

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
 Data File : VU051492.D
 Acq On : 25 Oct 2022 17:39
 Operator : JC/MD
 Sample : N5258-03MEMS
 Misc : 6.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMS

Quant Time: Oct 27 01:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 27 01:27:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	574912	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	590812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	311297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156294	34.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.867	69	50991	13.568	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.140%#
11) 1,1-Dichloroethene-d2	2.530	63	300089	38.644	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.280%
21) 2-Butanone-d5	4.636	46	274519	85.369	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.370%
24) Chloroform-d	5.057	84	336940	40.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.420%
26) 1,2-Dichloroethane-d4	5.697	65	210110	40.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.680%
32) Benzene-d6	5.719	84	677583	42.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
36) 1,2-Dichloropropane-d6	6.687	67	224645	42.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.896	98	627290	43.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
43) trans-1,3-Dichloroprop...	8.182	79	99348	44.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.820%
47) 2-Hexanone-d5	8.649	63	215473	93.371	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.370%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	389704	42.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	250474	42.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	220053	43.796	ug/L	99
3) Chloromethane	1.523	50	273109	42.527	ug/L	97
5) Vinyl chloride	1.601	62	271868	42.774	ug/L	96
6) Bromomethane	1.826	94	76934	23.289	ug/L	98
8) Chloroethane	1.884	64	61309	16.141	ug/L	99
9) Trichlorofluoromethane	2.067	101	292606	39.792	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	199374	44.360	ug/L	99
12) 1,1-Dichloroethene	2.539	96	187547	44.018	ug/L	92
13) Acetone	2.649	43	259861	70.919	ug/L	99
14) Carbon disulfide	2.752	76	591535	42.626	ug/L	100
15) Methyl Acetate	2.951	43	248669	44.874	ug/L	99
16) Methylene chloride	3.028	84	252071	45.072	ug/L	99
17) trans-1,2-Dichloroethene	3.330	96	204315	46.628	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	622463	49.677	ug/L	99
19) 1,1-Dichloroethane	3.854	63	401687	46.477	ug/L	99
20) cis-1,2-Dichloroethene	4.655	96	237695	49.721	ug/L	95
22) 2-Butanone	4.716	43	369234	86.826	ug/L	98
23) Bromochloromethane	4.970	128	127206	47.426	ug/L	97
25) Chloroform	5.083	83	412191	46.260	ug/L	99

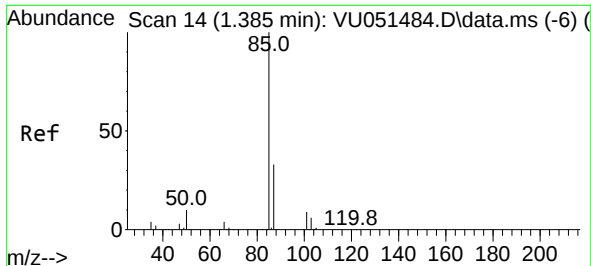
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	323389	46.741	ug/L	99
29) Cyclohexane	5.372	56	323699	52.148	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	315290	44.993	ug/L	98
31) Carbon tetrachloride	5.514	117	265932	44.946	ug/L	99
33) Benzene	5.764	78	940398	48.690	ug/L	100
34) Trichloroethene	6.536	95	230585	49.475	ug/L	96
35) Methylcyclohexane	6.755	83	340922	51.134	ug/L	99
37) 1,2-Dichloropropane	6.790	63	251911	47.561	ug/L	99
38) Bromodichloromethane	7.105	83	314213	46.601	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	348486	49.904	ug/L	99
40) 4-Methyl-2-pentanone	7.809	43	715164	101.053	ug/L	99
42) Toluene	7.967	91	999526	50.430	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	337222	49.622	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	257708	48.750	ug/L	99
46) Tetrachloroethene	8.552	164	463882	133.342	ug/L	97
48) 2-Hexanone	8.697	43	579903	95.891	ug/L	99
49) Dibromochloromethane	8.816	129	263094	48.625	ug/L	98
50) 1,2-Dibromoethane	8.925	107	258120	47.649	ug/L	99
51) Chlorobenzene	9.449	112	634968	48.922	ug/L	99
52) Ethylbenzene	9.571	91	1022195	51.143	ug/L	98
53) m,p-Xylene	9.697	106	402081	52.191	ug/L	100
54) o-Xylene	10.102	106	407288	53.297	ug/L	95
55) Styrene	10.118	104	734730	55.329	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	478317	47.419	ug/L	100
59) Bromoform	10.295	173	205074	47.300	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	363657	45.078	ug/L	100
61) Isopropylbenzene	10.484	105	1020039	52.178	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	861939	51.904	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	859243	52.547	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	486214	48.724	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	496294	48.361	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	502306	48.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	93908	43.129	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	319364	47.708	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	245976	47.727	ug/L	99
71) Naphthalene	14.086	128	803872	48.733	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	273581	49.451	ug/L	97

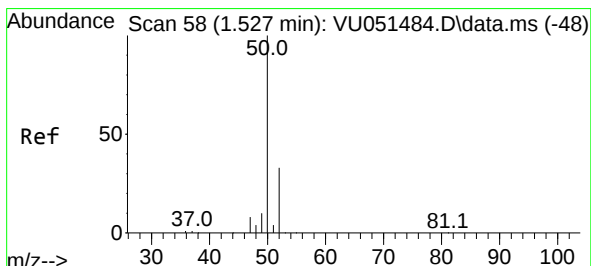
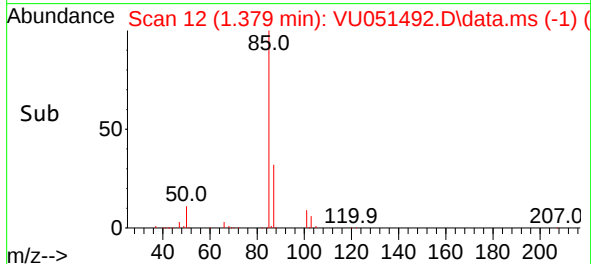
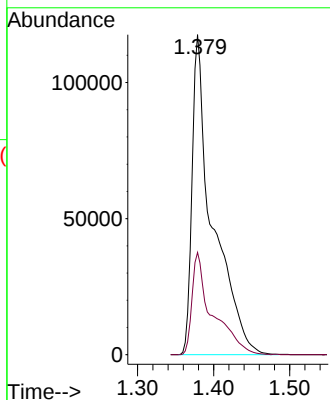
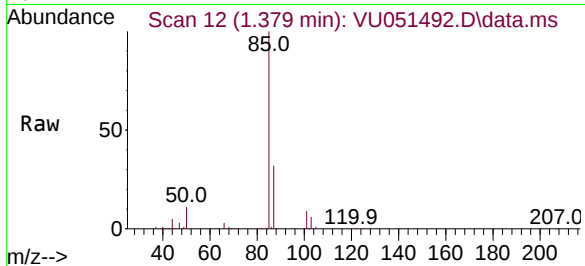
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#2
Dichlorodifluoromethane
Concen: 43.796 ug/L
RT: 1.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

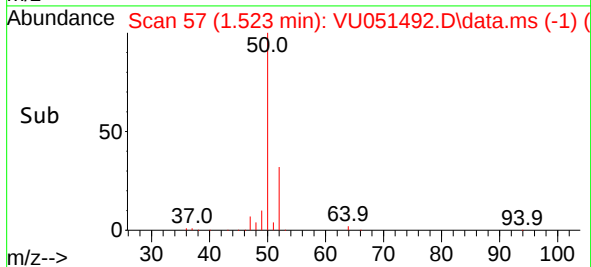
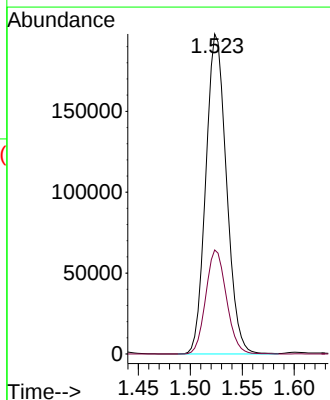
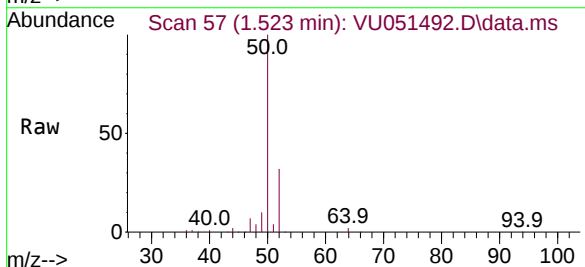
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

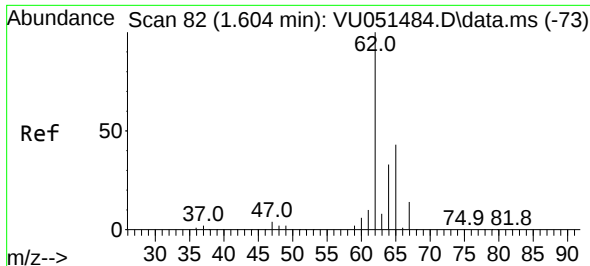
Tgt Ion: 85 Resp: 220053
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 42.527 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 50 Resp: 273109
Ion Ratio Lower Upper
50 100
52 32.5 24.1 44.8

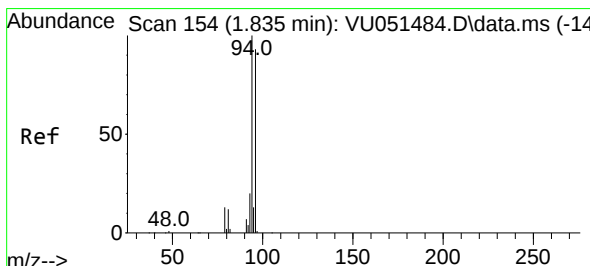
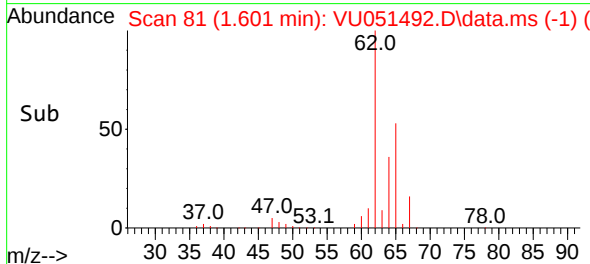
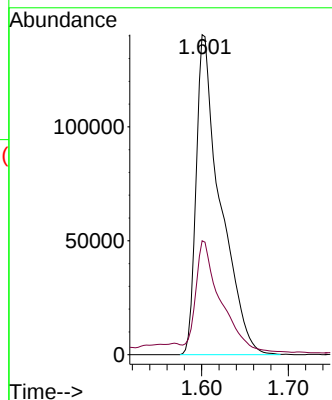
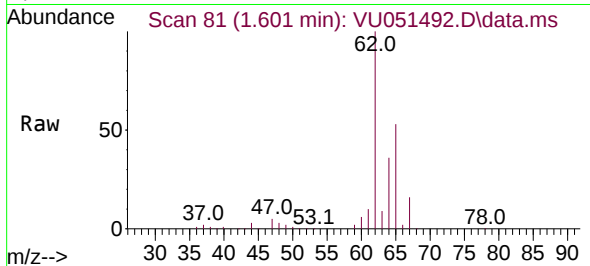




#5
 Vinyl chloride
 Concen: 42.774 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051492.D
 Acq: 25 Oct 2022 17:39

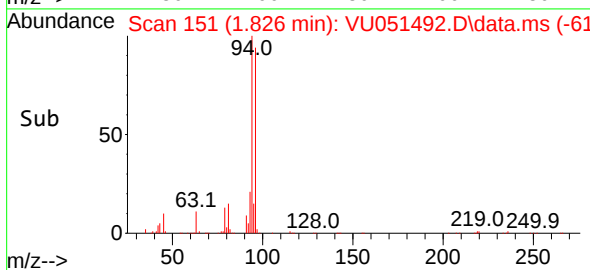
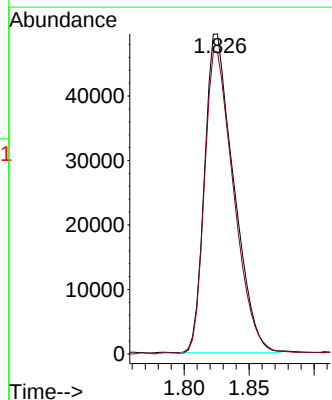
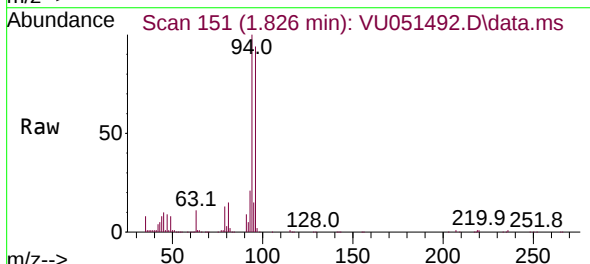
Instrument :
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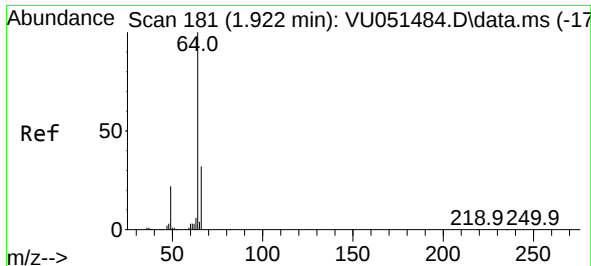
Tgt Ion: 62 Resp: 271868
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.2 43.2



#6
 Bromomethane
 Concen: 23.289 ug/L
 RT: 1.826 min Scan# 151
 Delta R.T. -0.010 min
 Lab File: VU051492.D
 Acq: 25 Oct 2022 17:39

Tgt Ion: 94 Resp: 76934
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.5 119.9

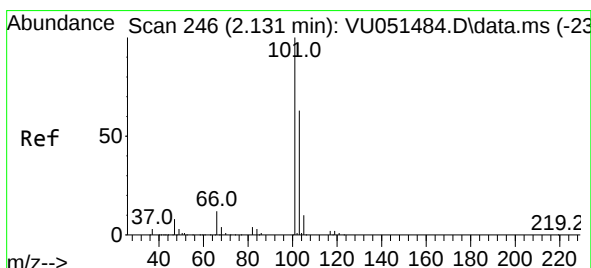
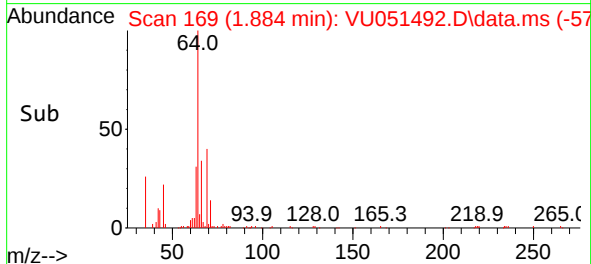
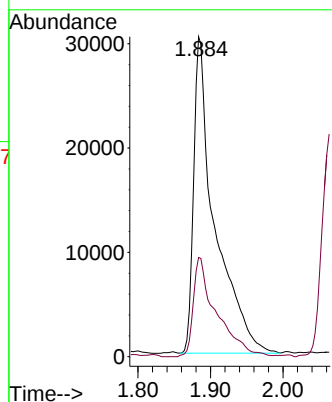
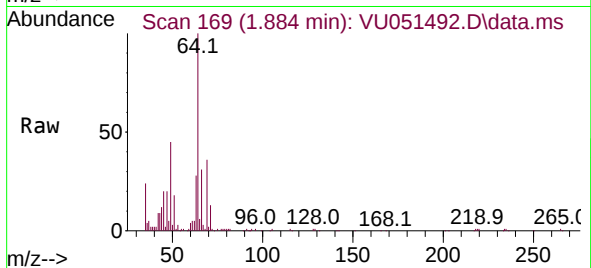




#8
Chloroethane
Concen: 16.141 ug/L
RT: 1.884 min Scan# 10
Delta R.T. -0.039 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

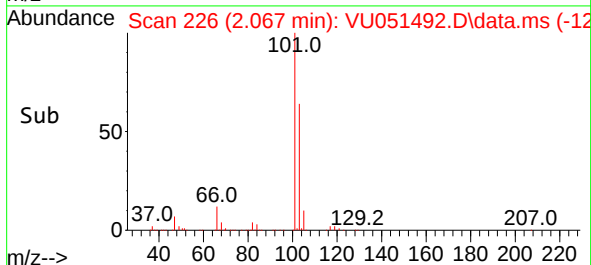
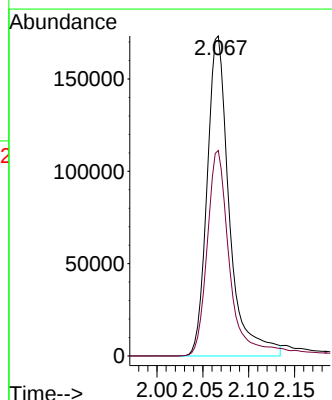
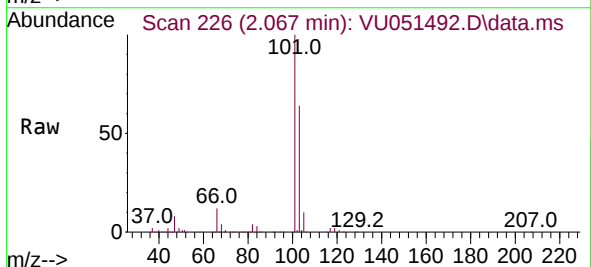
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ClientSampleId :
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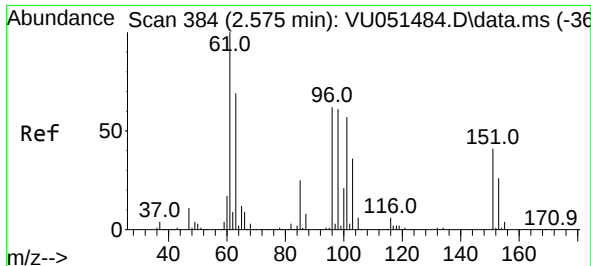
Tgt Ion: 64 Resp: 61309
Ion Ratio Lower Upper
64 100
66 31.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 39.792 ug/L
RT: 2.067 min Scan# 226
Delta R.T. -0.064 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 101 Resp: 292606
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.360 ug/L

RT: 2.536 min Scan# 31

Delta R.T. -0.039 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

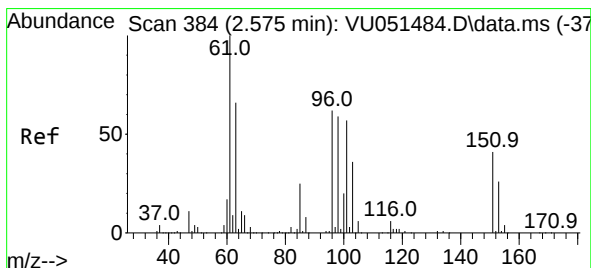
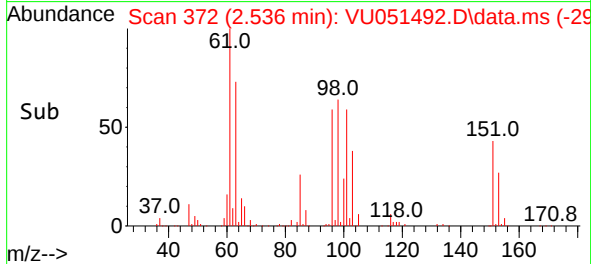
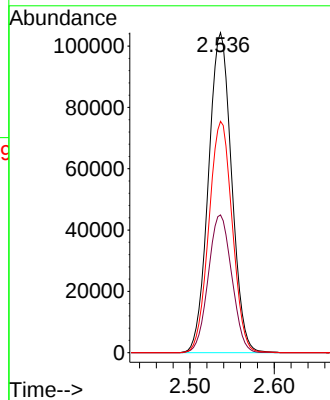
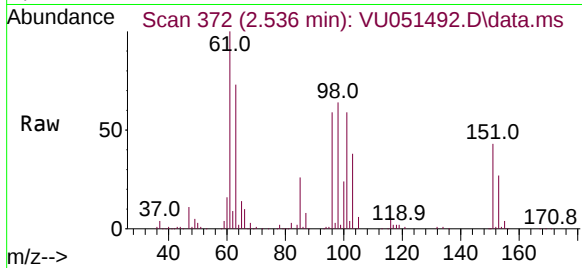
Tgt Ion:101 Resp: 199374

Ion Ratio Lower Upper

101 100

85 43.7 35.2 52.8

151 73.1 57.8 86.8



#12

1,1-Dichloroethene

Concen: 44.018 ug/L

RT: 2.539 min Scan# 373

Delta R.T. -0.035 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

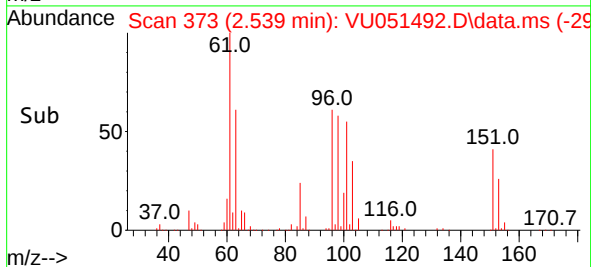
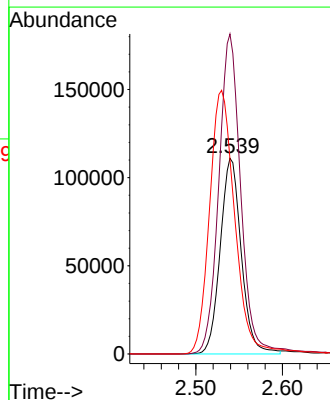
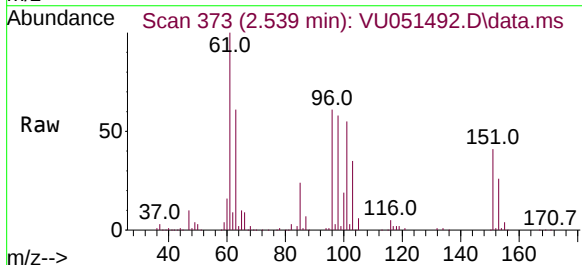
Tgt Ion: 96 Resp: 187547

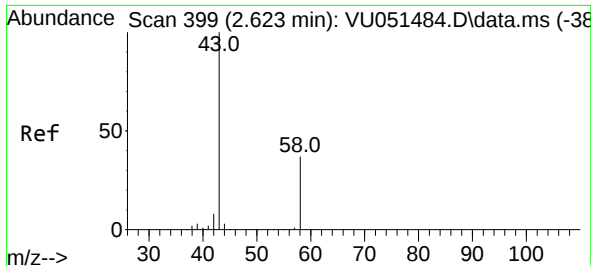
Ion Ratio Lower Upper

96 100

61 163.5 119.0 221.0

63 99.6 78.5 145.7





#13

Acetone

Concen: 70.919 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.026 min

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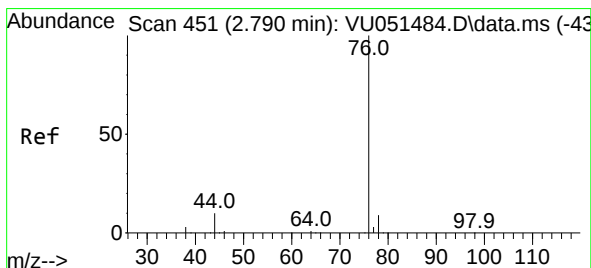
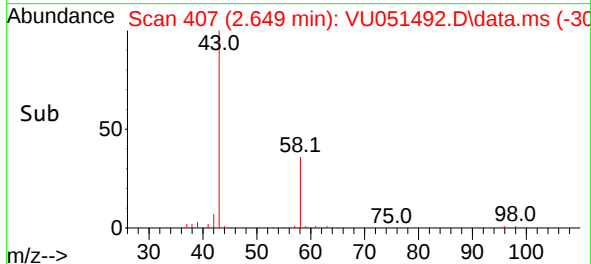
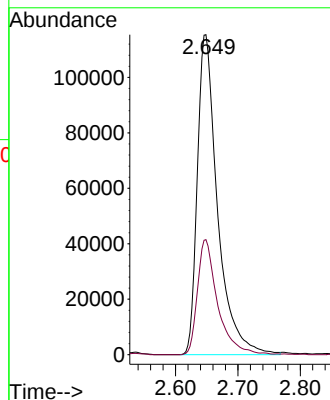
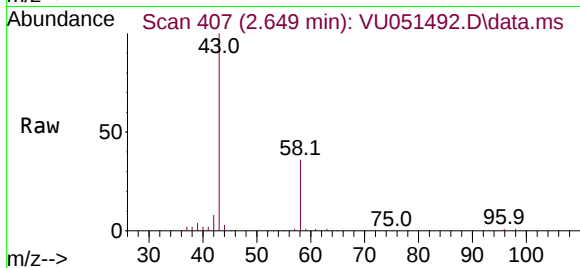
GBLN3MEMS

Tgt Ion: 43 Resp: 259861

Ion Ratio Lower Upper

43 100

58 35.6 0.0 70.2



#14

Carbon disulfide

Concen: 42.626 ug/L

RT: 2.752 min Scan# 439

Delta R.T. -0.039 min

Lab File: VU051492.D

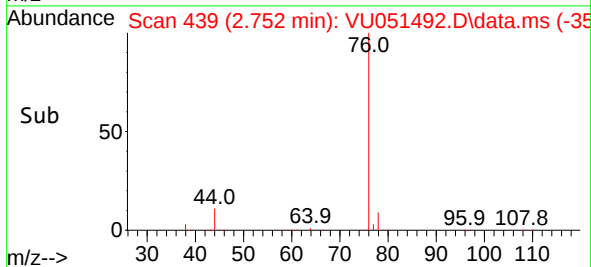
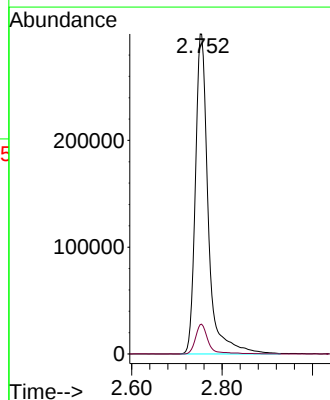
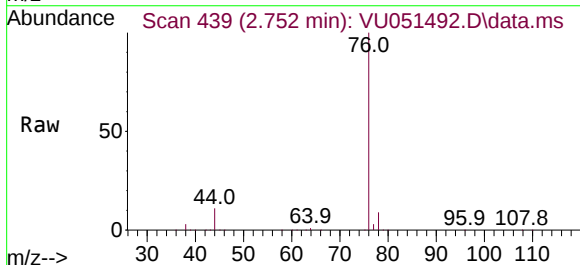
Acq: 25 Oct 2022 17:39

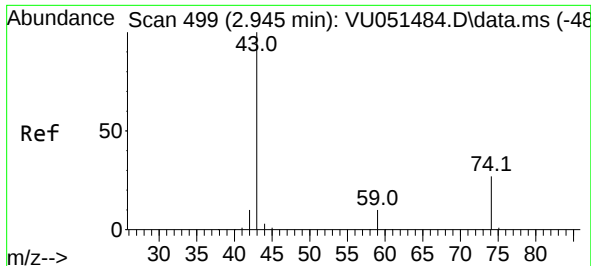
Tgt Ion: 76 Resp: 591535

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

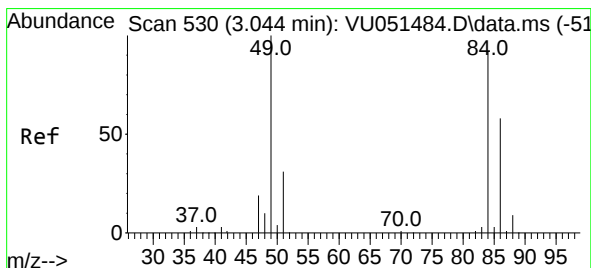
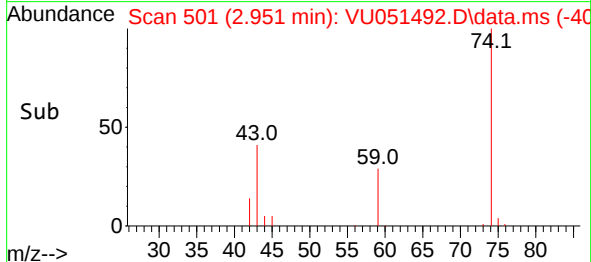
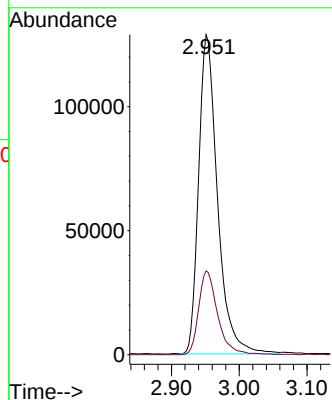
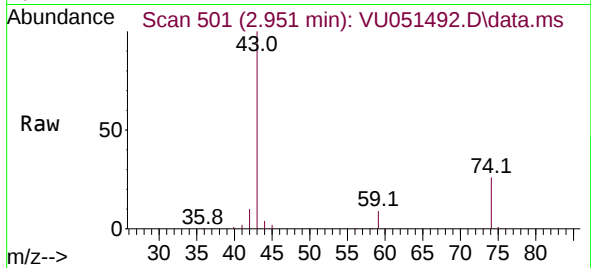




#15
Methyl Acetate
Concen: 44.874 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

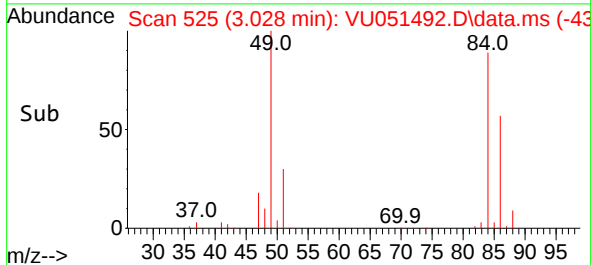
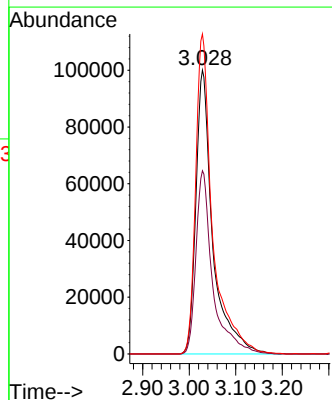
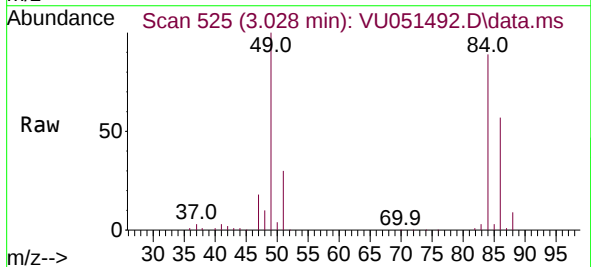
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

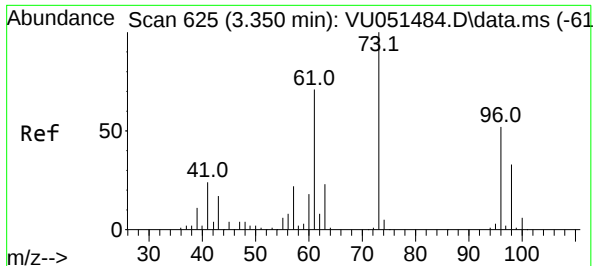
Tgt Ion: 43 Resp: 248669
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7



#16
Methylene chloride
Concen: 45.072 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.016 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 84 Resp: 252071
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 112.7 78.1 145.1





#17

trans-1,2-Dichloroethene

Concen: 46.628 ug/L

RT: 3.330 min Scan# 61

Delta R.T. -0.019 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

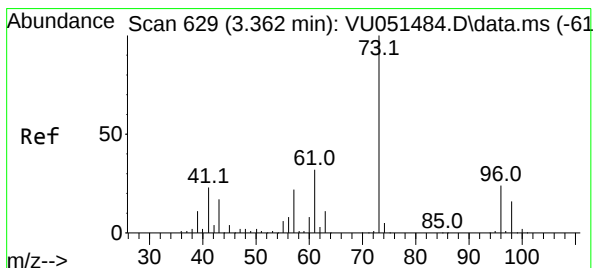
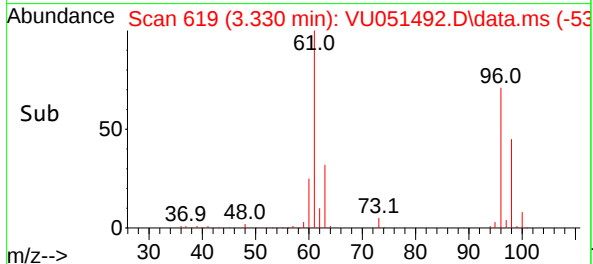
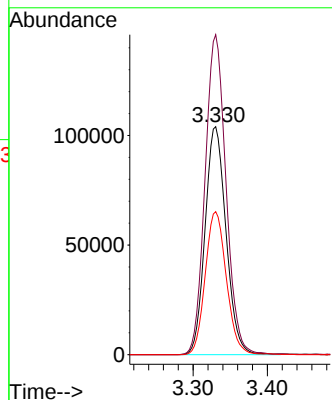
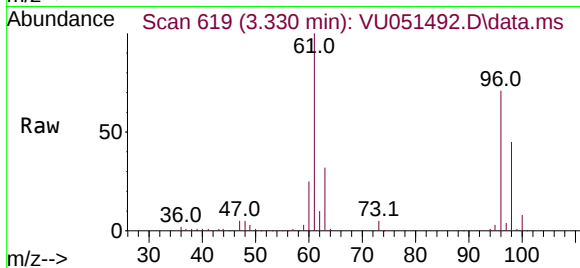
Tgt Ion: 96 Resp: 204315

Ion Ratio Lower Upper

96 100

61 140.3 98.1 182.1

98 62.7 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 49.677 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.006 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

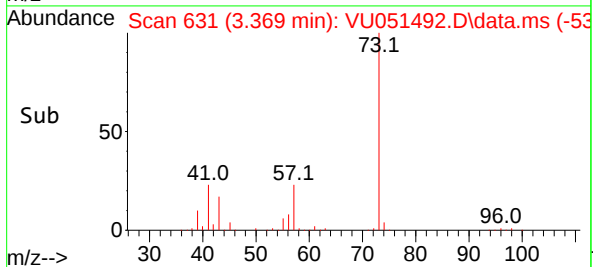
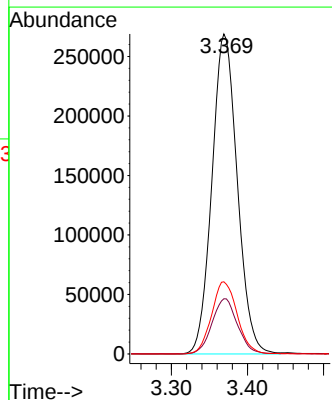
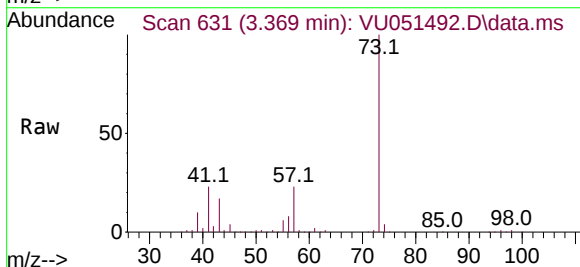
Tgt Ion: 73 Resp: 622463

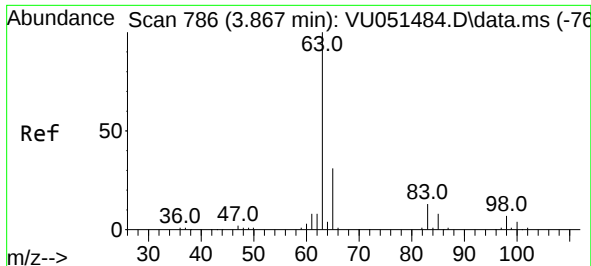
Ion Ratio Lower Upper

73 100

43 17.2 13.9 20.9

57 22.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 46.477 ug/L

RT: 3.854 min Scan# 782

Delta R.T. -0.013 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

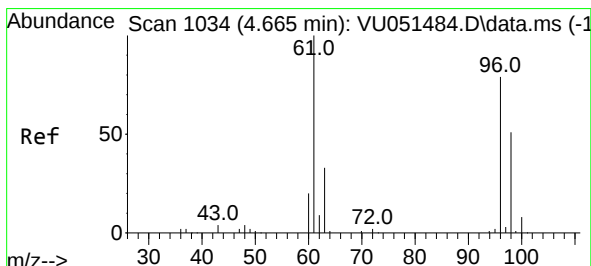
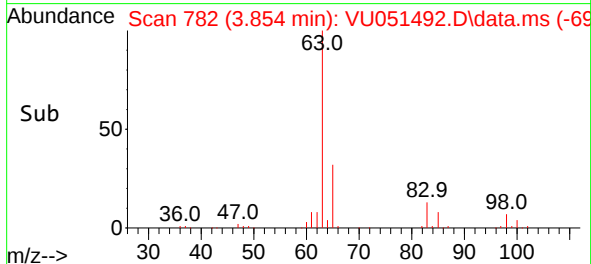
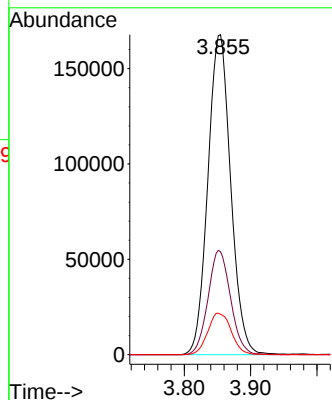
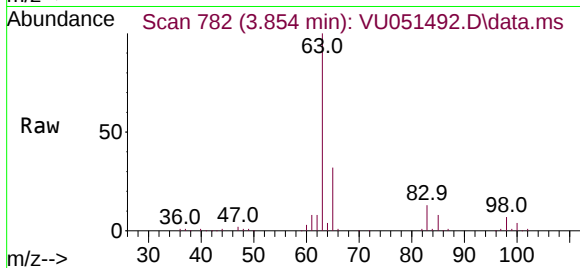
Tgt Ion: 63 Resp: 401687

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 12.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.721 ug/L

RT: 4.655 min Scan# 1031

Delta R.T. -0.010 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

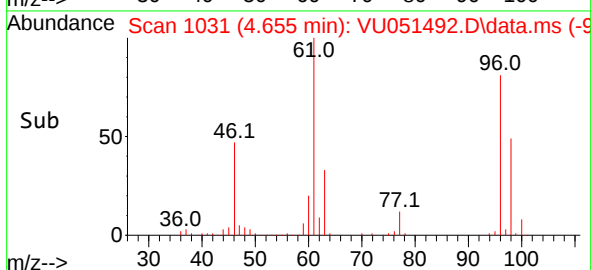
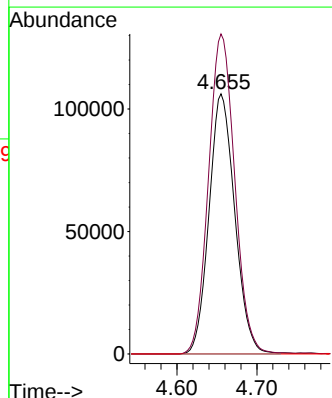
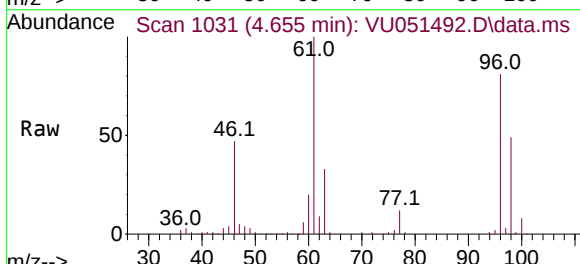
Tgt Ion: 96 Resp: 237695

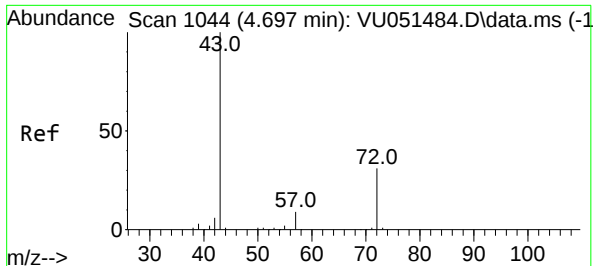
Ion Ratio Lower Upper

96 100

61 123.0 89.7 166.7

68 0.0 0.0 0.0

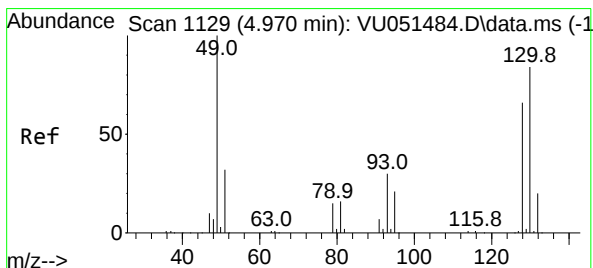
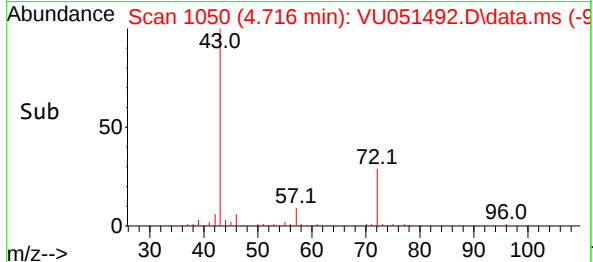
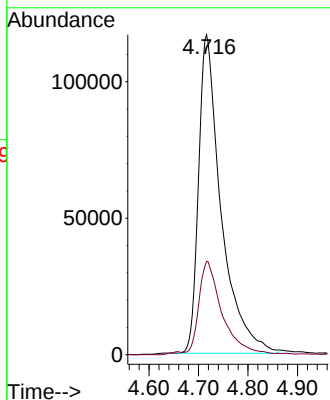
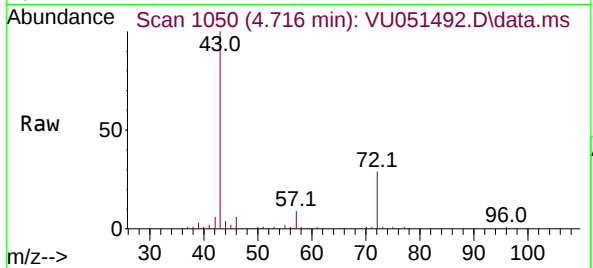




#22
2-Butanone
Concen: 86.826 ug/L
RT: 4.716 min Scan# 11050
Delta R.T. 0.019 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

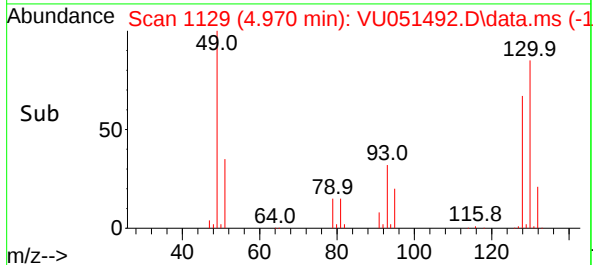
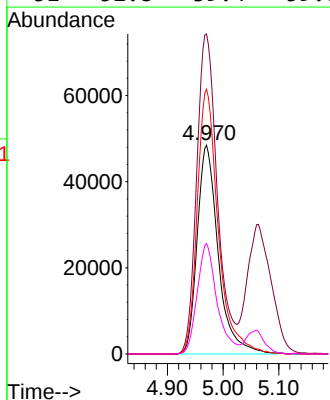
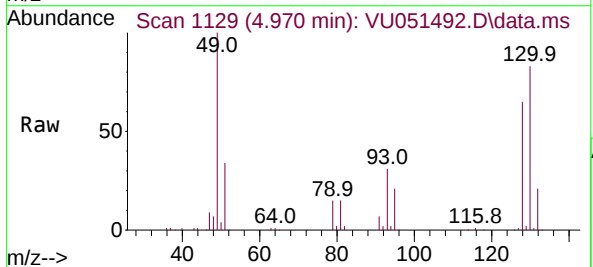
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

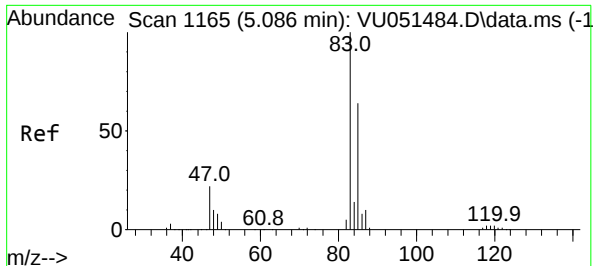
Tgt Ion: 43 Resp: 369234
Ion Ratio Lower Upper
43 100
72 29.3 15.2 45.6



#23
Bromochloromethane
Concen: 47.426 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion:128 Resp: 127206
Ion Ratio Lower Upper
128 100
49 153.2 111.9 207.9
130 126.8 88.2 163.8
51 52.8 39.4 59.0





#25

Chloroform

Concen: 46.260 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

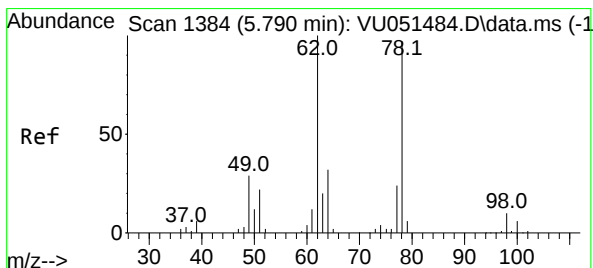
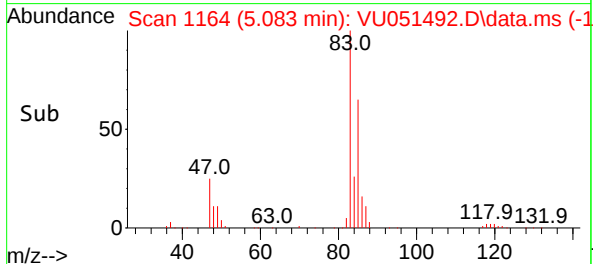
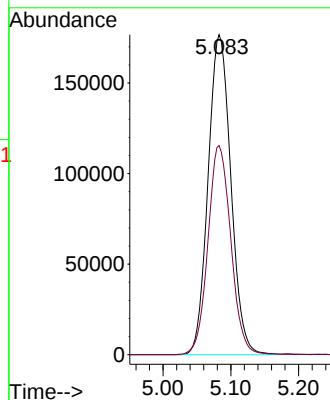
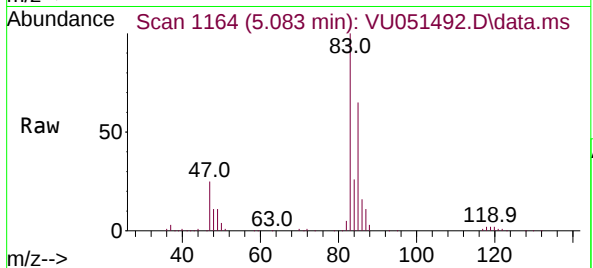
GBLN3MEMS

Tgt Ion: 83 Resp: 412191

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 46.741 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051492.D

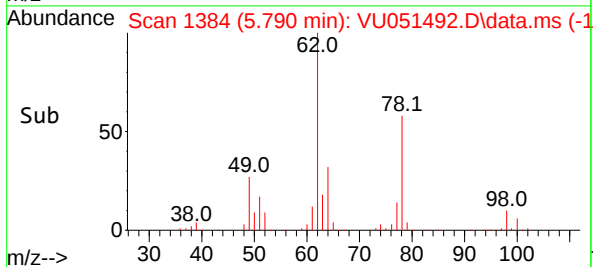
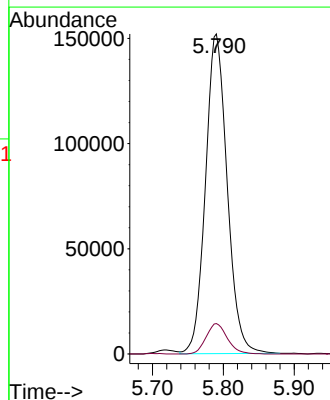
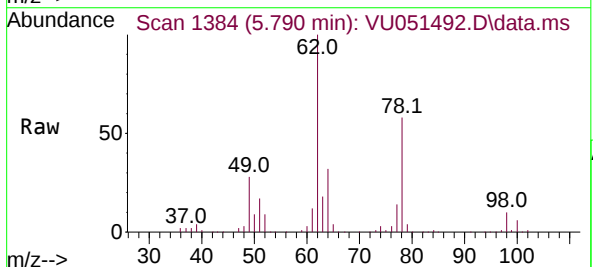
Acq: 25 Oct 2022 17:39

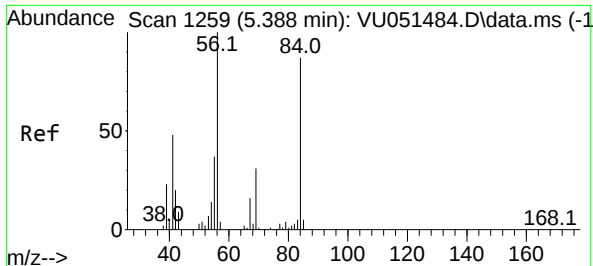
Tgt Ion: 62 Resp: 323389

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 52.148 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.016 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

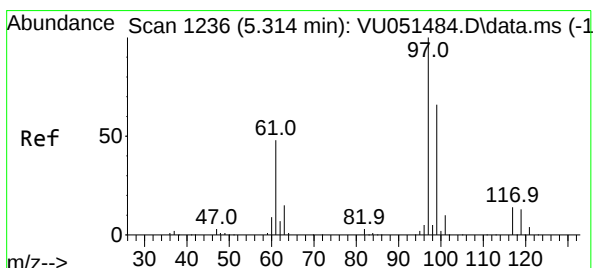
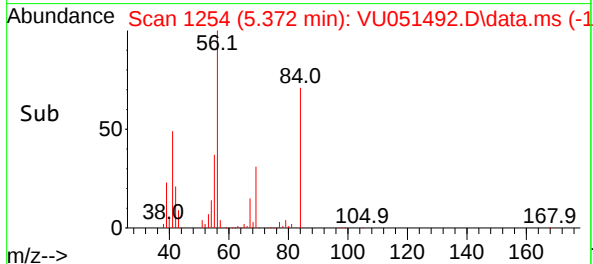
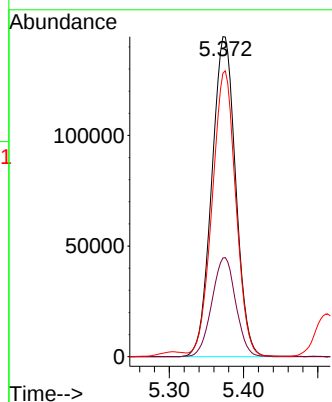
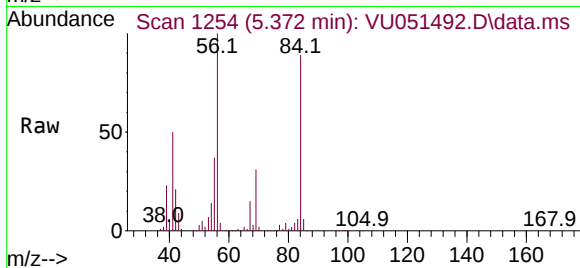
Tgt Ion: 56 Resp: 323699

Ion Ratio Lower Upper

56 100

69 30.9 25.5 38.3

84 88.0 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 44.993 ug/L

RT: 5.305 min Scan# 1233

Delta R.T. -0.010 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

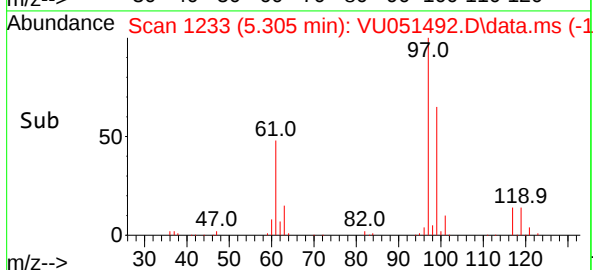
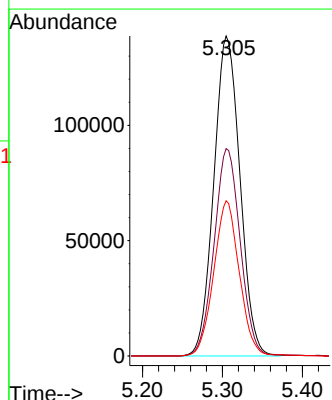
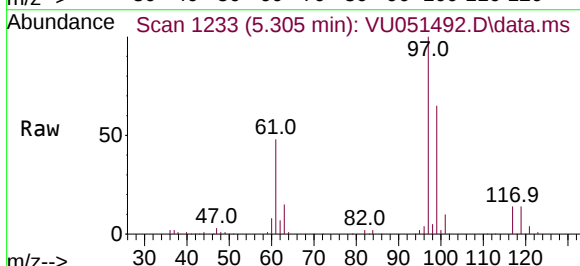
Tgt Ion: 97 Resp: 315290

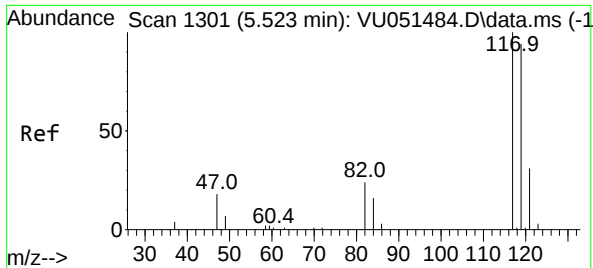
Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 47.3 36.7 55.1

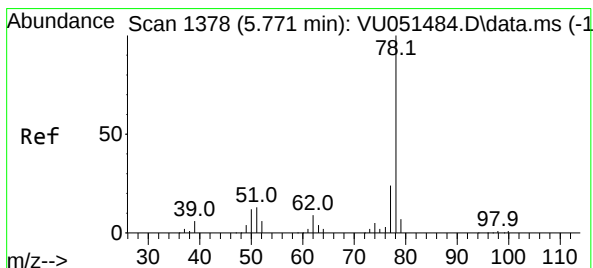
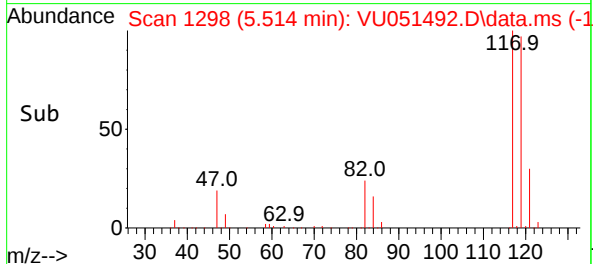
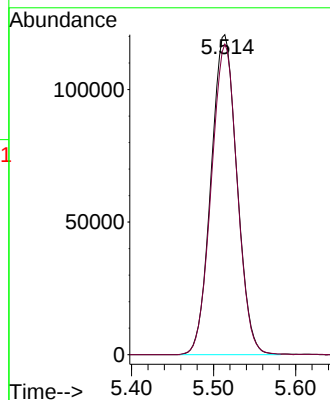
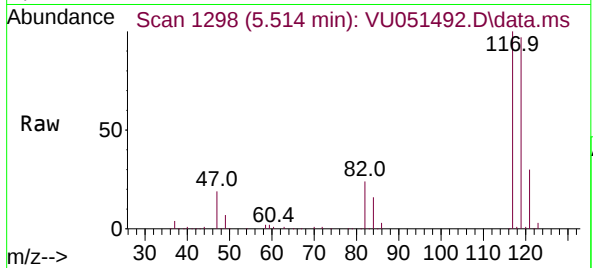




#31
Carbon tetrachloride
Concen: 44.946 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.010 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

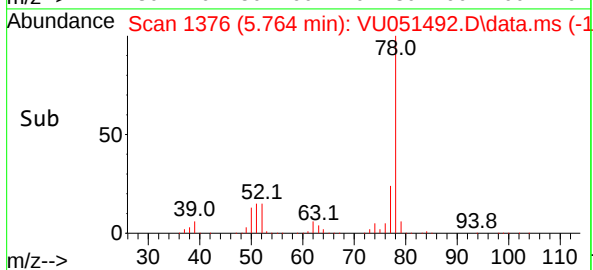
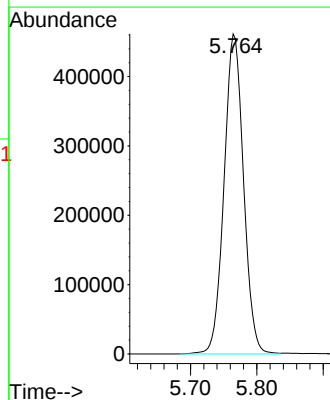
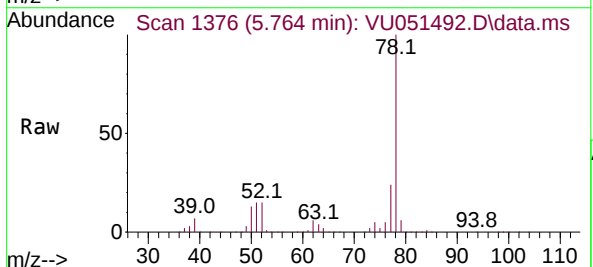
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

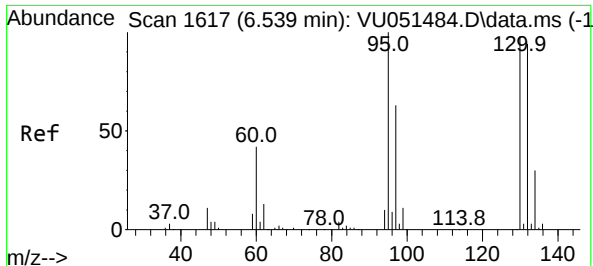
Tgt Ion:117 Resp: 265932
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6



#33
Benzene
Concen: 48.690 ug/L
RT: 5.764 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 78 Resp: 940398

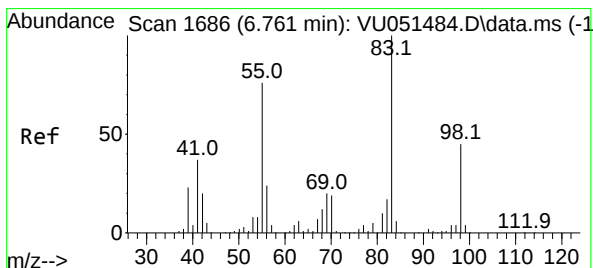
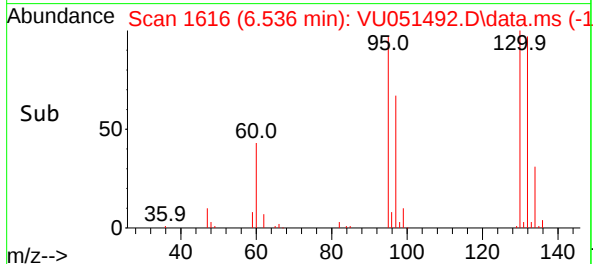
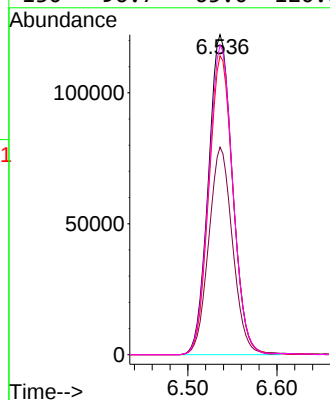
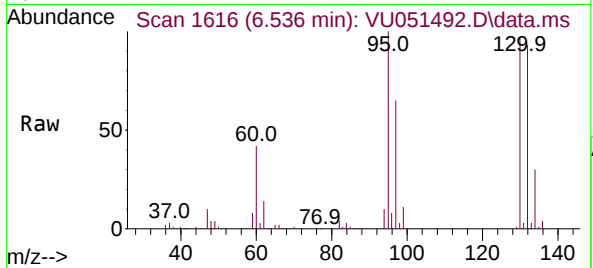




#34
Trichloroethene
Concen: 49.475 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

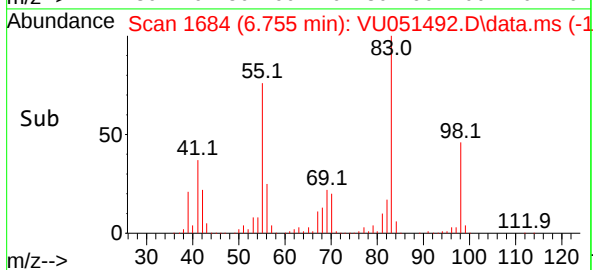
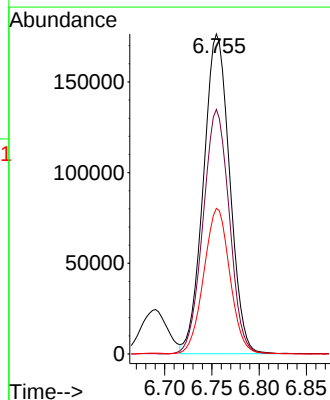
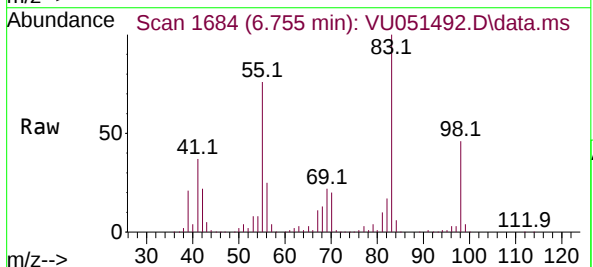
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

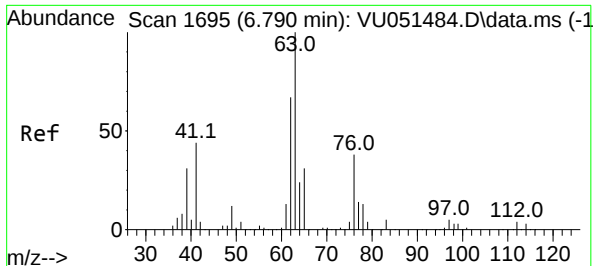
Tgt Ion: 95 Resp: 230585
Ion Ratio Lower Upper
95 100
97 64.8 43.8 81.4
132 93.4 61.9 114.9
130 96.7 65.0 120.8



#35
Methylcyclohexane
Concen: 51.134 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 83 Resp: 340922
Ion Ratio Lower Upper
83 100
55 76.6 62.6 93.8
98 45.4 36.2 54.4

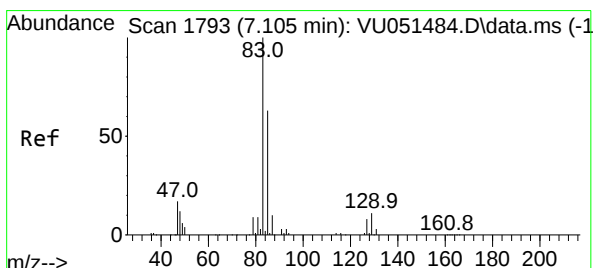
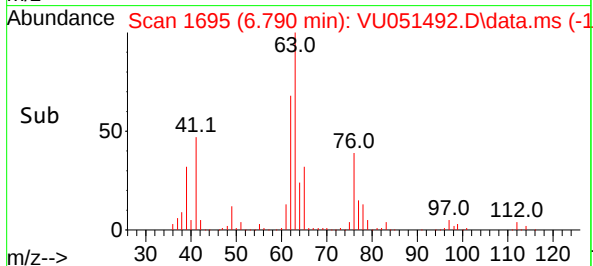
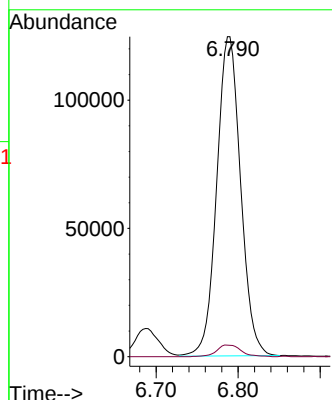
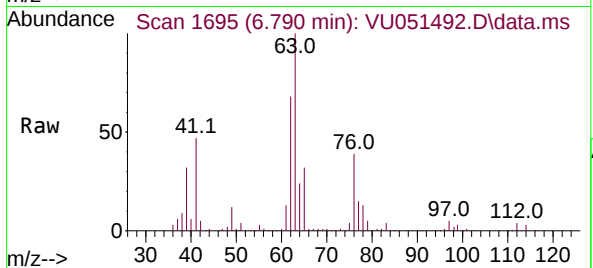




#37
1,2-Dichloropropane
Concen: 47.561 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

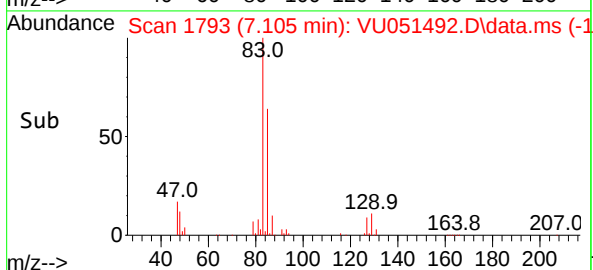
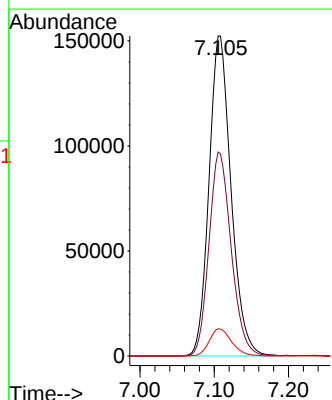
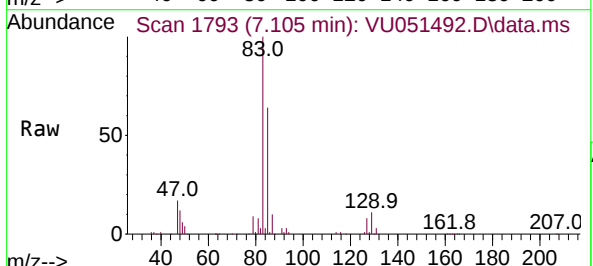
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

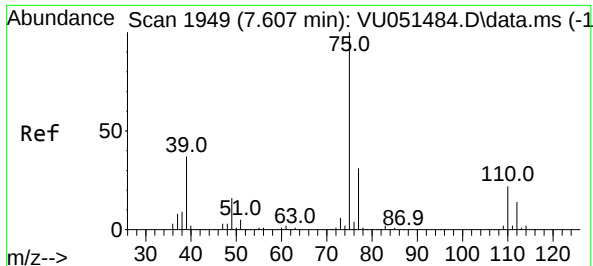
Tgt Ion: 63 Resp: 251911
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 46.601 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 83 Resp: 314213
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.5
127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 49.904 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

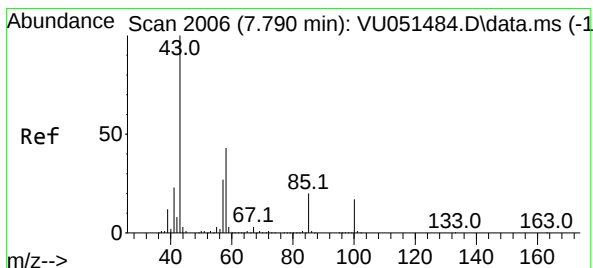
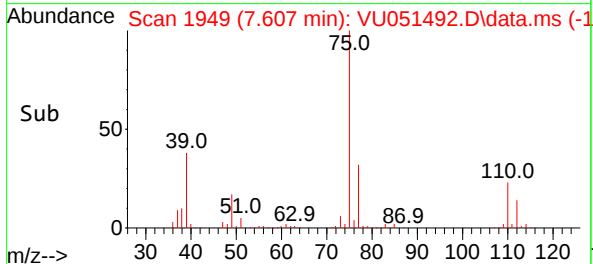
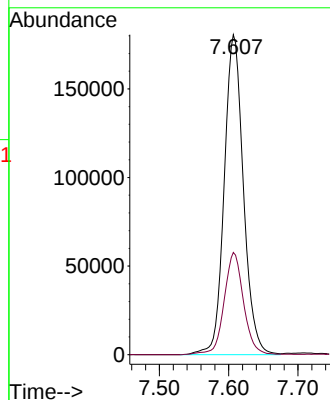
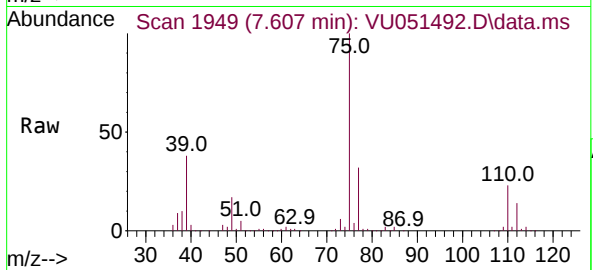
GBLN3MEMS

Tgt Ion: 75 Resp: 348486

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 101.053 ug/L

RT: 7.809 min Scan# 2012

Delta R.T. 0.019 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

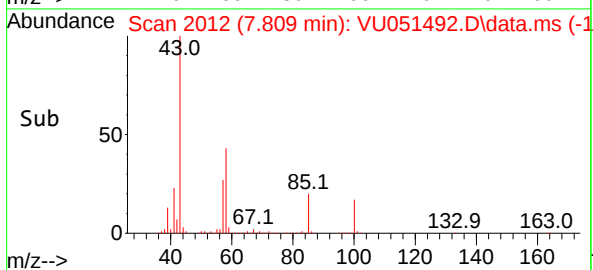
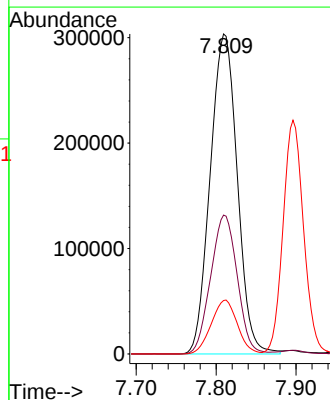
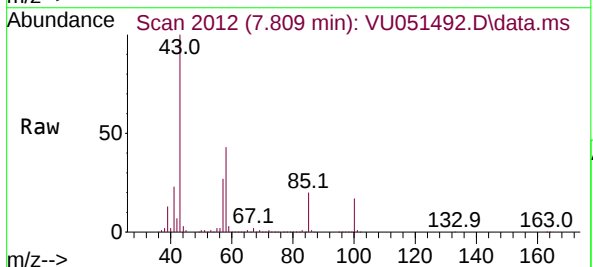
Tgt Ion: 43 Resp: 715164

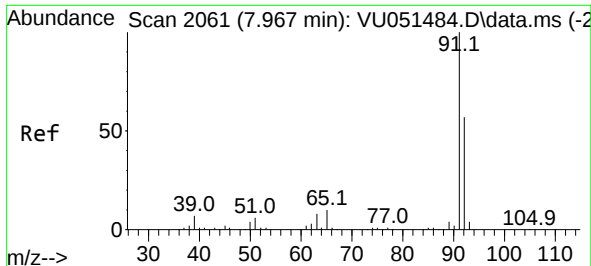
Ion Ratio Lower Upper

43 100

58 42.5 34.4 51.6

100 16.3 12.9 19.3

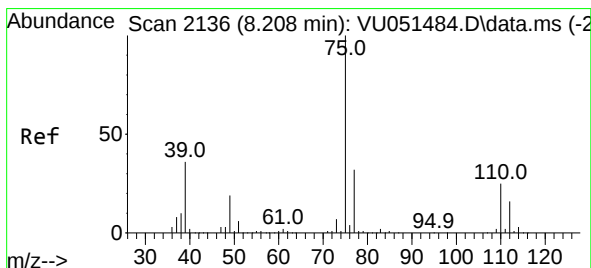
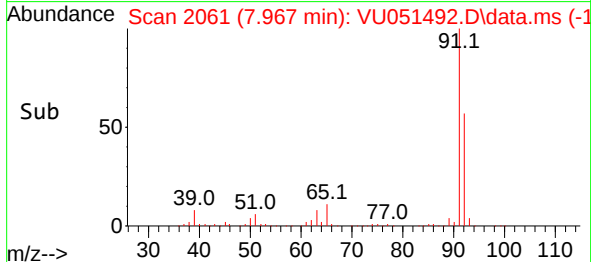
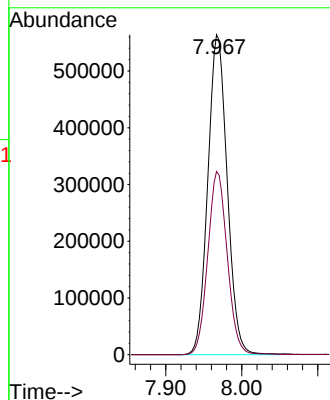
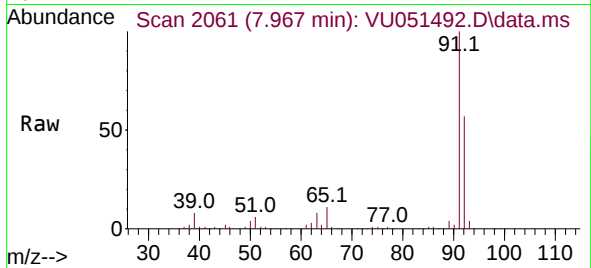




#42
Toluene
Concen: 50.430 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

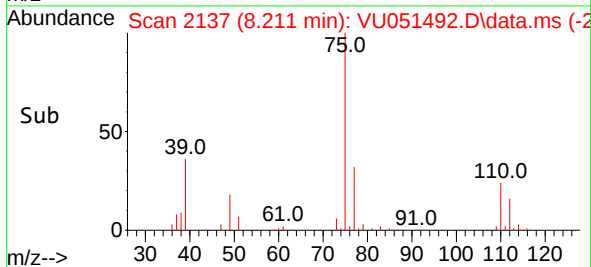
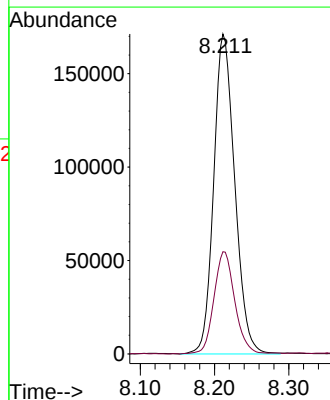
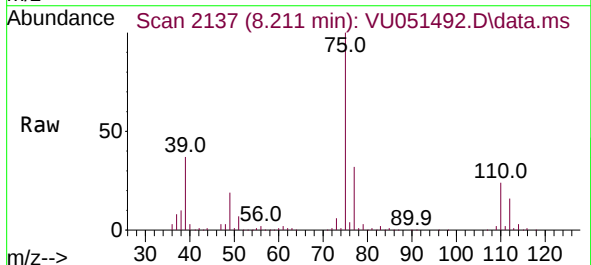
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

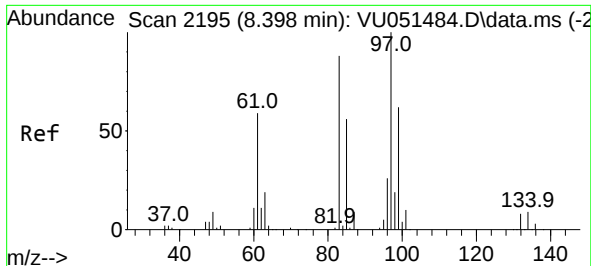
Tgt Ion: 91 Resp: 999526
Ion Ratio Lower Upper
91 100
92 57.2 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 49.622 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 75 Resp: 337222
Ion Ratio Lower Upper
75 100
77 31.9 21.3 39.5





#45

1,1,2-Trichloroethane

Concen: 48.750 ug/L

RT: 8.404 min Scan# 2195

Delta R.T. 0.006 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

Tgt Ion: 97 Resp: 257708

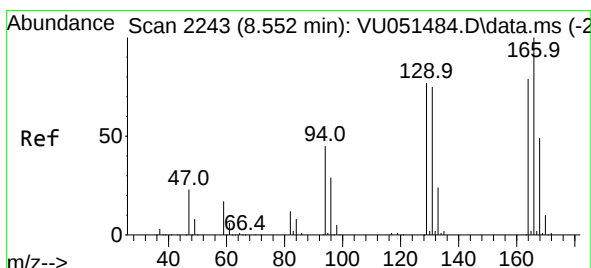
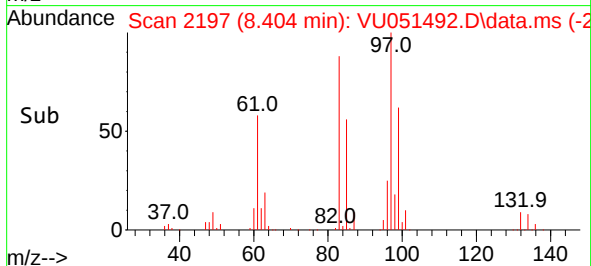
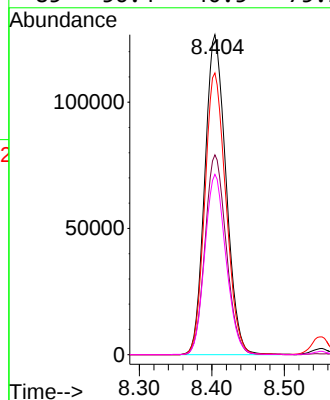
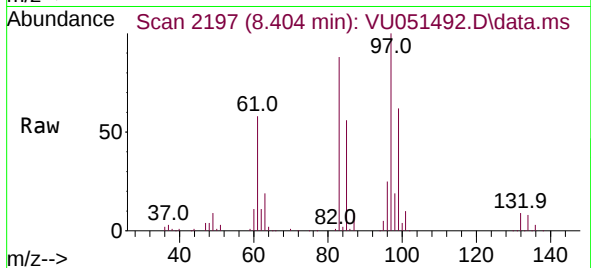
Ion Ratio Lower Upper

97 100

99 62.5 43.6 81.0

83 88.1 61.8 114.8

85 56.4 40.5 75.3



#46

Tetrachloroethene

Concen: 133.342 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Tgt Ion:164 Resp: 463882

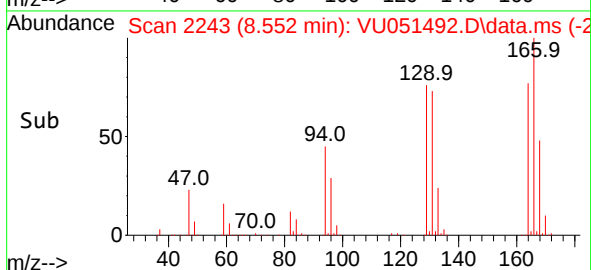
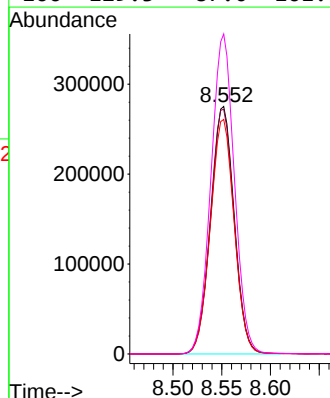
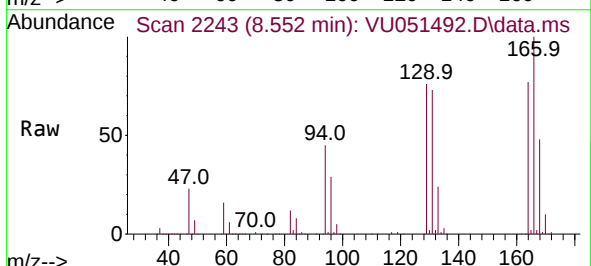
Ion Ratio Lower Upper

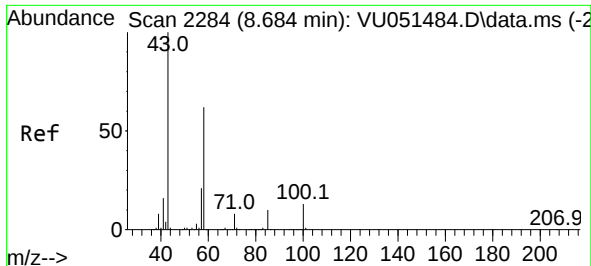
164 100

129 98.8 67.3 124.9

131 94.7 65.2 121.0

166 129.3 87.0 161.6

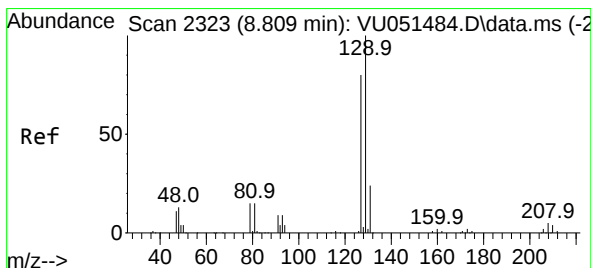
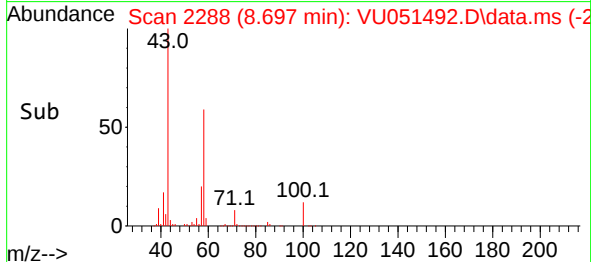
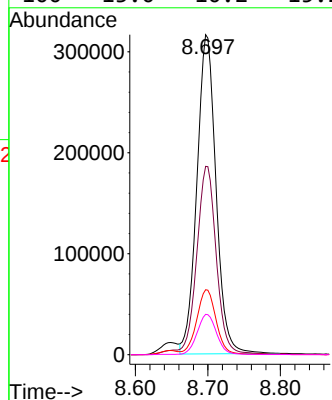
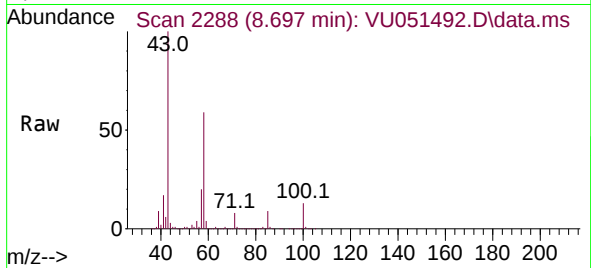




#48
2-Hexanone
Concen: 95.891 ug/L
RT: 8.697 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

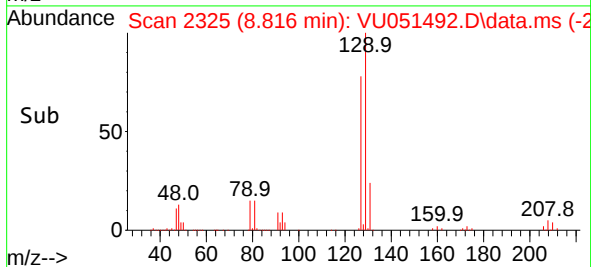
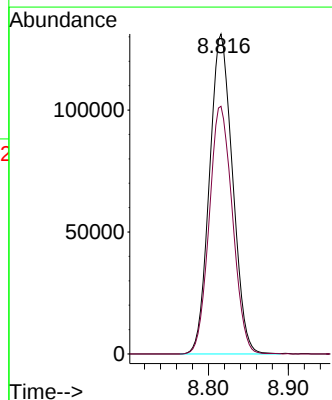
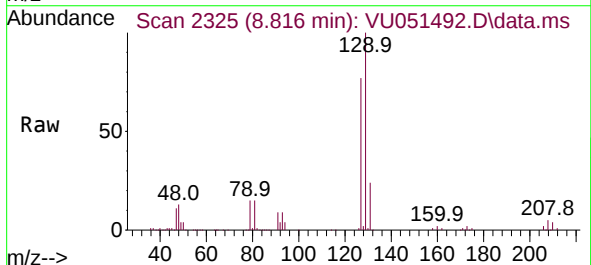
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

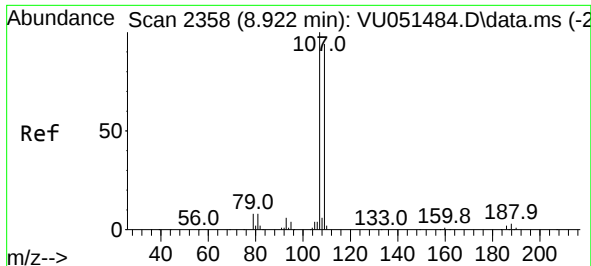
Tgt Ion: 43 Resp: 579903
Ion Ratio Lower Upper
43 100
58 59.7 48.2 72.4
57 20.5 16.4 24.6
100 13.0 10.2 15.2



#49
Dibromochloromethane
Concen: 48.625 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.007 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 129 Resp: 263094
Ion Ratio Lower Upper
129 100
127 77.4 53.1 98.5

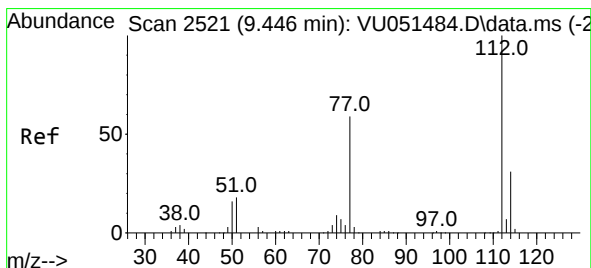
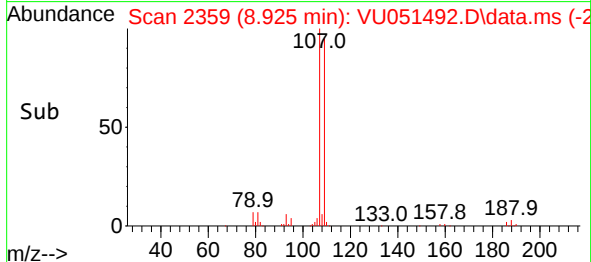
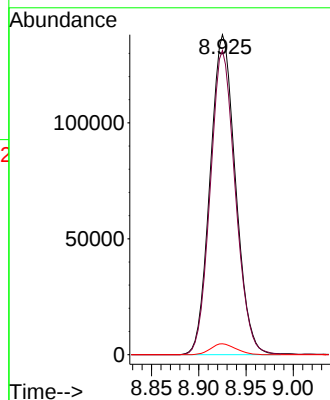
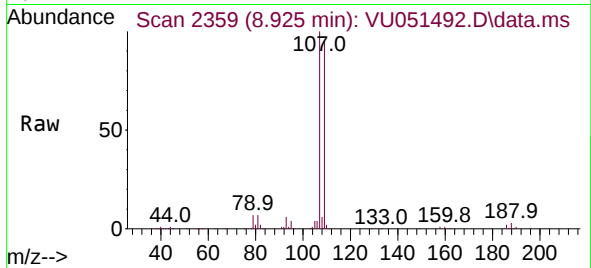




#50
1,2-Dibromoethane
Concen: 47.649 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

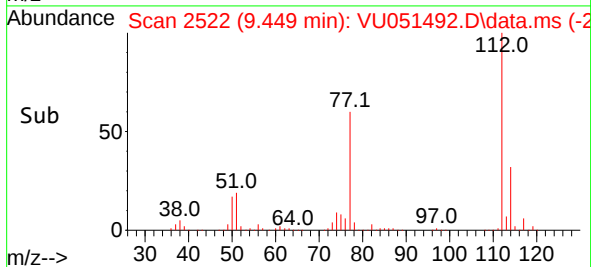
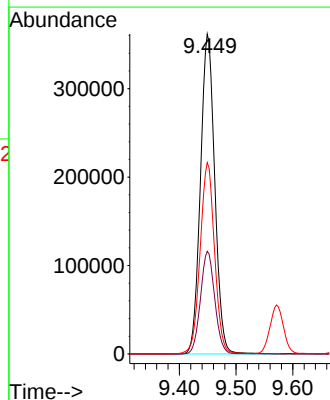
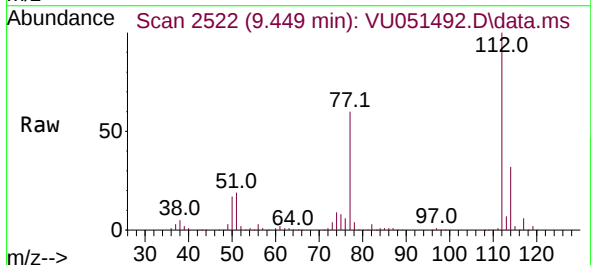
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

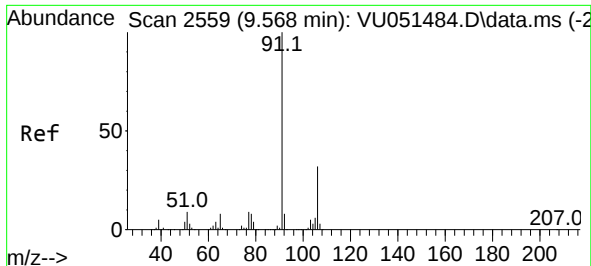
Tgt Ion:107 Resp: 258120
Ion Ratio Lower Upper
107 100
109 95.0 65.8 122.2
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 48.922 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion:112 Resp: 634968
Ion Ratio Lower Upper
112 100
114 32.1 21.9 40.7
77 59.8 47.3 70.9

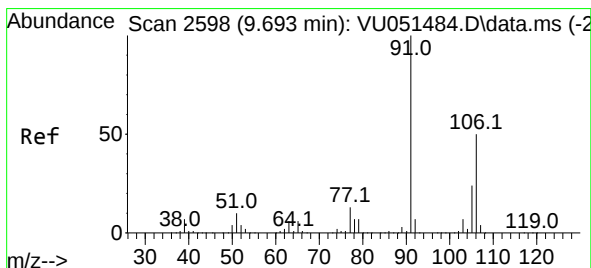
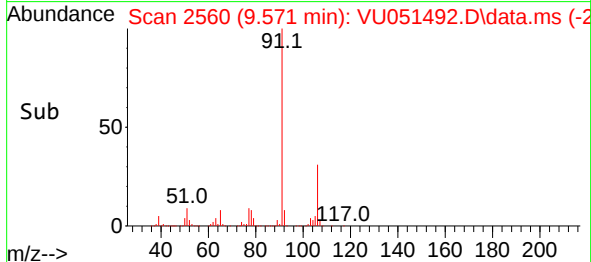
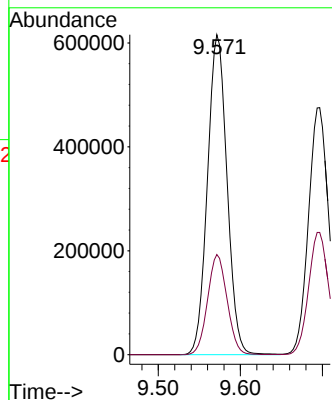
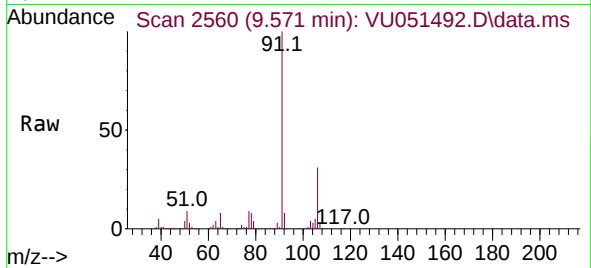




#52
Ethylbenzene
Concen: 51.143 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

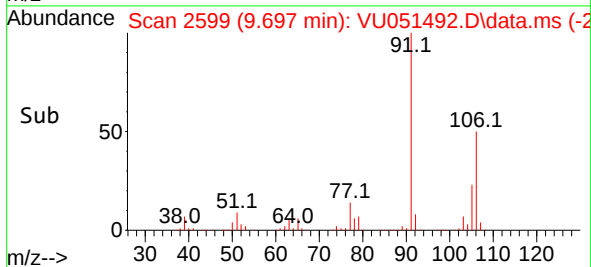
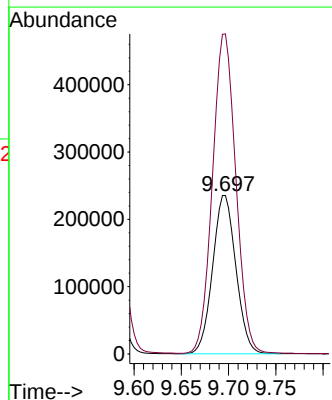
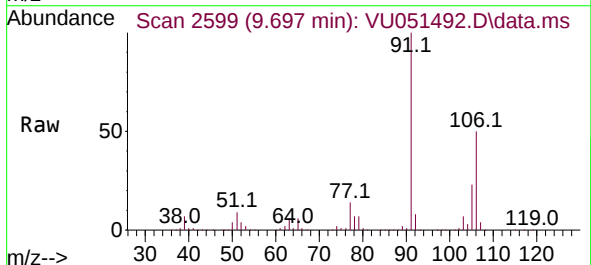
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

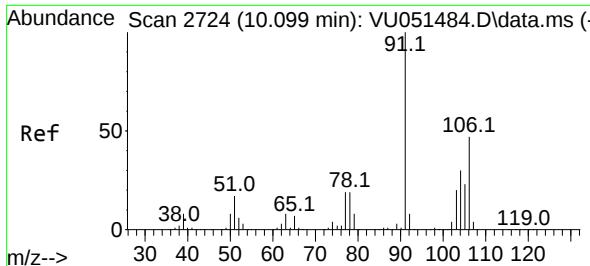
Tgt Ion: 91 Resp: 1022195
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.6



#53
m,p-Xylene
Concen: 52.191 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 106 Resp: 402081
Ion Ratio Lower Upper
106 100
91 202.0 141.3 262.3

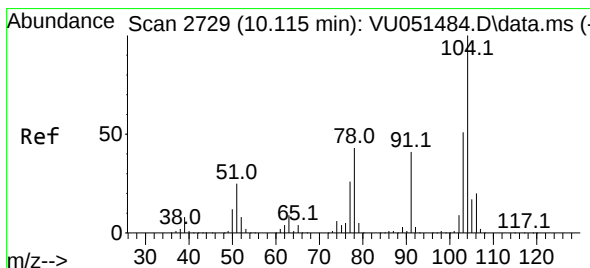
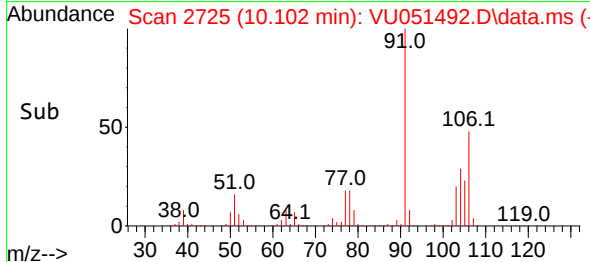
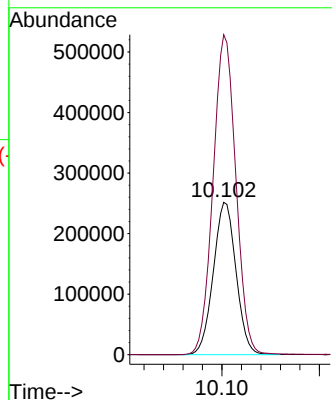
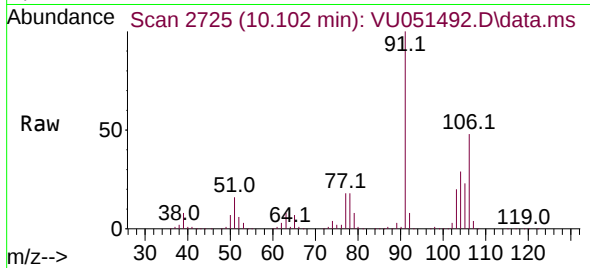




#54
o-Xylene
Concen: 53.297 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

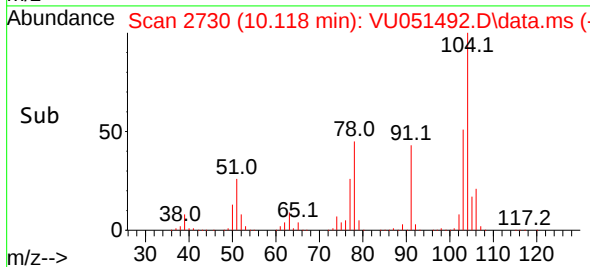
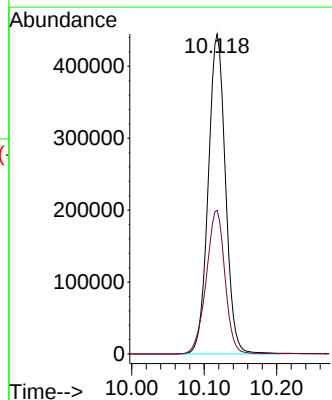
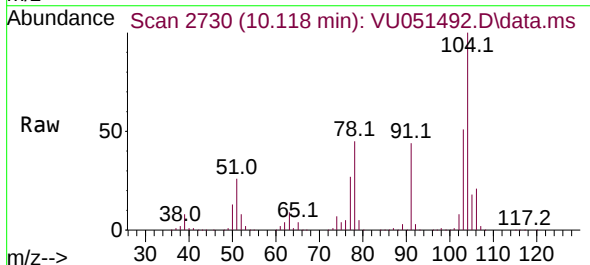
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

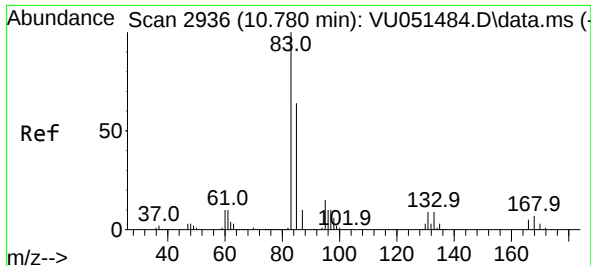
Tgt Ion:106 Resp: 407288
Ion Ratio Lower Upper
106 100
91 210.0 153.2 284.4



#55
Styrene
Concen: 55.329 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion:104 Resp: 734730
Ion Ratio Lower Upper
104 100
78 44.9 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 47.419 ug/L

RT: 10.787 min Scan# 2936

Delta R.T. 0.006 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

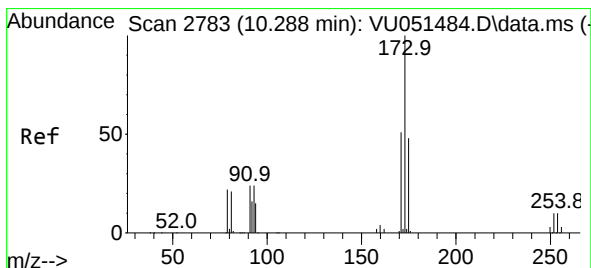
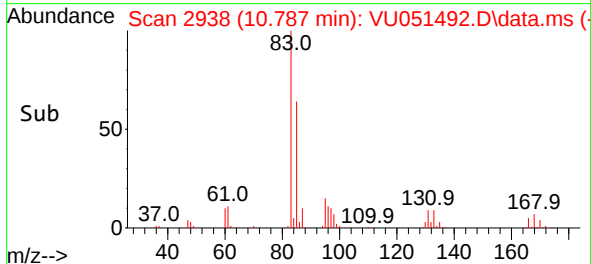
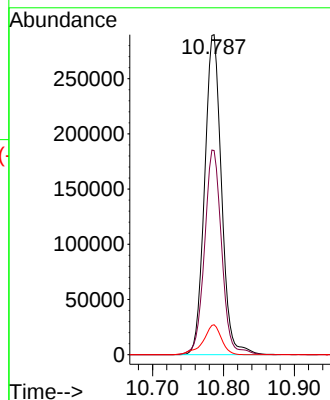
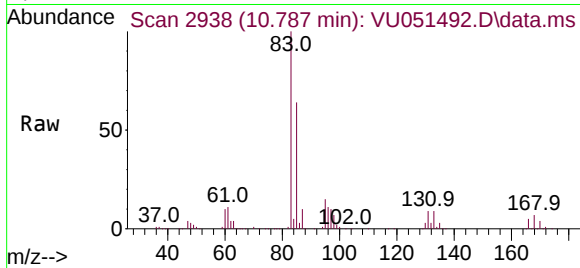
Tgt Ion: 83 Resp: 478317

Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5

131 9.3 7.4 11.2



#59

Bromoform

Concen: 47.300 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.007 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

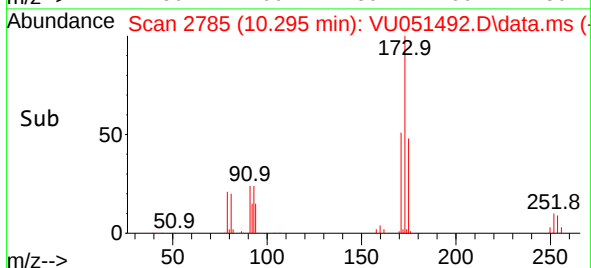
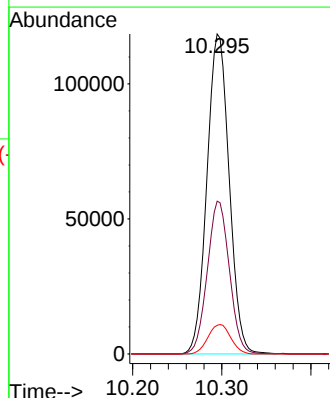
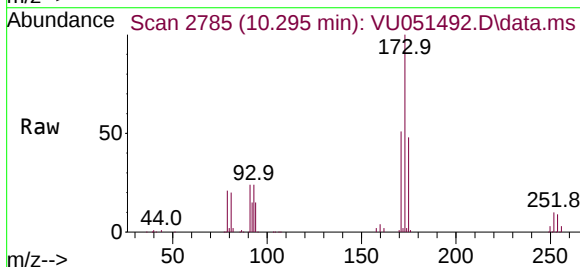
Tgt Ion:173 Resp: 205074

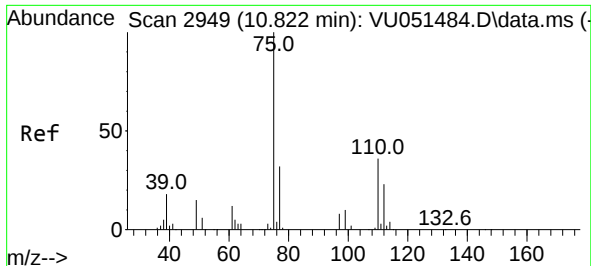
Ion Ratio Lower Upper

173 100

175 47.4 38.4 57.6

254 9.4 7.8 11.6

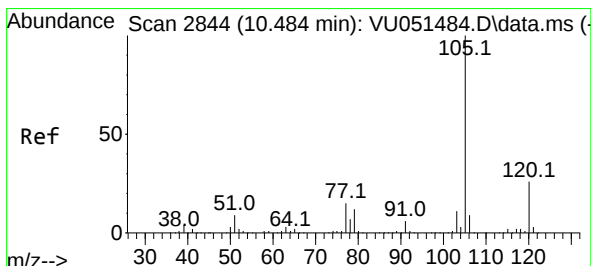
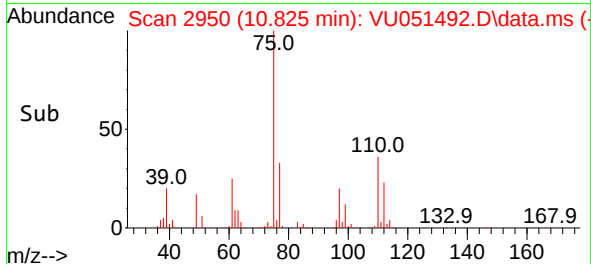
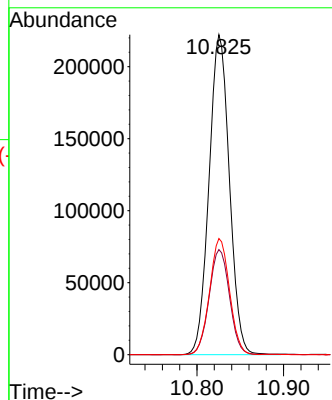
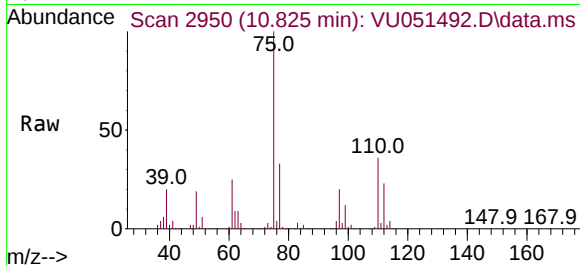




#60
1,2,3-Trichloropropane
Concen: 45.078 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

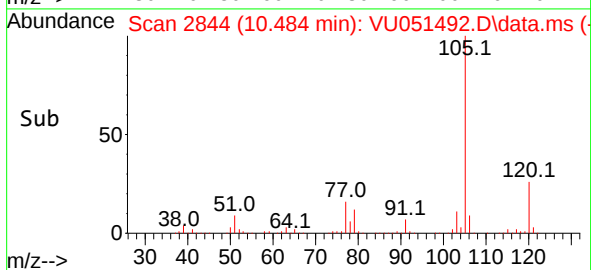
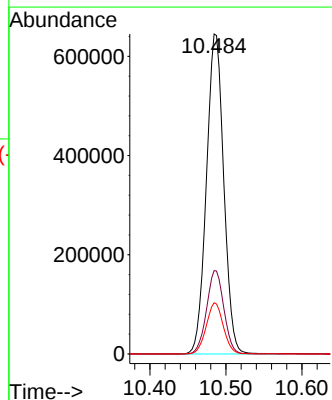
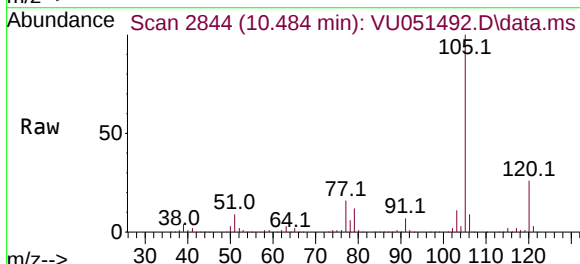
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

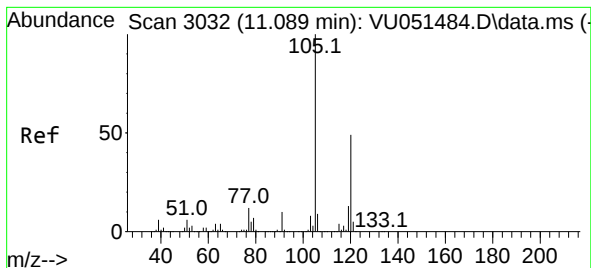
Tgt Ion: 75 Resp: 363657
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 35.6 28.7 43.1



#61
Isopropylbenzene
Concen: 52.178 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion: 105 Resp: 1020039
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.7 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 51.904 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

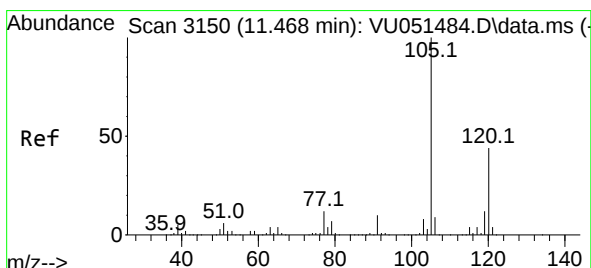
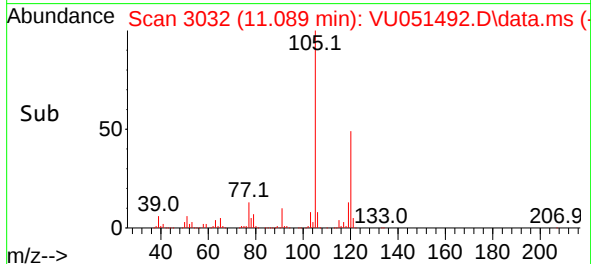
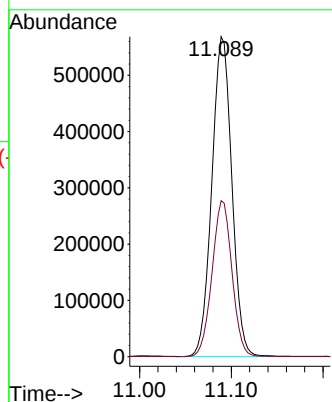
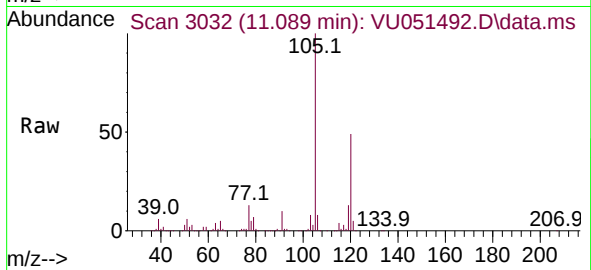
GBLN3MEMS

Tgt Ion:105 Resp: 861939

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 52.547 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU051492.D

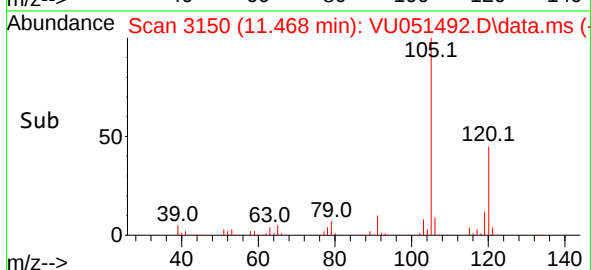
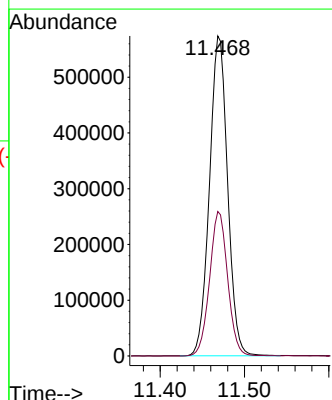
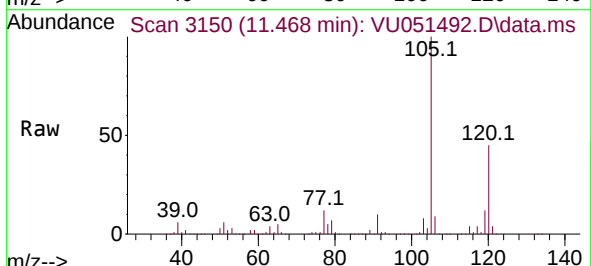
Acq: 25 Oct 2022 17:39

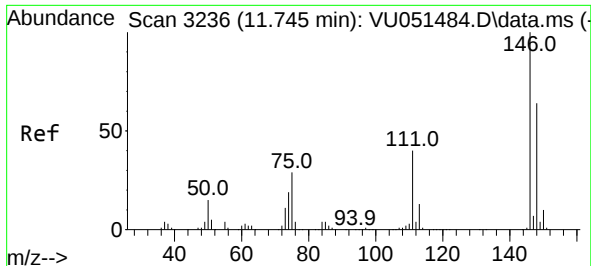
Tgt Ion:105 Resp: 859243

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.0

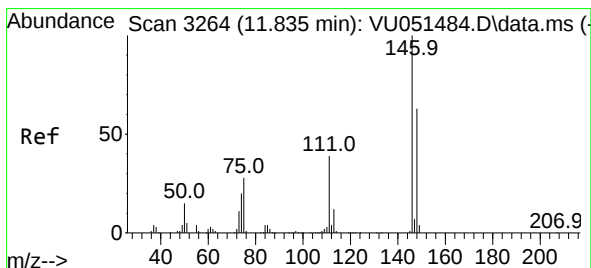
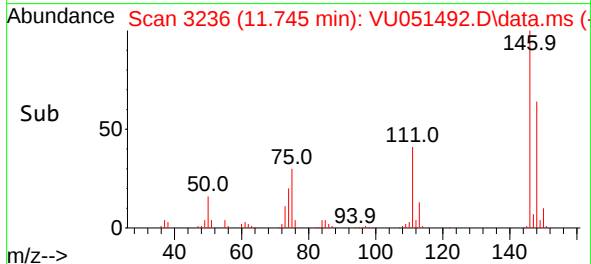
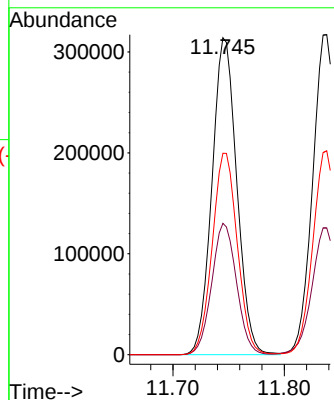
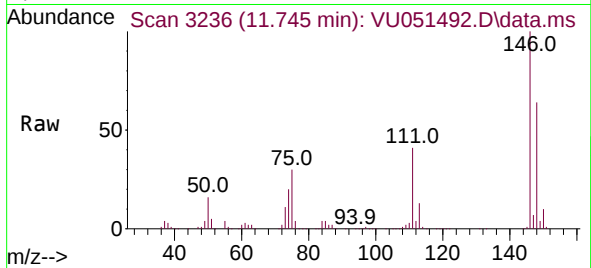




#64
1,3-Dichlorobenzene
Concen: 48.724 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

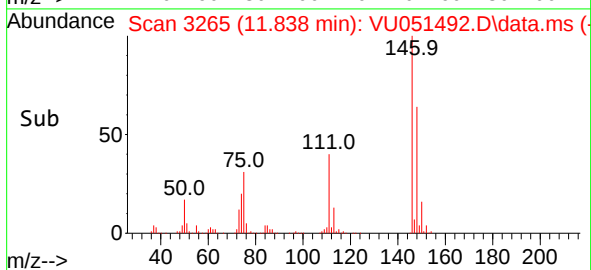
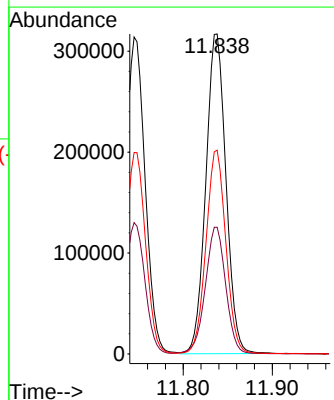
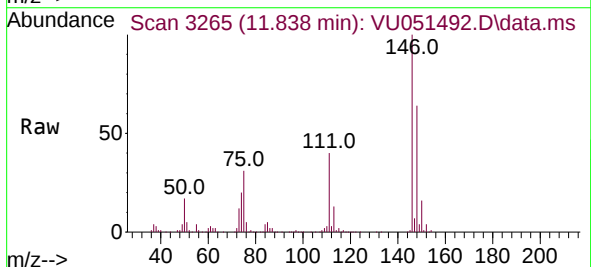
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

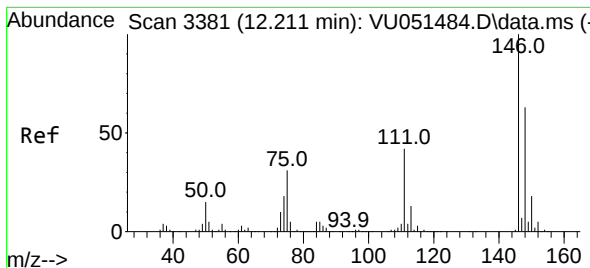
Tgt Ion:146 Resp: 486214
Ion Ratio Lower Upper
146 100
111 41.4 28.7 53.3
148 63.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 48.361 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion:146 Resp: 496294
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 48.323 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

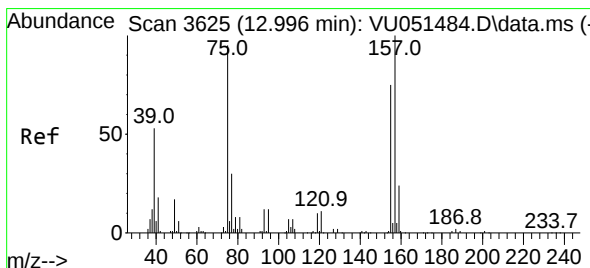
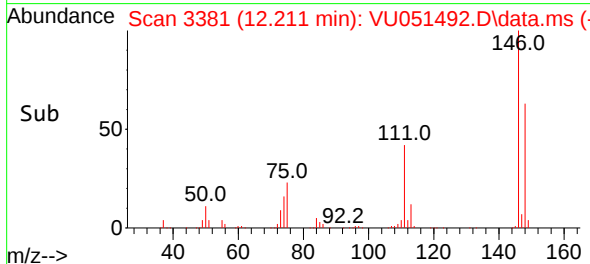
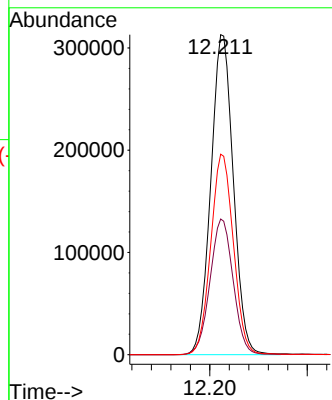
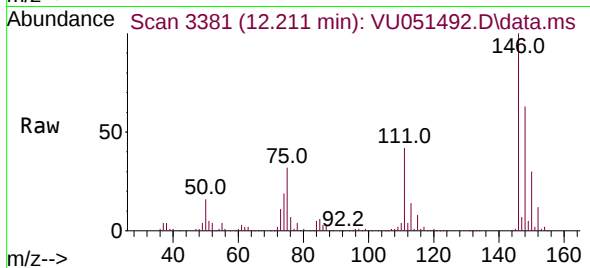
Tgt Ion:146 Resp: 502306

Ion Ratio Lower Upper

146 100

111 42.4 35.3 52.9

148 62.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 43.129 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

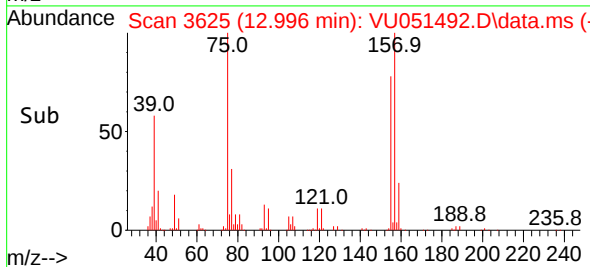
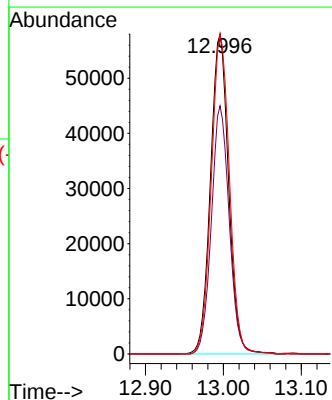
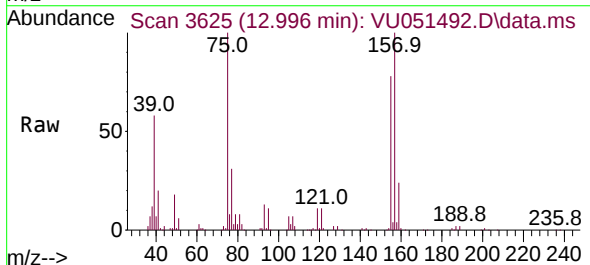
Tgt Ion: 75 Resp: 93908

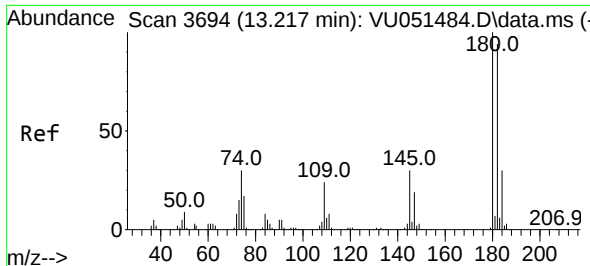
Ion Ratio Lower Upper

75 100

155 77.5 62.5 93.7

157 99.9 81.6 122.4





#69

1,3,5-Trichlorobenzene

Concen: 47.708 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMS

Tgt Ion:180 Resp: 319364

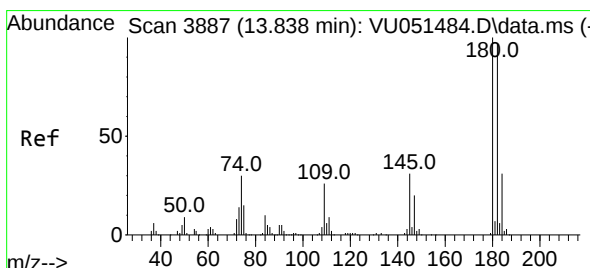
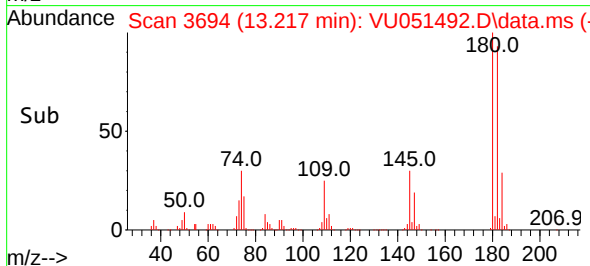
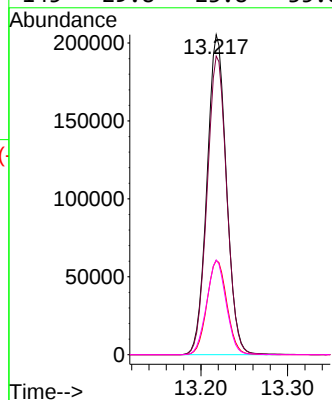
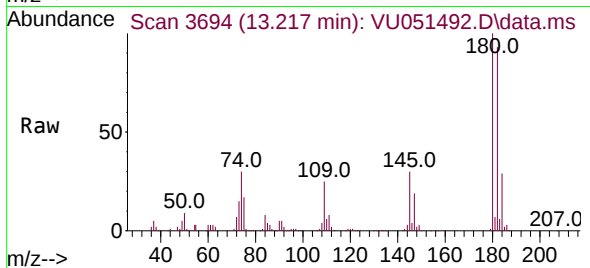
Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

184 30.2 23.9 35.9

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 47.727 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051492.D

Acq: 25 Oct 2022 17:39

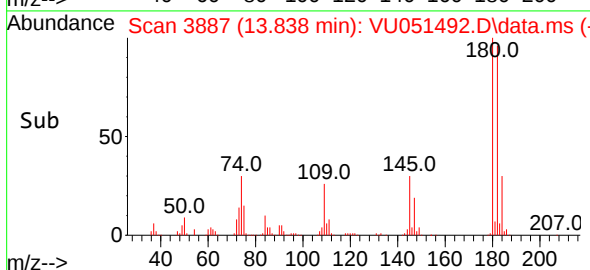
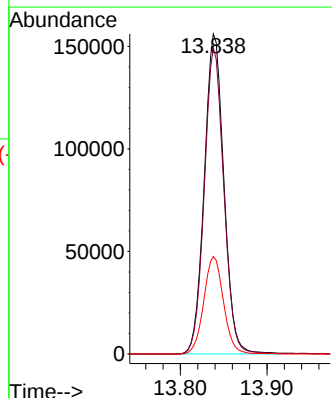
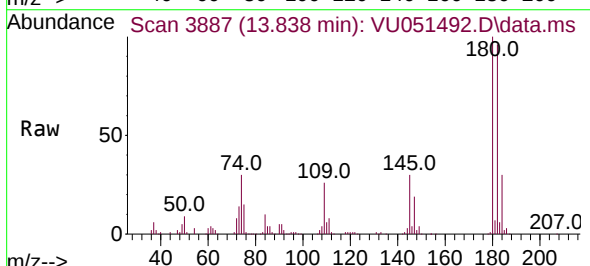
Tgt Ion:180 Resp: 245976

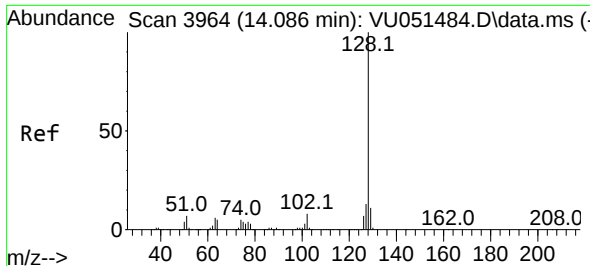
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

145 30.6 25.0 37.6

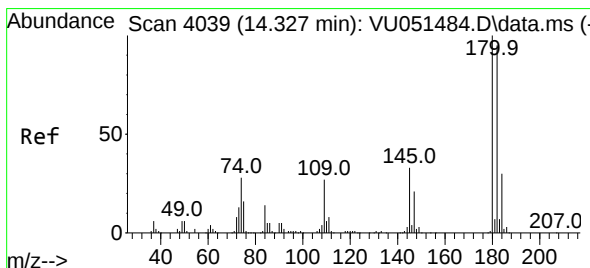
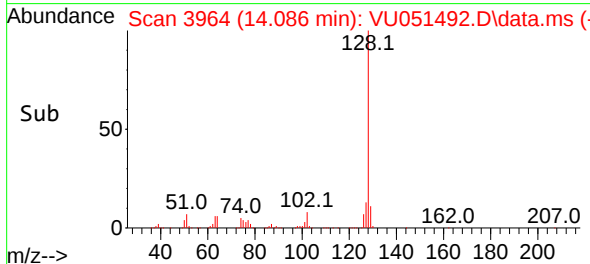
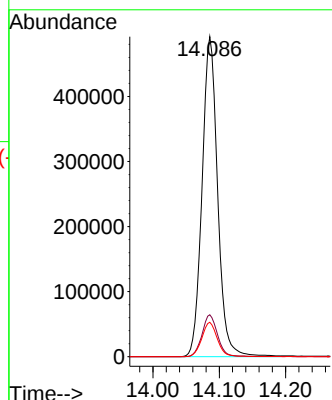
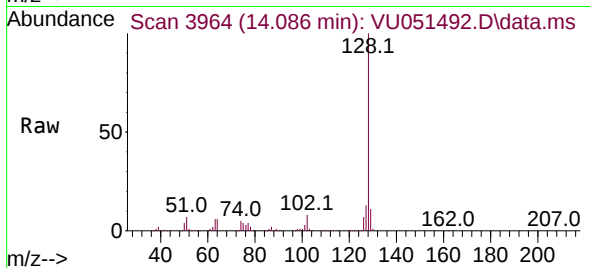




#71
Naphthalene
Concen: 48.733 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMS

Tgt Ion:128 Resp: 803872
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.451 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051492.D
Acq: 25 Oct 2022 17:39

Tgt Ion:180 Resp: 273581
Ion Ratio Lower Upper
180 100
182 97.0 75.4 113.2
145 33.1 25.3 37.9

