

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046504.D
 Acq On : 20 Dec 2021 11:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 15:45:58 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	139376	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	139714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	78178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54020	47.051	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.100%
7) Chloroethane-d5	1.922	69	39288	44.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.140%
11) 1,1-Dichloroethene-d2	2.578	63	94735	45.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.646	46	73063	80.052	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.050%
24) Chloroform-d	5.070	84	92715	48.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.707	65	60119	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.732	84	179073	44.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
36) 1,2-Dichloropropane-d6	6.694	67	53866	43.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	7.903	98	165105	45.283	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	8.182	79	27207	45.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.636	63	55736	94.720	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83444	44.336	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	63595	42.240	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	77795	51.303	ug/L	98
3) Chloromethane	1.527	50	62860	46.346	ug/L	99
5) Vinyl chloride	1.610	62	66582	48.687	ug/L	100
6) Bromomethane	1.864	94	39230	50.611	ug/L	99
8) Chloroethane	1.942	64	38898	49.125	ug/L	98
9) Trichlorofluoromethane	2.147	101	91219	51.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	49298	48.610	ug/L	98
12) 1,1-Dichloroethene	2.588	96	46423	48.171	ug/L	95
13) Acetone	2.665	43	71332	62.536	ug/L	94
14) Carbon disulfide	2.803	76	142584	47.688	ug/L	99
15) Methyl Acetate	2.961	43	54667	41.112	ug/L	98
16) Methylene chloride	3.054	84	52694	45.958	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	48701	47.753	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	152034	48.372	ug/L	99
19) 1,1-Dichloroethane	3.877	63	87280	47.069	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	51401	46.449	ug/L	98
22) 2-Butanone	4.729	43	88454	71.235	ug/L	98
23) Bromochloromethane	4.983	128	27144	48.567	ug/L	90
25) Chloroform	5.093	83	93630	45.445	ug/L	98

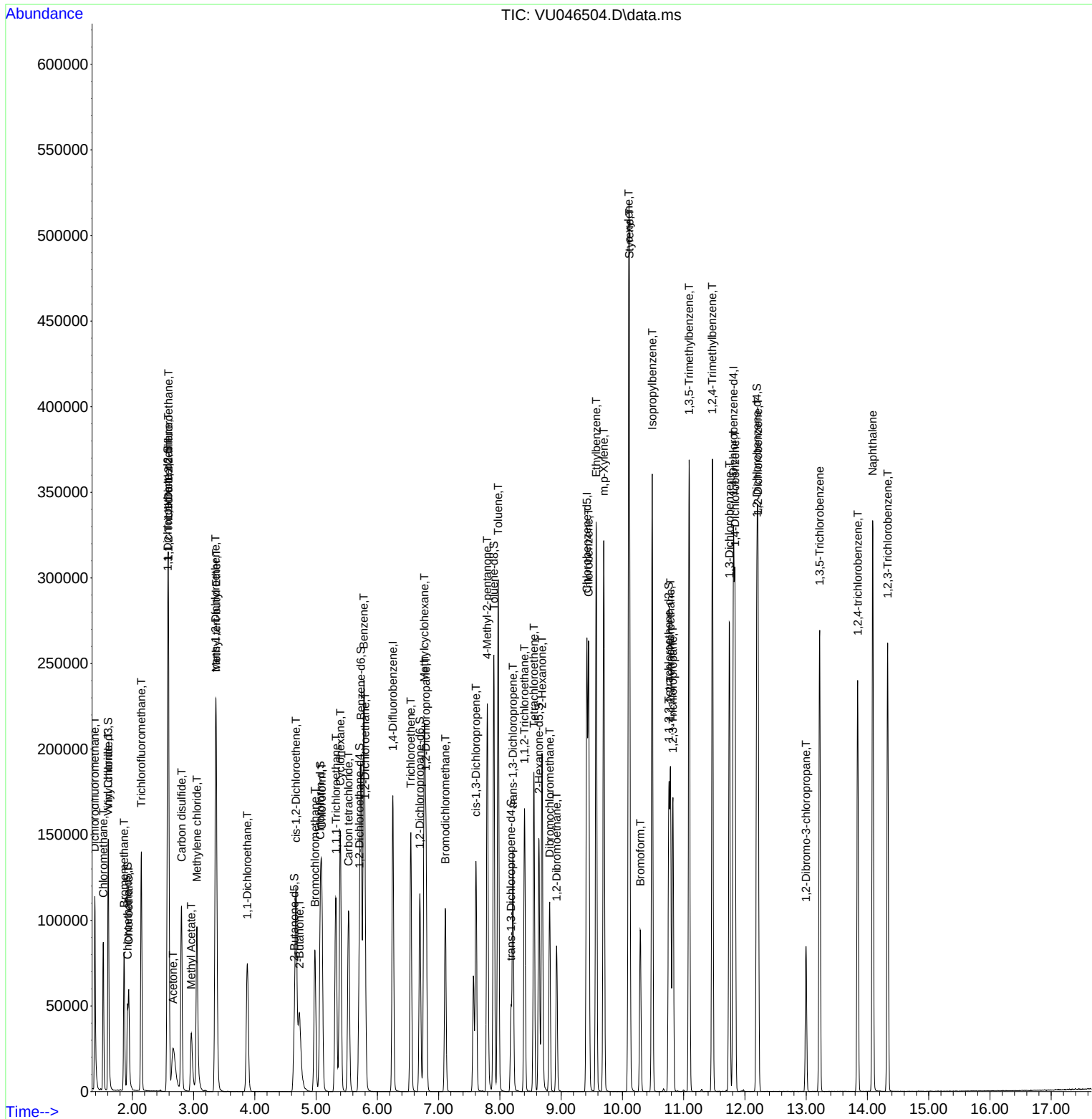
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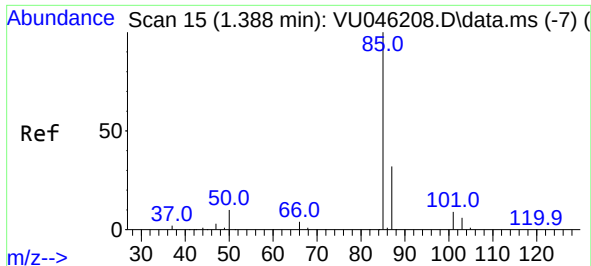
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 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	75907	49.650	ug/L	97
29) Cyclohexane	5.395	56	74588	45.847	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	86532	50.456	ug/L	98
31) Carbon tetrachloride	5.530	117	73565	50.527	ug/L	96
33) Benzene	5.777	78	203389	48.098	ug/L	100
34) Trichloroethene	6.546	95	51657	46.371	ug/L	98
35) Methylcyclohexane	6.768	83	84945	49.178	ug/L	99
37) 1,2-Dichloropropane	6.793	63	51336	46.344	ug/L	100
38) Bromodichloromethane	7.109	83	70184	47.669	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	81104	48.128	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	142016	87.260	ug/L	98
42) Toluene	7.973	91	215838	47.569	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	80242	48.482	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	51562	46.397	ug/L	99
46) Tetrachloroethene	8.555	164	40306	49.235	ug/L	95
48) 2-Hexanone	8.687	43	120360	82.692	ug/L	99
49) Dibromochloromethane	8.813	129	56364	48.298	ug/L	95
50) 1,2-Dibromoethane	8.925	107	55574	46.125	ug/L	99
51) Chlorobenzene	9.449	112	135474	46.150	ug/L	99
52) Ethylbenzene	9.571	91	233506	47.818	ug/L	100
53) m,p-Xylene	9.697	106	91992	48.305	ug/L	100
54) o-xylene	10.102	106	87839	47.535	ug/L	99
55) Styrene	10.115	104	154689	49.032	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	87562	45.957	ug/L	100
59) Bromoform	10.295	173	41778	45.554	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	72790	42.475	ug/L	99
61) Isopropylbenzene	10.488	105	232385	45.686	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	200536	47.299	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	201882	47.594	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	108314	44.829	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	109663	43.916	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	108339	44.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	22067	48.335	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	81435	46.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	70783	45.308	ug/L	99
71) Naphthalene	14.086	128	255165	46.936	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	75460	47.366	ug/L	99

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

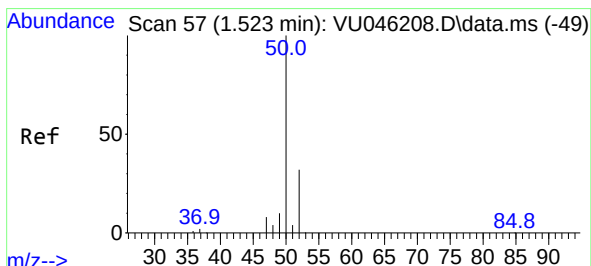
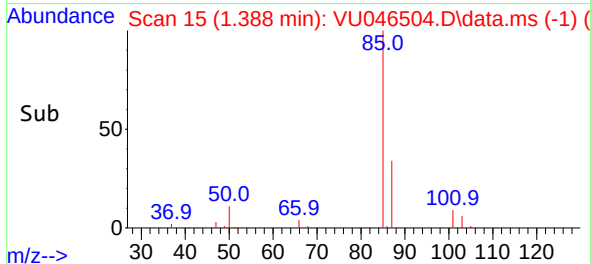
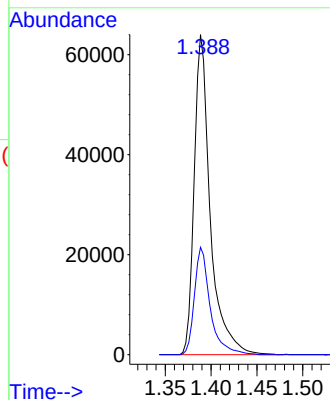
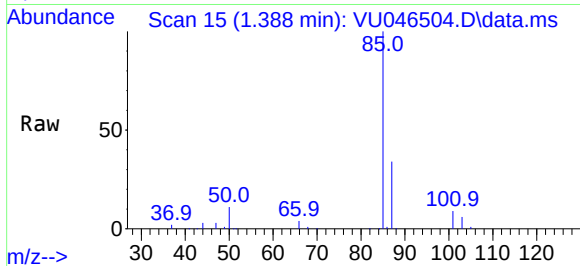
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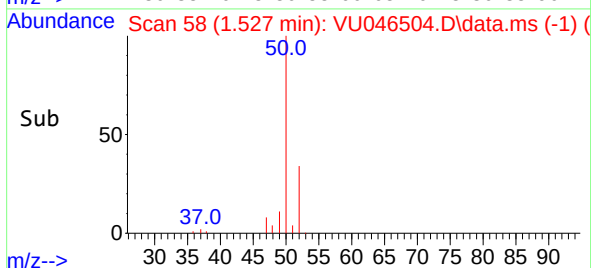
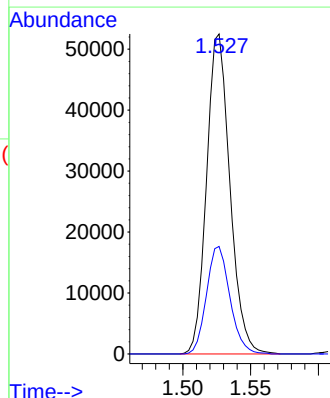
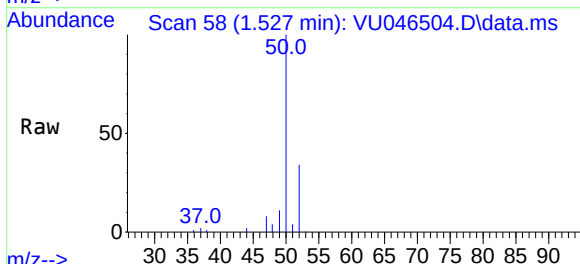
#2
Dichlorodifluoromethane
Concen: 51.303 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

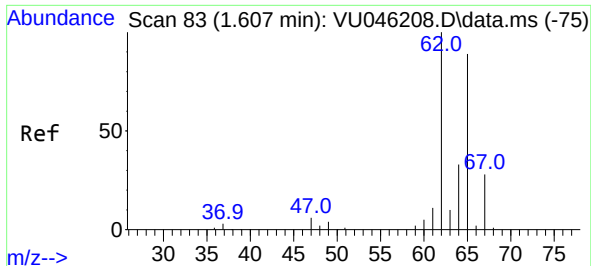
Tgt Ion: 85 Resp: 77795
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5



#3
Chloromethane
Concen: 46.346 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

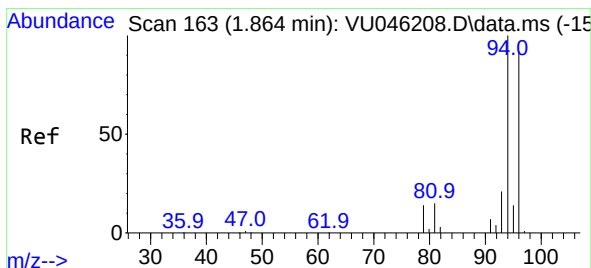
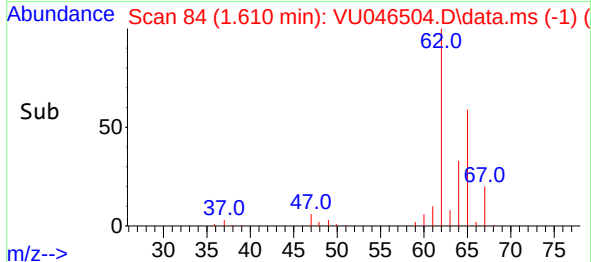
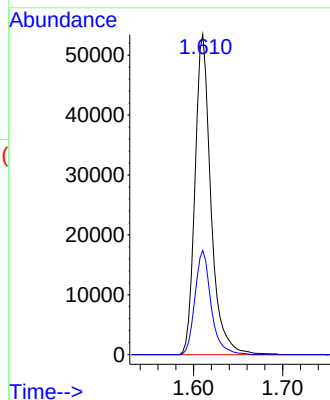
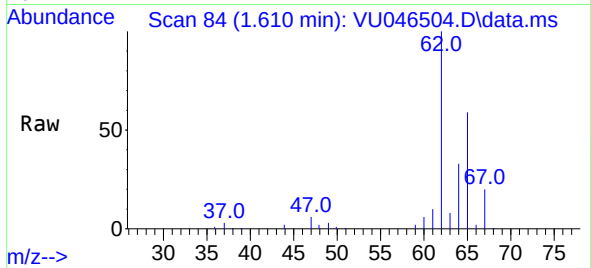
Tgt Ion: 50 Resp: 62860
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2





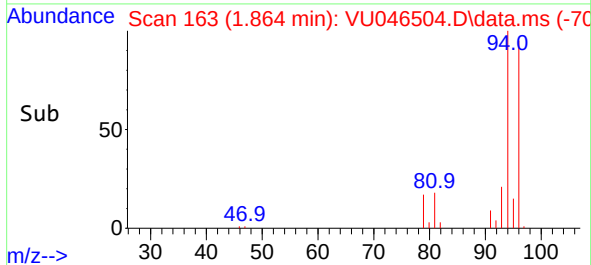
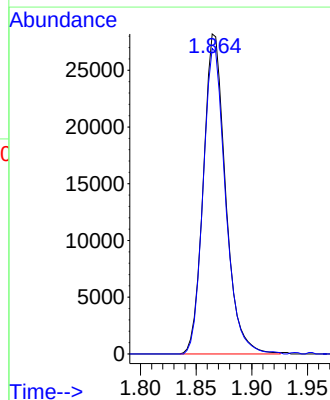
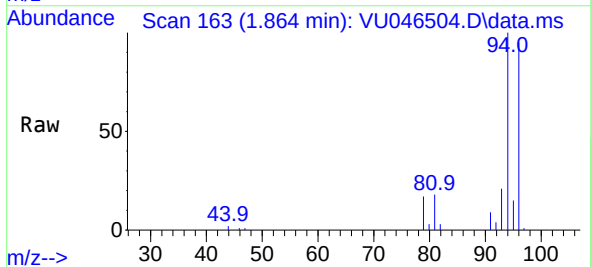
#5
 Vinyl chloride
 Concen: 48.687 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046504.D
 Acq: 20 Dec 2021 11:20

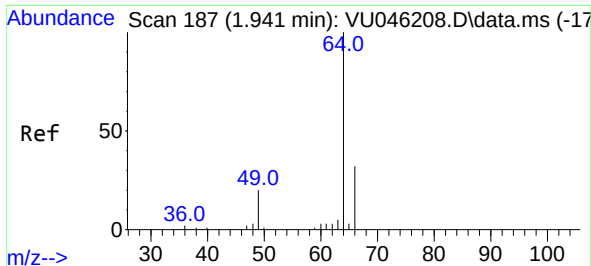
Tgt Ion: 62 Resp: 66582
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 50.611 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046504.D
 Acq: 20 Dec 2021 11:20

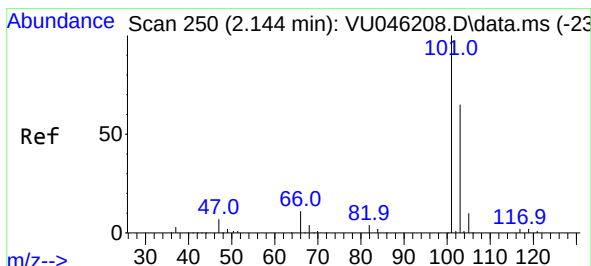
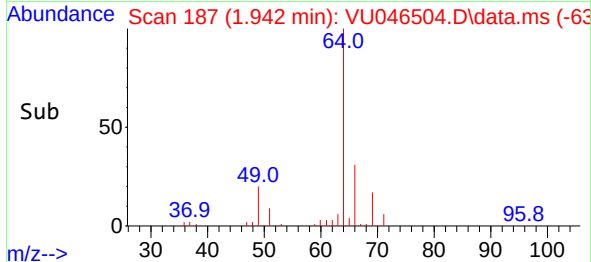
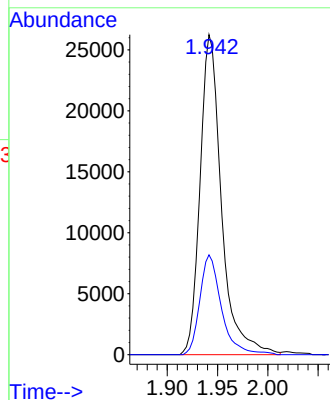
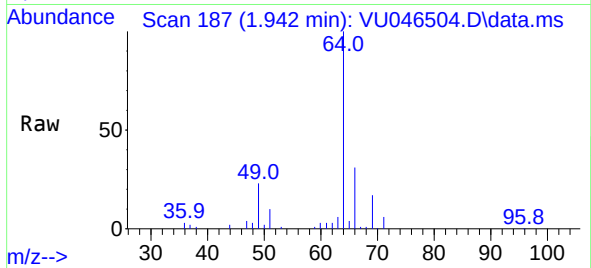
Tgt Ion: 94 Resp: 39230
 Ion Ratio Lower Upper
 94 100
 96 95.5 67.4 125.2





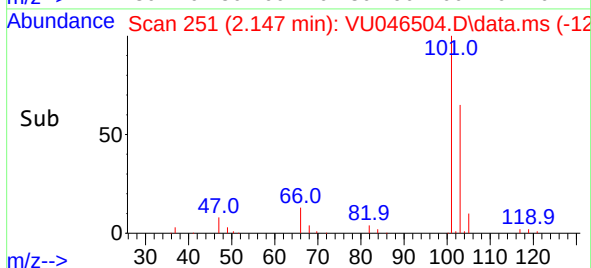
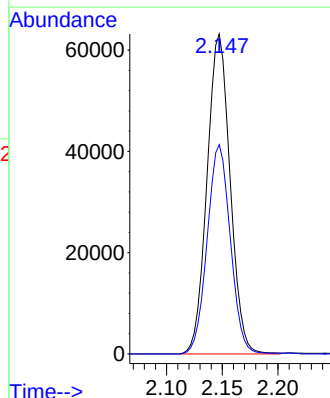
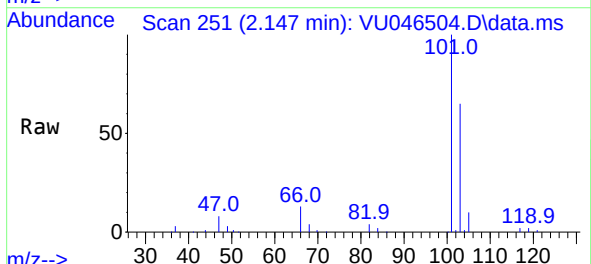
#8
Chloroethane
Concen: 49.125 ug/L
RT: 1.942 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

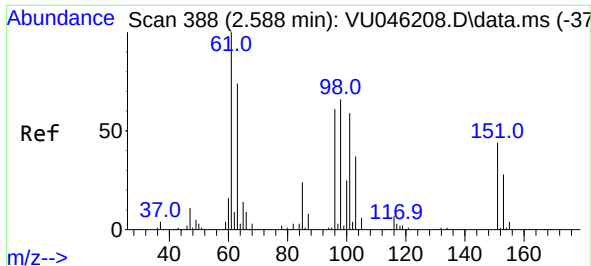
Tgt Ion: 64 Resp: 38898
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 51.091 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

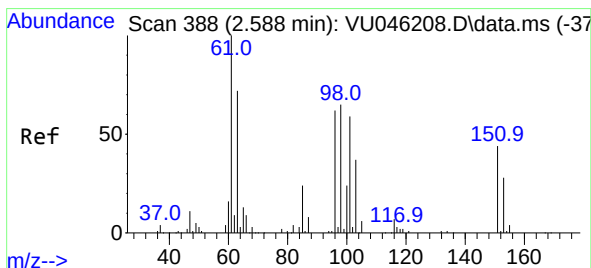
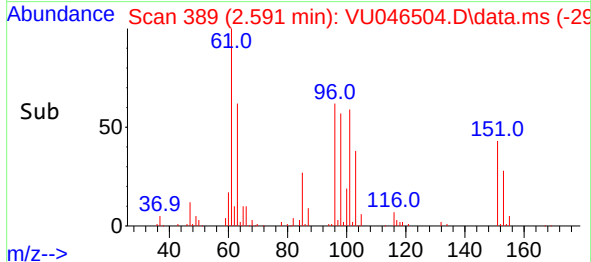
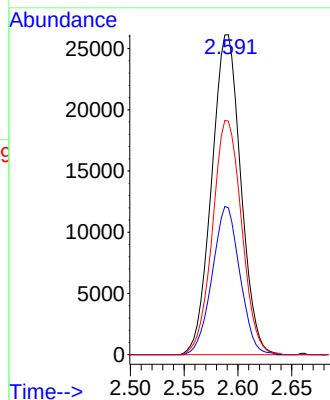
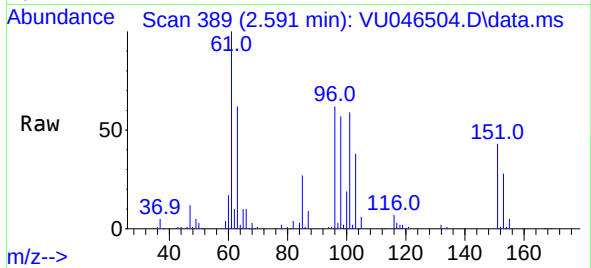
Tgt Ion: 101 Resp: 91219
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6





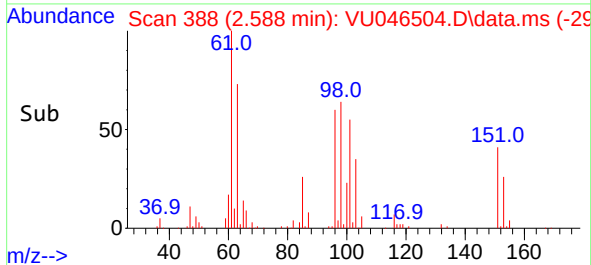
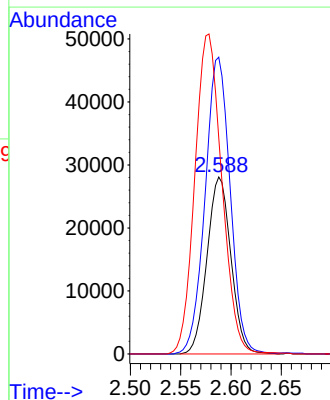
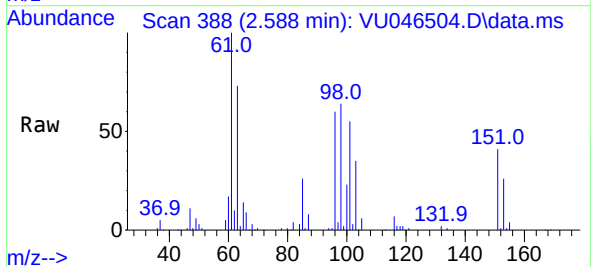
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.610 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

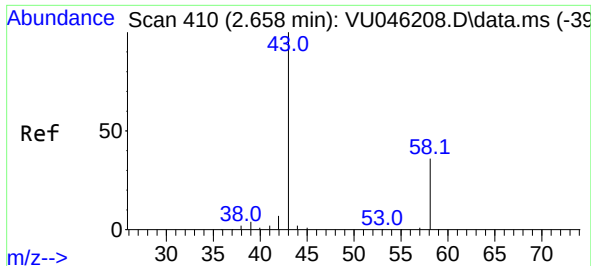
Tgt Ion:101 Resp: 49298
Ion Ratio Lower Upper
101 100
85 44.0 35.1 52.7
151 73.3 56.7 85.1



#12
1,1-Dichloroethene
Concen: 48.171 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

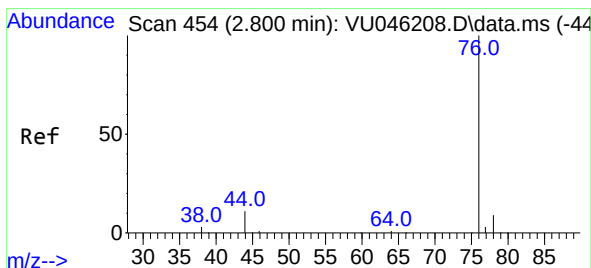
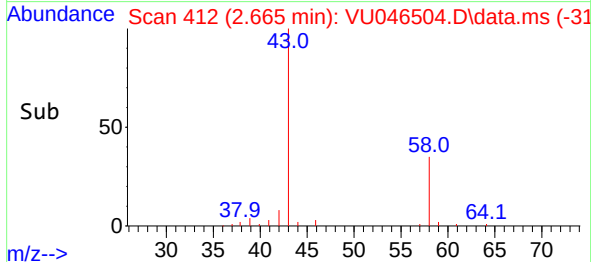
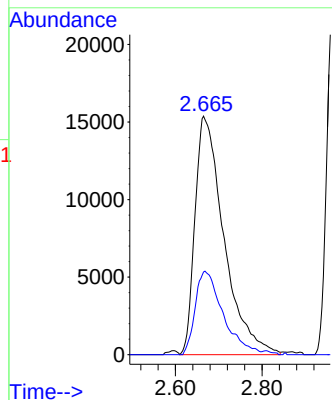
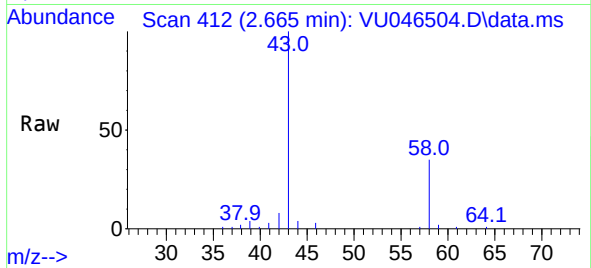
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Ion Ratio Lower Upper
96 100
61 167.7 118.6 220.2
63 122.2 93.0 172.8





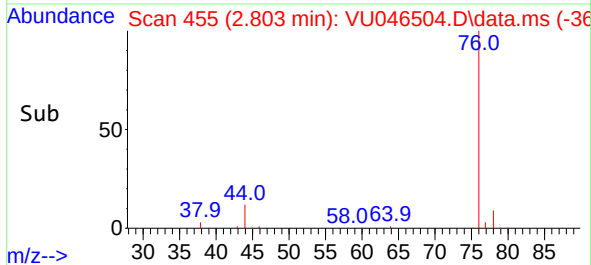
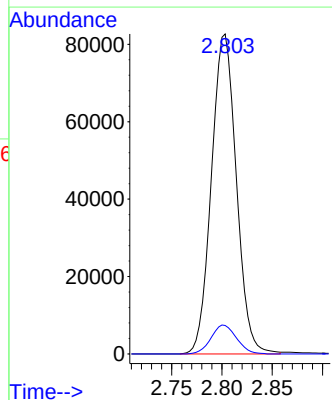
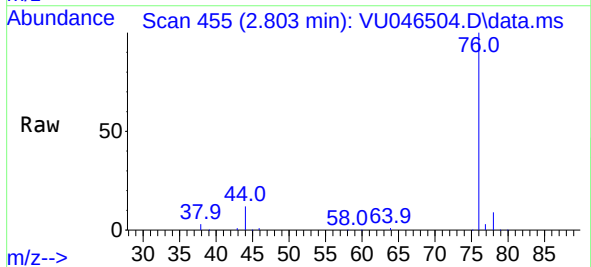
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Acetone
Concen: 62.536 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

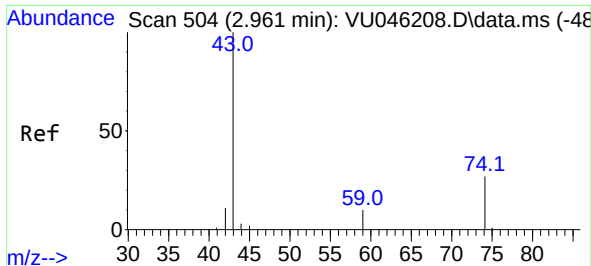
Tgt Ion: 43 Resp: 71332
Ion Ratio Lower Upper
43 100
58 30.0 0.0 66.8



#14
Carbon disulfide
Concen: 47.688 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

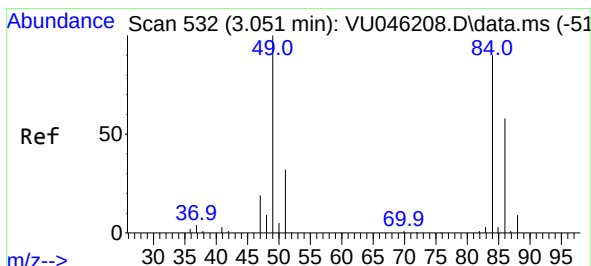
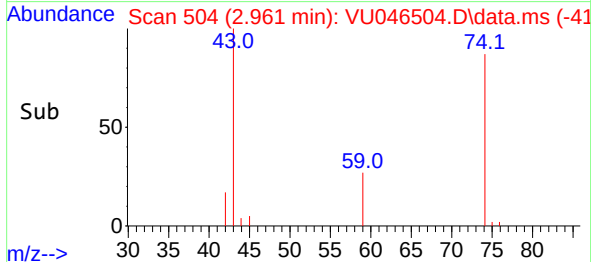
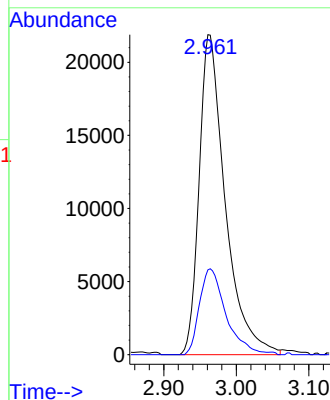
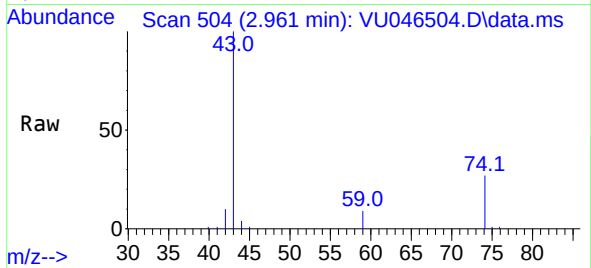
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Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





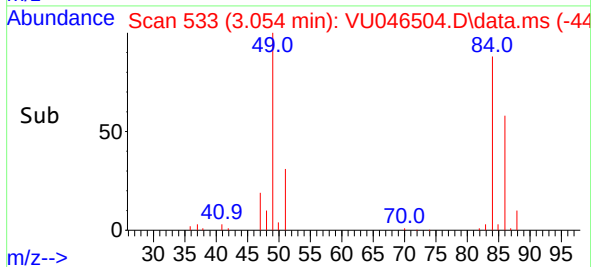
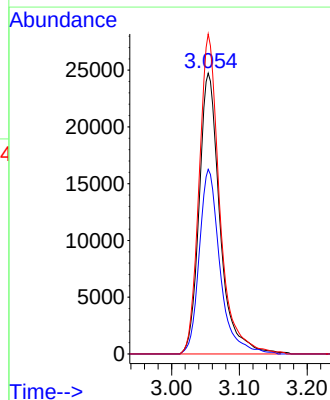
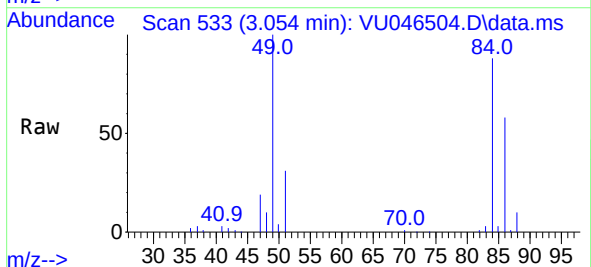
#15
Methyl Acetate
Concen: 41.112 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

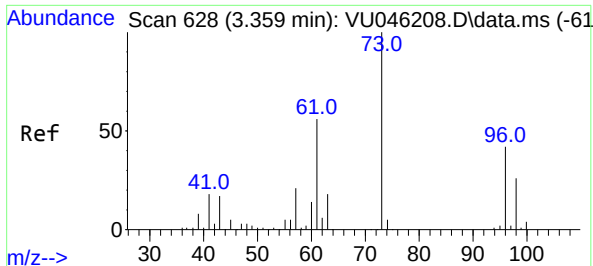
Tgt Ion: 43 Resp: 54667
Ion Ratio Lower Upper
43 100
74 27.3 20.8 31.2



#16
Methylene chloride
Concen: 45.958 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

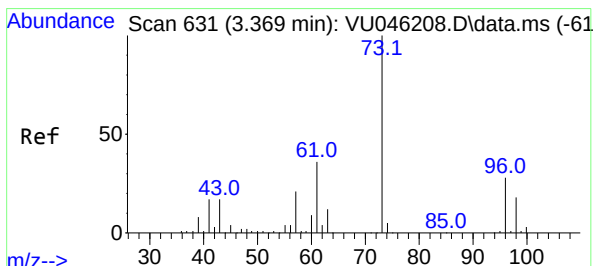
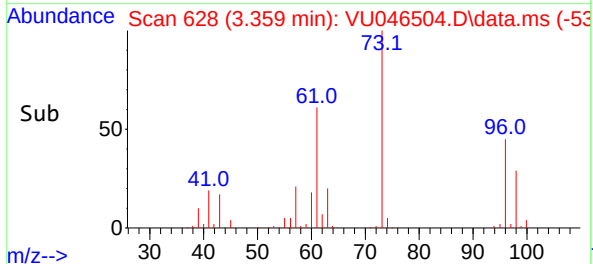
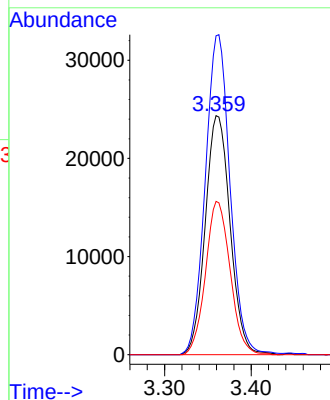
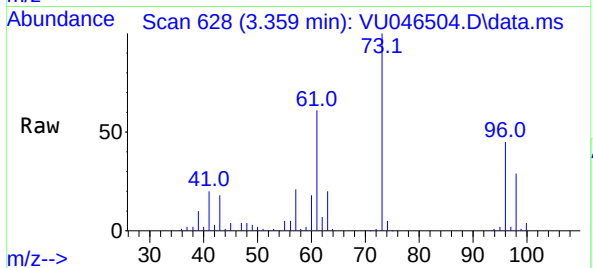
Tgt Ion: 84 Resp: 52694
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 113.9 78.4 145.6





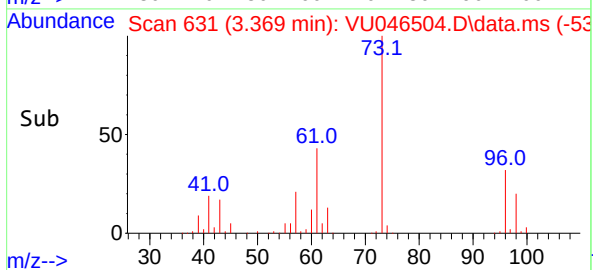
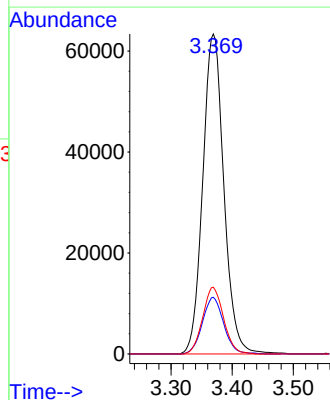
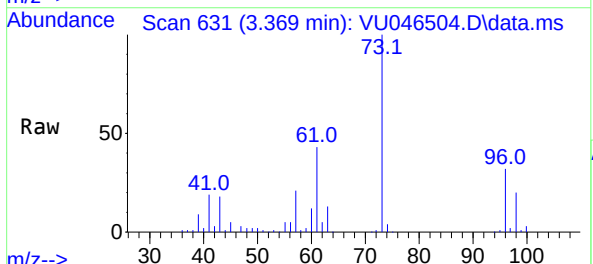
#17
trans-1,2-Dichloroethene
Concen: 47.753 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

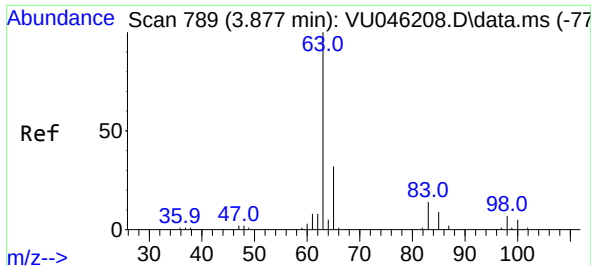
Tgt Ion:	96	Resp:	48701
Ion	Ratio	Lower	Upper
96	100		
61	133.4	94.6	175.6
98	64.1	44.0	81.8



#18
Methyl tert-butyl Ether
Concen: 48.372 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion:	73	Resp:	152034
Ion	Ratio	Lower	Upper
73	100		
43	17.8	14.0	21.0
57	20.6	17.0	25.4





#19

1,1-Dichloroethane

Concen: 47.069 ug/L

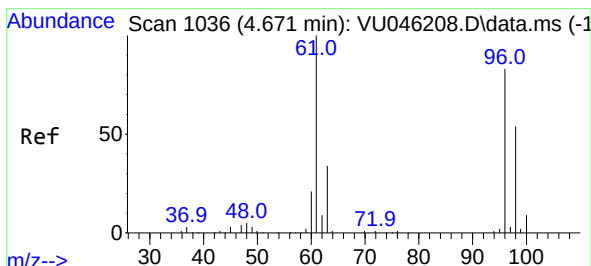
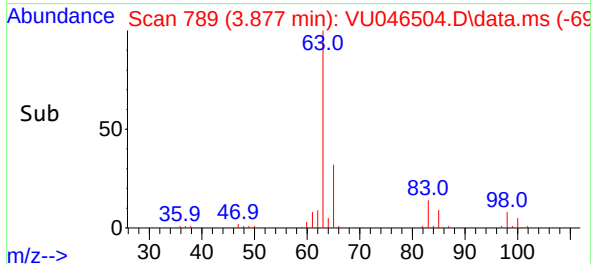
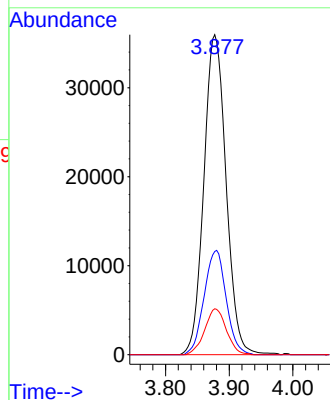
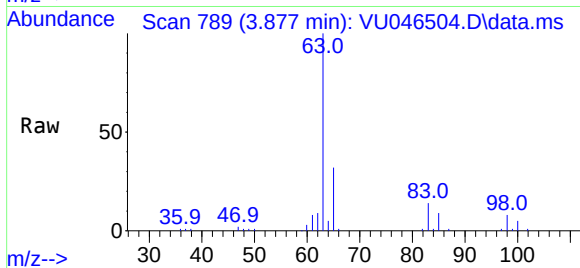
RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046504.D

Acq: 20 Dec 2021 11:20

Tgt Ion:	63	Resp:	87280
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.8	42.4
83	14.4	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 46.449 ug/L

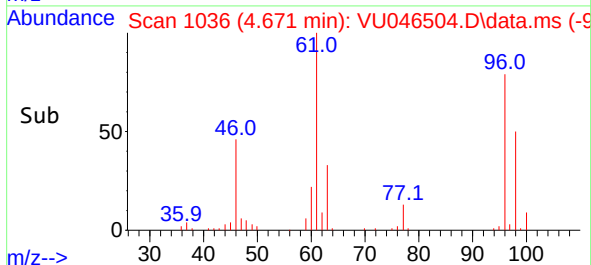
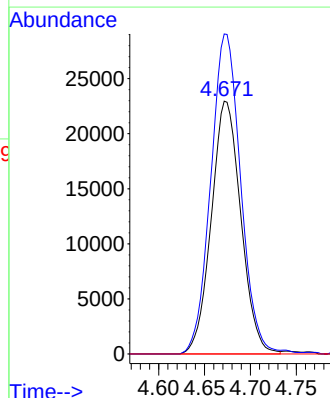
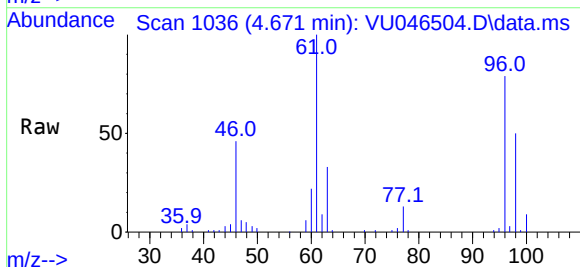
RT: 4.671 min Scan# 1036

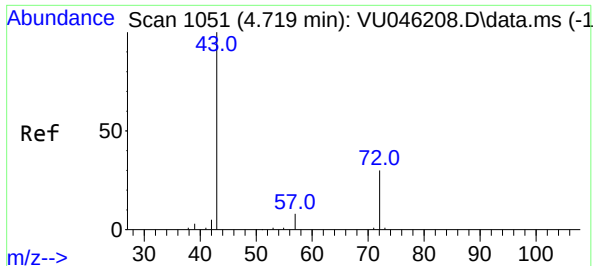
Delta R.T. 0.000 min

Lab File: VU046504.D

Acq: 20 Dec 2021 11:20

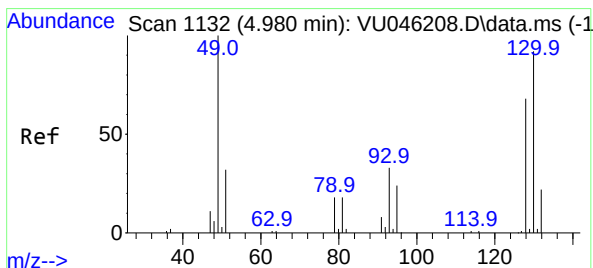
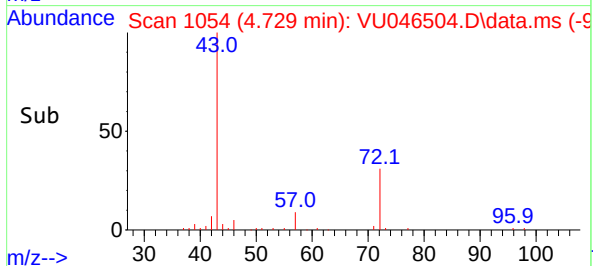
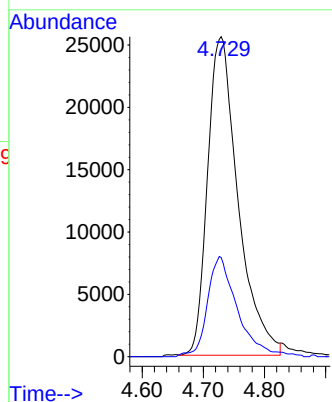
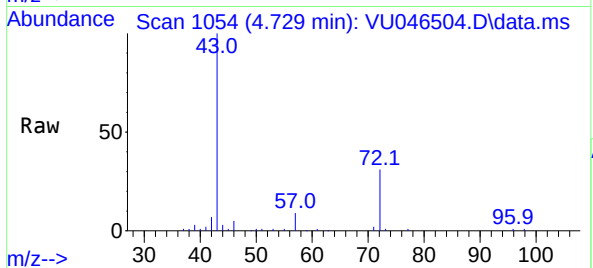
Tgt Ion:	96	Resp:	51401
Ion	Ratio	Lower	Upper
96	100		
61	126.6	86.8	161.2
68	0.0	0.0	0.0





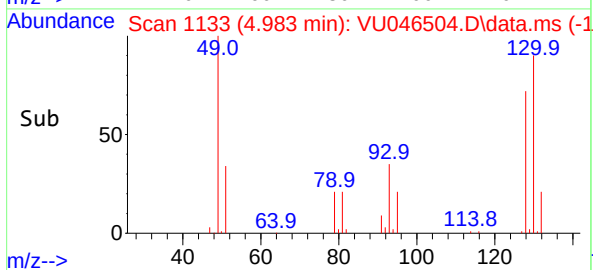
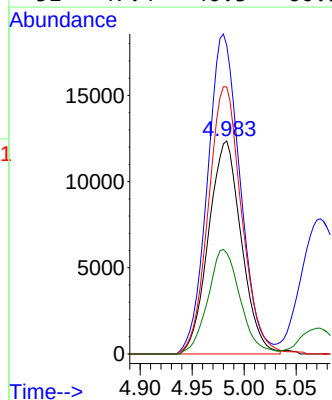
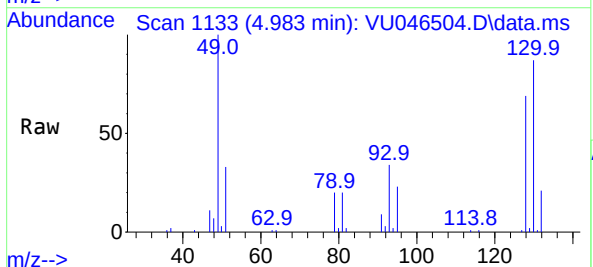
#22
2-Butanone
Concen: 71.235 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

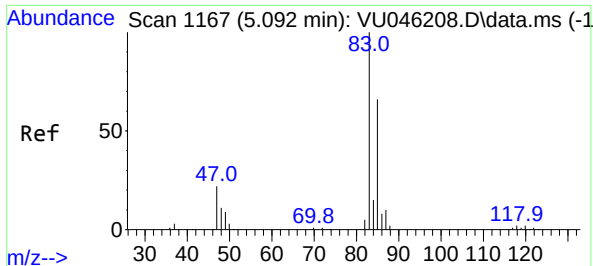
Tgt Ion: 43 Resp: 88454
Ion Ratio Lower Upper
43 100
72 28.2 14.5 43.6



#23
Bromochloromethane
Concen: 48.567 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion: 128 Resp: 27144
Ion Ratio Lower Upper
128 100
49 144.8 115.9 215.3
130 125.4 91.8 170.4
51 47.4 40.3 60.5

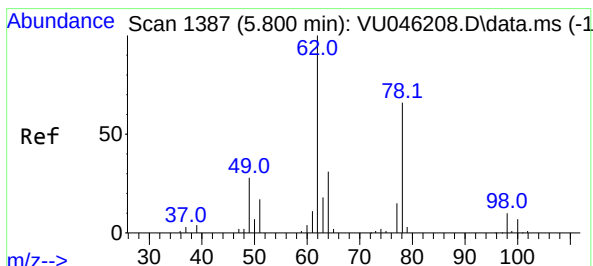
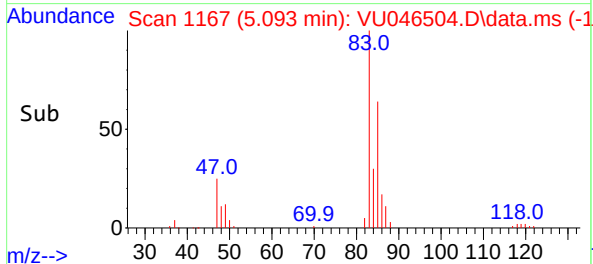
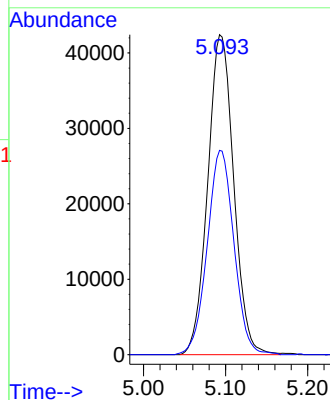
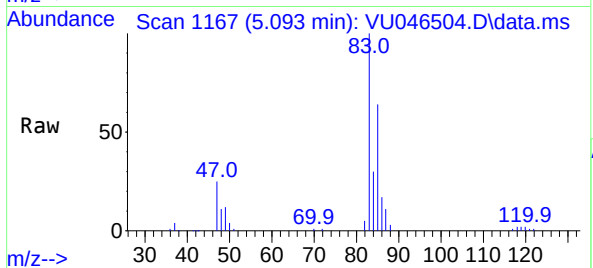




#25

Chloroform
Concen: 45.445 ug/L
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

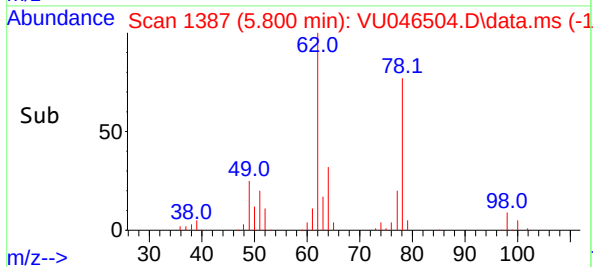
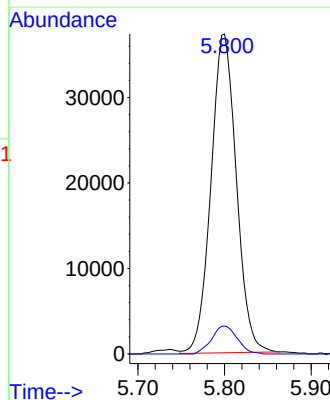
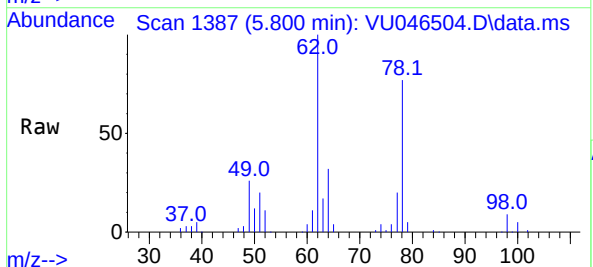
Tgt Ion: 83 Resp: 93630
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2

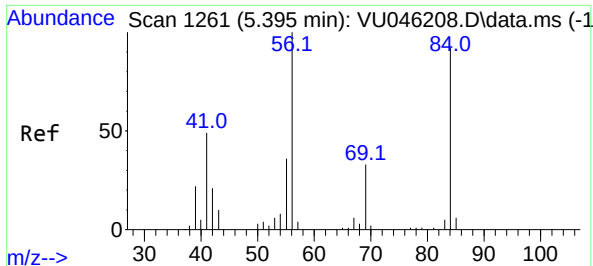


#27

1,2-Dichloroethane
Concen: 49.650 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion: 62 Resp: 75907
Ion Ratio Lower Upper
62 100
98 8.7 7.9 11.9





#29

Cyclohexane

Concen: 45.847 ug/L

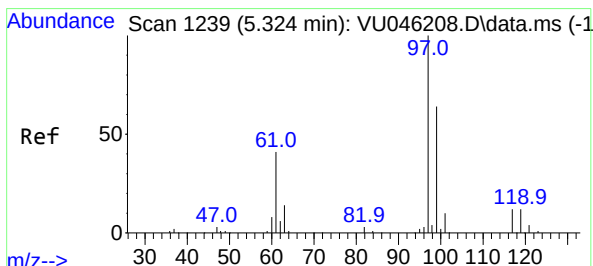
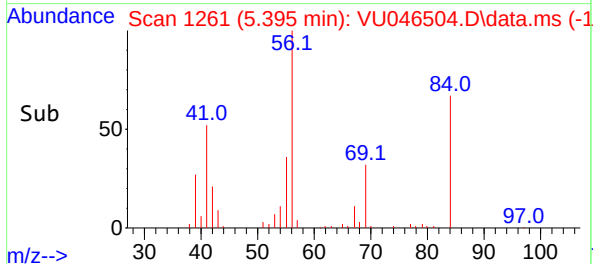
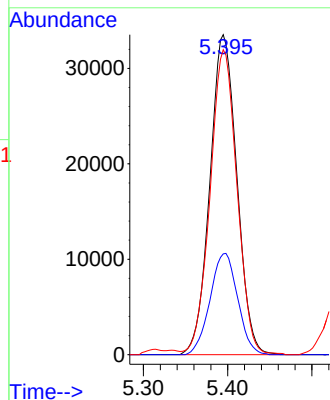
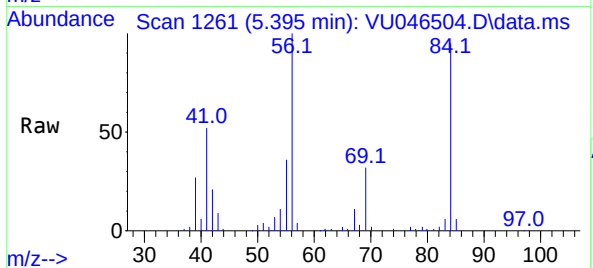
RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046504.D

Acq: 20 Dec 2021 11:20

Tgt Ion:	56	Resp:	74588
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.2	37.8
84	93.7	73.3	109.9



#30

1,1,1-Trichloroethane

Concen: 50.456 ug/L

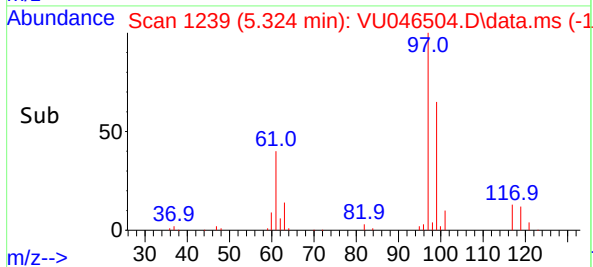
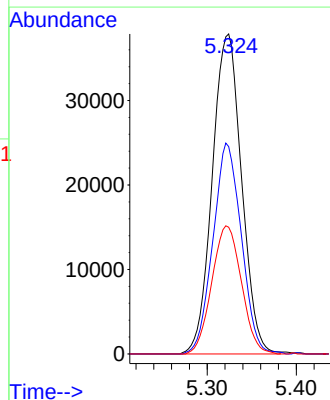
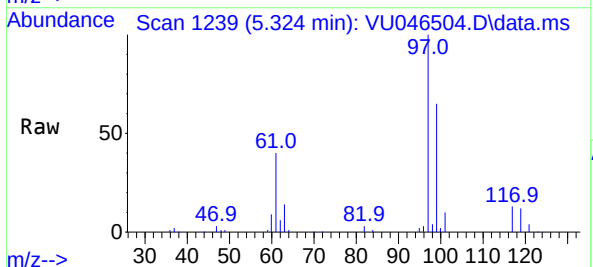
RT: 5.324 min Scan# 1239

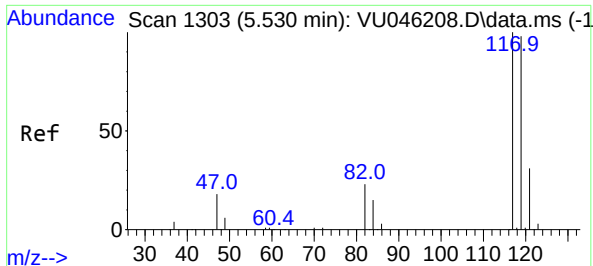
Delta R.T. 0.003 min

Lab File: VU046504.D

Acq: 20 Dec 2021 11:20

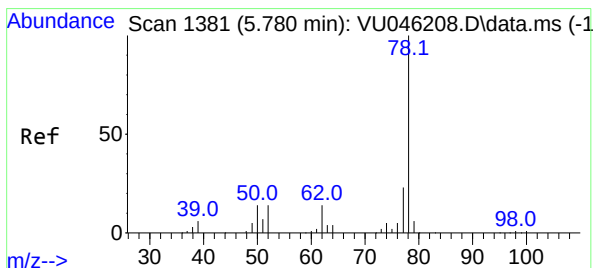
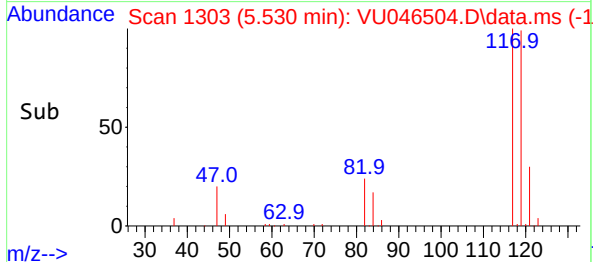
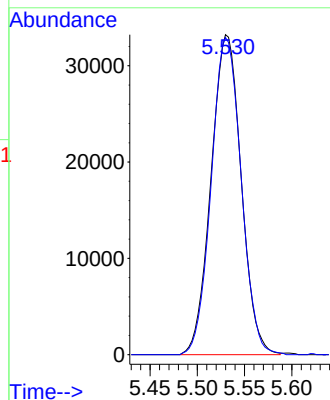
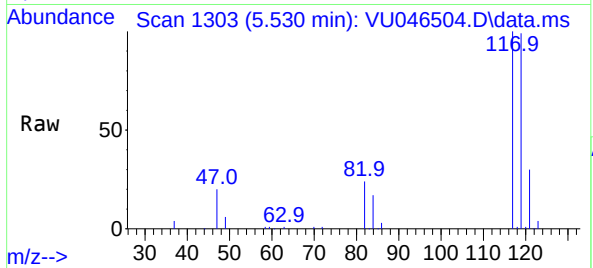
Tgt Ion:	97	Resp:	86532
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	40.5	34.4	51.6





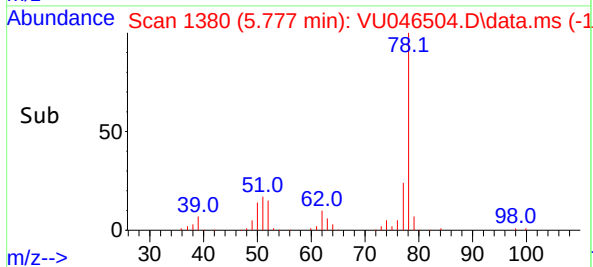
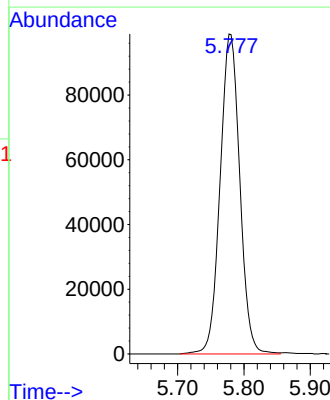
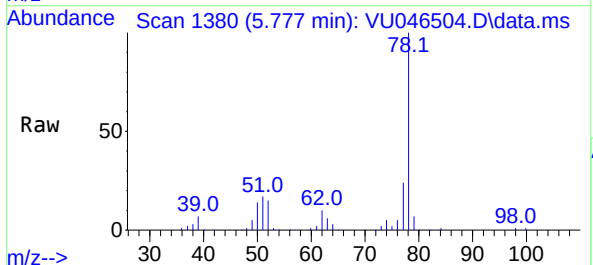
#31
Carbon tetrachloride
Concen: 50.527 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

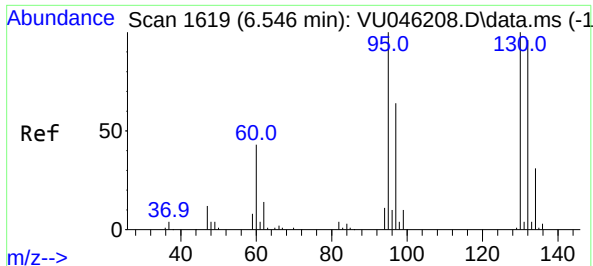
Tgt Ion:117 Resp: 73565
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5



#33
Benzene
Concen: 48.098 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion: 78 Resp: 203389

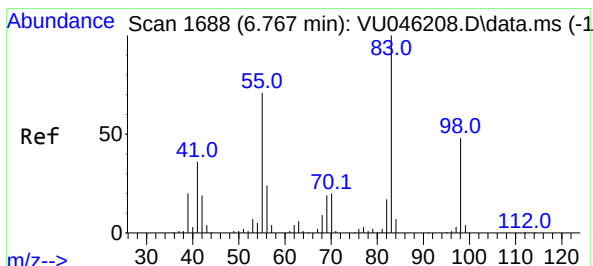
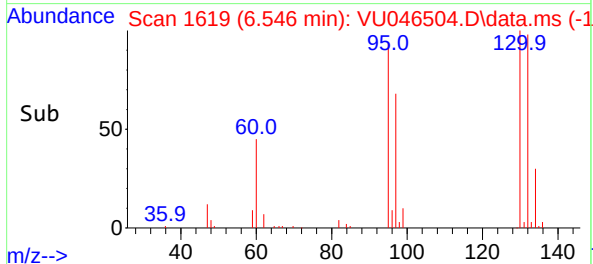
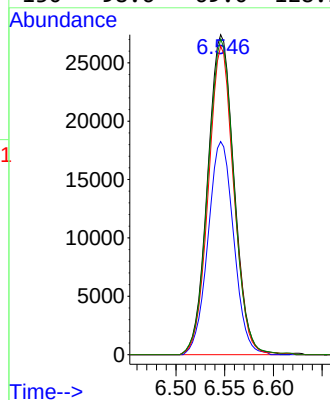
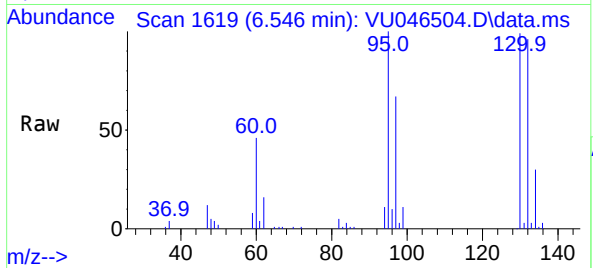




#34
Trichloroethene
Concen: 46.371 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion: 95 Resp: 51657

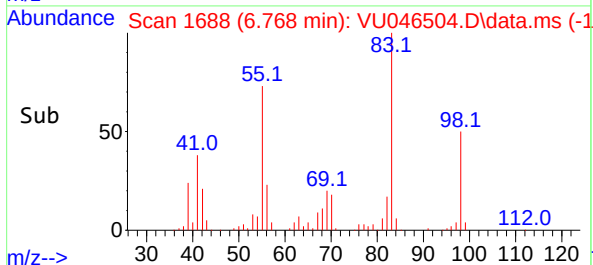
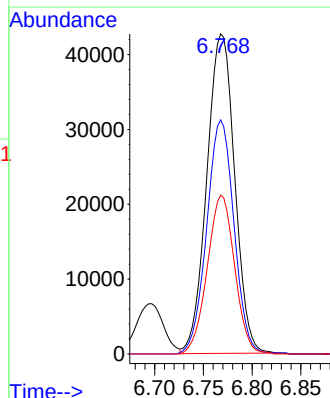
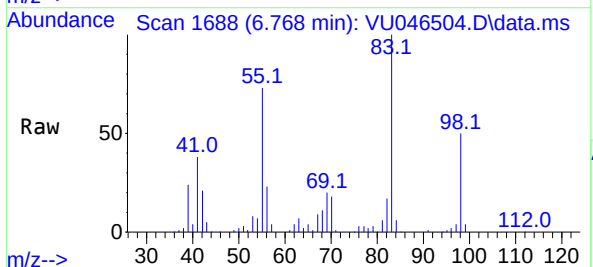
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.1	81.9
132	96.4	66.8	124.0
130	98.6	69.0	128.1

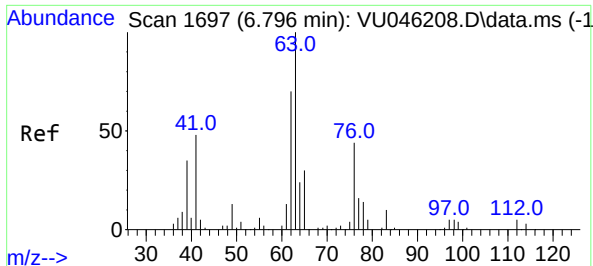


#35
Methylcyclohexane
Concen: 49.178 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion: 83 Resp: 84945

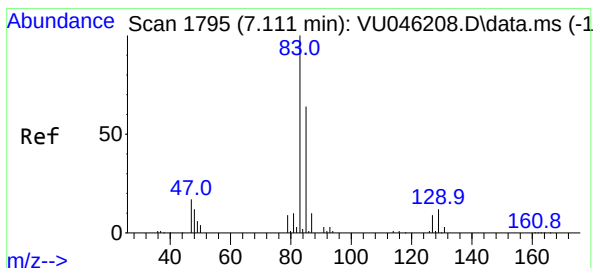
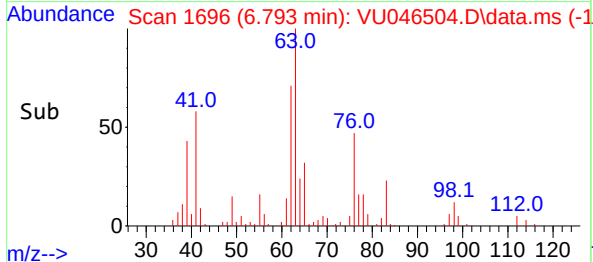
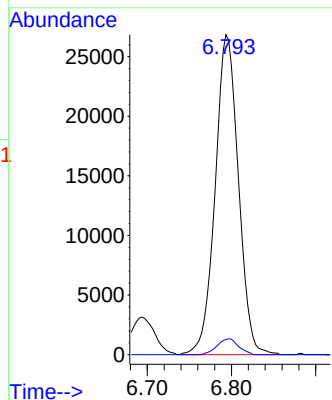
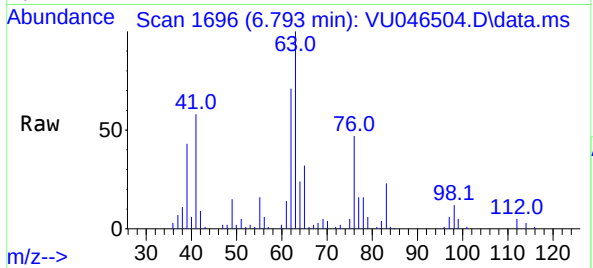
Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.8	86.6
98	48.8	38.4	57.6





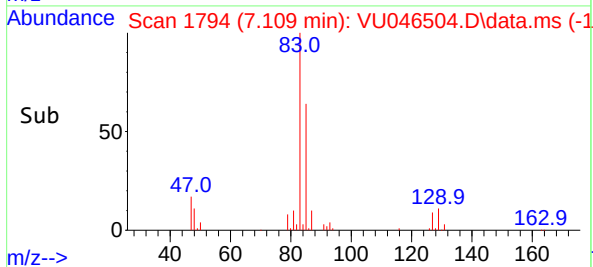
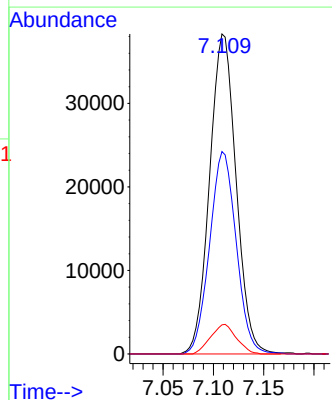
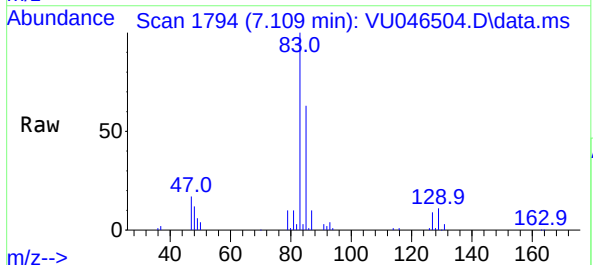
#37
1,2-Dichloropropane
Concen: 46.344 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

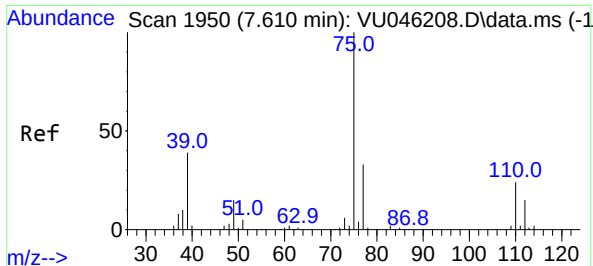
Tgt Ion: 63 Resp: 51336
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 47.669 ug/L
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

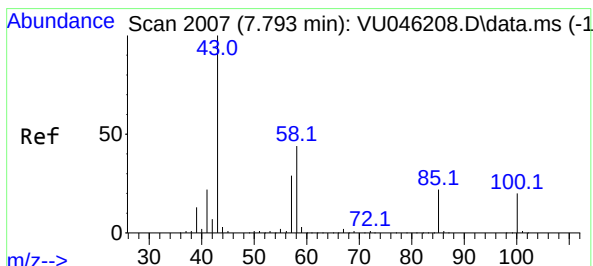
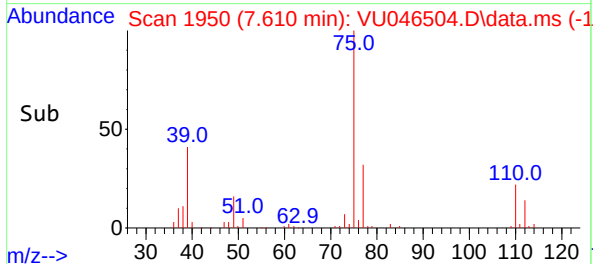
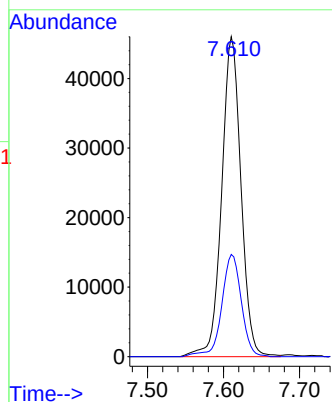
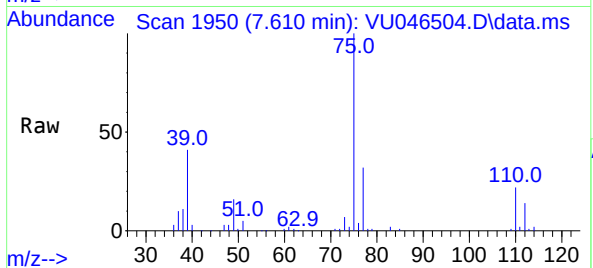
Tgt Ion: 83 Resp: 70184
Ion Ratio Lower Upper
83 100
85 63.2 44.4 82.5
127 9.1 6.9 10.3





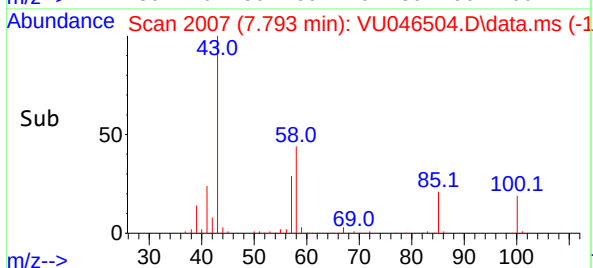
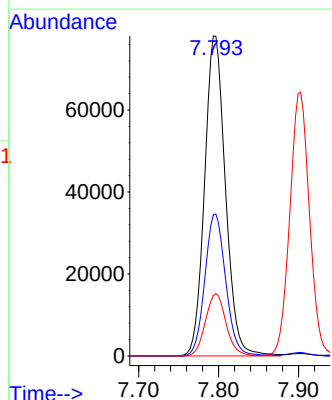
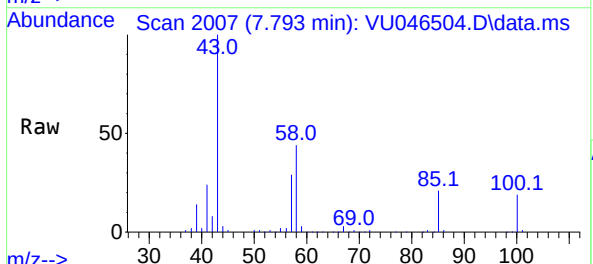
#39
 cis-1,3-Dichloropropene
 Concen: 48.128 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU046504.D
 Acq: 20 Dec 2021 11:20

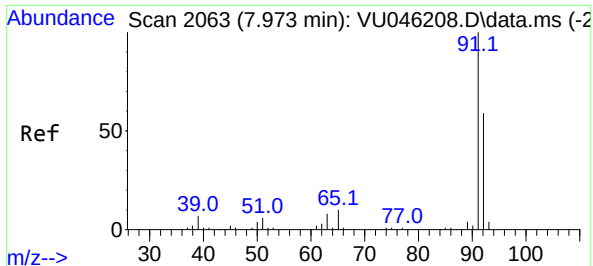
Tgt Ion: 75 Resp: 81104
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 87.260 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU046504.D
 Acq: 20 Dec 2021 11:20

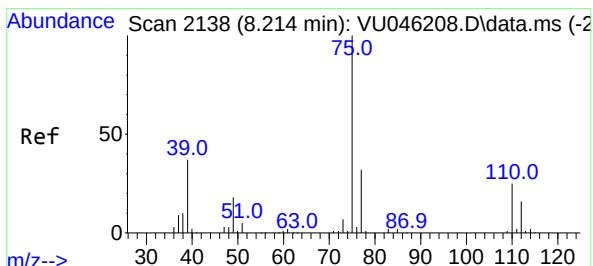
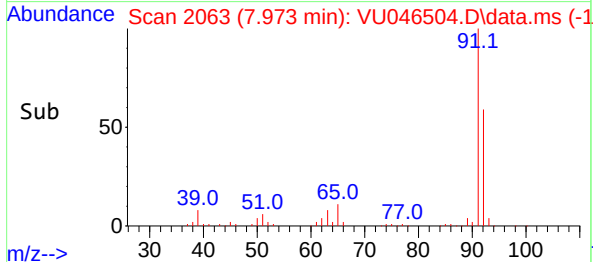
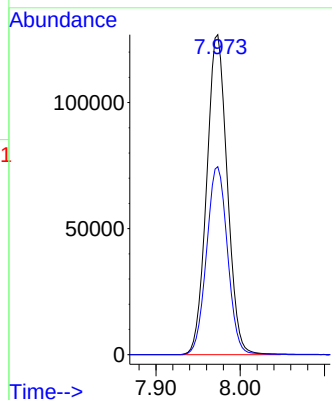
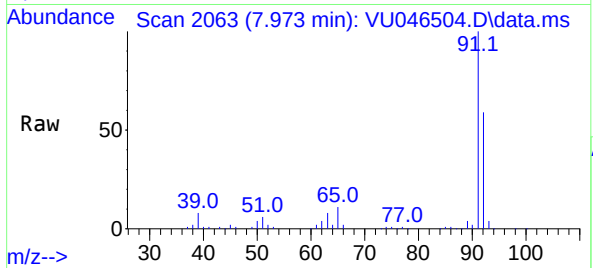
Tgt Ion: 43 Resp: 142016
 Ion Ratio Lower Upper
 43 100
 58 44.2 34.2 51.4
 100 19.2 14.5 21.7





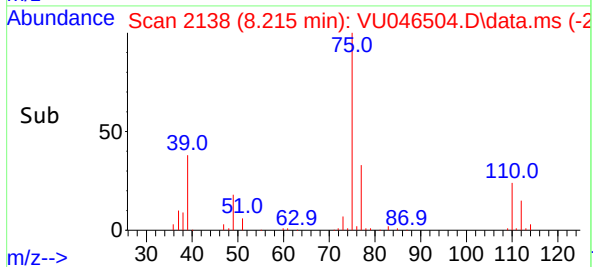
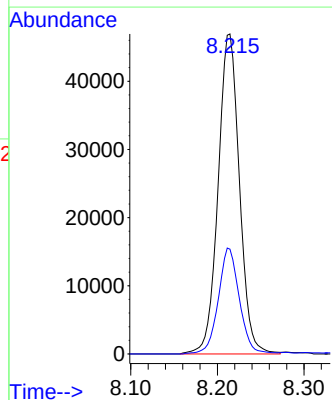
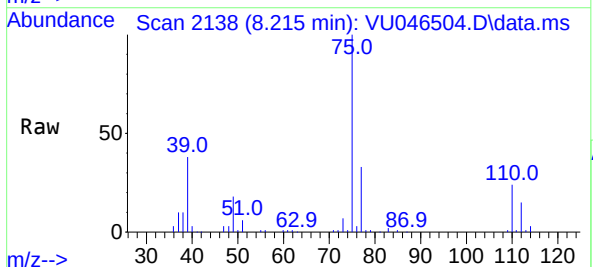
#42
Toluene
Concen: 47.569 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

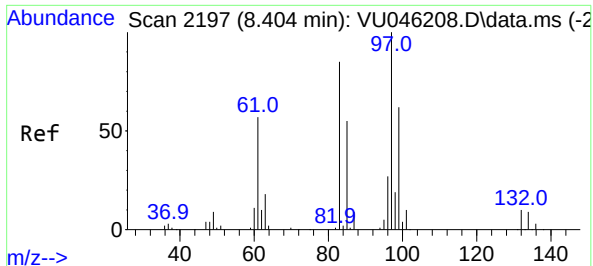
Tgt Ion: 91 Resp: 215838
Ion Ratio Lower Upper
91 100
92 58.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 48.482 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

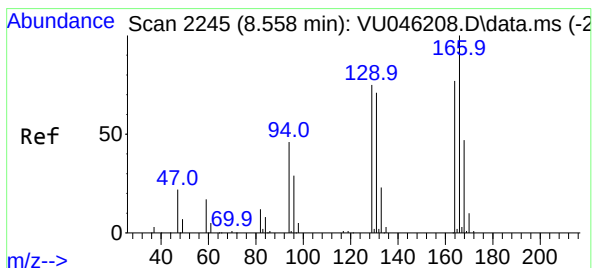
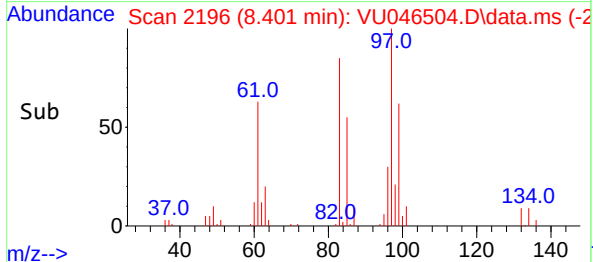
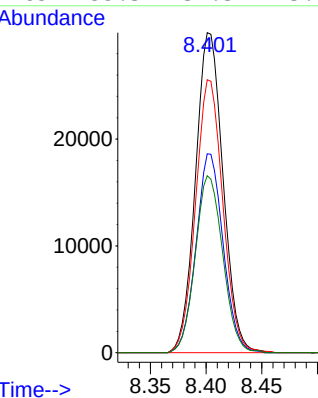
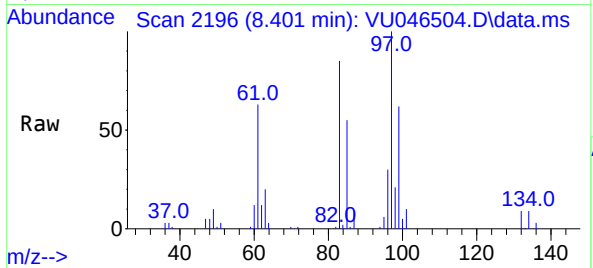
Tgt Ion: 75 Resp: 80242
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3





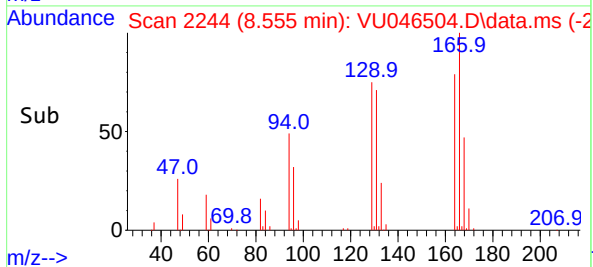
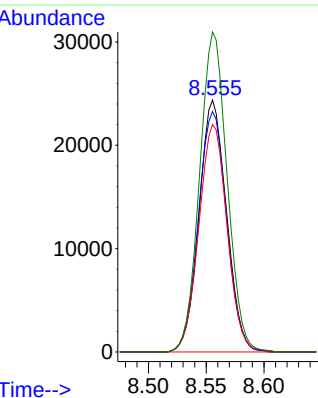
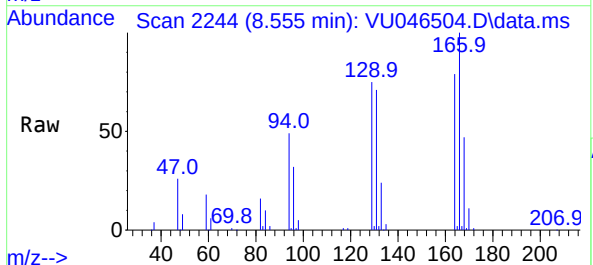
#45
1,1,2-Trichloroethane
Concen: 46.397 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

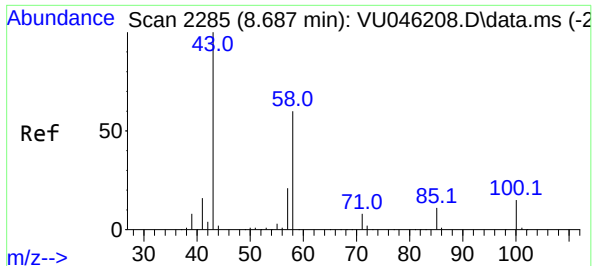
Tgt Ion:	97	Resp:	51562
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.7	82.9
83	85.3	60.2	111.8
85	55.3	39.3	73.1



#46
Tetrachloroethene
Concen: 49.235 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

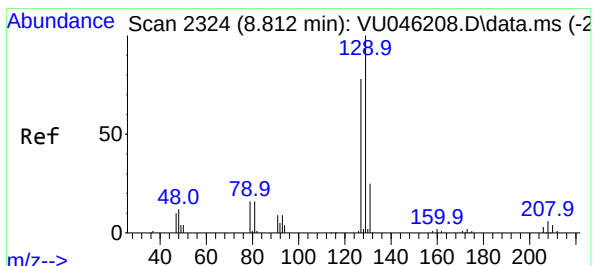
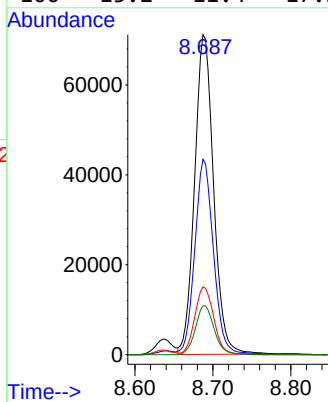
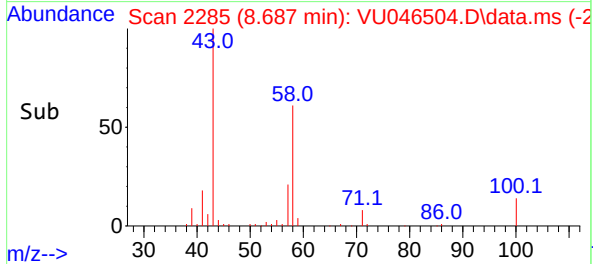
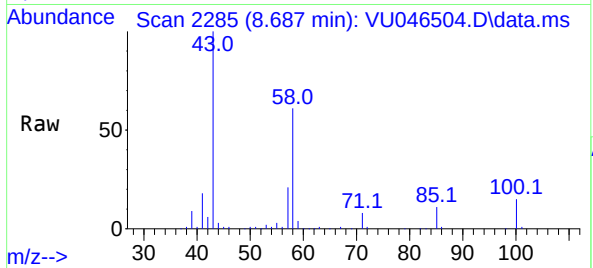
Tgt Ion:	164	Resp:	40306
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.1	132.1
131	90.3	67.8	126.0
166	127.0	90.6	168.2





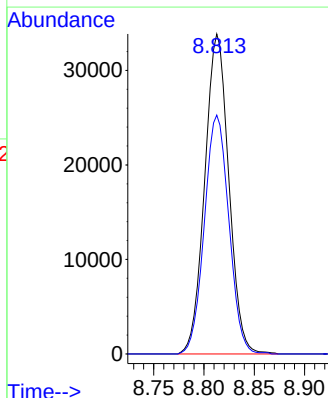
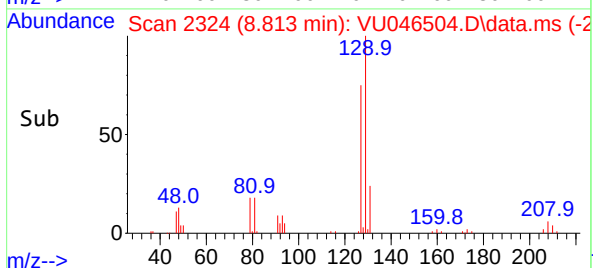
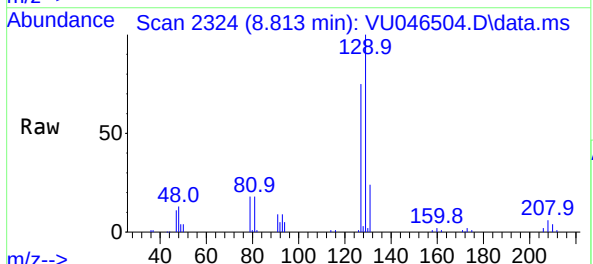
#48
2-Hexanone
Concen: 82.692 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

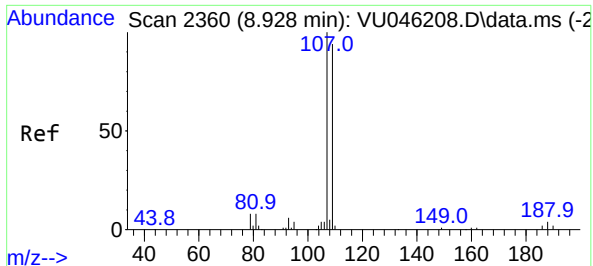
Tgt Ion: 43	Resp: 120360
Ion Ratio	Lower Upper
43 100	
58 59.7	47.4 71.2
57 21.0	16.6 25.0
100 15.2	11.4 17.2



#49
Dibromochloromethane
Concen: 48.298 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

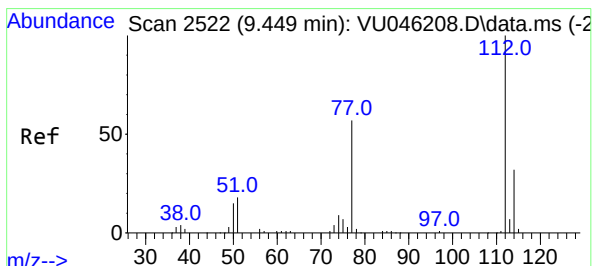
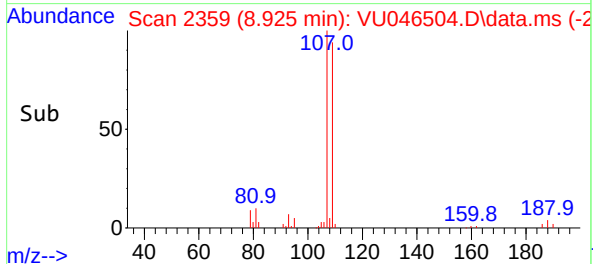
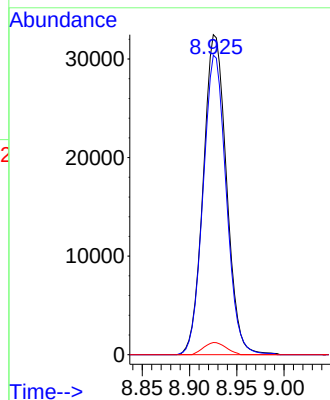
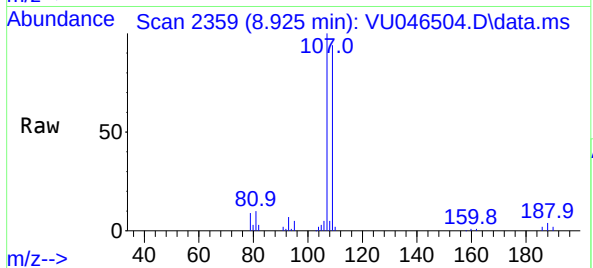
Tgt Ion:129	Resp: 56364
Ion Ratio	Lower Upper
129 100	
127 74.7	55.6 103.4





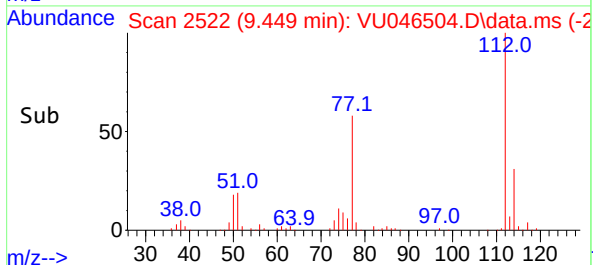
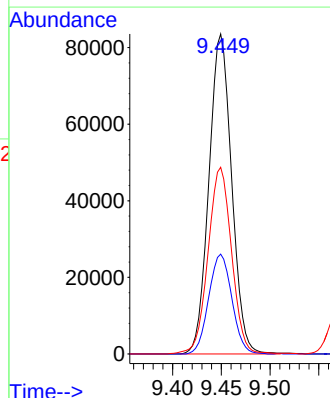
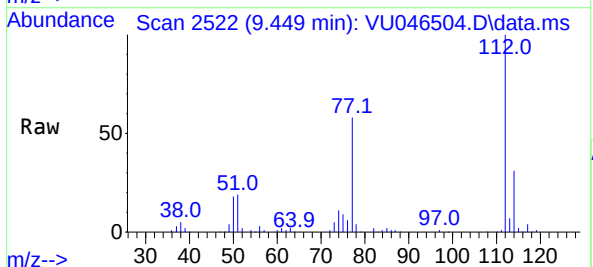
#50
1,2-Dibromoethane
Concen: 46.125 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

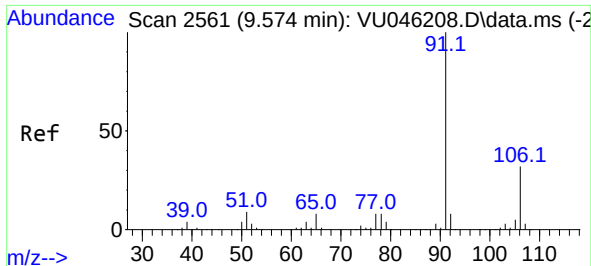
Tgt Ion:107 Resp: 55574
Ion Ratio Lower Upper
107 100
109 93.6 64.9 120.5
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 46.150 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

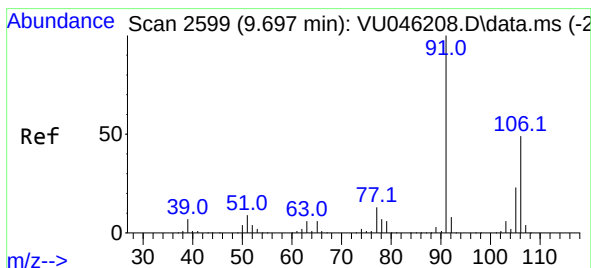
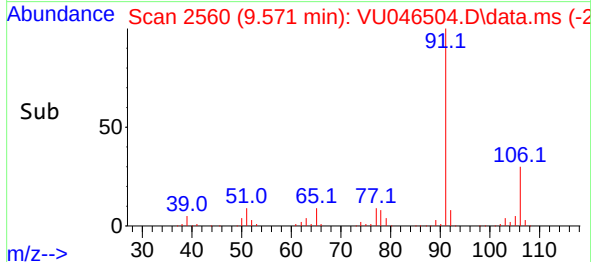
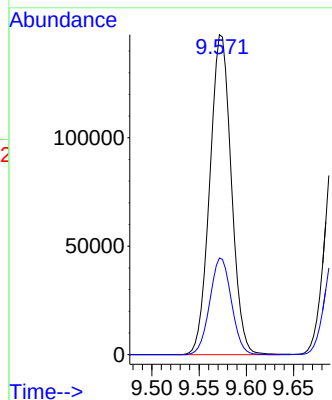
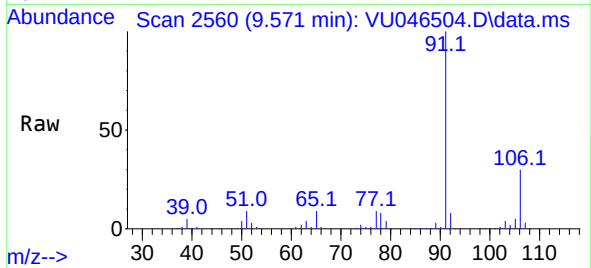
Tgt Ion:112 Resp: 135474
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 58.3 47.4 71.0





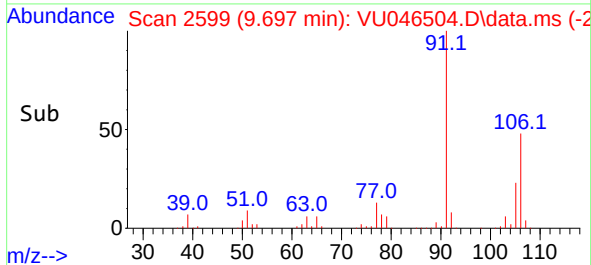
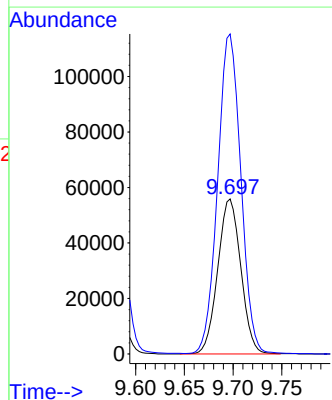
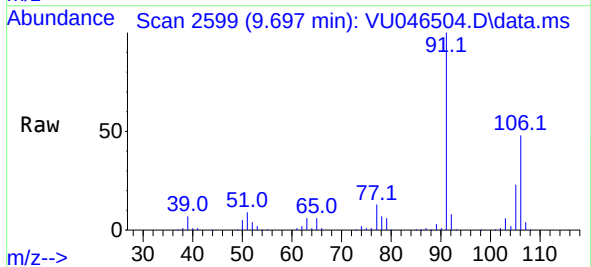
#52
Ethylbenzene
Concen: 47.818 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

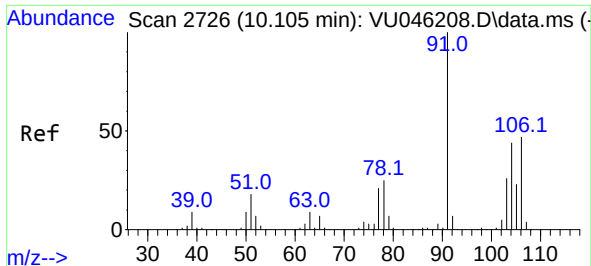
Tgt Ion: 91 Resp: 233506
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 48.305 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

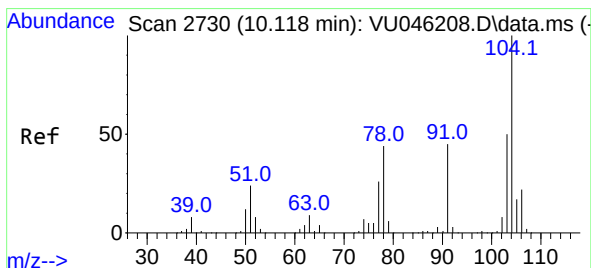
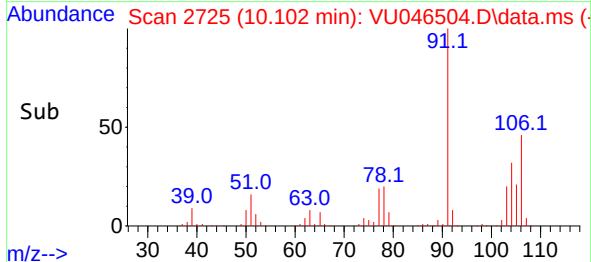
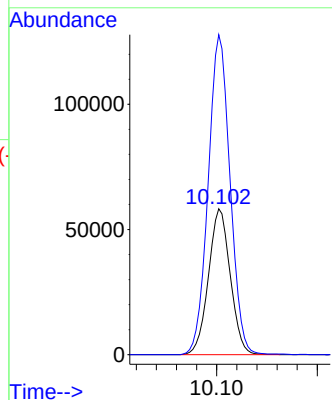
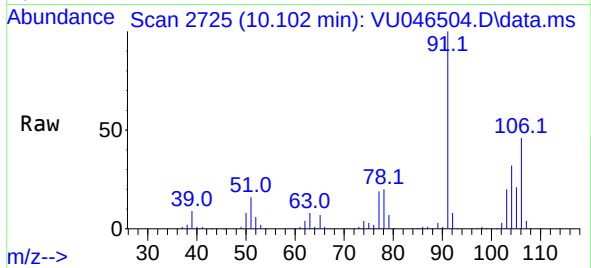
Tgt Ion: 106 Resp: 91992
Ion Ratio Lower Upper
106 100
91 206.3 144.3 268.1





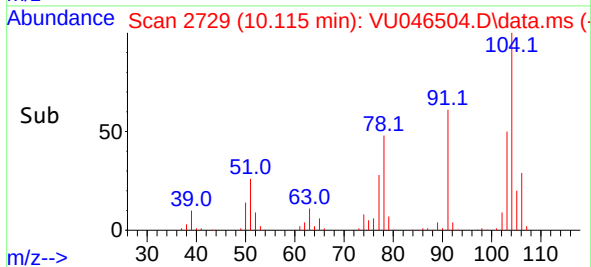
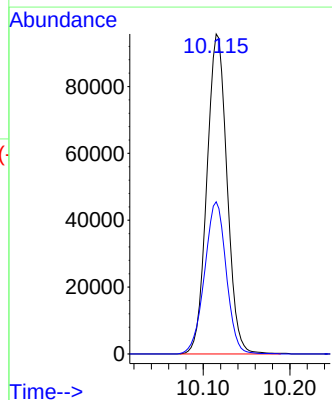
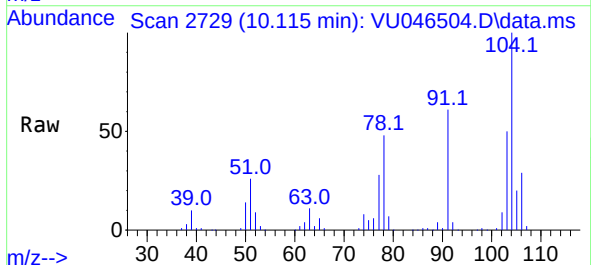
#54
o-xylene
Concen: 47.535 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

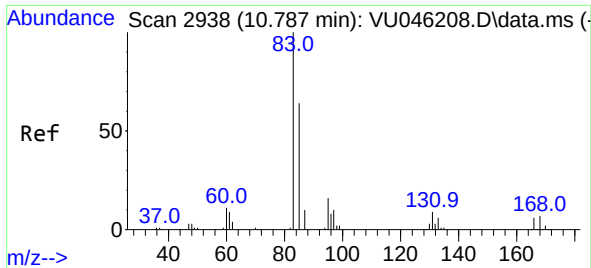
Tgt Ion:106 Resp: 87839
Ion Ratio Lower Upper
106 100
91 219.2 154.2 286.4



#55
Styrene
Concen: 49.032 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

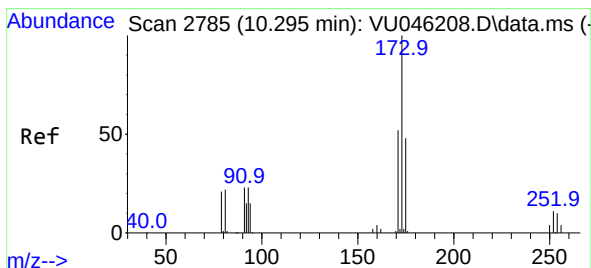
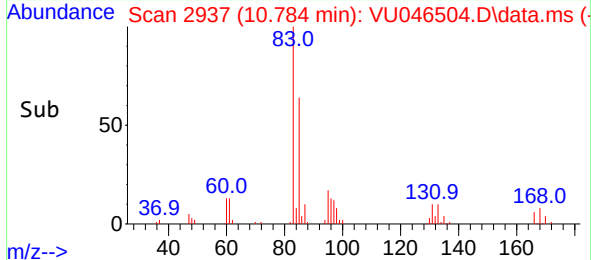
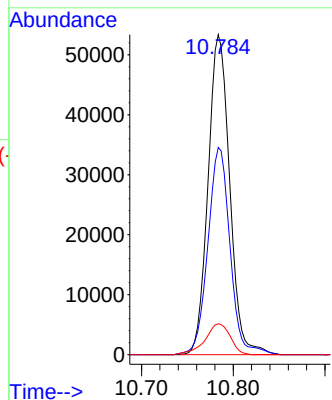
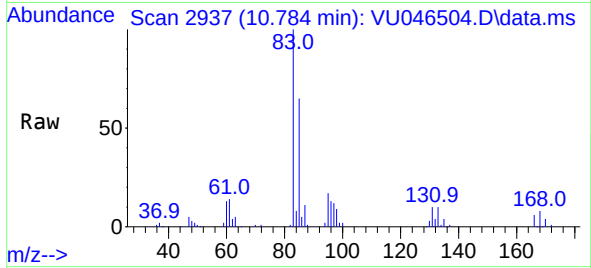
Tgt Ion:104 Resp: 154689
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.5





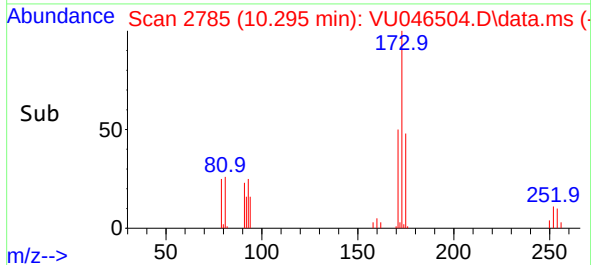
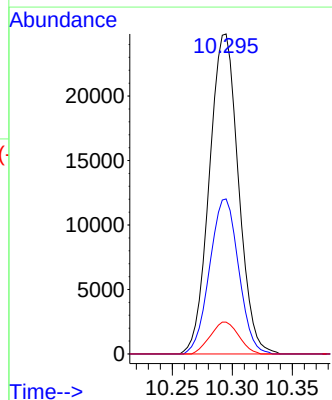
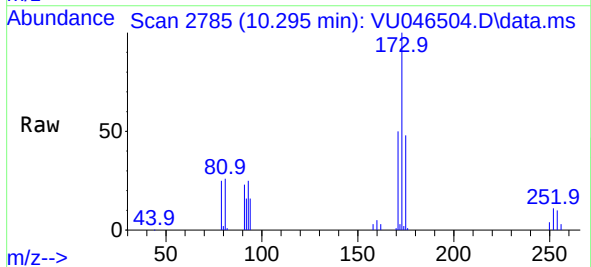
#57
1,1,2,2-Tetrachloroethane
Concen: 45.957 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

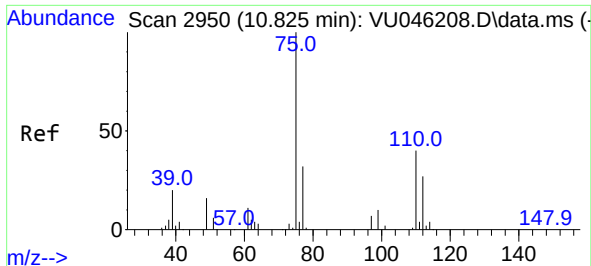
Tgt Ion:	83	Resp:	87562
Ion Ratio	Lower	Upper	
83	100		
85	64.8	45.6	84.6
131	9.6	7.8	11.6



#59
Bromoform
Concen: 45.554 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

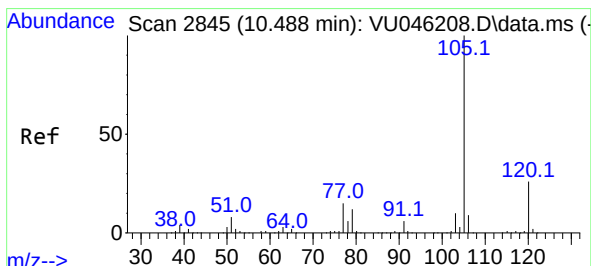
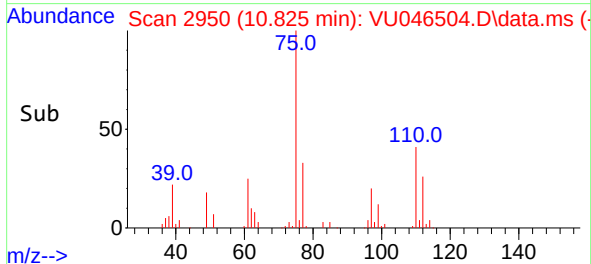
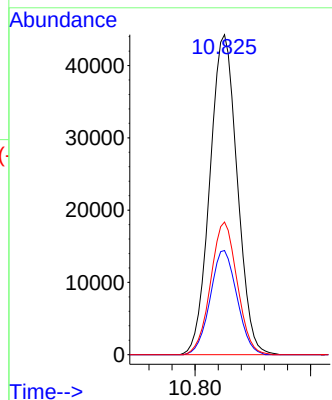
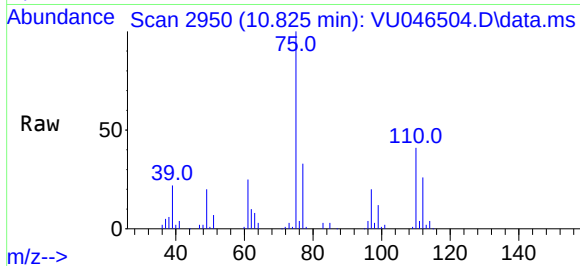
Tgt Ion:	173	Resp:	41778
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.2	58.8
254	9.7	7.4	11.2





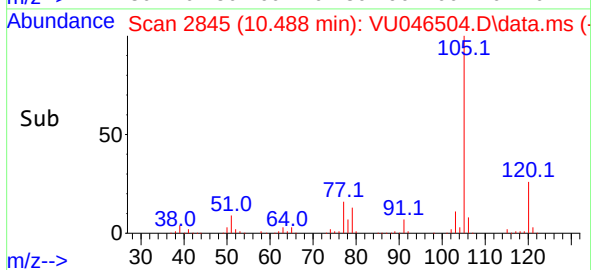
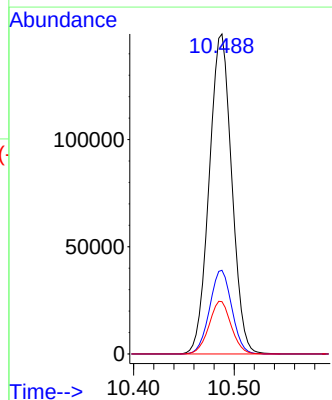
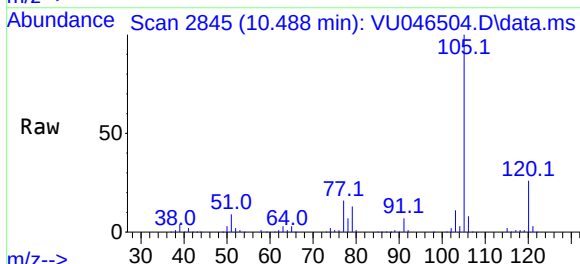
#60
1,2,3-Trichloropropane
Concen: 42.475 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

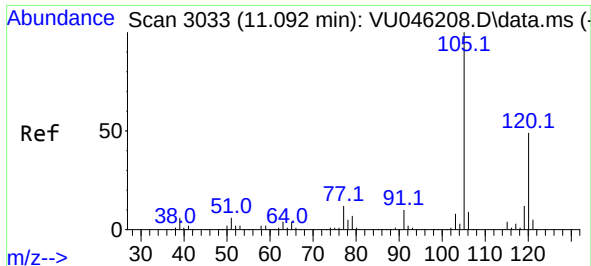
Tgt Ion:	75	Resp:	72790
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6
110	40.2	32.4	48.6



#61
Isopropylbenzene
Concen: 45.686 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

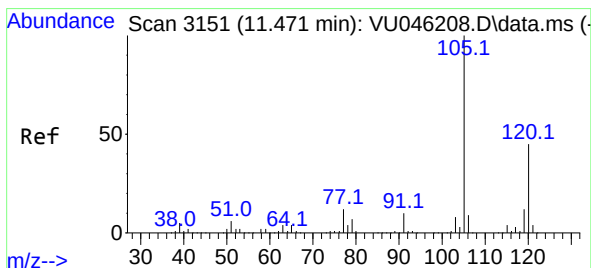
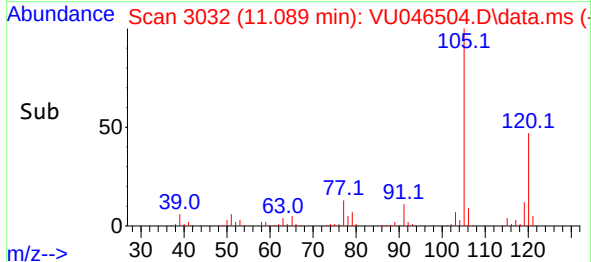
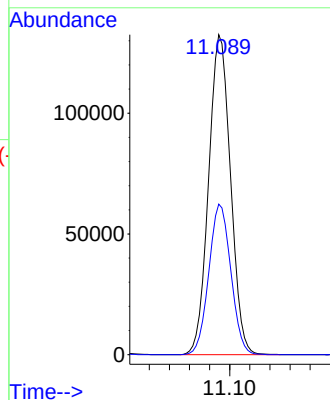
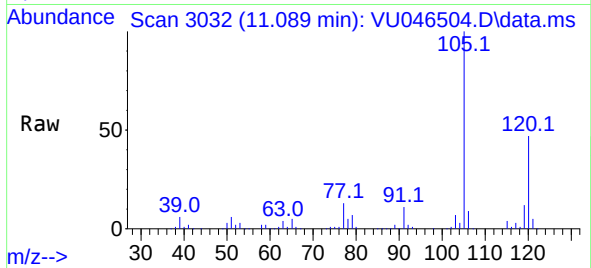
Tgt Ion:	105	Resp:	232385
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.7	31.1
77	16.2	12.2	18.4





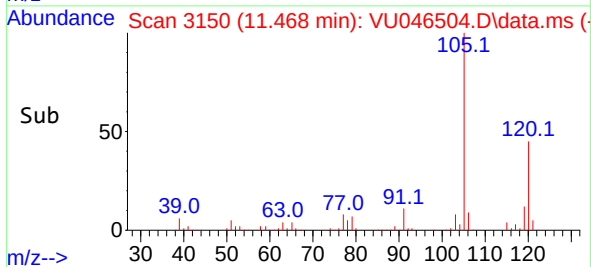
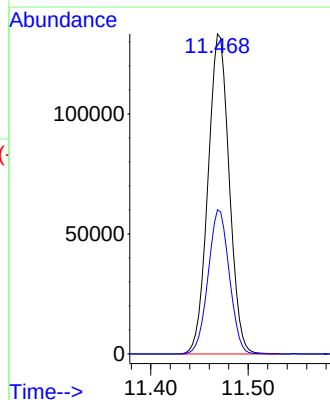
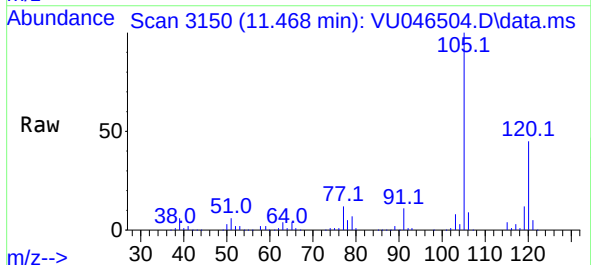
#62
1,3,5-Trimethylbenzene
Concen: 47.299 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

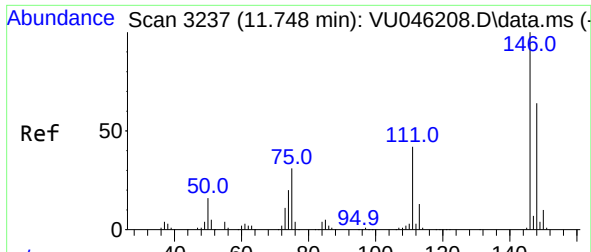
Tgt Ion:105 Resp: 200536
Ion Ratio Lower Upper
105 100
120 47.3 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 47.594 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

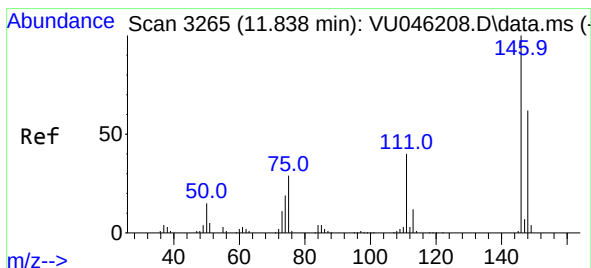
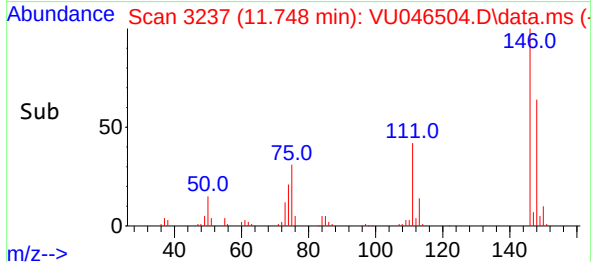
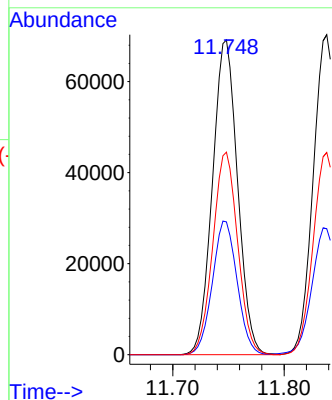
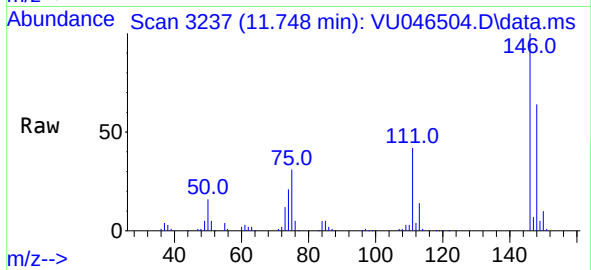
Tgt Ion:105 Resp: 201882
Ion Ratio Lower Upper
105 100
120 44.9 35.2 52.8





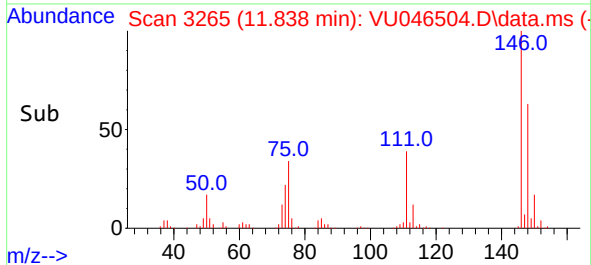
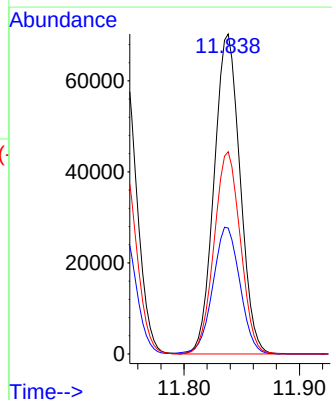
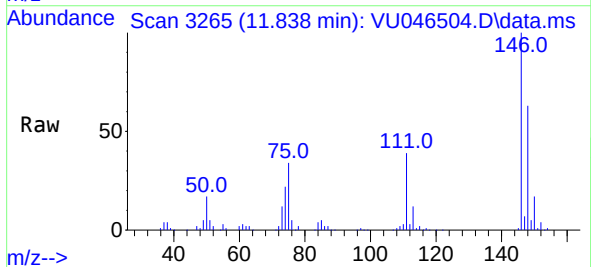
#64
1,3-Dichlorobenzene
Concen: 44.829 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

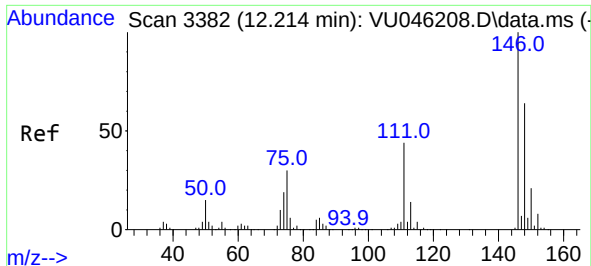
Tgt Ion:146 Resp: 108314
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 64.3 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 43.916 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

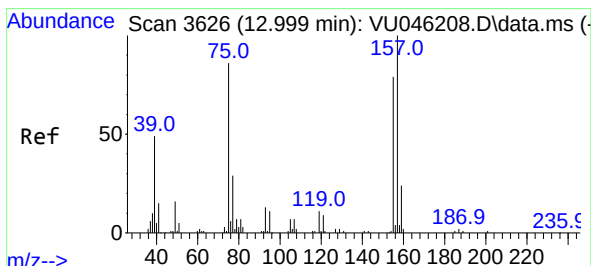
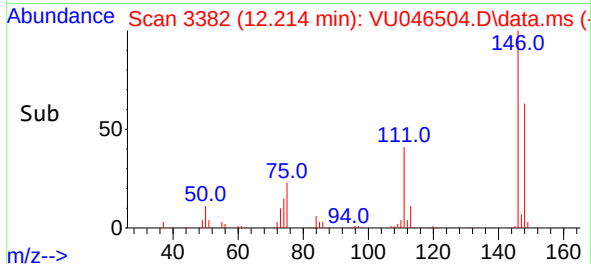
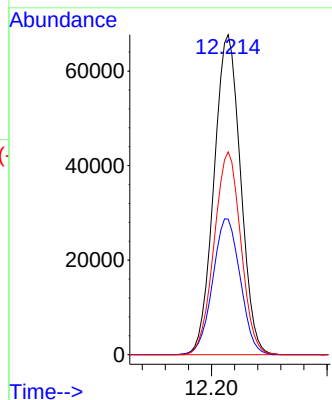
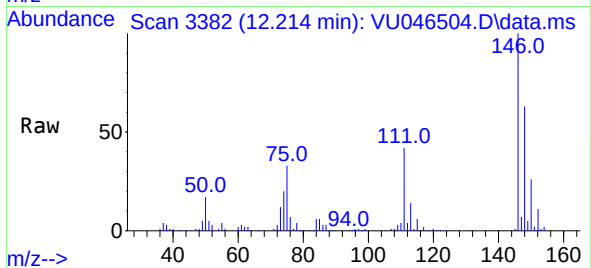
Tgt Ion:146 Resp: 109663
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 63.2 43.8 81.3





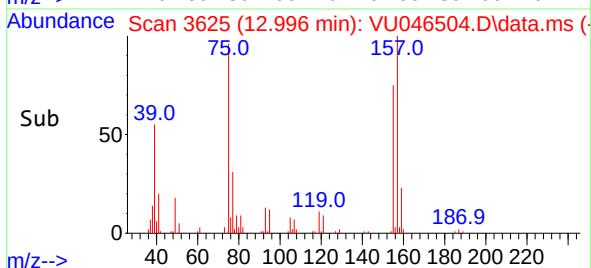
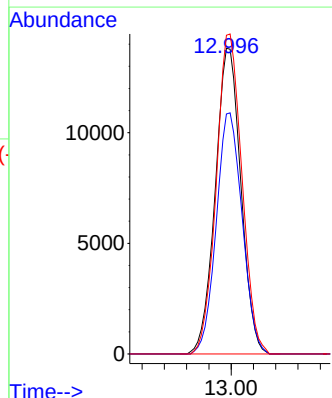
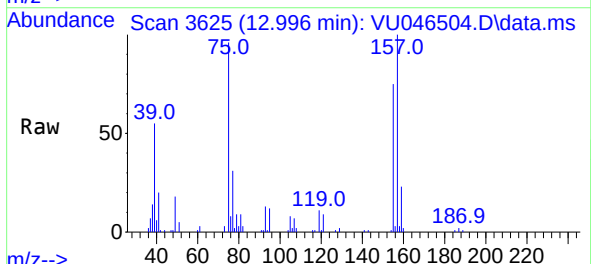
#67
1,2-Dichlorobenzene
Concen: 44.526 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

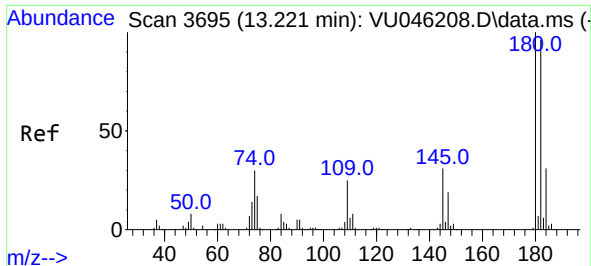
Tgt Ion:146 Resp: 108339
Ion Ratio Lower Upper
146 100
111 42.4 35.7 53.5
148 63.4 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 48.335 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

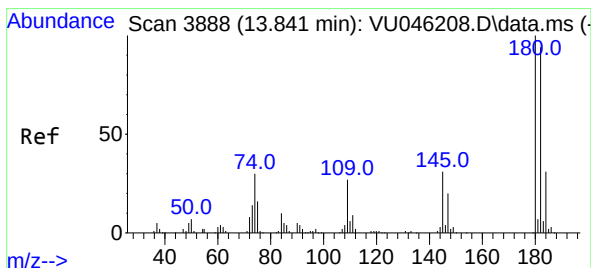
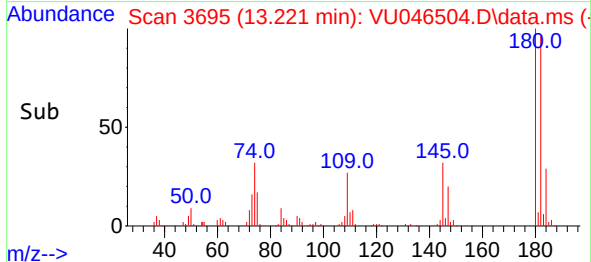
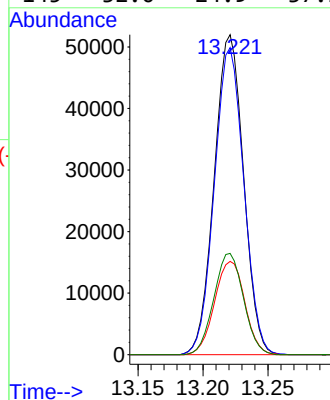
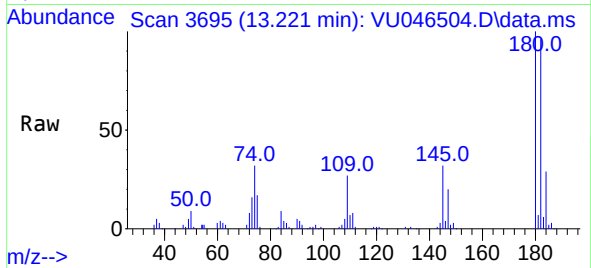
Tgt Ion: 75 Resp: 22067
Ion Ratio Lower Upper
75 100
155 78.5 64.9 97.3
157 104.3 81.9 122.9





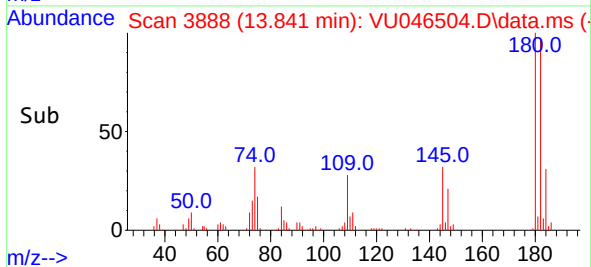
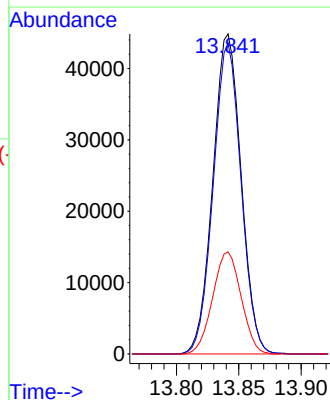
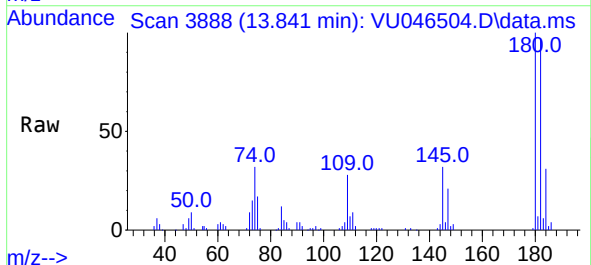
#69
1,3,5-Trichlorobenzene
Concen: 46.256 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

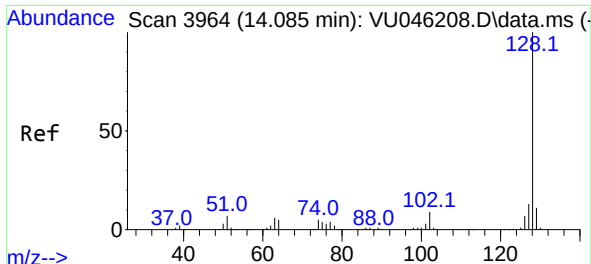
Tgt Ion:	180	Resp:	81435
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.9	113.9
184	30.2	24.2	36.4
145	32.0	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 45.308 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

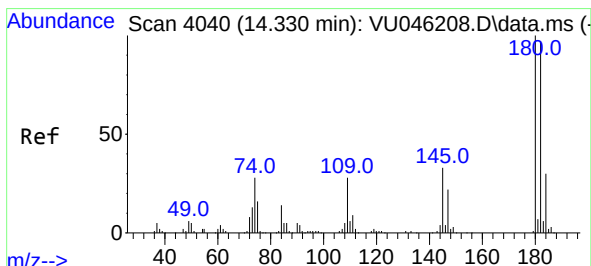
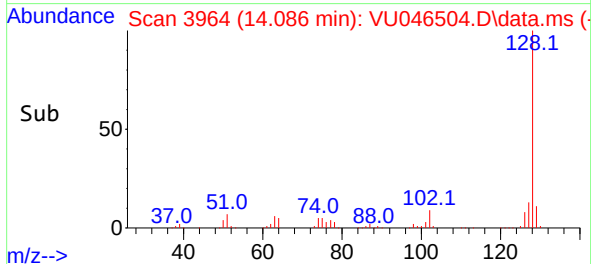
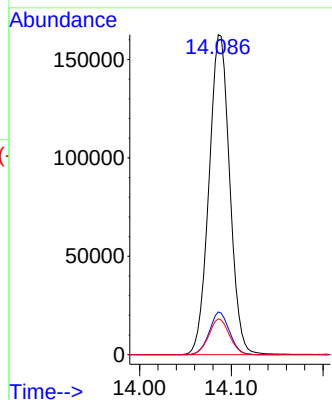
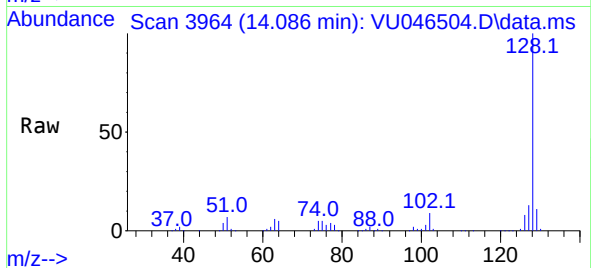
Tgt Ion:	180	Resp:	70783
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.7	115.1
145	32.1	26.0	39.0





#71
Naphthalene
Concen: 46.936 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion:128 Resp: 255165
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.366 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046504.D
Acq: 20 Dec 2021 11:20

Tgt Ion:180 Resp: 75460
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 33.4 27.3 40.9

