

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046511.D
 Acq On : 20 Dec 2021 15:45
 Operator : SY/MD
 Sample : M5150-23MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0MS

Quant Time: Dec 21 00:15:57 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	132480	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73546	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41180	37.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.460%
7) Chloroethane-d5	1.922	69	30350	36.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.440%
11) 1,1-Dichloroethene-d2	2.578	63	72108	36.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
21) 2-Butanone-d5	4.642	46	58940	67.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.940%
24) Chloroform-d	5.067	84	71900	39.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.900%
26) 1,2-Dichloroethane-d4	5.703	65	46708	38.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.380%
32) Benzene-d6	5.732	84	140131	36.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.300%
36) 1,2-Dichloropropane-d6	6.694	67	43307	36.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.100%
41) Toluene-d8	7.899	98	125275	35.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.960%#
43) trans-1,3-Dichloroprop...	8.179	79	22001	38.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.920%
47) 2-Hexanone-d5	8.636	63	42328	75.337	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64914	36.122	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	48706	34.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41653	28.899	ug/L	100
3) Chloromethane	1.527	50	35010	27.156	ug/L	98
5) Vinyl chloride	1.610	62	57394	44.153	ug/L	98
6) Bromomethane	1.864	94	21439	29.099	ug/L	98
8) Chloroethane	1.941	64	20266	26.926	ug/L	98
9) Trichlorofluoromethane	2.147	101	49192	28.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	26094	27.069	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36750	40.119	ug/L	94
13) Acetone	2.662	43	35177	32.444	ug/L	99
14) Carbon disulfide	2.800	76	76494	26.916	ug/L	98
15) Methyl Acetate	2.961	43	29141	23.056	ug/L	96
16) Methylene chloride	3.054	84	27820	25.526	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	30834	31.807	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	77071	25.798	ug/L	99
19) 1,1-Dichloroethane	3.877	63	47149	26.750	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	404473	384.535	ug/L	99
22) 2-Butanone	4.723	43	44216	37.462	ug/L	95
23) Bromochloromethane	4.980	128	14928	28.100	ug/L	91
25) Chloroform	5.092	83	51344	26.218	ug/L	100

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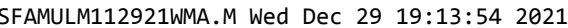
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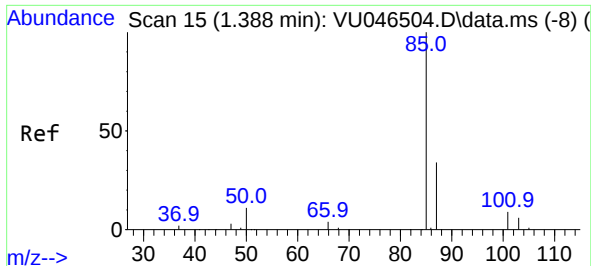
Quant Time: Dec 21 00:15:57 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40279	27.717	ug/L	100
29) Cyclohexane	5.395	56	39694	25.553	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	44890	27.413	ug/L	100
31) Carbon tetrachloride	5.530	117	39037	28.080	ug/L	100
33) Benzene	5.777	78	108879	26.966	ug/L	100
34) Trichloroethene	6.549	95	3272169	3076.287	ug/L	96
35) Methylcyclohexane	6.764	83	46770	28.358	ug/L	98
37) 1,2-Dichloropropane	6.793	63	27852	26.333	ug/L	98
38) Bromodichloromethane	7.108	83	36496	25.961	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	42620	26.488	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	72077	46.382	ug/L	99
42) Toluene	7.970	91	113774	26.261	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	41663	26.363	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	27400	25.822	ug/L	98
46) Tetrachloroethene	8.555	164	23059	29.500	ug/L	95
48) 2-Hexanone	8.687	43	58950	42.417	ug/L	98
49) Dibromochloromethane	8.813	129	30016	26.937	ug/L	91
50) 1,2-Dibromoethane	8.925	107	29181	25.365	ug/L	96
51) Chlorobenzene	9.449	112	72125	25.732	ug/L	96
52) Ethylbenzene	9.571	91	118272	25.366	ug/L	99
53) m,p-Xylene	9.694	106	46274	25.448	ug/L	98
54) o-xylene	10.102	106	43766	24.805	ug/L	95
55) Styrene	10.115	104	77110	25.598	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	45483	25.001	ug/L	97
59) Bromoform	10.292	173	21016	24.359	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	38138	23.656	ug/L	99
61) Isopropylbenzene	10.485	105	116591	24.365	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	95980	24.064	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	97873	24.527	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	54567	24.006	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	56724	24.146	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	55577	24.280	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	11396	26.534	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	39613	23.918	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34057	23.173	ug/L	99
71) Naphthalene	14.086	128	117515	22.978	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	35974	24.003	ug/L	99

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

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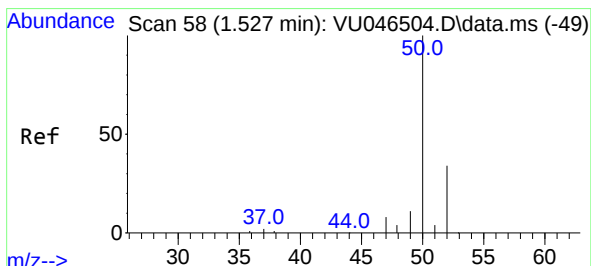
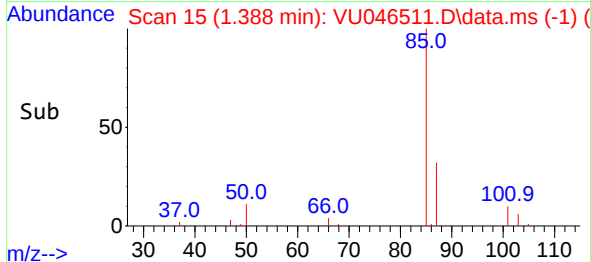
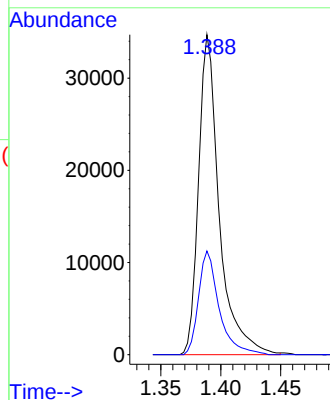
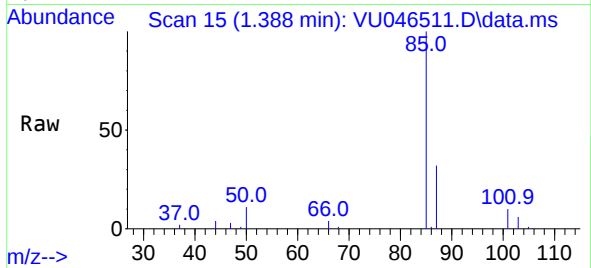




#2
Dichlorodifluoromethane
Concen: 28.899 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

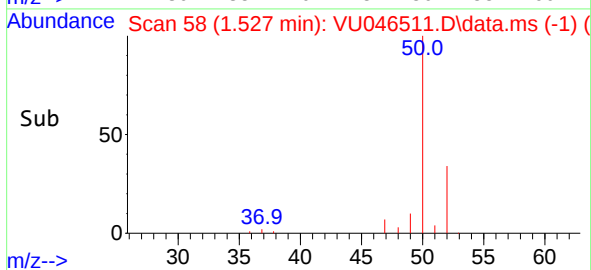
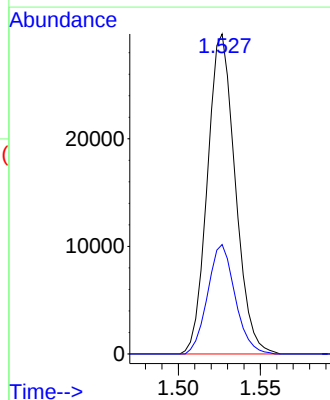
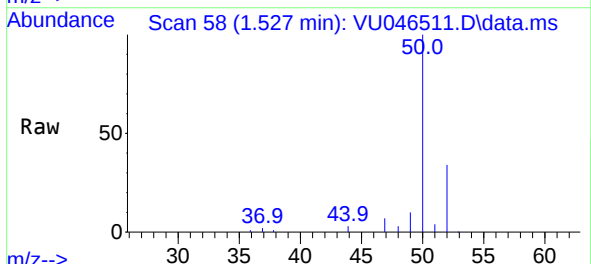
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MSVOA_U
ClientSampleId :
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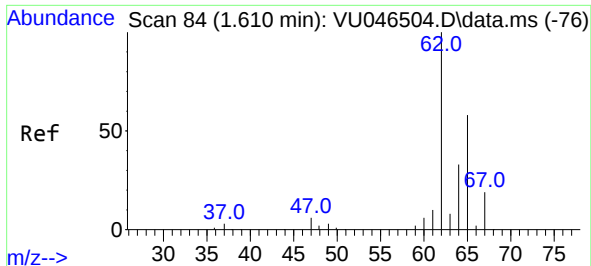
Tgt Ion: 85 Resp: 41653
Ion Ratio Lower Upper
85 100
87 32.2 25.7 38.5



#3
Chloromethane
Concen: 27.156 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 50 Resp: 35010
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.2

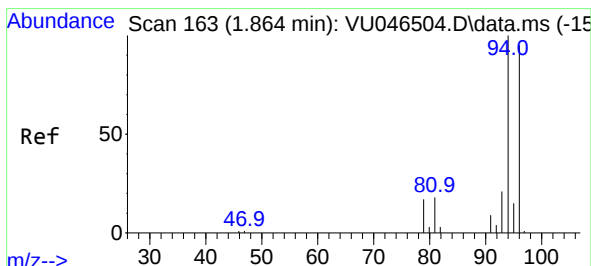
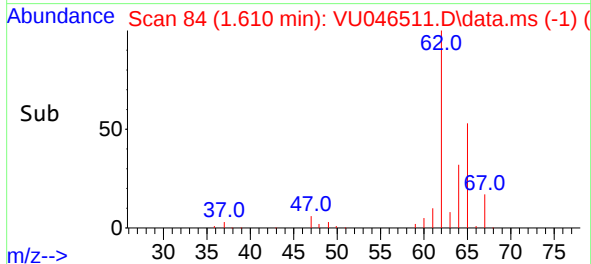
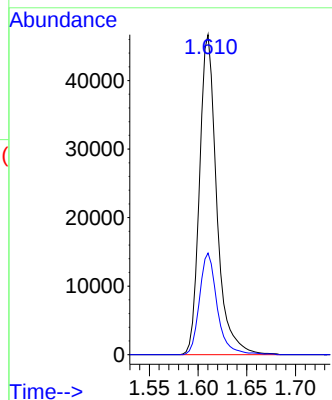
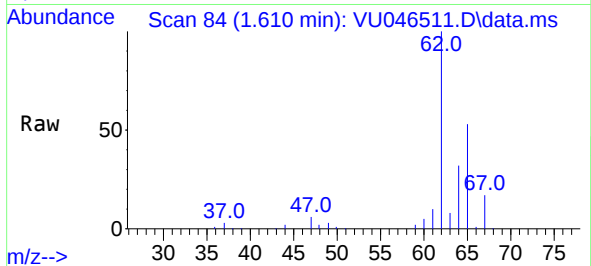




#5
 Vinyl chloride
 Concen: 44.153 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046511.D
 Acq: 20 Dec 2021 15:45

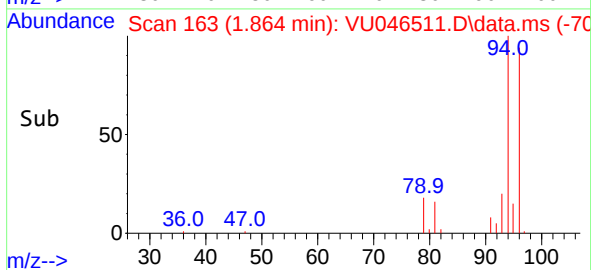
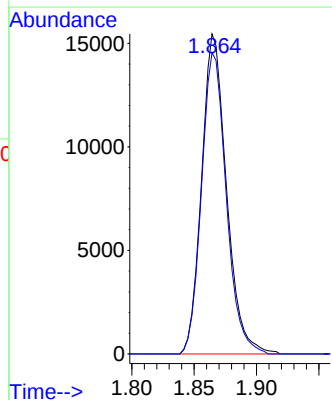
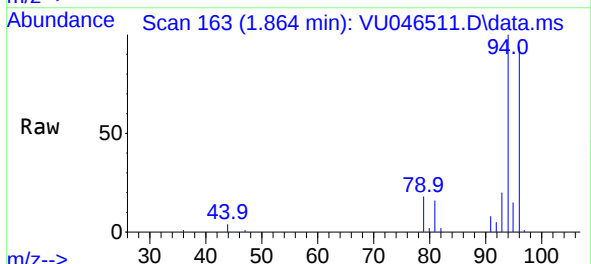
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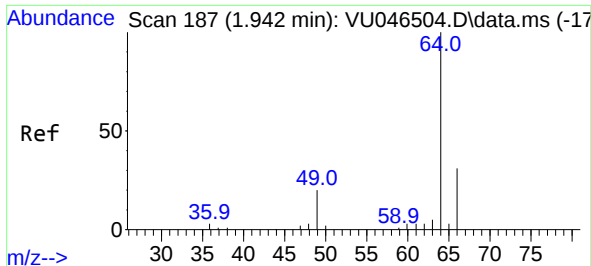
Tgt Ion: 62 Resp: 57394
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.9 42.5



#6
 Bromomethane
 Concen: 29.099 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046511.D
 Acq: 20 Dec 2021 15:45

Tgt Ion: 94 Resp: 21439
 Ion Ratio Lower Upper
 94 100
 96 94.2 67.4 125.2

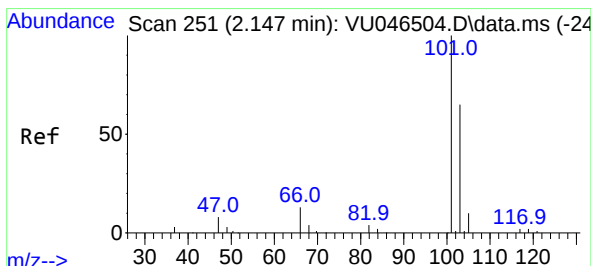
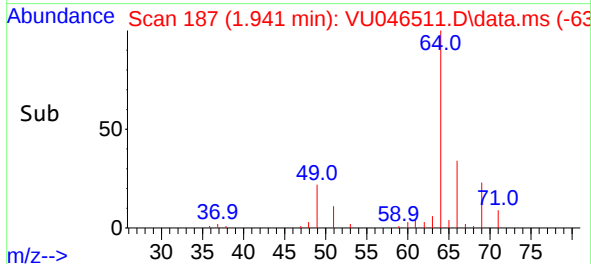
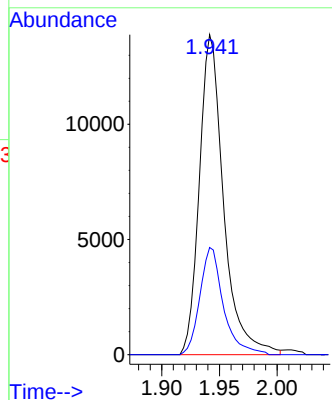
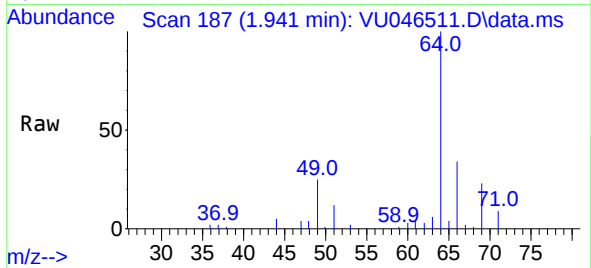




#8
Chloroethane
Concen: 26.926 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

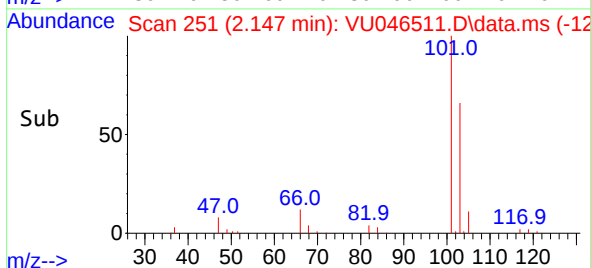
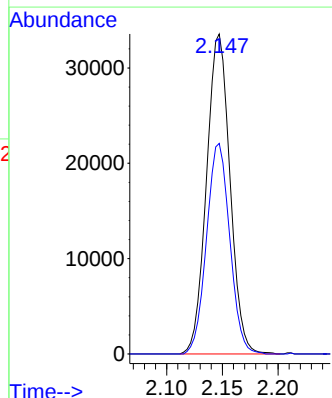
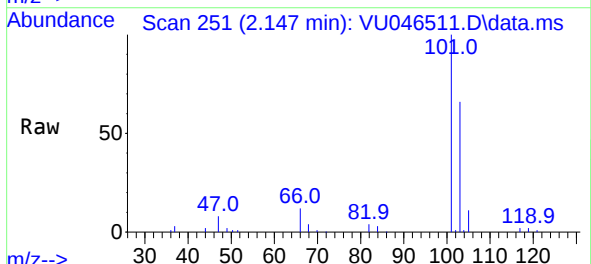
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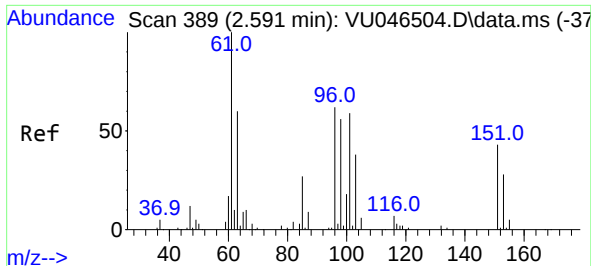
Tgt Ion: 64 Resp: 20266
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 28.986 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:101 Resp: 49192
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

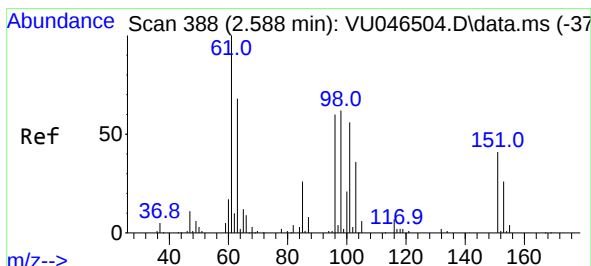
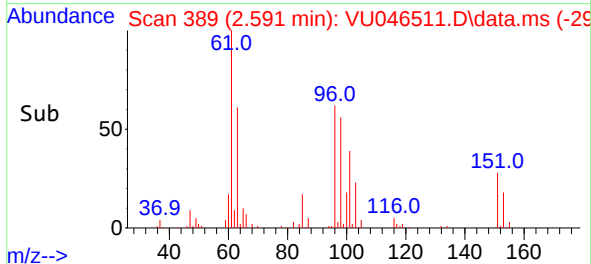
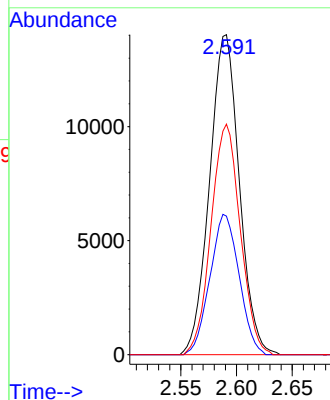
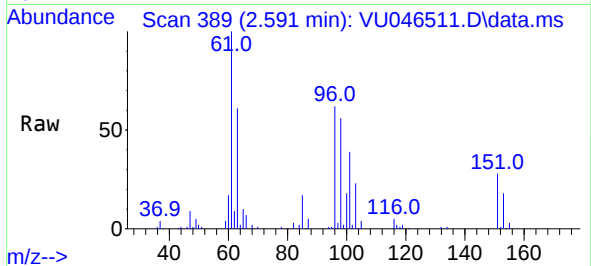




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.069 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

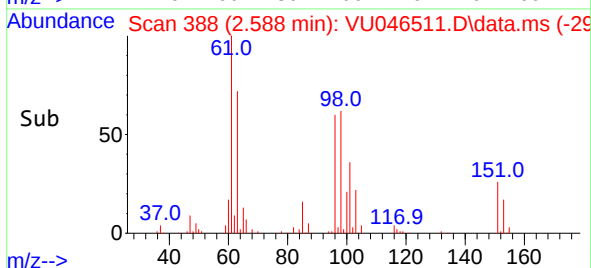
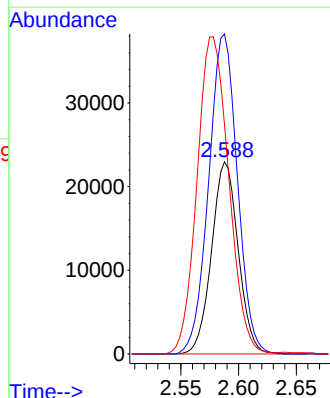
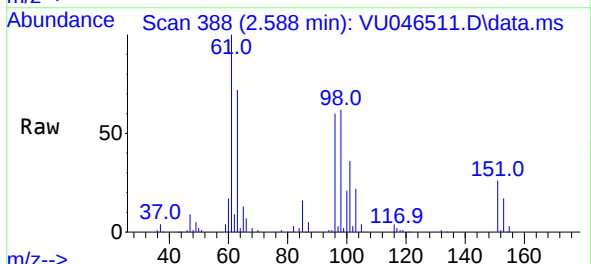
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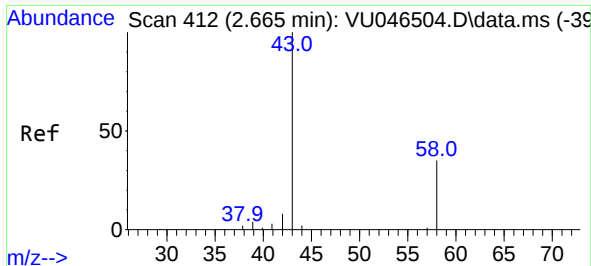
Tgt Ion:101 Resp: 26094
Ion Ratio Lower Upper
101 100
85 43.0 35.1 52.7
151 70.9 56.7 85.1



#12
1,1-Dichloroethene
Concen: 40.119 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 96 Resp: 36750
Ion Ratio Lower Upper
96 100
61 166.5 118.6 220.2
63 119.3 93.0 172.8





#13

Acetone

Concen: 32.444 ug/L

RT: 2.662 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

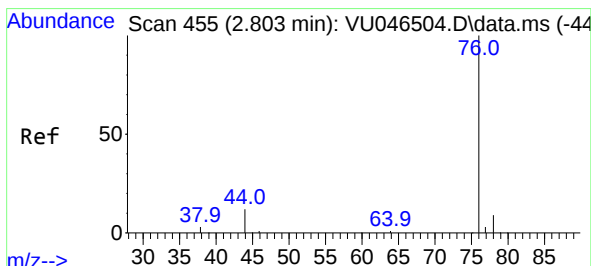
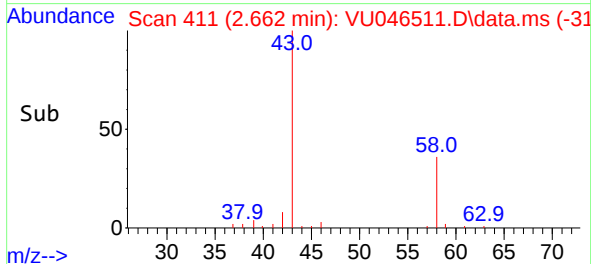
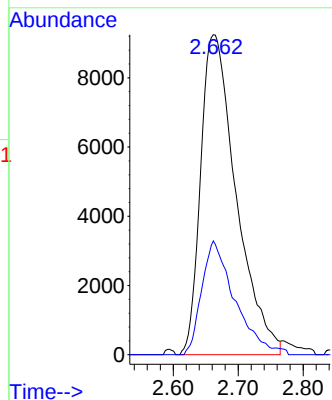
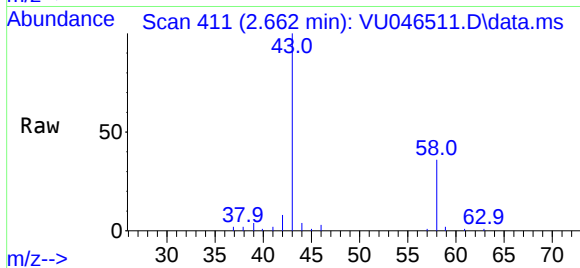
GBBY0MS

Tgt Ion: 43 Resp: 35177

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.8



#14

Carbon disulfide

Concen: 26.916 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046511.D

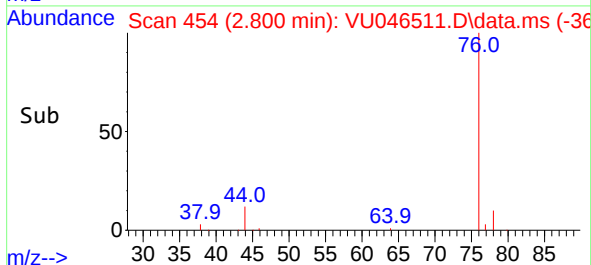
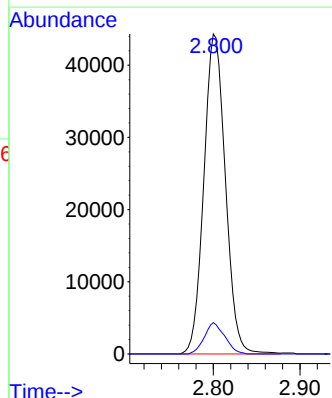
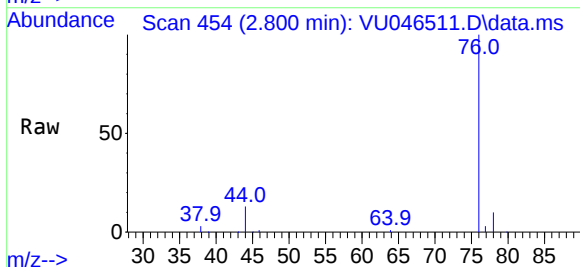
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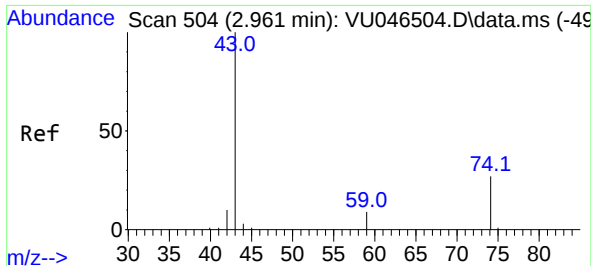
Tgt Ion: 76 Resp: 76494

Ion Ratio Lower Upper

76 100

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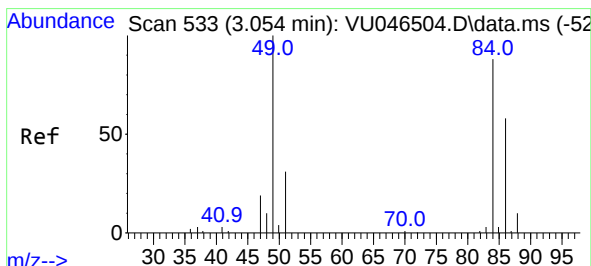
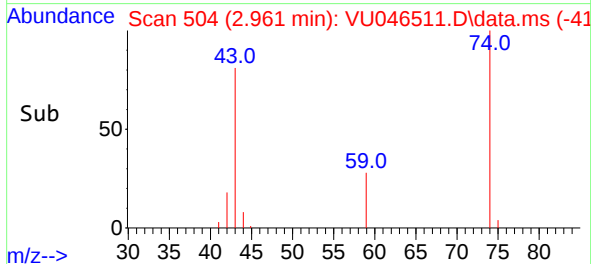
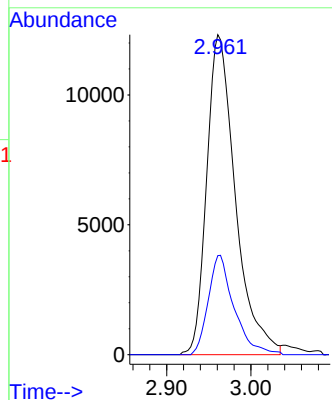
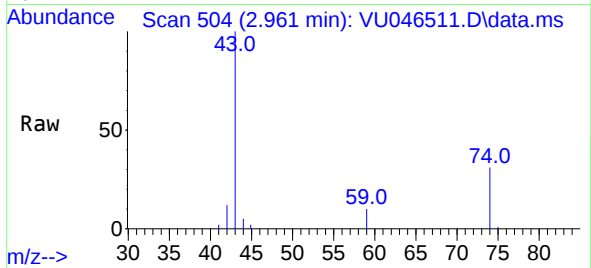




#15
Methyl Acetate
Concen: 23.056 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

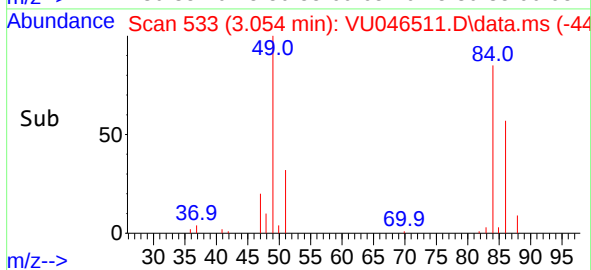
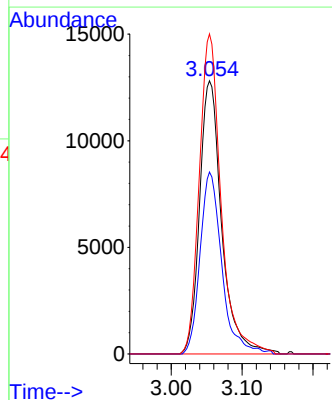
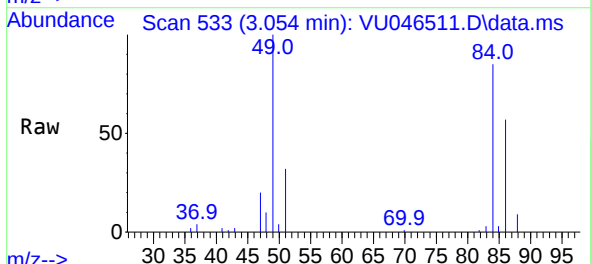
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

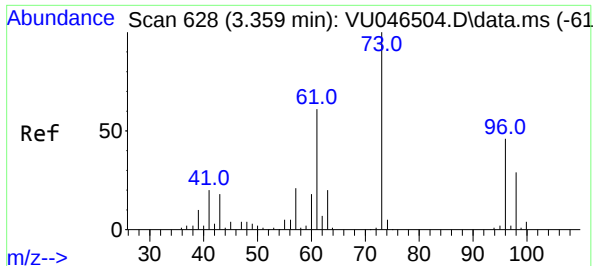
Tgt Ion: 43 Resp: 29141
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 25.526 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 84 Resp: 27820
Ion Ratio Lower Upper
84 100
86 66.6 44.7 83.1
49 117.2 78.4 145.6

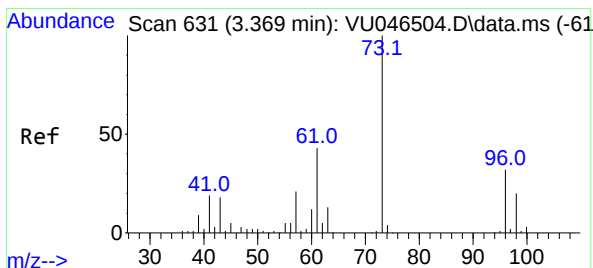
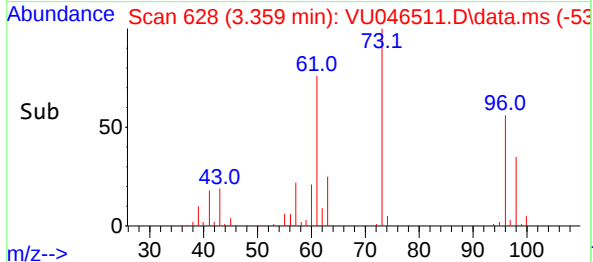
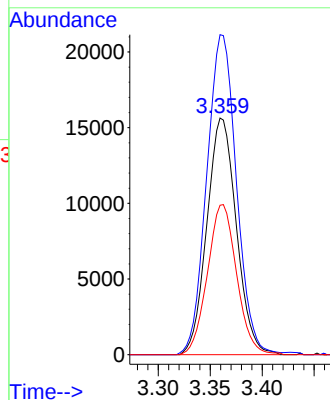
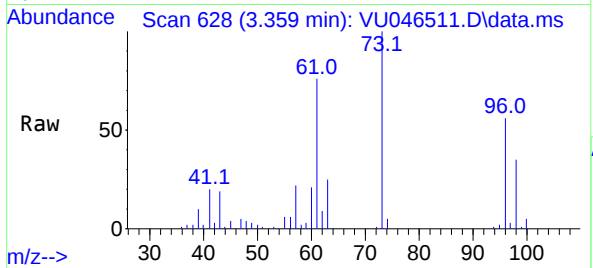




#17
trans-1,2-Dichloroethene
Concen: 31.807 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

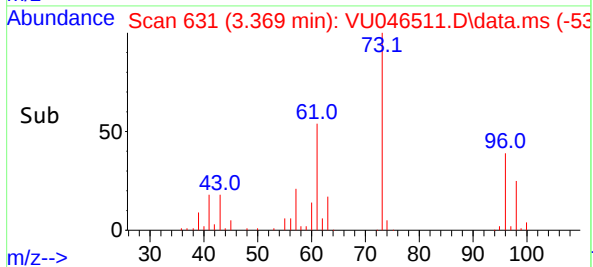
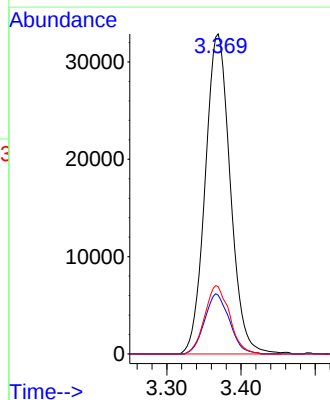
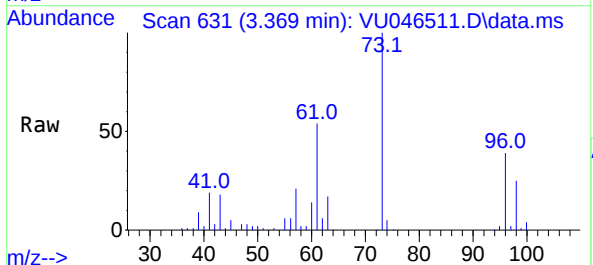
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

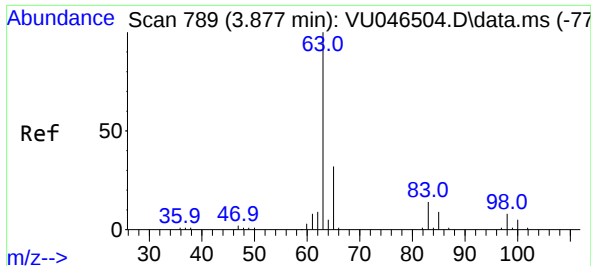
Tgt Ion: 96 Resp: 30834
Ion Ratio Lower Upper
96 100
61 135.2 94.6 175.6
98 63.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.798 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 73 Resp: 77071
Ion Ratio Lower Upper
73 100
43 18.6 14.0 21.0
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 26.750 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MS

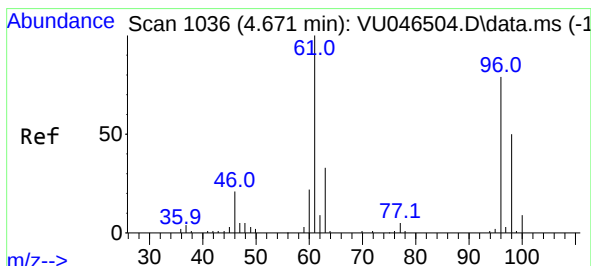
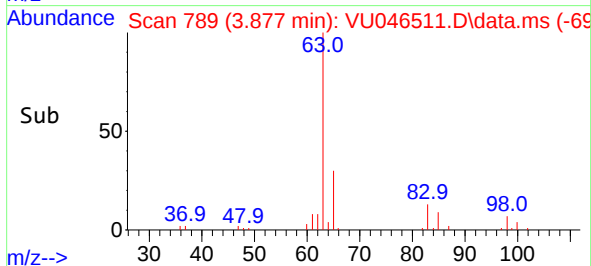
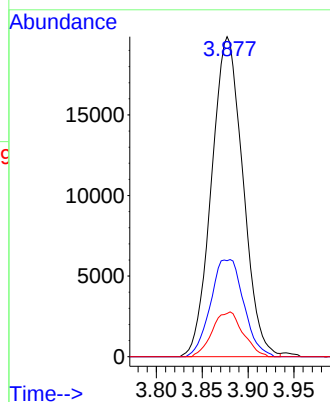
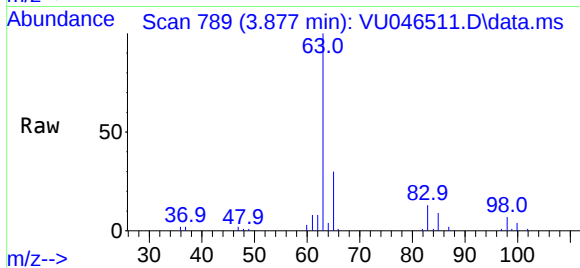
Tgt Ion: 63 Resp: 47149

Ion Ratio Lower Upper

63 100

65 30.0 22.8 42.4

83 13.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 384.535 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

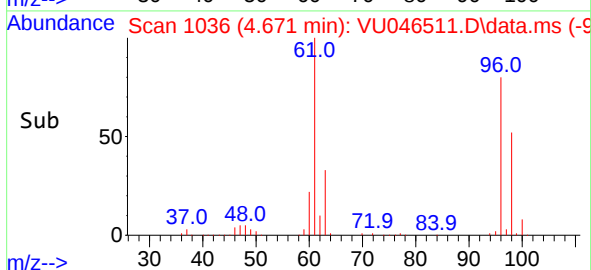
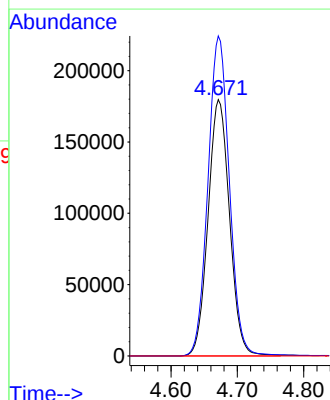
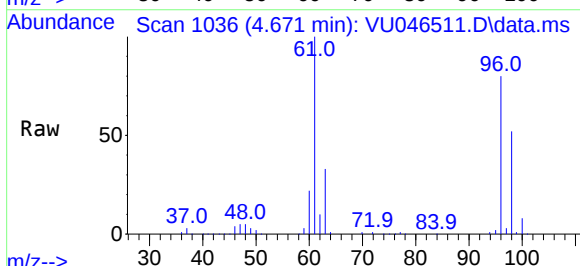
Tgt Ion: 96 Resp: 404473

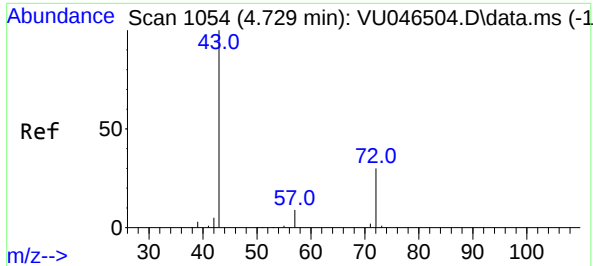
Ion Ratio Lower Upper

96 100

61 124.8 86.8 161.2

68 0.0 0.0 0.0

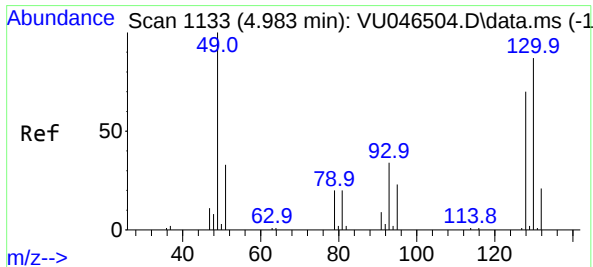
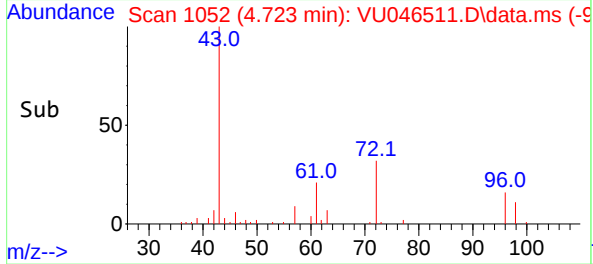
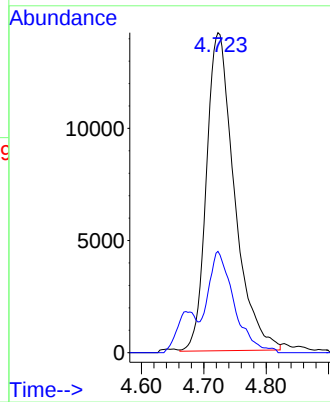
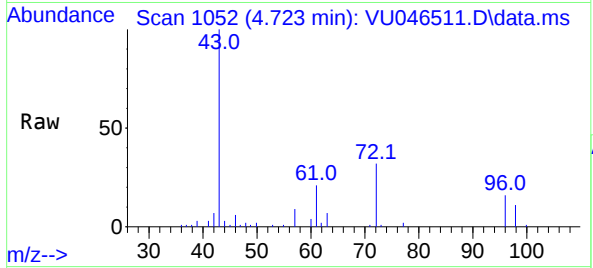




#22
2-Butanone
Concen: 37.462 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

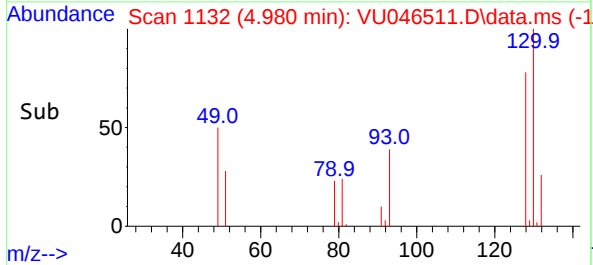
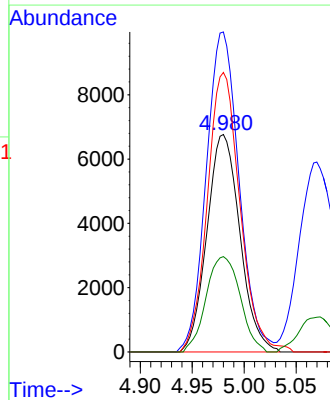
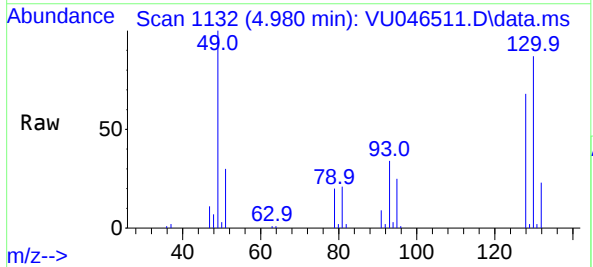
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

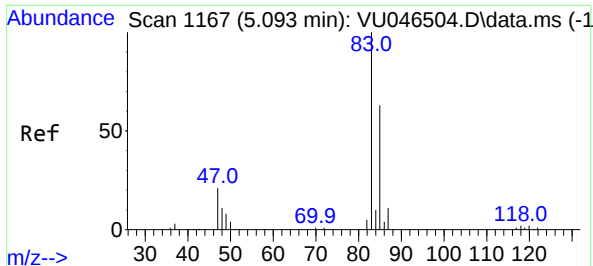
Tgt Ion: 43 Resp: 44216
Ion Ratio Lower Upper
43 100
72 26.5 14.5 43.6



#23
Bromochloromethane
Concen: 28.100 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:128 Resp: 14928
Ion Ratio Lower Upper
128 100
49 147.2 115.9 215.3
130 128.6 91.8 170.4
51 43.9 40.3 60.5





#25

Chloroform

Concen: 26.218 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

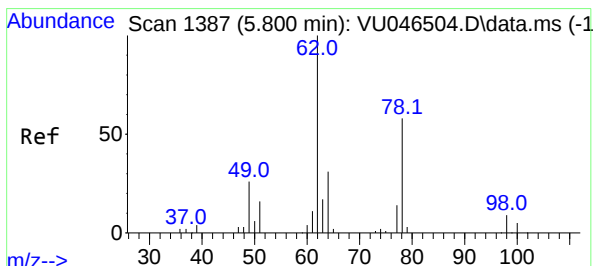
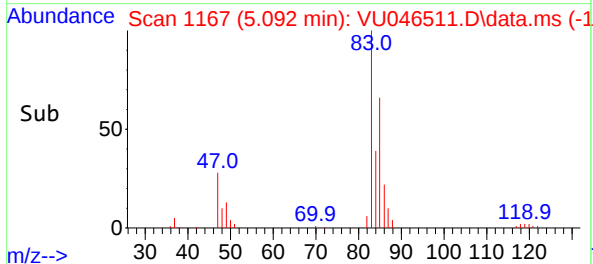
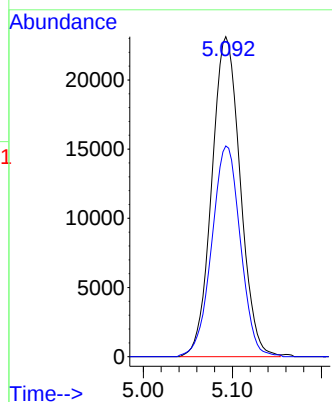
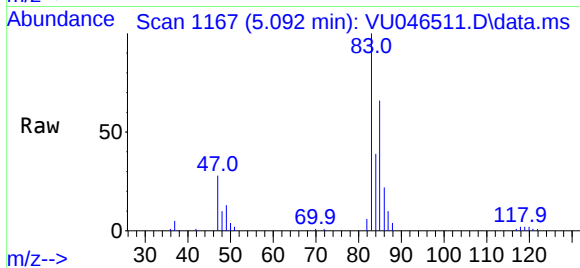
GBBY0MS

Tgt Ion: 83 Resp: 51344

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 27.717 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046511.D

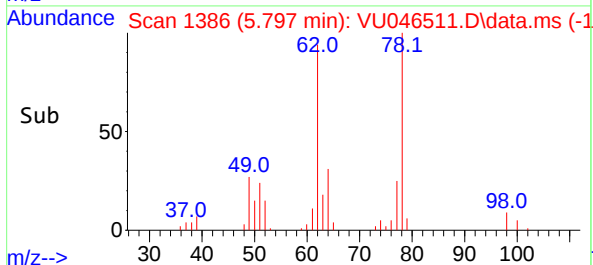
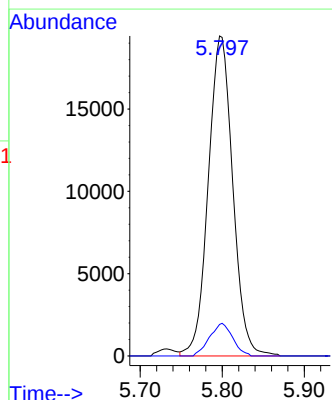
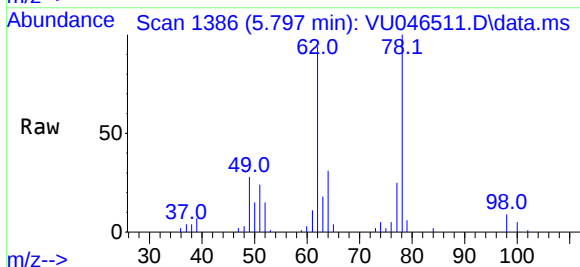
Acq: 20 Dec 2021 15:45

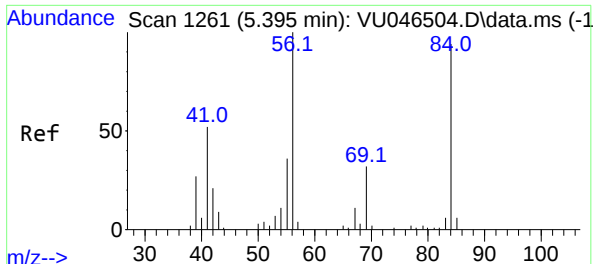
Tgt Ion: 62 Resp: 40279

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9





#29

Cyclohexane

Concen: 25.553 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MS

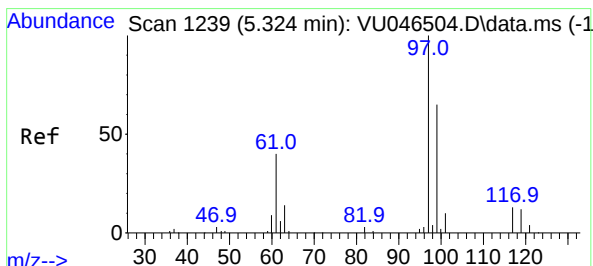
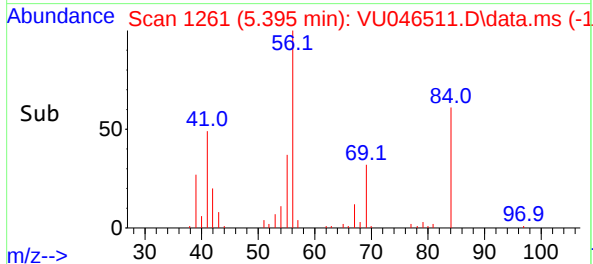
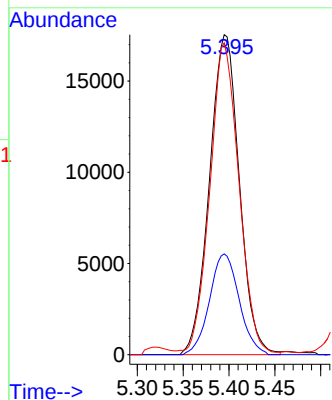
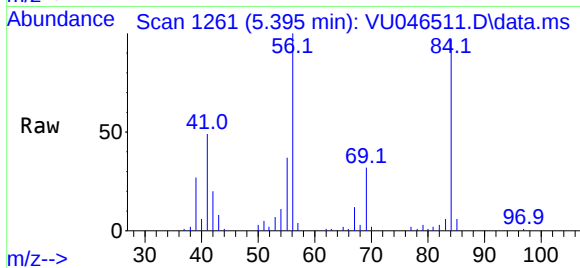
Tgt Ion: 56 Resp: 39694

Ion Ratio Lower Upper

56 100

69 31.3 25.2 37.8

84 94.9 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 27.413 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

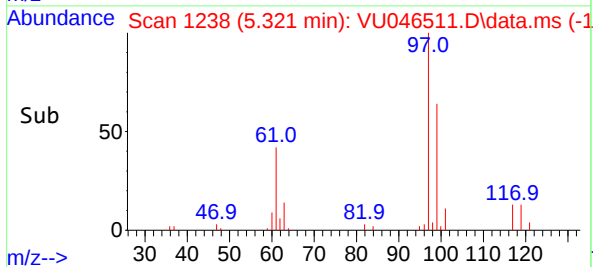
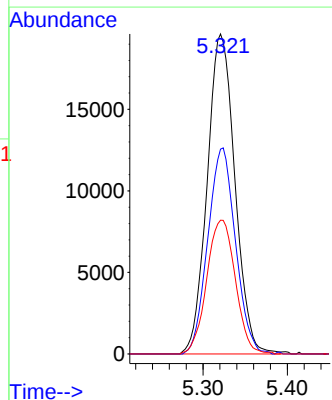
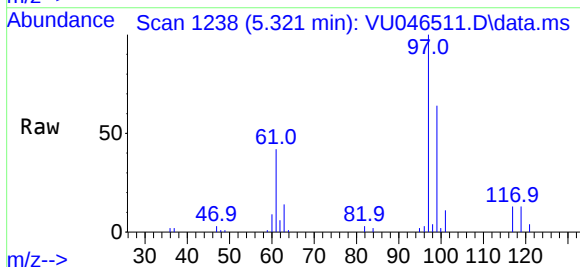
Tgt Ion: 97 Resp: 44890

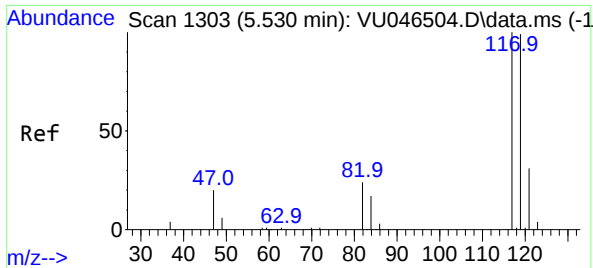
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 43.1 34.4 51.6

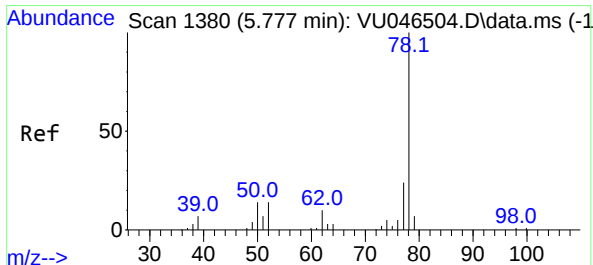
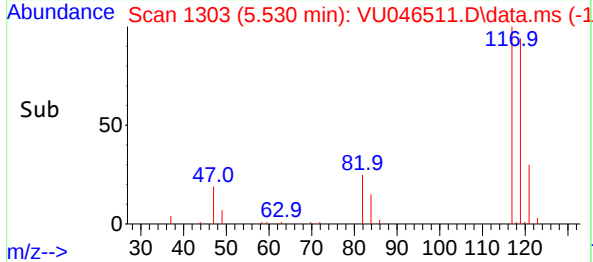
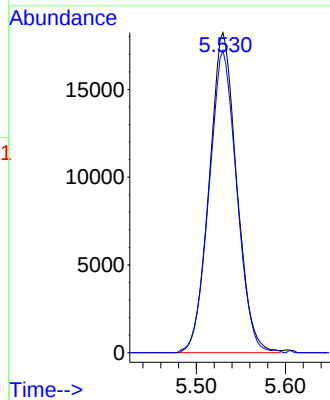
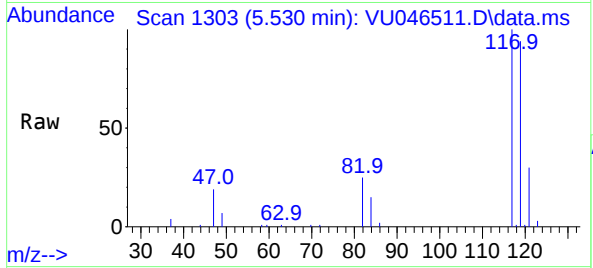




#31
Carbon tetrachloride
Concen: 28.080 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

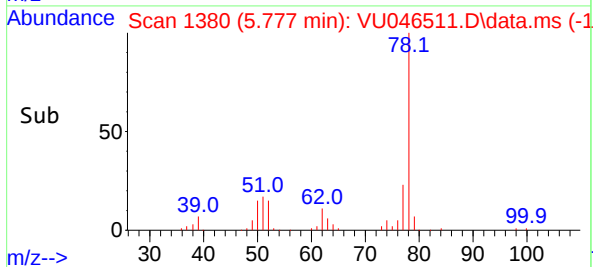
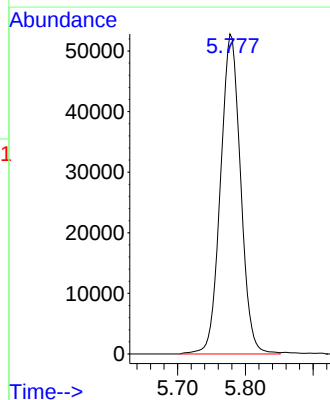
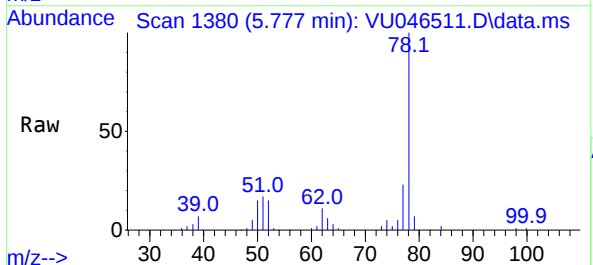
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

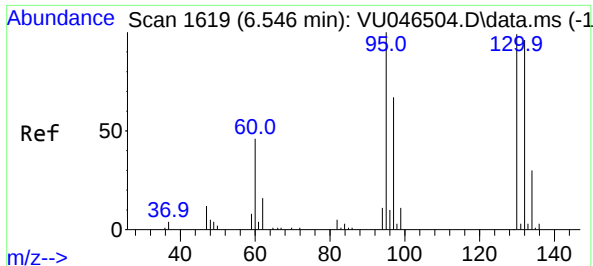
Tgt Ion:117 Resp: 39037
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 26.966 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 78 Resp: 108879

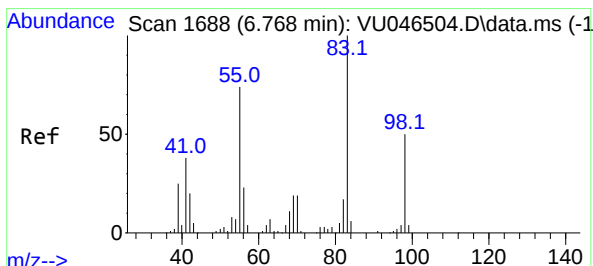
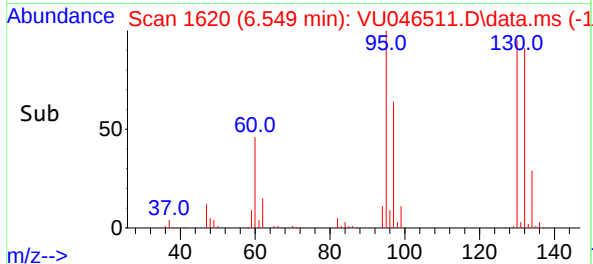
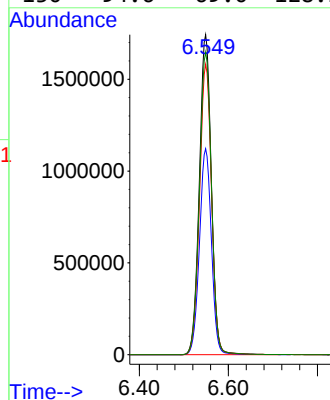
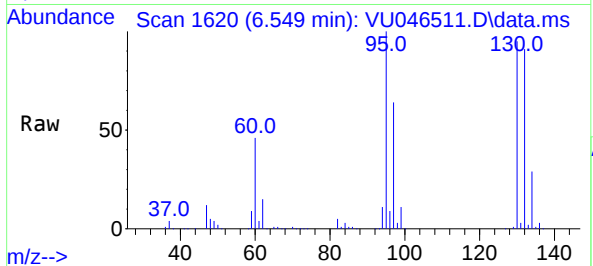




#34
Trichloroethene
Concen: 3076.287 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

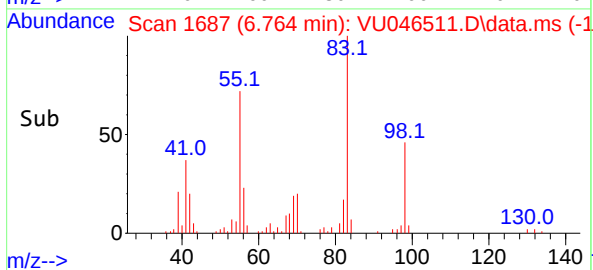
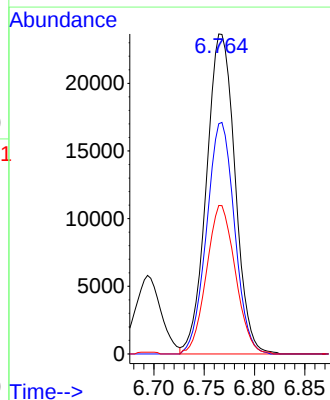
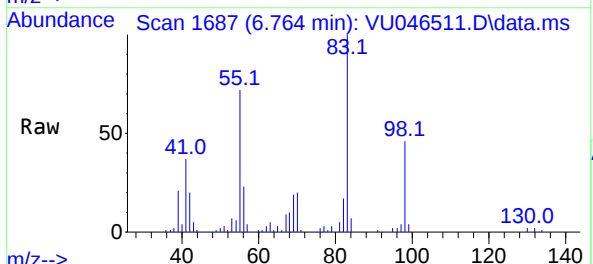
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

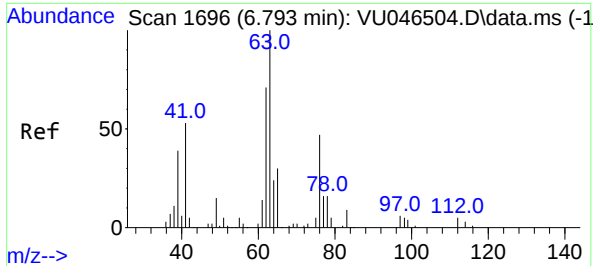
Tgt Ion: 95 Resp: 3272169
Ion Ratio Lower Upper
95 100
97 64.4 44.1 81.9
132 90.7 66.8 124.0
130 94.6 69.0 128.1



#35
Methylcyclohexane
Concen: 28.358 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 83 Resp: 46770
Ion Ratio Lower Upper
83 100
55 70.7 57.8 86.6
98 47.0 38.4 57.6

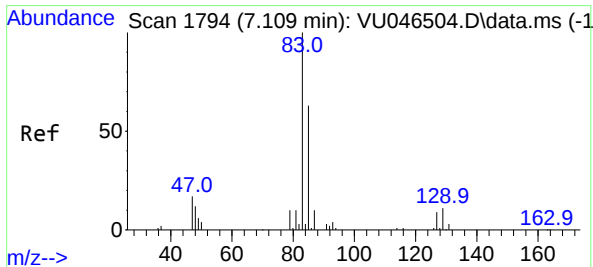
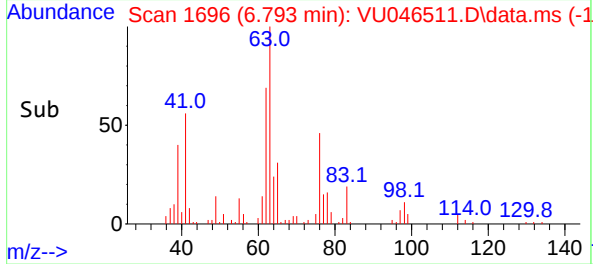
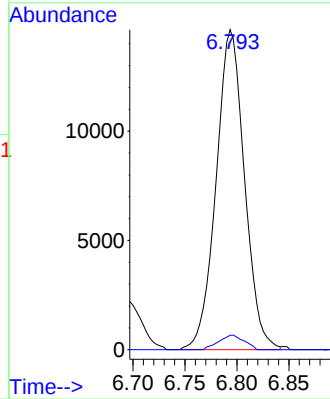
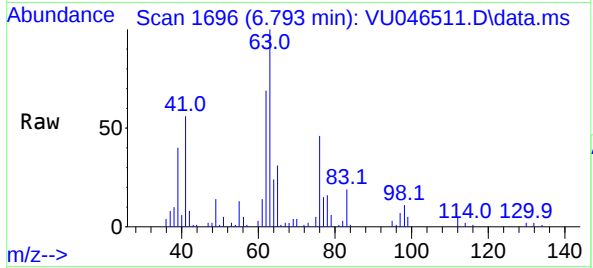




#37
1,2-Dichloropropane
Concen: 26.333 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

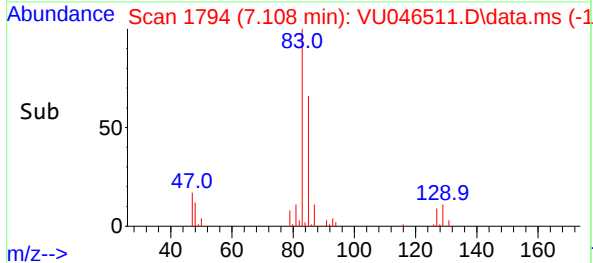
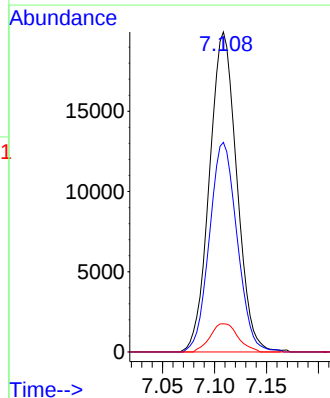
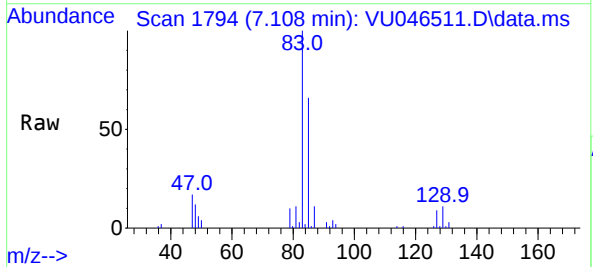
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

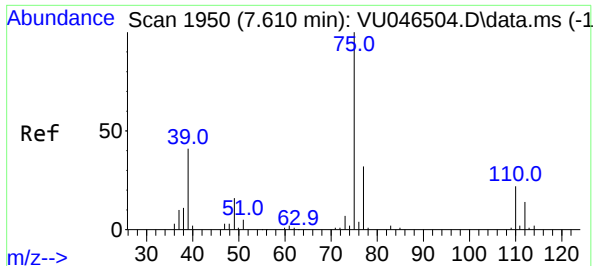
Tgt Ion: 63 Resp: 27852
Ion Ratio Lower Upper
63 100
112 4.1 3.8 5.6



#38
Bromodichloromethane
Concen: 25.961 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 83 Resp: 36496
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.5
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 26.488 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

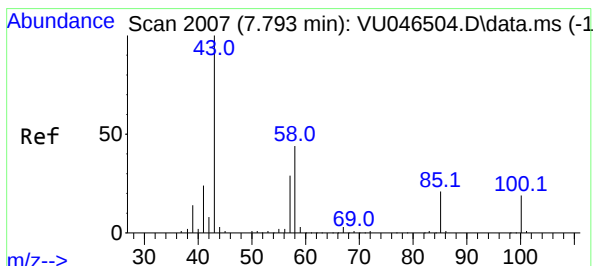
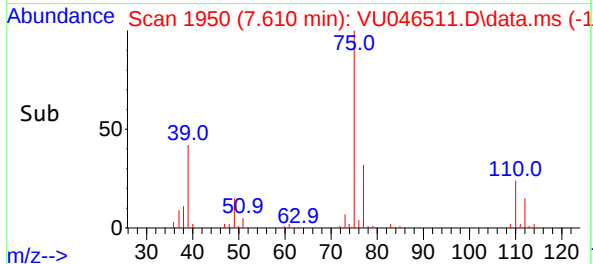
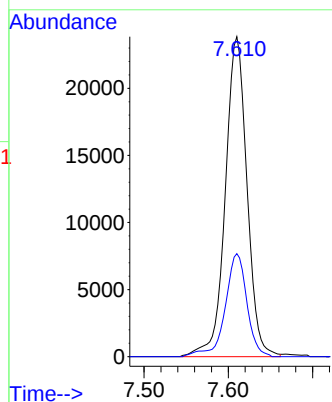
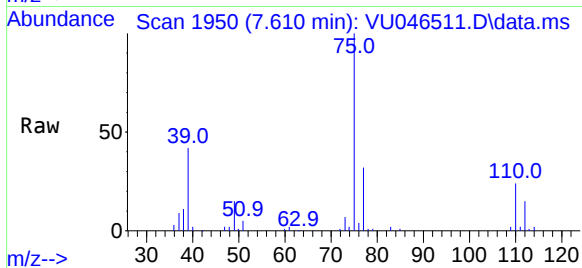
GBBY0MS

Tgt Ion: 75 Resp: 42620

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.382 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

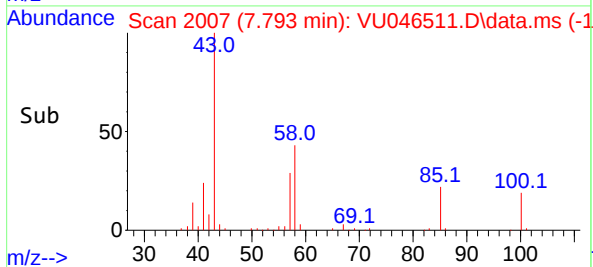
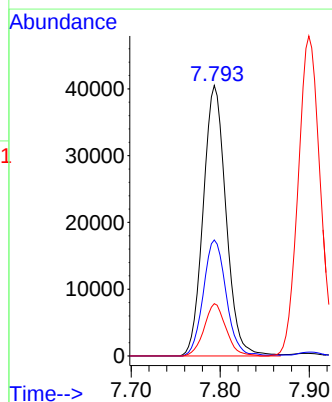
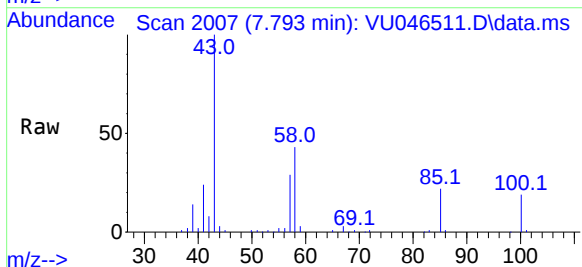
Tgt Ion: 43 Resp: 72077

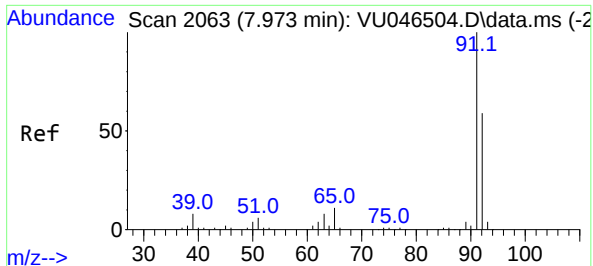
Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.4

100 18.5 14.5 21.7

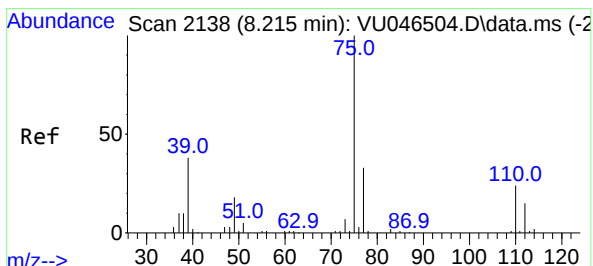
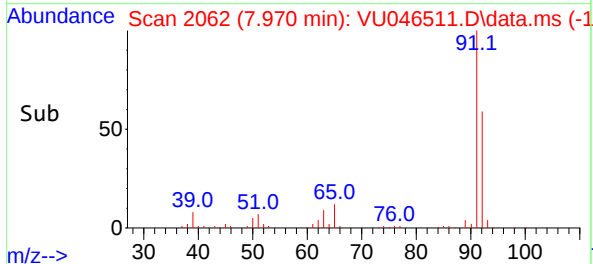
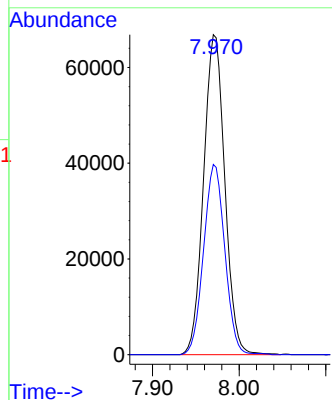
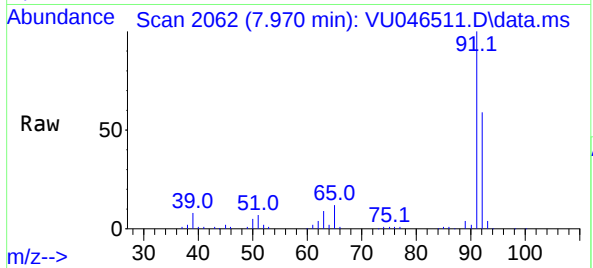




#42
Toluene
Concen: 26.261 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

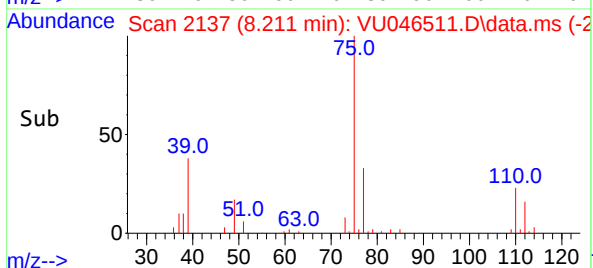
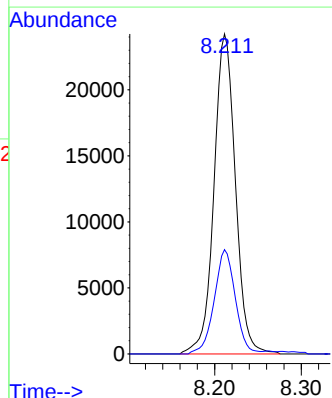
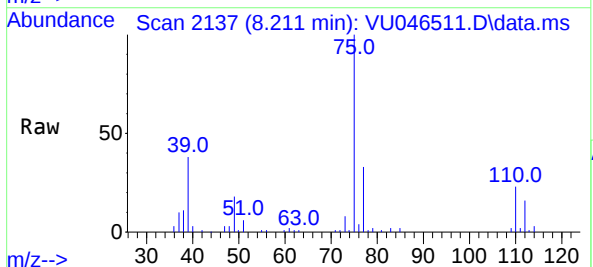
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

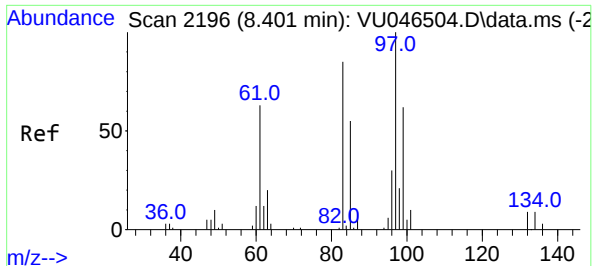
Tgt Ion: 91 Resp: 113774
Ion Ratio Lower Upper
91 100
92 59.5 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 26.363 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 75 Resp: 41663
Ion Ratio Lower Upper
75 100
77 32.6 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 25.822 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MS

Tgt Ion: 97 Resp: 27400

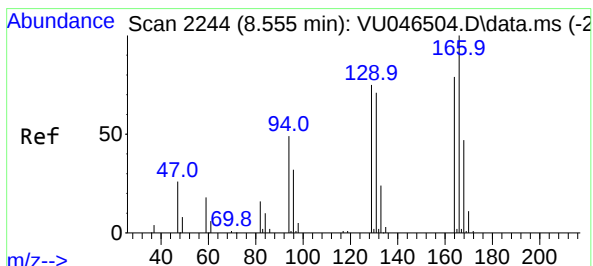
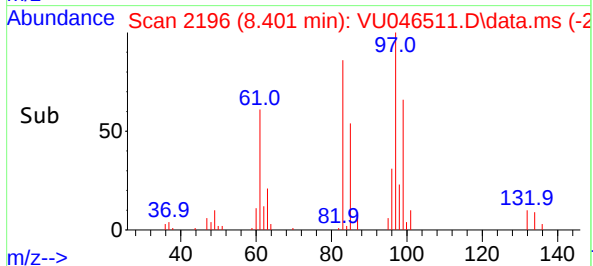
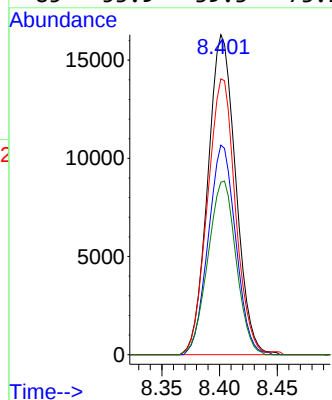
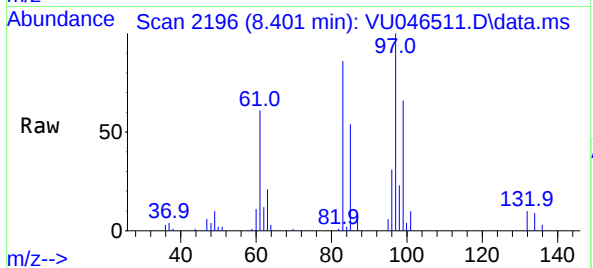
Ion Ratio Lower Upper

97 100

99 65.5 44.7 82.9

83 86.2 60.2 111.8

85 53.9 39.3 73.1



#46

Tetrachloroethene

Concen: 29.500 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Tgt Ion:164 Resp: 23059

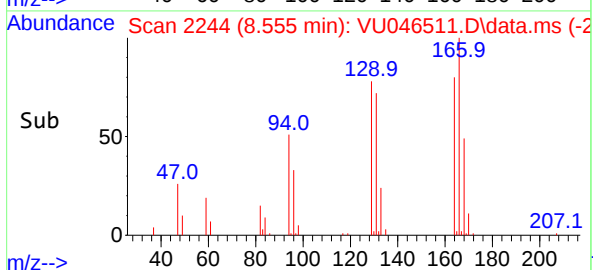
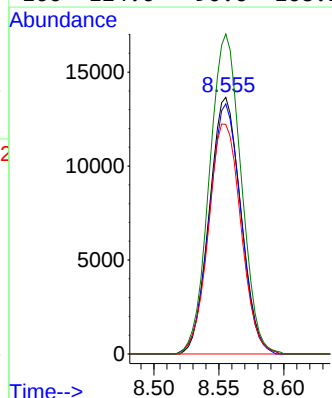
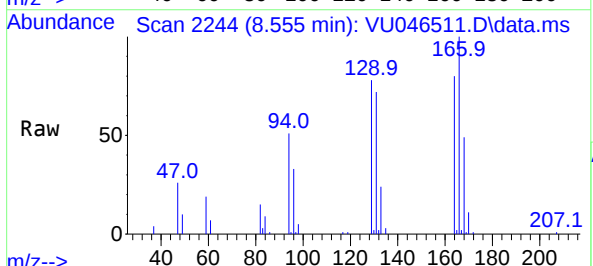
Ion Ratio Lower Upper

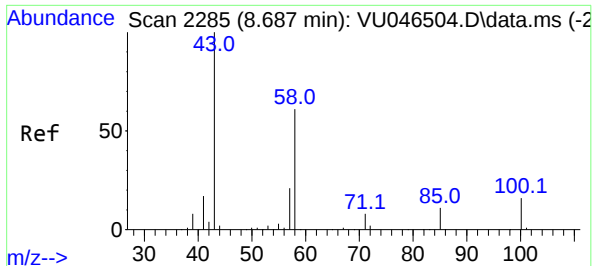
164 100

129 97.4 71.1 132.1

131 89.4 67.8 126.0

166 124.6 90.6 168.2



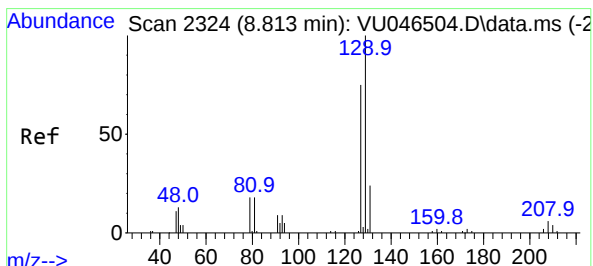
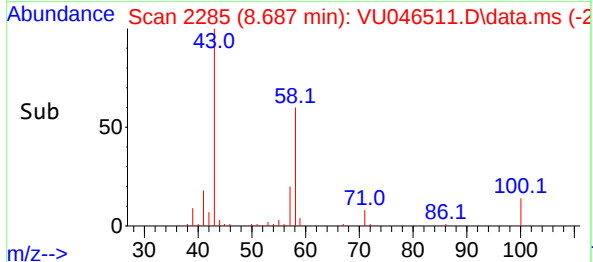
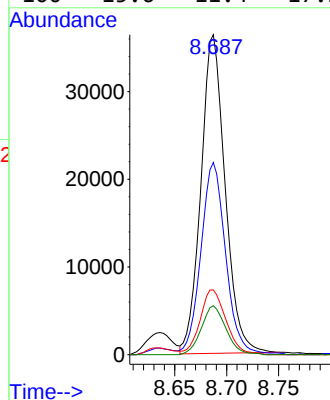
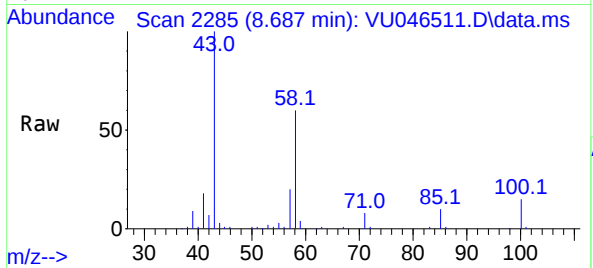


#48
2-Hexanone
Concen: 42.417 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

Tgt Ion: 43 Resp: 58950

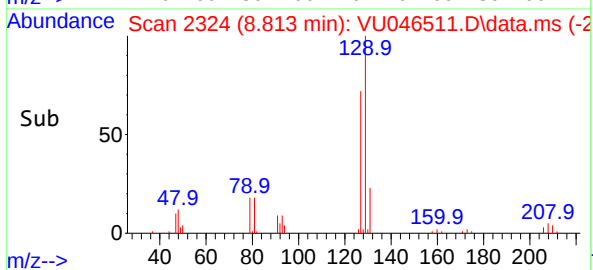
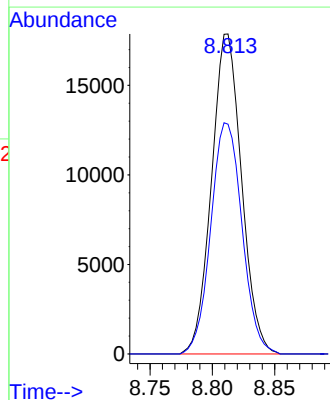
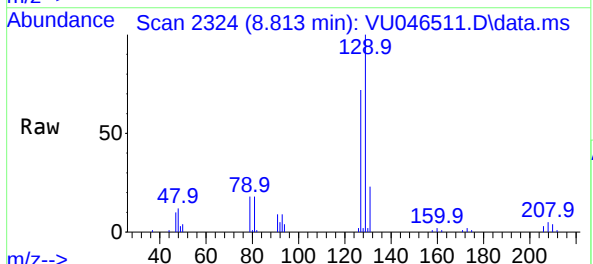
Ion	Ratio	Lower	Upper
43	100		
58	60.5	47.4	71.2
57	21.8	16.6	25.0
100	15.6	11.4	17.2

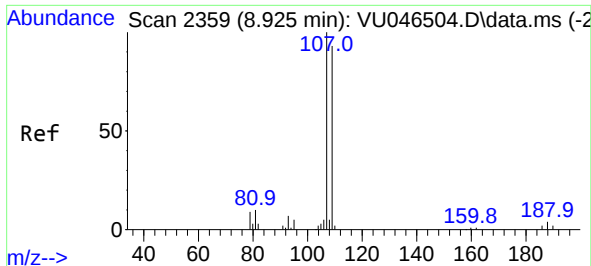


#49
Dibromochloromethane
Concen: 26.937 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 129 Resp: 30016

Ion	Ratio	Lower	Upper
129	100		
127	71.8	55.6	103.4

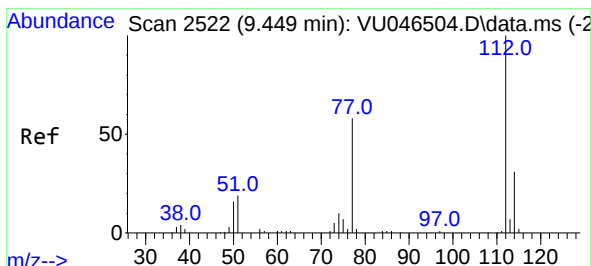
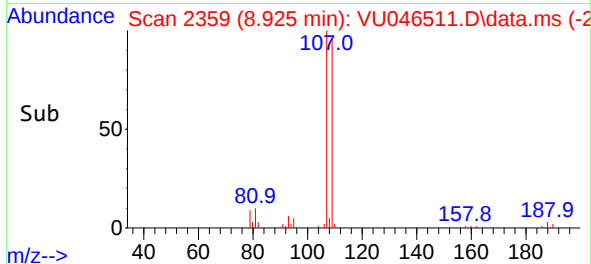
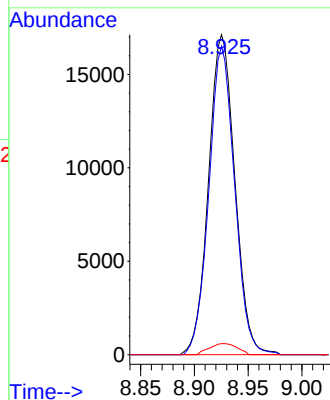
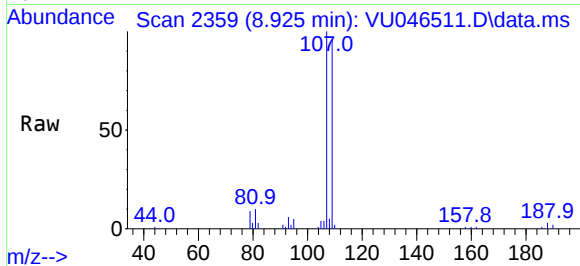




#50
1,2-Dibromoethane
Concen: 25.365 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

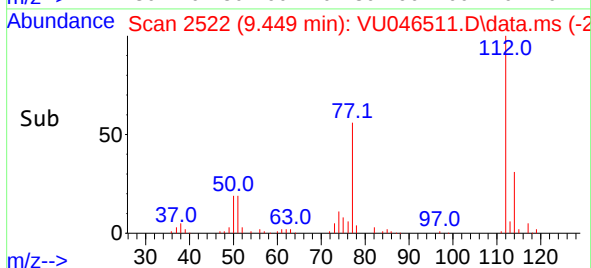
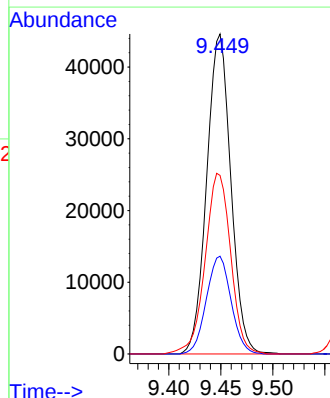
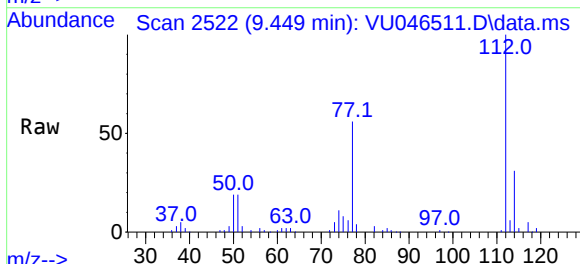
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

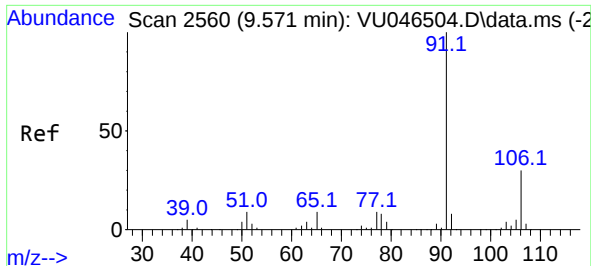
Tgt Ion:	107	Resp:	29181
Ion	Ratio	Lower	Upper
107	100		
109	96.4	64.9	120.5
188	3.5	2.6	3.8



#51
Chlorobenzene
Concen: 25.732 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:	112	Resp:	72125
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.2	41.2
77	55.8	47.4	71.0

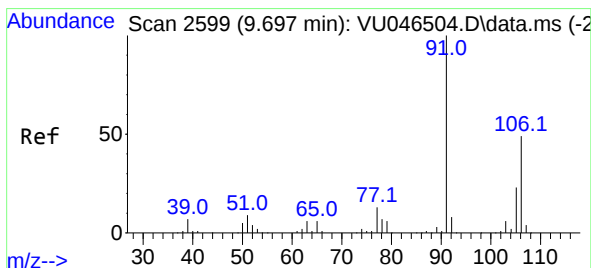
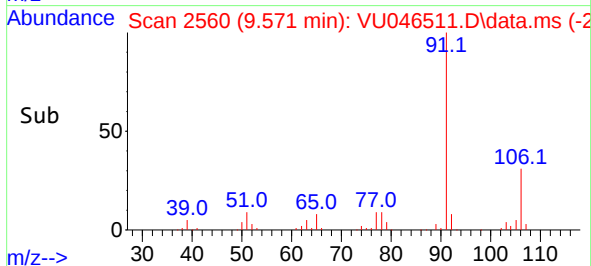
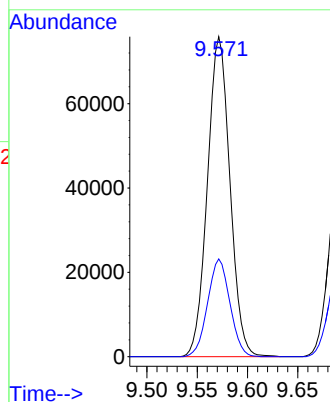
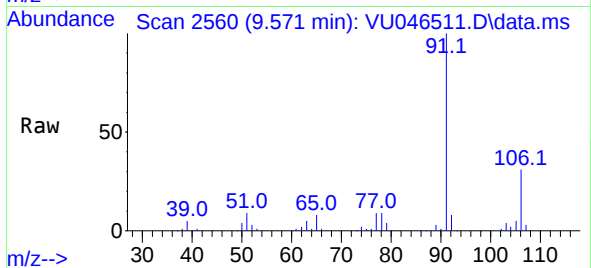




#52
Ethylbenzene
Concen: 25.366 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

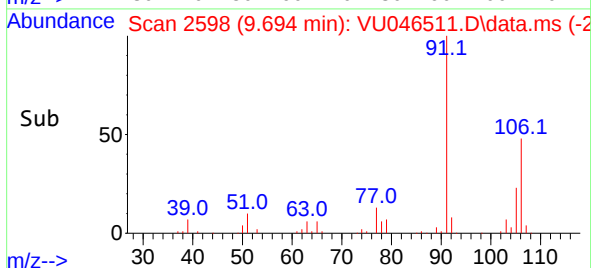
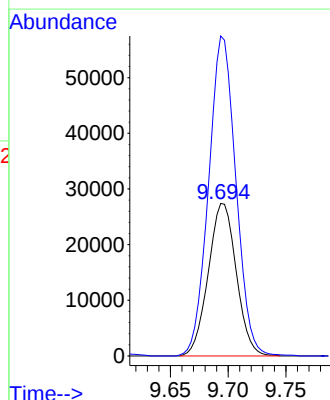
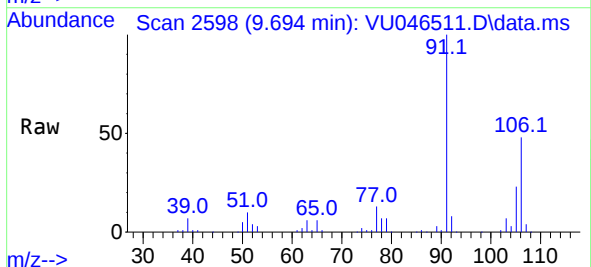
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

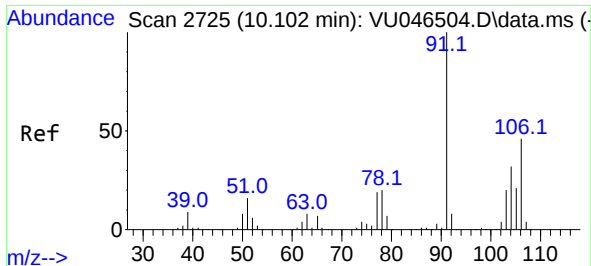
Tgt Ion: 91 Resp: 118272
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 25.448 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:106 Resp: 46274
Ion Ratio Lower Upper
106 100
91 209.9 144.3 268.1

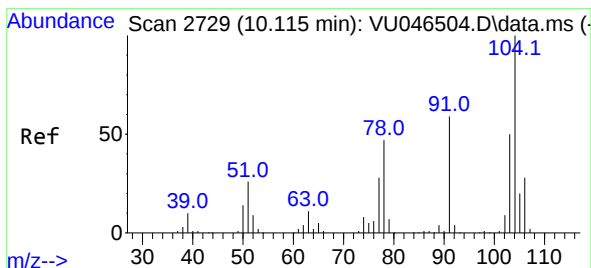
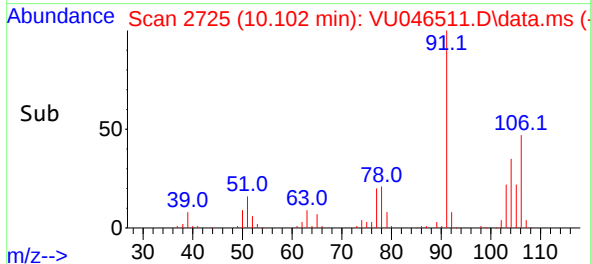
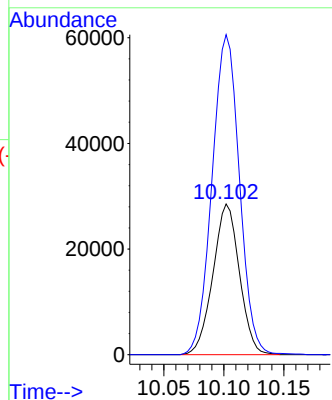
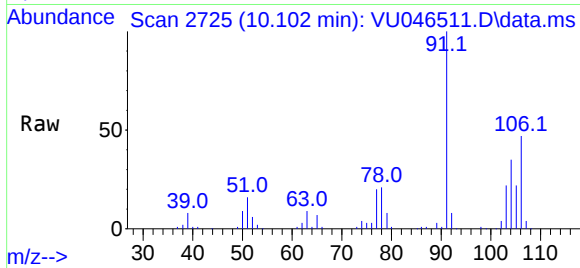




#54
o-xylene
Concen: 24.805 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

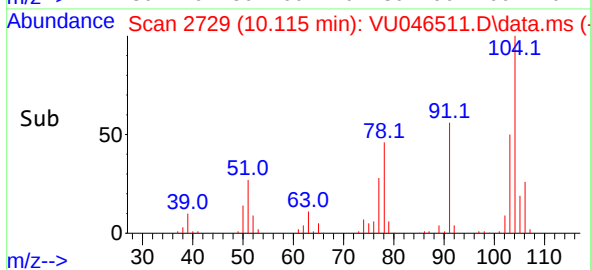
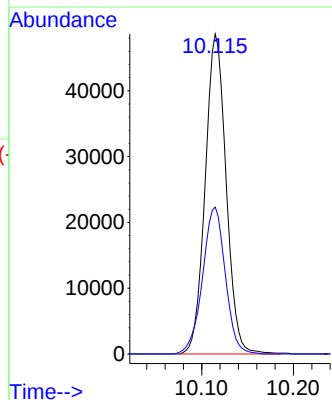
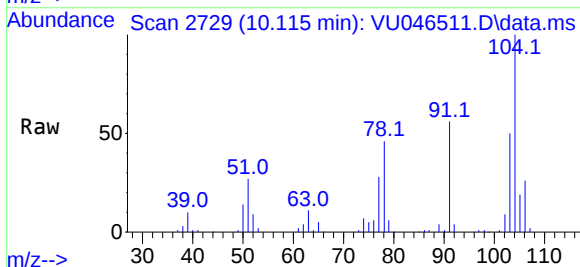
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

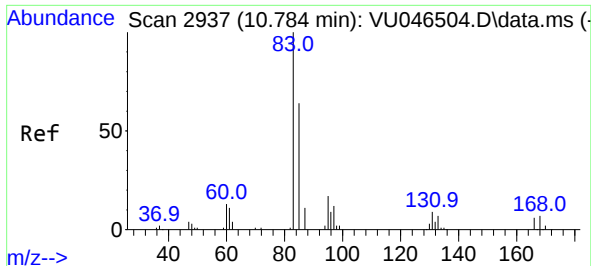
Tgt Ion:106 Resp: 43766
Ion Ratio Lower Upper
106 100
91 212.4 154.2 286.4



#55
Styrene
Concen: 25.598 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:104 Resp: 77110
Ion Ratio Lower Upper
104 100
78 45.9 32.6 60.5

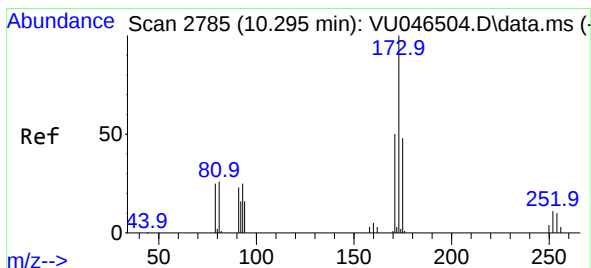
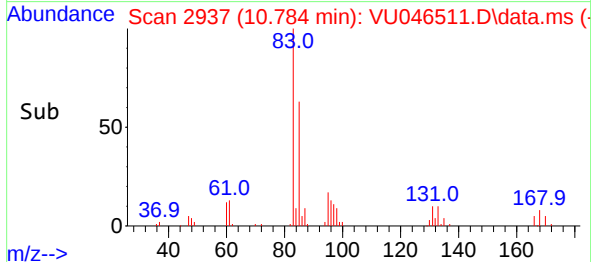
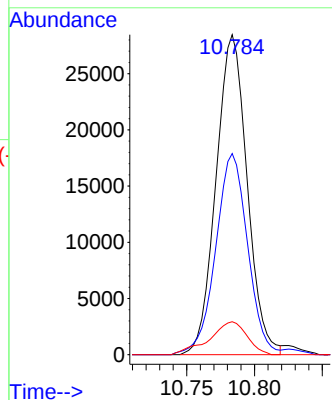
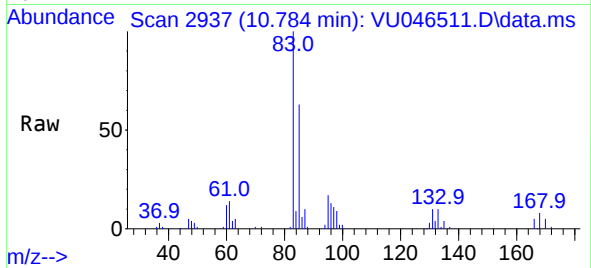




#57
1,1,2,2-Tetrachloroethane
Concen: 25.001 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

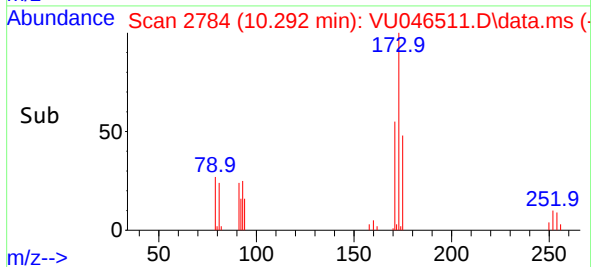
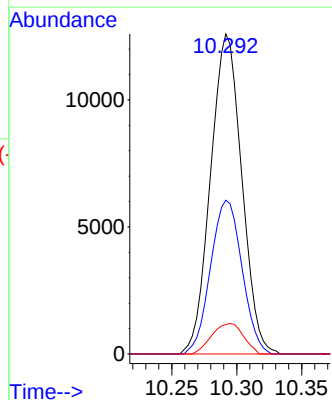
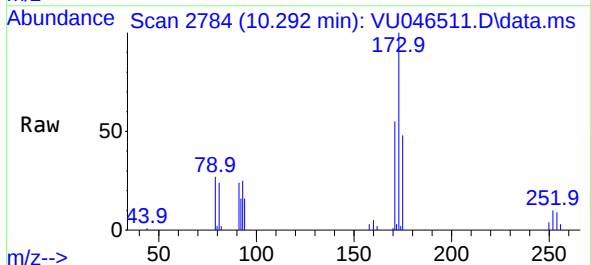
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

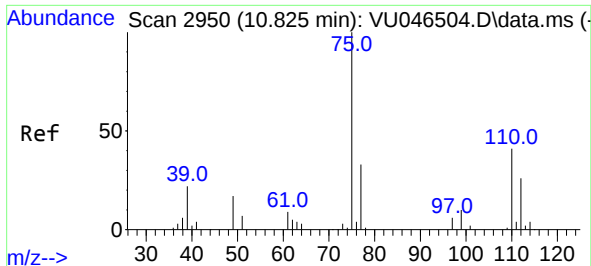
Tgt Ion: 83 Resp: 45483
Ion Ratio Lower Upper
83 100
85 62.9 45.6 84.6
131 10.3 7.8 11.6



#59
Bromoform
Concen: 24.359 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:173 Resp: 21016
Ion Ratio Lower Upper
173 100
175 48.4 39.2 58.8
254 9.7 7.4 11.2

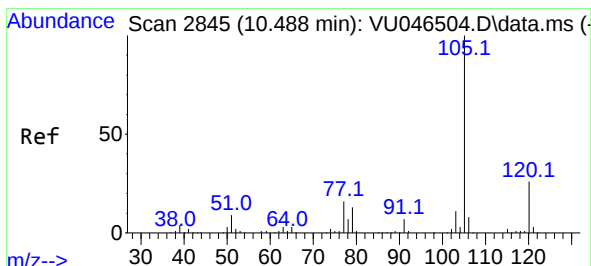
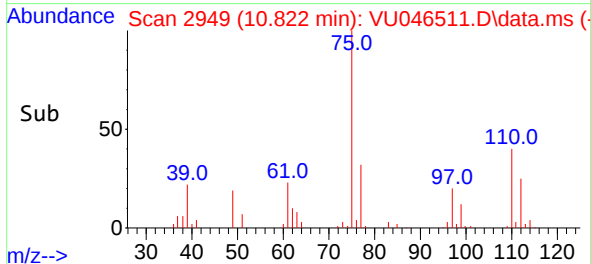
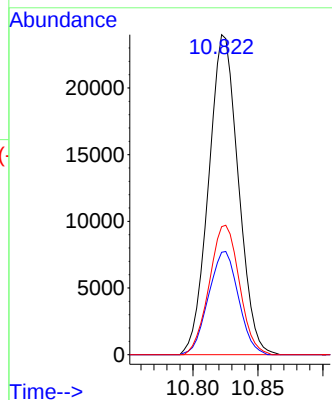
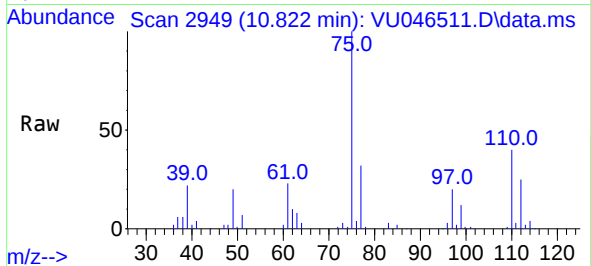




#60
1,2,3-Trichloropropane
Concen: 23.656 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

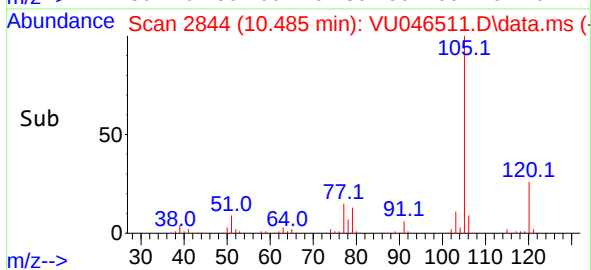
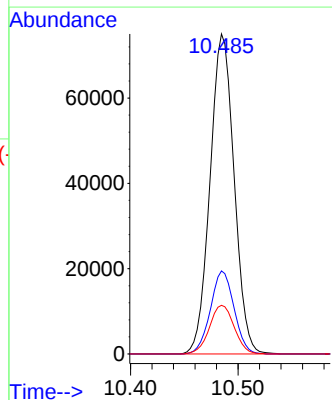
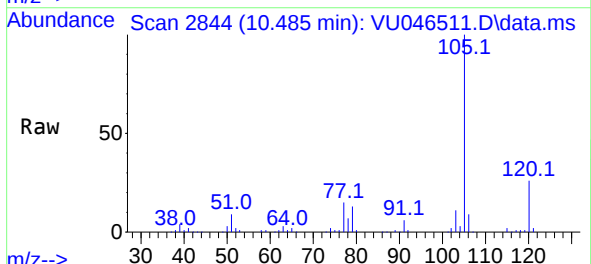
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

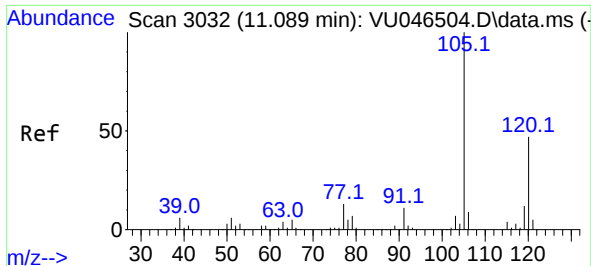
Tgt Ion: 75 Resp: 38138
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 41.0 32.4 48.6



#61
Isopropylbenzene
Concen: 24.365 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion: 105 Resp: 116591
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.7 12.2 18.4

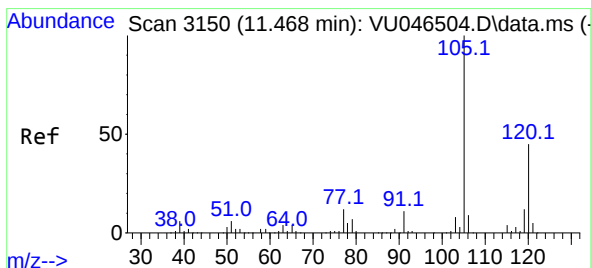
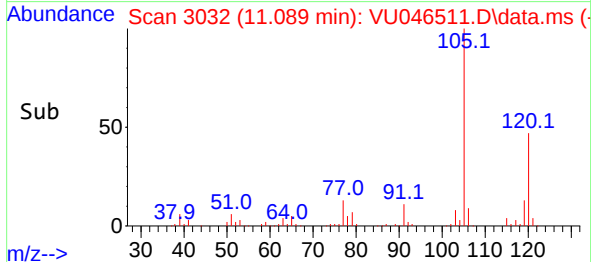
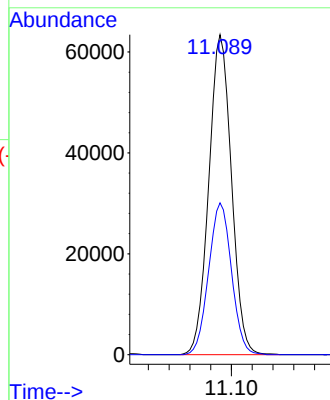
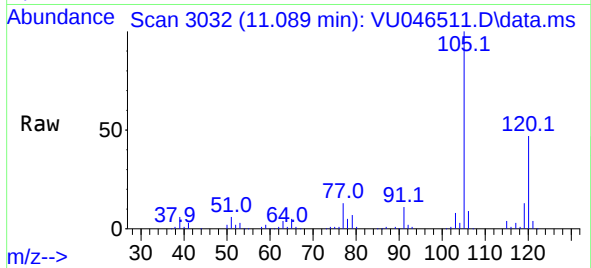




#62
1,3,5-Trimethylbenzene
Concen: 24.064 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

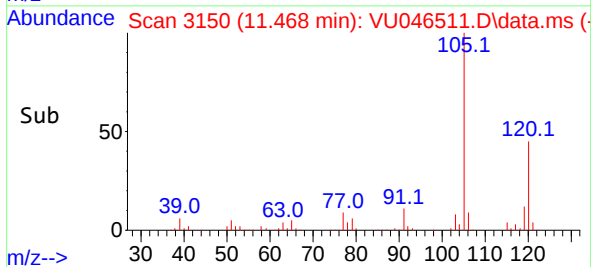
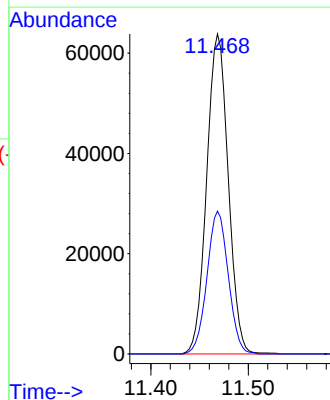
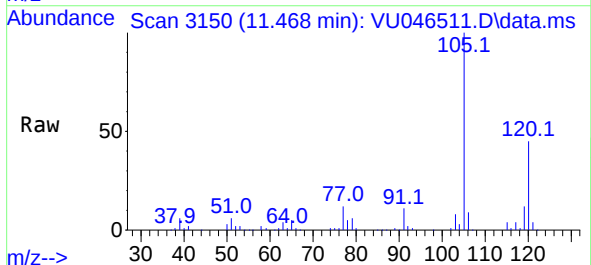
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

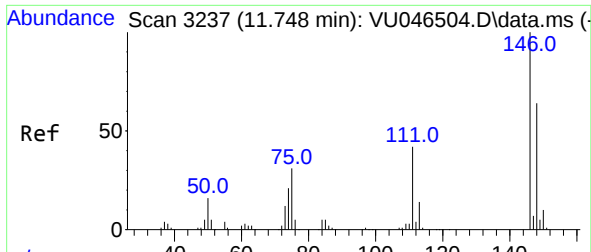
Tgt Ion:105 Resp: 95980
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 24.527 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:105 Resp: 97873
Ion Ratio Lower Upper
105 100
120 44.1 35.2 52.8

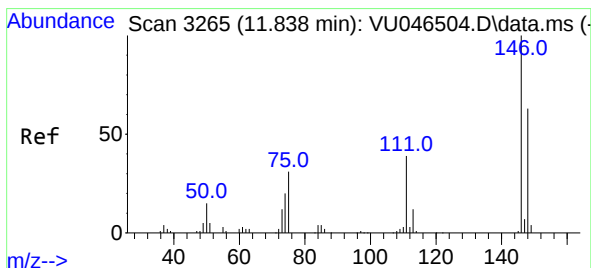
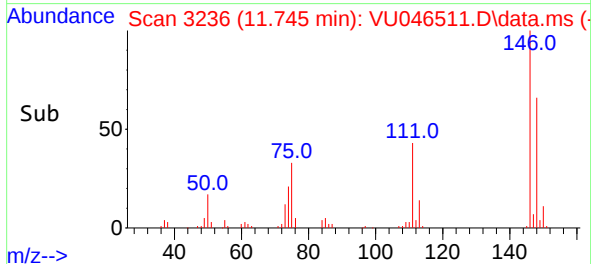
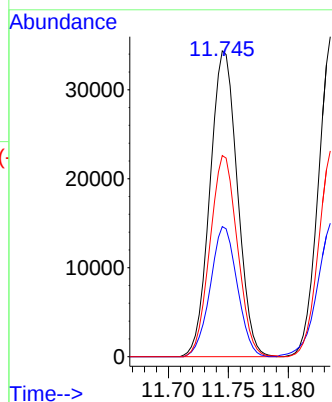
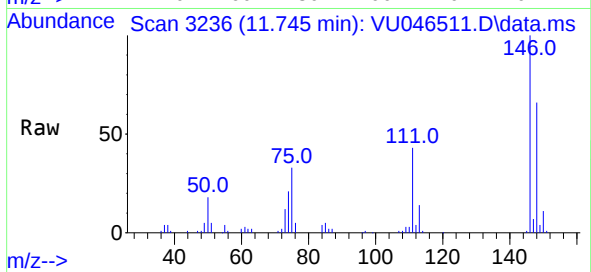




#64
1,3-Dichlorobenzene
Concen: 24.006 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

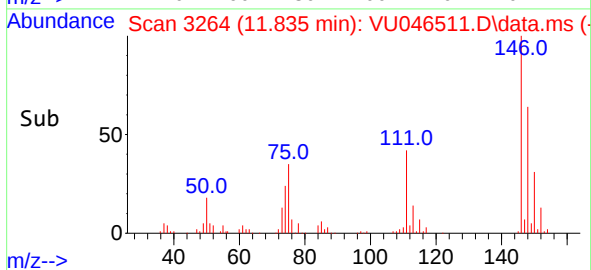
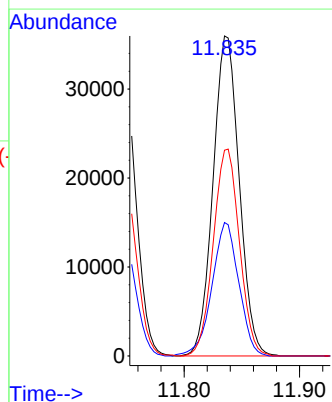
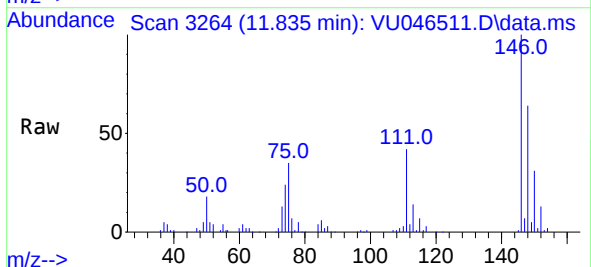
Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

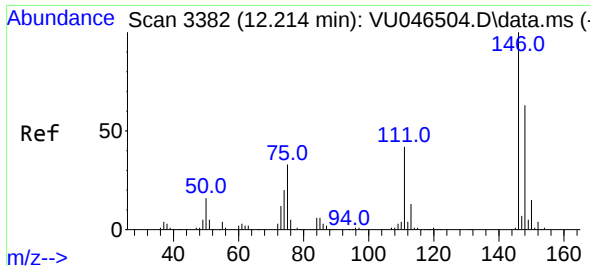
Tgt Ion:146 Resp: 54567
Ion Ratio Lower Upper
146 100
111 42.6 29.5 54.9
148 65.8 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 24.146 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:146 Resp: 56724
Ion Ratio Lower Upper
146 100
111 41.7 28.3 52.7
148 64.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 24.280 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MS

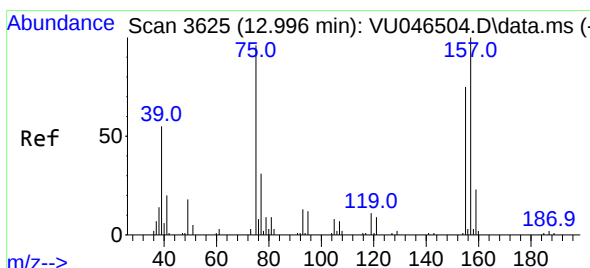
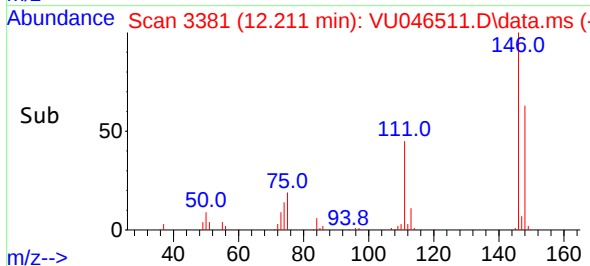
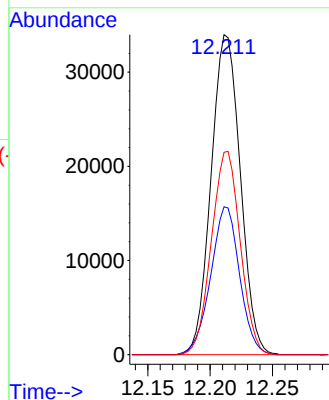
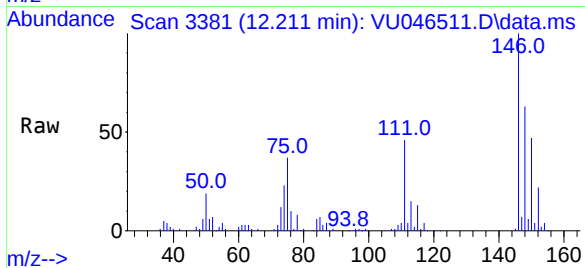
Tgt Ion:146 Resp: 55577

Ion Ratio Lower Upper

146 100

111 46.2 35.7 53.5

148 63.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.534 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

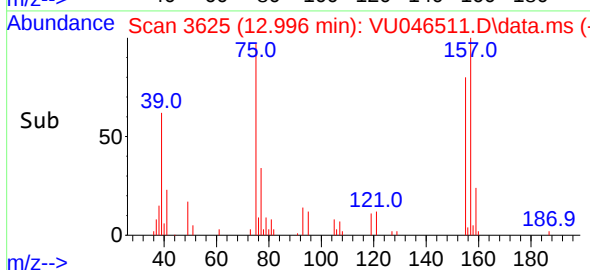
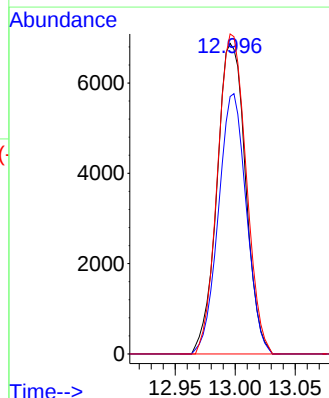
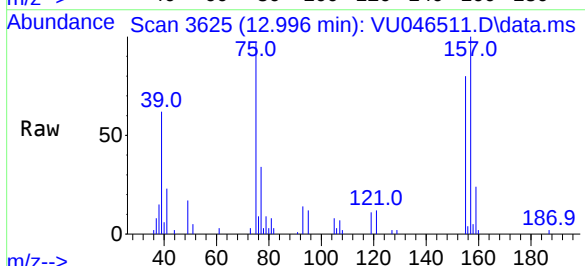
Tgt Ion: 75 Resp: 11396

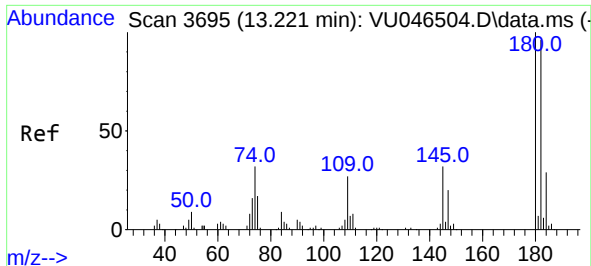
Ion Ratio Lower Upper

75 100

155 82.9 64.9 97.3

157 103.0 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 23.918 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBBY0MS

Tgt Ion:180 Resp: 39613

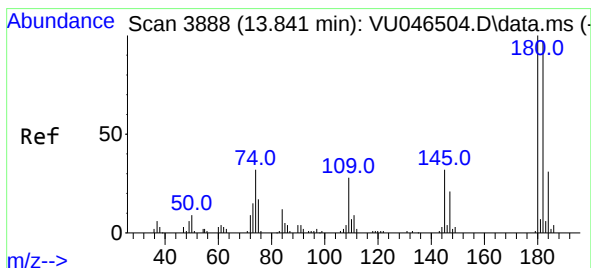
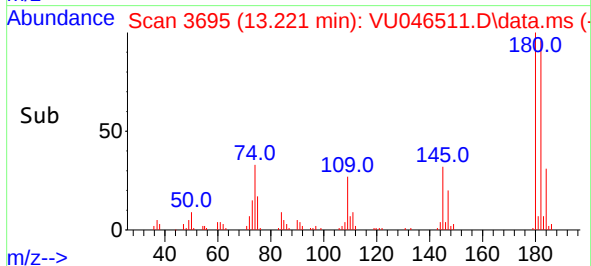
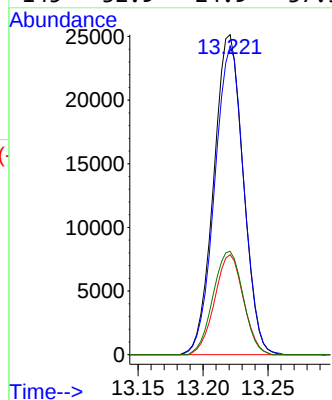
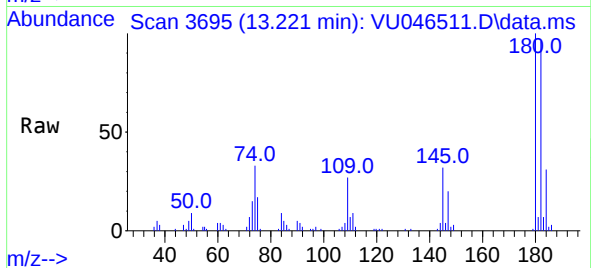
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

184 30.5 24.2 36.4

145 32.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.173 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046511.D

Acq: 20 Dec 2021 15:45

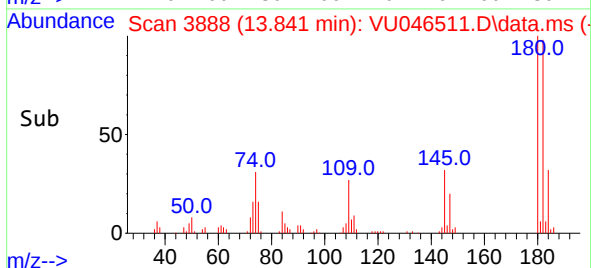
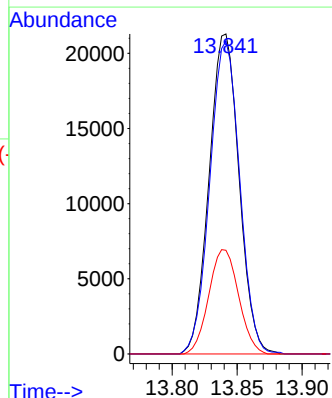
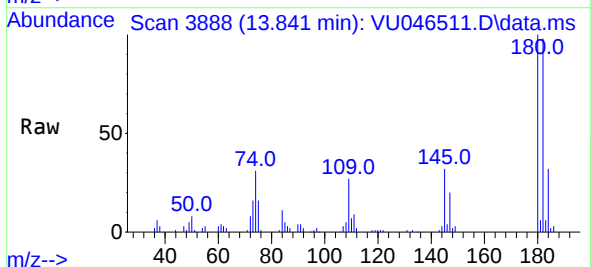
Tgt Ion:180 Resp: 34057

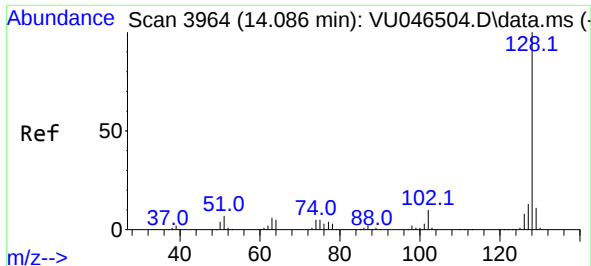
Ion Ratio Lower Upper

180 100

182 97.3 76.7 115.1

145 32.5 26.0 39.0



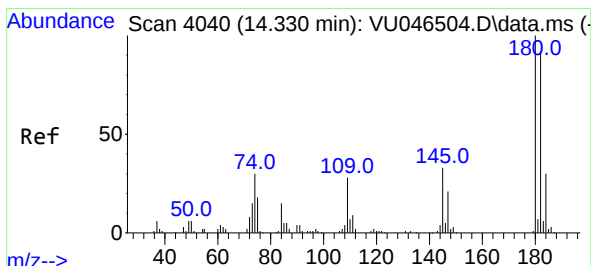
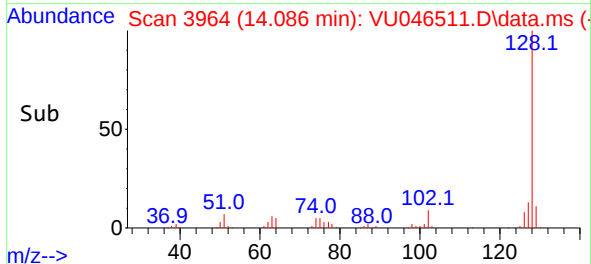
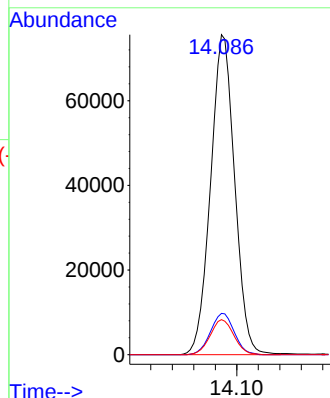
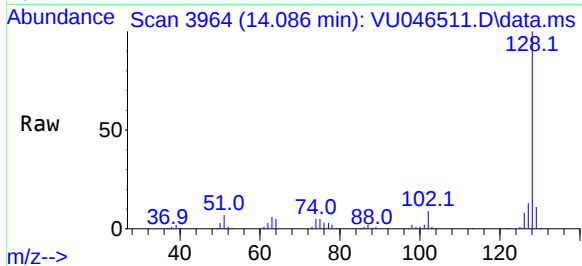


#71
Naphthalene
Concen: 22.978 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Instrument :
MSVOA_U
ClientSampleId :
GBBY0MS

Tgt Ion:128 Resp: 117515

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.003 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046511.D
Acq: 20 Dec 2021 15:45

Tgt Ion:180 Resp: 35974

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	35.4	27.3	40.9

