

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
 Data File : VU051493.D
 Acq On : 25 Oct 2022 18:04
 Operator : JC/MD
 Sample : N5258-04MEMSD
 Misc : 7.49g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMSD

Quant Time: Oct 27 01:30:34 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	6.243	114	581784	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	586672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	309883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	155465	33.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.360%
7) Chloroethane-d5	1.867	69	53971	14.191	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	28.380%#
11) 1,1-Dichloroethene-d2	2.530	63	301771	38.402	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.800%
21) 2-Butanone-d5	4.636	46	286234	87.960	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.960%
24) Chloroform-d	5.057	84	338145	39.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.760%
26) 1,2-Dichloroethane-d4	5.697	65	210606	39.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.900%
32) Benzene-d6	5.719	84	689466	43.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	227064	43.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.040%
41) Toluene-d8	7.896	98	636687	43.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.940%
43) trans-1,3-Dichloroprop...	8.182	79	98163	44.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.380%
47) 2-Hexanone-d5	8.645	63	220476	96.213	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.210%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	392016	43.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.500%
66) 1,2-Dichlorobenzene-d4	12.192	152	250671	43.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	208252	40.958	ug/L	100
3) Chloromethane	1.523	50	254408	39.147	ug/L	99
5) Vinyl chloride	1.601	62	260454	40.495	ug/L	96
6) Bromomethane	1.822	94	73671	22.037	ug/L	99
8) Chloroethane	1.884	64	58959	15.339	ug/L	99
9) Trichlorofluoromethane	2.067	101	282076	37.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	191968	42.208	ug/L	99
12) 1,1-Dichloroethene	2.539	96	182741	42.384	ug/L	97
13) Acetone	2.646	43	225559	60.830	ug/L	99
14) Carbon disulfide	2.755	76	567492	40.410	ug/L	99
15) Methyl Acetate	2.951	43	237812	42.408	ug/L	99
16) Methylene chloride	3.028	84	241992	42.759	ug/L	97
17) trans-1,2-Dichloroethene	3.330	96	197874	44.624	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	596423	47.036	ug/L	100
19) 1,1-Dichloroethane	3.851	63	385934	44.126	ug/L	100
20) cis-1,2-Dichloroethene	4.655	96	228235	47.178	ug/L	98
22) 2-Butanone	4.713	43	350827	81.523	ug/L	96
23) Bromochloromethane	4.970	128	122118	44.992	ug/L	97
25) Chloroform	5.083	83	390297	43.285	ug/L	99

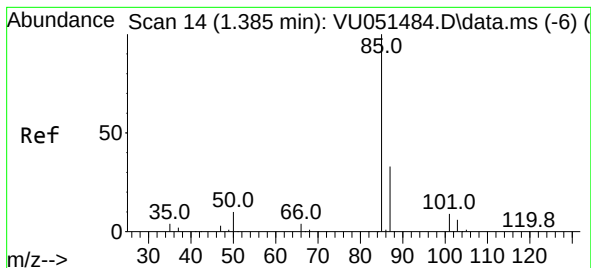
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	306232	43.738	ug/L	99
29) Cyclohexane	5.375	56	309827	50.266	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	303021	43.547	ug/L	99
31) Carbon tetrachloride	5.514	117	257546	43.836	ug/L	99
33) Benzene	5.764	78	893937	46.611	ug/L	100
34) Trichloroethene	6.536	95	218961	47.312	ug/L	97
35) Methylcyclohexane	6.755	83	328732	49.654	ug/L	99
37) 1,2-Dichloropropane	6.787	63	243405	46.279	ug/L	100
38) Bromodichloromethane	7.105	83	297167	44.384	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	329980	47.587	ug/L	98
40) 4-Methyl-2-pentanone	7.809	43	688040	97.907	ug/L	100
42) Toluene	7.967	91	951155	48.328	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	321394	47.627	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	242101	46.121	ug/L	98
46) Tetrachloroethene	8.552	164	393715	113.971	ug/L	99
48) 2-Hexanone	8.697	43	562709	93.704	ug/L	99
49) Dibromochloromethane	8.816	129	248555	46.262	ug/L	98
50) 1,2-Dibromoethane	8.925	107	246798	45.881	ug/L	99
51) Chlorobenzene	9.449	112	603870	46.854	ug/L	99
52) Ethylbenzene	9.571	91	978435	49.299	ug/L	99
53) m,p-Xylene	9.697	106	386207	50.485	ug/L	100
54) o-Xylene	10.102	106	381107	50.223	ug/L	100
55) Styrene	10.118	104	693091	52.561	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	455256	45.451	ug/L	99
59) Bromoform	10.295	173	194313	45.022	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	354274	44.115	ug/L	99
61) Isopropylbenzene	10.484	105	963715	49.522	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	824652	49.885	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	825627	50.722	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	468890	47.203	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	469775	45.986	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	478413	46.235	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	90729	41.860	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	306363	45.975	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	250207	48.770	ug/L	99
71) Naphthalene	14.086	128	843769	51.385	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	276975	50.293	ug/L	99

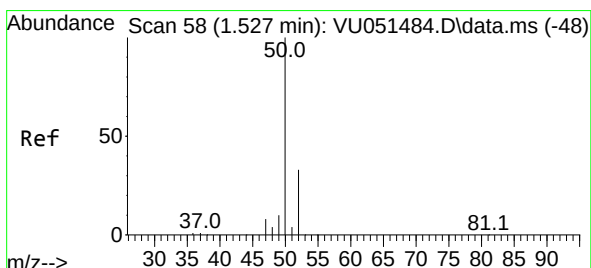
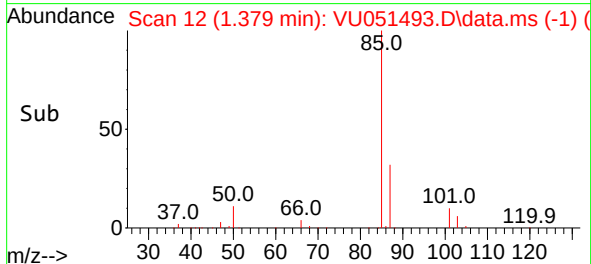
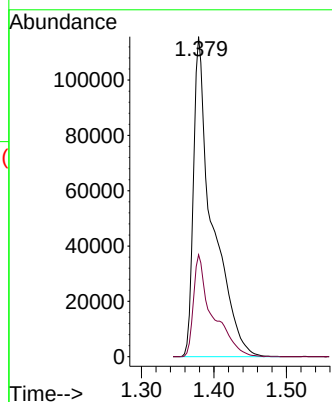
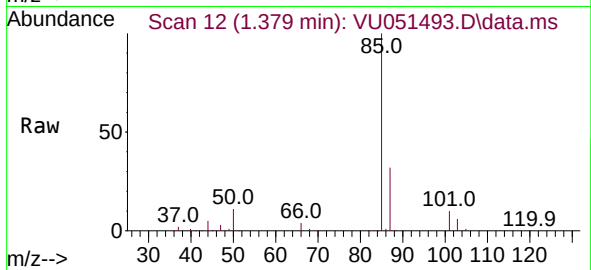
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 40.958 ug/L
 RT: 1.379 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

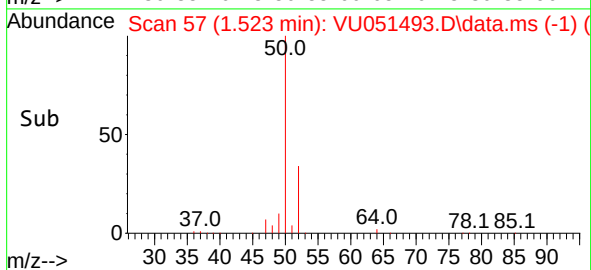
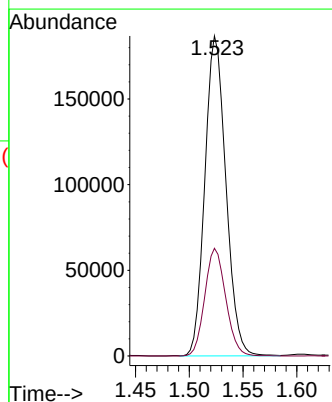
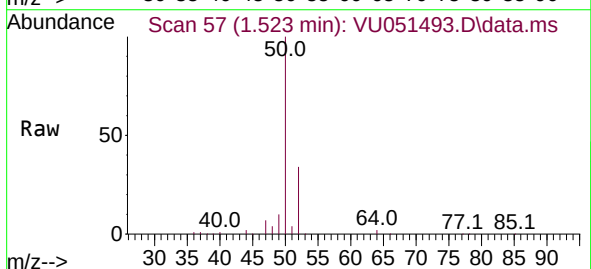
Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMSD

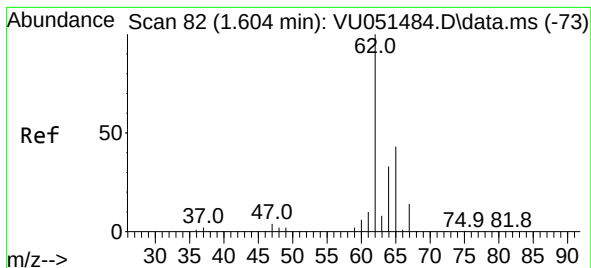
Tgt Ion: 85 Resp: 208252
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 39.147 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.003 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

Tgt Ion: 50 Resp: 254408
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.1 44.8





#5

Vinyl chloride

Concen: 40.495 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

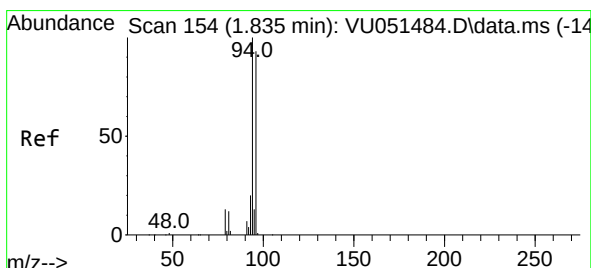
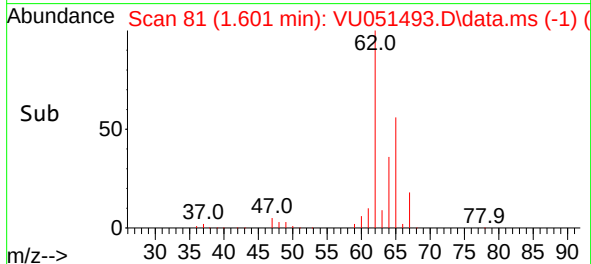
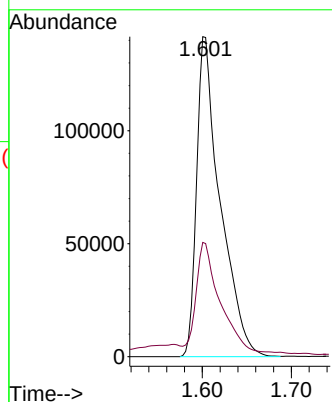
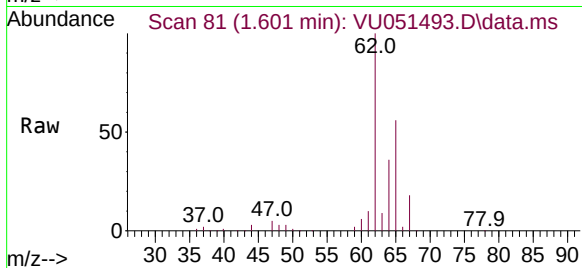
GBLN3MEMSD

Tgt Ion: 62 Resp: 260454

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.2



#6

Bromomethane

Concen: 22.037 ug/L

RT: 1.822 min Scan# 150

Delta R.T. -0.013 min

Lab File: VU051493.D

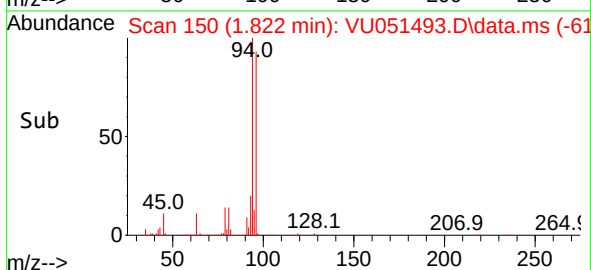
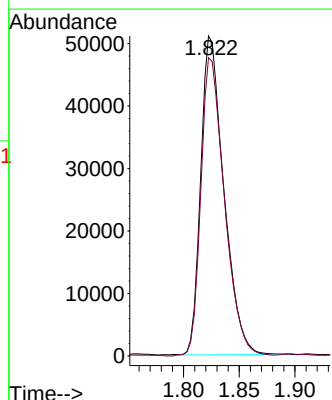
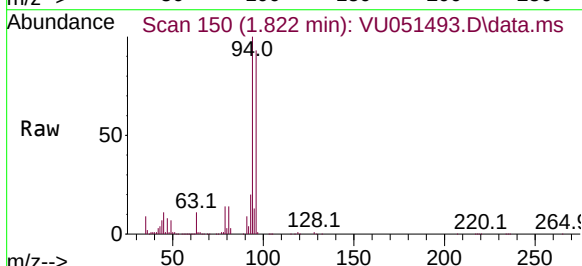
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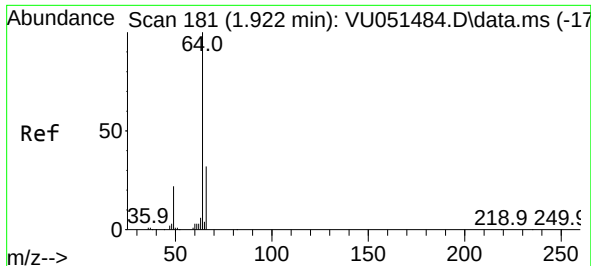
Tgt Ion: 94 Resp: 73671

Ion Ratio Lower Upper

94 100

96 93.2 64.5 119.9

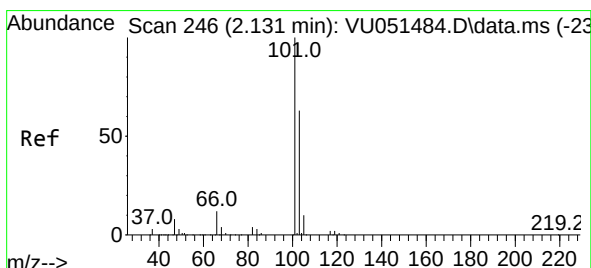
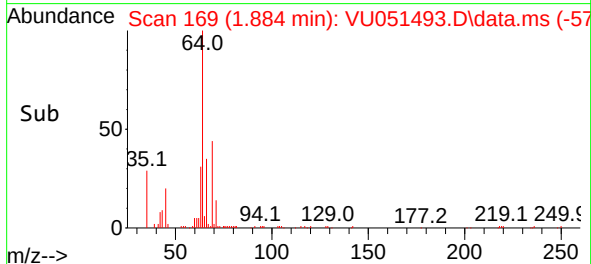
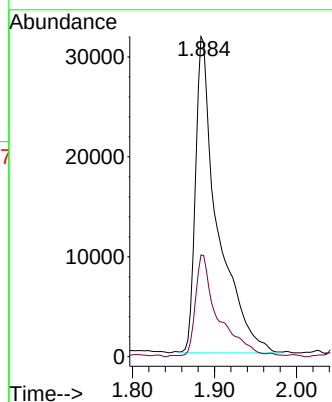
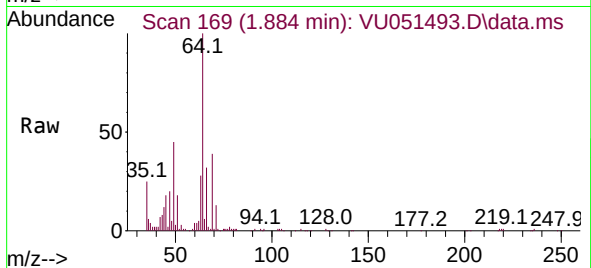




#8
Chloroethane
Concen: 15.339 ug/L
RT: 1.884 min Scan# 10
Delta R.T. -0.039 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

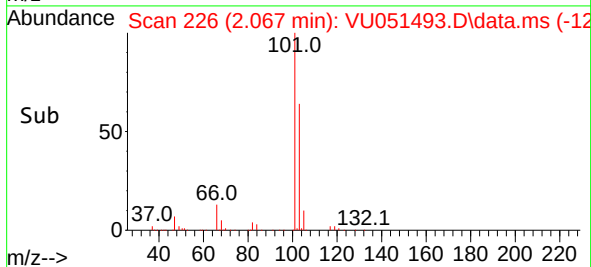
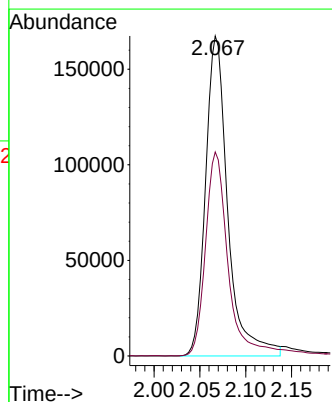
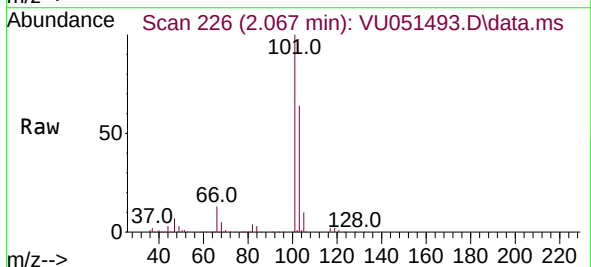
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

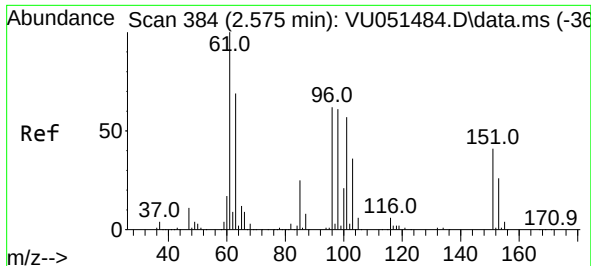
Tgt Ion: 64 Resp: 58959
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 37.907 ug/L
RT: 2.067 min Scan# 226
Delta R.T. -0.064 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 101 Resp: 282076
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4





#10

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

Concen: 42.208 ug/L

RT: 2.536 min Scan# 31

Delta R.T. -0.039 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

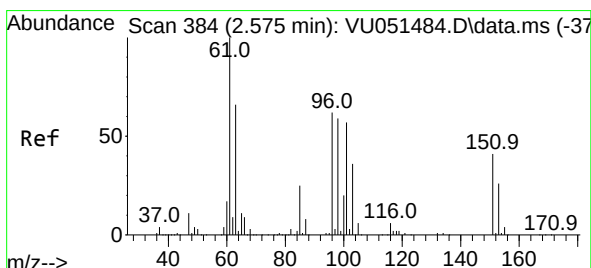
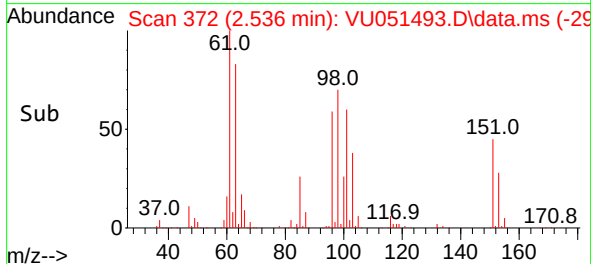
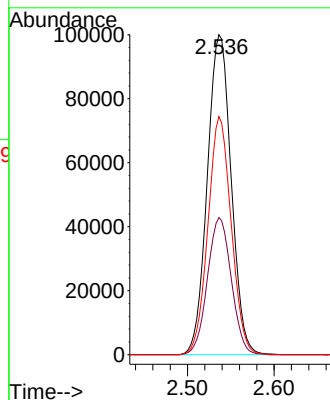
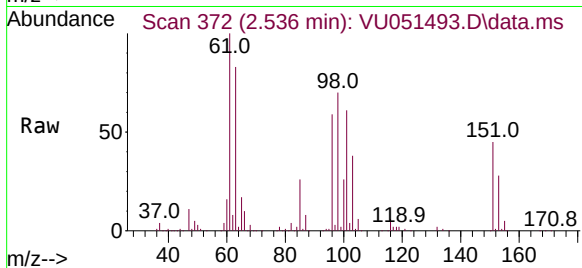
Tgt Ion:101 Resp: 191968

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

151 72.4 57.8 86.8



#12

1,1-Dichloroethene

Concen: 42.384 ug/L

RT: 2.539 min Scan# 373

Delta R.T. -0.035 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

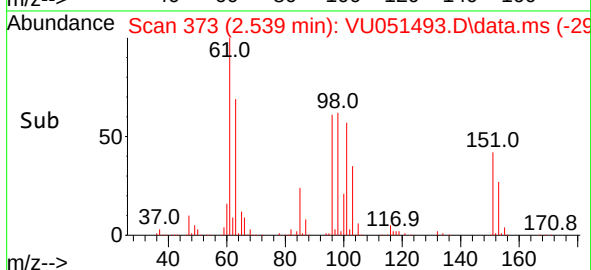
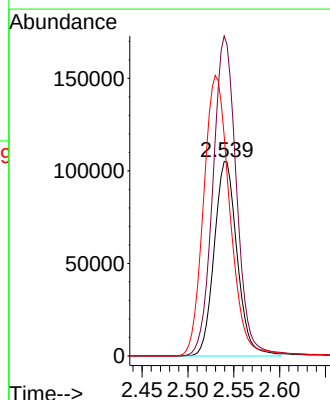
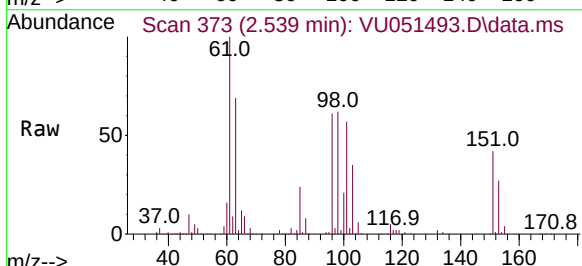
Tgt Ion: 96 Resp: 182741

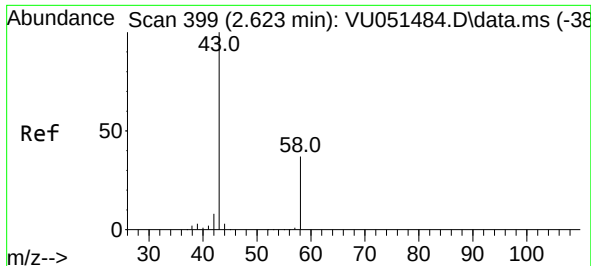
Ion Ratio Lower Upper

96 100

61 164.5 119.0 221.0

63 113.0 78.5 145.7





#13

Acetone

Concen: 60.830 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.023 min

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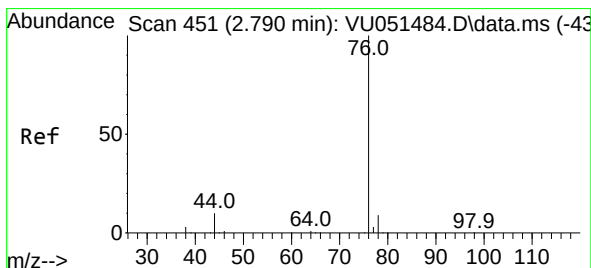
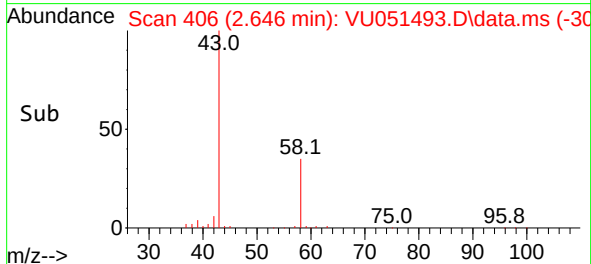
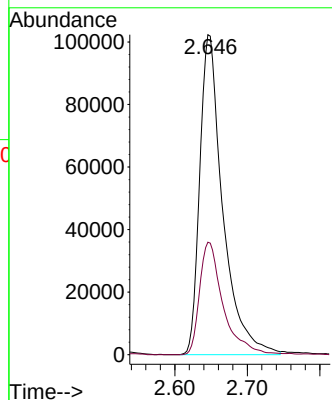
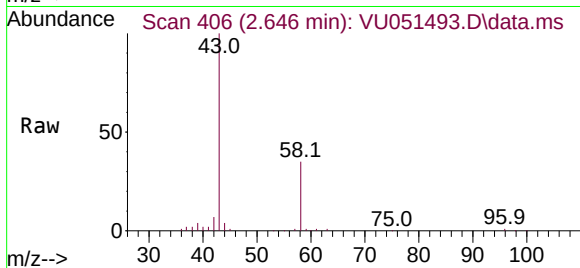
GBLN3MEMSD

Tgt Ion: 43 Resp: 225559

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.2



#14

Carbon disulfide

Concen: 40.410 ug/L

RT: 2.755 min Scan# 440

Delta R.T. -0.035 min

Lab File: VU051493.D

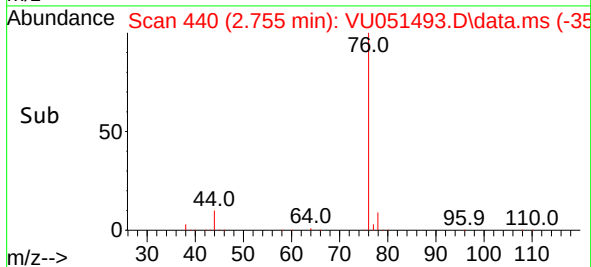
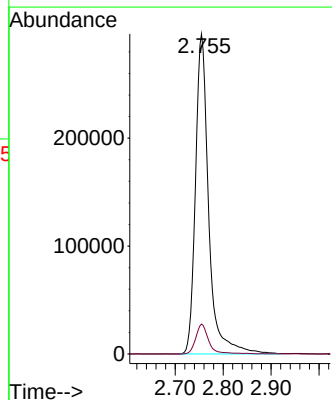
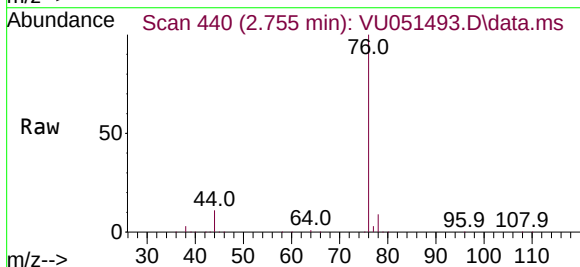
Acq: 25 Oct 2022 18:04

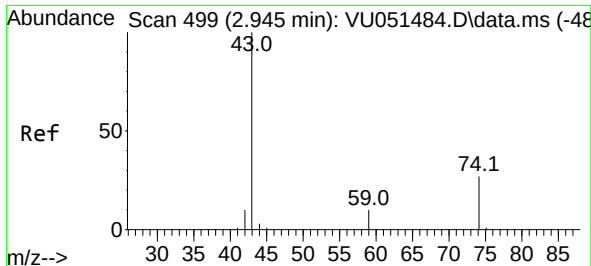
Tgt Ion: 76 Resp: 567492

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

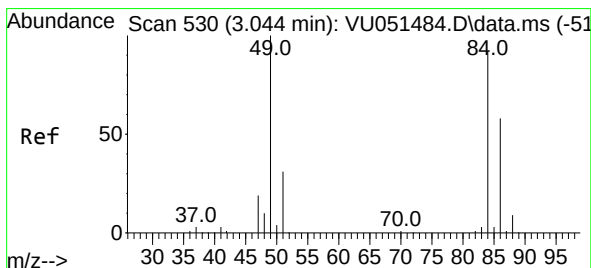
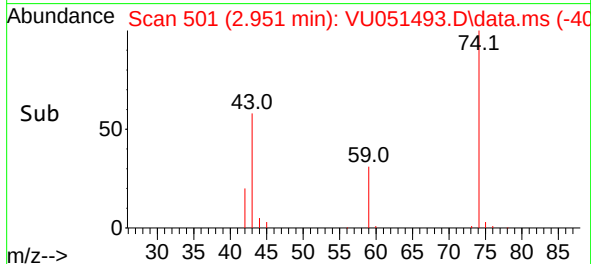
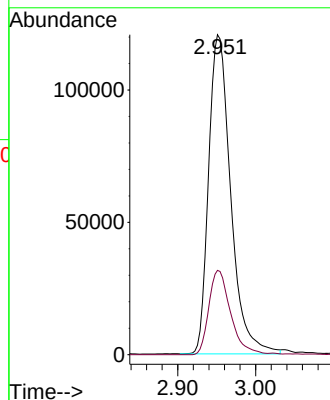
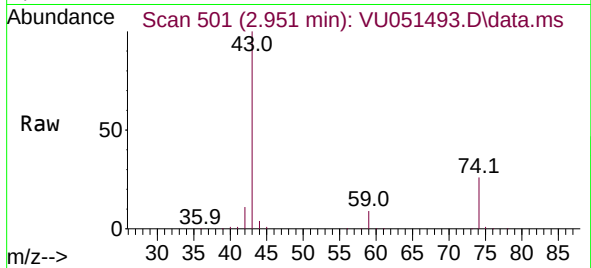




#15
Methyl Acetate
Concen: 42.408 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

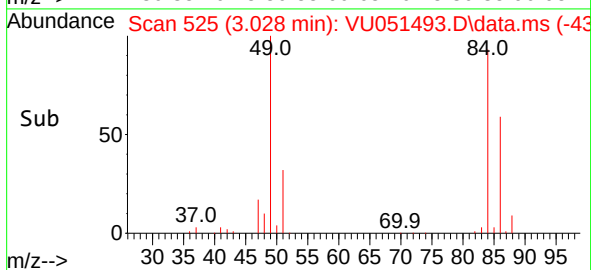
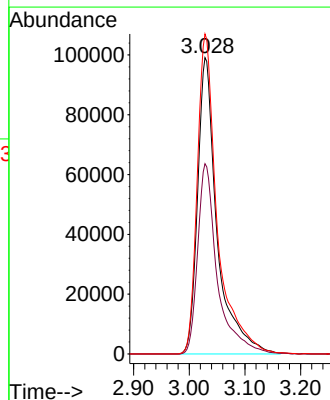
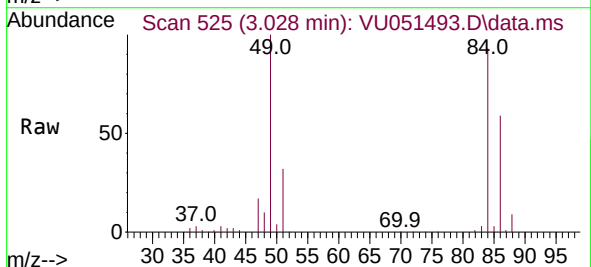
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

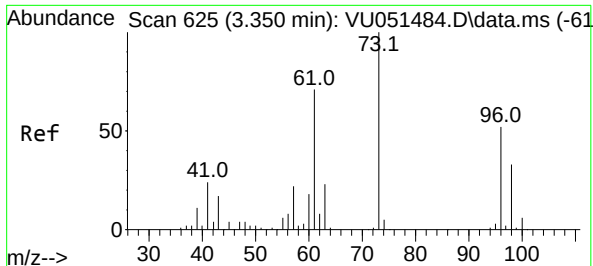
Tgt Ion: 43 Resp: 237812
Ion Ratio Lower Upper
43 100
74 25.9 21.1 31.7



#16
Methylene chloride
Concen: 42.759 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.016 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 84 Resp: 241992
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.2
49 108.0 78.1 145.1

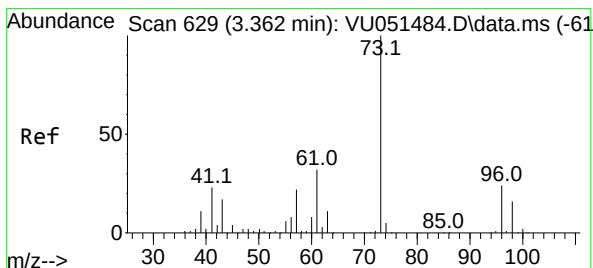
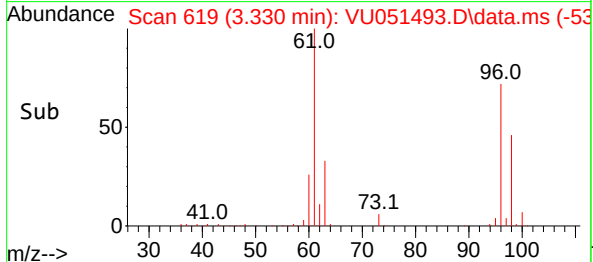
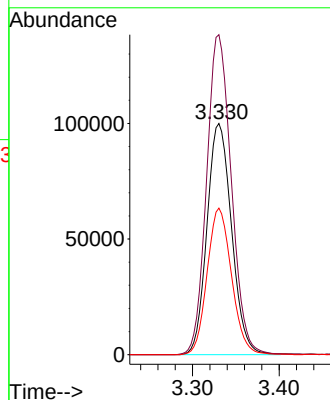
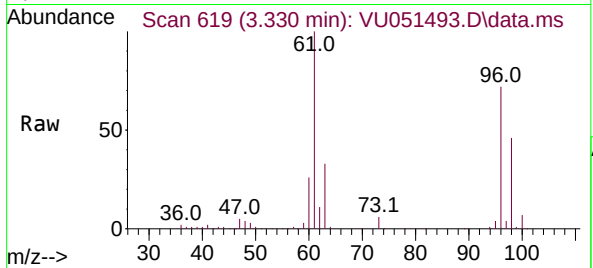




#17
trans-1,2-Dichloroethene
Concen: 44.624 ug/L
RT: 3.330 min Scan# 61
Delta R.T. -0.019 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

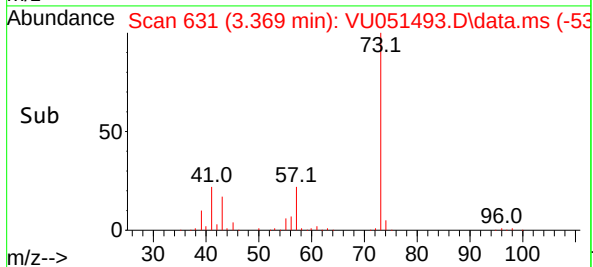
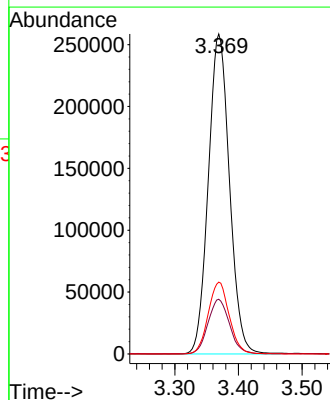
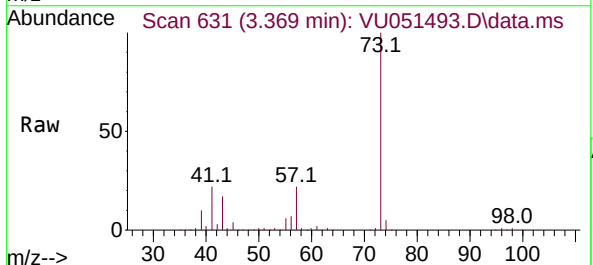
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

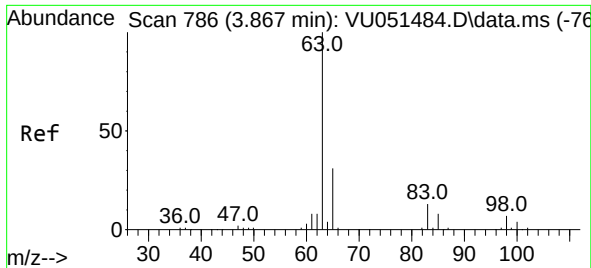
Tgt Ion: 96 Resp: 197874
Ion Ratio Lower Upper
96 100
61 138.4 98.1 182.1
98 63.4 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 47.036 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 73 Resp: 596423
Ion Ratio Lower Upper
73 100
43 17.2 13.9 20.9
57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 44.126 ug/L

RT: 3.851 min Scan# 7

Delta R.T. -0.016 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

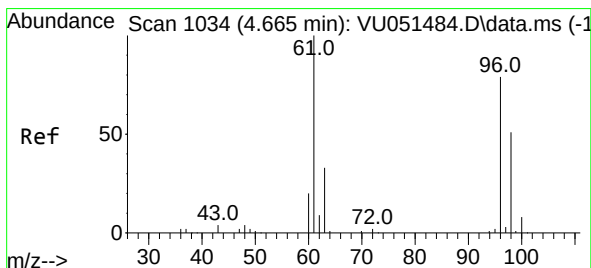
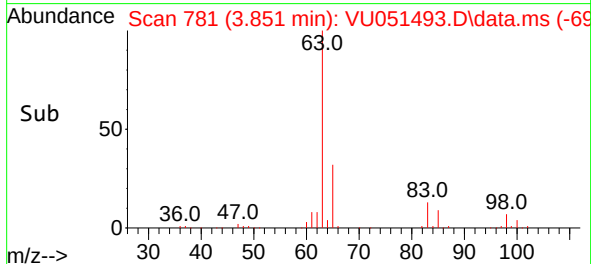
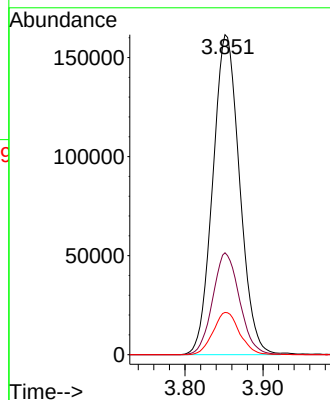
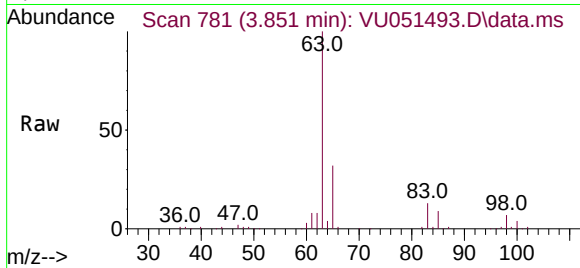
Tgt Ion: 63 Resp: 385934

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.178 ug/L

RT: 4.655 min Scan# 1031

Delta R.T. -0.010 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

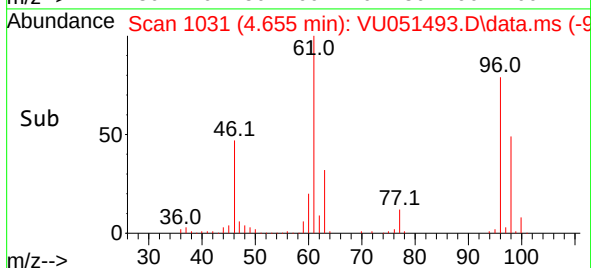
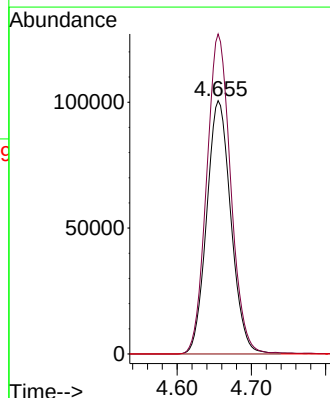
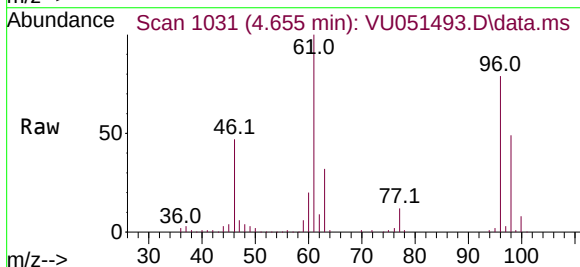
Tgt Ion: 96 Resp: 228235

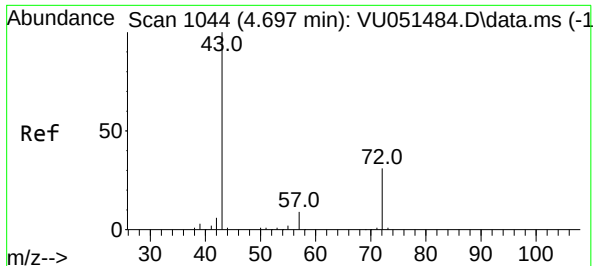
Ion Ratio Lower Upper

96 100

61 126.3 89.7 166.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 81.523 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

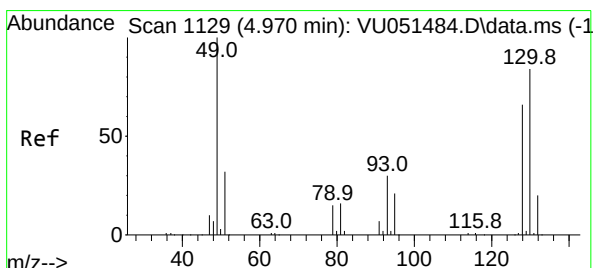
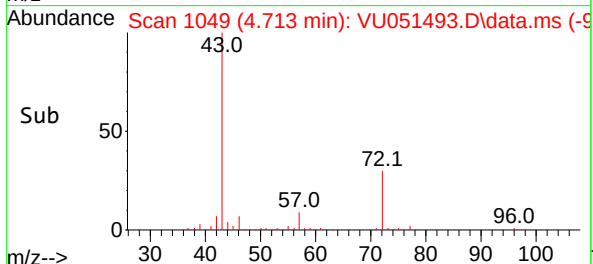
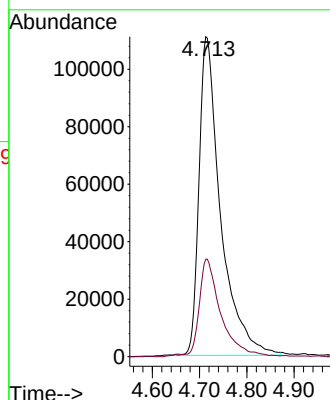
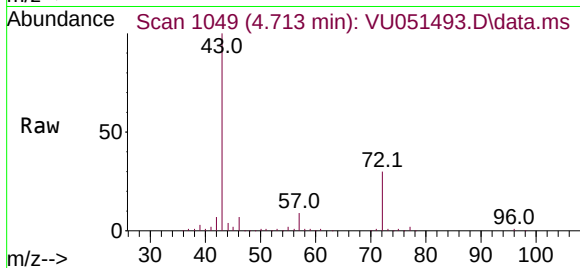
GBLN3MEMSD

Tgt Ion: 43 Resp: 350827

Ion Ratio Lower Upper

43 100

72 28.1 15.2 45.6



#23

Bromochloromethane

Concen: 44.992 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Tgt Ion:128 Resp: 122118

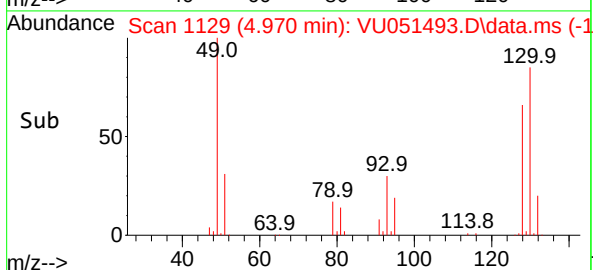
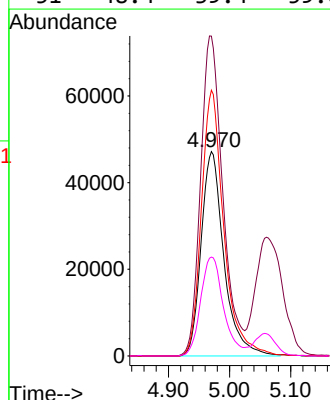
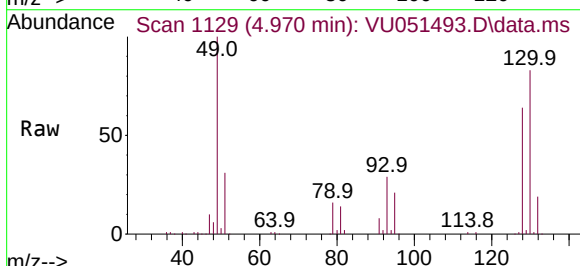
Ion Ratio Lower Upper

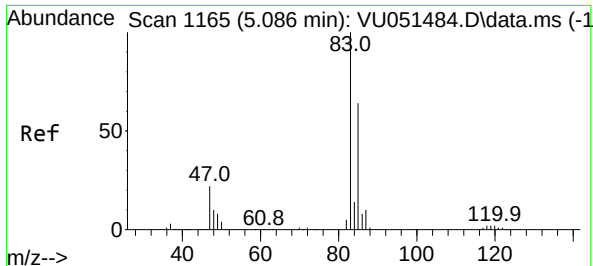
128 100

49 156.5 111.9 207.9

130 130.1 88.2 163.8

51 48.4 39.4 59.0





#25

Chloroform

Concen: 43.285 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

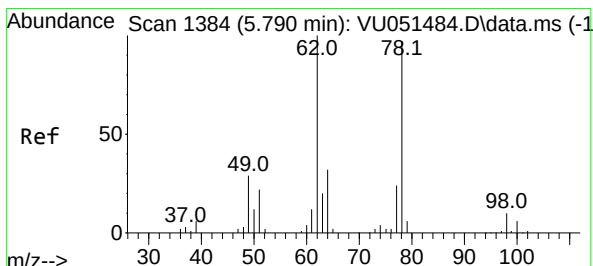
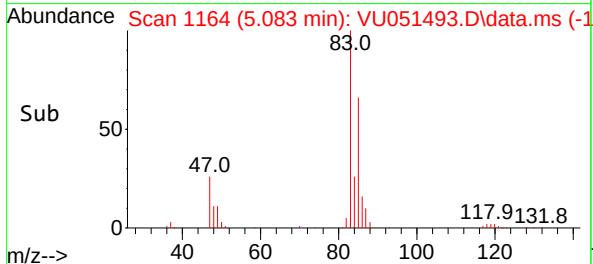
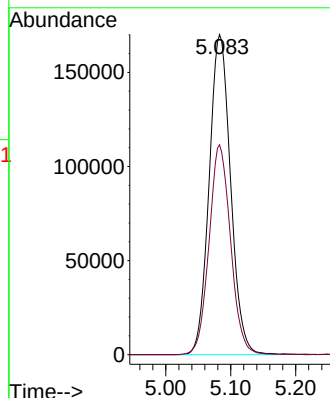
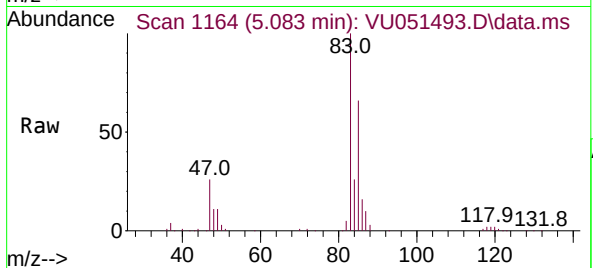
GBLN3MEMSD

Tgt Ion: 83 Resp: 390297

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 43.738 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051493.D

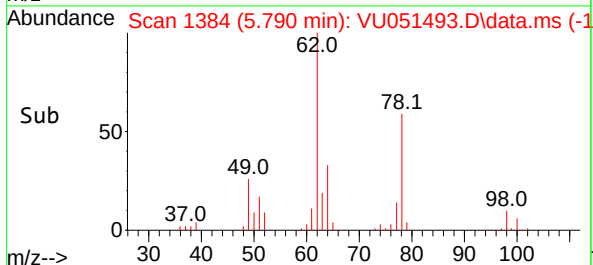
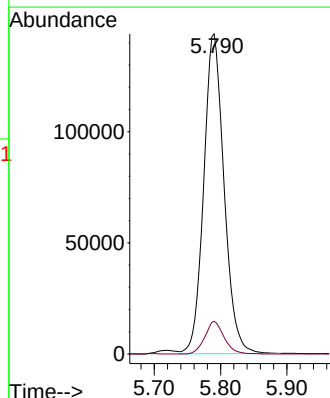
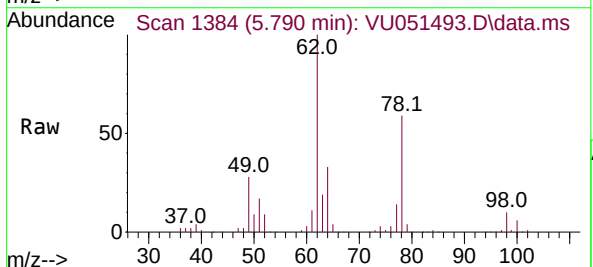
Acq: 25 Oct 2022 18:04

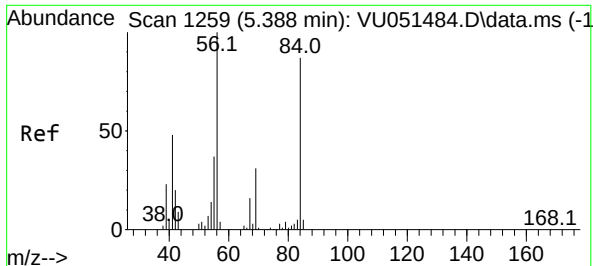
Tgt Ion: 62 Resp: 306232

Ion Ratio Lower Upper

62 100

98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 50.266 ug/L

RT: 5.375 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

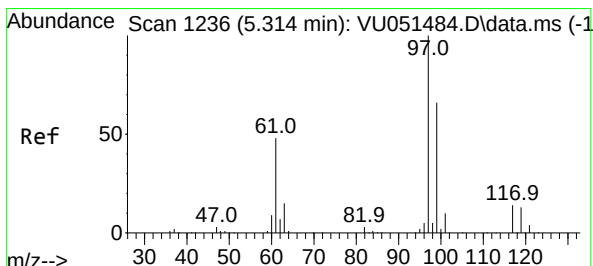
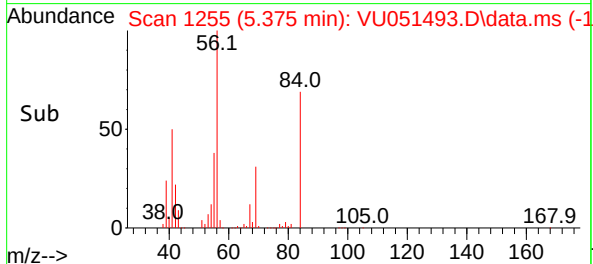
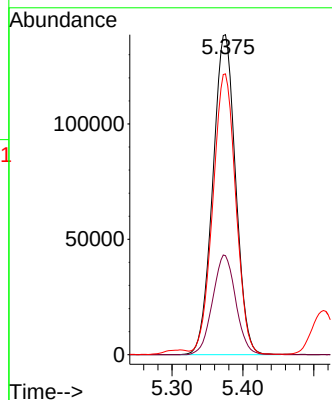
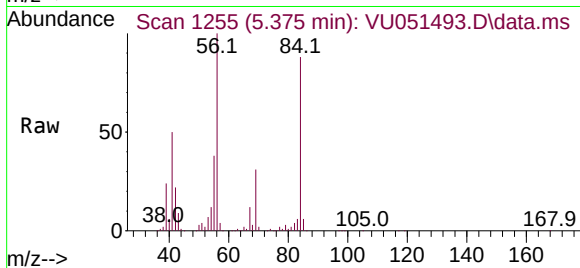
Tgt Ion: 56 Resp: 309827

Ion Ratio Lower Upper

56 100

69 31.5 25.5 38.3

84 88.3 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 43.547 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

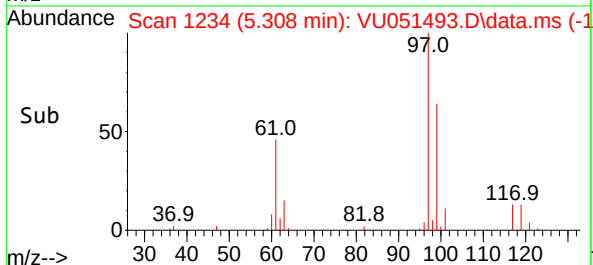
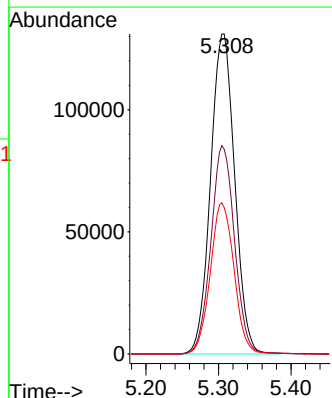
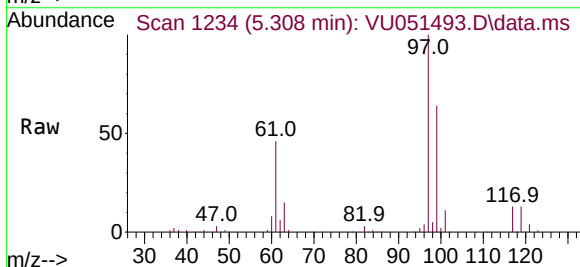
Tgt Ion: 97 Resp: 303021

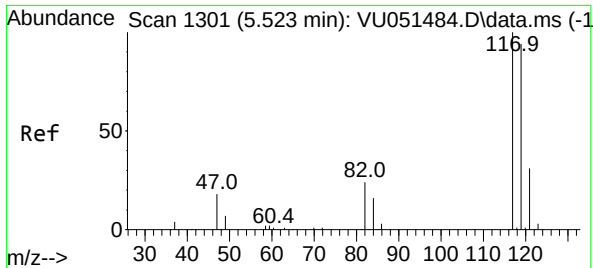
Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 46.4 36.7 55.1

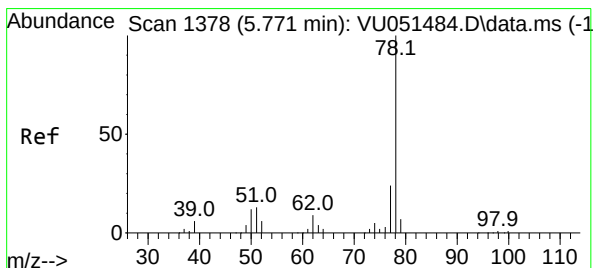
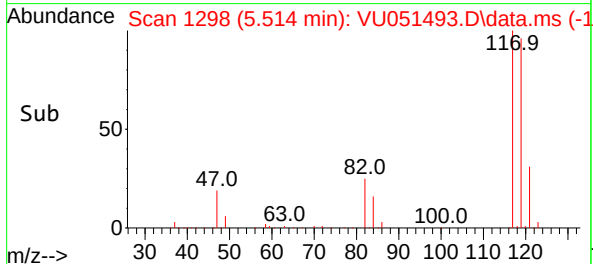
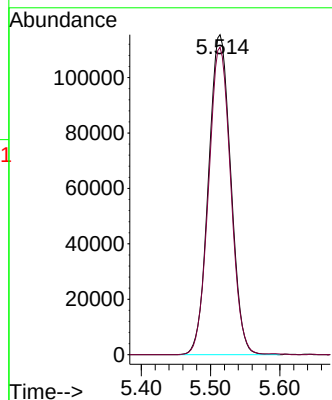
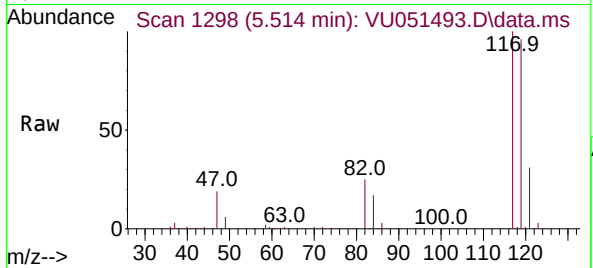




#31
Carbon tetrachloride
Concen: 43.836 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.010 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

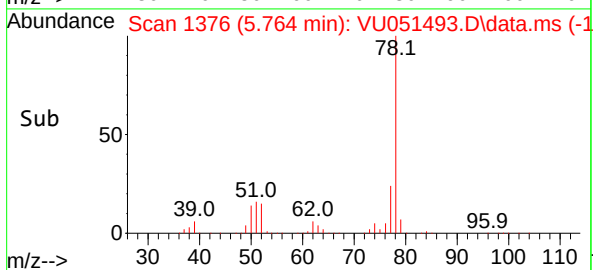
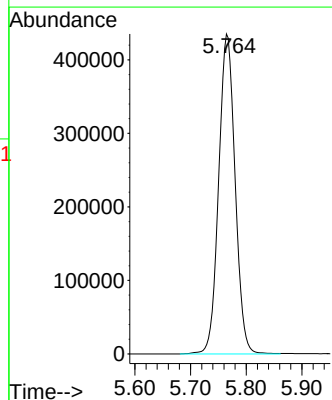
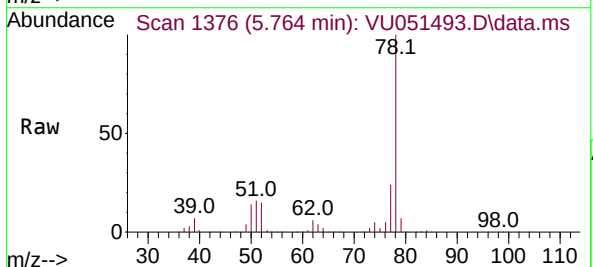
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

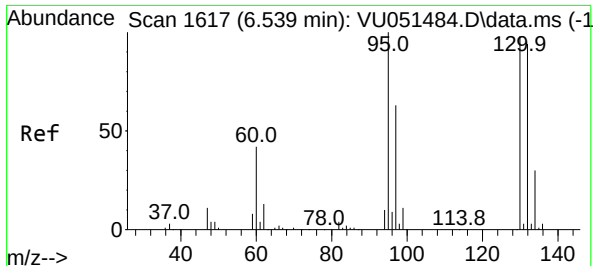
Tgt Ion:117 Resp: 257546
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6



#33
Benzene
Concen: 46.611 ug/L
RT: 5.764 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 78 Resp: 893937



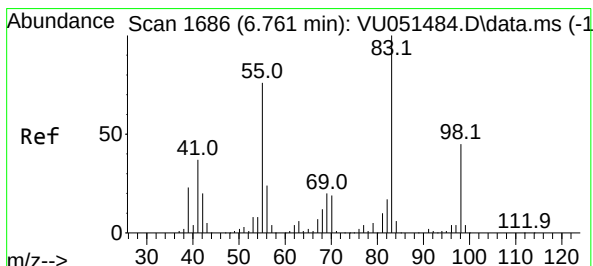
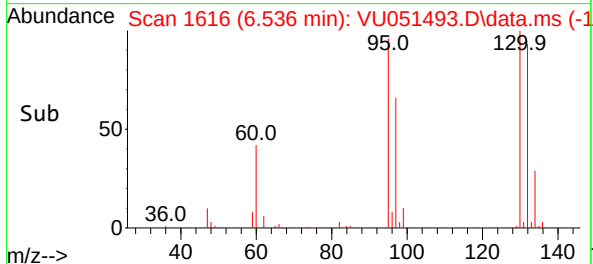
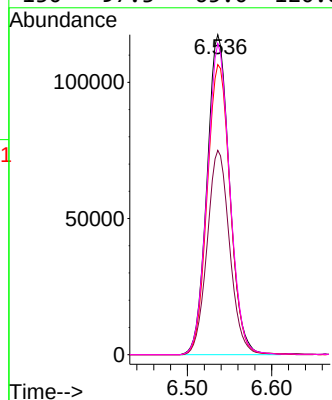
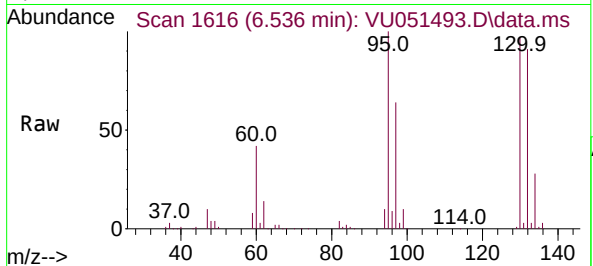


#34
Trichloroethene
Concen: 47.312 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

Tgt Ion: 95 Resp: 218961

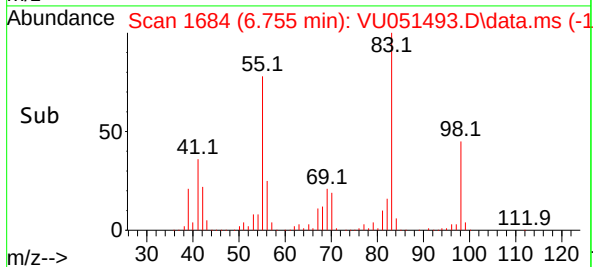
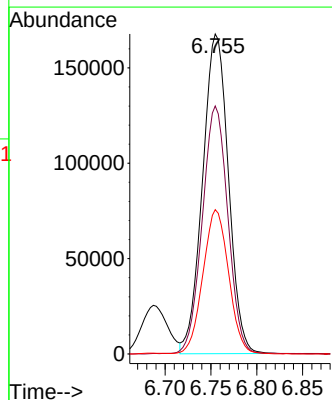
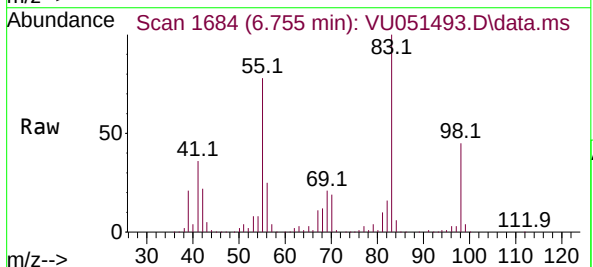
Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.8	81.4
132	90.6	61.9	114.9
130	97.3	65.0	120.8

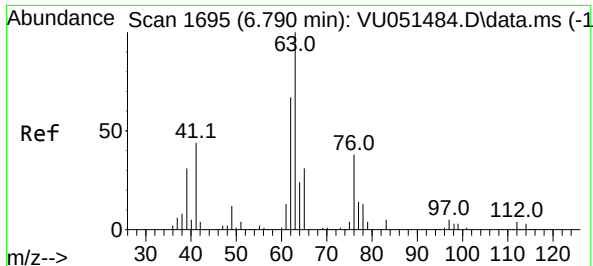


#35
Methylcyclohexane
Concen: 49.654 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 83 Resp: 328732

Ion	Ratio	Lower	Upper
83	100		
55	76.9	62.6	93.8
98	45.0	36.2	54.4





#37

1,2-Dichloropropane

Concen: 46.279 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

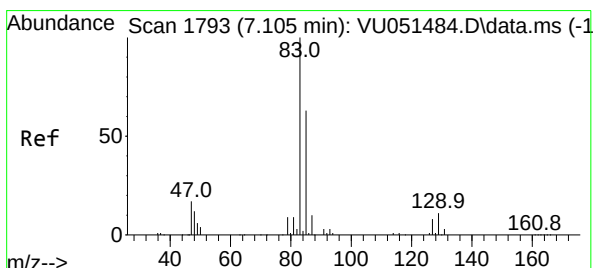
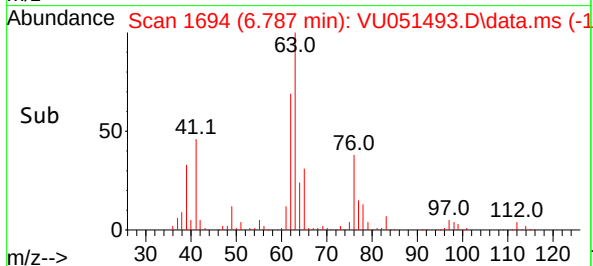
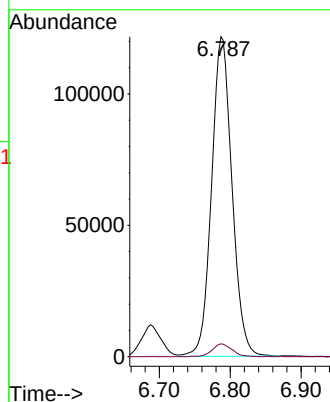
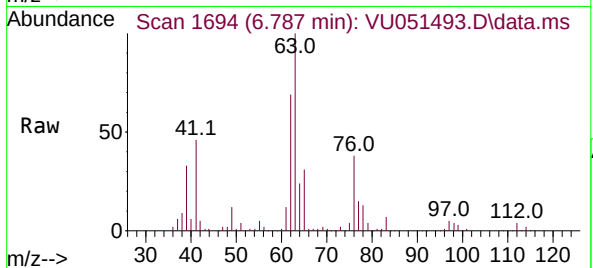
GBLN3MEMSD

Tgt Ion: 63 Resp: 243405

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 44.384 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

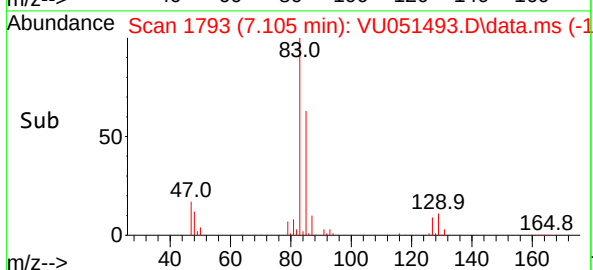
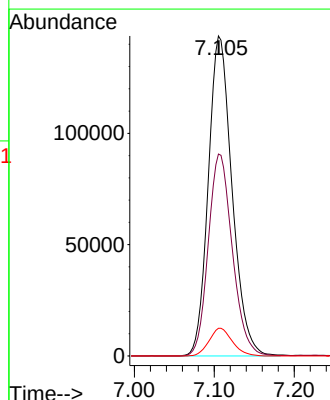
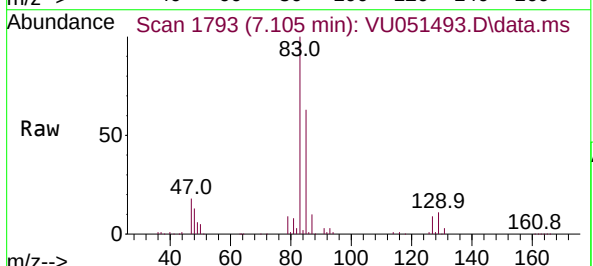
Tgt Ion: 83 Resp: 297167

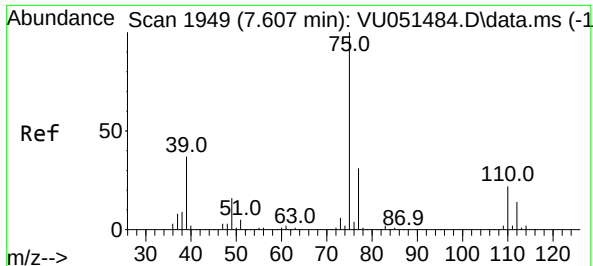
Ion Ratio Lower Upper

83 100

85 63.1 44.9 83.5

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 47.587 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

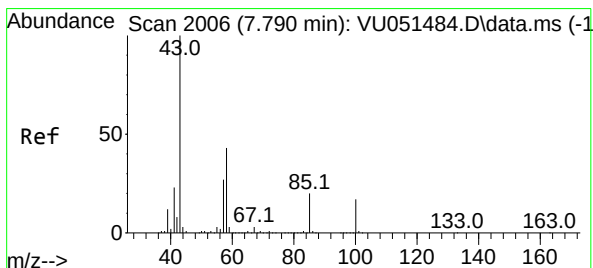
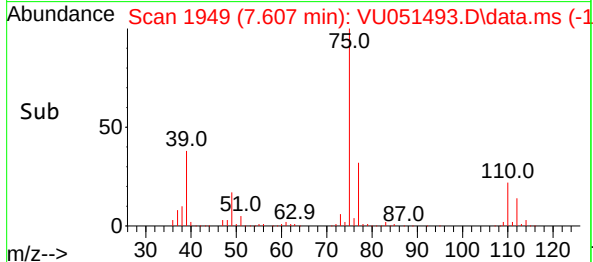
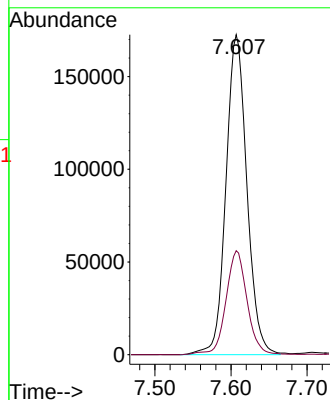
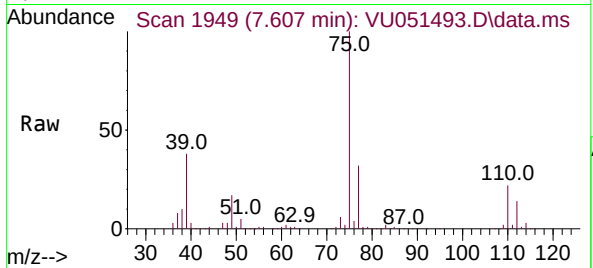
GBLN3MEMSD

Tgt Ion: 75 Resp: 329980

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 97.907 ug/L

RT: 7.809 min Scan# 2012

Delta R.T. 0.019 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

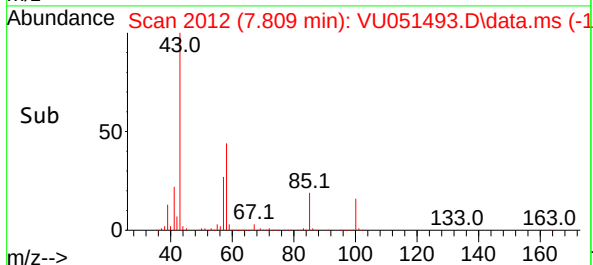
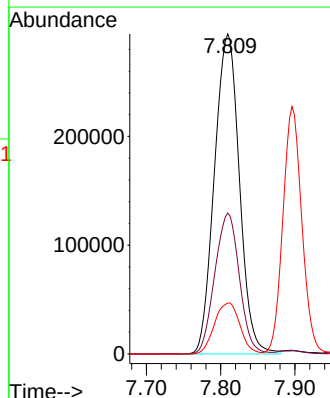
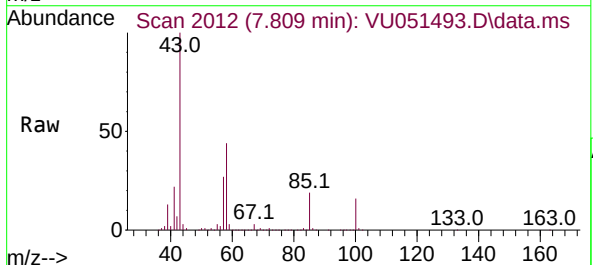
Tgt Ion: 43 Resp: 688040

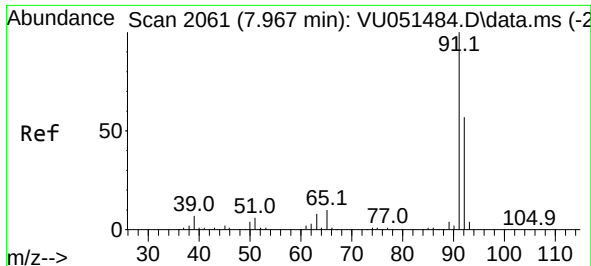
Ion Ratio Lower Upper

43 100

58 43.3 34.4 51.6

100 16.3 12.9 19.3

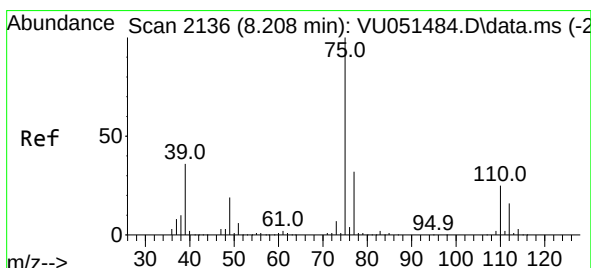
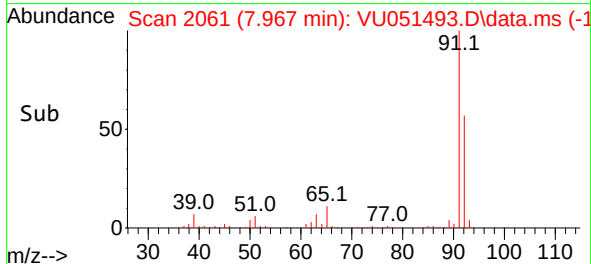
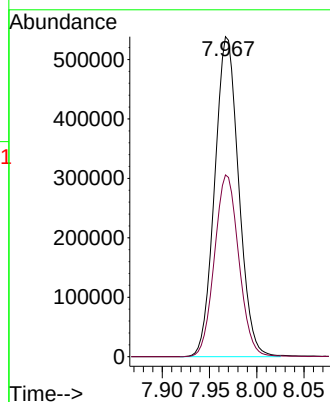
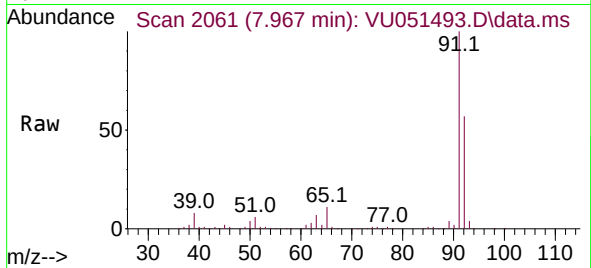




#42
Toluene
Concen: 48.328 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

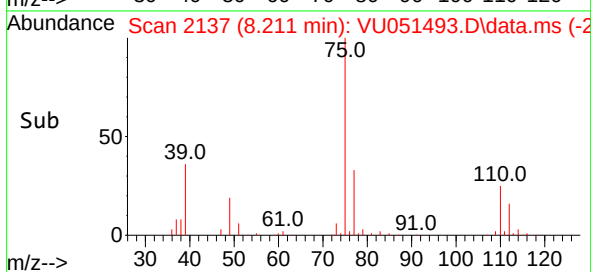
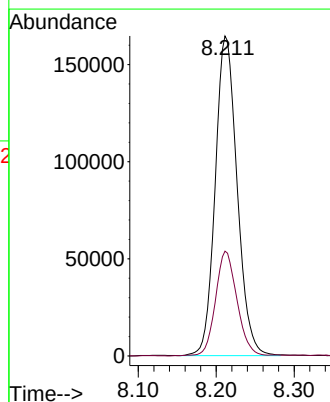
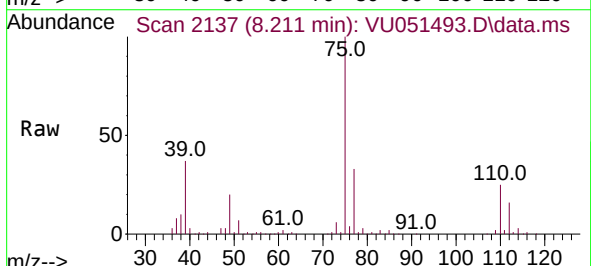
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

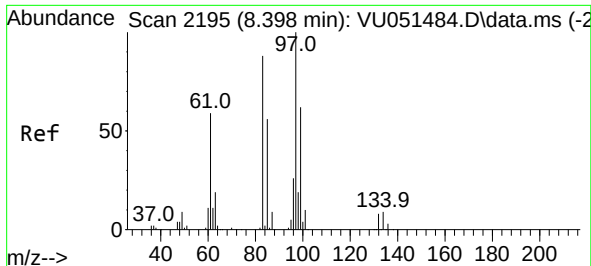
Tgt Ion: 91 Resp: 951155
Ion Ratio Lower Upper
91 100
92 56.8 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 47.627 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 75 Resp: 321394
Ion Ratio Lower Upper
75 100
77 32.7 21.3 39.5

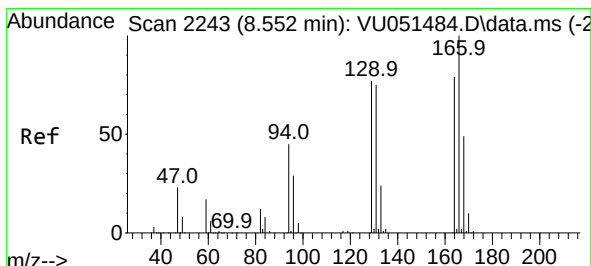
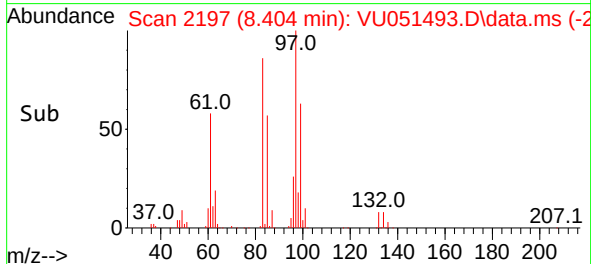
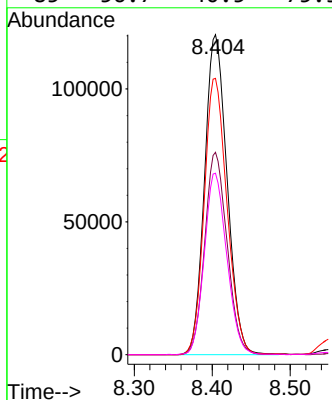
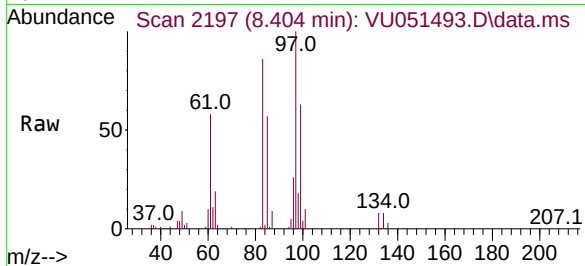




#45
1,1,2-Trichloroethane
Concen: 46.121 ug/L
RT: 8.404 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

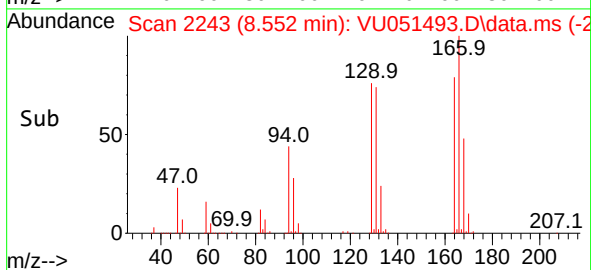
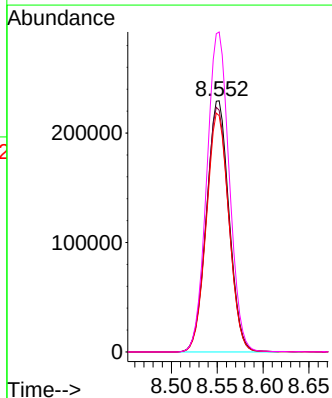
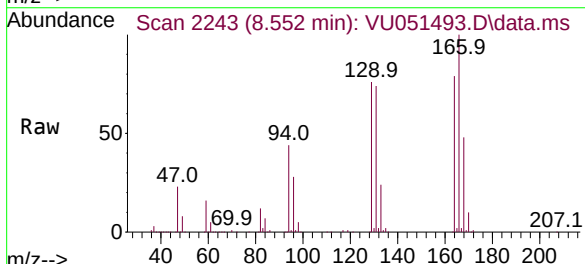
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

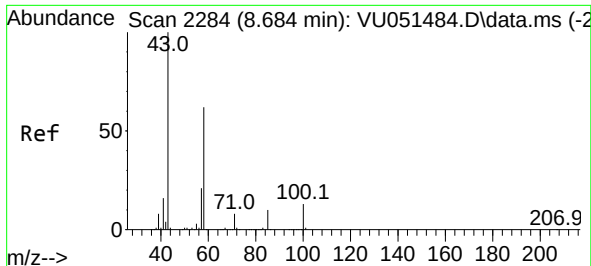
Tgt Ion:	97	Resp:	242101
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.6	81.0
83	86.4	61.8	114.8
85	56.7	40.5	75.3



#46
Tetrachloroethene
Concen: 113.971 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion:	164	Resp:	393715
Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.3	124.9
131	94.1	65.2	121.0
166	127.4	87.0	161.6

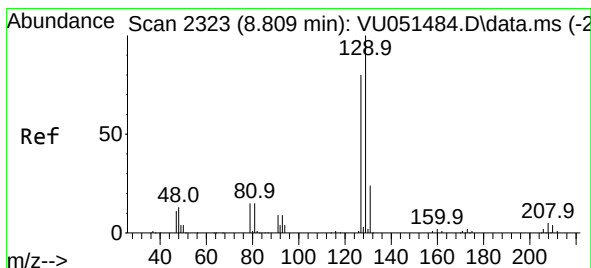
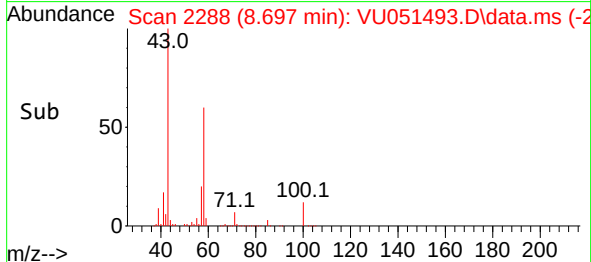
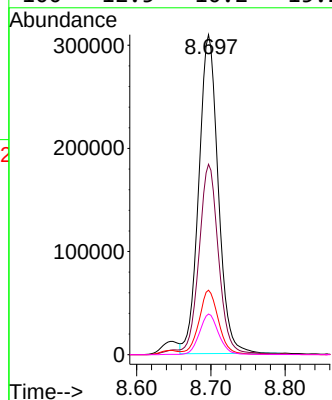
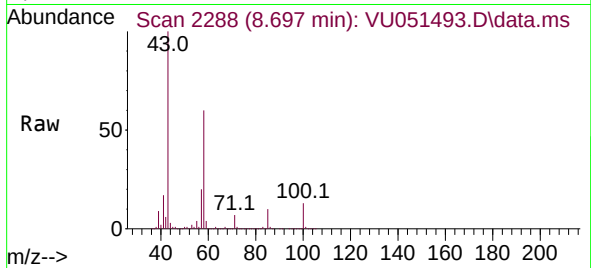




#48
2-Hexanone
Concen: 93.704 ug/L
RT: 8.697 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

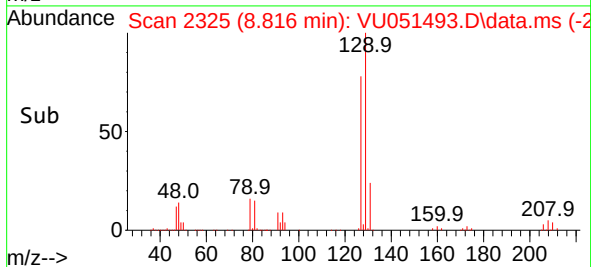
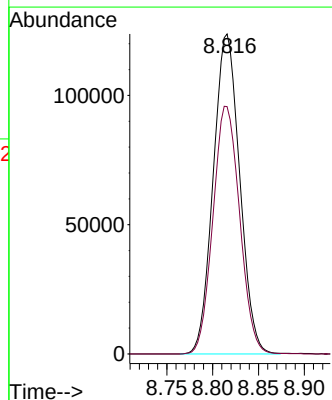
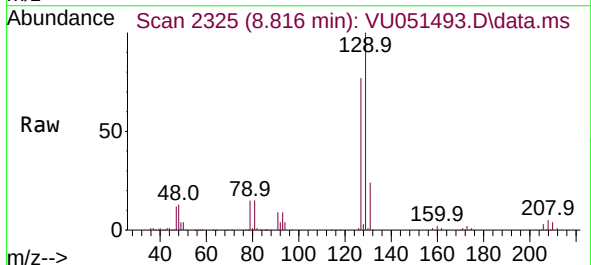
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

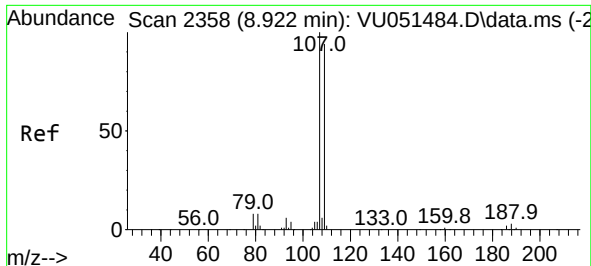
Tgt Ion: 43 Resp: 562709
Ion Ratio Lower Upper
43 100
58 59.1 48.2 72.4
57 20.2 16.4 24.6
100 12.5 10.2 15.2



#49
Dibromochloromethane
Concen: 46.262 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.007 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 129 Resp: 248555
Ion Ratio Lower Upper
129 100
127 77.3 53.1 98.5





#50

1,2-Dibromoethane

Concen: 45.881 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

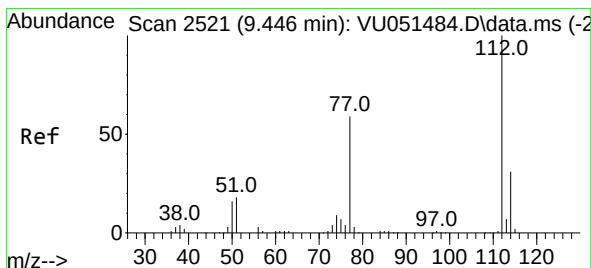
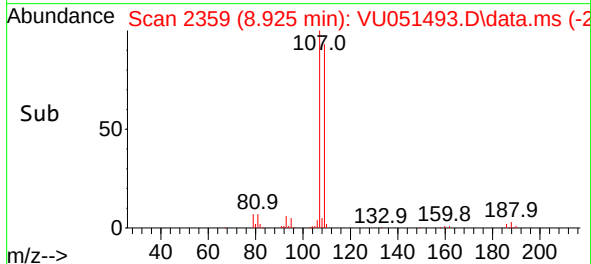
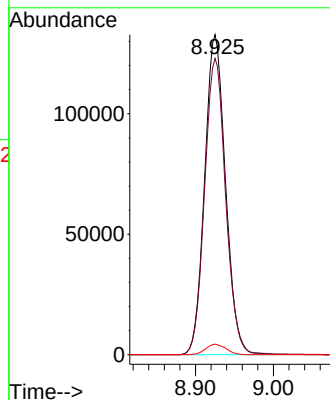
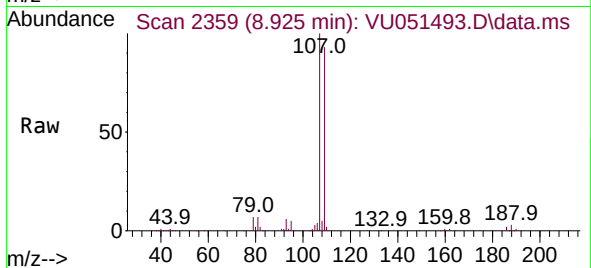
Tgt Ion:107 Resp: 246798

Ion Ratio Lower Upper

107 100

109 92.6 65.8 122.2

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 46.854 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

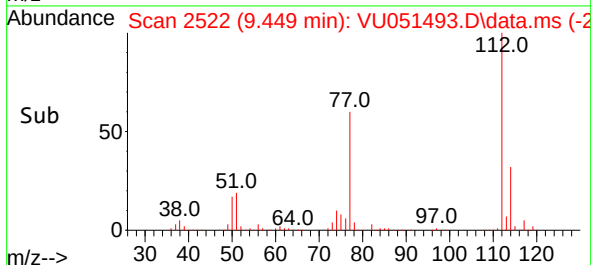
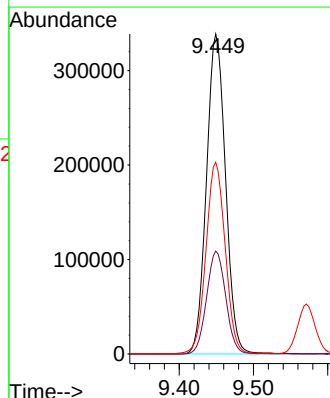
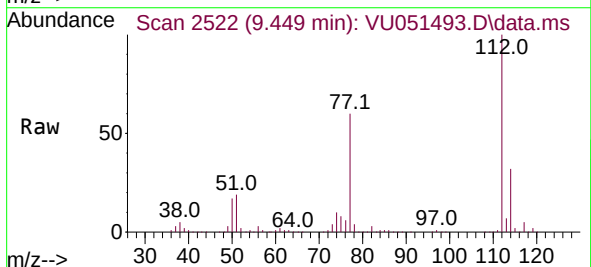
Tgt Ion:112 Resp: 603870

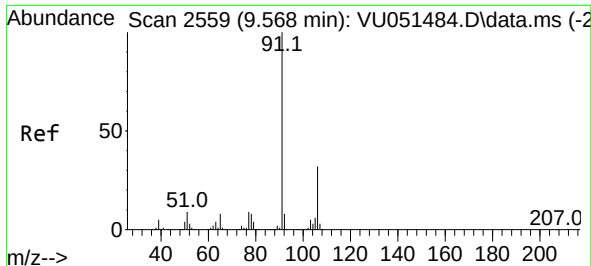
Ion Ratio Lower Upper

112 100

114 32.1 21.9 40.7

77 59.9 47.3 70.9

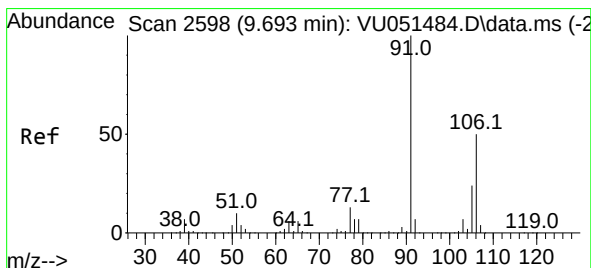
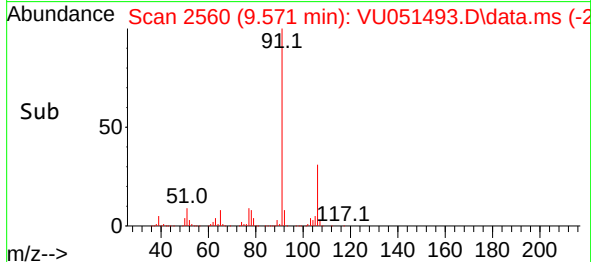
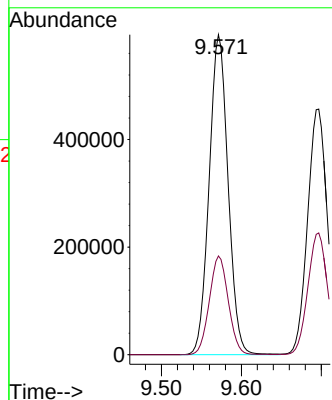
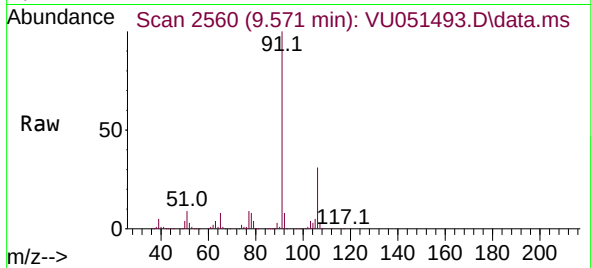




#52
Ethylbenzene
Concen: 49.299 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

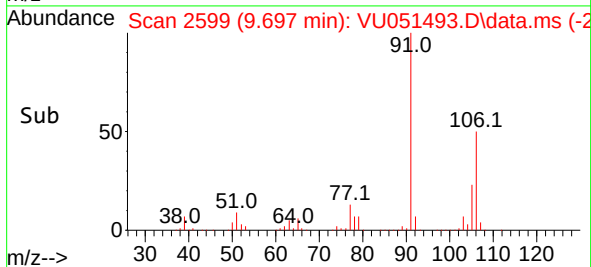
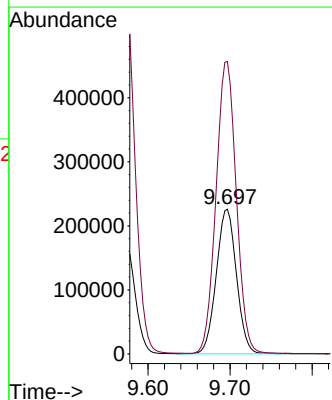
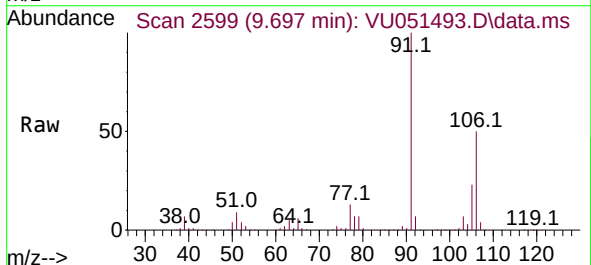
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

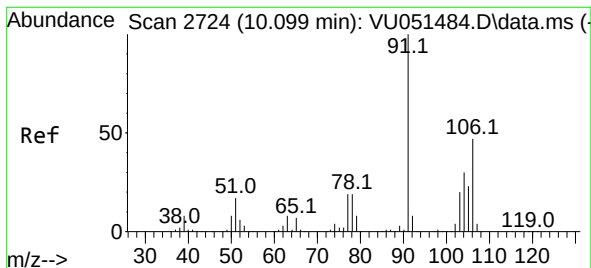
Tgt Ion: 91 Resp: 978435
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6



#53
m,p-Xylene
Concen: 50.485 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 106 Resp: 386207
Ion Ratio Lower Upper
106 100
91 201.8 141.3 262.3





#54

o-Xylene

Concen: 50.223 ug/L

RT: 10.102 min Scan# 2724

Delta R.T. 0.003 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

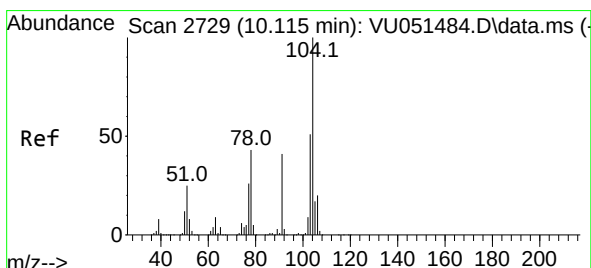
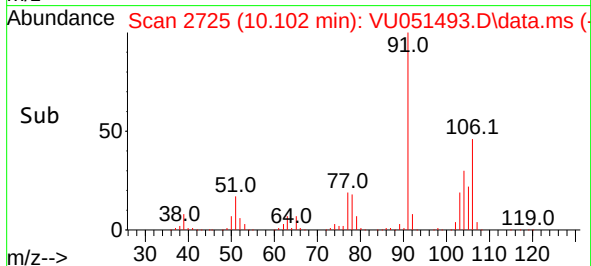
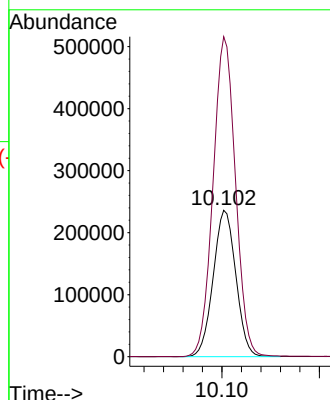
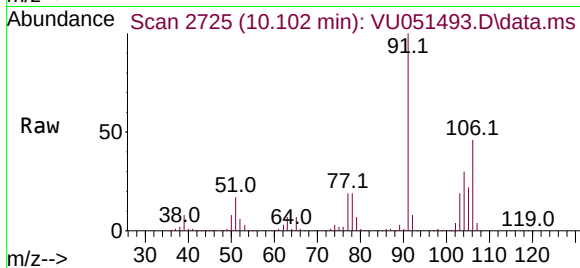
GBLN3MEMSD

Tgt Ion:106 Resp: 381107

Ion Ratio Lower Upper

106 100

91 218.5 153.2 284.4



#55

Styrene

Concen: 52.561 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU051493.D

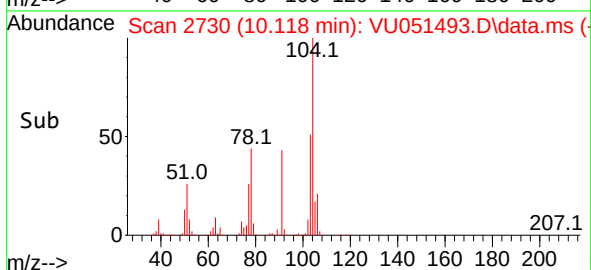
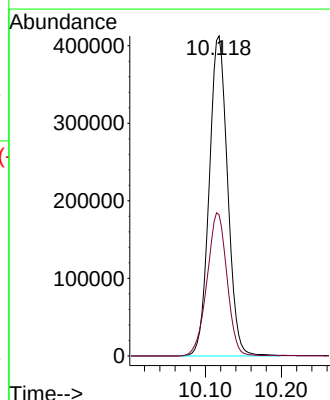
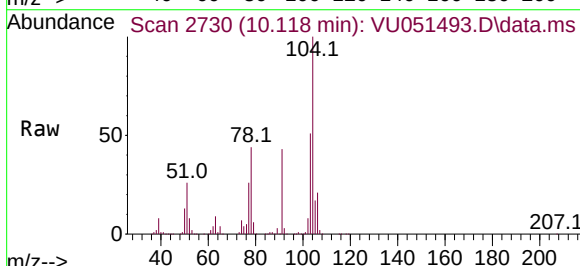
Acq: 25 Oct 2022 18:04

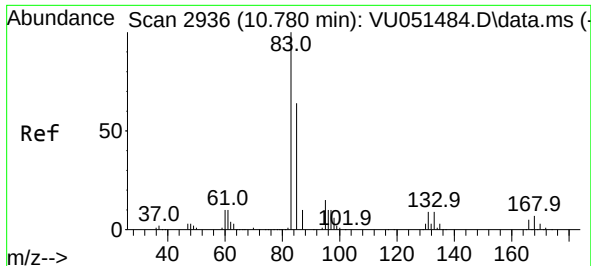
Tgt Ion:104 Resp: 693091

Ion Ratio Lower Upper

104 100

78 44.2 31.8 59.0

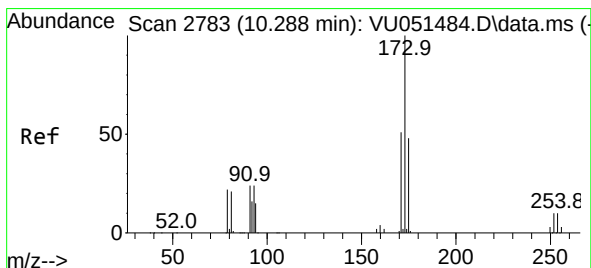
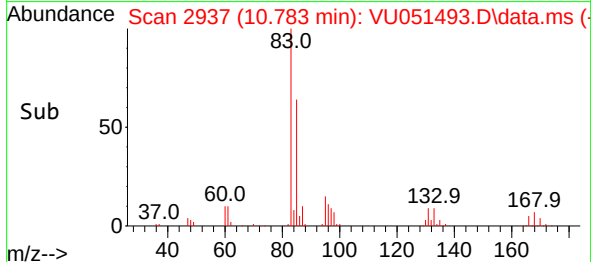
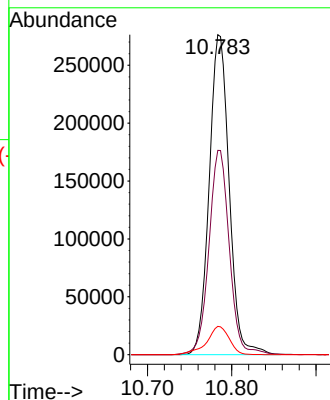
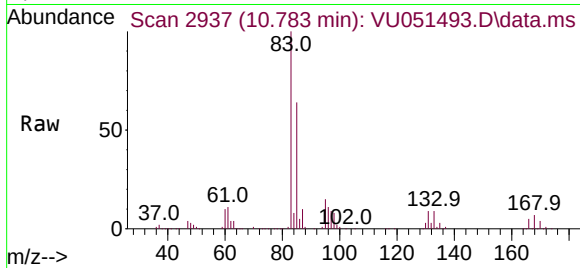




#57
1,1,2,2-Tetrachloroethane
Concen: 45.451 ug/L
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

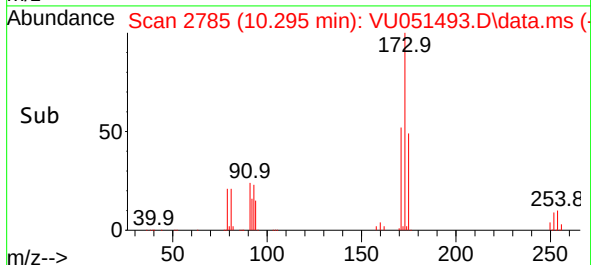
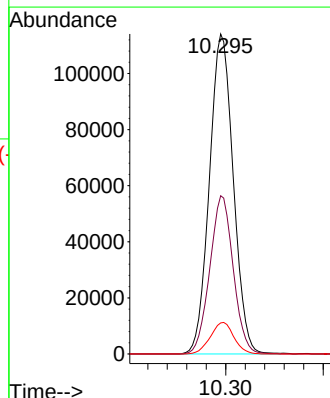
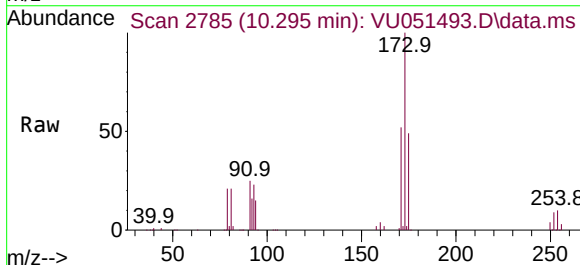
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

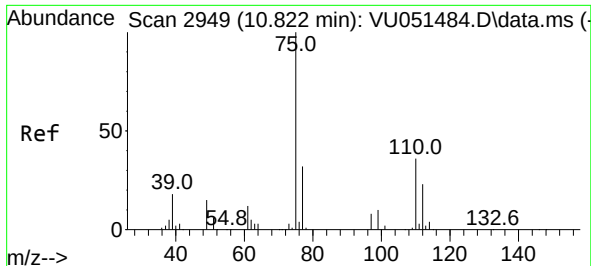
Tgt Ion: 83 Resp: 455256
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.5
131 8.8 7.4 11.2



#59
Bromoform
Concen: 45.022 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.007 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion:173 Resp: 194313
Ion Ratio Lower Upper
173 100
175 48.5 38.4 57.6
254 9.7 7.8 11.6

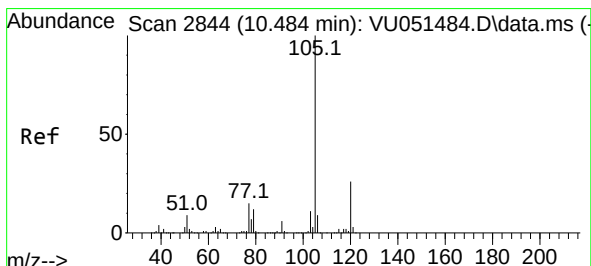
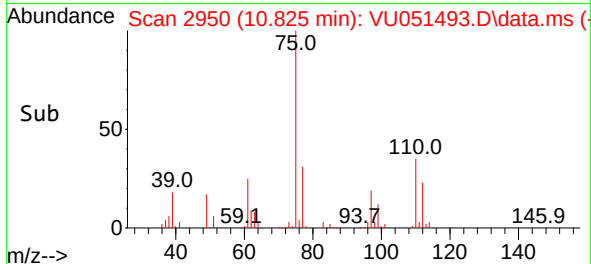
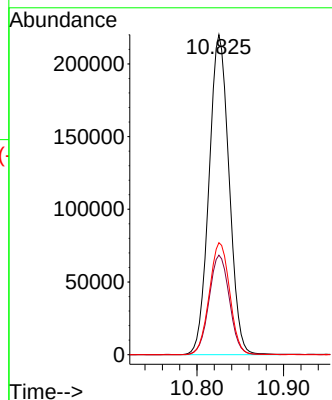
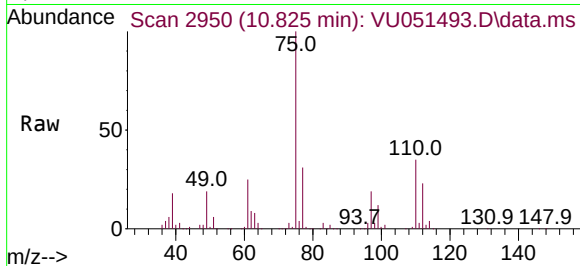




#60
1,2,3-Trichloropropane
Concen: 44.115 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

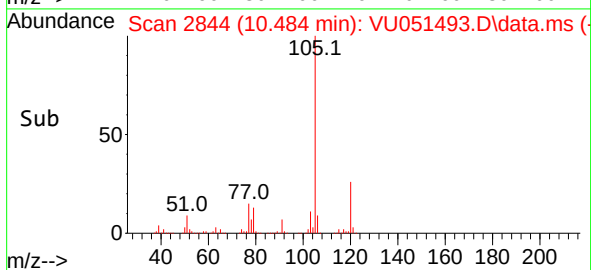
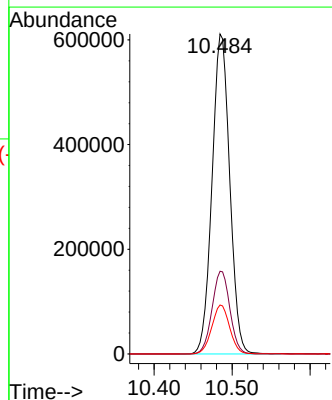
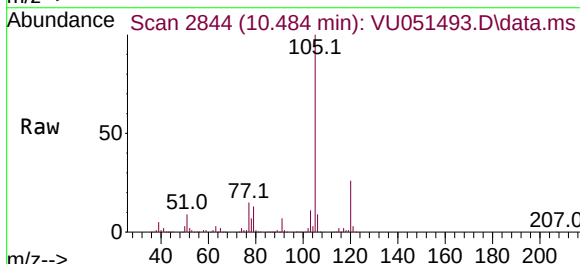
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

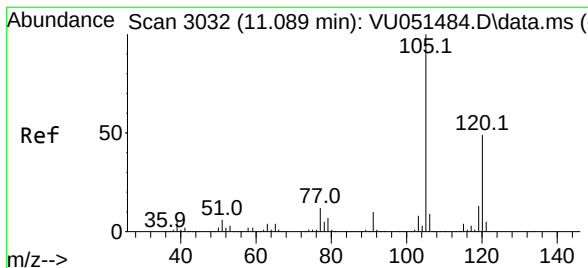
Tgt Ion: 75 Resp: 354274
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
110 35.5 28.7 43.1



#61
Isopropylbenzene
Concen: 49.522 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion: 105 Resp: 963715
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 15.4 12.6 19.0

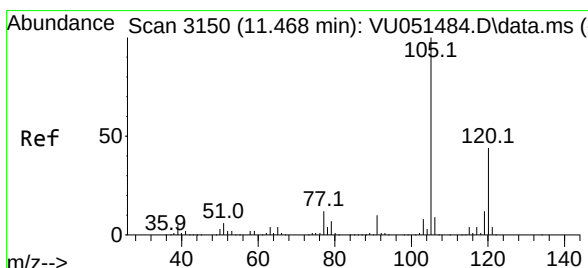
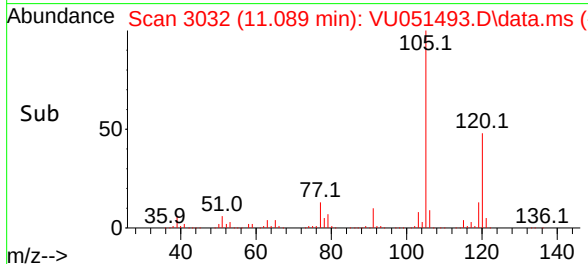
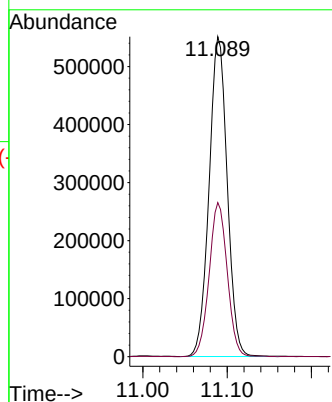
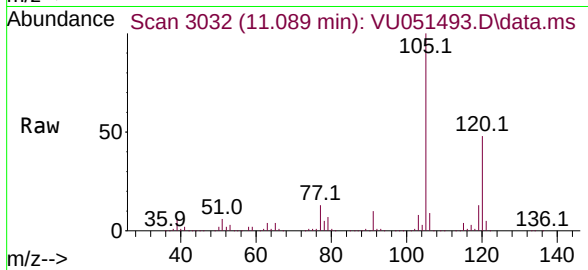




#62
 1,3,5-Trimethylbenzene
 Concen: 49.885 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

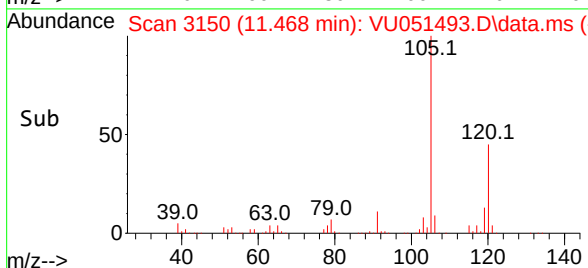
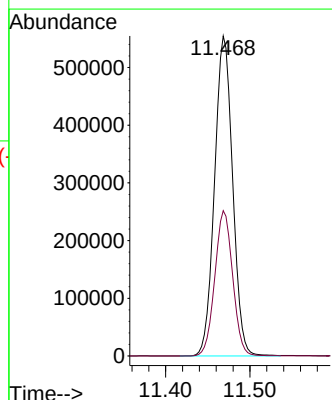
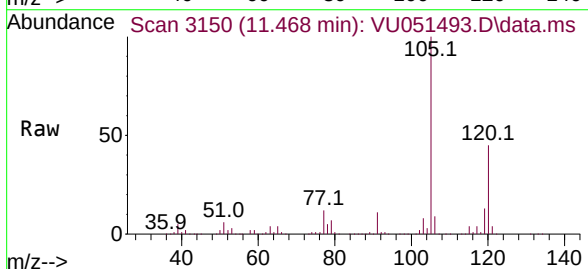
Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMSD

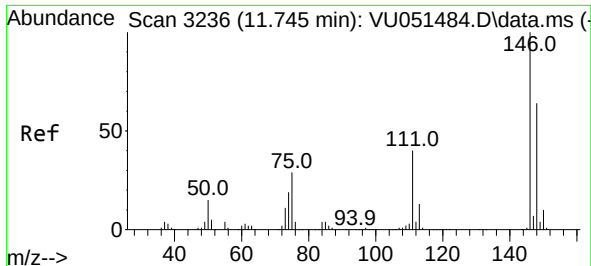
Tgt Ion:105 Resp: 824652
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 50.722 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

Tgt Ion:105 Resp: 825627
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.4 53.0

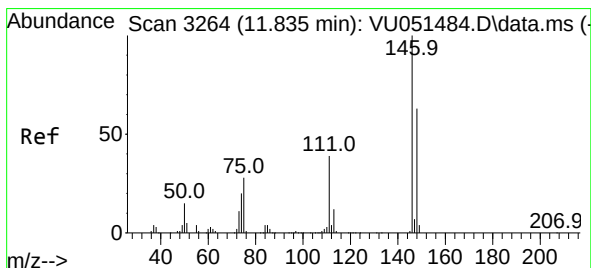
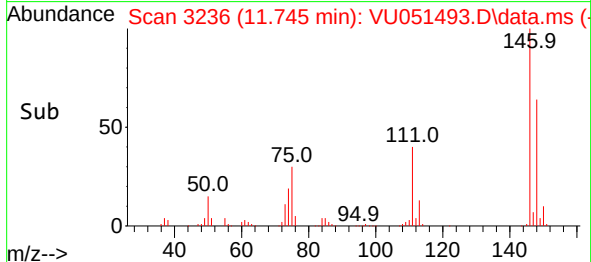
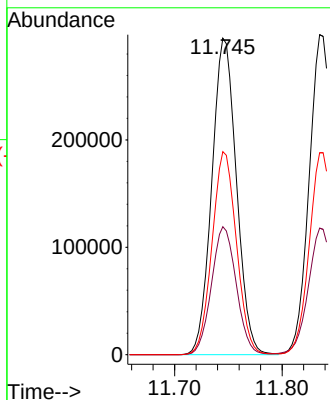
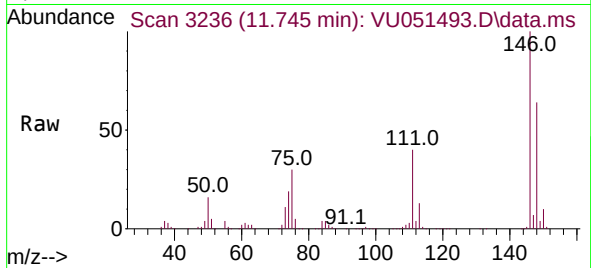




#64
1,3-Dichlorobenzene
Concen: 47.203 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

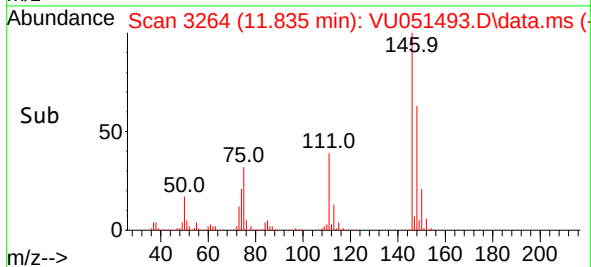
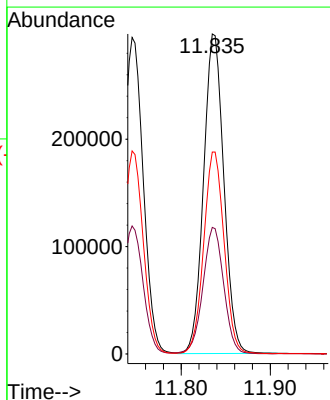
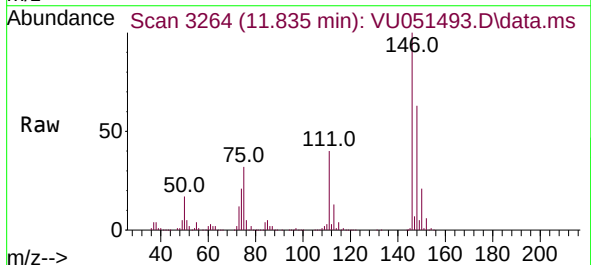
Instrument :
MSVOA_U
ClientSampleId :
GBLN3MEMSD

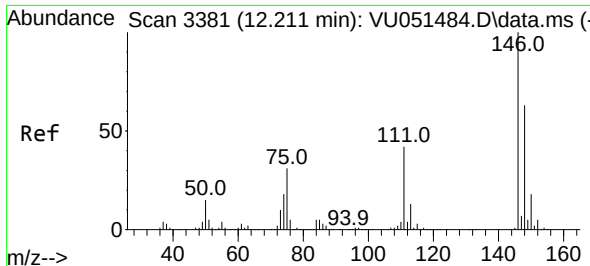
Tgt Ion:146 Resp: 468890
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 64.1 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 45.986 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051493.D
Acq: 25 Oct 2022 18:04

Tgt Ion:146 Resp: 469775
Ion Ratio Lower Upper
146 100
111 39.5 28.9 53.7
148 63.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 46.235 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

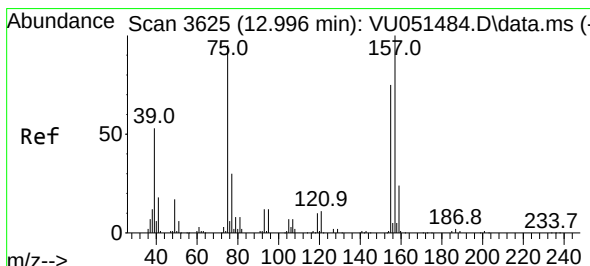
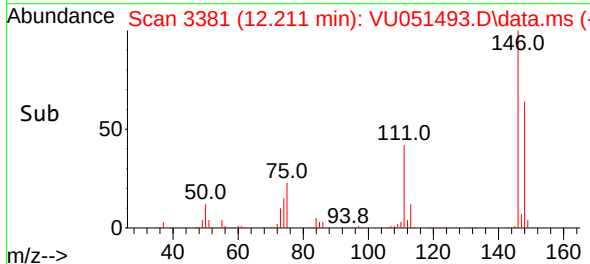
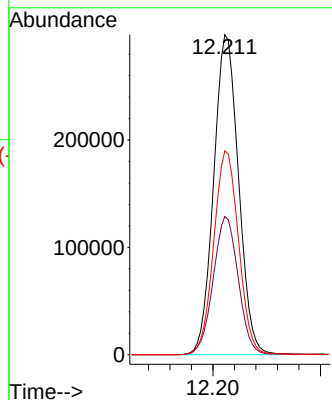
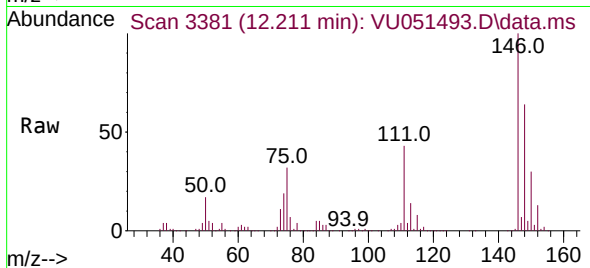
Tgt Ion:146 Resp: 478413

Ion Ratio Lower Upper

146 100

111 43.2 35.3 52.9

148 63.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 41.860 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

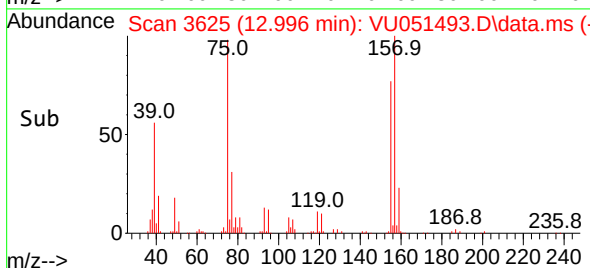
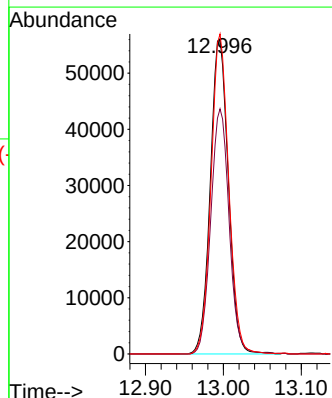
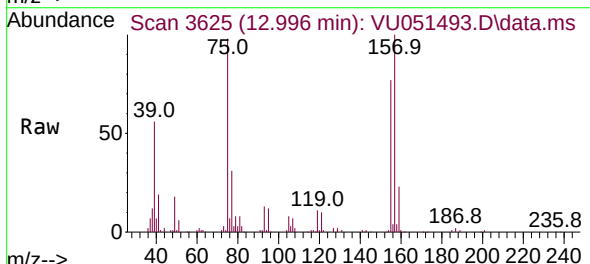
Tgt Ion: 75 Resp: 90729

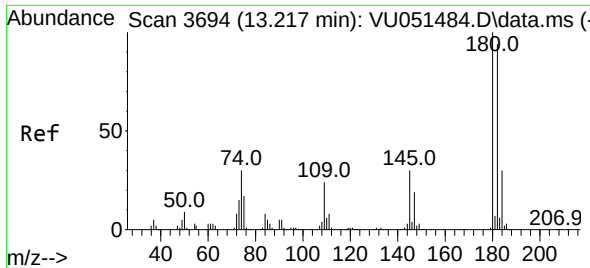
Ion Ratio Lower Upper

75 100

155 77.8 62.5 93.7

157 101.6 81.6 122.4



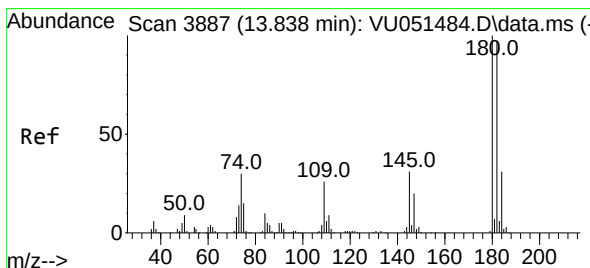
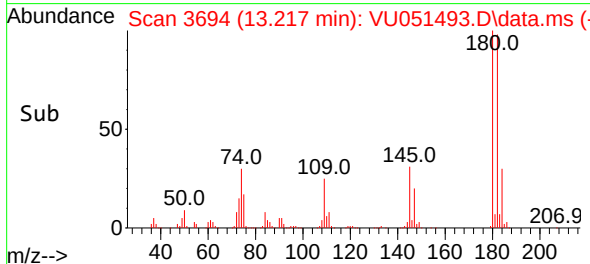
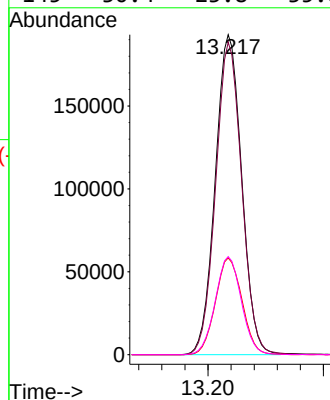
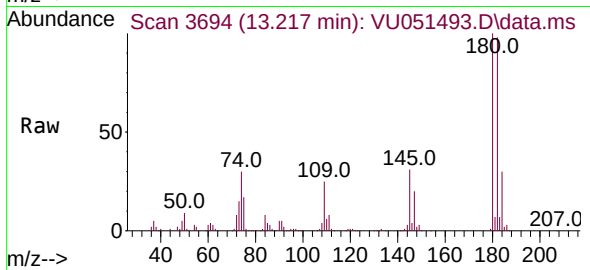


#69
 1,3,5-Trichlorobenzene
 Concen: 45.975 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMSD

Tgt Ion:180 Resp: 306363

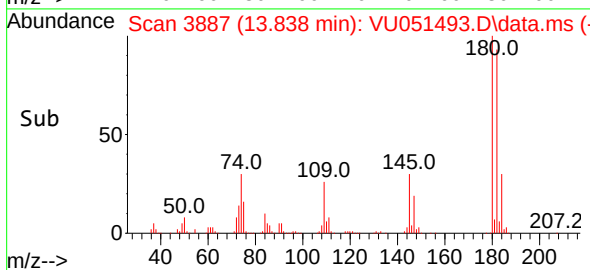
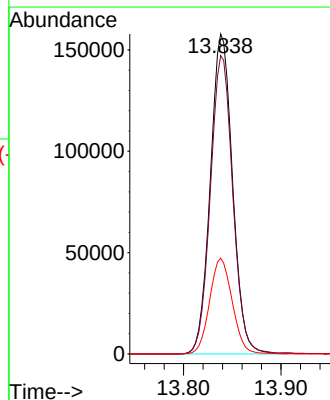
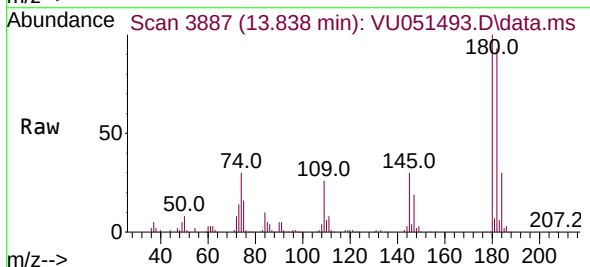
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.6	113.4
184	30.3	23.9	35.9
145	30.4	23.8	35.8

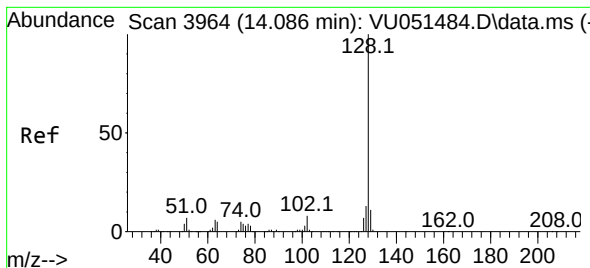


#70
 1,2,4-trichlorobenzene
 Concen: 48.770 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051493.D
 Acq: 25 Oct 2022 18:04

Tgt Ion:180 Resp: 250207

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
145	30.4	25.0	37.6





#71

Naphthalene

Concen: 51.385 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

GBLN3MEMSD

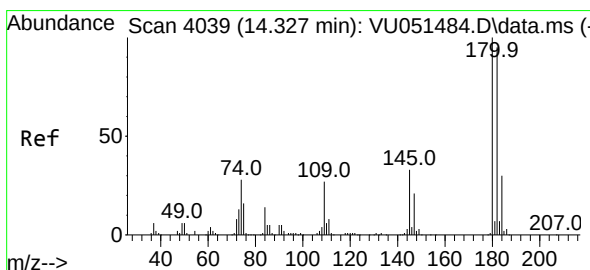
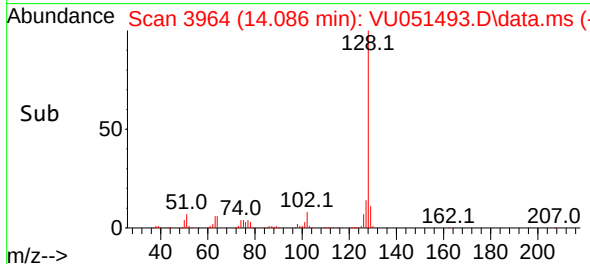
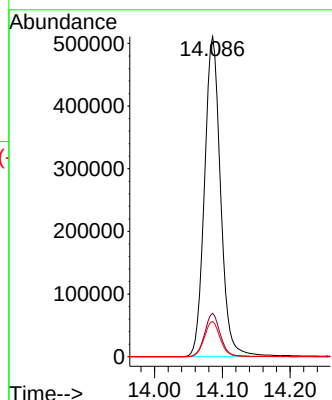
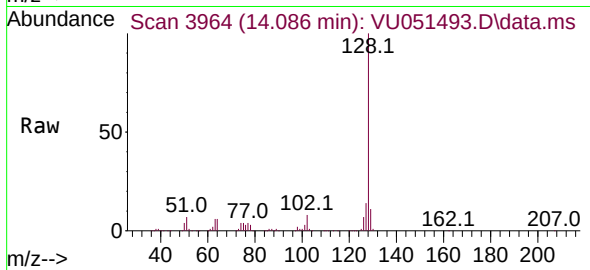
Tgt Ion:128 Resp: 843769

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.293 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU051493.D

Acq: 25 Oct 2022 18:04

Tgt Ion:180 Resp: 276975

Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.2

145 32.9 25.3 37.9

