

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046812.D
 Acq On : 20 Jan 2022 15:38
 Operator : SY/MD
 Sample : N1192-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBCM2MS

Quant Time: Jan 21 01:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88832	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38763	5.150	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.916	69	32011	5.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.571	65	15770	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.655	46	120548	54.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.120%
24) Chloroform-d	5.067	84	71728	5.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.703	65	40260	5.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	5.729	84	143819	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.693	67	44500	5.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.899	98	128655	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.182	79	17783	4.893	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.636	63	111016	51.592	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43511	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45879	5.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49027	5.867	ug/L	100
3) Chloromethane	1.520	50	41021	5.961	ug/L	100
5) Vinyl chloride	1.604	62	41721	5.824	ug/L	98
6) Bromomethane	1.861	94	24618	5.492	ug/L	99
8) Chloroethane	1.938	64	24372	5.910	ug/L	98
9) Trichlorofluoromethane	2.141	101	52119	5.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28355	5.463	ug/L	95
12) 1,1-Dichloroethene	2.584	96	28744	5.795	ug/L	82
13) Acetone	2.674	43	50257	41.437	ug/L	88
14) Carbon disulfide	2.797	76	88761	5.449	ug/L	100
15) Methyl Acetate	2.964	43	8302	3.134	ug/L #	81
16) Methylene chloride	3.051	84	31908	5.327	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	73850	5.307	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	29175	5.430	ug/L	92
19) 1,1-Dichloroethane	3.874	63	51759	5.739	ug/L	97
21) 2-Butanone	4.729	43	90691	46.495	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	32184	5.679	ug/L	97
23) Bromochloromethane	4.980	128	16049	5.756	ug/L	89
25) Chloroform	5.092	83	55910	3.905	ug/L	99

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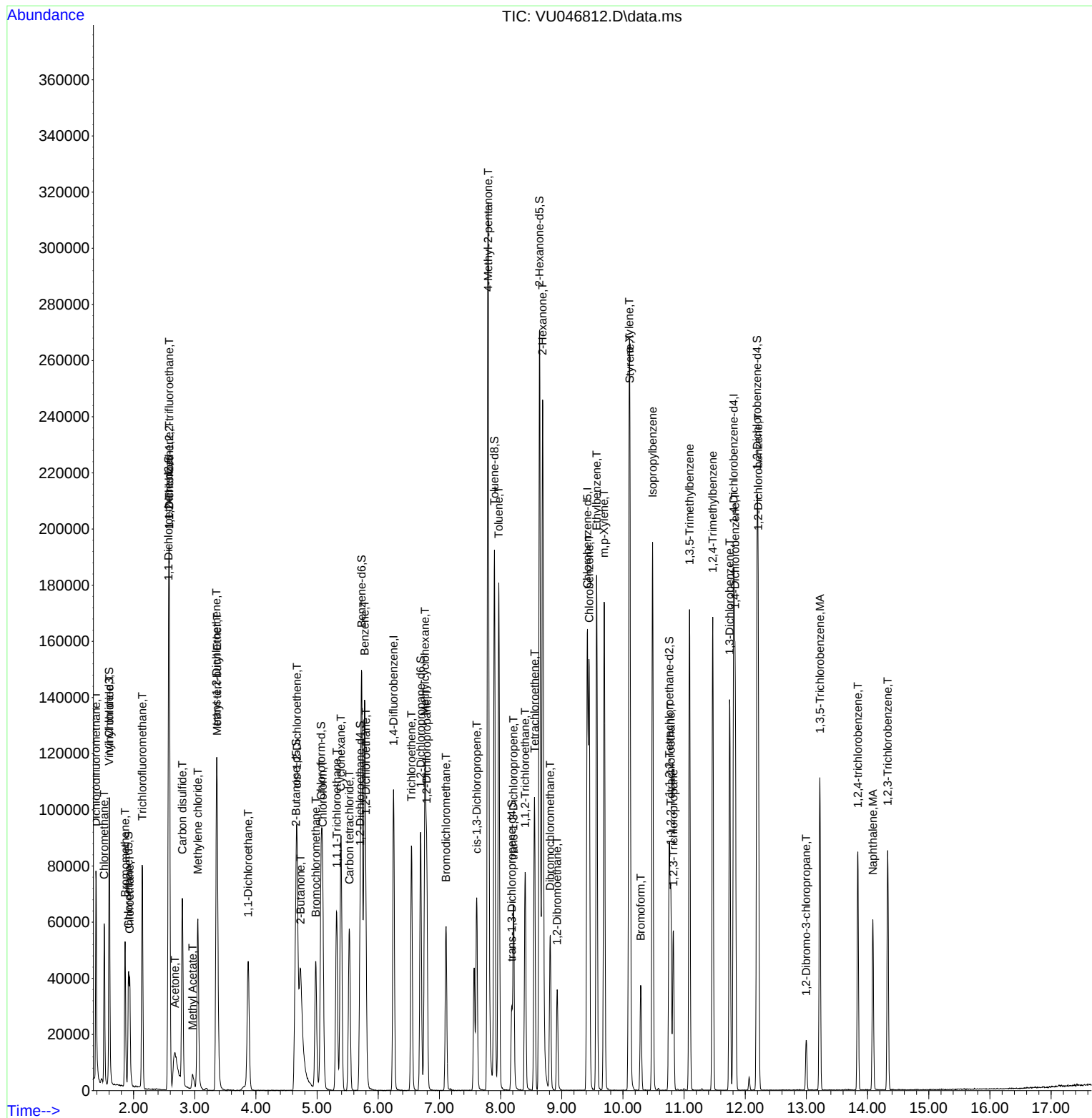
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38089	6.028	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	47767	5.655	ug/L	98
30) Cyclohexane	5.391	56	44936	5.245	ug/L	96
31) Carbon tetrachloride	5.526	117	40445	5.581	ug/L	100
33) Benzene	5.777	78	123522	5.595	ug/L	100
34) Trichloroethene	6.542	95	31102	5.426	ug/L	98
35) Methylcyclohexane	6.764	83	46085	4.800	ug/L	96
37) 1,2-Dichloropropane	6.793	63	30765	5.680	ug/L	98
38) Bromodichloromethane	7.108	83	40017	5.134	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	42659	5.048	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	213355	53.733	ug/L	95
42) Toluene	7.970	91	132669	5.027	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	38364	5.096	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	25516	5.537	ug/L	96
47) Tetrachloroethene	8.555	164	24092	5.168	ug/L	93
48) 2-Hexanone	8.687	43	156839	52.330	ug/L	95
49) Dibromochloromethane	8.812	129	29437	5.416	ug/L	93
50) 1,2-Dibromoethane	8.925	107	24217	5.185	ug/L	97
51) Chlorobenzene	9.449	112	81939	5.346	ug/L	98
52) Ethylbenzene	9.571	91	132275	5.272	ug/L	99
53) m,p-Xylene	9.693	106	51020	5.101	ug/L	96
54) o-Xylene	10.102	106	49560	5.112	ug/L	96
55) Styrene	10.115	104	82840	5.223	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	33323	5.378	ug/L	96
59) Bromoform	10.291	173	17436	6.000	ug/L	98
60) Isopropylbenzene	10.484	105	128253	5.834	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24670	6.170	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	94344	5.229	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	94050	5.065	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	58907	5.361	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	58447	5.286	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	58061	5.463	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	4759	5.734	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	33851	3.908	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	25833	3.567	ug/L	98
71) Naphthalene	14.085	128	50124	3.400	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	26636	3.894	ug/L	98

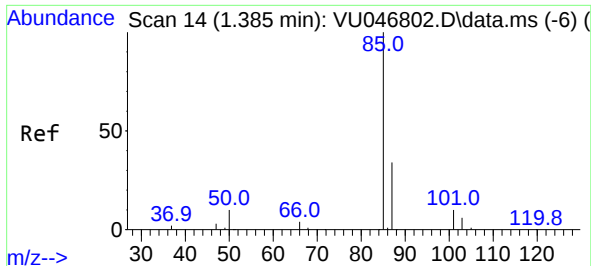
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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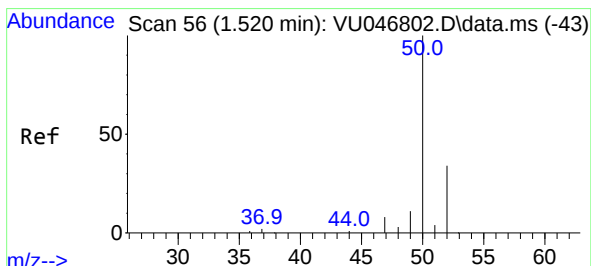
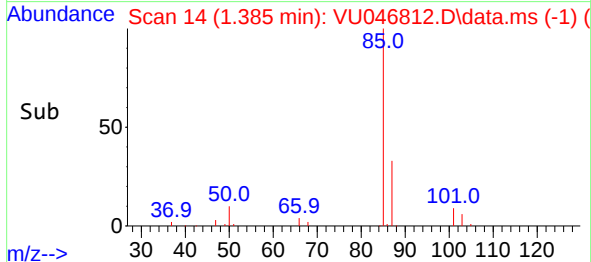
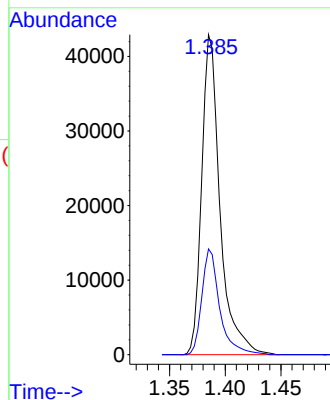
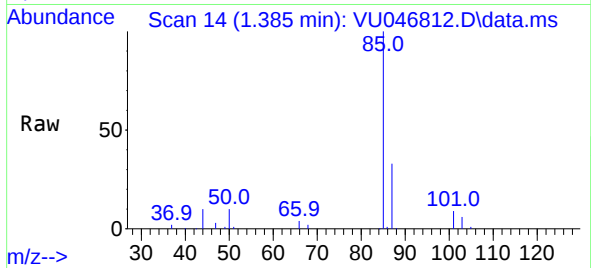




#2
Dichlorodifluoromethane
Concen: 5.867 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

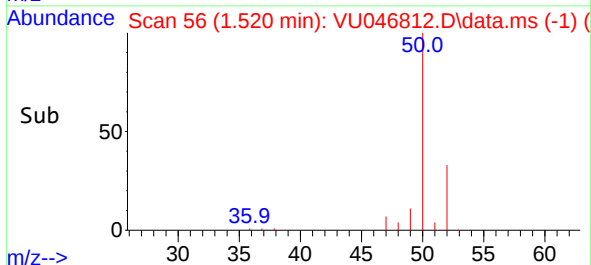
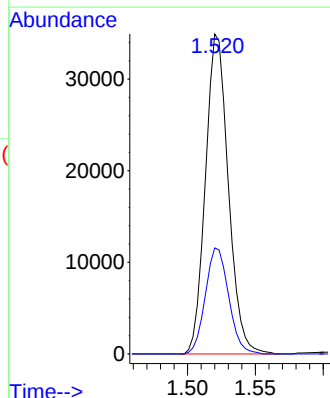
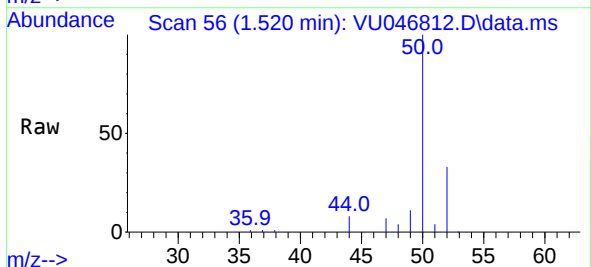
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MSVOA_U
ClientSampleId :
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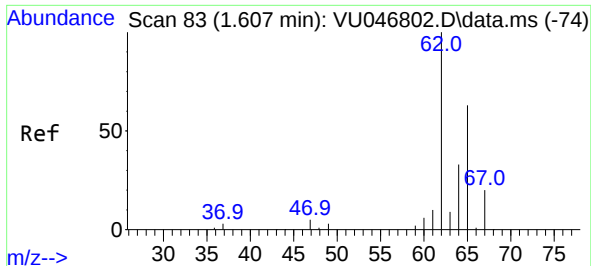
Tgt Ion: 85 Resp: 49027
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 5.961 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 50 Resp: 41021
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8

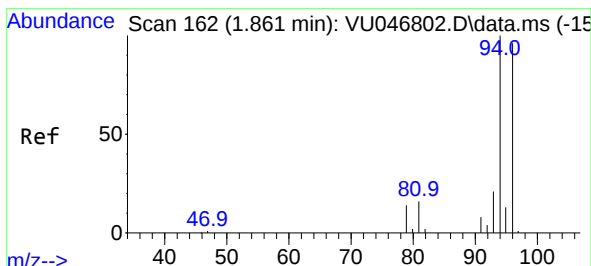
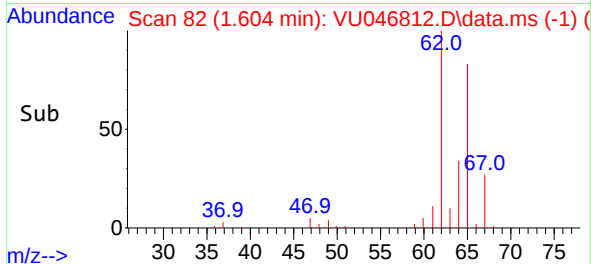
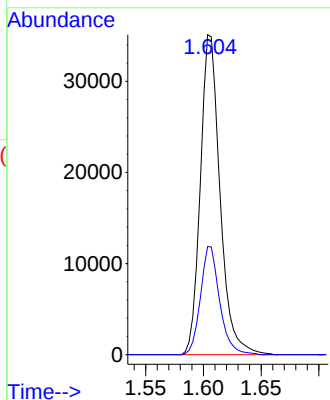
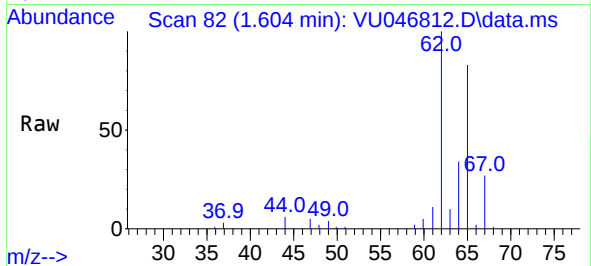




#5
 Vinyl chloride
 Concen: 5.824 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

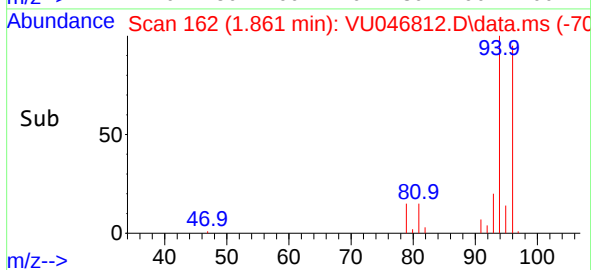
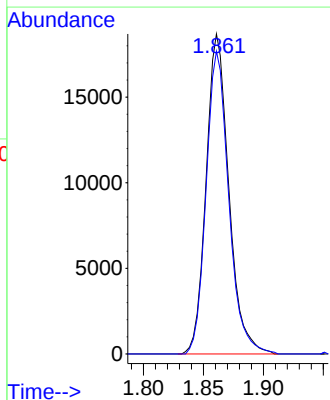
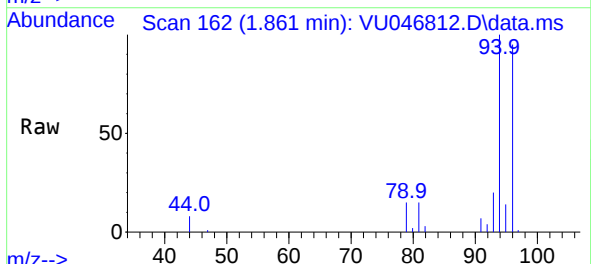
Instrument :
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 ClientSampleId :
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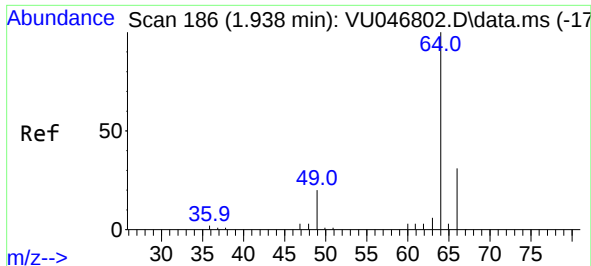
Tgt Ion: 62 Resp: 41721
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.9 42.5



#6
 Bromomethane
 Concen: 5.492 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

Tgt Ion: 94 Resp: 24618
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.5 121.6

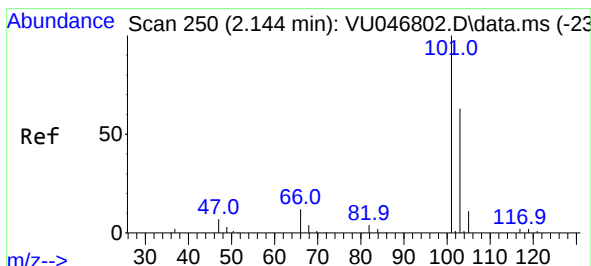
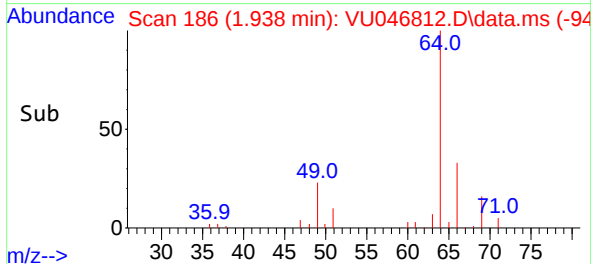
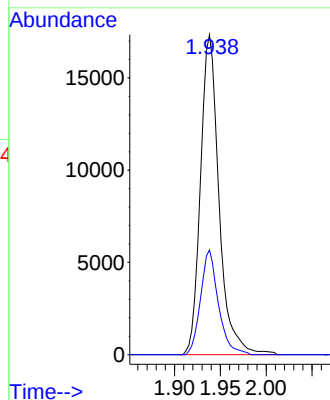
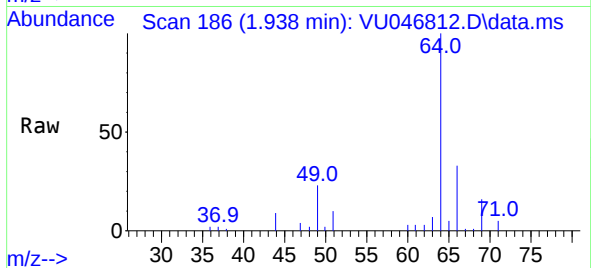




#8
Chloroethane
Concen: 5.910 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

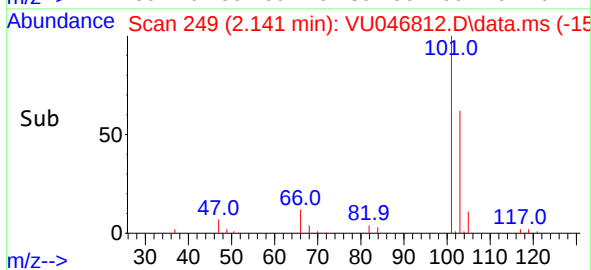
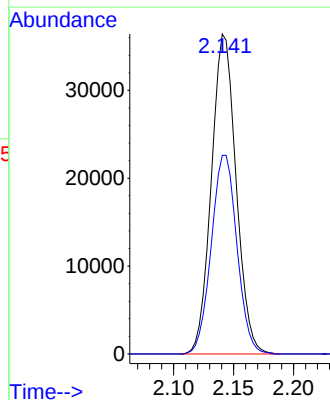
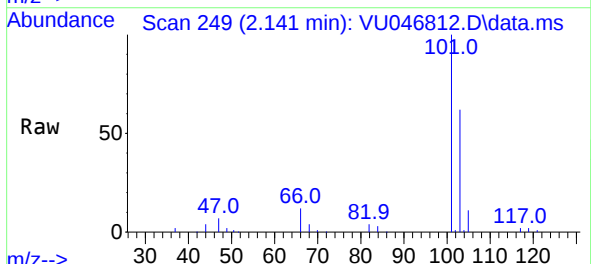
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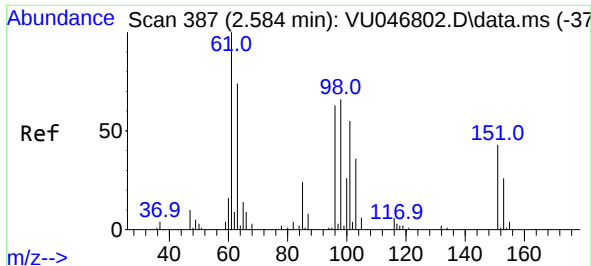
Tgt Ion: 64 Resp: 24372
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.970 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:101 Resp: 52119
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

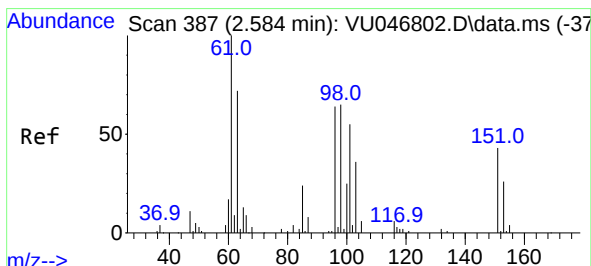
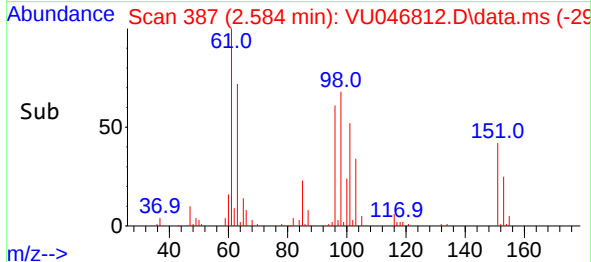
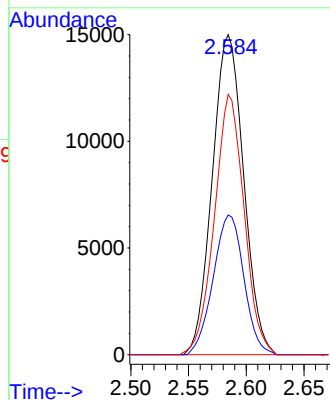
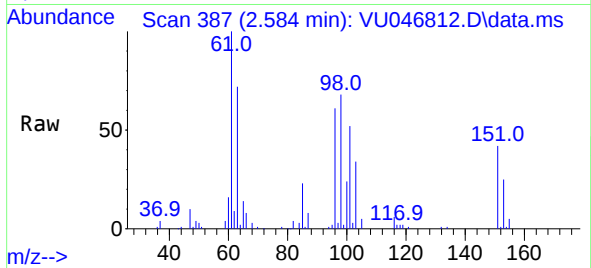




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.463 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

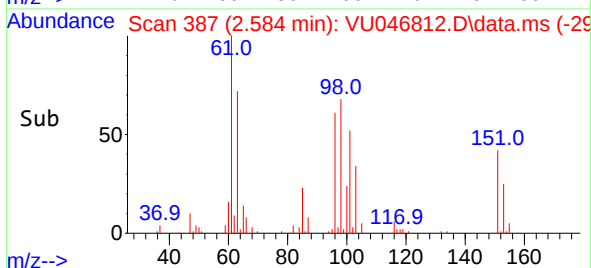
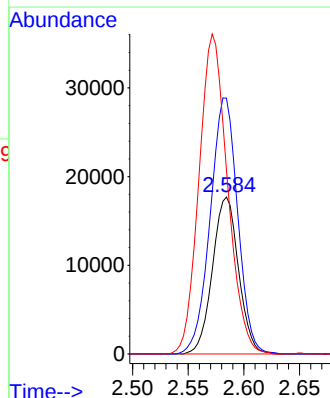
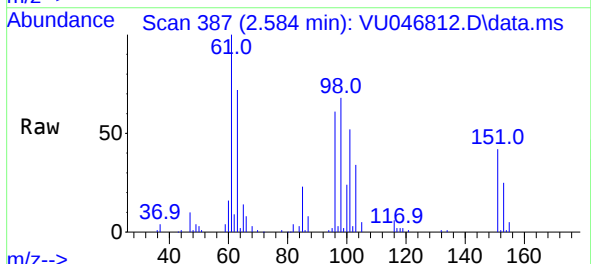
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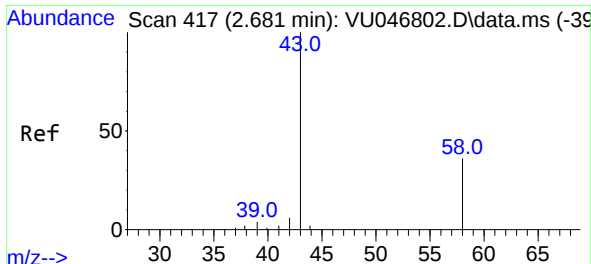
Tgt Ion:101 Resp: 28355
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.6 51.8
 151 76.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.795 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

Tgt Ion: 96 Resp: 28744
 Ion Ratio Lower Upper
 96 100
 61 163.0 124.7 231.5
 63 117.5 105.2 195.4

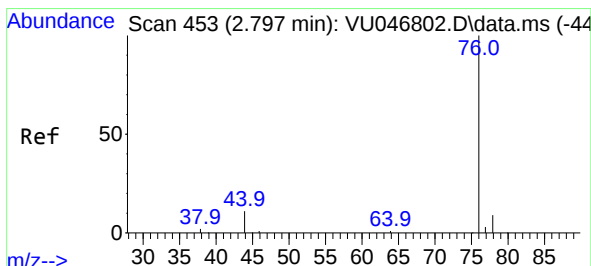
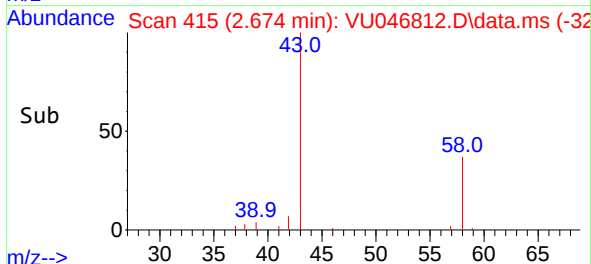
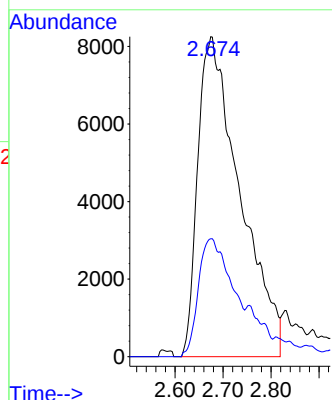
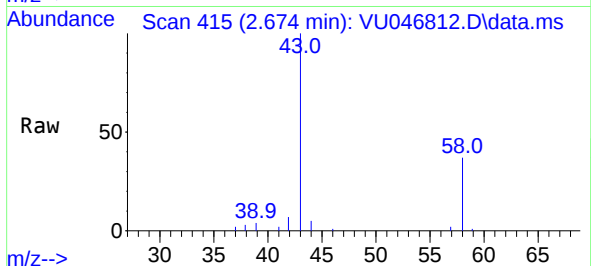




#13
Acetone
Concen: 41.437 ug/L
RT: 2.674 min Scan# 41
Delta R.T. -0.016 min
Lab File: VU046812.D
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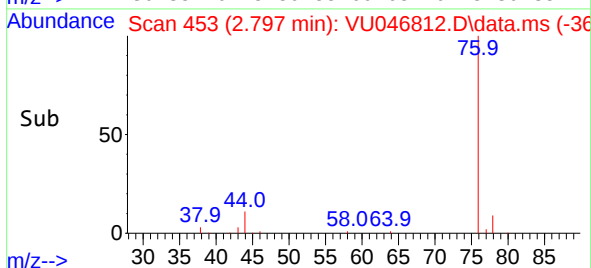
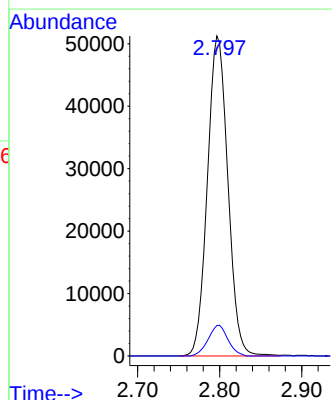
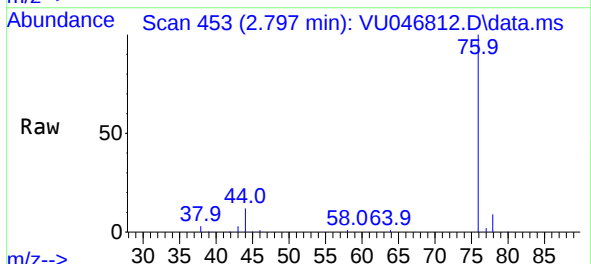
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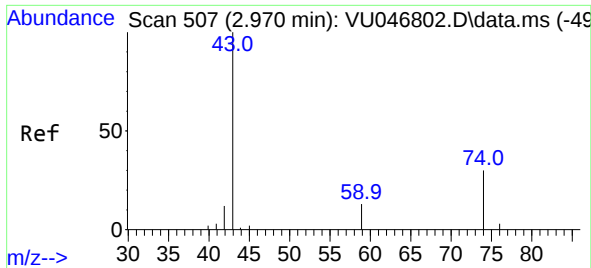
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 71.6



#14
Carbon disulfide
Concen: 5.449 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 88761
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

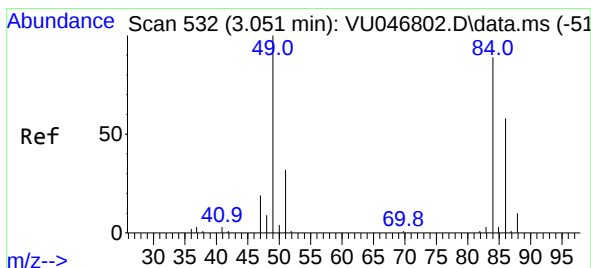
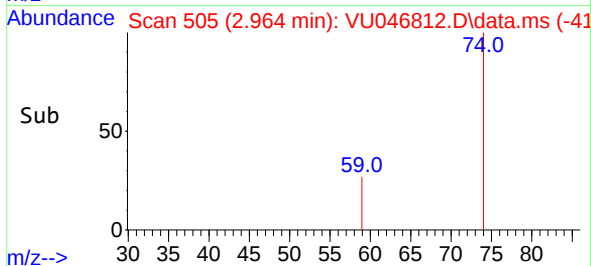
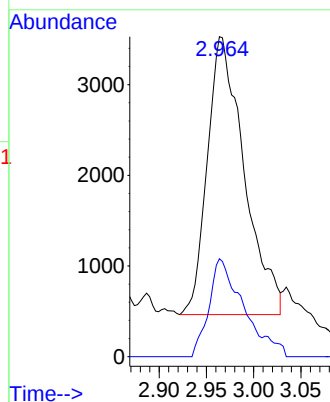
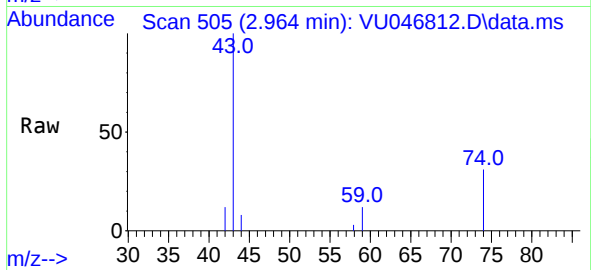




#15
Methyl Acetate
Concen: 3.134 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.007 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

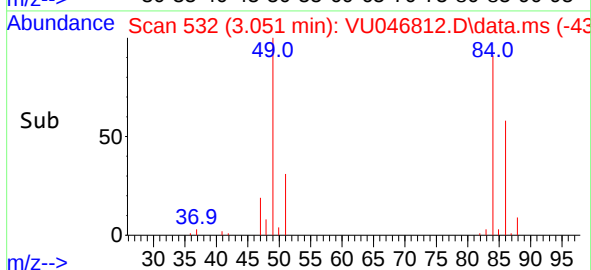
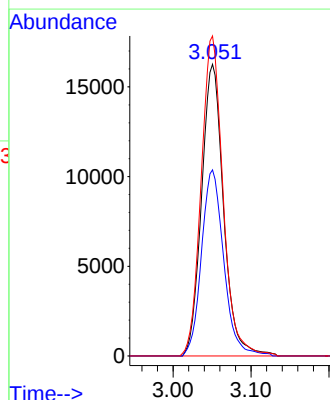
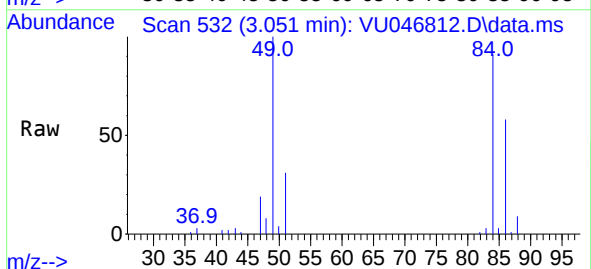
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

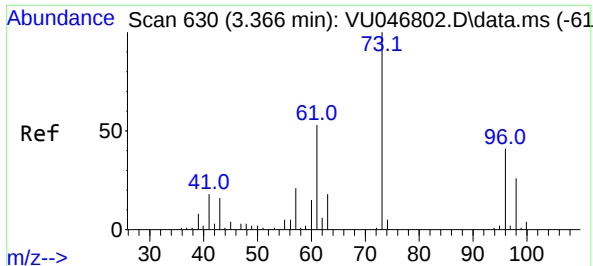
Tgt Ion: 43 Resp: 8302
Ion Ratio Lower Upper
43 100
74 33.2 19.1 28.7#



#16
Methylene chloride
Concen: 5.327 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 84 Resp: 31908
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.0
49 109.7 84.5 156.9

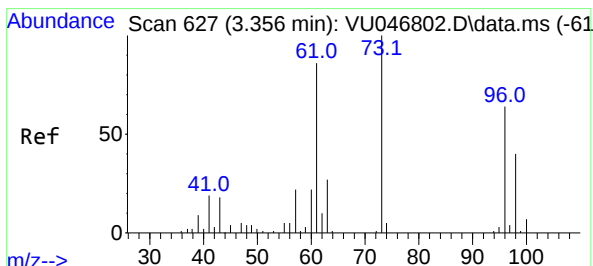
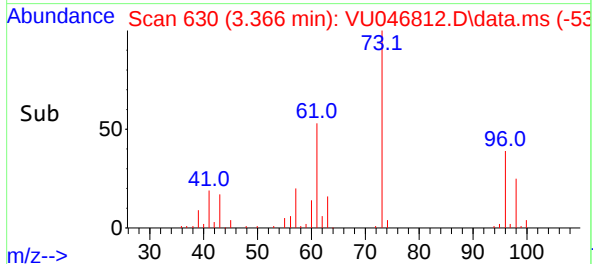
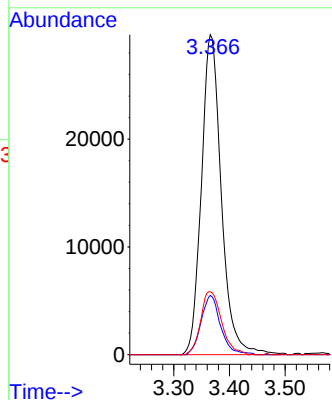
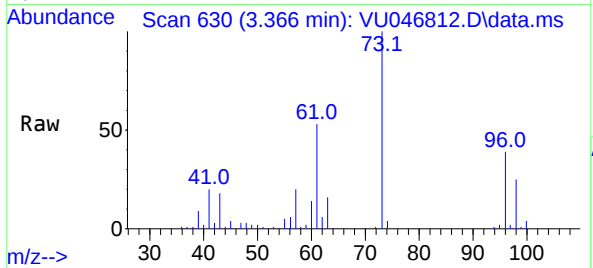




#17
Methyl tert-butyl Ether
Concen: 5.307 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

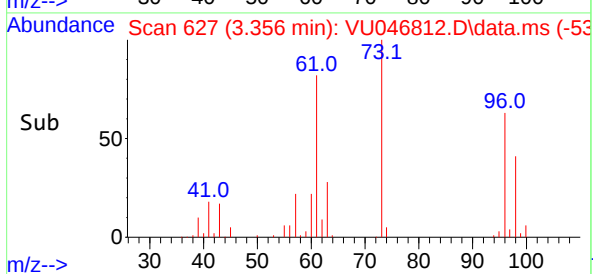
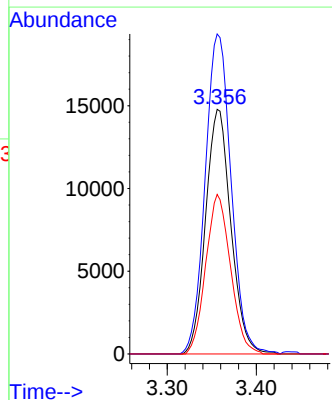
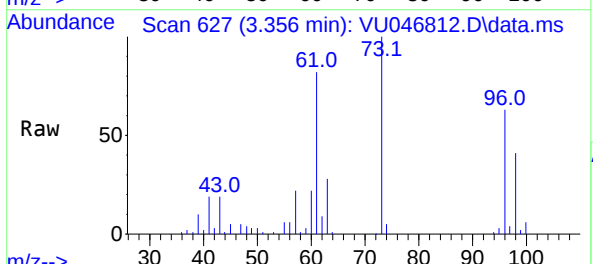
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

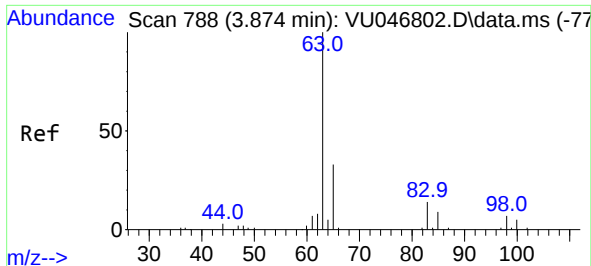
Tgt Ion: 73 Resp: 73850
Ion Ratio Lower Upper
73 100
43 18.1 14.8 22.2
57 20.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.430 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 96 Resp: 29175
Ion Ratio Lower Upper
96 100
61 130.8 100.8 187.2
98 65.2 45.1 83.7

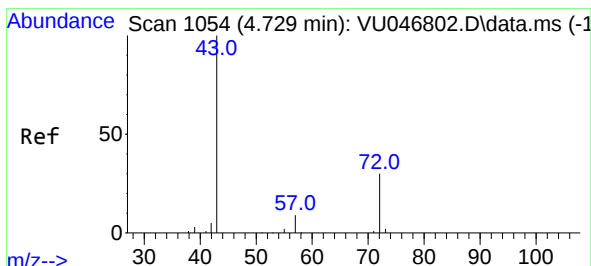
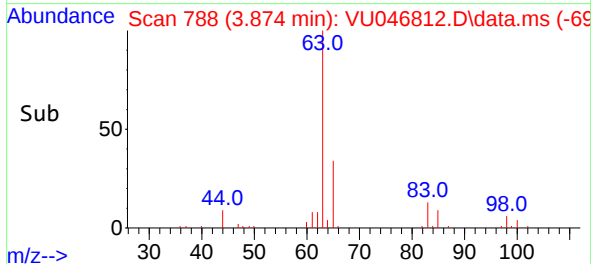
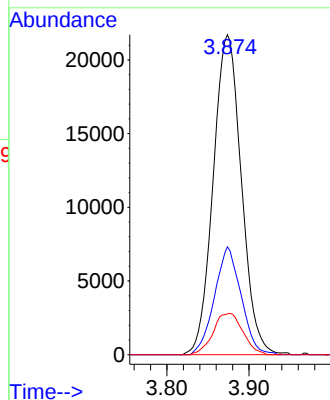
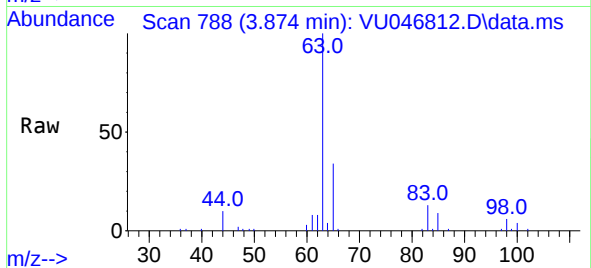




#19
1,1-Dichloroethane
Concen: 5.739 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

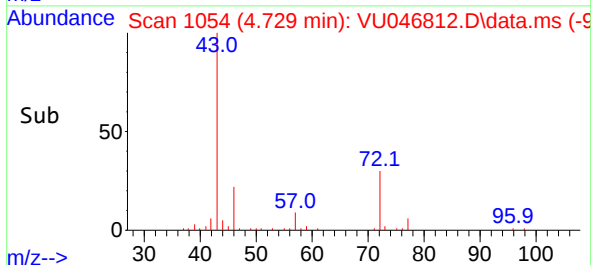
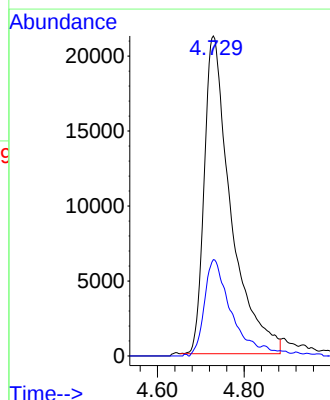
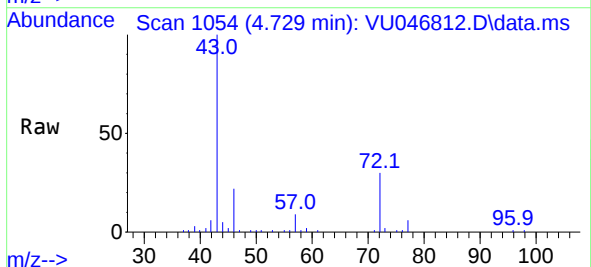
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

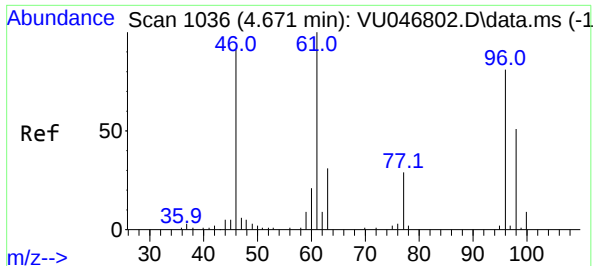
Tgt Ion:	63	Resp:	51759
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.5
83	12.8	9.6	17.8



#21
2-Butanone
Concen: 46.495 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.010 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:	43	Resp:	90691
Ion	Ratio	Lower	Upper
43	100		
72	29.3	14.1	42.3



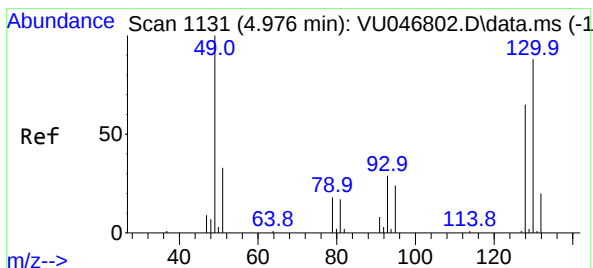
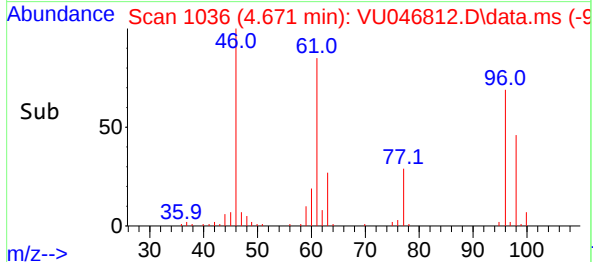
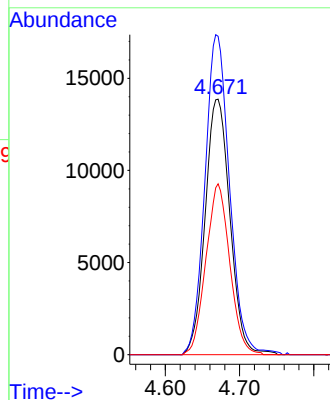
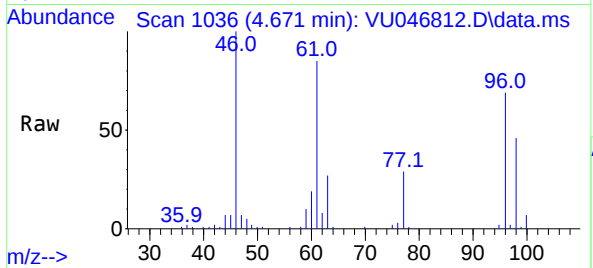


#22
cis-1,2-Dichloroethene
Concen: 5.679 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

Tgt Ion: 96 Resp: 32184

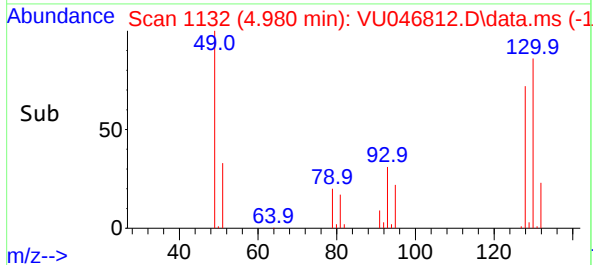
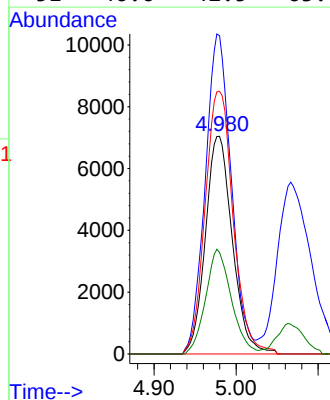
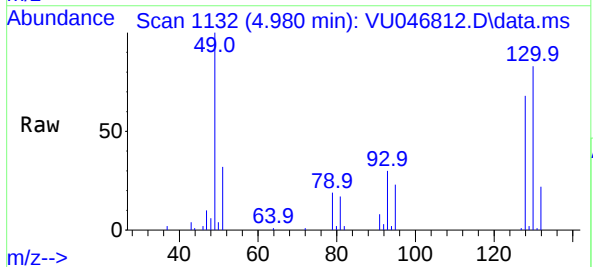
Ion	Ratio	Lower	Upper
96	100		
61	124.6	88.5	164.3
98	66.9	44.4	82.5

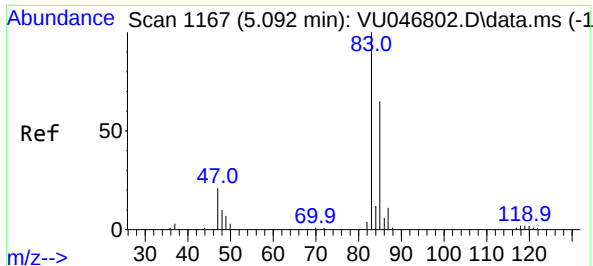


#23
Bromochloromethane
Concen: 5.756 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 128 Resp: 16049

Ion	Ratio	Lower	Upper
128	100		
49	146.2	117.0	217.2
130	120.6	88.2	163.8
51	46.6	42.5	63.7





#25

Chloroform

Concen: 3.905 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

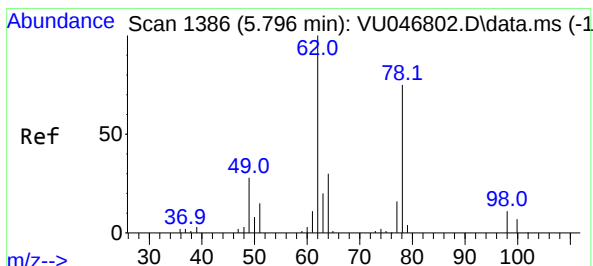
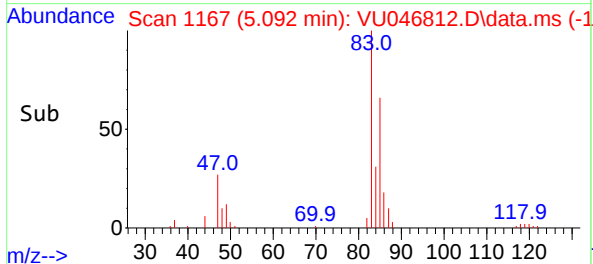
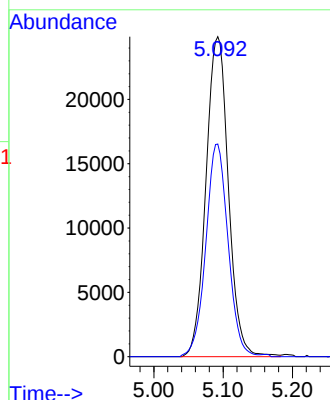
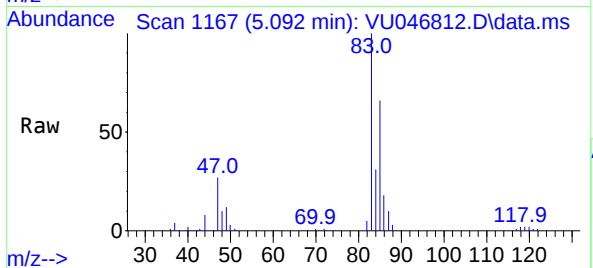
GBCM2MS

Tgt Ion: 83 Resp: 55910

Ion Ratio Lower Upper

83 100

85 66.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.028 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046812.D

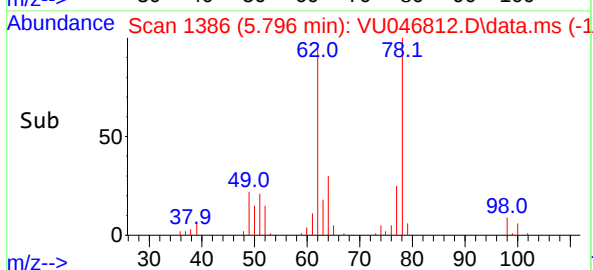
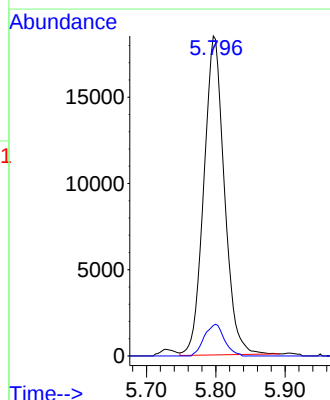
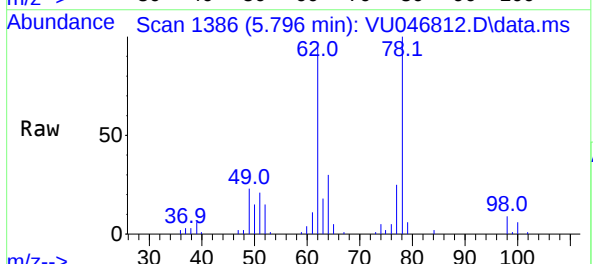
Acq: 20 Jan 2022 15:38

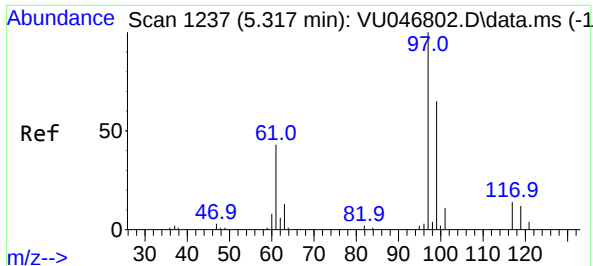
Tgt Ion: 62 Resp: 38089

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8

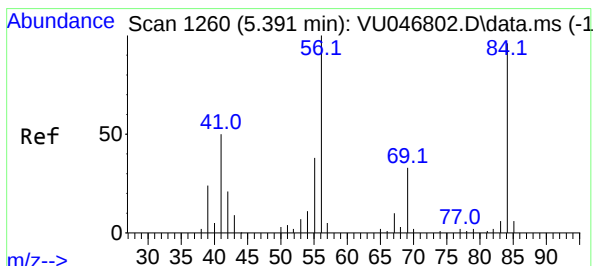
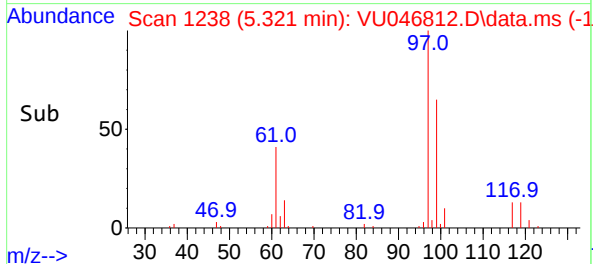
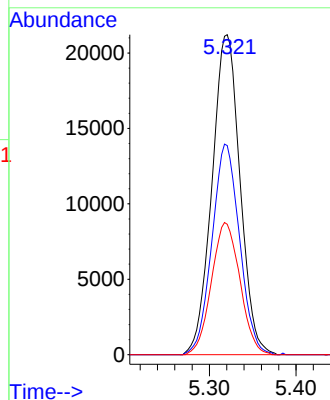
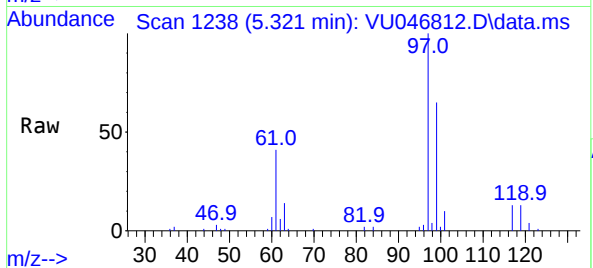




#29
1,1,1-Trichloroethane
Concen: 5.655 ug/L
RT: 5.321 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

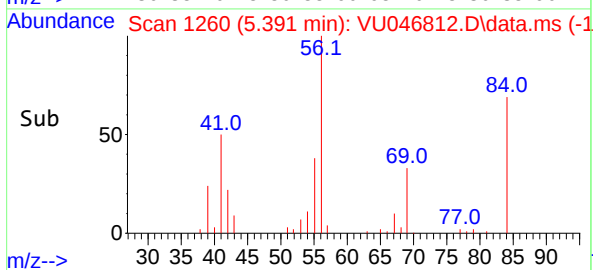
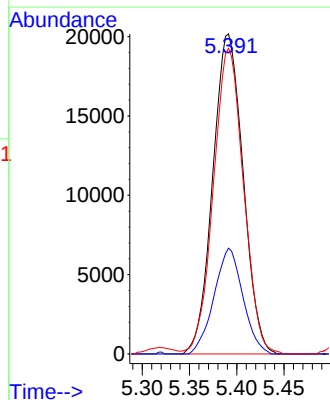
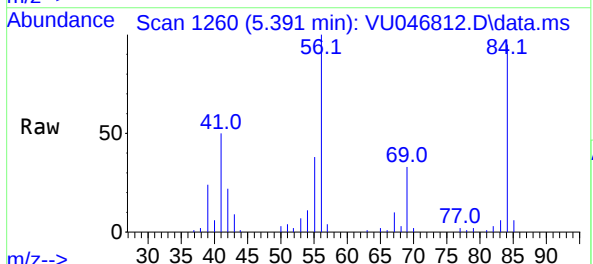
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

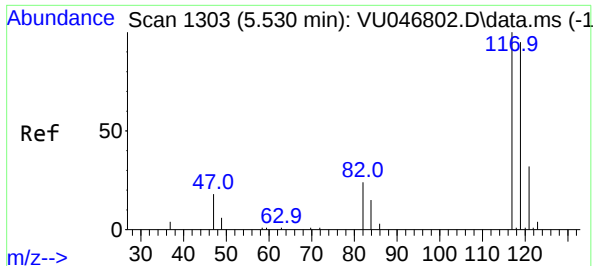
Tgt Ion: 97	Resp: 47767
Ion Ratio	Lower Upper
97 100	
99 64.7	51.3 76.9
61 42.0	36.1 54.1



#30
Cyclohexane
Concen: 5.245 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 56	Resp: 44936
Ion Ratio	Lower Upper
56 100	
69 31.5	24.7 37.1
84 94.8	71.8 107.6

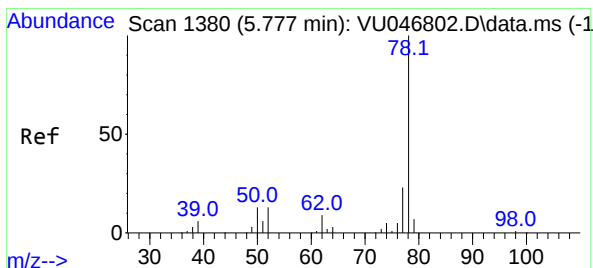
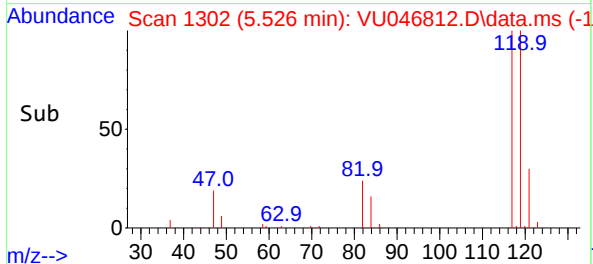
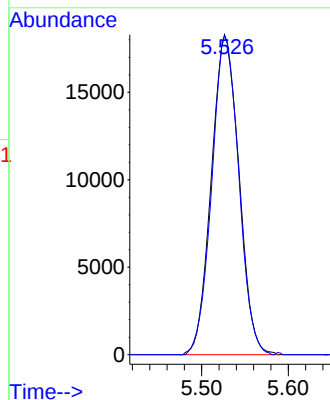
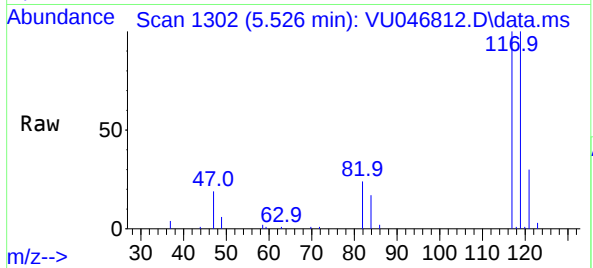




#31
Carbon tetrachloride
Concen: 5.581 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

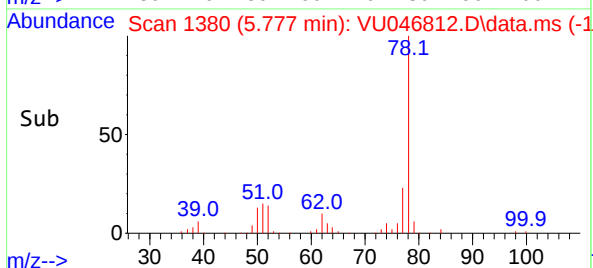
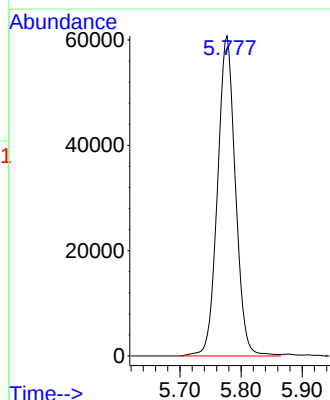
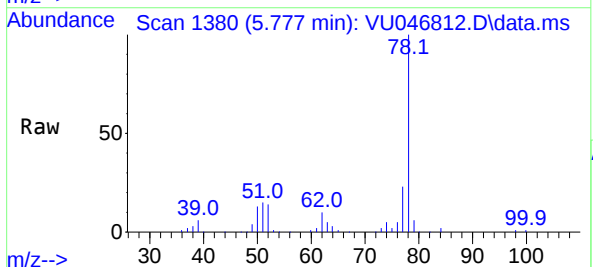
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

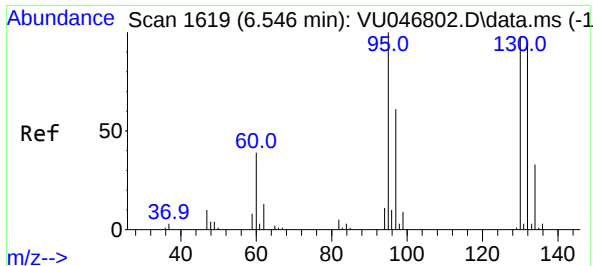
Tgt Ion:117 Resp: 40445
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 5.595 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 78 Resp: 123522

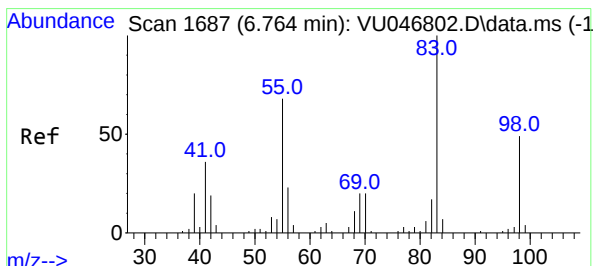
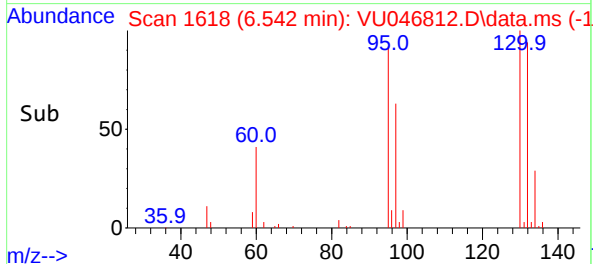
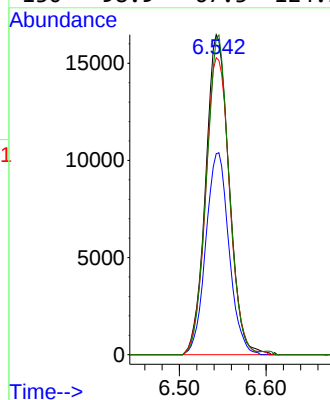
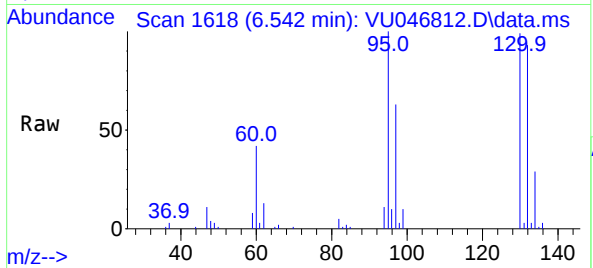




#34
Trichloroethene
Concen: 5.426 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

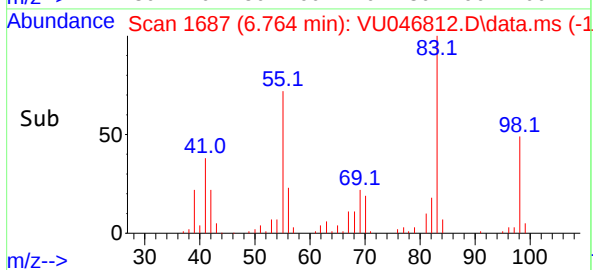
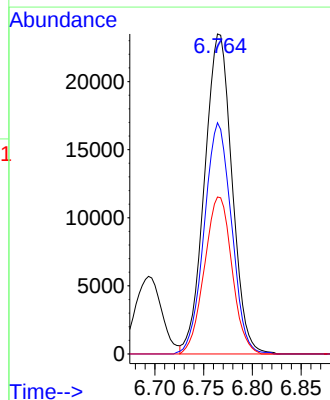
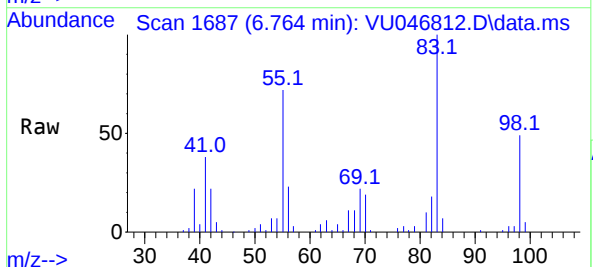
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

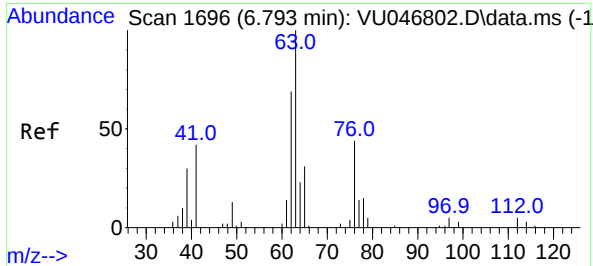
Tgt Ion: 95 Resp: 31102
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.5
132 92.8 65.1 120.9
130 98.9 67.3 124.9



#35
Methylcyclohexane
Concen: 4.800 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 83 Resp: 46085
Ion Ratio Lower Upper
83 100
55 71.8 61.9 92.9
98 49.2 39.0 58.6

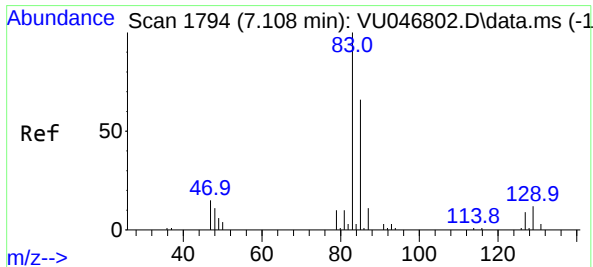
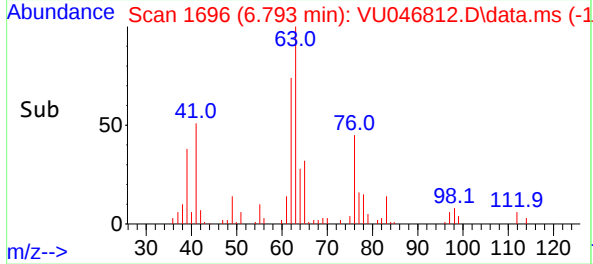
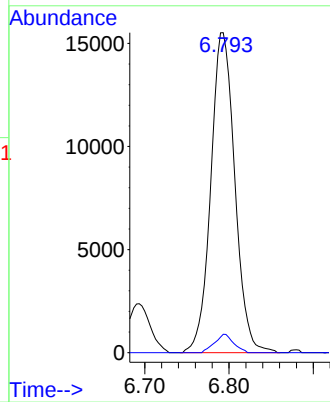
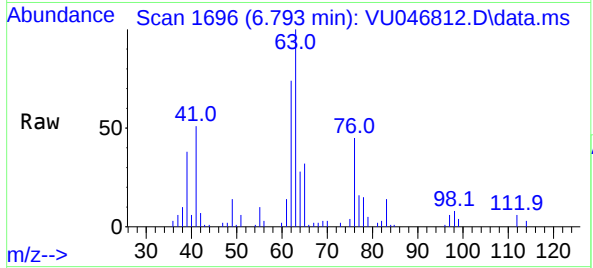




#37
1,2-Dichloropropane
Concen: 5.680 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

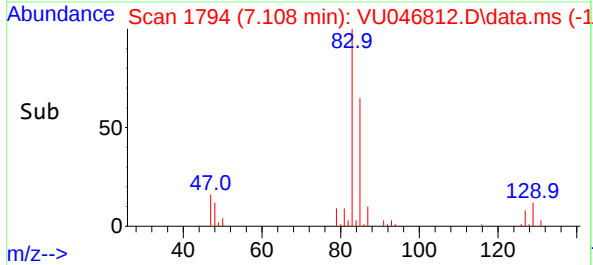
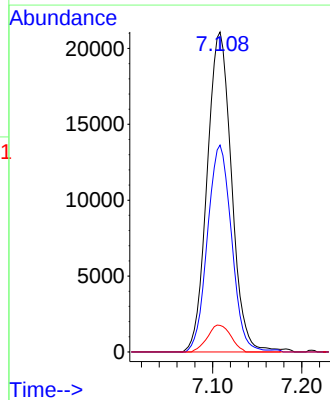
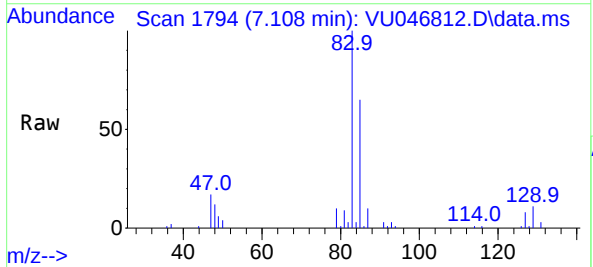
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

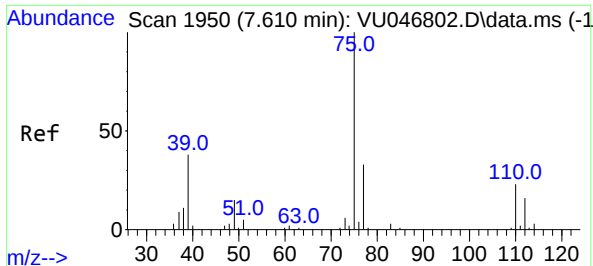
Tgt Ion: 63 Resp: 30765
Ion Ratio Lower Upper
63 100
112 4.5 3.2 4.8



#38
Bromodichloromethane
Concen: 5.134 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 83 Resp: 40017
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.8
127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.048 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

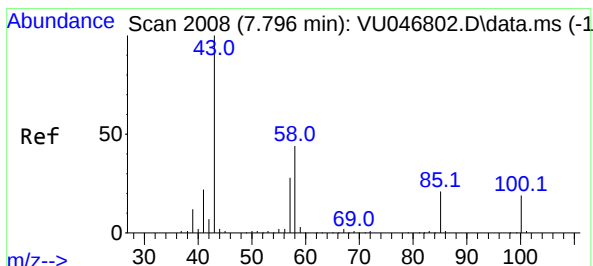
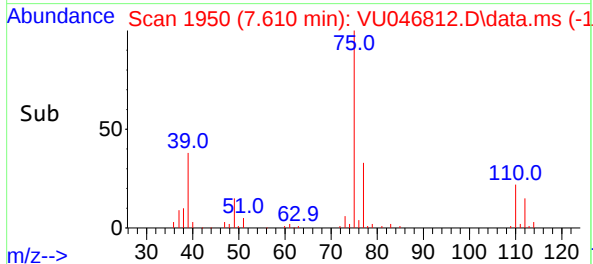
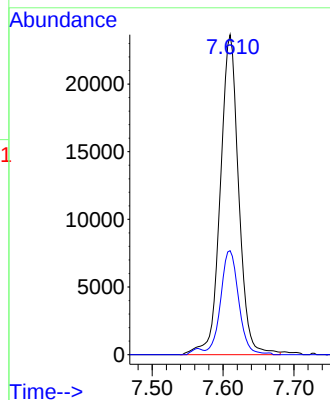
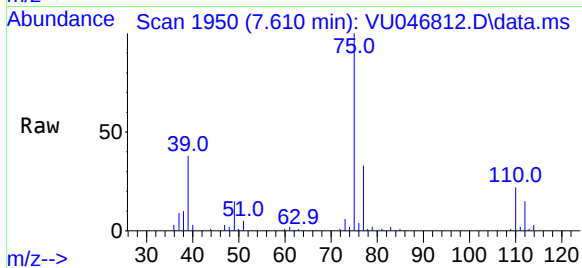
GBCM2MS

Tgt Ion: 75 Resp: 42659

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.733 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

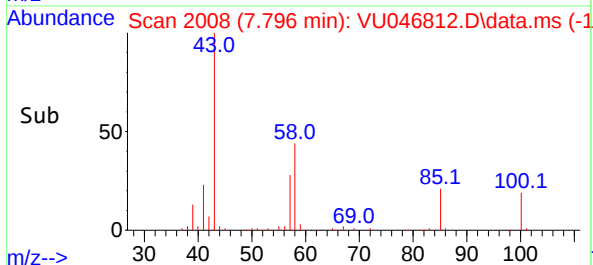
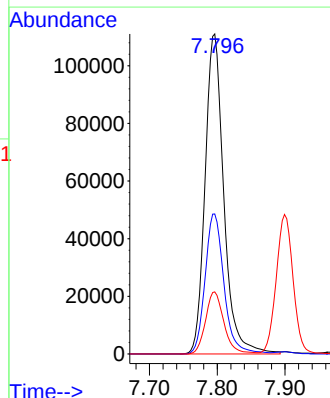
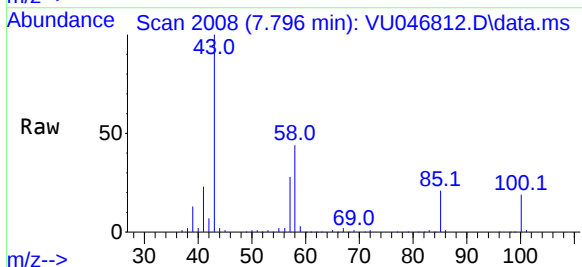
Tgt Ion: 43 Resp: 213355

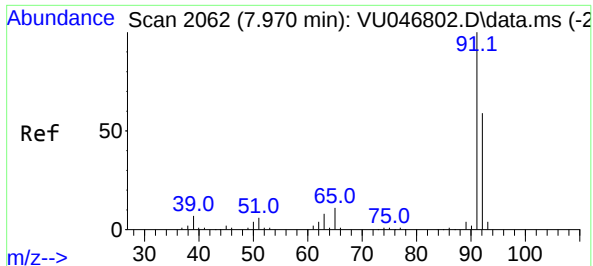
Ion Ratio Lower Upper

43 100

58 44.2 33.1 49.7

100 19.1 13.2 19.8





#42

Toluene

Concen: 5.027 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

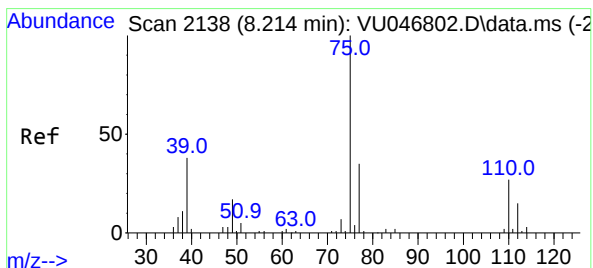
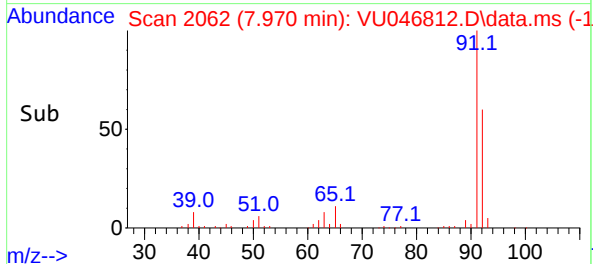
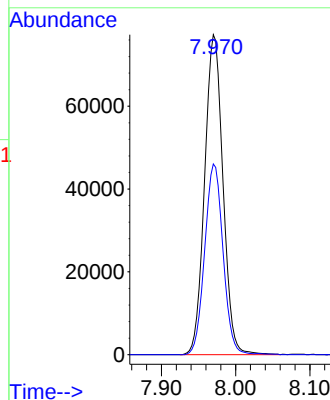
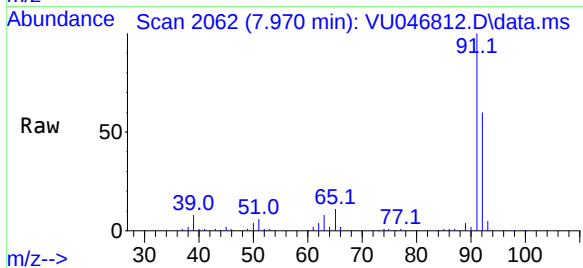
GBCM2MS

Tgt Ion: 91 Resp: 132669

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.096 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046812.D

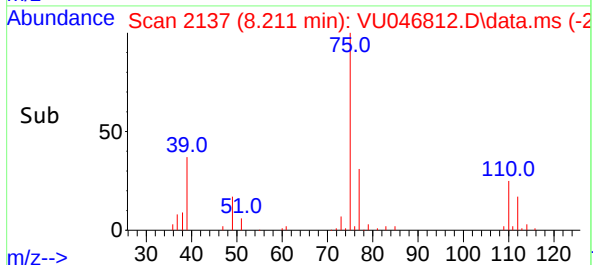
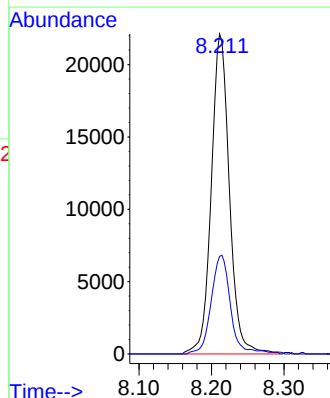
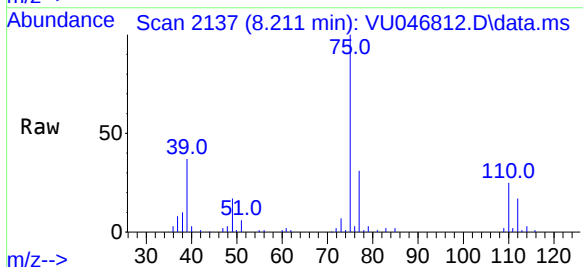
Acq: 20 Jan 2022 15:38

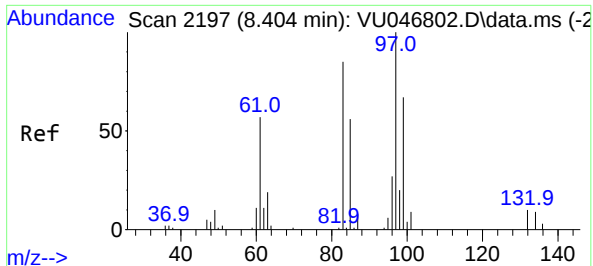
Tgt Ion: 75 Resp: 38364

Ion Ratio Lower Upper

75 100

77 30.5 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.537 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

GBCM2MS

Tgt Ion: 97 Resp: 25516

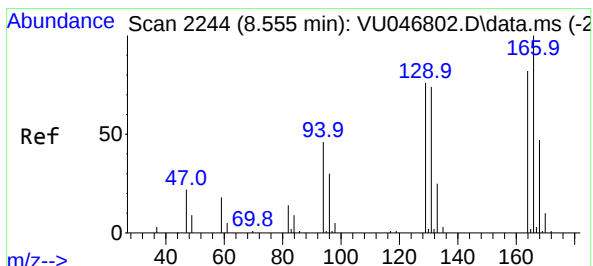
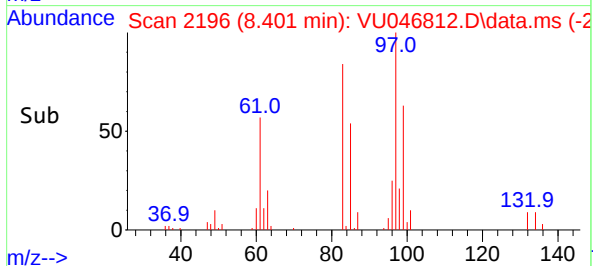
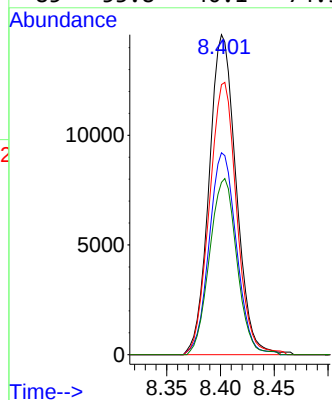
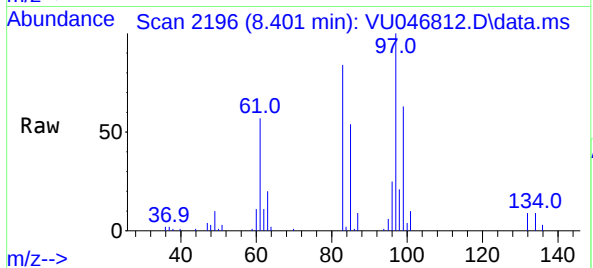
Ion Ratio Lower Upper

97 100

99 63.1 42.3 78.5

83 84.4 62.0 115.2

85 53.8 40.1 74.5



#47

Tetrachloroethene

Concen: 5.168 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Tgt Ion:164 Resp: 24092

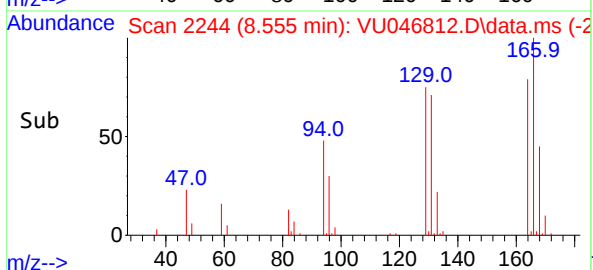
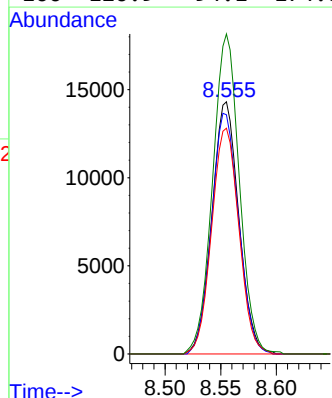
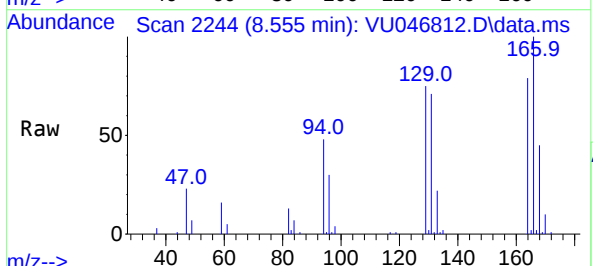
Ion Ratio Lower Upper

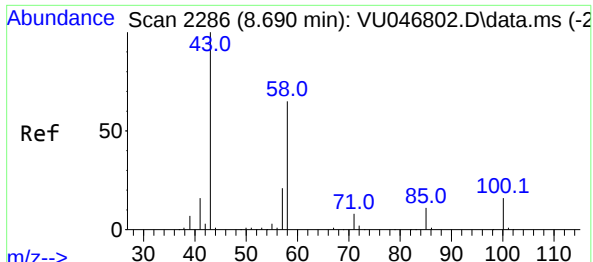
164 100

129 94.8 71.8 133.4

131 89.5 68.5 127.3

166 126.9 94.1 174.8

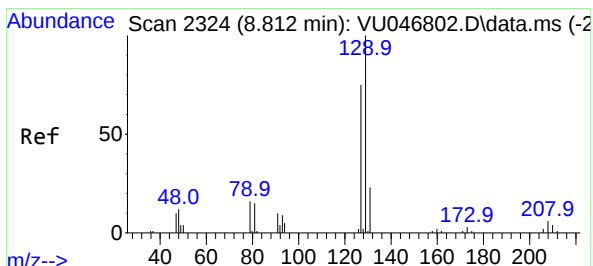
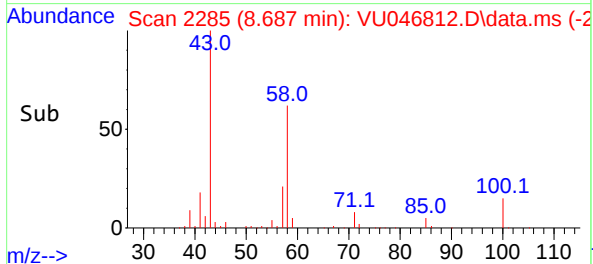
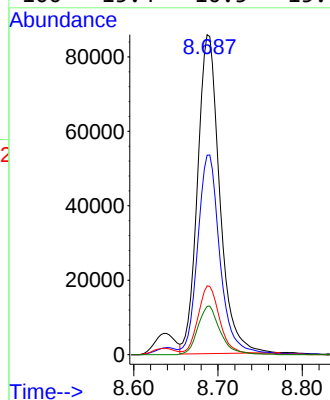
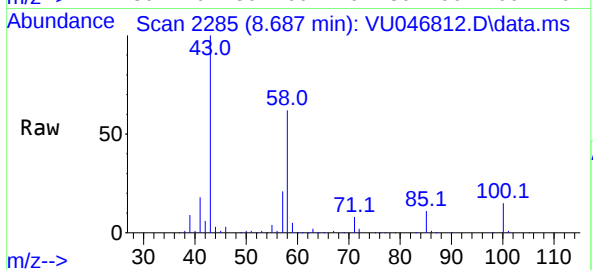




#48
2-Hexanone
Concen: 52.330 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

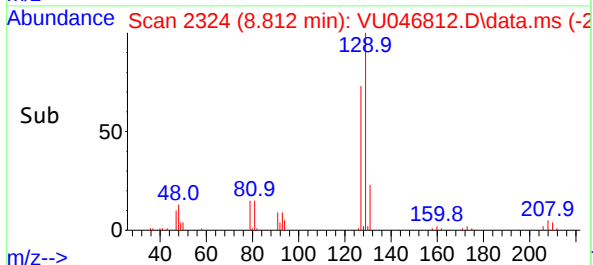
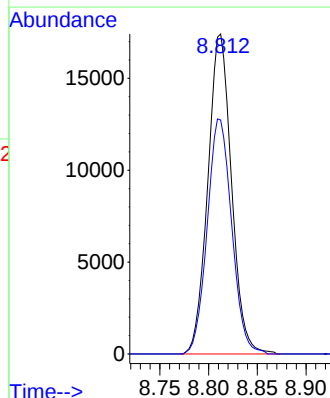
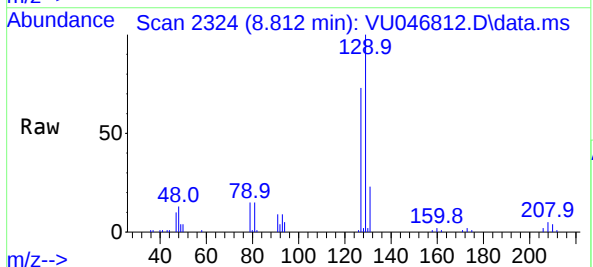
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

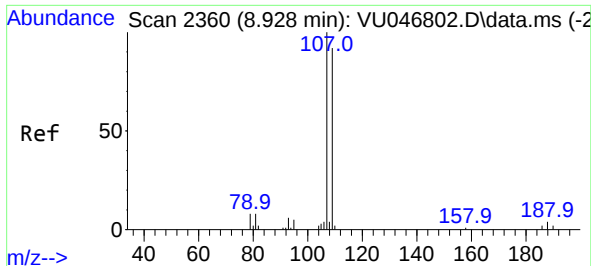
Tgt Ion: 43 Resp: 156839
Ion Ratio Lower Upper
43 100
58 62.7 46.7 70.1
57 21.3 16.3 24.5
100 15.4 10.5 15.7



#49
Dibromochloromethane
Concen: 5.416 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 129 Resp: 29437
Ion Ratio Lower Upper
129 100
127 73.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.185 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

GBCM2MS

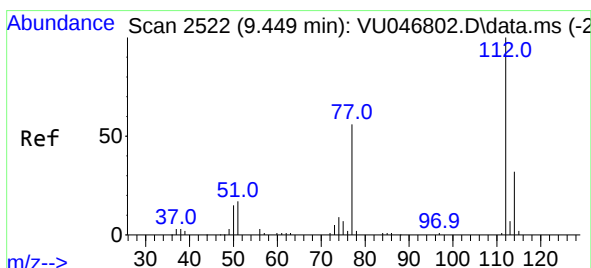
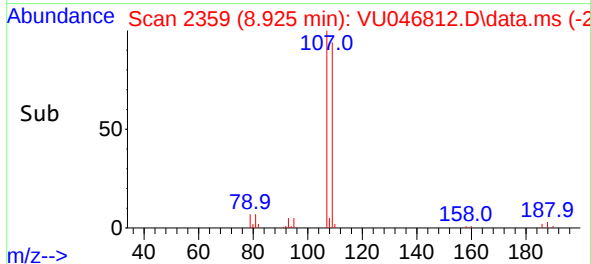
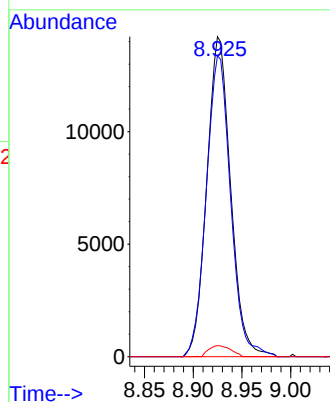
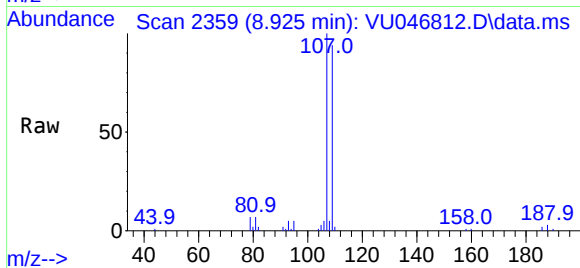
Tgt Ion:107 Resp: 24217

Ion Ratio Lower Upper

107 100

109 94.1 64.0 119.0

188 3.5 2.4 3.6



#51

Chlorobenzene

Concen: 5.346 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

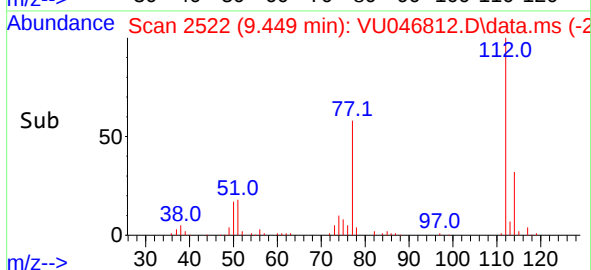
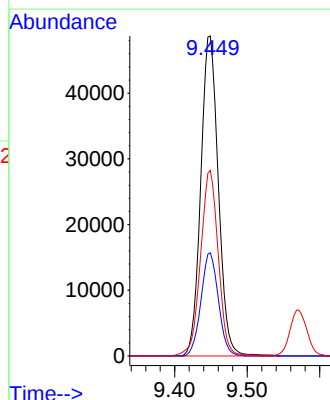
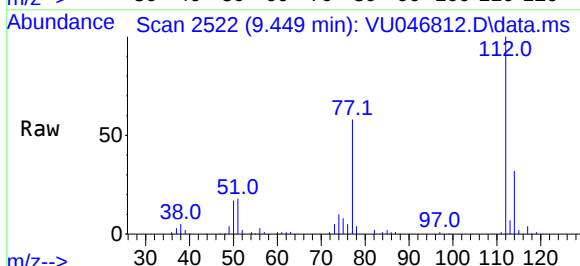
Tgt Ion:112 Resp: 81939

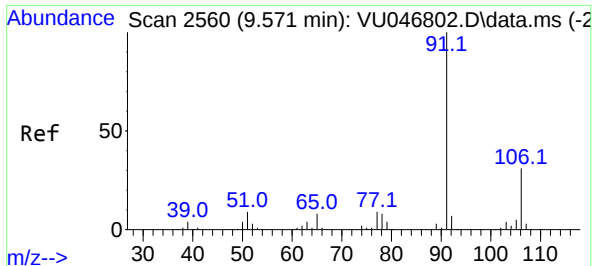
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 58.0 48.3 72.5

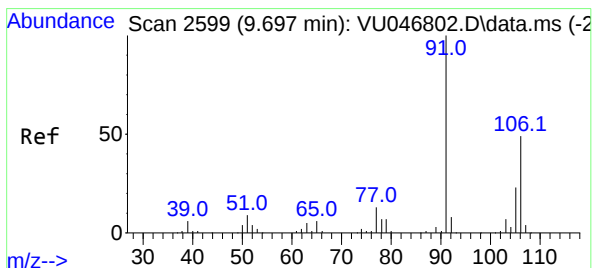
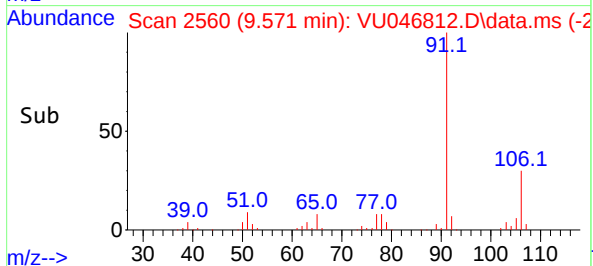
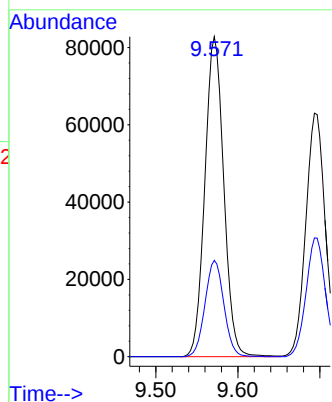
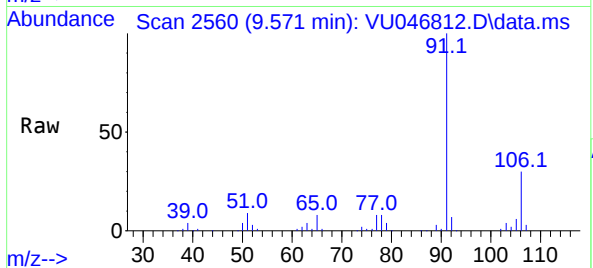




#52
Ethylbenzene
Concen: 5.272 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

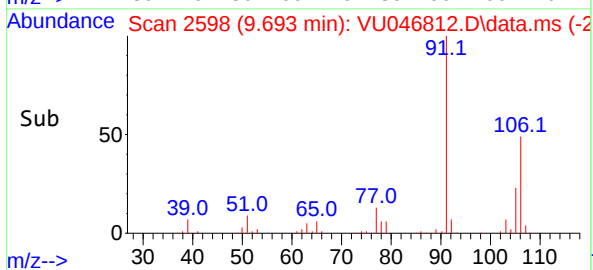
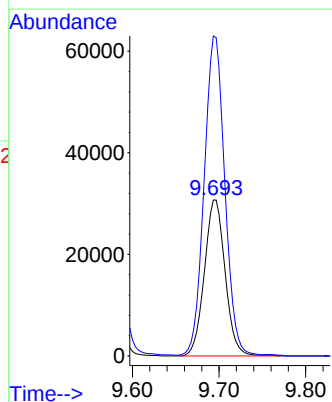
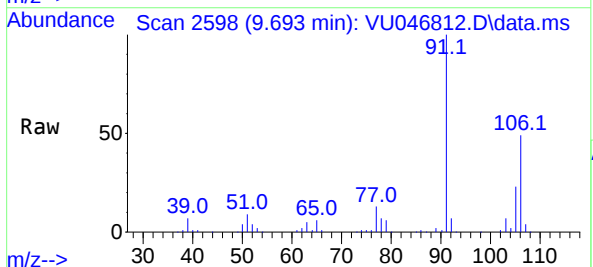
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

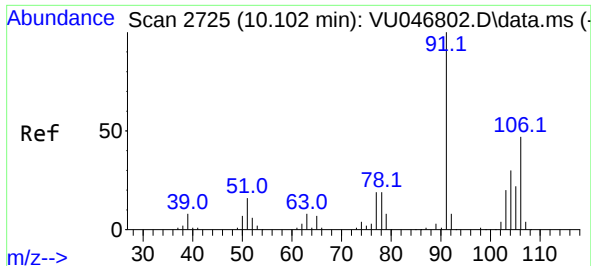
Tgt Ion: 91 Resp: 132275
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.101 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 106 Resp: 51020
Ion Ratio Lower Upper
106 100
91 205.1 139.4 259.0

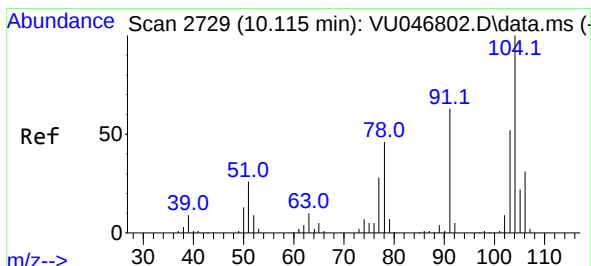
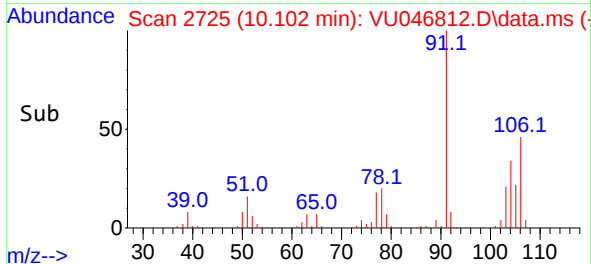
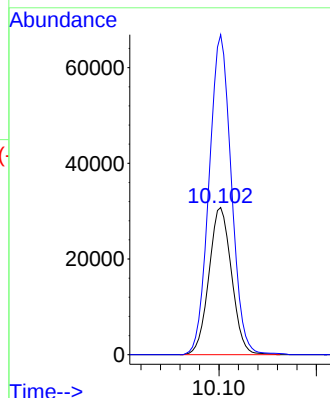
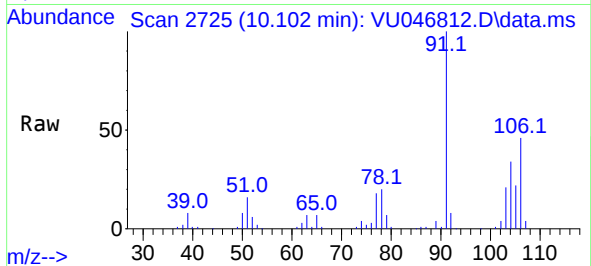




#54
o-Xylene
Concen: 5.112 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

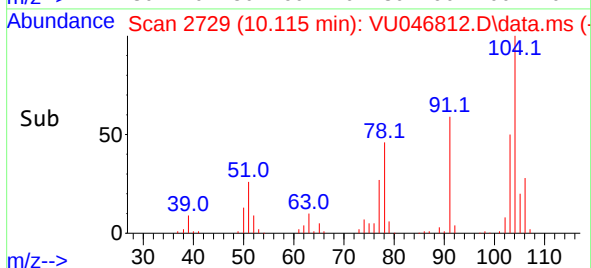
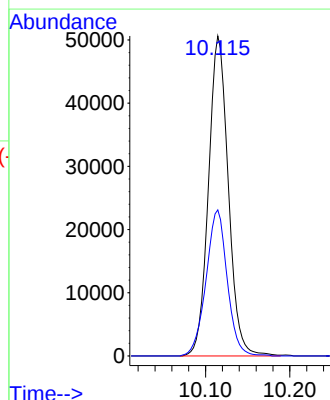
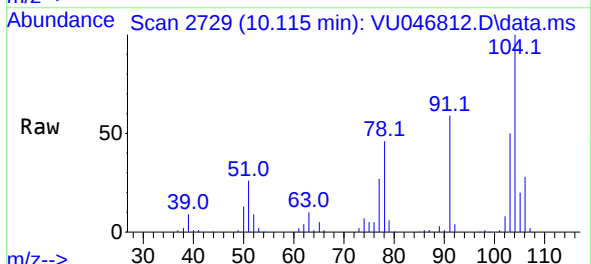
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

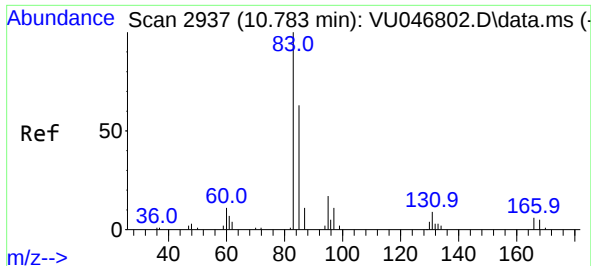
Tgt Ion:106 Resp: 49560
Ion Ratio Lower Upper
106 100
91 217.3 147.5 273.9



#55
Styrene
Concen: 5.223 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:104 Resp: 82840
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4

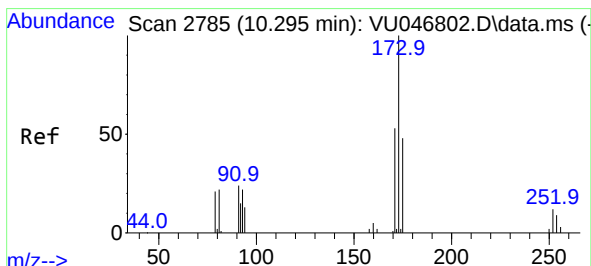
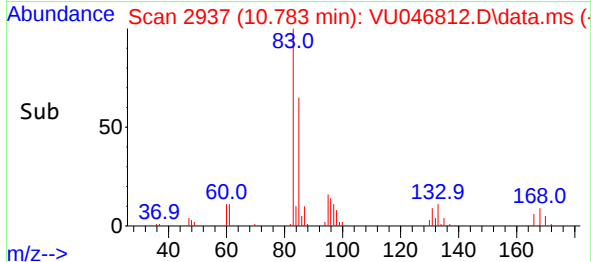
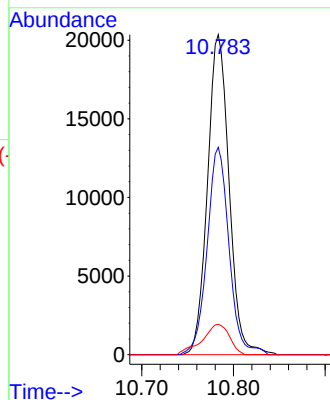
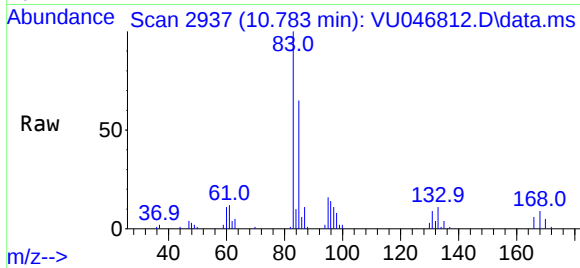




#57
1,1,2,2-Tetrachloroethane
Concen: 5.378 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

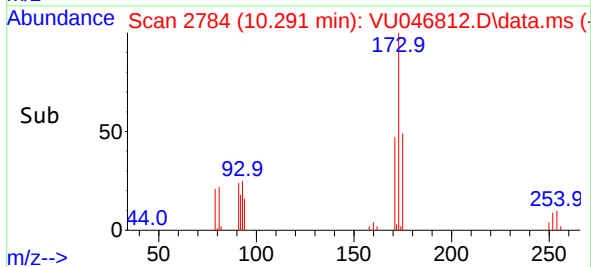
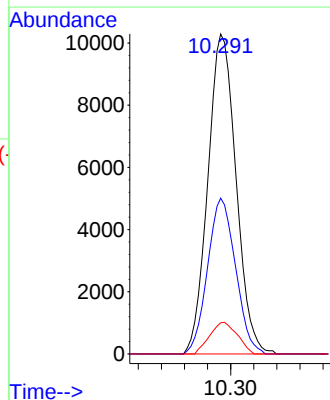
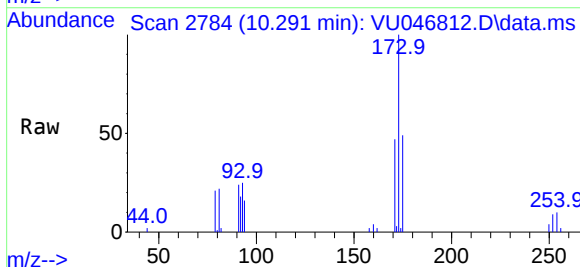
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

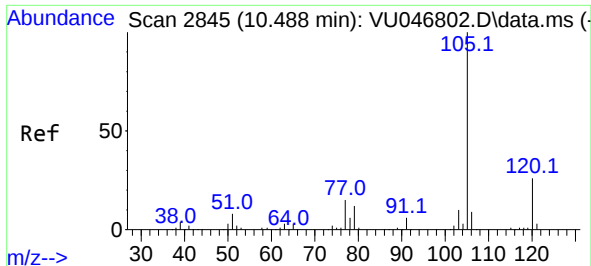
Tgt Ion: 83 Resp: 33323
Ion Ratio Lower Upper
83 100
85 64.8 47.9 89.1
131 9.5 8.1 12.1



#59
Bromoform
Concen: 6.000 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:173 Resp: 17436
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 9.7 7.3 10.9



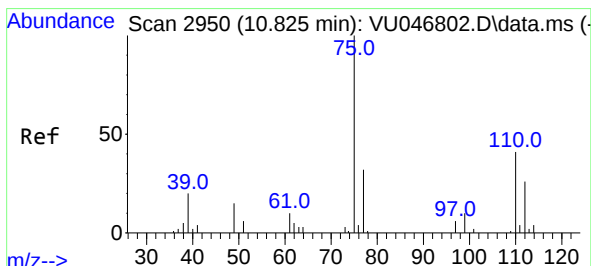
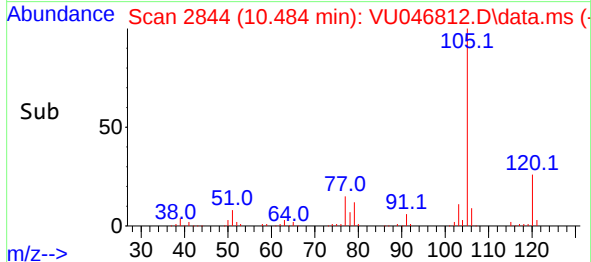
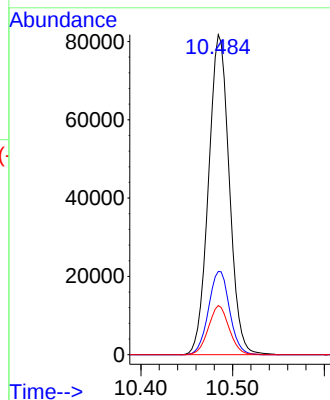
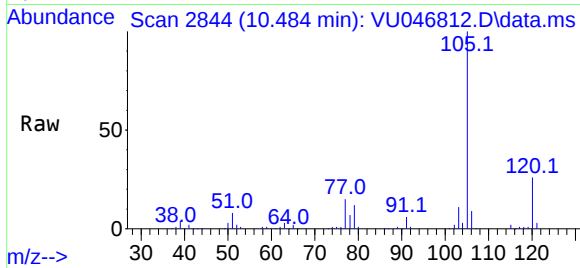


#60
Isopropylbenzene
Concen: 5.834 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

Tgt Ion:105 Resp: 128253

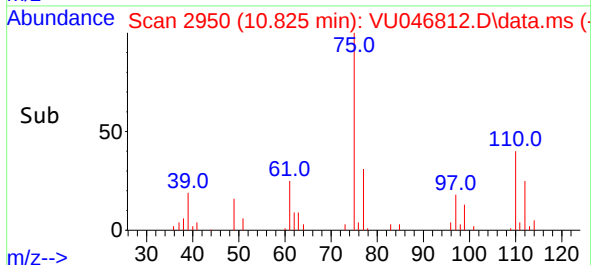
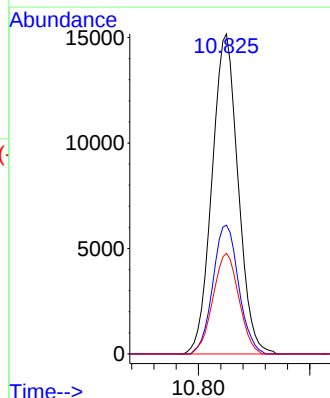
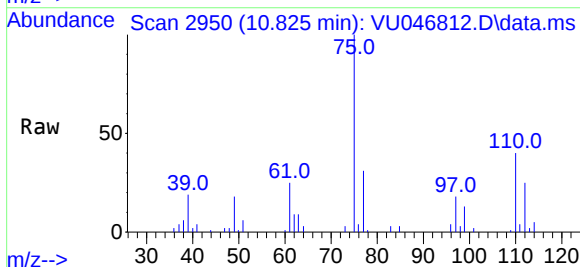
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.7	31.1
77	15.3	12.6	19.0

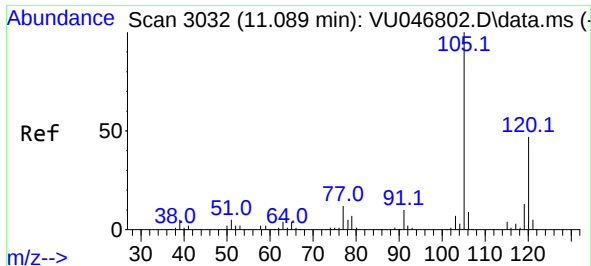


#61
1,2,3-Trichloropropane
Concen: 6.170 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 75 Resp: 24670

Ion	Ratio	Lower	Upper
75	100		
110	39.8	29.9	44.9
77	31.2	25.5	38.3

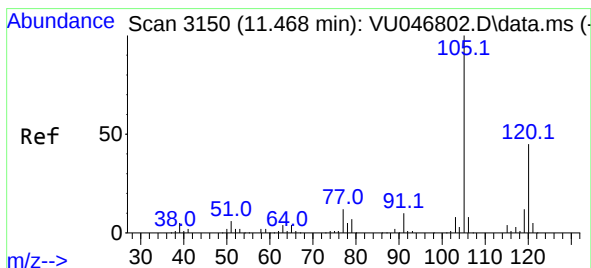
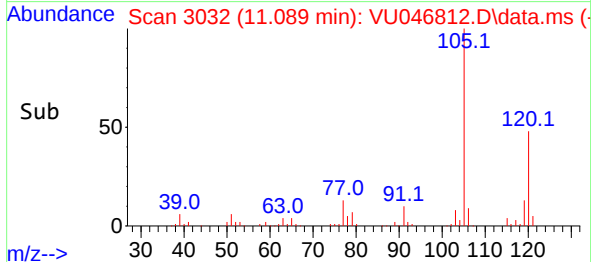
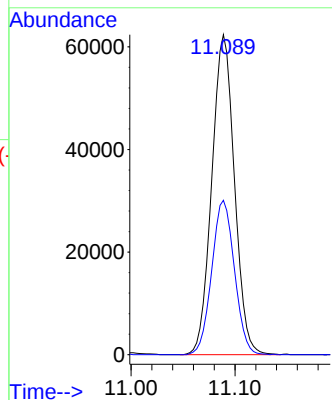
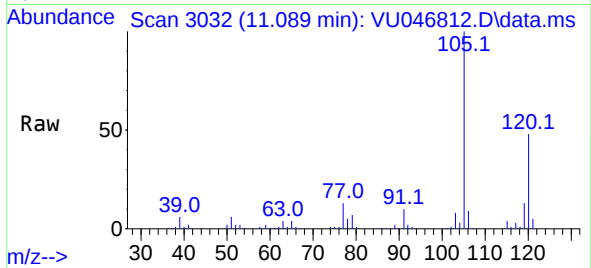




#62
1,3,5-Trimethylbenzene
Concen: 5.229 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

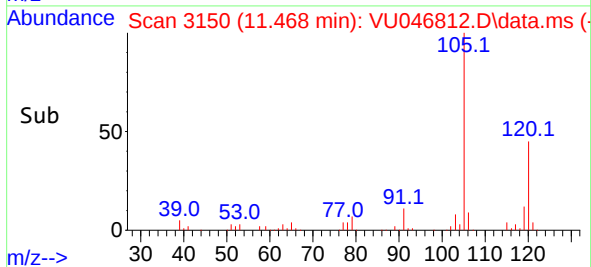
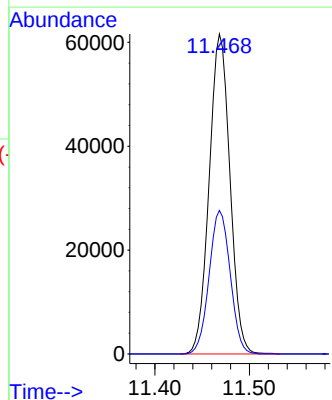
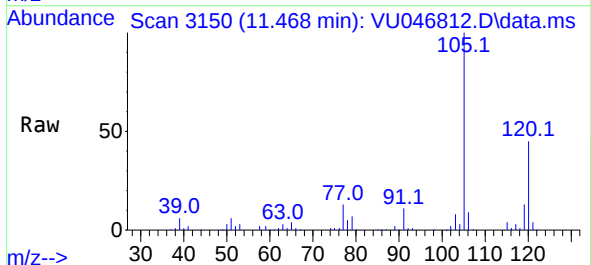
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

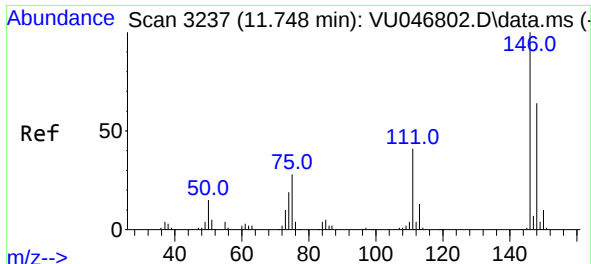
Tgt Ion:105 Resp: 94344
Ion Ratio Lower Upper
105 100
120 48.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.065 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:105 Resp: 94050
Ion Ratio Lower Upper
105 100
120 45.4 35.8 53.8

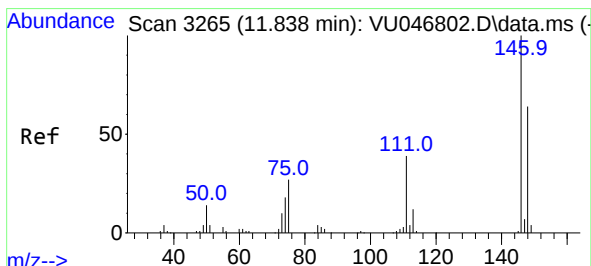
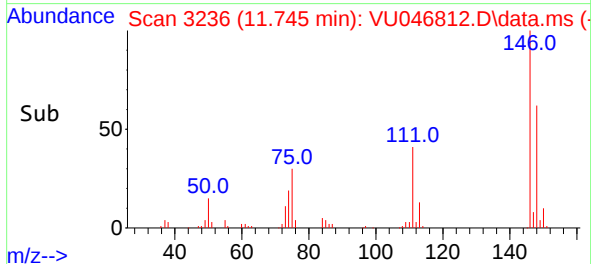
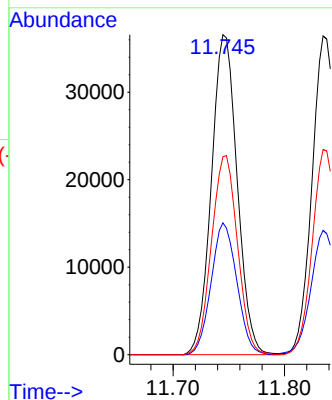
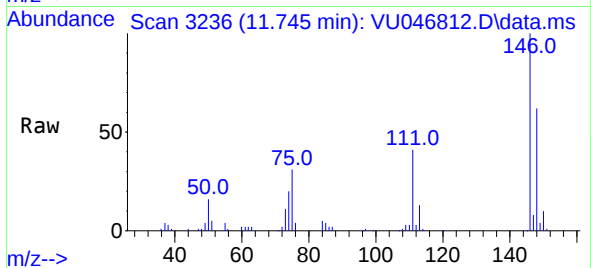




#64
1,3-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

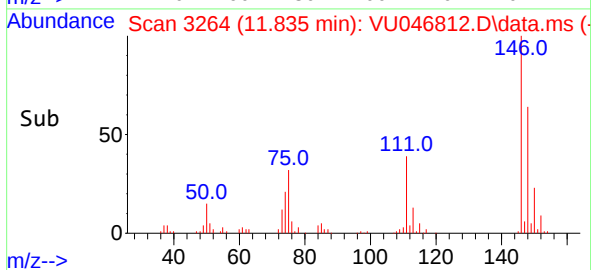
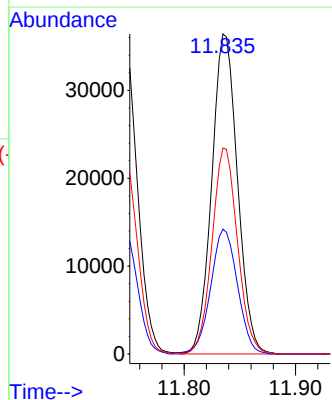
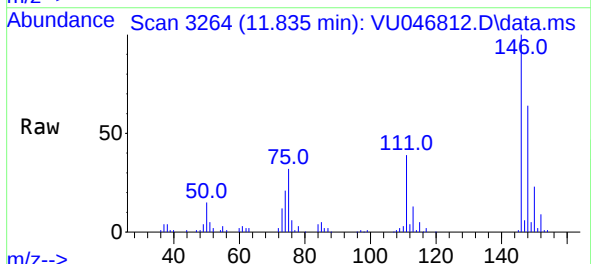
Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

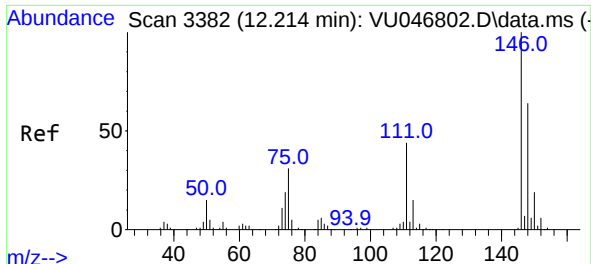
Tgt Ion:146 Resp: 58907
Ion Ratio Lower Upper
146 100
111 41.2 29.9 55.5
148 61.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.286 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:146 Resp: 58447
Ion Ratio Lower Upper
146 100
111 39.0 28.7 53.3
148 64.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.463 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_U

ClientSampleId :

GBCM2MS

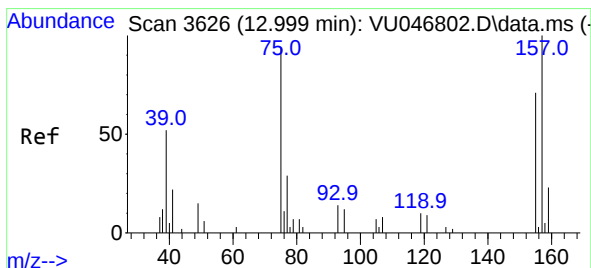
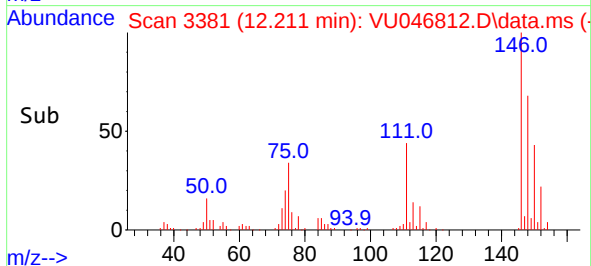
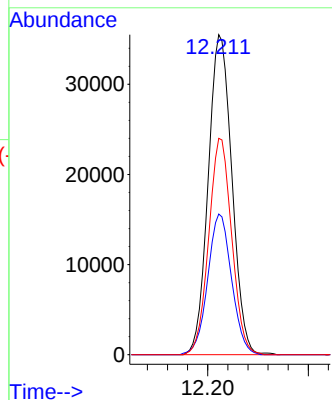
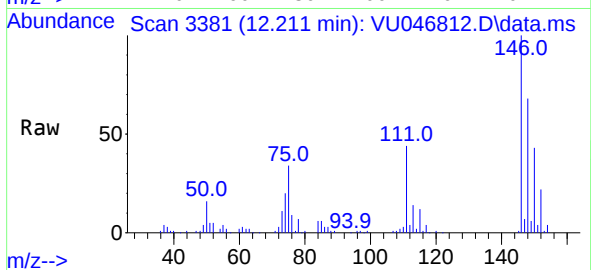
Tgt Ion:146 Resp: 58061

Ion Ratio Lower Upper

146 100

111 43.9 35.4 53.0

148 67.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.734 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046812.D

Acq: 20 Jan 2022 15:38

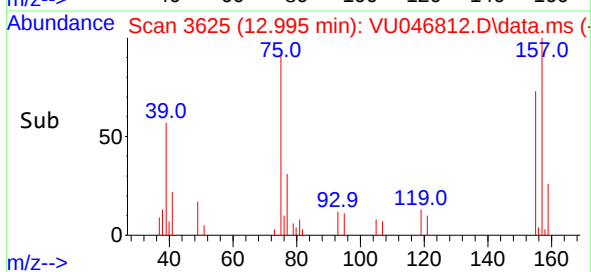
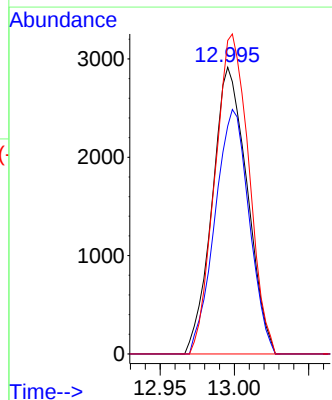
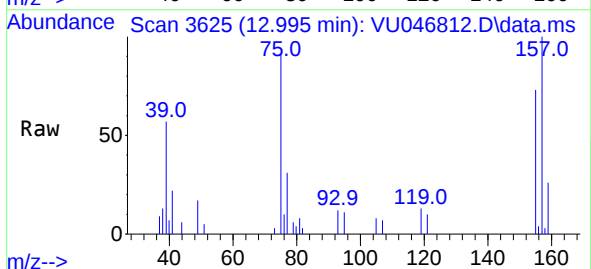
Tgt Ion: 75 Resp: 4759

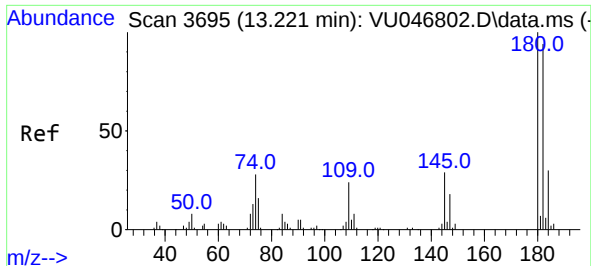
Ion Ratio Lower Upper

75 100

155 79.5 59.2 88.8

157 109.3 76.5 114.7

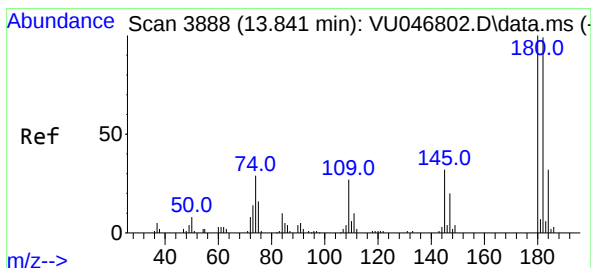
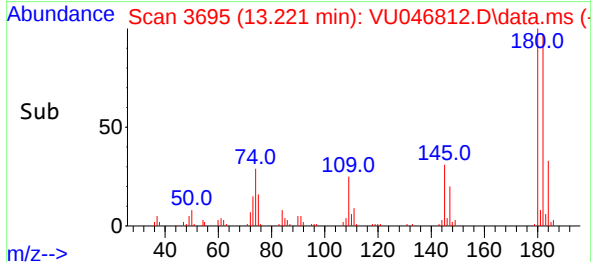
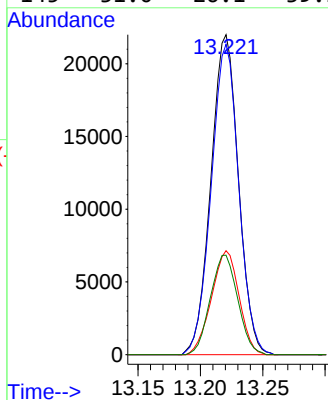
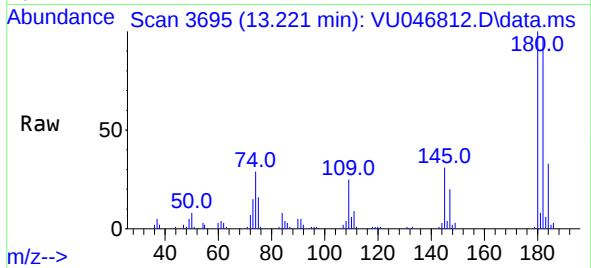




#69
 1,3,5-Trichlorobenzene
 Concen: 3.908 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

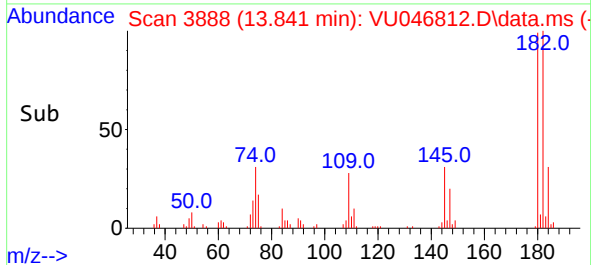
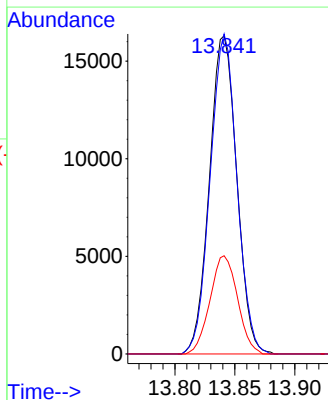
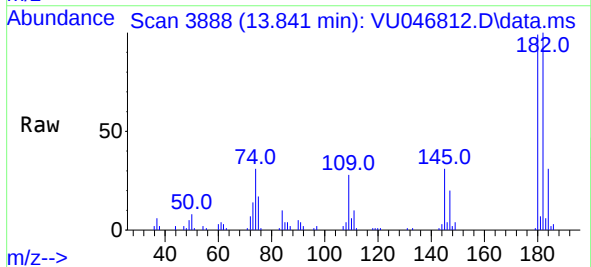
Instrument :
 MSVOA_U
 ClientSampleId :
 GBCM2MS

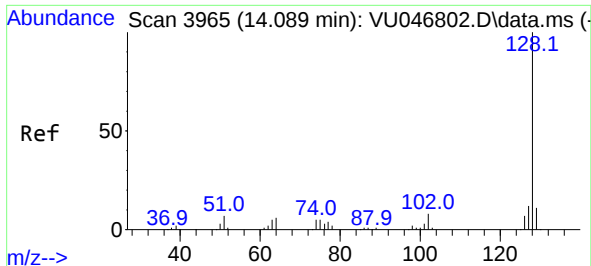
Tgt Ion:180	Resp:	33851
Ion	Ratio	Lower Upper
180	100	
182	96.8	76.1 114.1
184	32.5	25.0 37.4
145	31.0	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.567 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046812.D
 Acq: 20 Jan 2022 15:38

Tgt Ion:180	Resp:	25833
Ion	Ratio	Lower Upper
180	100	
182	98.1	76.4 114.6
145	31.1	25.6 38.4

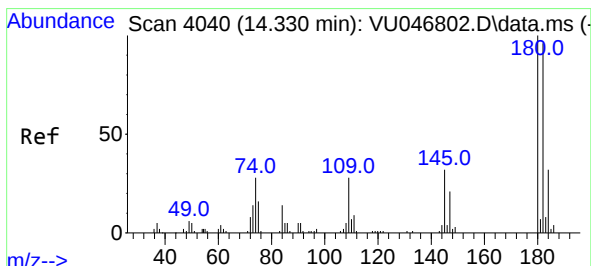
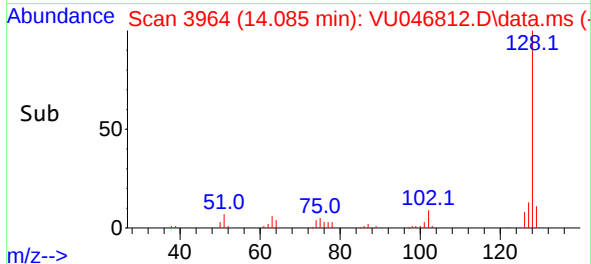
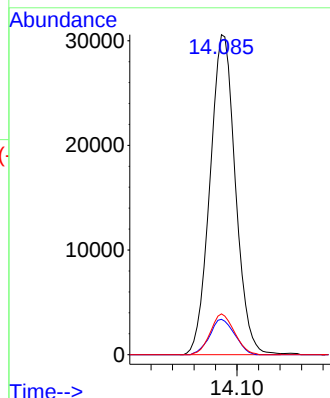
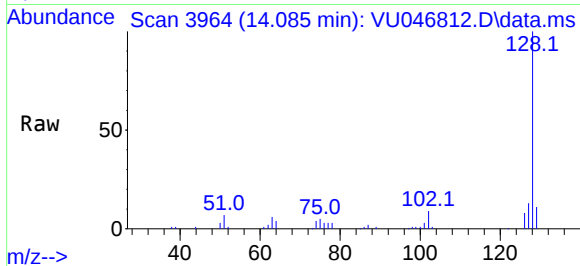




#71
Naphthalene
Concen: 3.400 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

Tgt Ion:128	Resp:	50124
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.4 12.6
127	12.1	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.894 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046812.D
Acq: 20 Jan 2022 15:38

Tgt Ion:180	Resp:	26636
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.4
145	32.0	28.4 42.6

