Upper
43 100
45 0.2 11.8 17.8#



#44
Isopropyl Acetate
Concen: 0.527 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.030 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 43 Resp: 4213
Ion Ratio Lower Upper
43 100
61 0.0 20.3 30.5#

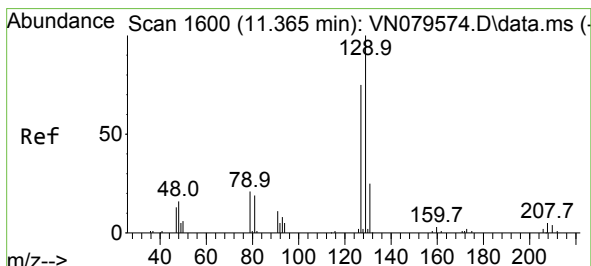
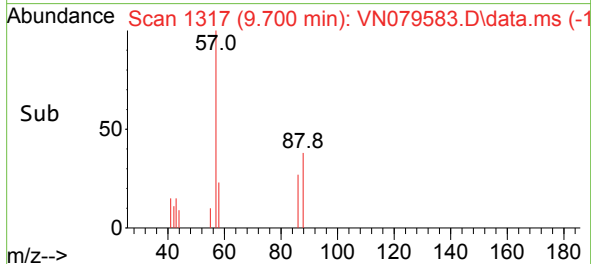
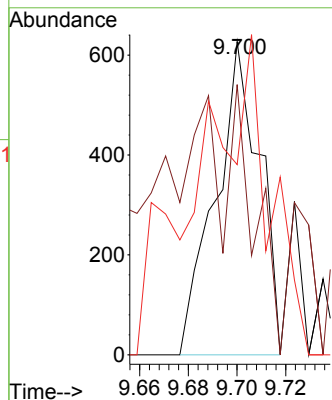
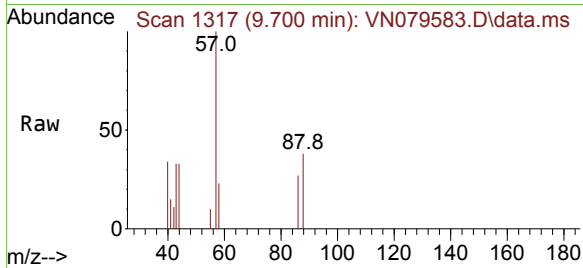




#45
1,4-Dioxane
Concen: 12.513 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

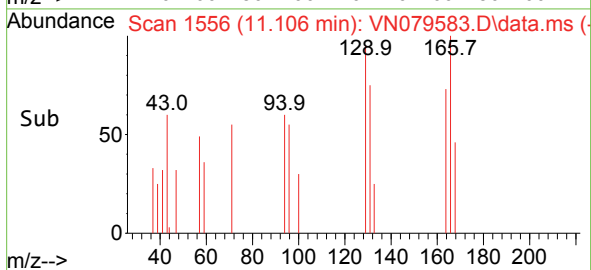
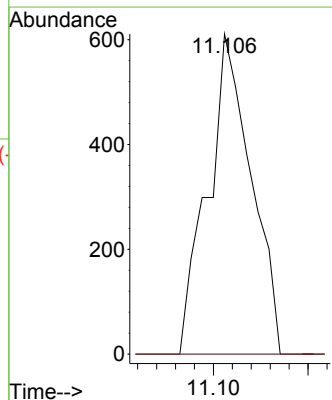
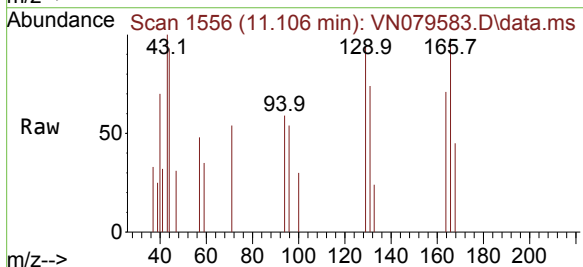
Instrument :
MSVOA_N
ClientSampleId :

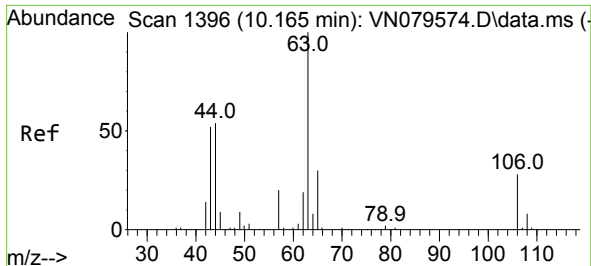
Tgt Ion: 88 Resp: 783
Ion Ratio Lower Upper
88 100
43 48.4 28.7 43.1#
58 21.6 56.9 85.3#



#53
Dibromochloromethane
Concen: 0.273 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Tgt Ion: 129 Resp: 973
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#

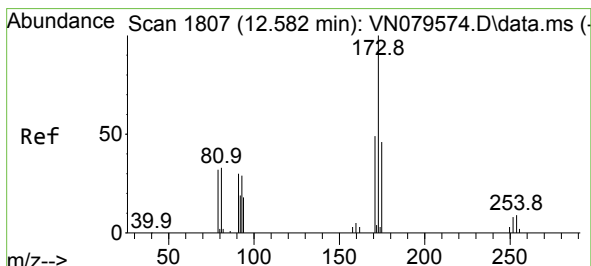
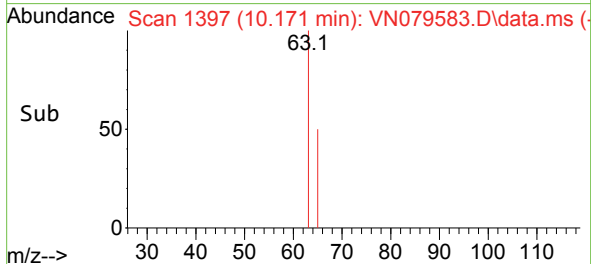
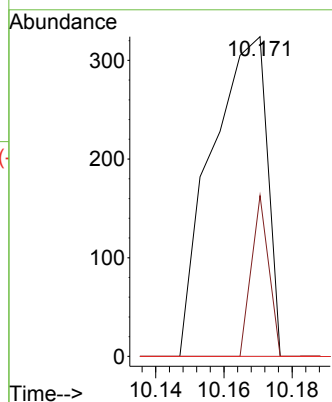
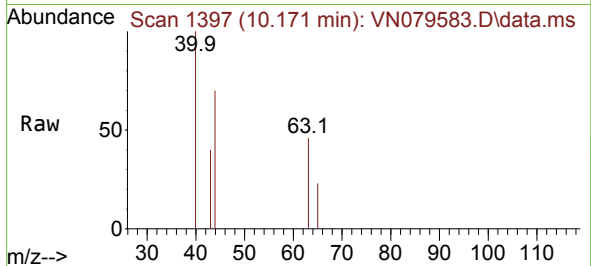




#55
2-Chloroethyl vinyl ether
Concen: 0.200 ug/l
RT: 10.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

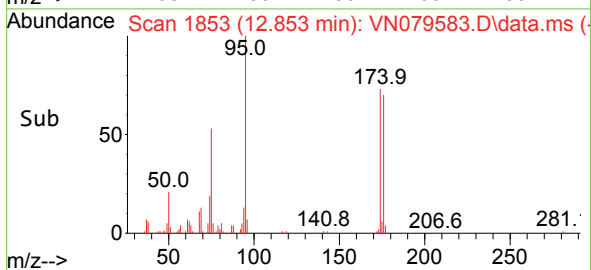
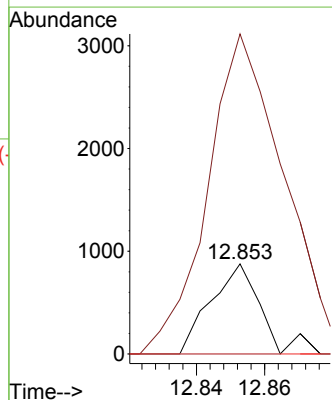
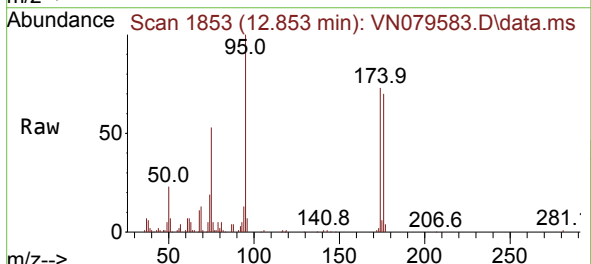
Instrument :
MSVOA_N
ClientSampleId :

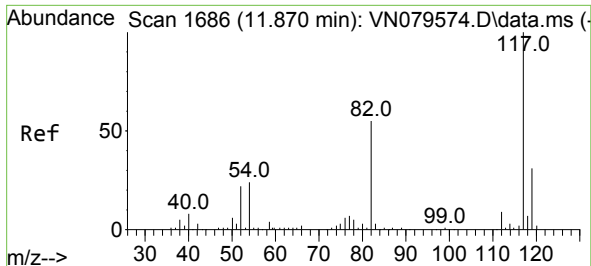
Tgt Ion: 63 Resp: 367
Ion Ratio Lower Upper
63 100
65 0.0 25.9 38.9#
106 0.0 20.6 30.8#



#56
Bromoform
Concen: 0.356 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

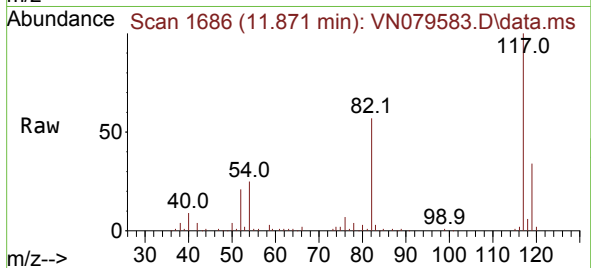
Tgt Ion:173 Resp: 839
Ion Ratio Lower Upper
173 100
175 572.8 37.9 56.9#
254 0.0 7.3 10.9#



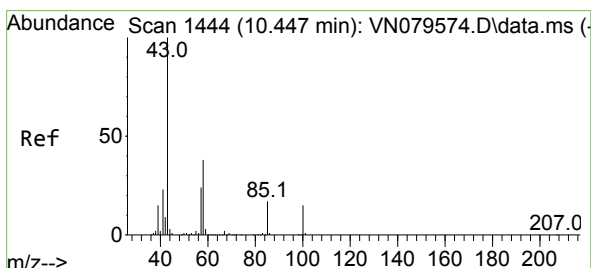
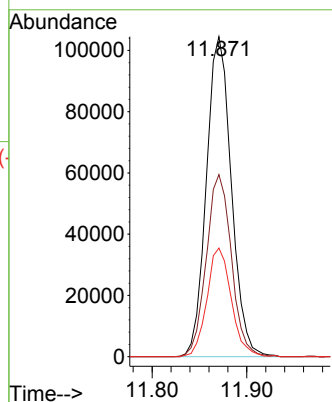
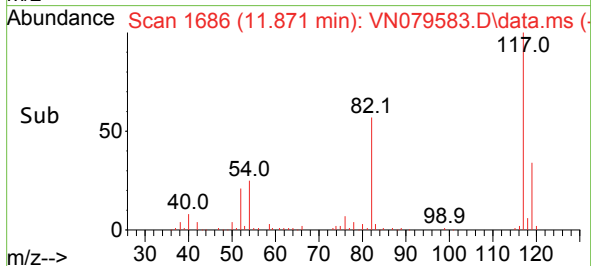


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

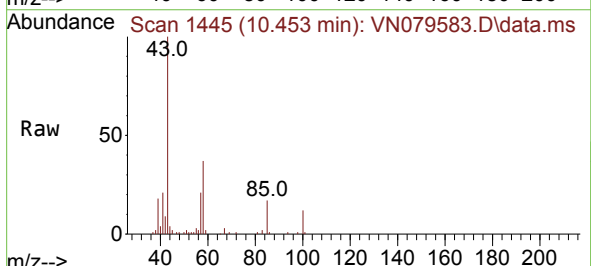
Instrument :
MSVOA_N
ClientSampleId :



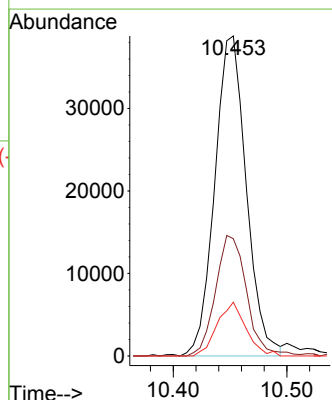
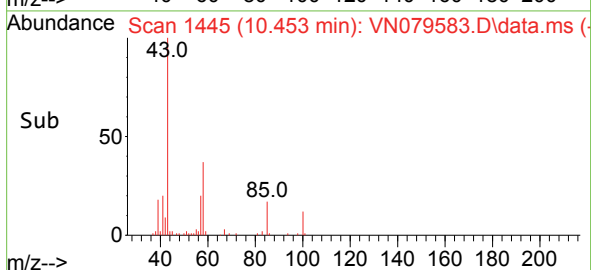
Tgt Ion:117 Resp: 191389
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 33.1 25.2 37.8

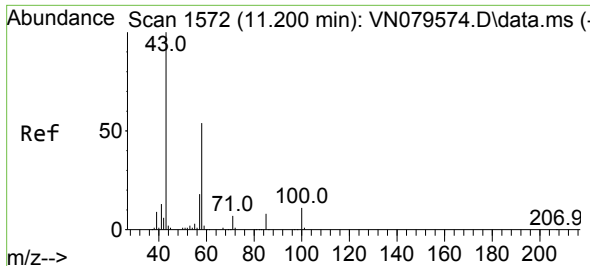


#58
4-Methyl-2-Pentanone
Concen: 16.772 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57



Tgt Ion: 43 Resp: 74870
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6
85 15.3 13.2 19.8

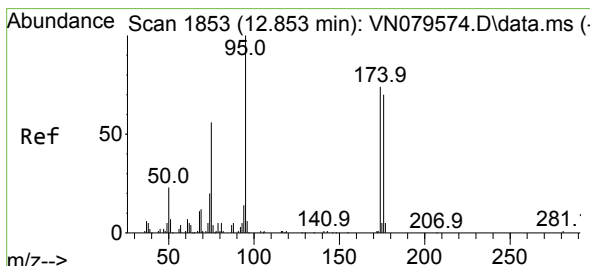
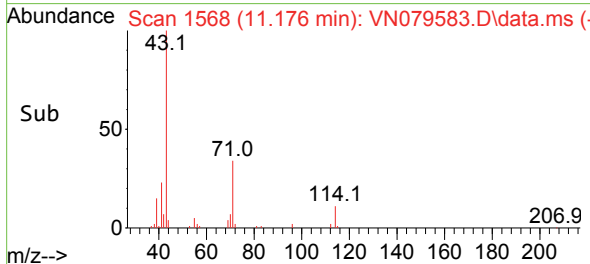
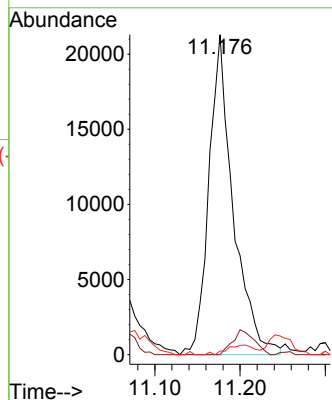
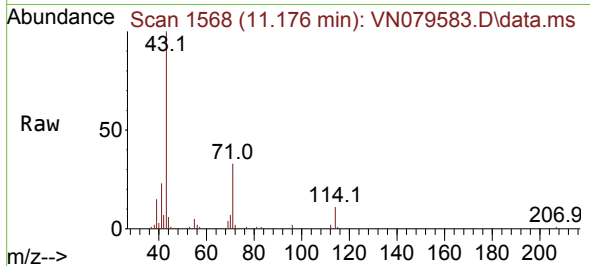




#59
2-Hexanone
Concen: 12.844 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

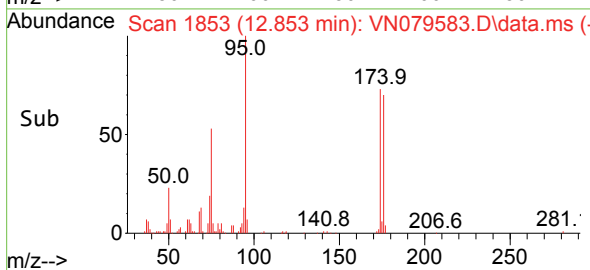
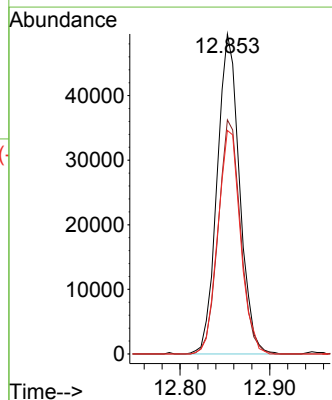
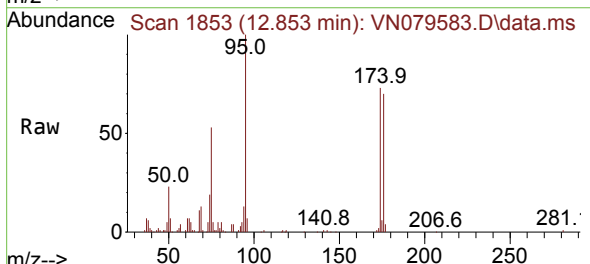
Instrument :
MSVOA_N
ClientSampleId :

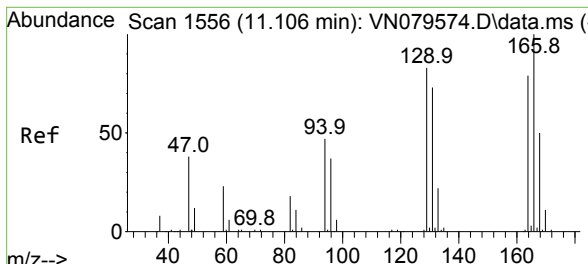
Tgt Ion: 43 Resp: 42065
Ion Ratio Lower Upper
43 100
58 0.0 42.3 63.5#
57 0.1 13.9 20.9#



#60
4-Bromofluorobenzene
Concen: 24.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

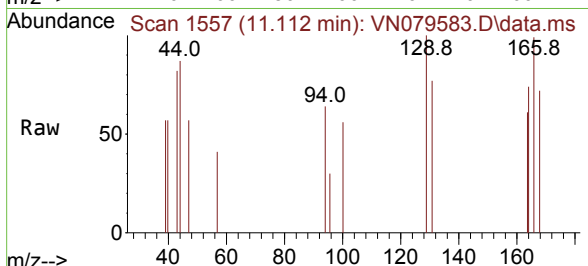
Tgt Ion: 95 Resp: 85766
Ion Ratio Lower Upper
95 100
174 72.7 60.5 90.7
176 70.7 57.2 85.8



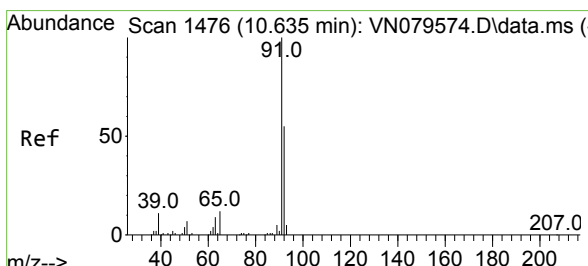
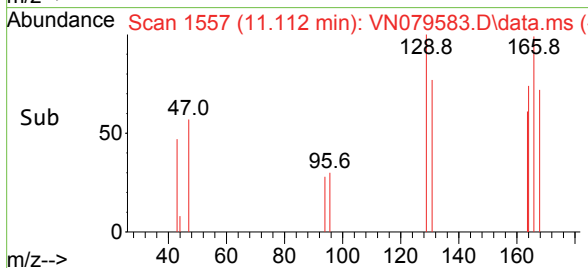
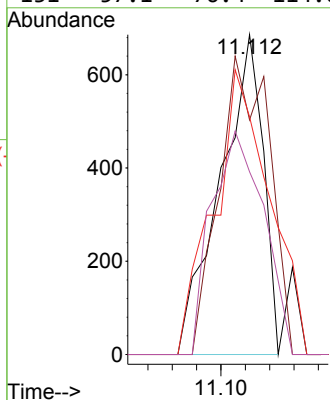


#61
Tetrachloroethene
Concen: 0.318 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :

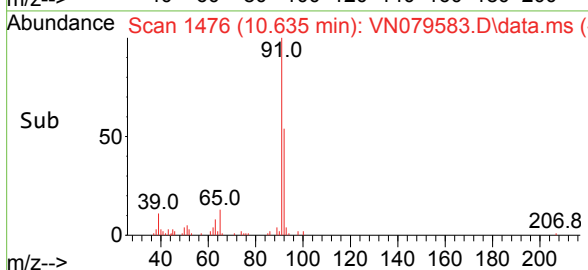
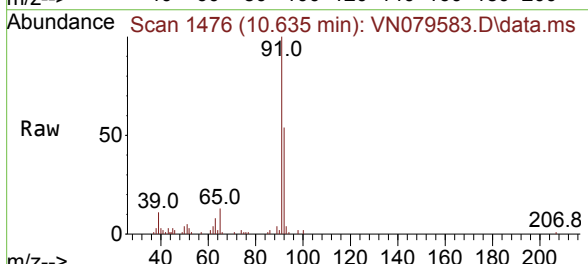
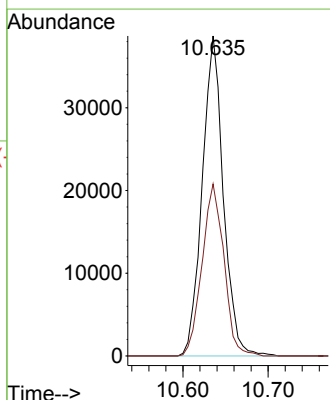


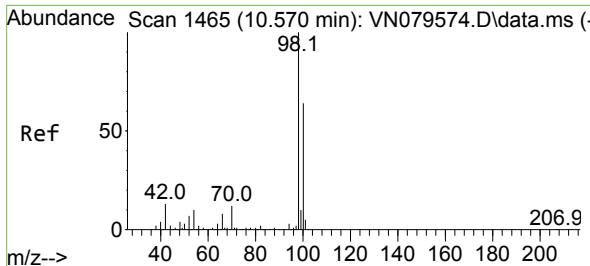
Tgt Ion:164 Resp: 835
Ion Ratio Lower Upper
164 100
166 73.3 98.2 147.4#
129 74.3 75.0 112.4#
131 57.1 76.4 114.6#



#62
Toluene
Concen: 4.553 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

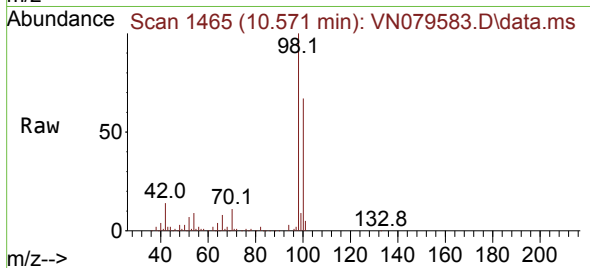
Tgt Ion: 91 Resp: 66603
Ion Ratio Lower Upper
91 100
92 55.6 45.3 67.9



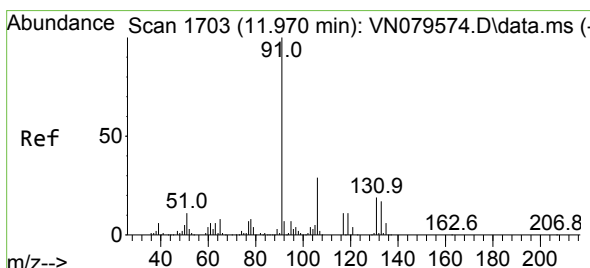
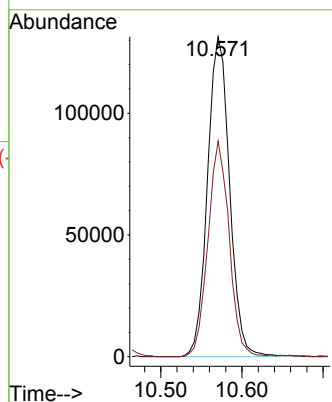
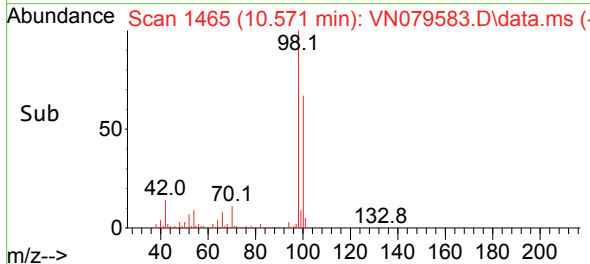


#63
Toluene-d8
Concen: 30.276 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

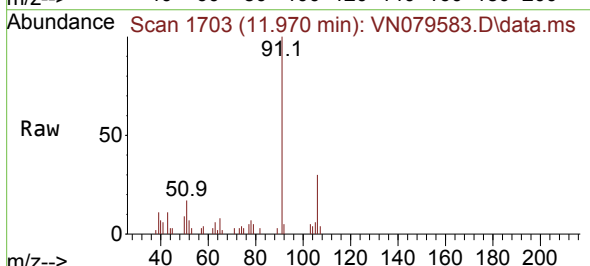
Instrument :
MSVOA_N
ClientSampleId :



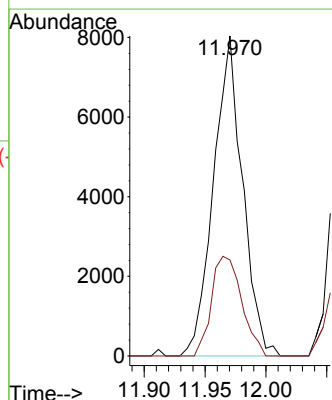
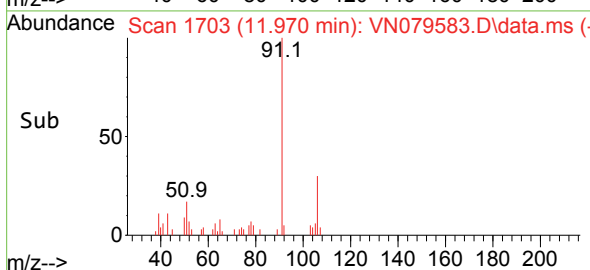
Tgt Ion: 98 Resp: 248298
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

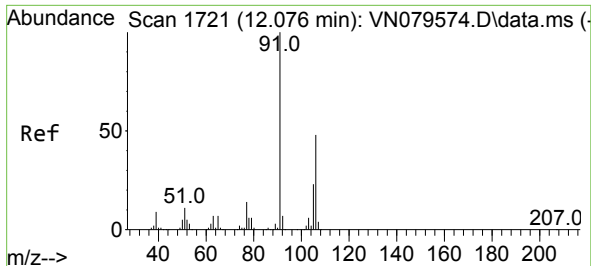


#66
Ethyl Benzene
Concen: 0.885 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57



Tgt Ion: 91 Resp: 13345
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

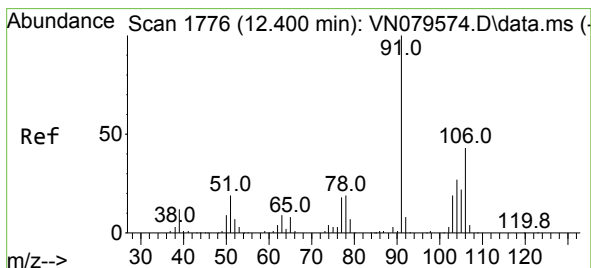
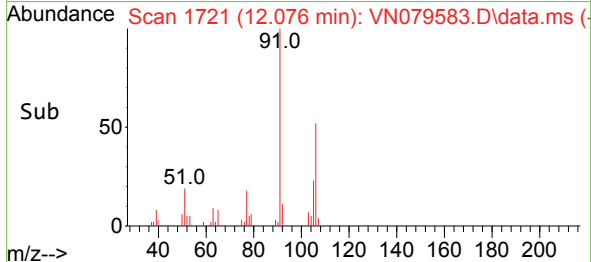
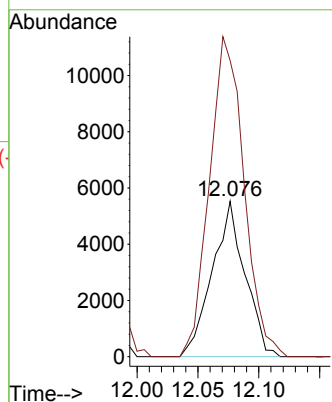
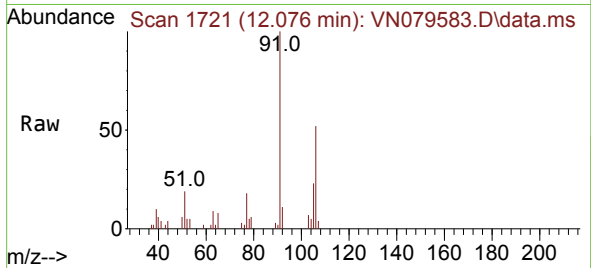




#67
m/p-Xylenes
Concen: 1.859 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

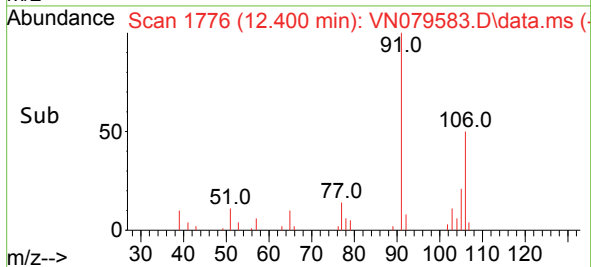
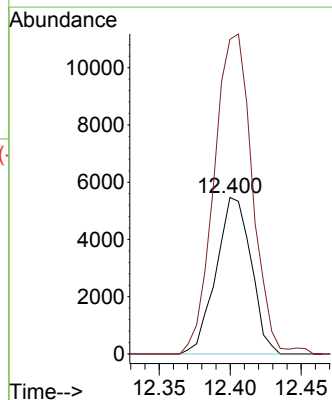
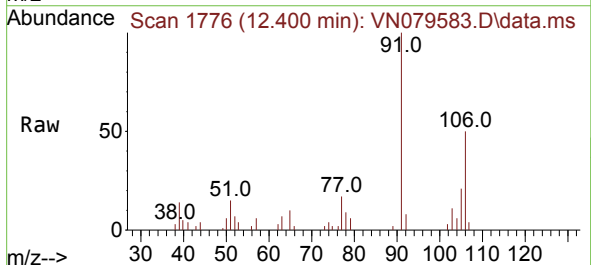
Instrument :
MSVOA_N
ClientSampleId :

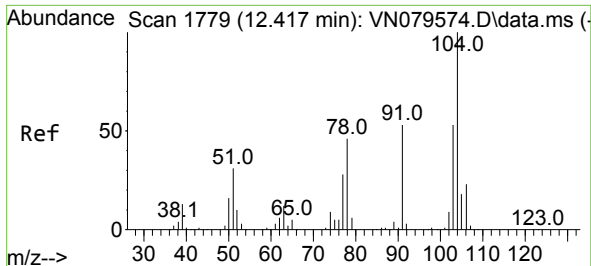
Tgt Ion:106 Resp: 10364
Ion Ratio Lower Upper
106 100
91 217.2 161.8 242.6



#68
o-Xylene
Concen: 1.763 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

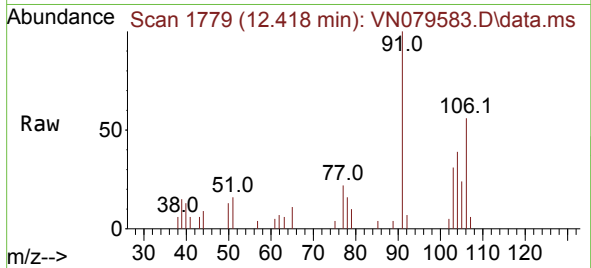
Tgt Ion:106 Resp: 9396
Ion Ratio Lower Upper
106 100
91 221.1 109.9 329.7



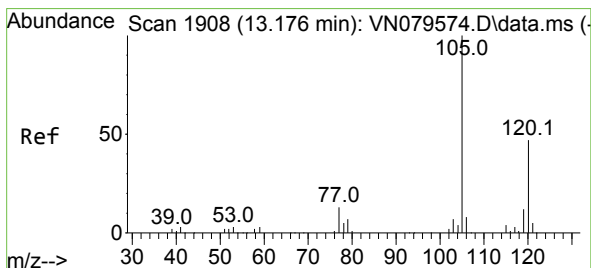
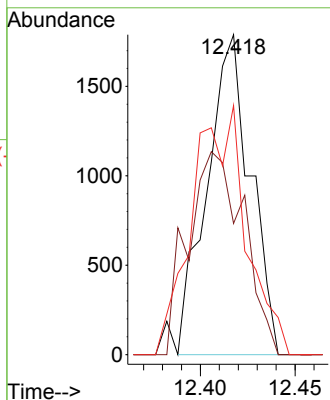
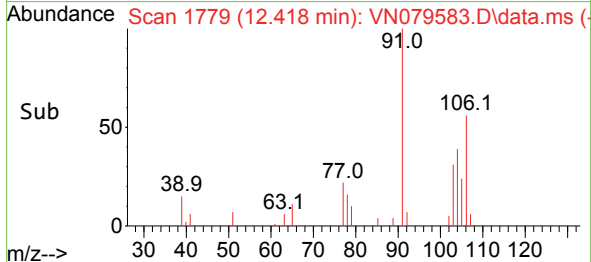


#69
Styrene
Concen: 0.338 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

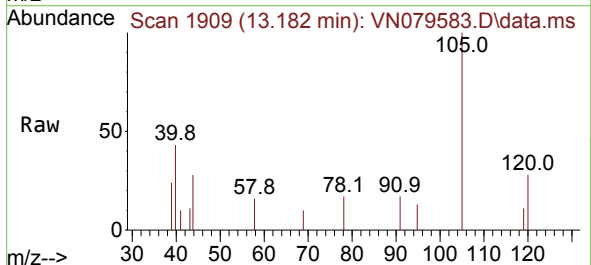
Instrument :
MSVOA_N
ClientSampleId :



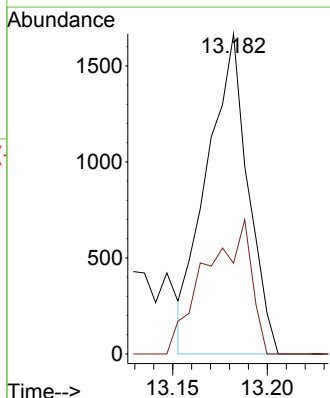
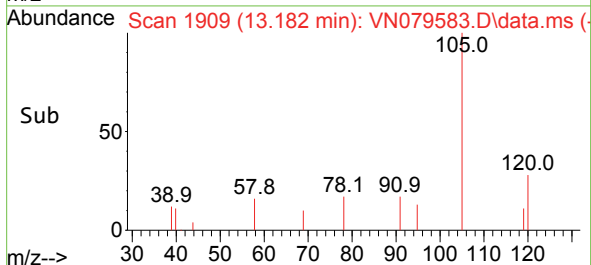
Tgt Ion:104 Resp: 2856
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8#
103 36.3 43.1 64.7#

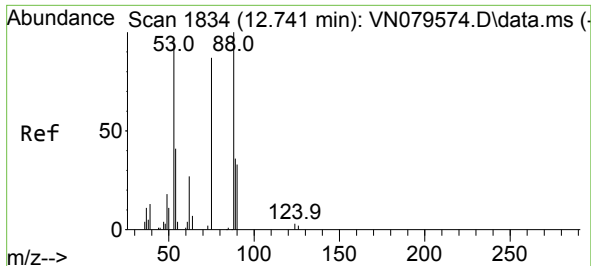


#76
1,3,5-Trimethylbenzene
Concen: 0.225 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57



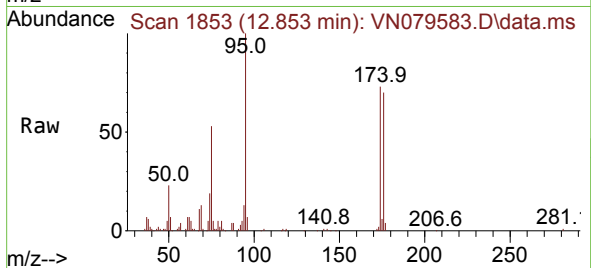
Tgt Ion:105 Resp: 2518
Ion Ratio Lower Upper
105 100
120 32.8 0.0 93.2



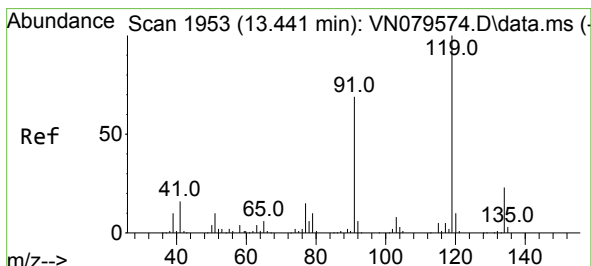
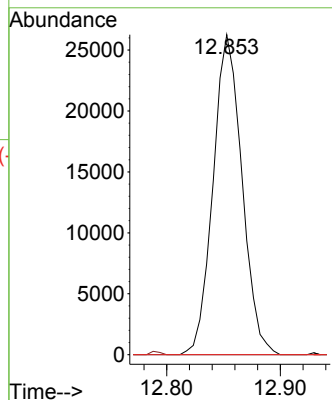
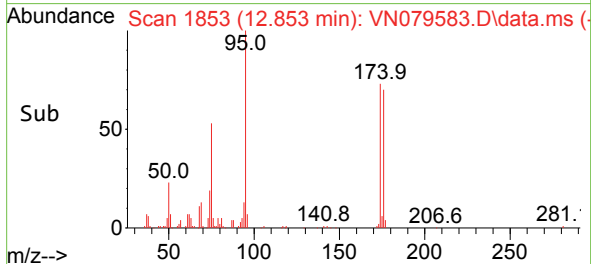


#77
t-1,4-Dichloro-2-butene
Concen: 34.441 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57

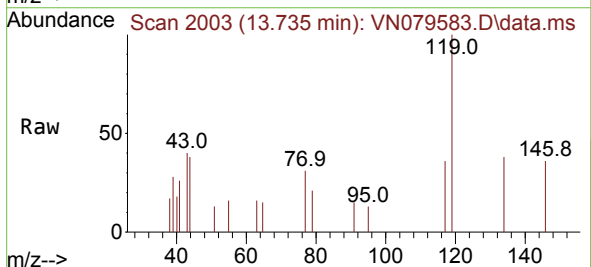
Instrument :
MSVOA_N
ClientSampleId :



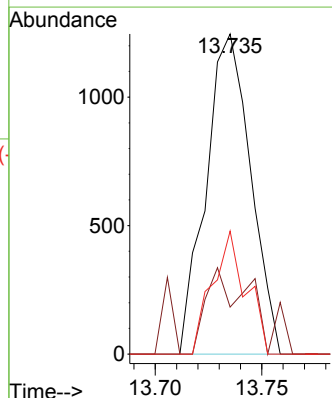
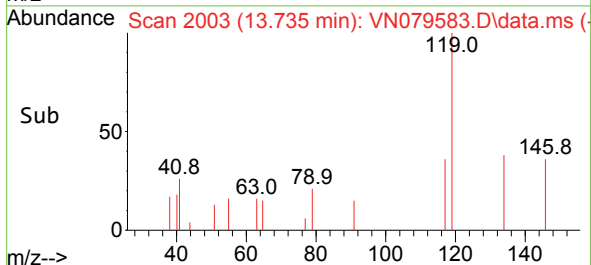
Tgt Ion: 75 Resp: 46417
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#

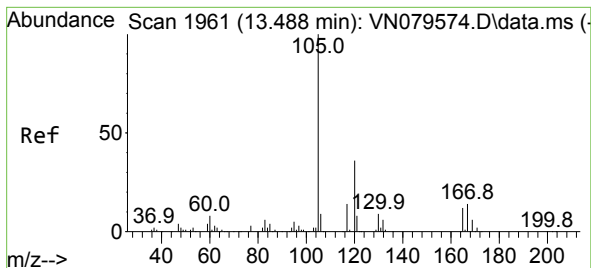


#79
tert-butylbenzene
Concen: 0.202 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.294 min
Lab File: VN079583.D
Acq: 17 Oct 2023 15:57



Tgt Ion: 119 Resp: 1814
Ion Ratio Lower Upper
119 100
91 14.2 0.0 140.6
134 29.1 0.0 49.8





#80

1,2,4-Trimethylbenzene

Concen: 0.411 ug/l

RT: 13.482 min Scan# 1961

Delta R.T. -0.006 min

Lab File: VN079583.D

Acq: 17 Oct 2023 15:57

Instrument :

MSVOA_N

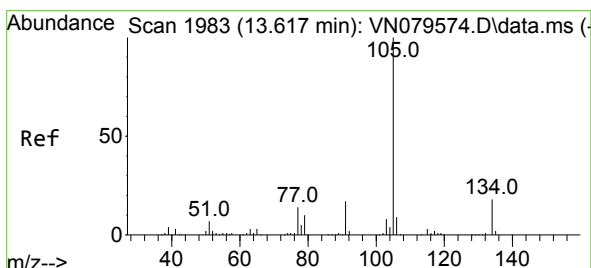
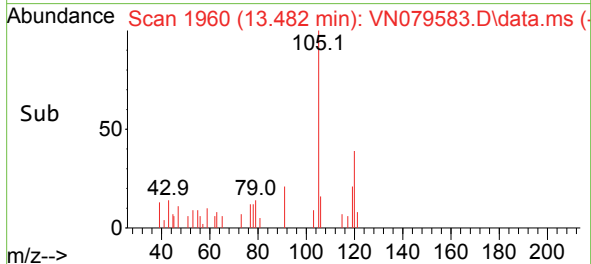
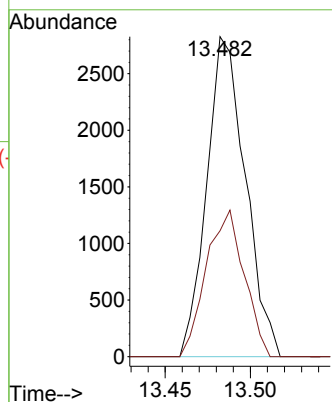
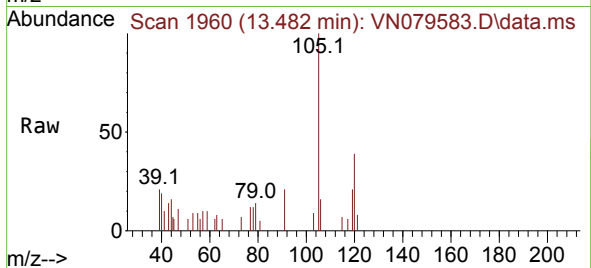
ClientSampleId :

Tgt Ion:105 Resp: 4449

Ion Ratio Lower Upper

105 100

120 45.0 0.0 88.6



#81

sec-Butylbenzene

Concen: 0.227 ug/l

RT: 13.823 min Scan# 2018

Delta R.T. 0.206 min

Lab File: VN079583.D

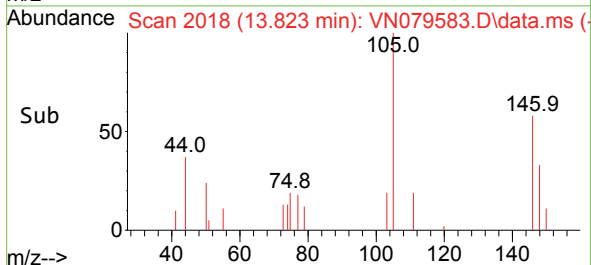
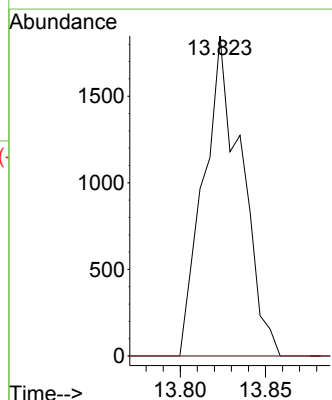
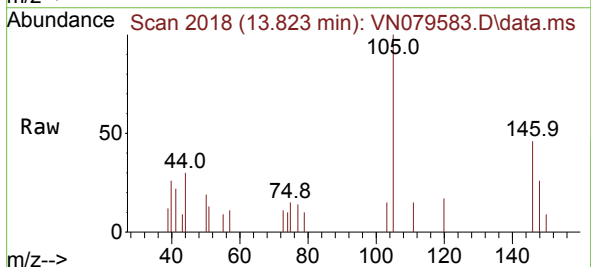
Acq: 17 Oct 2023 15:57

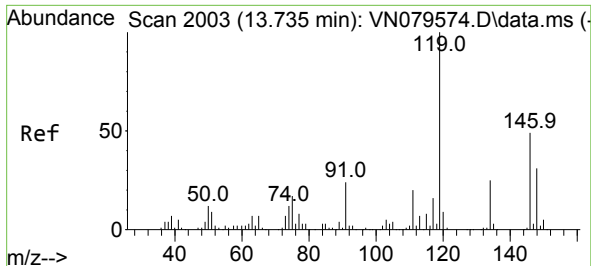
Tgt Ion:105 Resp: 2861

Ion Ratio Lower Upper

105 100

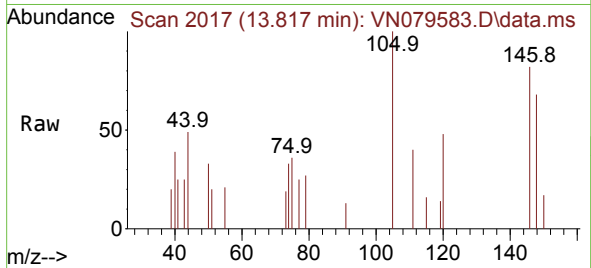
134 18.5 0.0 38.2



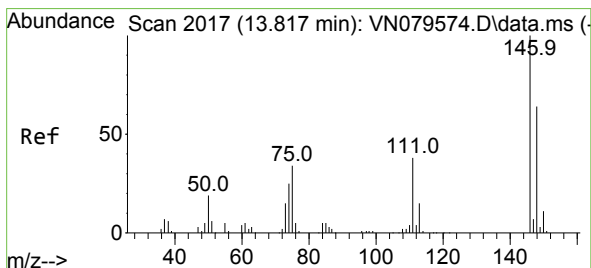
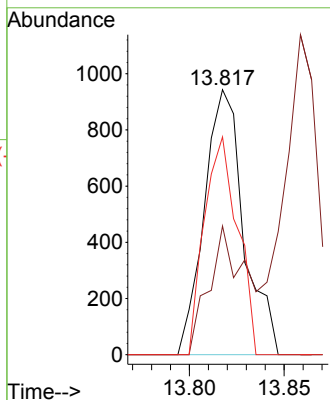
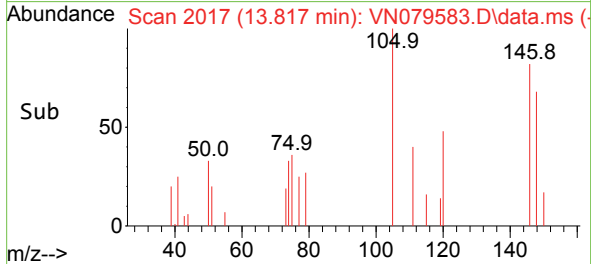


#83
 1,3-Dichlorobenzene
 Concen: 0.259 ug/l
 RT: 13.817 min Scan# 20
 Delta R.T. 0.082 min
 Lab File: VN079583.D
 Acq: 17 Oct 2023 15:57

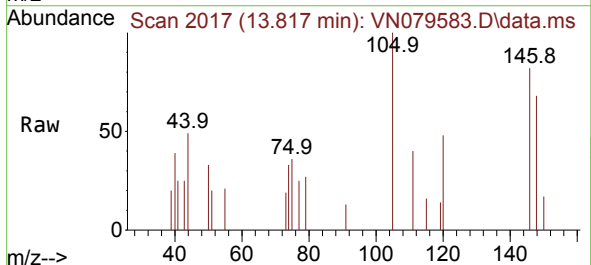
Instrument :
 MSVOA_N
 ClientSampleId :



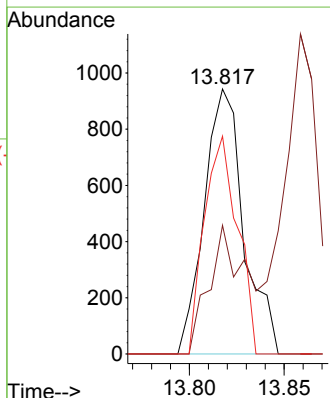
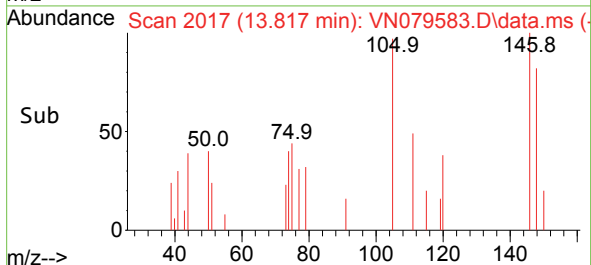
Tgt Ion:146 Resp: 1368
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.0 63.0
 148 69.2 32.4 97.0

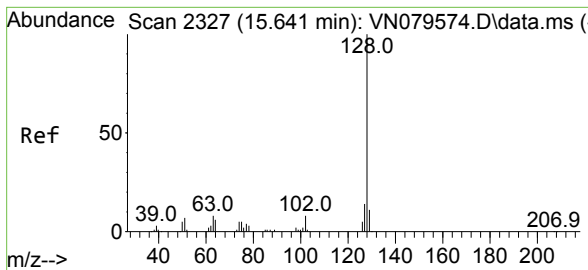


#84
 1,4-Dichlorobenzene
 Concen: 0.270 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079583.D
 Acq: 17 Oct 2023 15:57



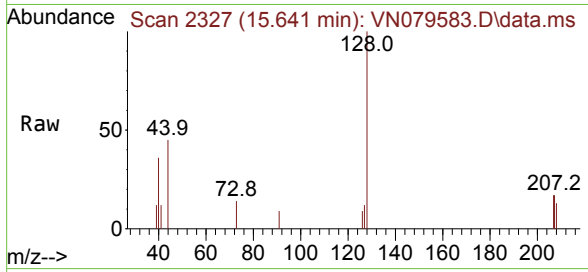
Tgt Ion:146 Resp: 1368
 Ion Ratio Lower Upper
 146 100
 111 44.7 19.9 59.7
 148 69.2 32.6 97.7





#91
 Naphthalene
 Concen: 0.686 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079583.D
 Acq: 17 Oct 2023 15:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	3274
Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.9	16.3#
129	2.0	8.6	12.8#

