

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046512.D
 Acq On : 20 Dec 2021 16:08
 Operator : SY/MD
 Sample : M5150-24MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0MSD

Quant Time: Dec 21 00:16:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	82731	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52533	77.085	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 154.160%#		
7) Chloroethane-d5	1.922	69	38283	73.164	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 146.320%#		
11) 1,1-Dichloroethene-d2	2.575	63	91834	75.064	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 150.120%#		
21) 2-Butanone-d5	4.642	46	78076	144.117	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 144.120%#		
24) Chloroform-d	5.067	84	93746	82.373	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 164.740%#		
26) 1,2-Dichloroethane-d4	5.703	65	61729	80.822	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 161.640%#		
32) Benzene-d6	5.732	84	179410	73.850	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 147.700%#		
36) 1,2-Dichloropropane-d6	6.693	67	54710	72.664	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 145.320%#		
41) Toluene-d8	7.899	98	161690	73.098	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 146.200%#		
43) trans-1,3-Dichloroprop...	8.182	79	27655	76.089	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 152.180%#		
47) 2-Hexanone-d5	8.636	63	57616	161.397	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 161.400%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83662	73.271	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 146.540%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	63322	68.262	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 136.520%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	56523	62.797	ug/L	99
3) Chloromethane	1.526	50	47958	59.569	ug/L	98
5) Vinyl chloride	1.610	62	69973	86.199	ug/L	99
6) Bromomethane	1.864	94	28374	61.670	ug/L	98
8) Chloroethane	1.941	64	27971	59.512	ug/L	98
9) Trichlorofluoromethane	2.147	101	67177	63.386	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35462	58.909	ug/L	98
12) 1,1-Dichloroethene	2.588	96	46944	82.065	ug/L	93
13) Acetone	2.658	43	45742	67.558	ug/L	99
14) Carbon disulfide	2.800	76	105068	59.201	ug/L	100
15) Methyl Acetate	2.961	43	40299	51.057	ug/L	96
16) Methylene chloride	3.054	84	38542	56.630	ug/L	100
17) trans-1,2-Dichloroethene	3.362	96	40972	67.681	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	107872	57.820	ug/L	99
19) 1,1-Dichloroethane	3.877	63	63888	58.044	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	424359	646.043	ug/L	98
22) 2-Butanone	4.723	43	60994	82.753	ug/L	96
23) Bromochloromethane	4.980	128	20174	60.811	ug/L	90
25) Chloroform	5.092	83	68652	56.137	ug/L	98

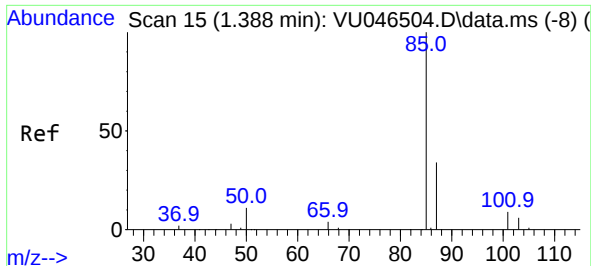
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
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 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	55824	61.514	ug/L	97
29) Cyclohexane	5.394	56	54430	55.148	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	61793	59.391	ug/L	98
31) Carbon tetrachloride	5.530	117	53857	60.973	ug/L	100
33) Benzene	5.777	78	149050	58.100	ug/L	100
34) Trichloroethene	6.549	95	3327999	4924.292	ug/L	96
35) Methylcyclohexane	6.767	83	63299	60.405	ug/L	99
37) 1,2-Dichloropropane	6.793	63	36902	54.912	ug/L	98
38) Bromodichloromethane	7.108	83	50893	56.977	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	58810	57.525	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	102285	103.594	ug/L	99
42) Toluene	7.970	91	156652	56.908	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58312	58.073	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	37305	55.331	ug/L	98
46) Tetrachloroethene	8.555	164	30410	61.230	ug/L	96
48) 2-Hexanone	8.687	43	82733	93.693	ug/L	98
49) Dibromochloromethane	8.812	129	40518	57.229	ug/L	95
50) 1,2-Dibromoethane	8.925	107	40271	55.093	ug/L	99
51) Chlorobenzene	9.449	112	96962	54.446	ug/L	100
52) Ethylbenzene	9.571	91	162347	54.800	ug/L	99
53) m,p-Xylene	9.693	106	65143	56.384	ug/L	96
54) o-xylene	10.102	106	61493	54.852	ug/L	100
55) Styrene	10.115	104	107592	56.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	63327	54.786	ug/L	99
59) Bromoform	10.291	173	30466	53.916	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	53149	50.336	ug/L	99
61) Isopropylbenzene	10.484	105	163102	52.043	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	137755	52.735	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	141189	54.023	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	76766	51.566	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	79215	51.487	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	77267	51.540	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	16271	57.845	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	56891	52.448	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	49606	51.535	ug/L	99
71) Naphthalene	14.085	128	179156	53.486	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52815	53.807	ug/L	100

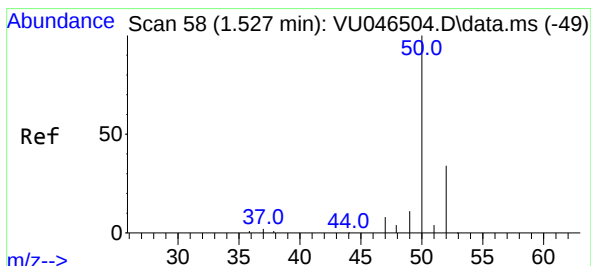
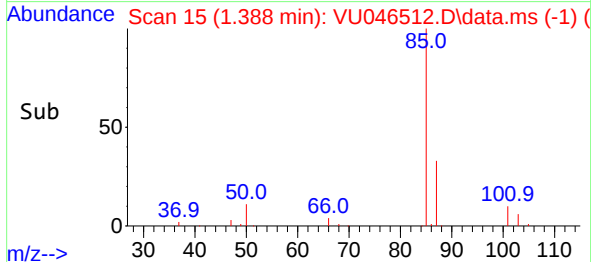
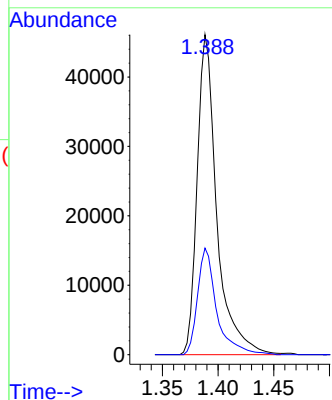
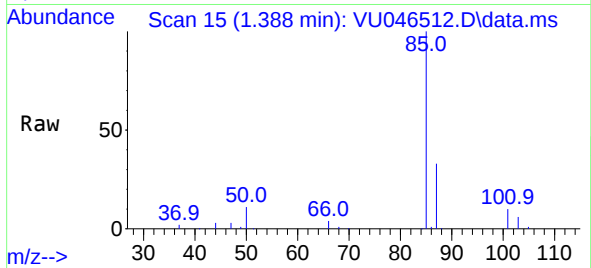
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#2
Dichlorodifluoromethane
Concen: 62.797 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

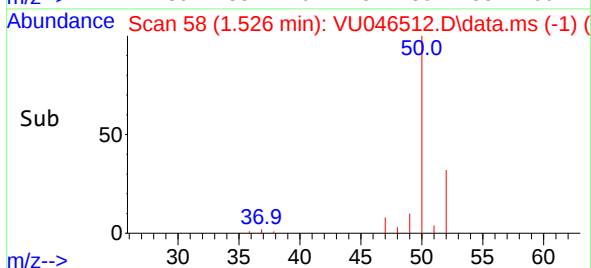
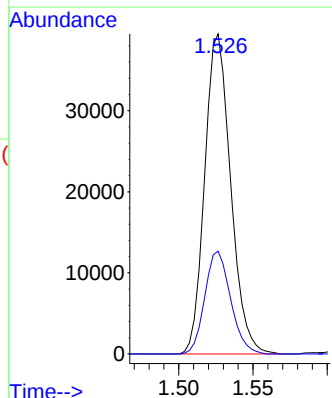
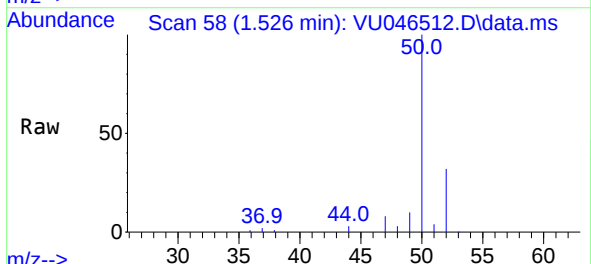
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

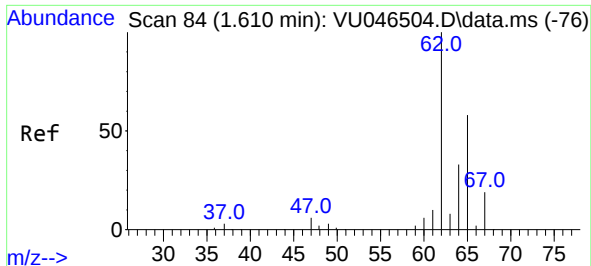
Tgt Ion: 85 Resp: 56523
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 59.569 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 50 Resp: 47958
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

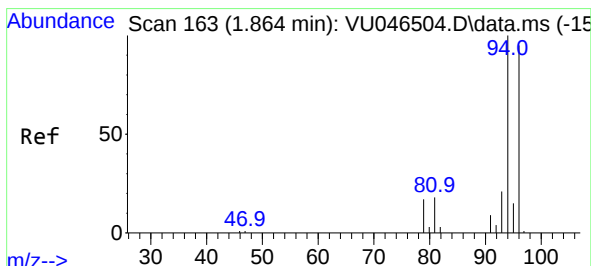
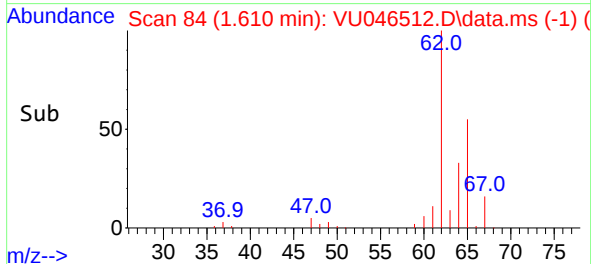
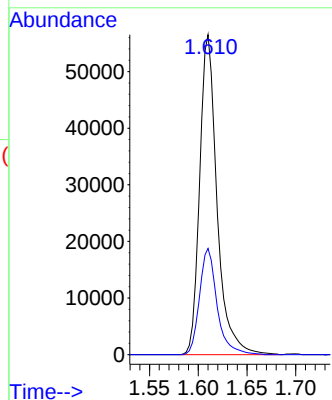
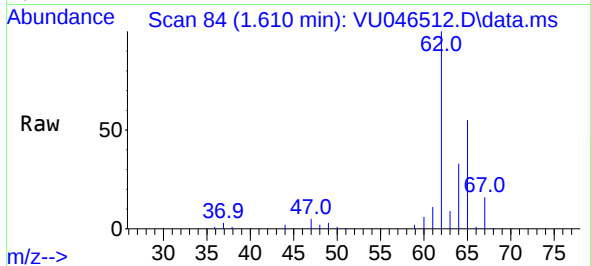




#5
 Vinyl chloride
 Concen: 86.199 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046512.D
 Acq: 20 Dec 2021 16:08

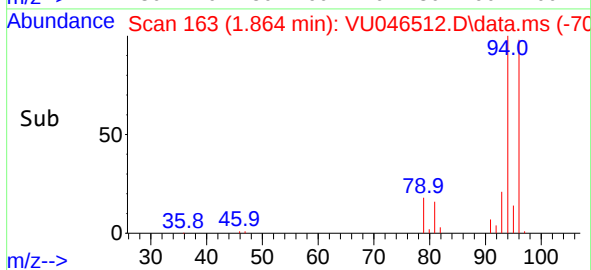
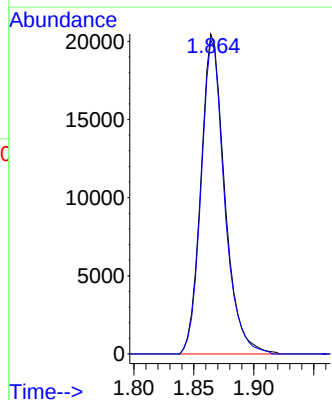
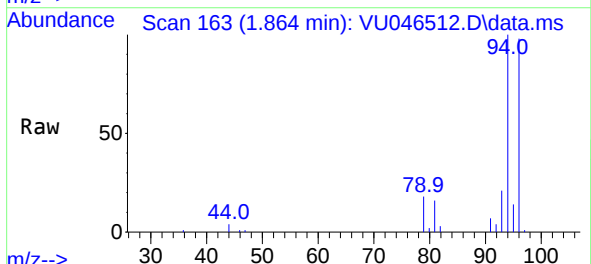
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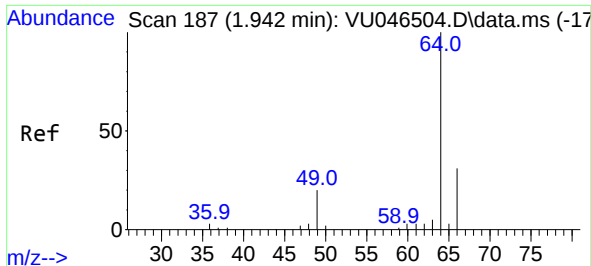
Tgt Ion: 62 Resp: 69973
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 61.670 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046512.D
 Acq: 20 Dec 2021 16:08

Tgt Ion: 94 Resp: 28374
 Ion Ratio Lower Upper
 94 100
 96 98.2 67.4 125.2

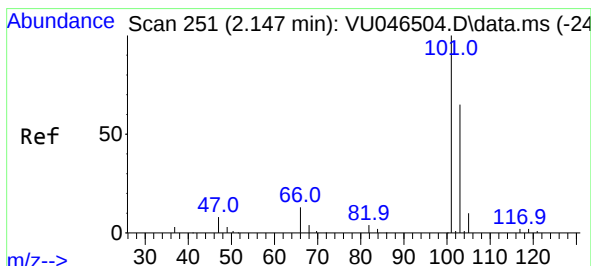
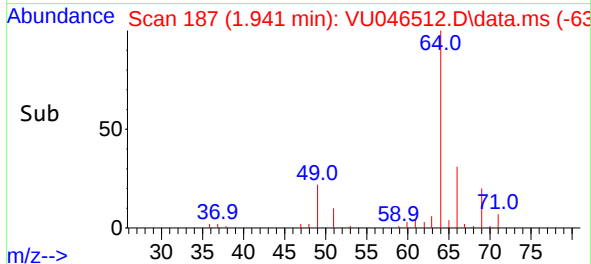
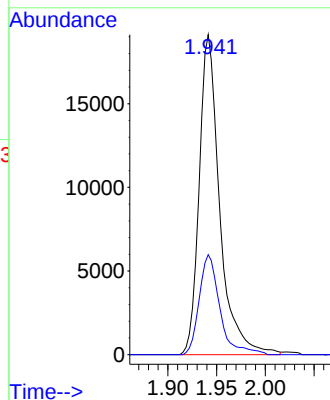
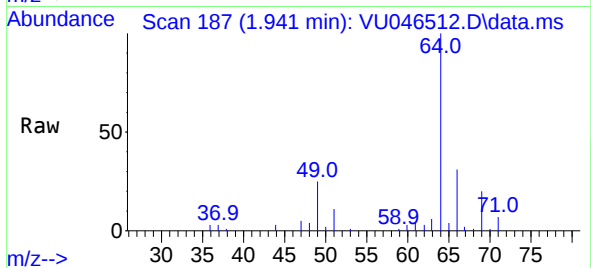




#8
Chloroethane
Concen: 59.512 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

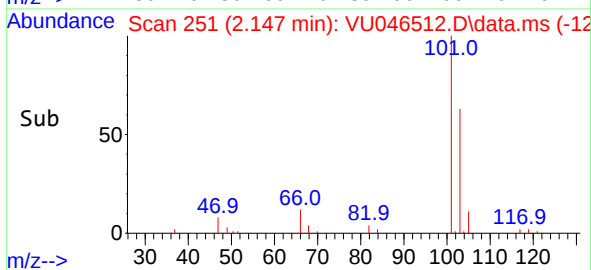
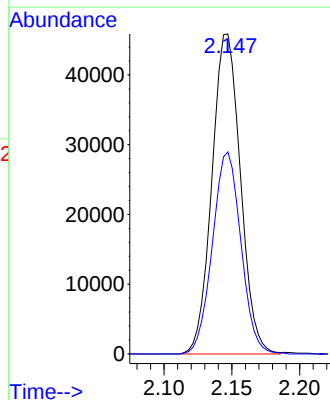
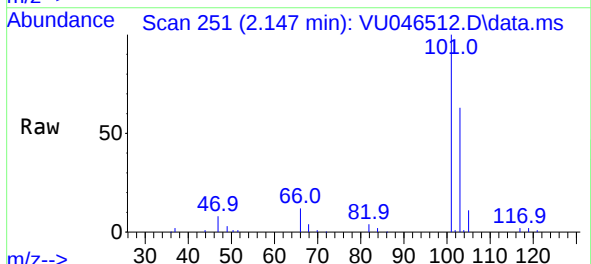
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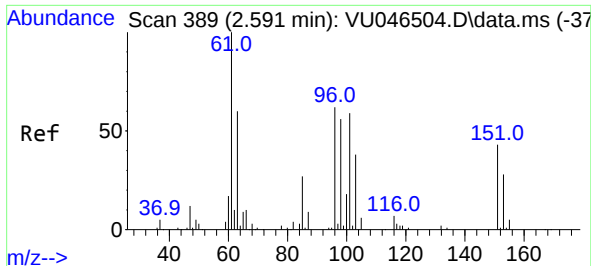
Tgt Ion: 64 Resp: 27971
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 63.386 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:101 Resp: 67177
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6

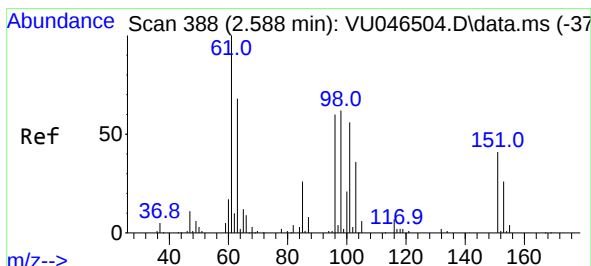
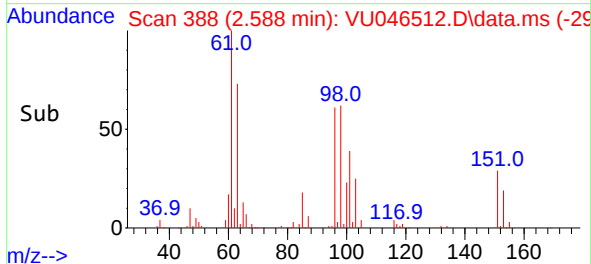
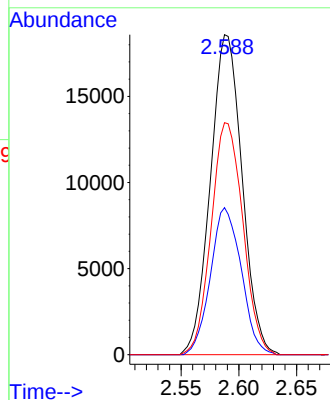
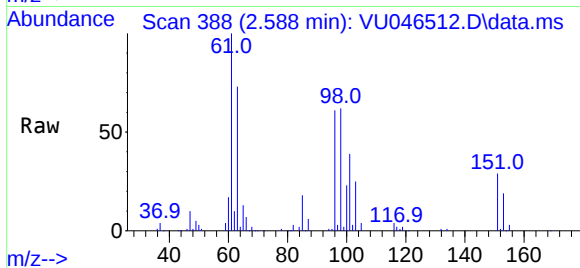




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 58.909 ug/L
RT: 2.588 min Scan# 389
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

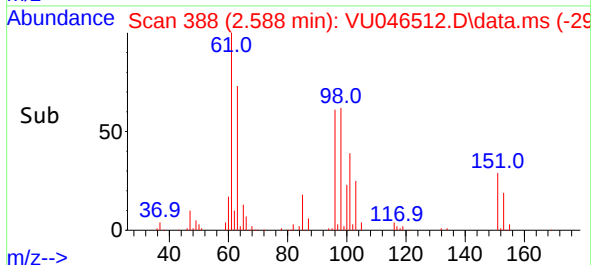
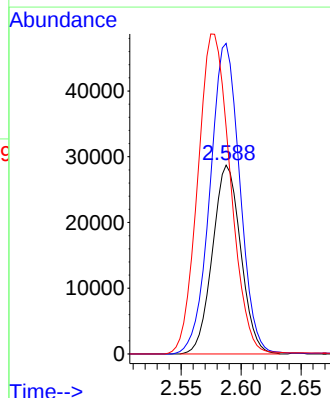
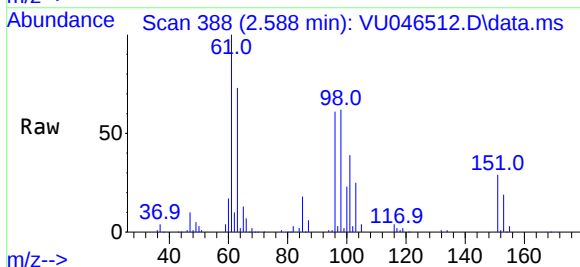
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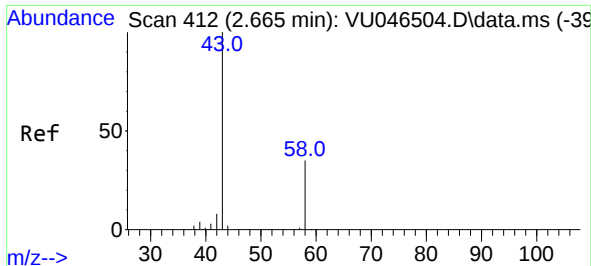
Tgt Ion:101 Resp: 35462
Ion Ratio Lower Upper
101 100
85 44.6 35.1 52.7
151 72.4 56.7 85.1



#12
1,1-Dichloroethene
Concen: 82.065 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 96 Resp: 46944
Ion Ratio Lower Upper
96 100
61 164.5 118.6 220.2
63 120.2 93.0 172.8





#13

Acetone

Concen: 67.558 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

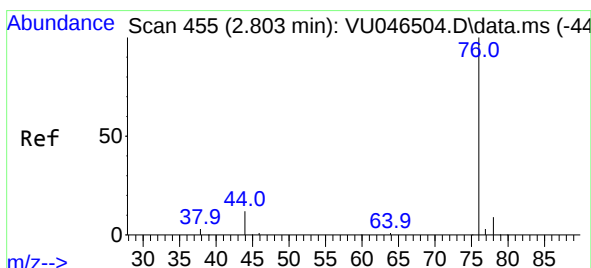
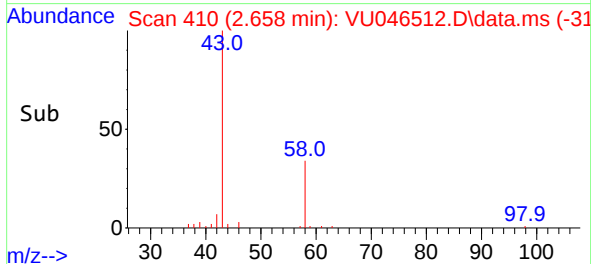
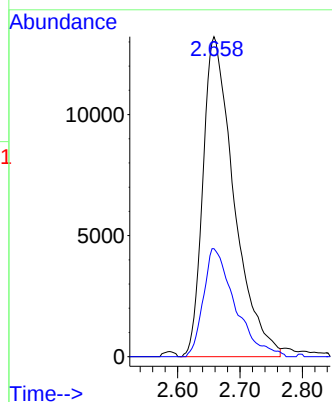
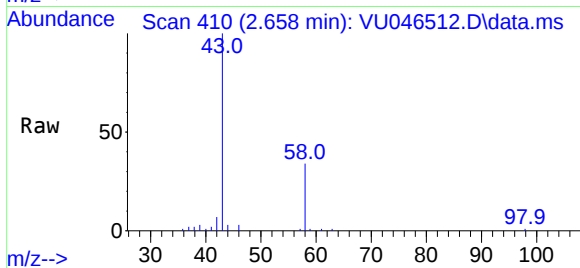
GBBY0MSD

Tgt Ion: 43 Resp: 45742

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.8



#14

Carbon disulfide

Concen: 59.201 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046512.D

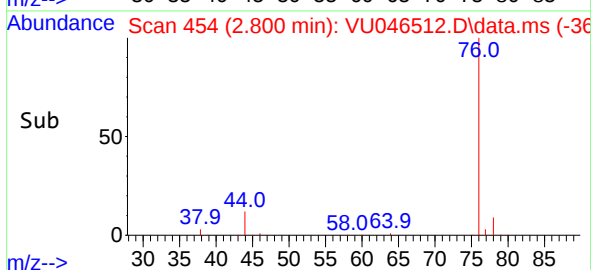
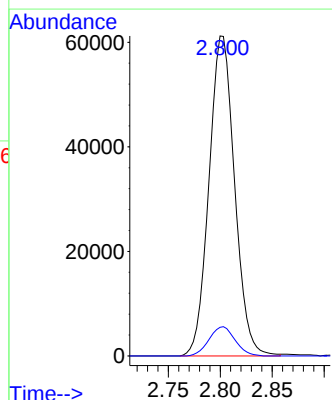
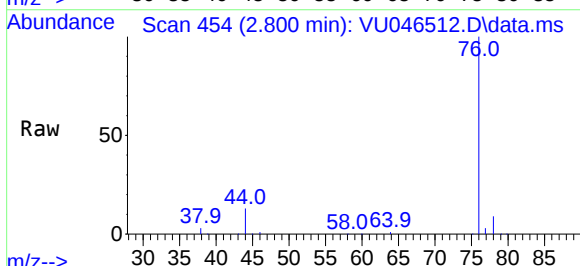
Acq: 20 Dec 2021 16:08

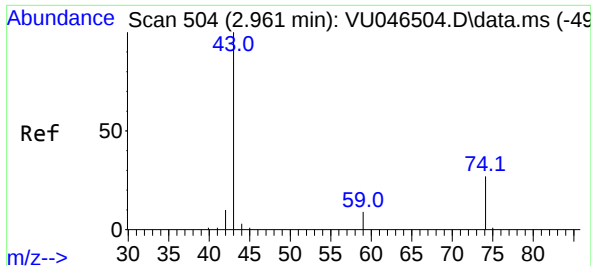
Tgt Ion: 76 Resp: 105068

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

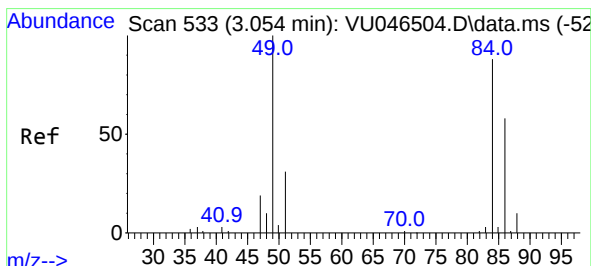
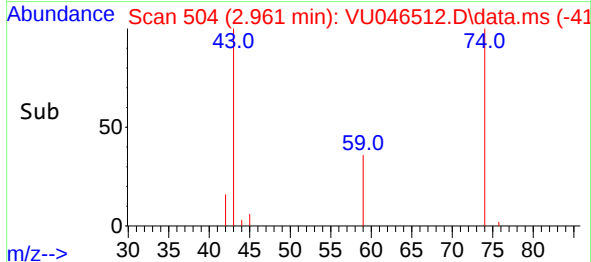
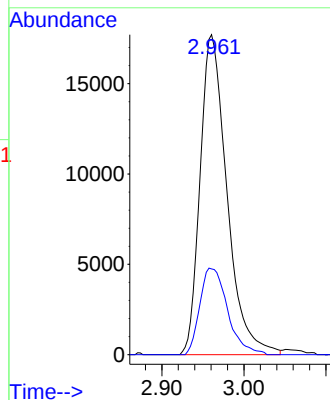
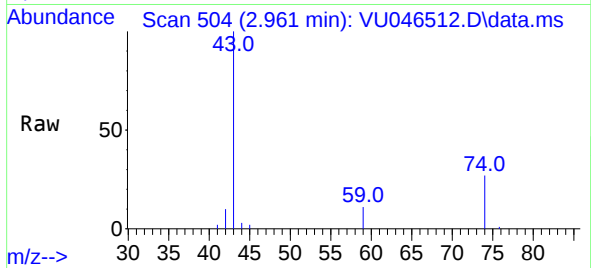




#15
Methyl Acetate
Concen: 51.057 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

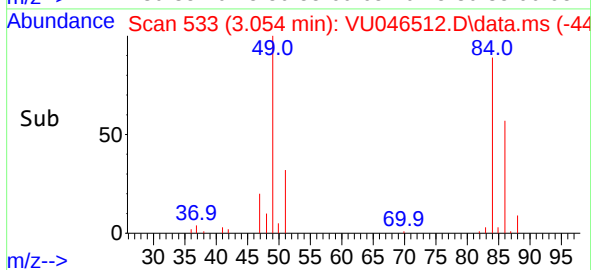
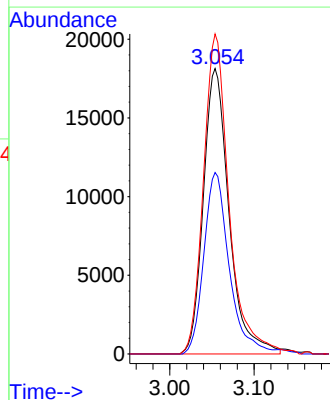
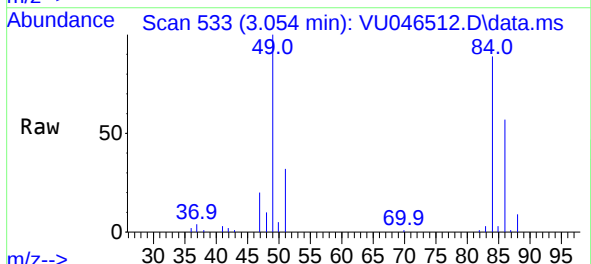
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

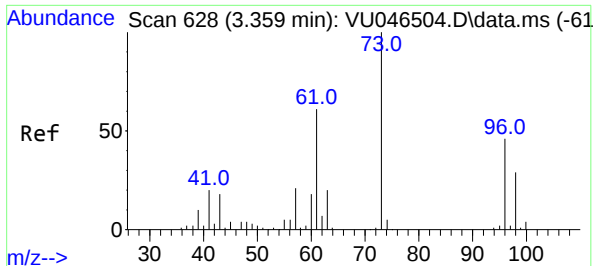
Tgt Ion: 43 Resp: 40299
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 56.630 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 84 Resp: 38542
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 112.1 78.4 145.6

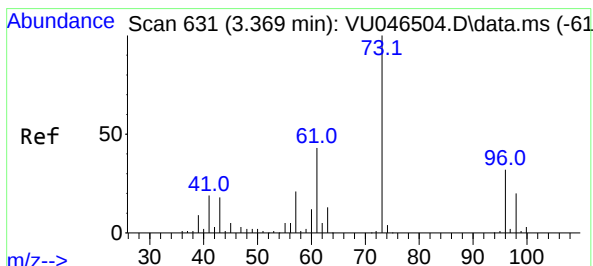
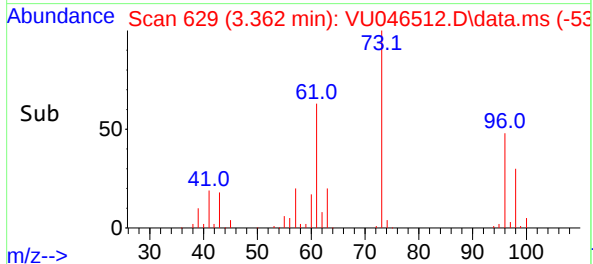
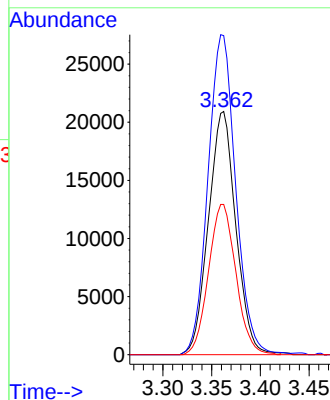
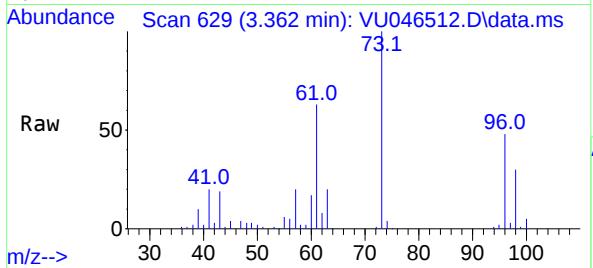




#17
trans-1,2-Dichloroethene
Concen: 67.681 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

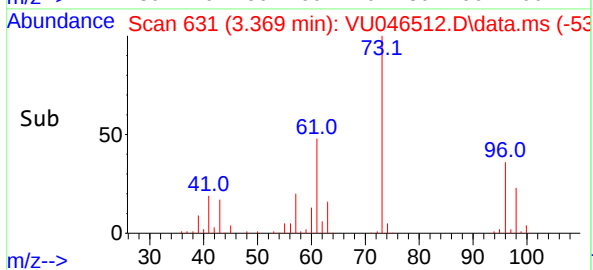
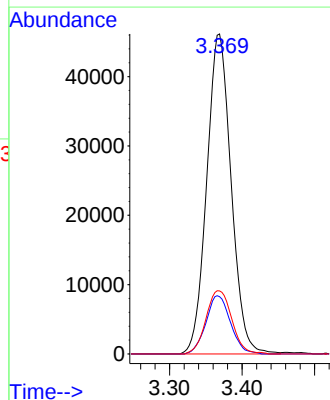
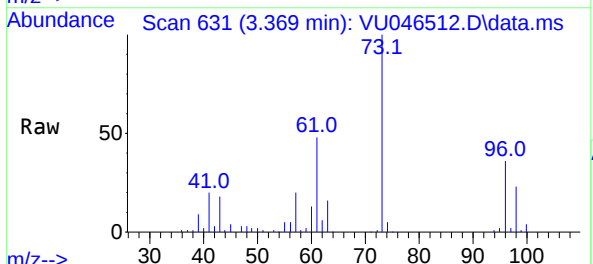
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

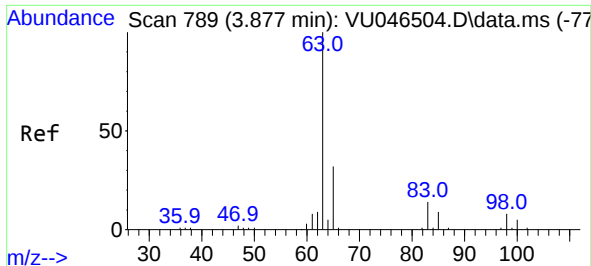
Tgt Ion: 96 Resp: 40972
Ion Ratio Lower Upper
96 100
61 131.2 94.6 175.6
98 61.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 57.820 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 73 Resp: 107872
Ion Ratio Lower Upper
73 100
43 18.3 14.0 21.0
57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 58.044 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MSD

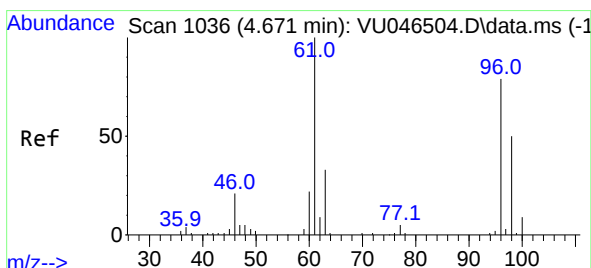
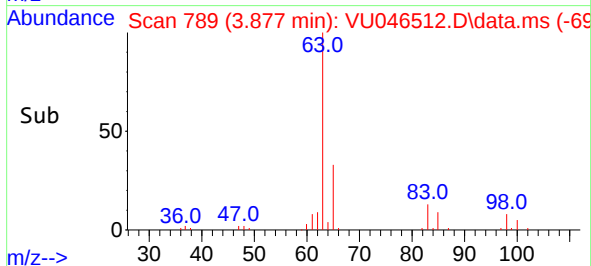
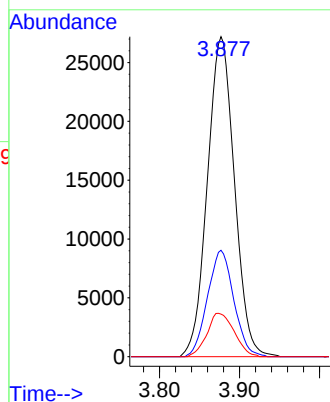
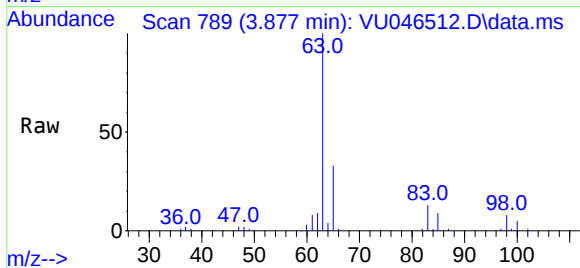
Tgt Ion: 63 Resp: 63888

Ion Ratio Lower Upper

63 100

65 33.3 22.8 42.4

83 13.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 646.043 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

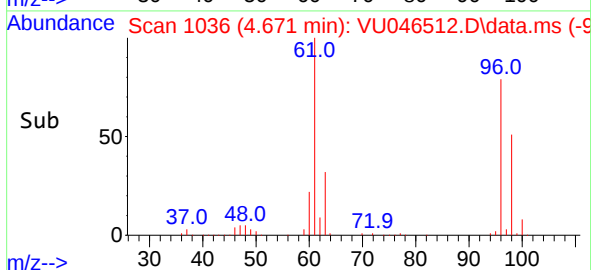
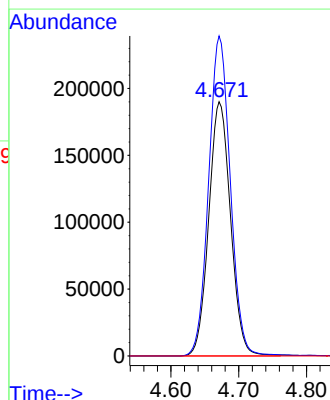
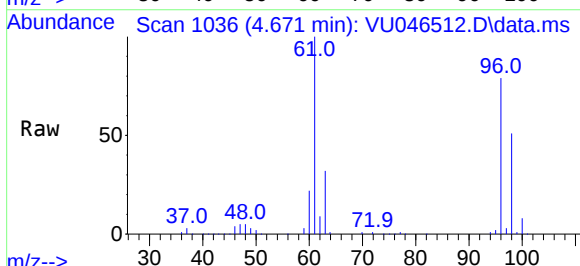
Tgt Ion: 96 Resp: 424359

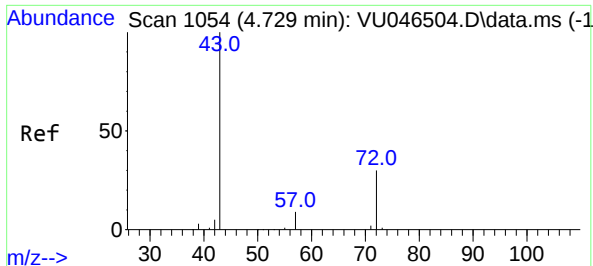
Ion Ratio Lower Upper

96 100

61 125.9 86.8 161.2

68 0.0 0.0 0.0

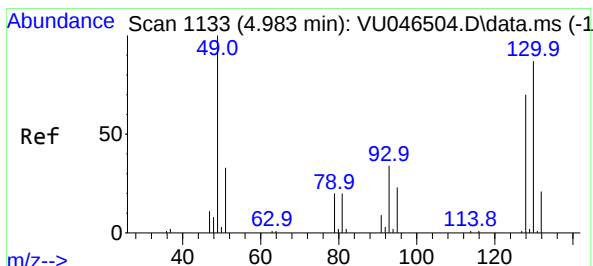
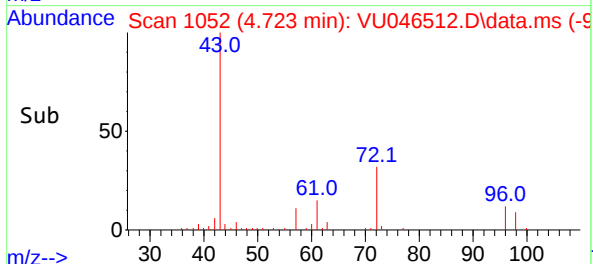
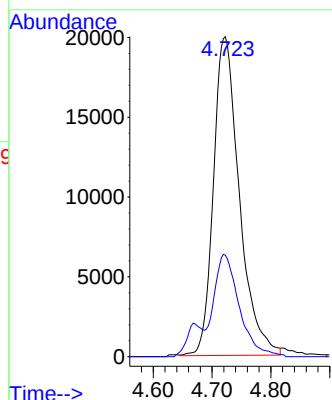
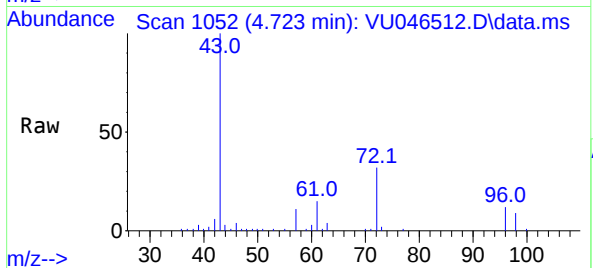




#22
2-Butanone
Concen: 82.753 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

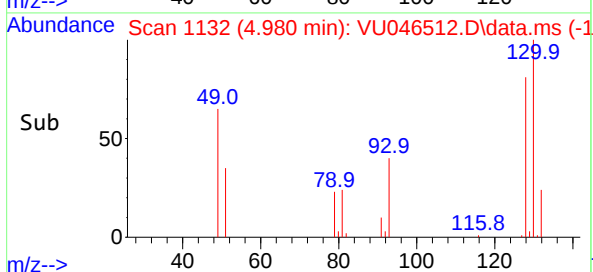
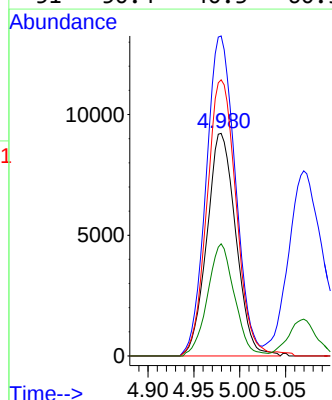
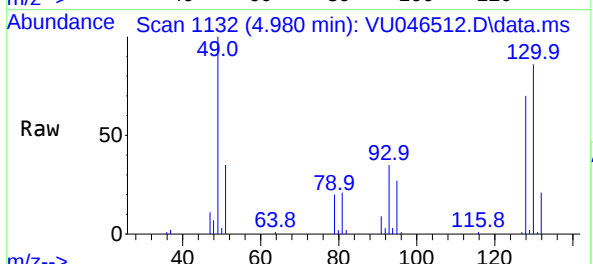
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

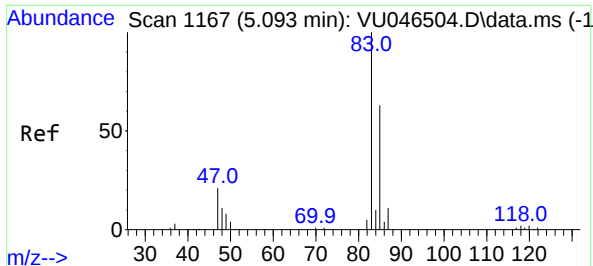
Tgt Ion: 43 Resp: 60994
Ion Ratio Lower Upper
43 100
72 31.1 14.5 43.6



#23
Bromochloromethane
Concen: 60.811 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 128 Resp: 20174
Ion Ratio Lower Upper
128 100
49 143.8 115.9 215.3
130 124.0 91.8 170.4
51 50.4 40.3 60.5





#25

Chloroform

Concen: 56.137 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

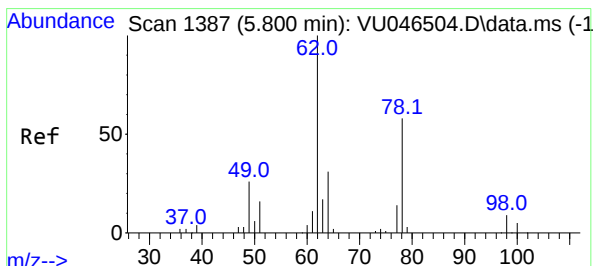
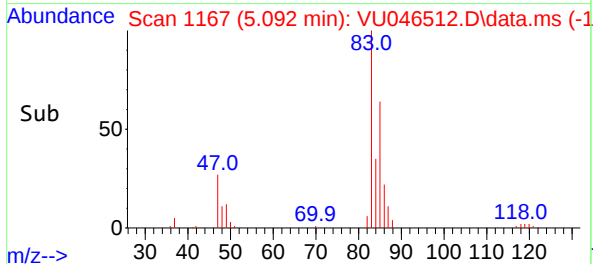
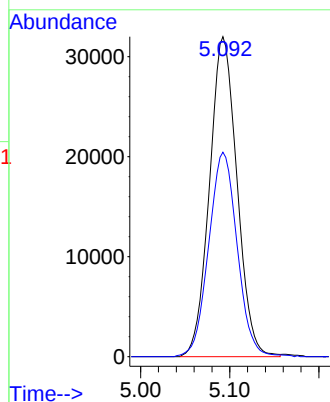
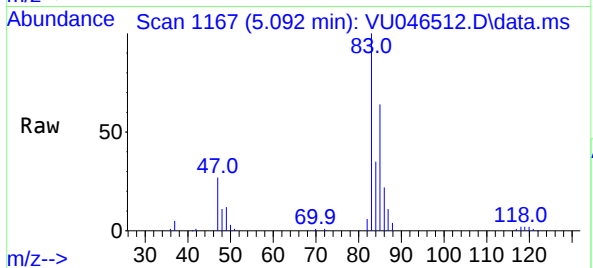
GBBY0MSD

Tgt Ion: 83 Resp: 68652

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 61.514 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046512.D

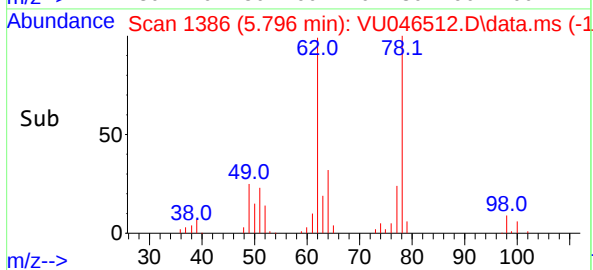
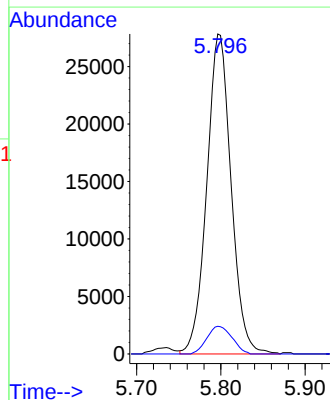
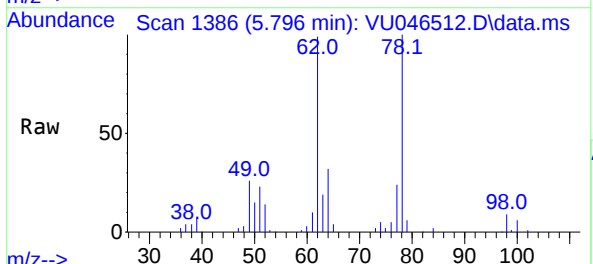
Acq: 20 Dec 2021 16:08

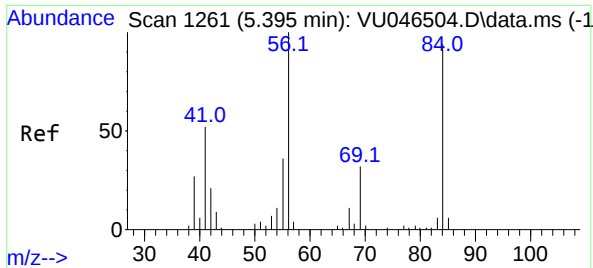
Tgt Ion: 62 Resp: 55824

Ion Ratio Lower Upper

62 100

98 8.6 7.9 11.9





#29

Cyclohexane

Concen: 55.148 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MSD

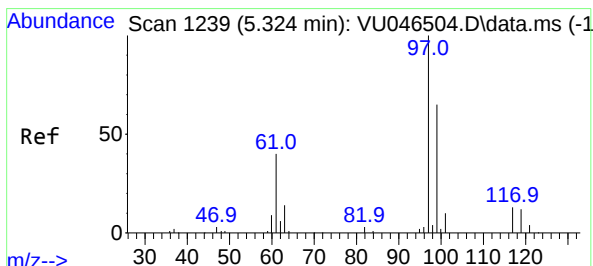
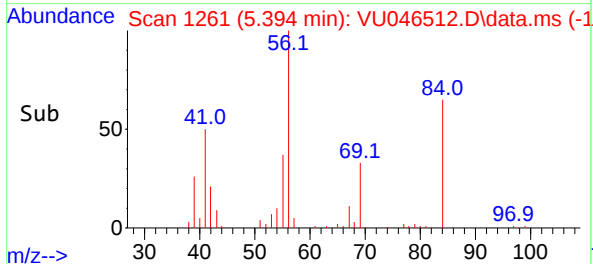
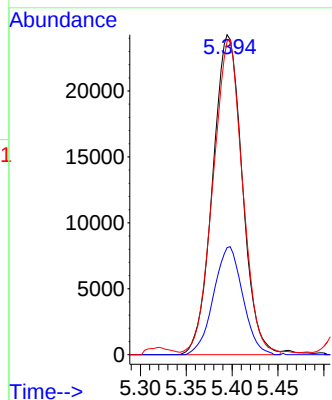
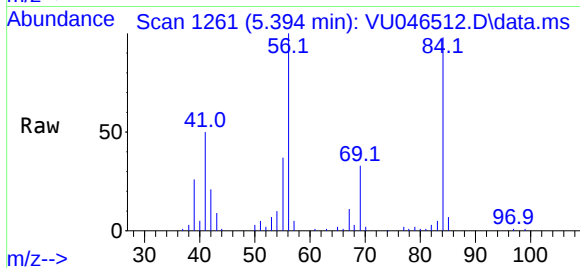
Tgt Ion: 56 Resp: 54430

Ion Ratio Lower Upper

56 100

69 33.3 25.2 37.8

84 96.9 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 59.391 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

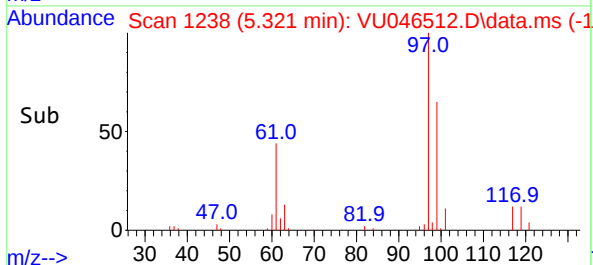
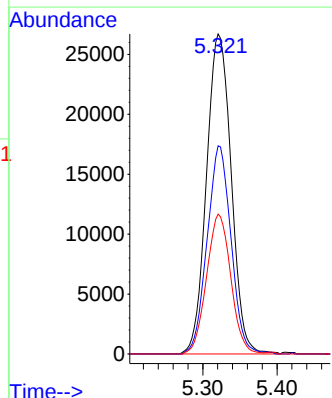
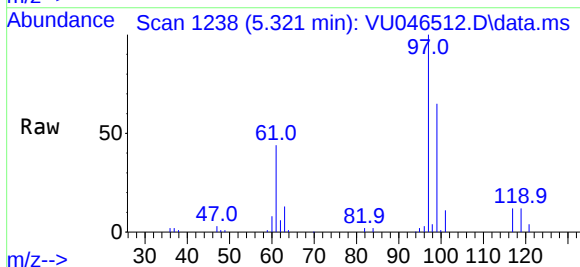
Tgt Ion: 97 Resp: 61793

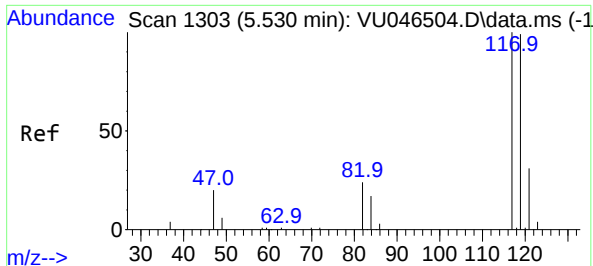
Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.6

61 42.8 34.4 51.6

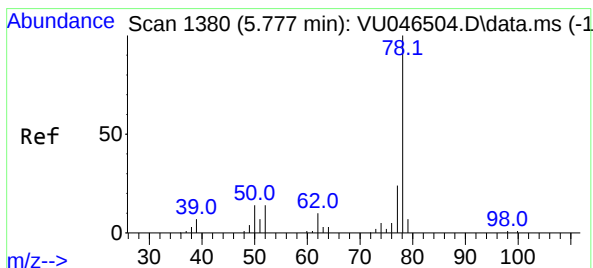
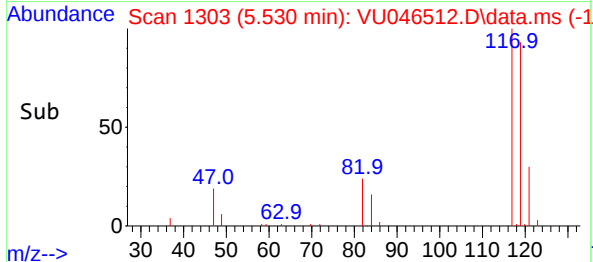
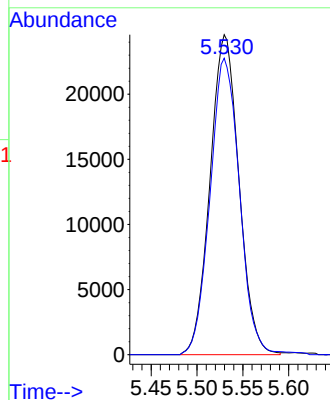
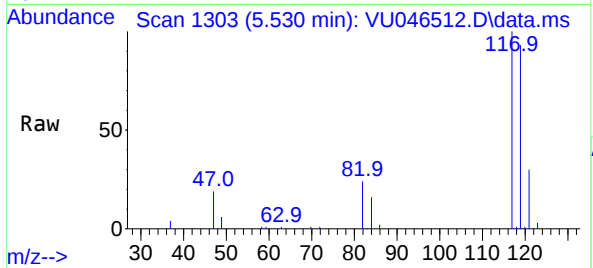




#31
Carbon tetrachloride
Concen: 60.973 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

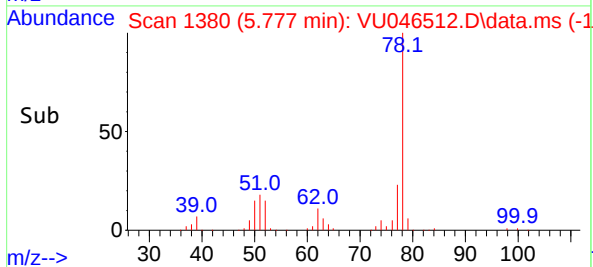
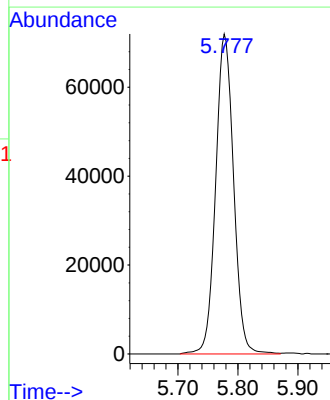
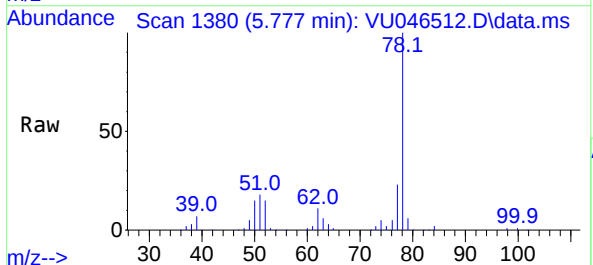
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

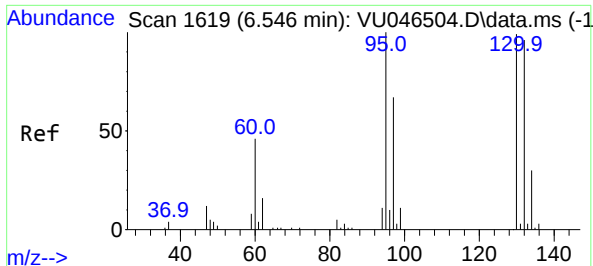
Tgt Ion:117 Resp: 53857
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5



#33
Benzene
Concen: 58.100 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 78 Resp: 149050



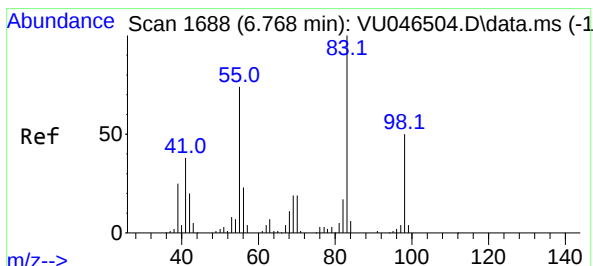
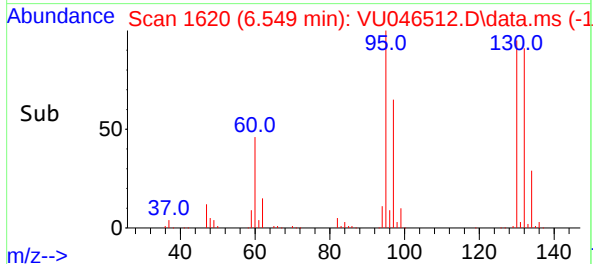
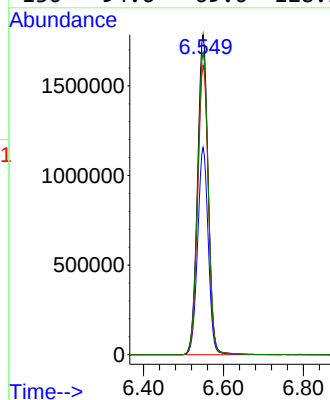
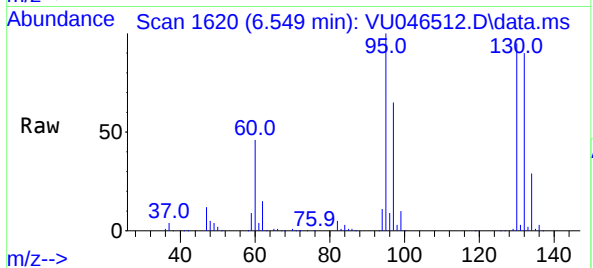


#34
Trichloroethene
Concen: 4924.292 ug/L
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

Tgt Ion: 95 Resp: 3327999

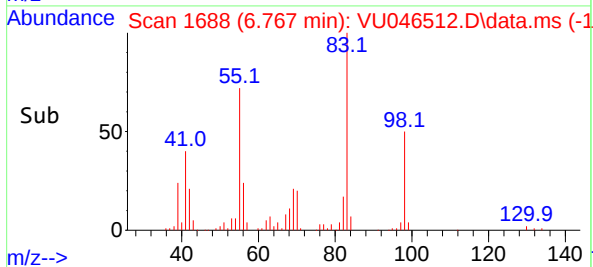
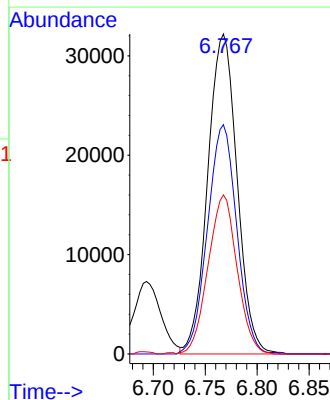
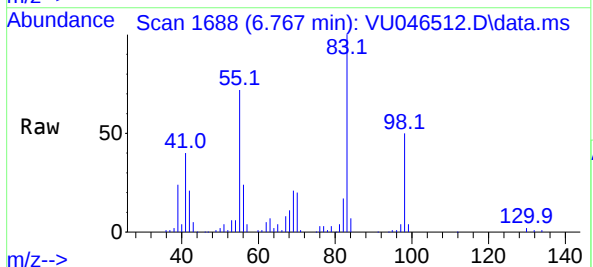
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.1	81.9
132	90.5	66.8	124.0
130	94.6	69.0	128.1

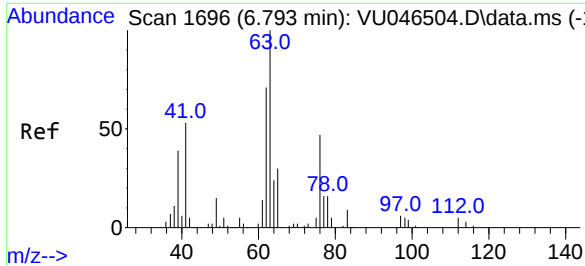


#35
Methylcyclohexane
Concen: 60.405 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 83 Resp: 63299

Ion	Ratio	Lower	Upper
83	100		
55	71.4	57.8	86.6
98	49.1	38.4	57.6

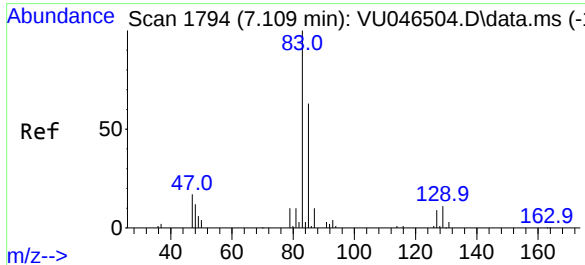
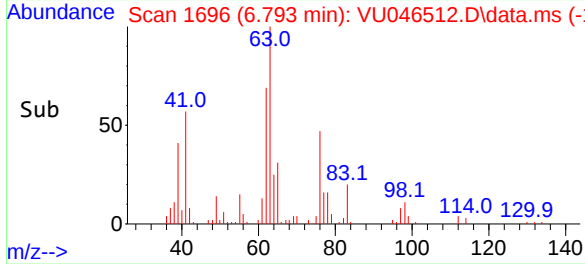
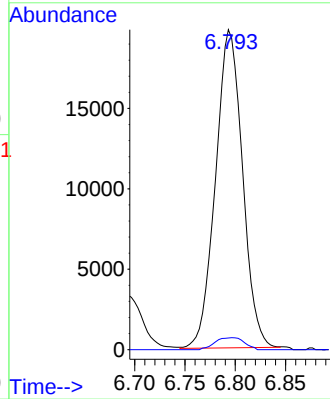
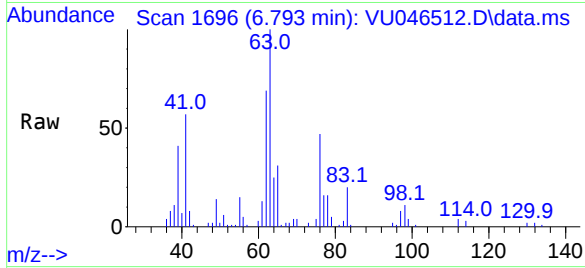




#37
1,2-Dichloropropane
Concen: 54.912 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

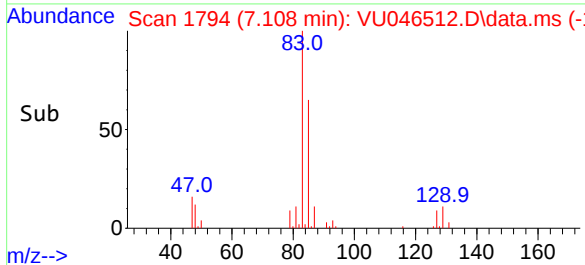
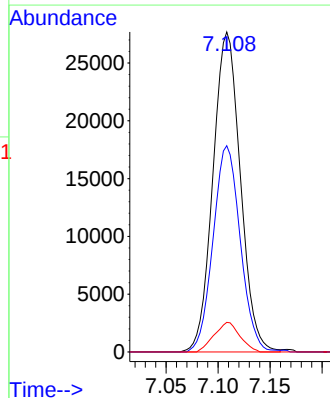
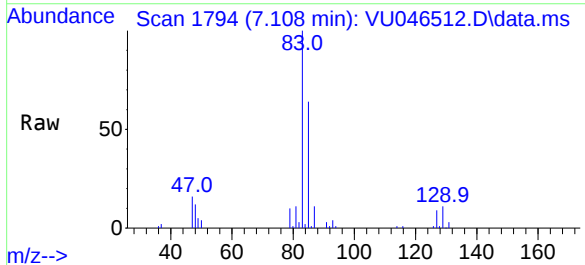
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

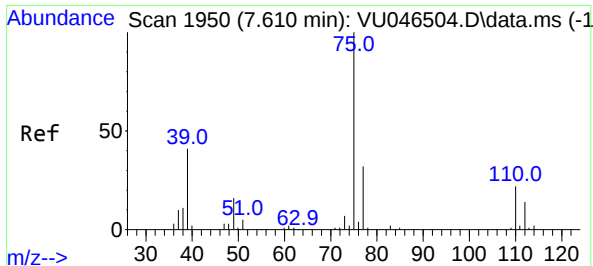
Tgt Ion: 63 Resp: 36902
Ion Ratio Lower Upper
63 100
112 4.1 3.8 5.6



#38
Bromodichloromethane
Concen: 56.977 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 83 Resp: 50893
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.5
127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 57.525 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

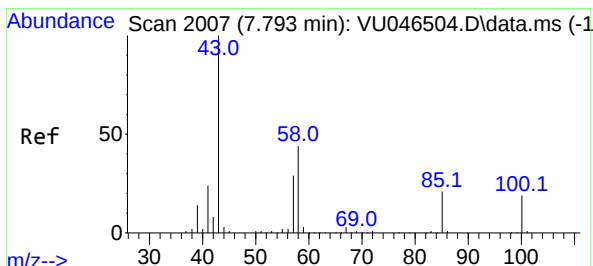
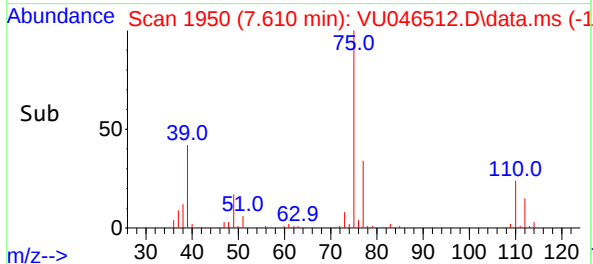
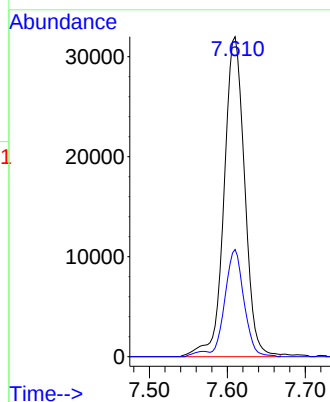
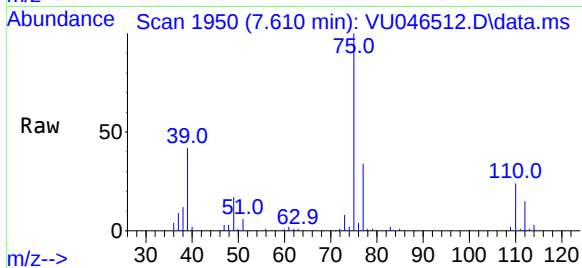
GBBY0MSD

Tgt Ion: 75 Resp: 58810

Ion Ratio Lower Upper

75 100

77 33.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 103.594 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

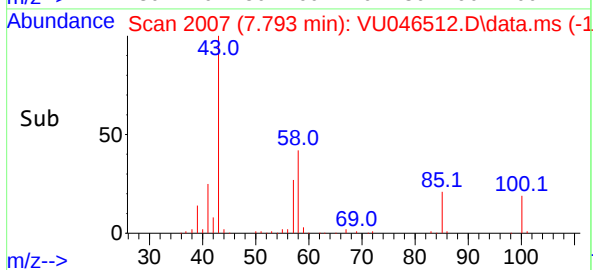
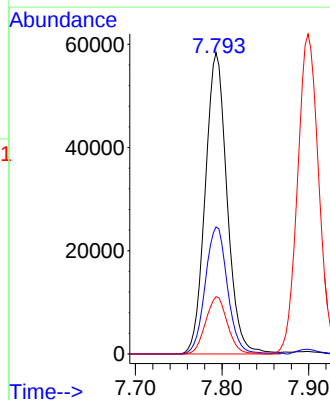
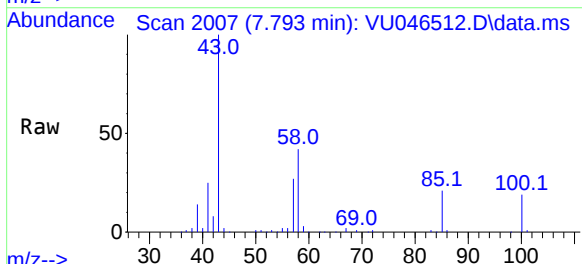
Tgt Ion: 43 Resp: 102285

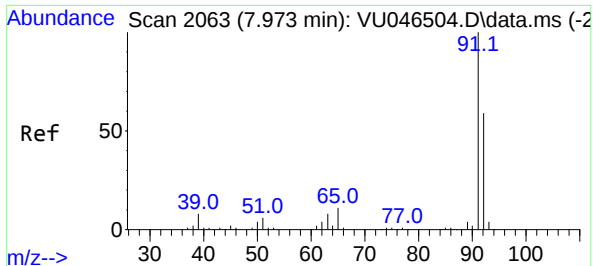
Ion Ratio Lower Upper

43 100

58 43.0 34.2 51.4

100 18.9 14.5 21.7

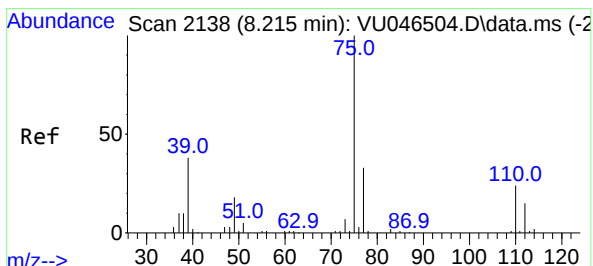
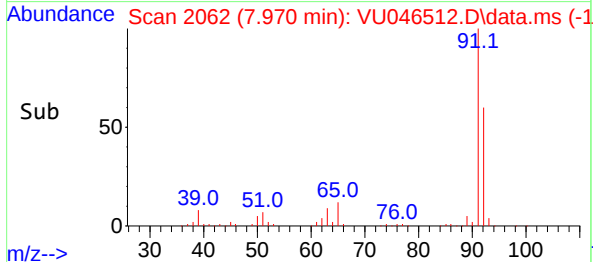
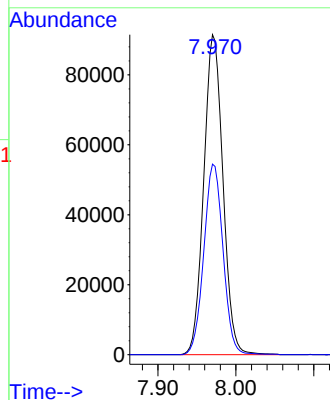
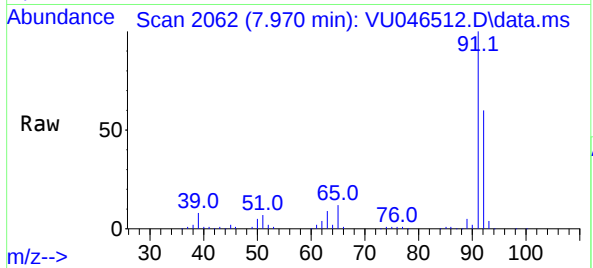




#42
Toluene
Concen: 56.908 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

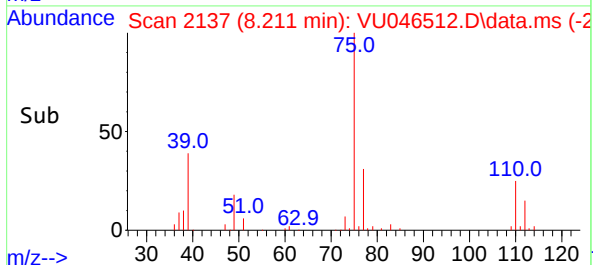
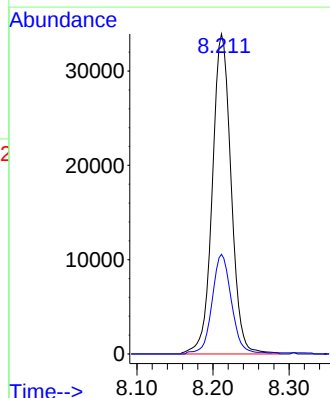
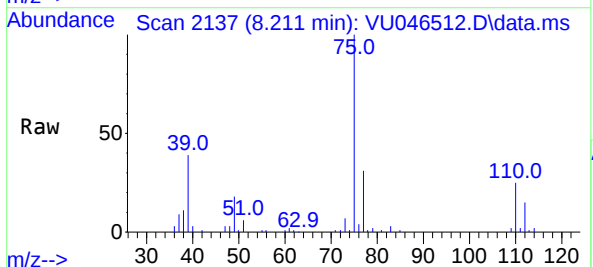
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

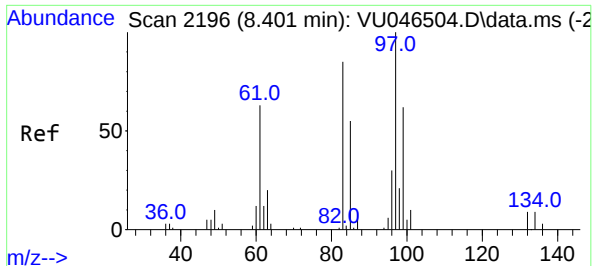
Tgt Ion: 91 Resp: 156652
Ion Ratio Lower Upper
91 100
92 59.5 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 58.073 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 75 Resp: 58312
Ion Ratio Lower Upper
75 100
77 31.2 21.7 40.3



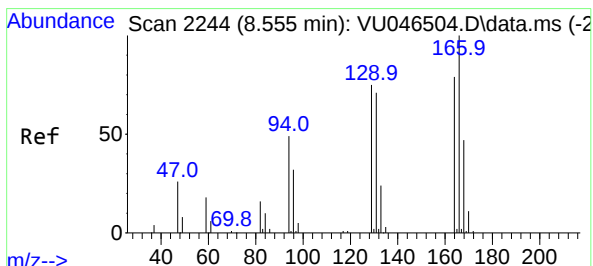
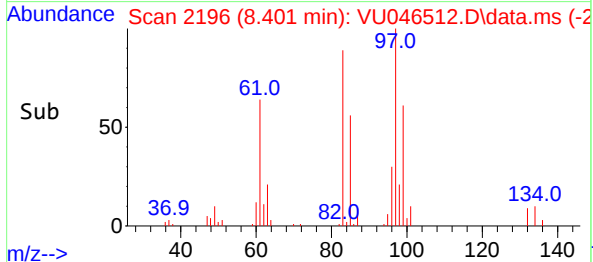
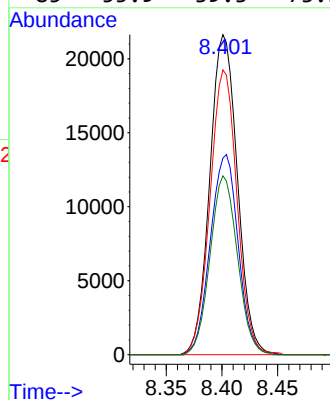
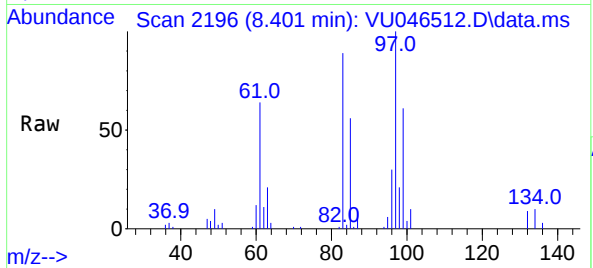


#45
1,1,2-Trichloroethane
Concen: 55.331 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

Tgt Ion: 97 Resp: 37305

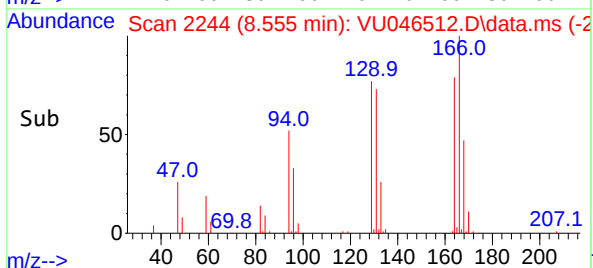
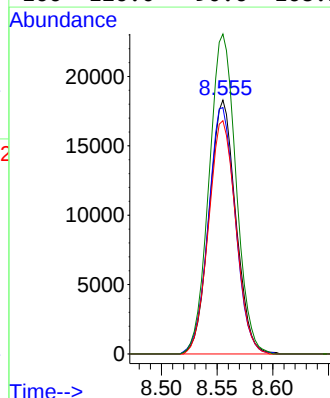
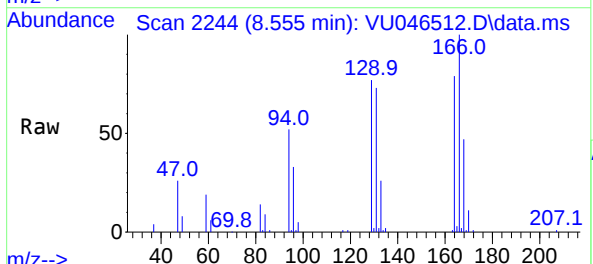
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.7	82.9
83	89.0	60.2	111.8
85	55.9	39.3	73.1

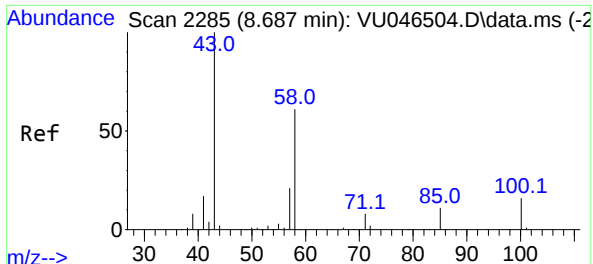


#46
Tetrachloroethene
Concen: 61.230 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 164 Resp: 30410

Ion	Ratio	Lower	Upper
164	100		
129	97.0	71.1	132.1
131	91.9	67.8	126.0
166	126.0	90.6	168.2



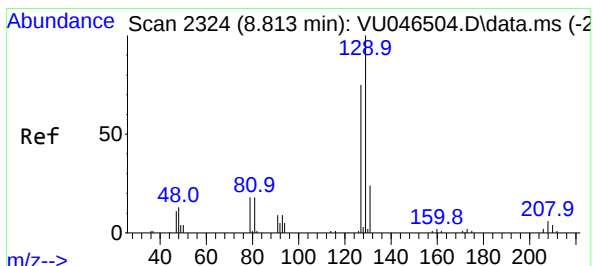
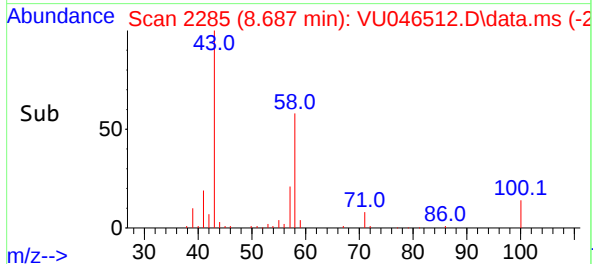
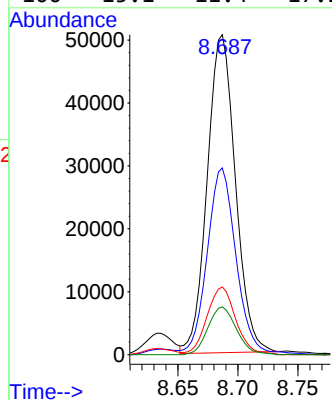
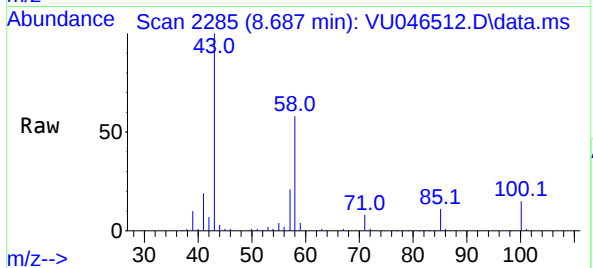


#48
2-Hexanone
Concen: 93.693 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

Tgt Ion: 43 Resp: 82733

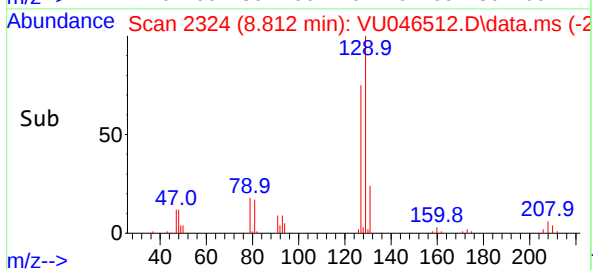
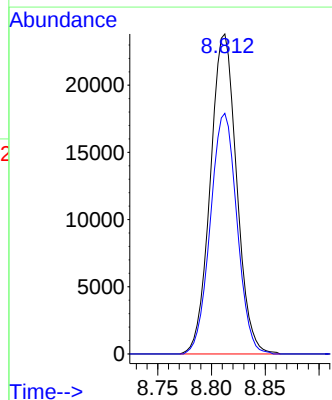
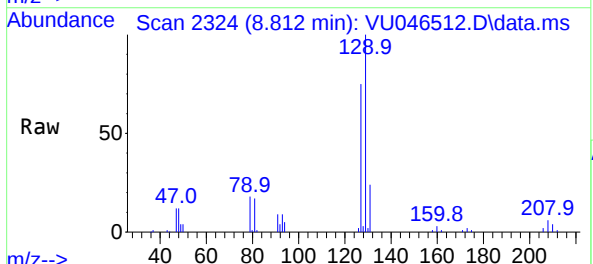
Ion	Ratio	Lower	Upper
43	100		
58	60.3	47.4	71.2
57	21.7	16.6	25.0
100	15.1	11.4	17.2

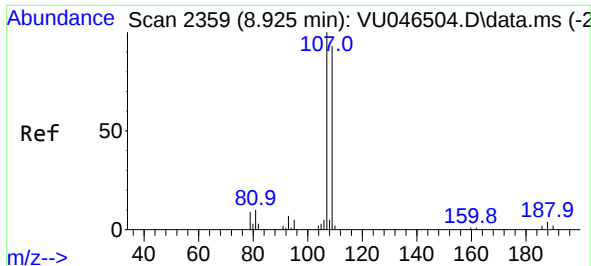


#49
Dibromochloromethane
Concen: 57.229 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion: 129 Resp: 40518

Ion	Ratio	Lower	Upper
129	100		
127	75.2	55.6	103.4

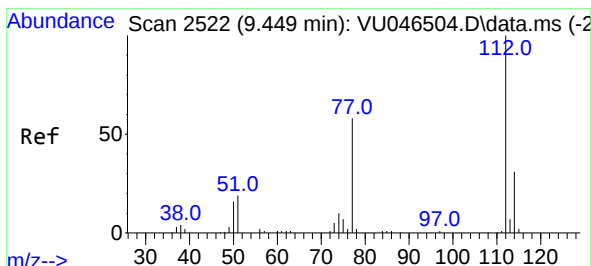
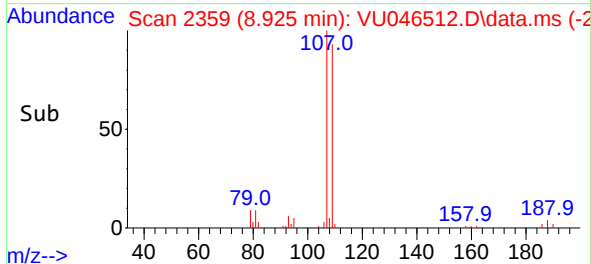
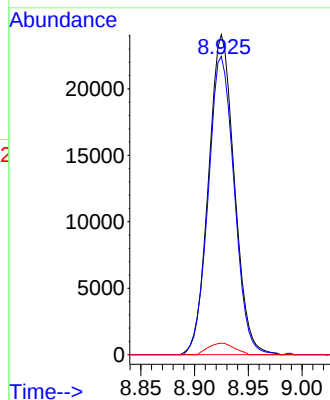
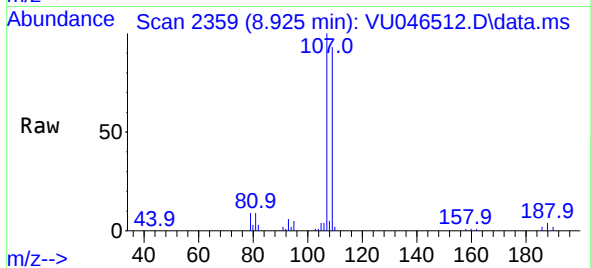




#50
1,2-Dibromoethane
Concen: 55.093 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

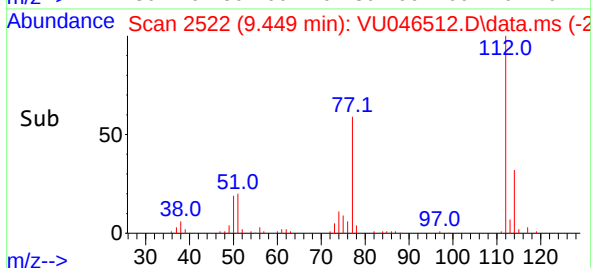
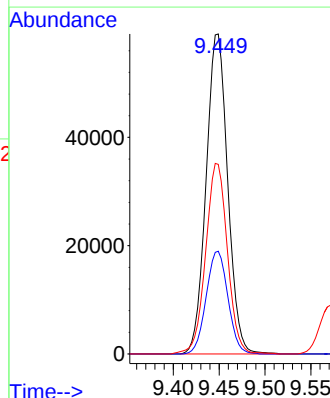
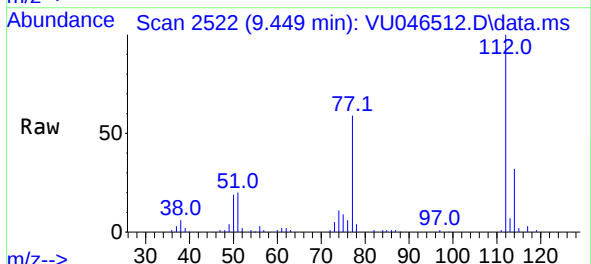
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

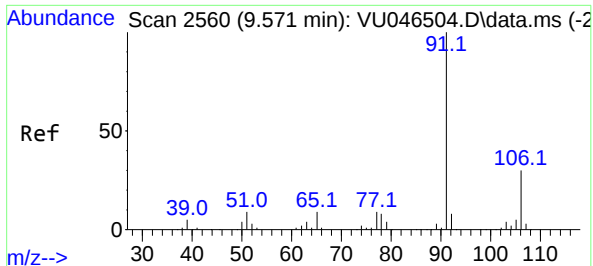
Tgt Ion:107 Resp: 40271
Ion Ratio Lower Upper
107 100
109 93.2 64.9 120.5
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 54.446 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:112 Resp: 96962
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 59.3 47.4 71.0

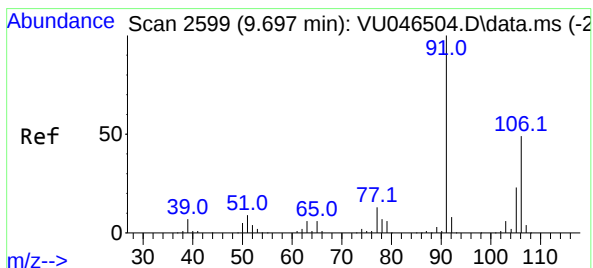
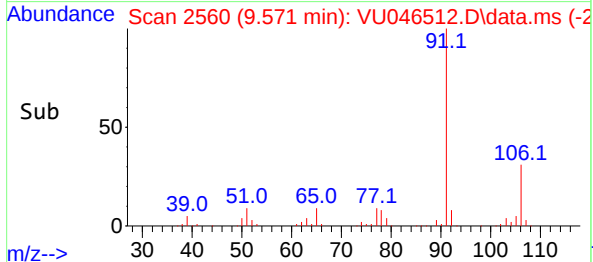
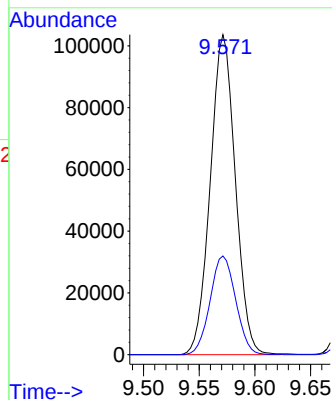
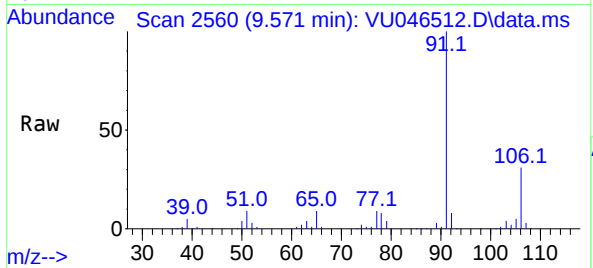




#52
Ethylbenzene
Concen: 54.800 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

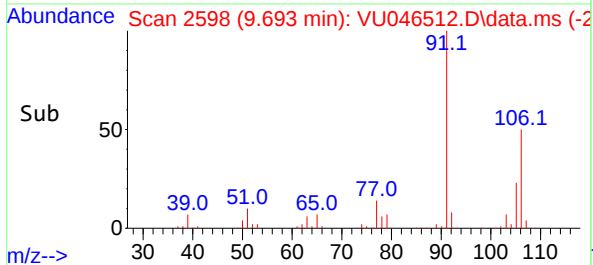
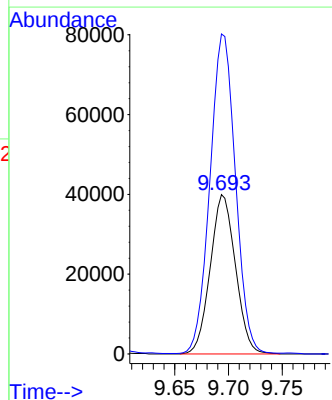
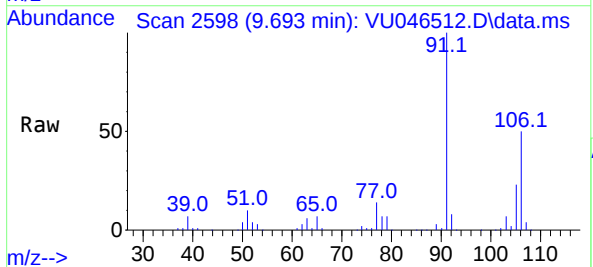
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

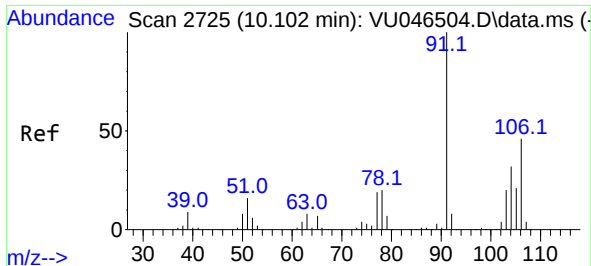
Tgt Ion: 91 Resp: 162347
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 56.384 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:106 Resp: 65143
Ion Ratio Lower Upper
106 100
91 200.7 144.3 268.1

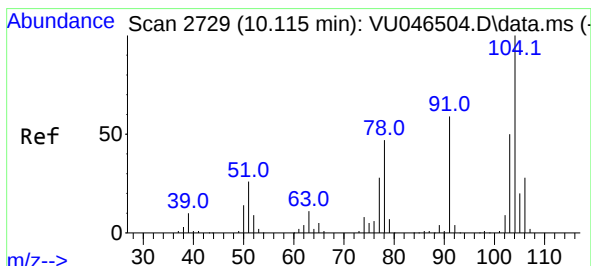
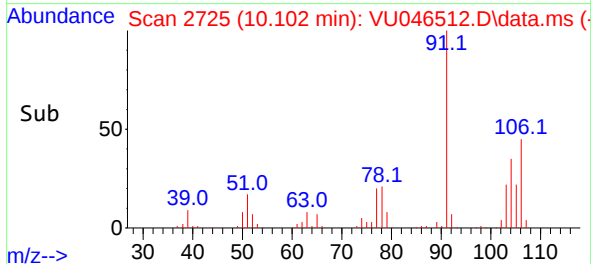
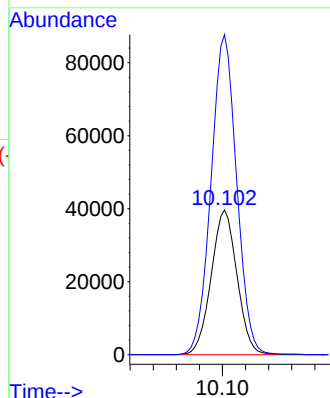
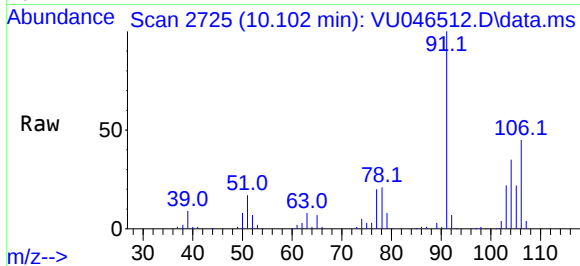




#54
o-xylene
Concen: 54.852 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

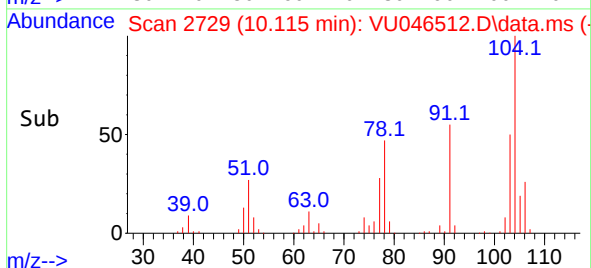
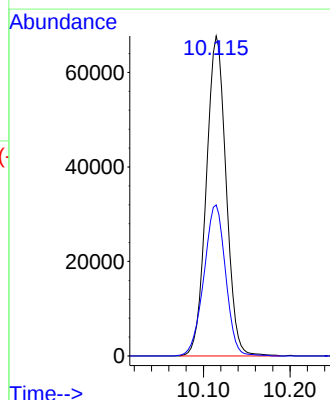
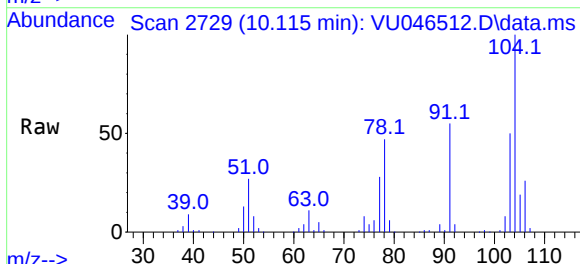
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

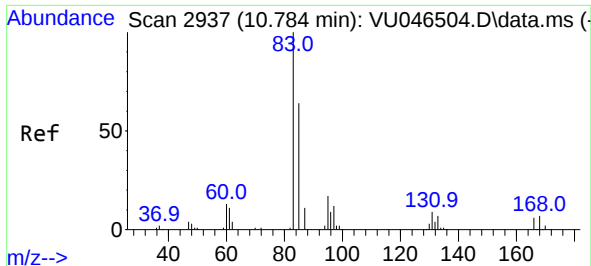
Tgt Ion:106 Resp: 61493
Ion Ratio Lower Upper
106 100
91 220.9 154.2 286.4



#55
Styrene
Concen: 56.214 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:104 Resp: 107592
Ion Ratio Lower Upper
104 100
78 47.2 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.786 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MSD

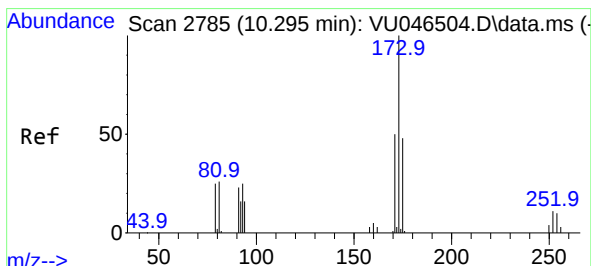
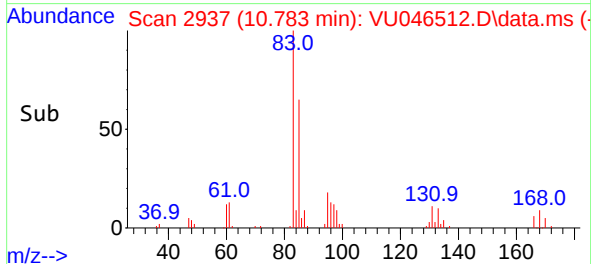
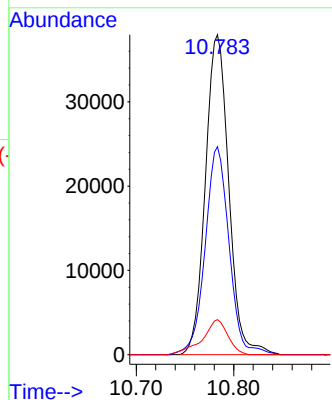
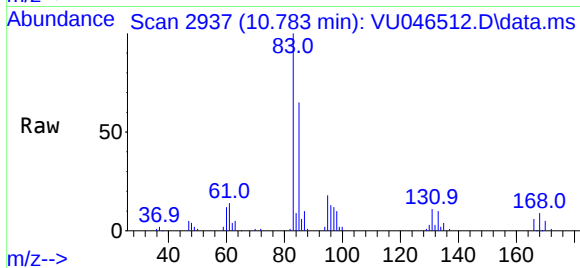
Tgt Ion: 83 Resp: 63327

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6

131 10.9 7.8 11.6



#59

Bromoform

Concen: 53.916 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

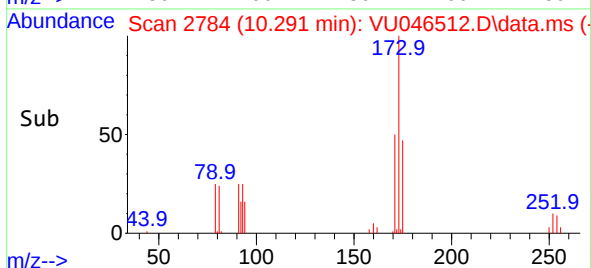
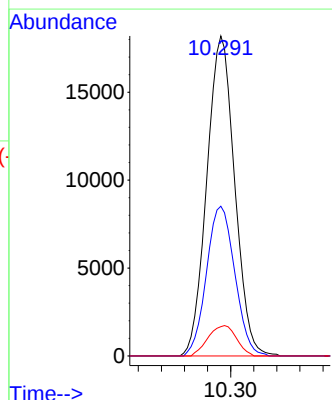
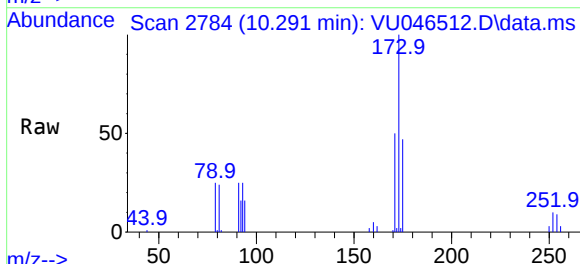
Tgt Ion:173 Resp: 30466

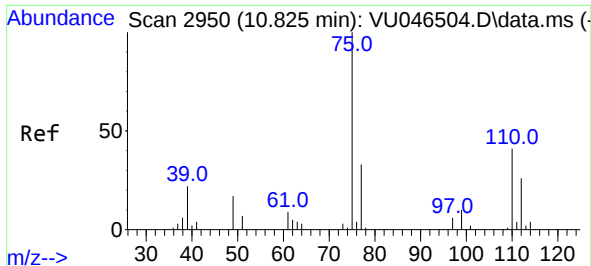
Ion Ratio Lower Upper

173 100

175 47.6 39.2 58.8

254 9.7 7.4 11.2

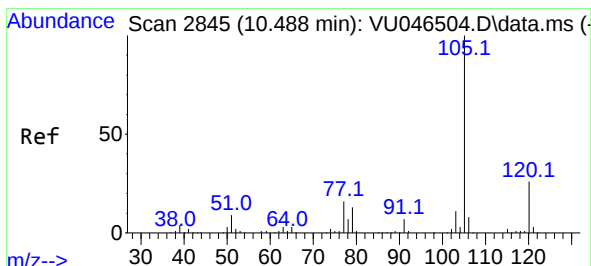
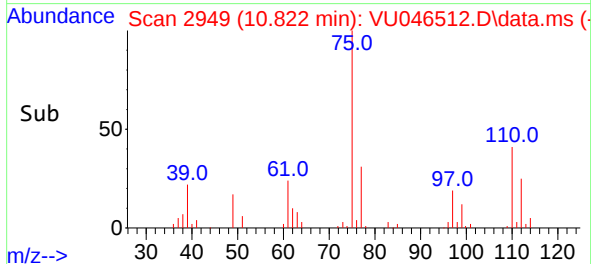
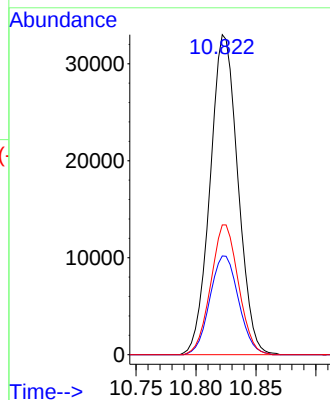
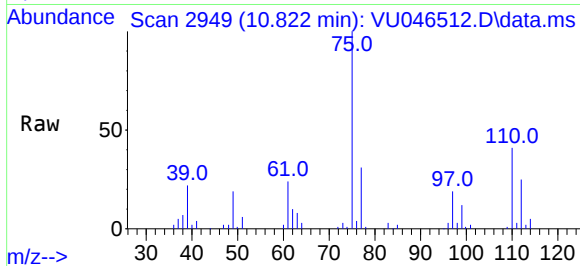




#60
1,2,3-Trichloropropane
Concen: 50.336 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

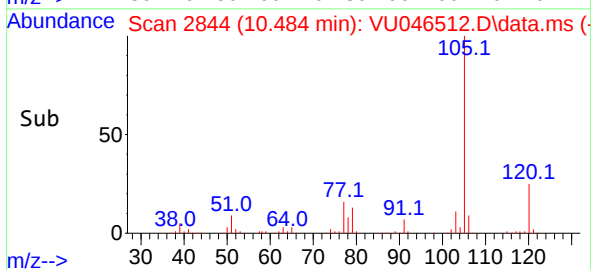
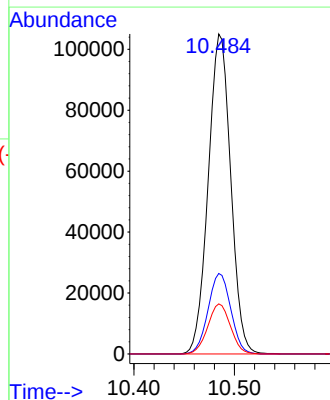
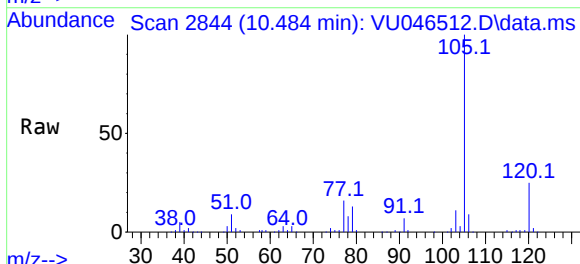
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

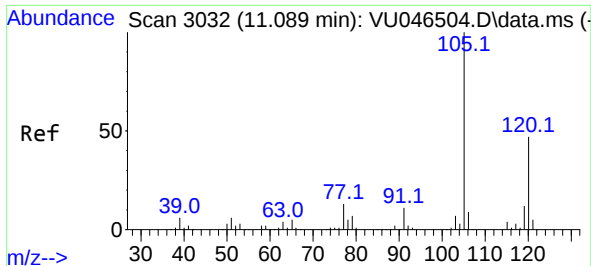
Tgt Ion:	75	Resp:	53149
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.4	39.6
110	40.5	32.4	48.6



#61
Isopropylbenzene
Concen: 52.043 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:	105	Resp:	163102
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.7	31.1
77	15.8	12.2	18.4

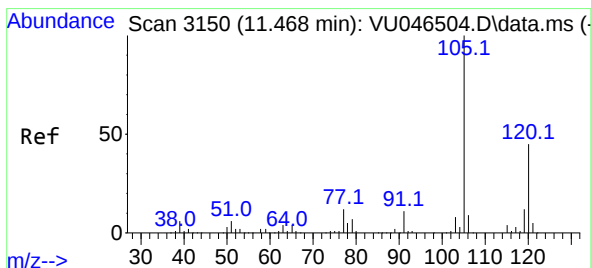
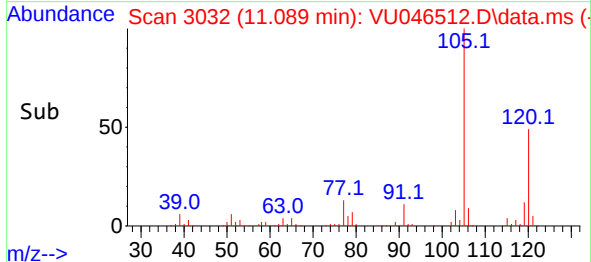
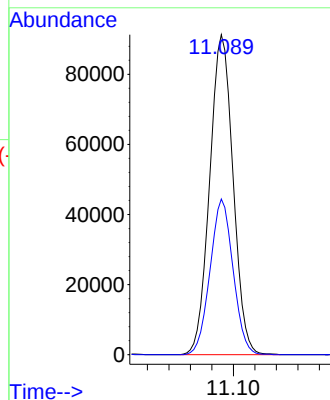
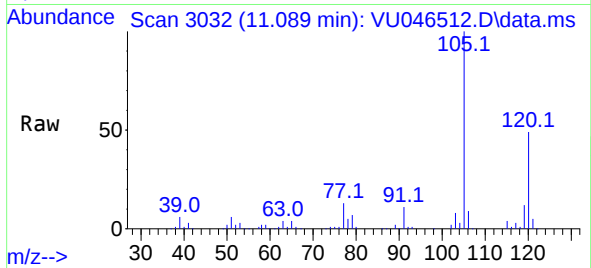




#62
 1,3,5-Trimethylbenzene
 Concen: 52.735 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU046512.D
 Acq: 20 Dec 2021 16:08

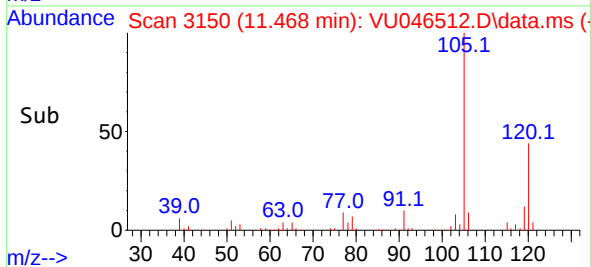
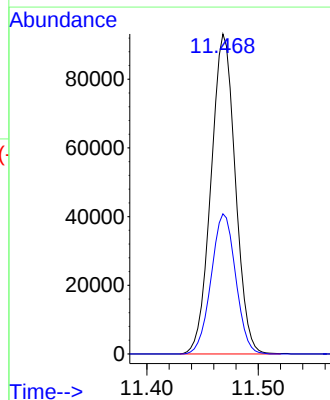
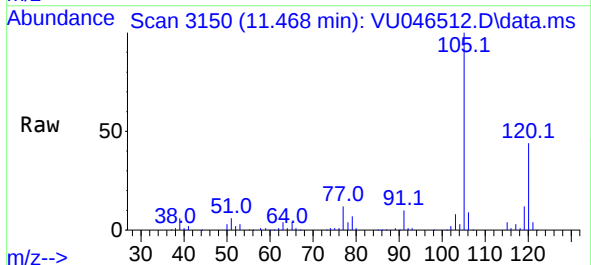
Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0MSD

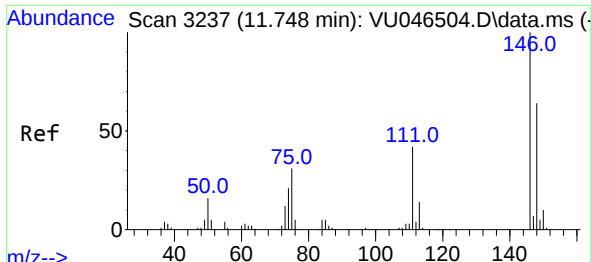
Tgt Ion:105 Resp: 137755
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 54.023 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046512.D
 Acq: 20 Dec 2021 16:08

Tgt Ion:105 Resp: 141189
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.2 52.8

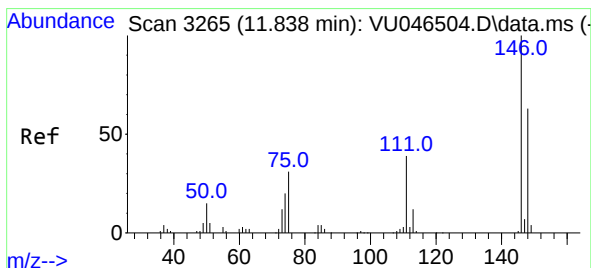
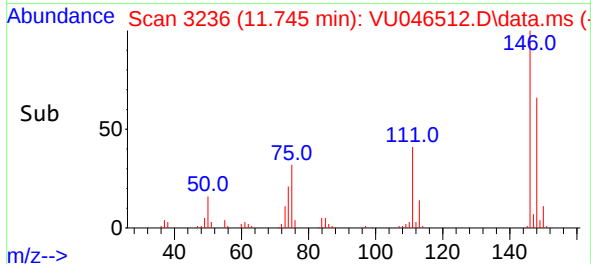
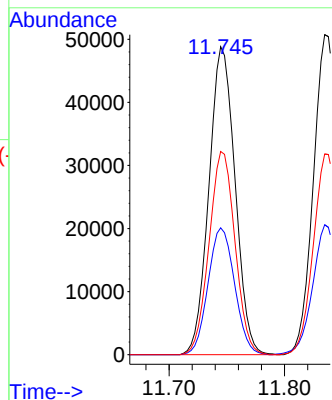
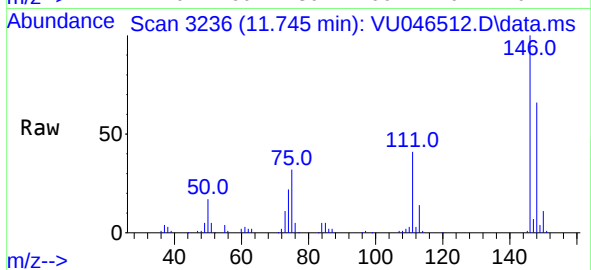




#64
1,3-Dichlorobenzene
Concen: 51.566 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

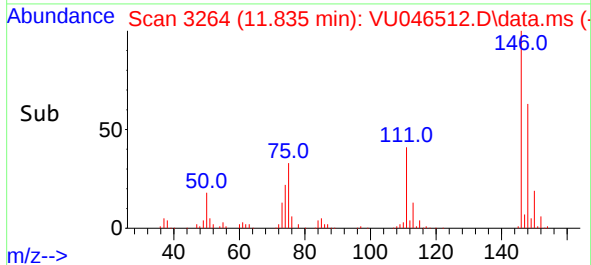
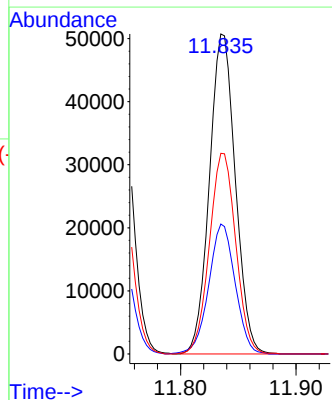
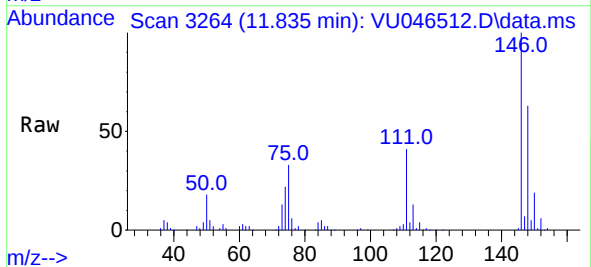
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

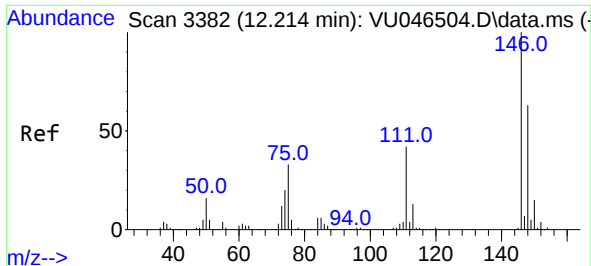
Tgt Ion:146 Resp: 76766
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.9
148 65.9 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 51.487 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:146 Resp: 79215
Ion Ratio Lower Upper
146 100
111 40.6 28.3 52.7
148 62.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 51.540 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MSD

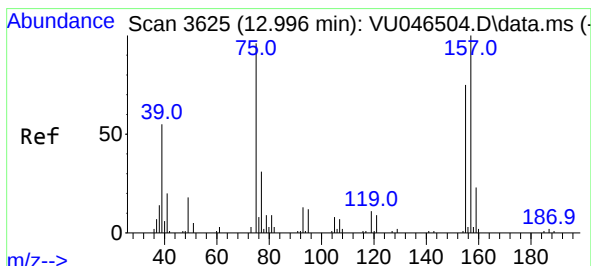
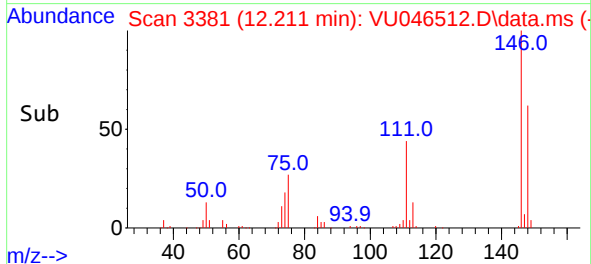
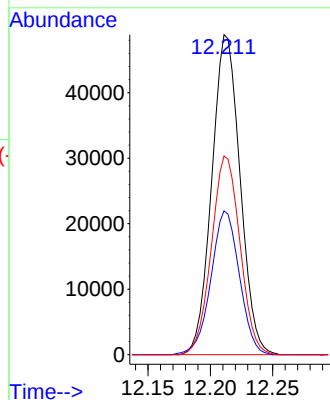
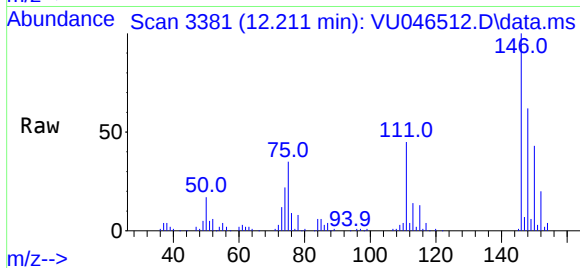
Tgt Ion:146 Resp: 77267

Ion Ratio Lower Upper

146 100

111 45.0 35.7 53.5

148 62.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 57.845 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

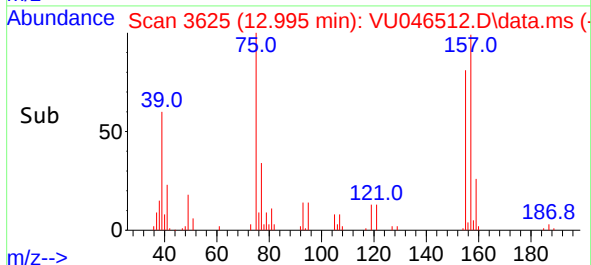
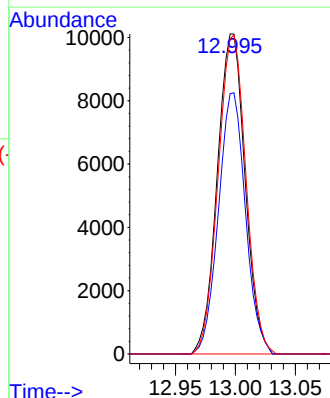
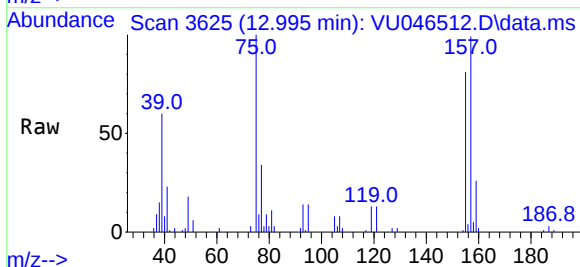
Tgt Ion: 75 Resp: 16271

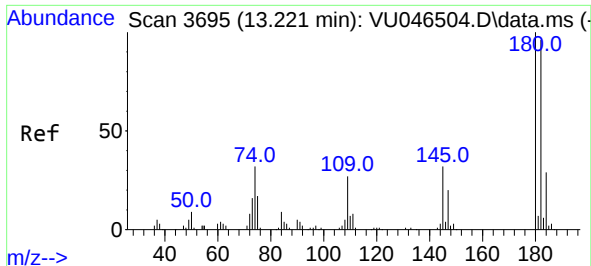
Ion Ratio Lower Upper

75 100

155 81.3 64.9 97.3

157 98.5 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 52.448 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MSD

Tgt Ion:180 Resp: 56891

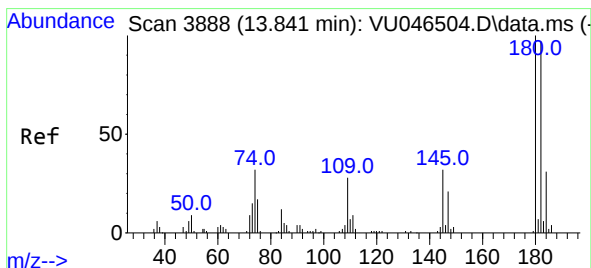
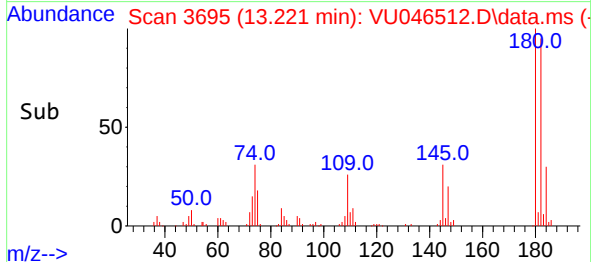
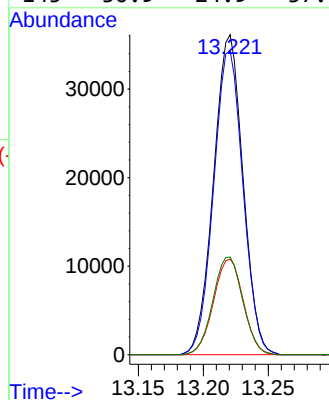
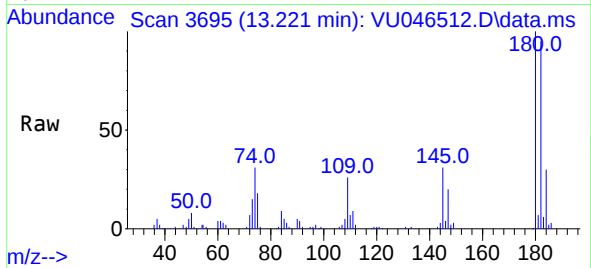
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.2 24.2 36.4

145 30.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 51.535 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046512.D

Acq: 20 Dec 2021 16:08

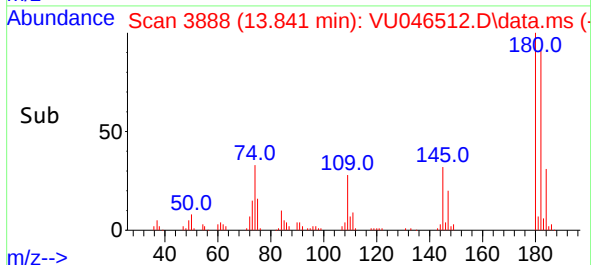
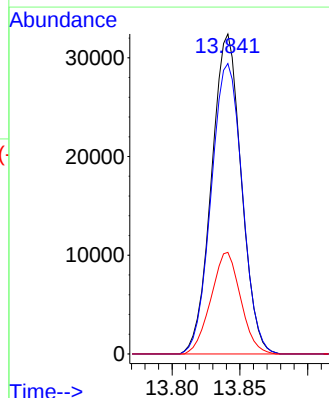
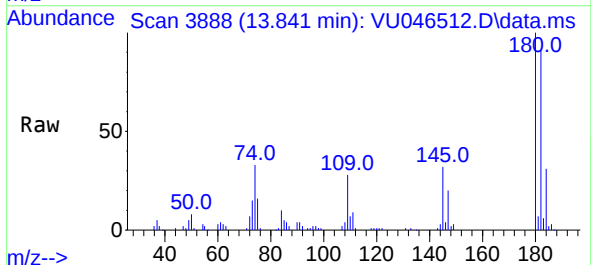
Tgt Ion:180 Resp: 49606

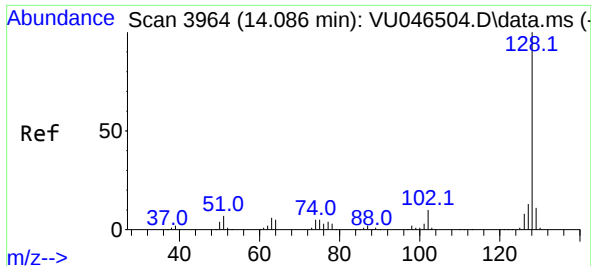
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

145 31.7 26.0 39.0

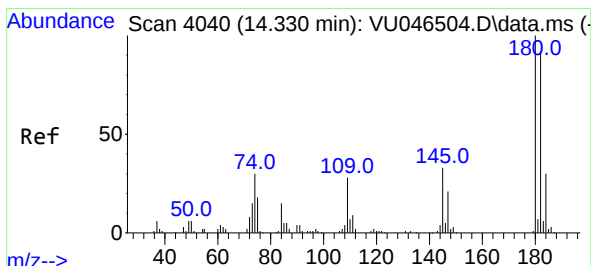
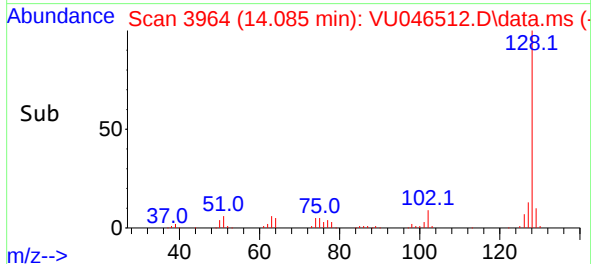
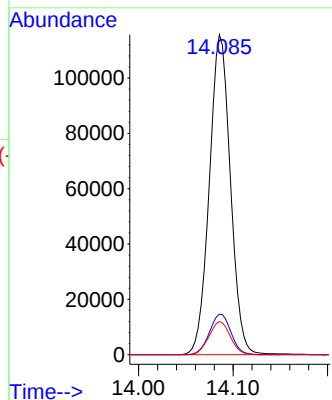
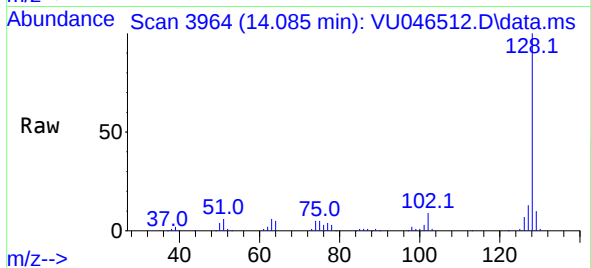




#71
Naphthalene
Concen: 53.486 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MSD

Tgt Ion:128 Resp: 179156
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.807 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046512.D
Acq: 20 Dec 2021 16:08

Tgt Ion:180 Resp: 52815
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 34.8 27.3 40.9

