

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046523.D
 Acq On : 21 Dec 2021 12:18
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 13:56:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6458	0.951	ug/L	0.01
7) Chloroethane-d5	1.922	69	5121	1.036	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.575	65	2657	0.944	ug/L	0.01
20) 2-Butanone-d5	4.671	46	18000	9.876	ug/L	0.02
24) Chloroform-d	5.070	84	11733	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	6729	1.002	ug/L	0.00
32) Benzene-d6	5.732	84	21787	0.940	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	6660	0.918	ug/L	0.00
41) Toluene-d8	7.899	98	19812	0.943	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3055	1.014	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	15800	10.912	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	6655	1.059	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	7311	1.013	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	10641	1.285	ug/L	98
3) Chloromethane	1.523	50	10709	1.298	ug/L	100
5) Vinyl chloride	1.607	62	9896	1.203	ug/L	98
6) Bromomethane	1.864	94	5998	1.227	ug/L	98
8) Chloroethane	1.941	64	6246	1.322	ug/L	98
9) Trichlorofluoromethane	2.147	101	12615	1.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	6150	1.025	ug/L	97
12) 1,1-Dichloroethene	2.588	96	6772	1.173	ug/L	82
13) Acetone	2.694	43	10595	8.896	ug/L	66
14) Carbon disulfide	2.800	76	21633	1.168	ug/L	99
15) Methyl Acetate	2.973	43	2443	0.833	ug/L #	88
16) Methylene chloride	3.054	84	9024	1.079	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	19384	1.236	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	7058	1.130	ug/L	99
19) 1,1-Dichloroethane	3.877	63	13961	1.200	ug/L	97
21) 2-Butanone	4.745	43	25294	12.569	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	7958	1.178	ug/L	96
23) Bromochloromethane	4.983	128	3977	1.309	ug/L	86
25) Chloroform	5.096	83	14930	1.185	ug/L	95
27) 1,2-Dichloroethane	5.800	62	10668	1.286	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	12249	1.194	ug/L	97
30) Cyclohexane	5.395	56	9007	0.929	ug/L	97
31) Carbon tetrachloride	5.530	117	10242	1.196	ug/L	99
33) Benzene	5.780	78	29937	1.159	ug/L	100
34) Trichloroethene	6.546	95	8125	1.212	ug/L	93
35) Methylcyclohexane	6.768	83	9076	0.900	ug/L	97
37) 1,2-Dichloropropane	6.793	63	7642	1.126	ug/L #	97
38) Bromodichloromethane	7.108	83	10985	1.285	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	11111	1.137	ug/L	95
40) 4-Methyl-2-pentanone	7.796	43	57111	12.424	ug/L	99
42) Toluene	7.970	91	29615	1.116	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	10824	1.255	ug/L	98

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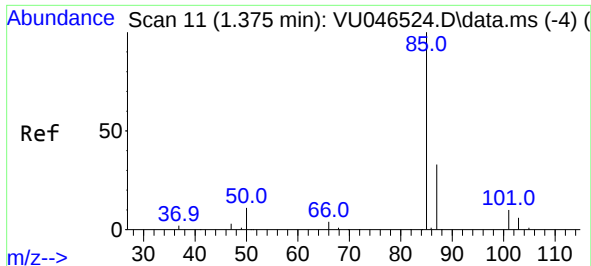
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	7056	1.350	ug/L	94
47) Tetrachloroethene	8.555	164	5366	1.154	ug/L	96
48) 2-Hexanone	8.690	43	42978	12.984	ug/L	96
49) Dibromochloromethane	8.812	129	7795	1.311	ug/L	99
50) 1,2-Dibromoethane	8.928	107	6504	1.321	ug/L #	93
51) Chlorobenzene	9.449	112	19342	1.165	ug/L	97
52) Ethylbenzene	9.571	91	28533	1.033	ug/L	99
53) m,p-Xylene	9.697	106	10561	1.003	ug/L	95
54) o-Xylene	10.102	106	10042	0.981	ug/L	82
55) Styrene	10.115	104	17746	1.026	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	8618	1.293	ug/L	96
59) Bromoform	10.295	173	4293	1.322	ug/L	99
60) Isopropylbenzene	10.484	105	26181	0.991	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	6615	1.342	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	19876	0.913	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	19768	0.905	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	13438	1.085	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	13879	1.103	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	13413	1.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	1548	1.463	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	9750	1.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7754	0.985	ug/L	97
71) Naphthalene	14.089	128	16744	0.998	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	8140	1.035	ug/L	100

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

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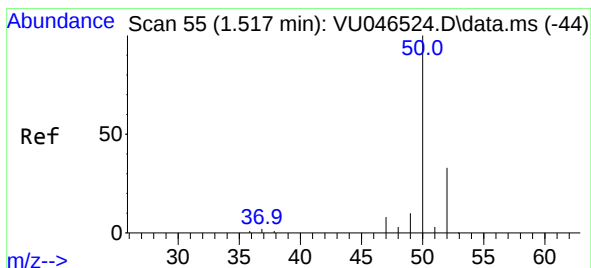
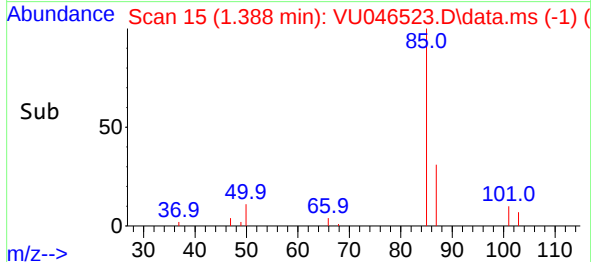
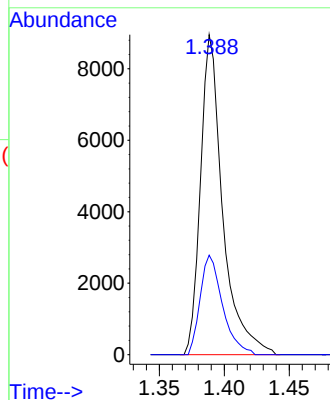
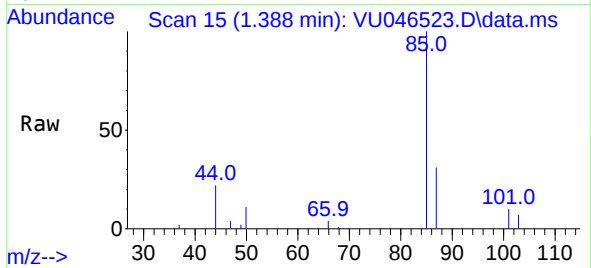




#2
Dichlorodifluoromethane
Concen: 1.285 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

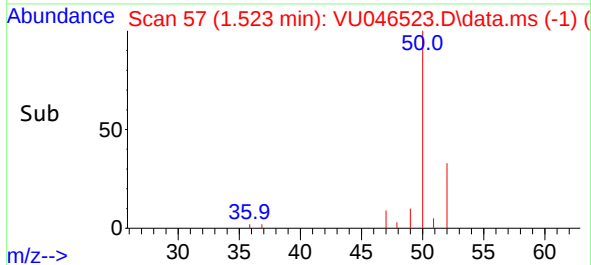
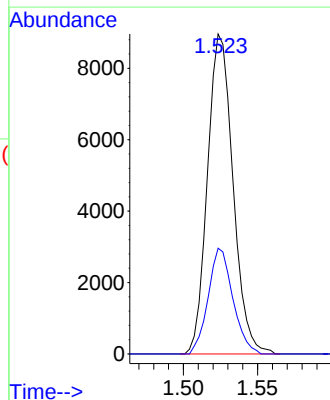
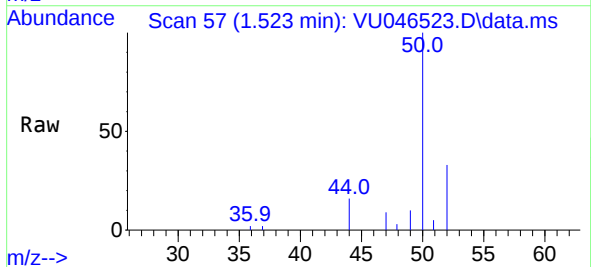
Instrument :
MSVOA_U
ClientSampleId :

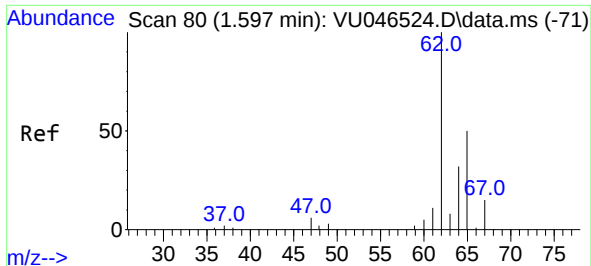
Tgt Ion: 85 Resp: 10641
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6



#3
Chloromethane
Concen: 1.298 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 50 Resp: 10709
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8

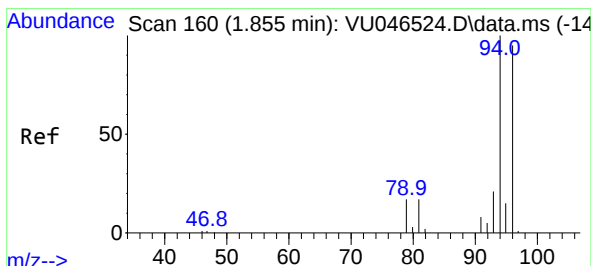
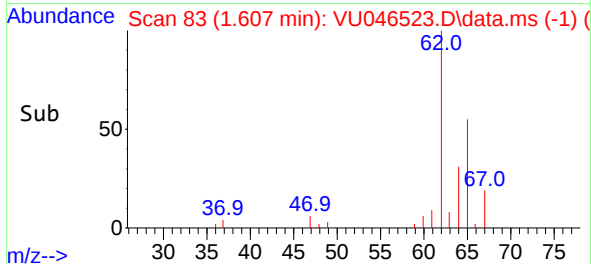
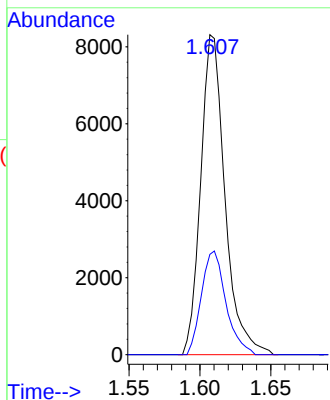
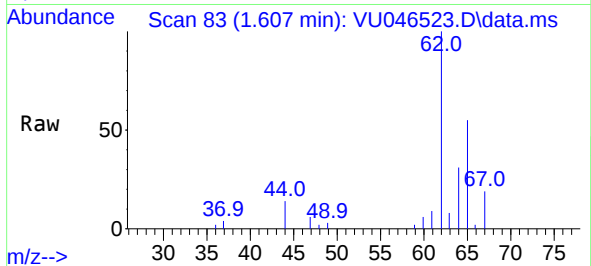




#5
 Vinyl chloride
 Concen: 1.203 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VU046523.D
 Acq: 21 Dec 2021 12:18

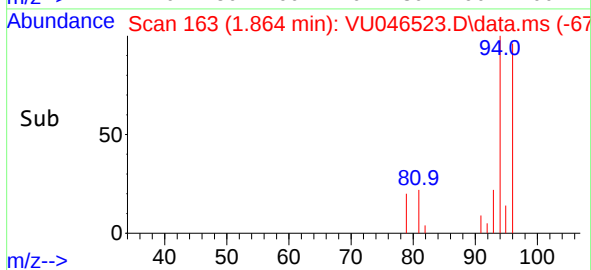
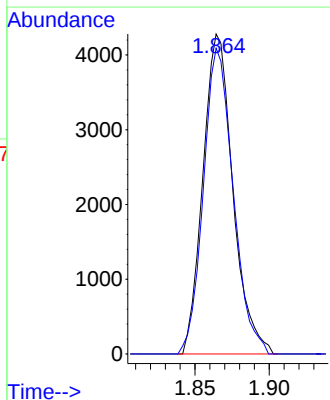
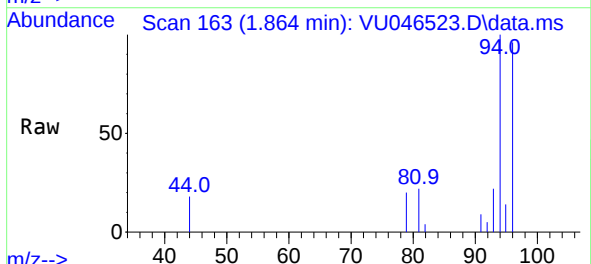
Instrument :
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 ClientSampleId :

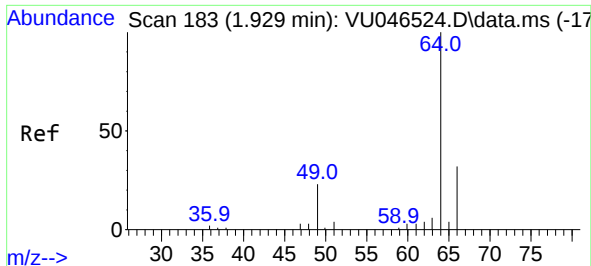
Tgt Ion: 62 Resp: 9896
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.9 42.5



#6
 Bromomethane
 Concen: 1.227 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046523.D
 Acq: 21 Dec 2021 12:18

Tgt Ion: 94 Resp: 5998
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.5 121.6

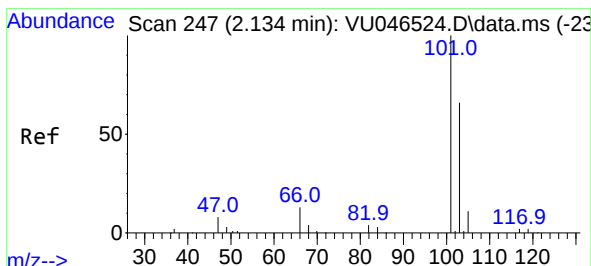
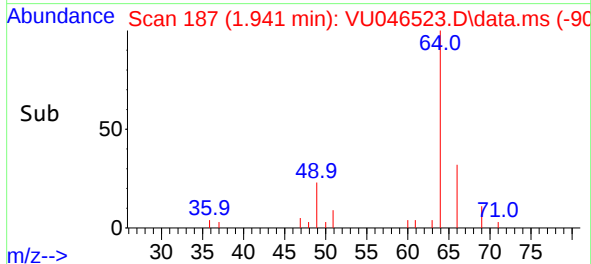
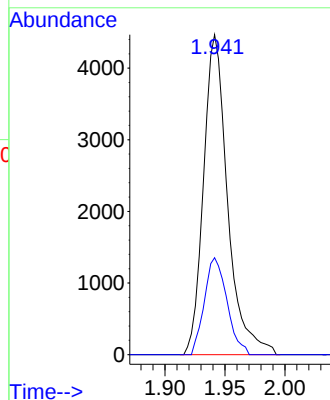
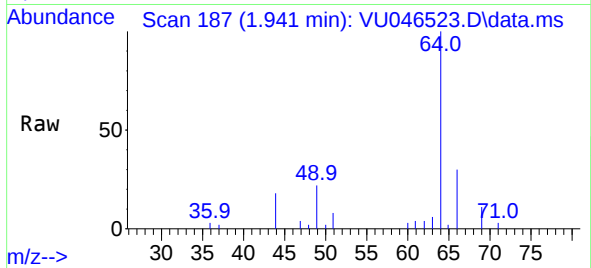




#8
Chloroethane
Concen: 1.322 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

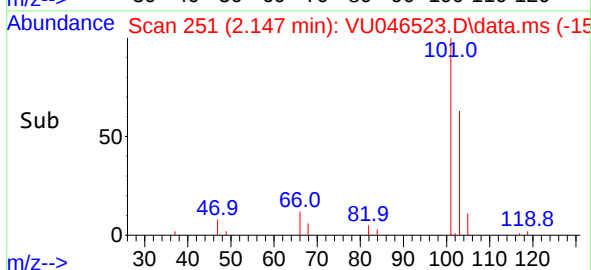
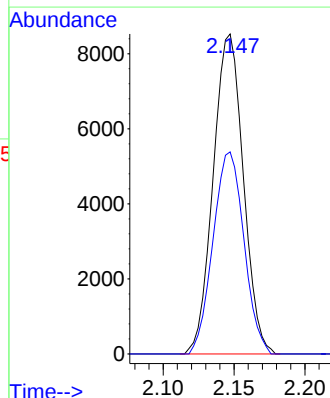
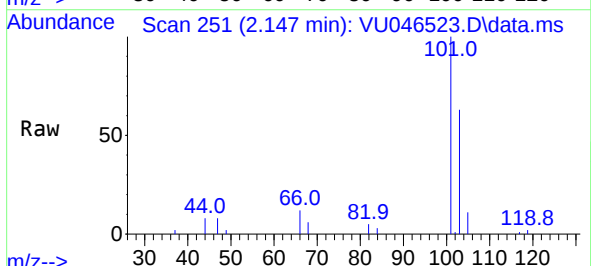
Instrument :
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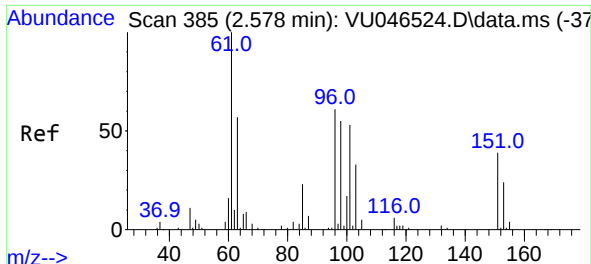
Tgt Ion: 64 Resp: 6246
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 1.191 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 101 Resp: 12615
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

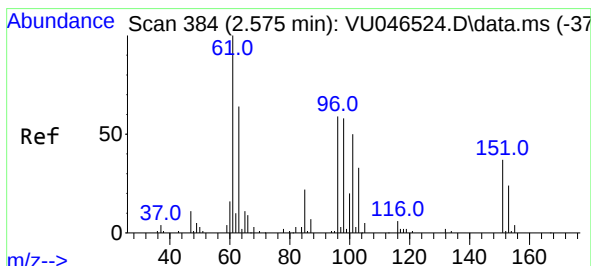
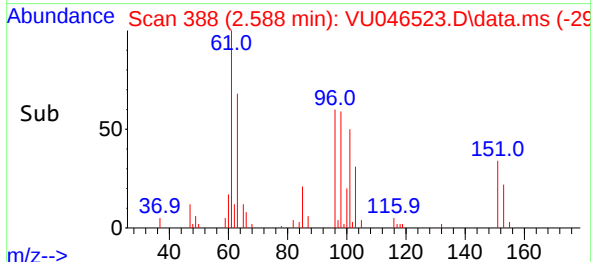
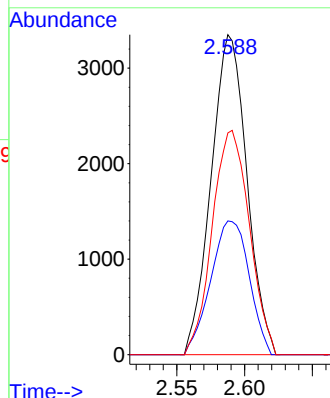
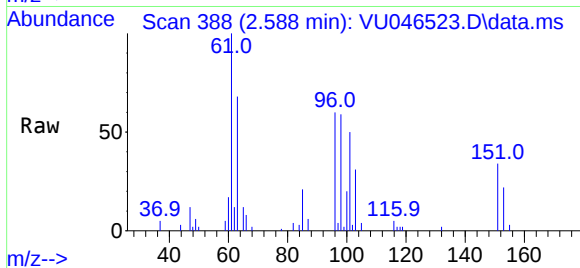




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.025 ug/L
RT: 2.588 min Scan# 385
Delta R.T. 0.010 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

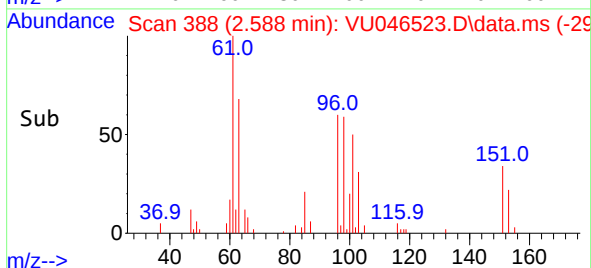
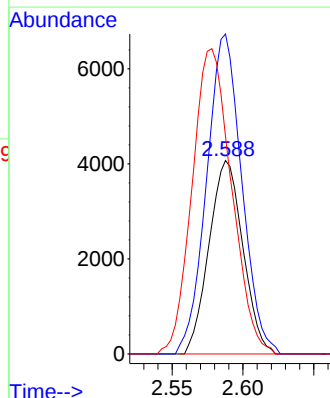
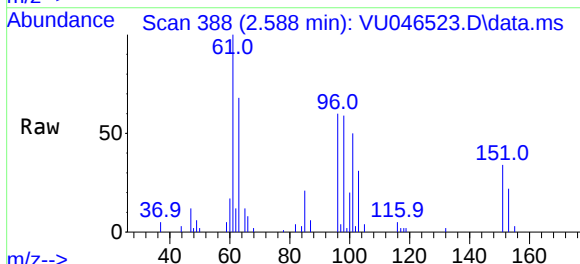
Instrument :
MSVOA_U
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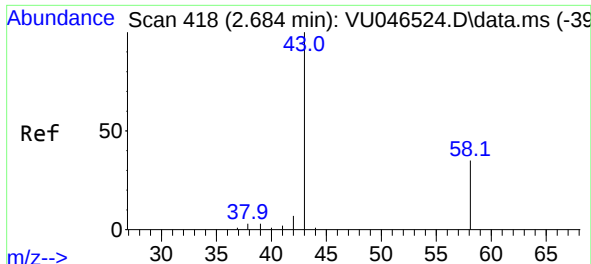
Tgt Ion:101 Resp: 6150
Ion Ratio Lower Upper
101 100
85 44.9 34.6 51.8
151 72.8 56.1 84.1



#12
1,1-Dichloroethene
Concen: 1.173 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 96 Resp: 6772
Ion Ratio Lower Upper
96 100
61 165.4 124.7 231.5
63 112.6 105.2 195.4





#13

Acetone

Concen: 8.896 ug/L

RT: 2.694 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

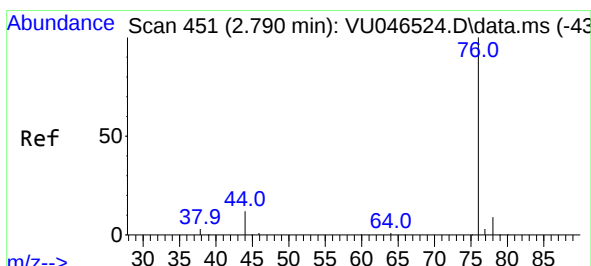
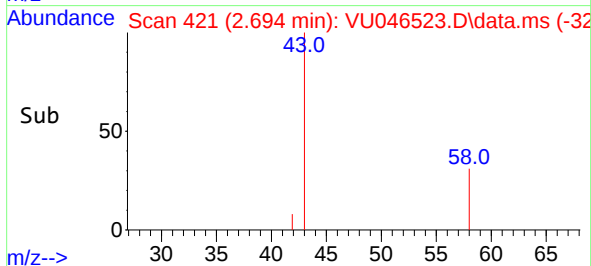
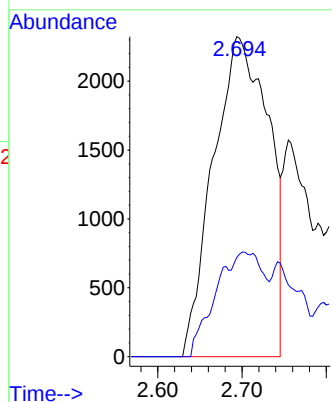
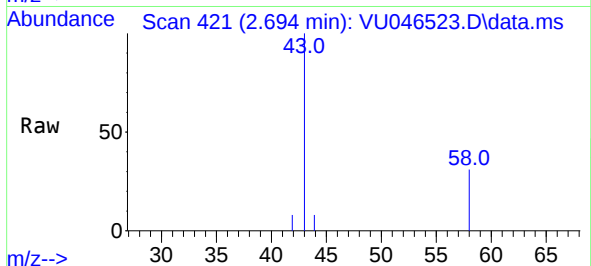
ClientSampleId :

Tgt Ion: 43 Resp: 10595

Ion Ratio Lower Upper

43 100

58 15.9 0.0 71.6



#14

Carbon disulfide

Concen: 1.168 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.010 min

Lab File: VU046523.D

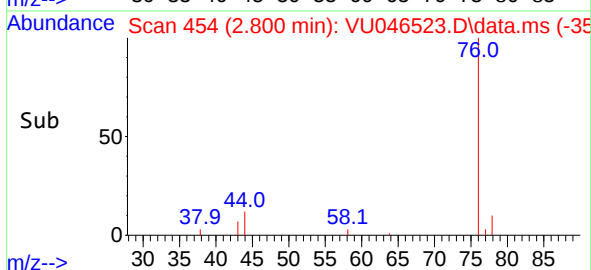
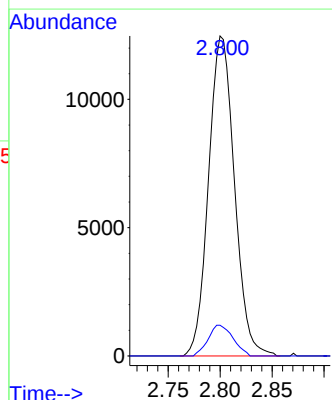
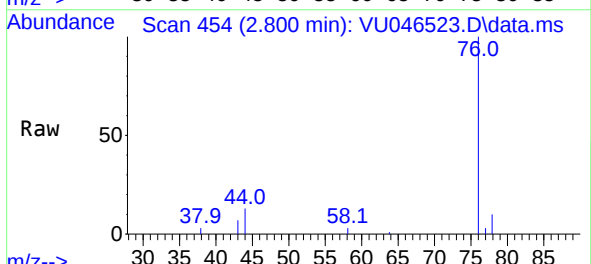
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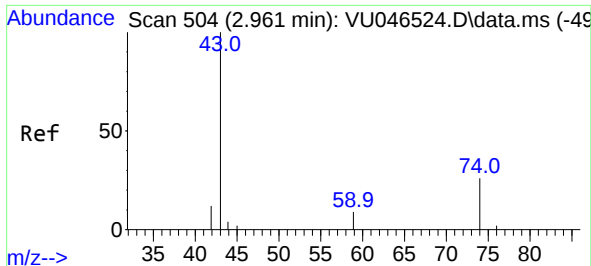
Tgt Ion: 76 Resp: 21633

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

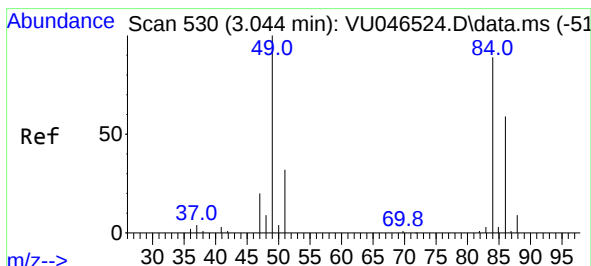
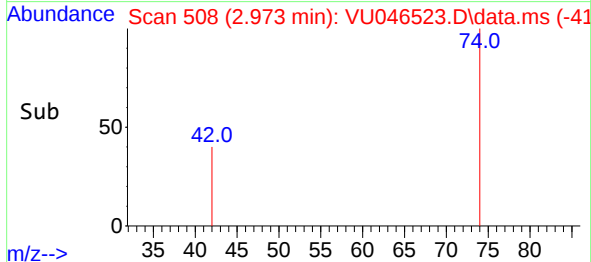
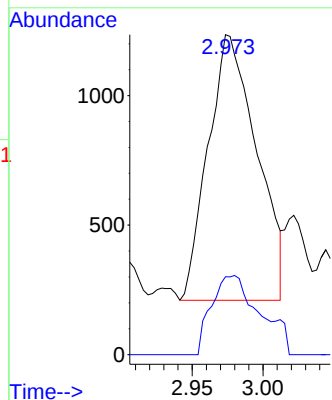
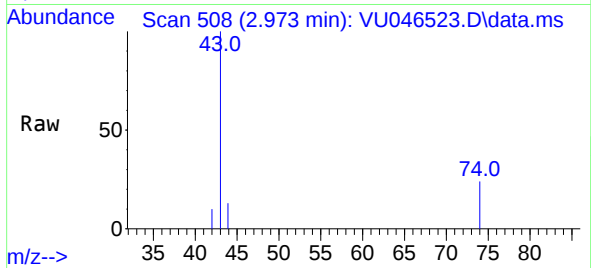




#15
Methyl Acetate
Concen: 0.833 ug/L
RT: 2.973 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

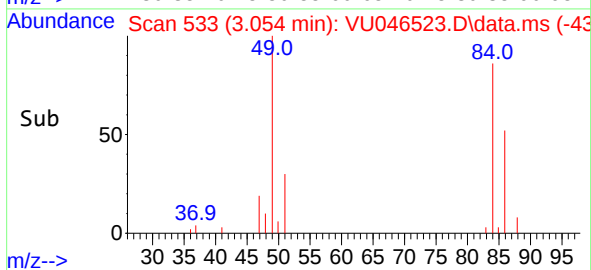
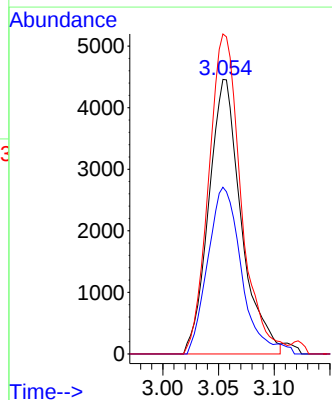
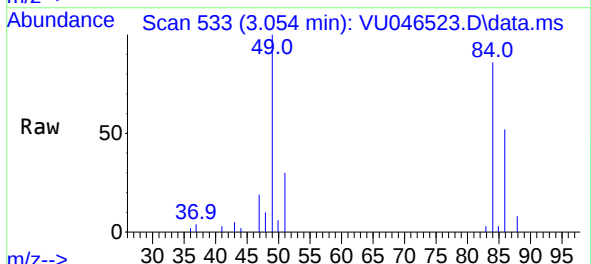
Instrument :
MSVOA_U
ClientSampleId :

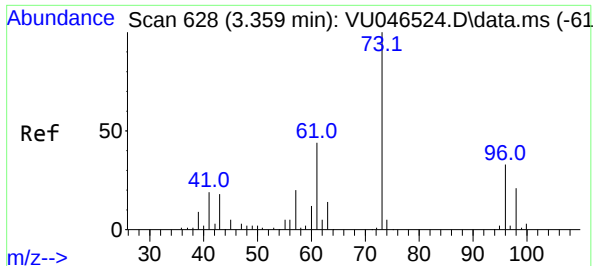
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
74 29.7 19.1 28.7#



#16
Methylene chloride
Concen: 1.079 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

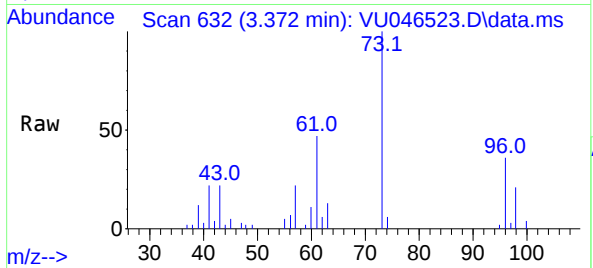
Tgt Ion: 84 Resp: 9024
Ion Ratio Lower Upper
84 100
86 60.7 45.8 85.0
49 116.6 84.5 156.9



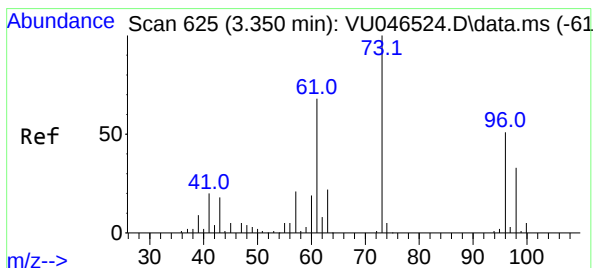
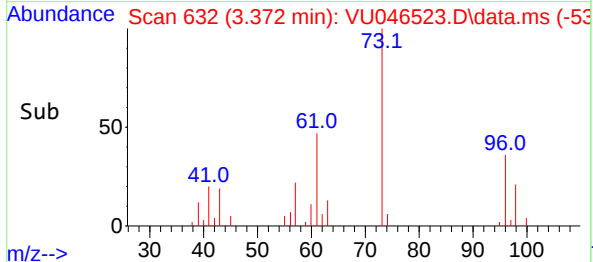
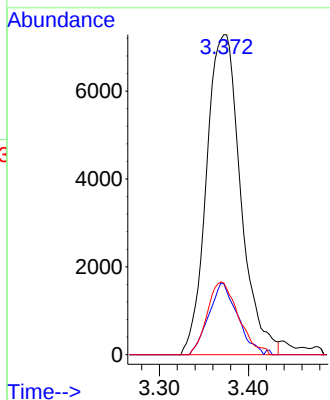


#17
Methyl tert-butyl Ether
Concen: 1.236 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :

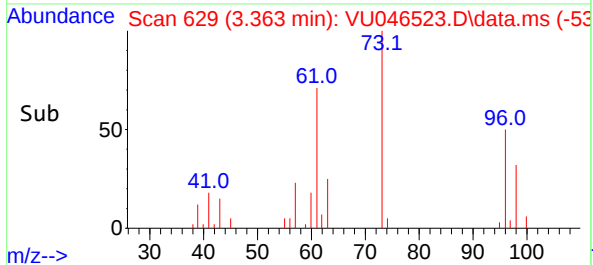
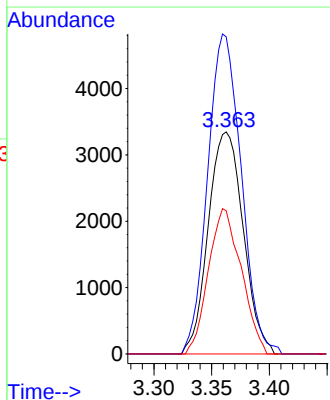
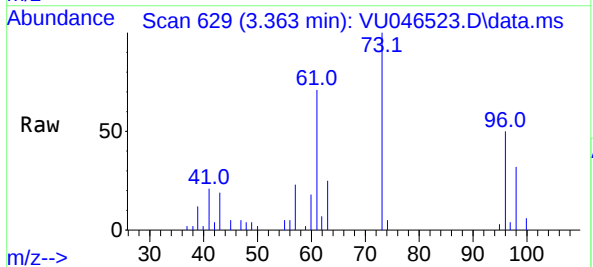


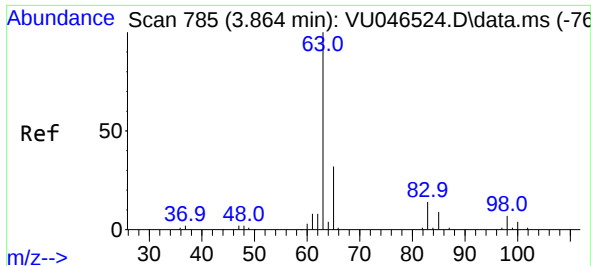
Tgt Ion: 73 Resp: 19384
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2
57 20.8 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 1.130 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

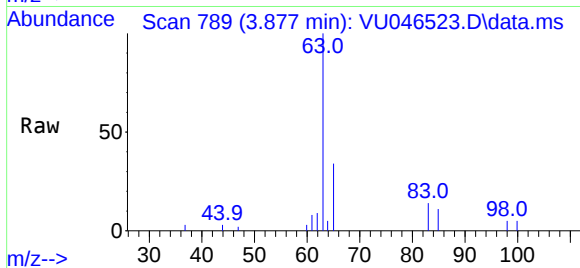
Tgt Ion: 96 Resp: 7058
Ion Ratio Lower Upper
96 100
61 142.8 100.8 187.2
98 64.5 45.1 83.7





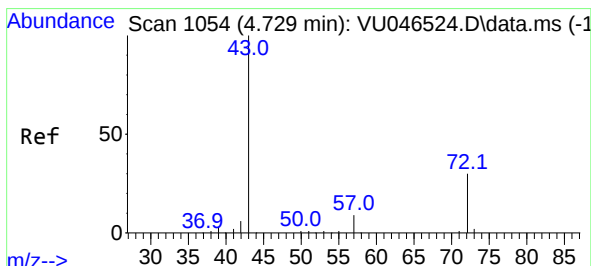
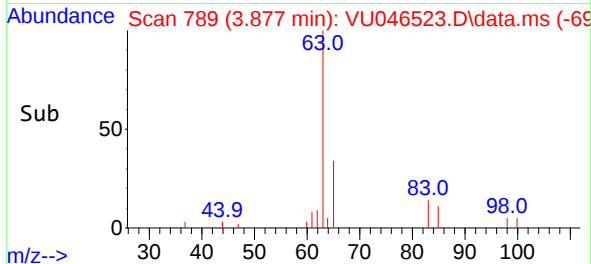
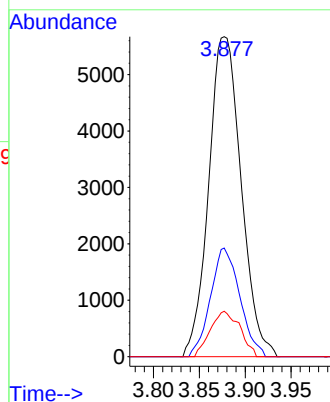
#19
1,1-Dichloroethane
Concen: 1.200 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.013 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 13961

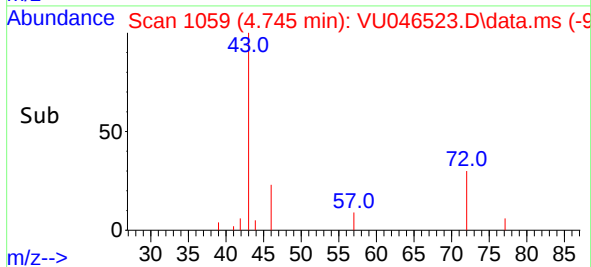
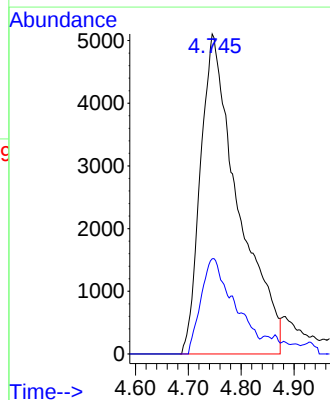
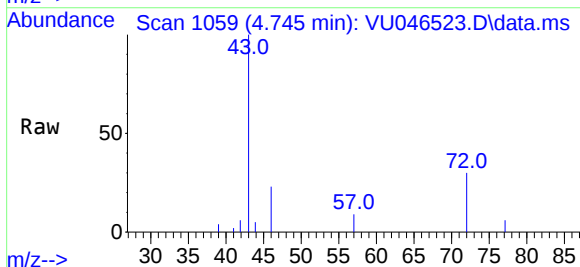
Ion	Ratio	Lower	Upper
63	100		
65	34.0	22.3	41.5
83	14.2	9.6	17.8

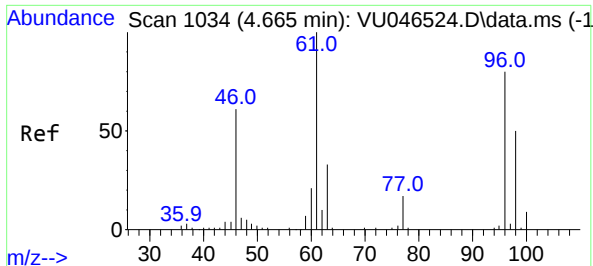


#21
2-Butanone
Concen: 12.569 ug/L
RT: 4.745 min Scan# 1059
Delta R.T. 0.016 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 43 Resp: 25294

Ion	Ratio	Lower	Upper
43	100		
72	26.4	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 1.178 ug/L

RT: 4.674 min Scan# 1034

Delta R.T. 0.010 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

ClientSampleId :

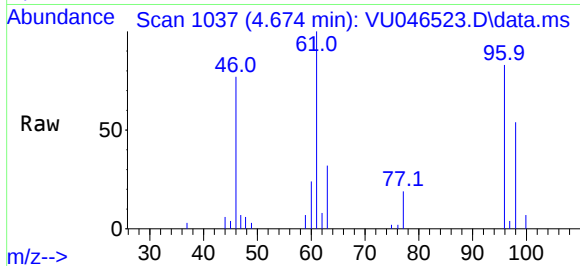
Tgt Ion: 96 Resp: 7958

Ion Ratio Lower Upper

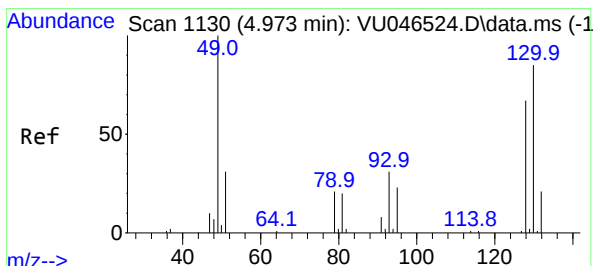
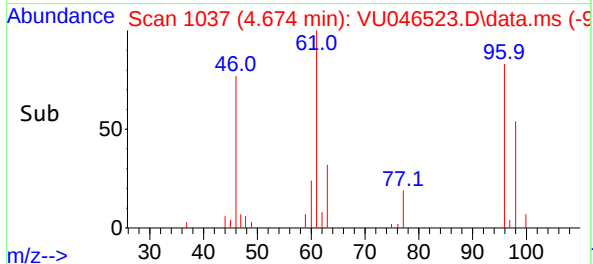
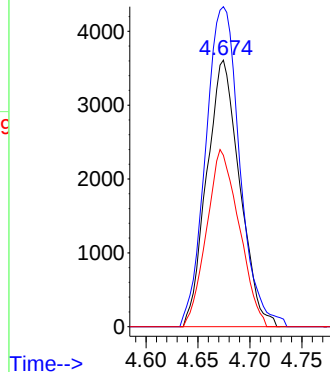
96 100

61 120.1 88.5 164.3

98 64.3 44.4 82.5



Abundance



#23

Bromochloromethane

Concen: 1.309 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Tgt Ion: 128 Resp: 3977

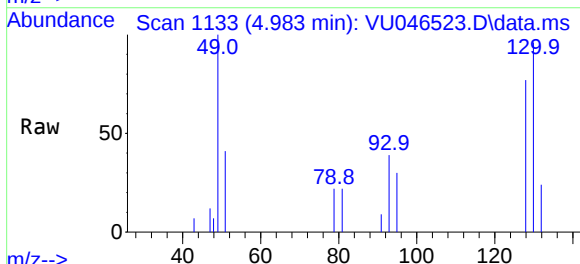
Ion Ratio Lower Upper

128 100

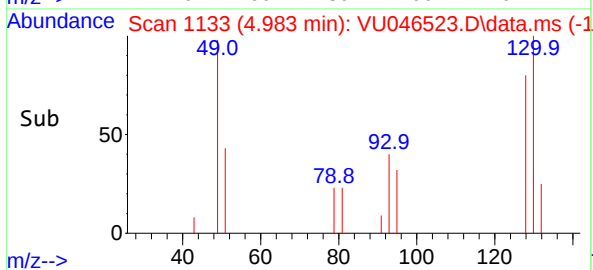
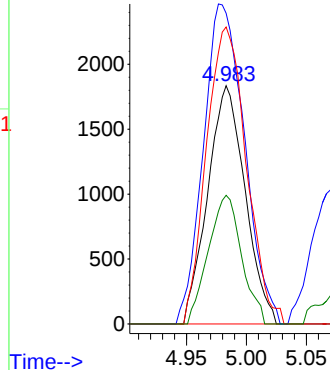
49 130.5 117.0 217.2

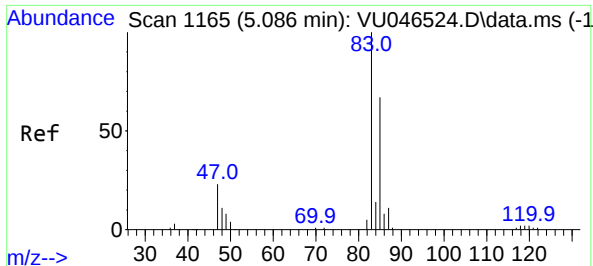
130 124.7 88.2 163.8

51 54.0 42.5 63.7



Abundance





#25

Chloroform

Concen: 1.185 ug/L

RT: 5.096 min Scan# 1165

Delta R.T. 0.010 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

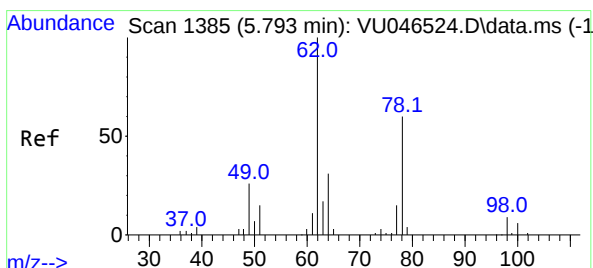
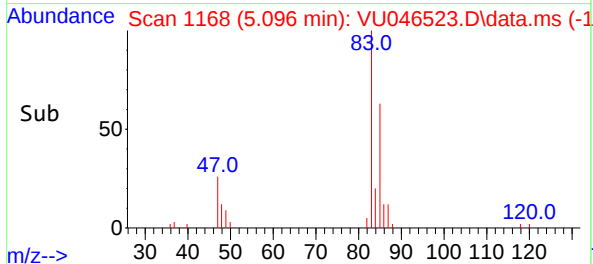
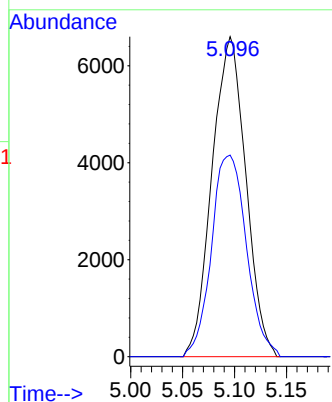
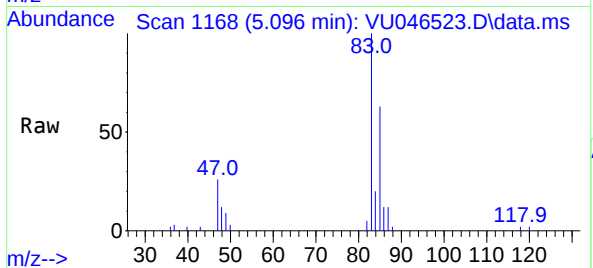
ClientSampleId :

Tgt Ion: 83 Resp: 14930

Ion Ratio Lower Upper

83 100

85 63.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 1.286 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046523.D

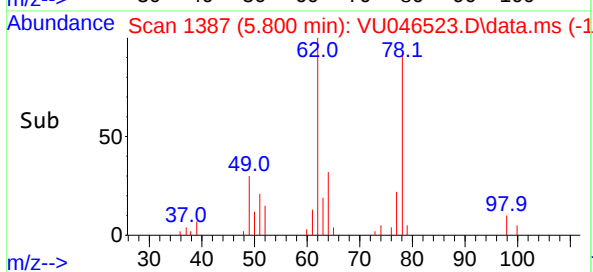
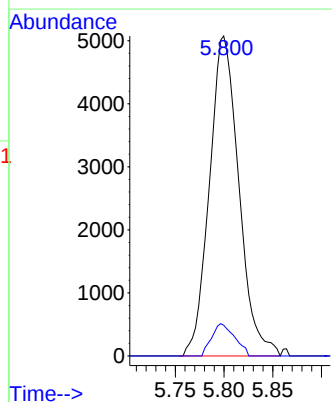
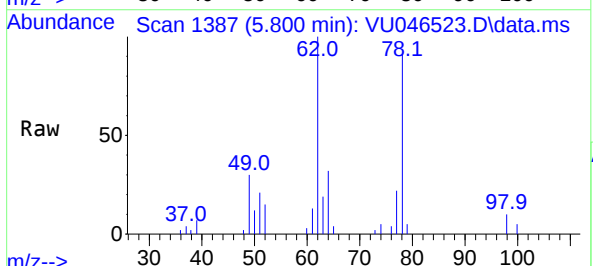
Acq: 21 Dec 2021 12:18

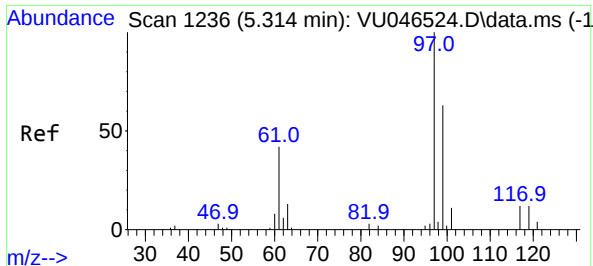
Tgt Ion: 62 Resp: 10668

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8

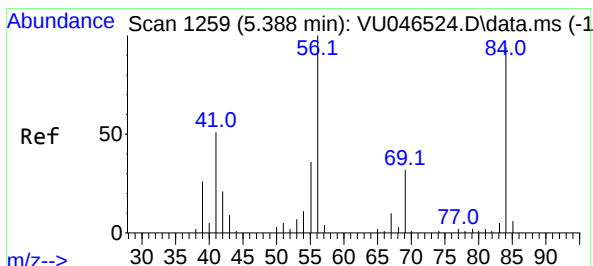
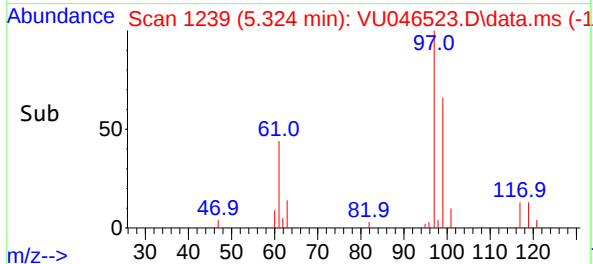
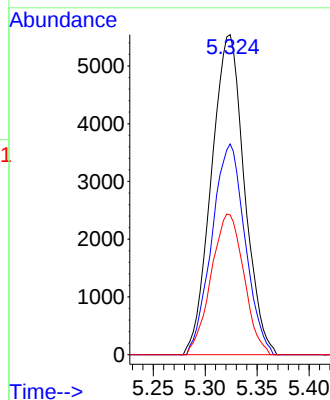
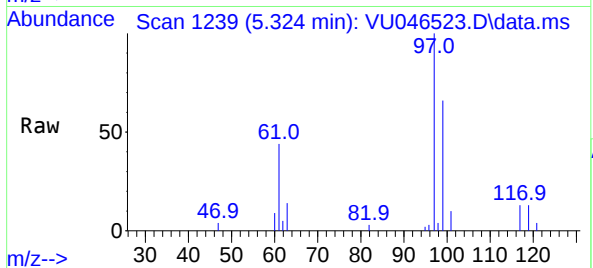




#29
1,1,1-Trichloroethane
Concen: 1.194 ug/L
RT: 5.324 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

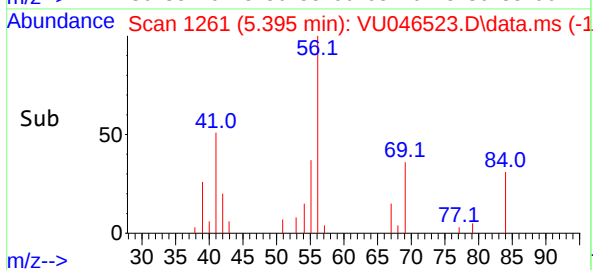
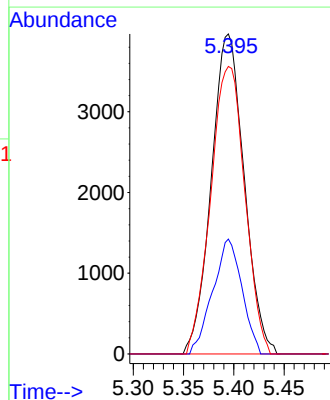
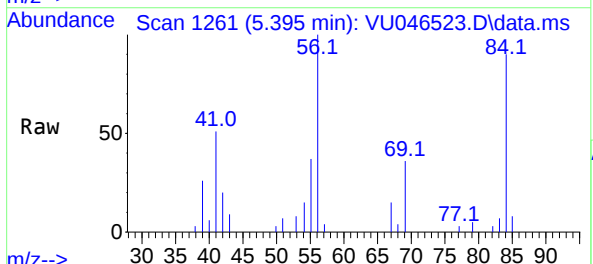
Instrument :
MSVOA_U
ClientSampleId :

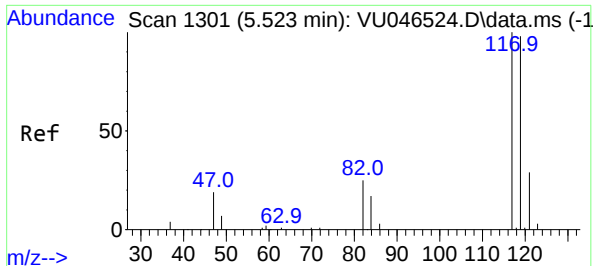
Tgt Ion: 97	Resp: 12249
Ion Ratio	Lower Upper
97 100	
99 66.2	51.3 76.9
61 43.6	36.1 54.1



#30
Cyclohexane
Concen: 0.929 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 56	Resp: 9007
Ion Ratio	Lower Upper
56 100	
69 31.8	24.7 37.1
84 93.2	71.8 107.6

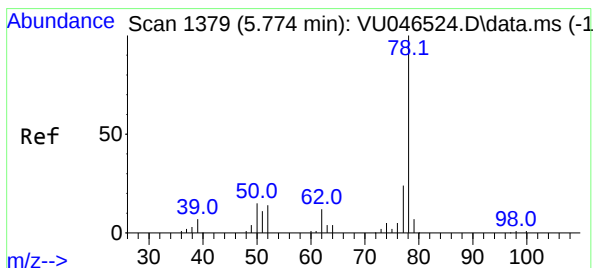
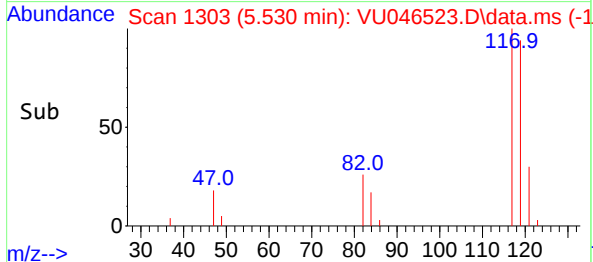
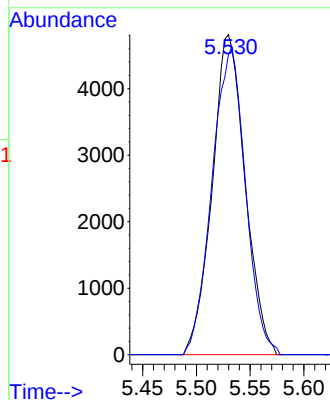
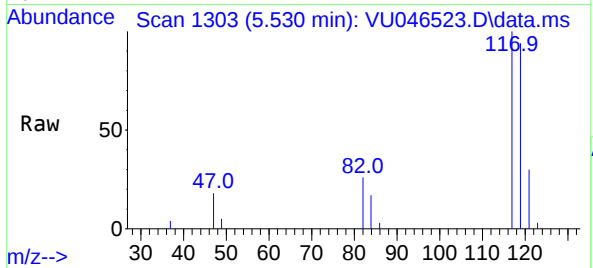




#31
Carbon tetrachloride
Concen: 1.196 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.006 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

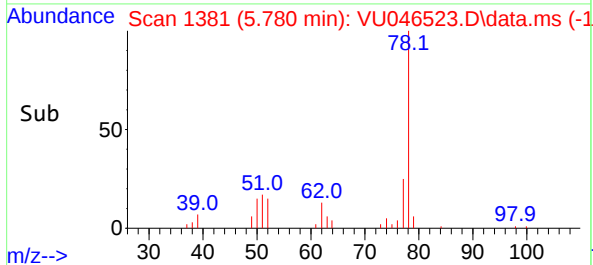
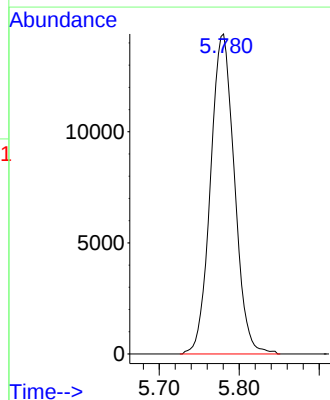
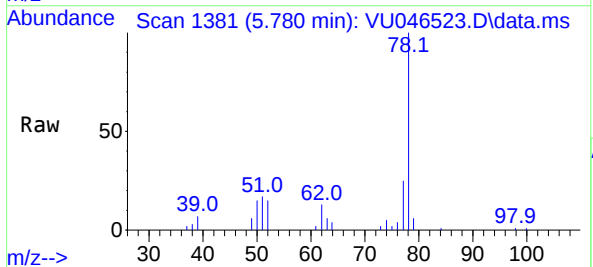
Instrument :
MSVOA_U
ClientSampleId :

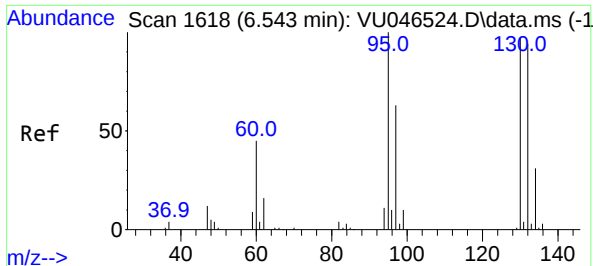
Tgt Ion:117 Resp: 10242
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 1.159 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 78 Resp: 29937



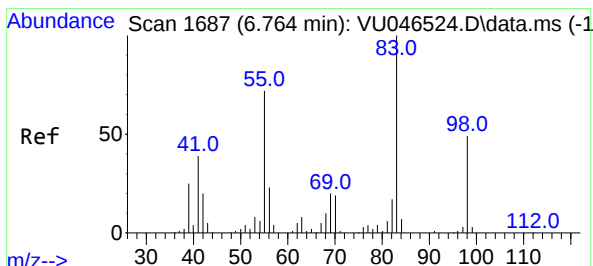
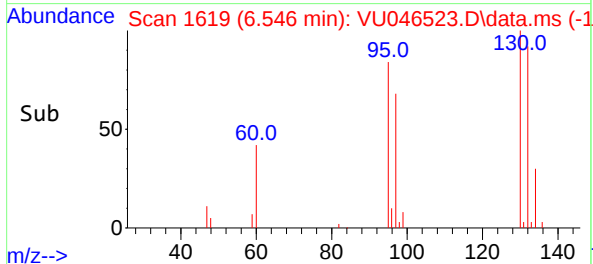
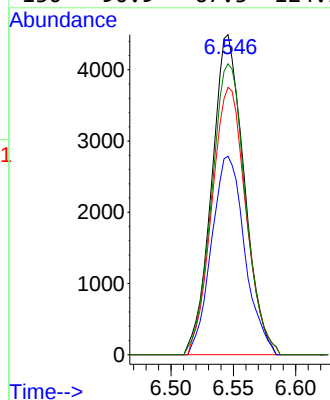
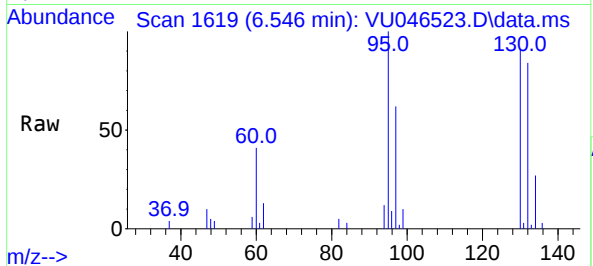


#34
Trichloroethene
Concen: 1.212 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8125

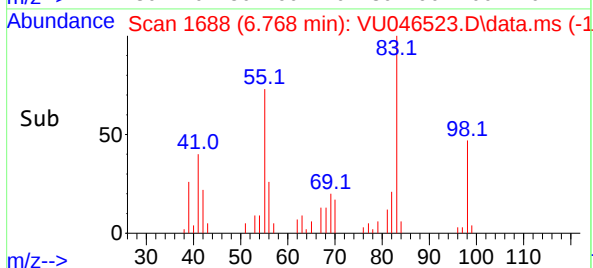
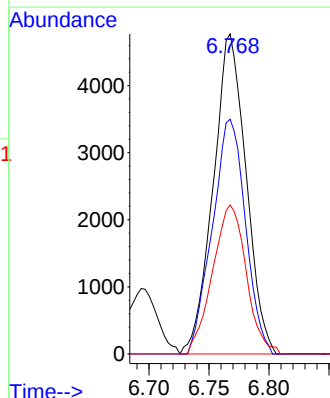
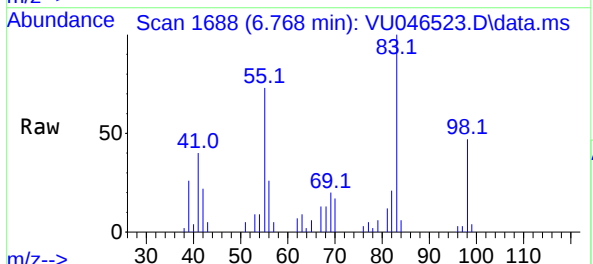
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.5	86.5
132	83.5	65.1	120.9
130	90.9	67.3	124.9

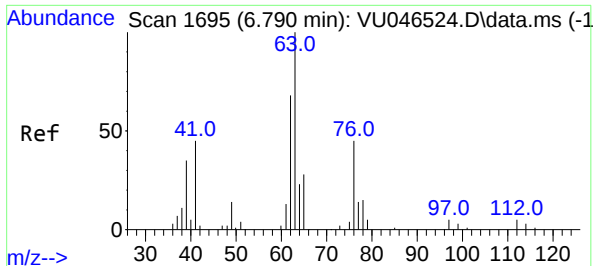


#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 83 Resp: 9076

Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.9	92.9
98	47.8	39.0	58.6

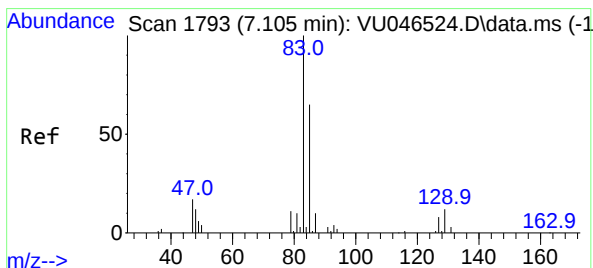
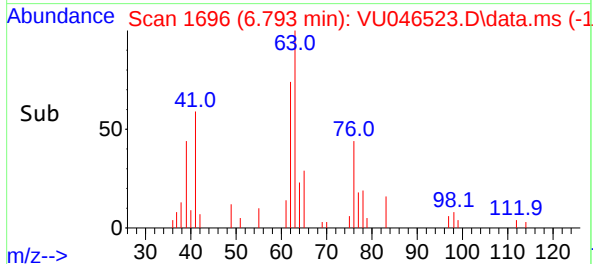
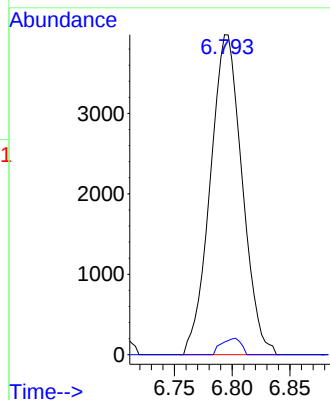
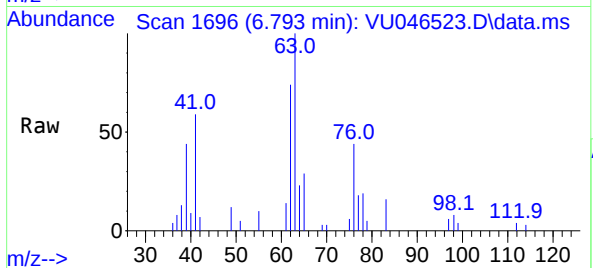




#37
1,2-Dichloropropane
Concen: 1.126 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

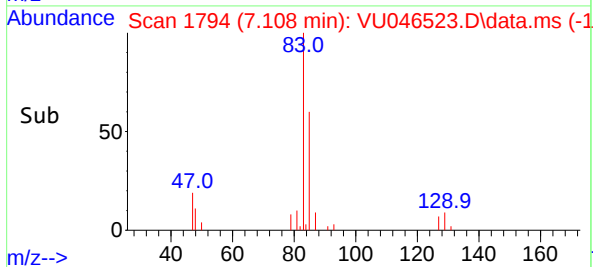
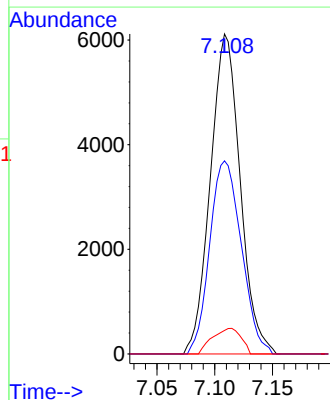
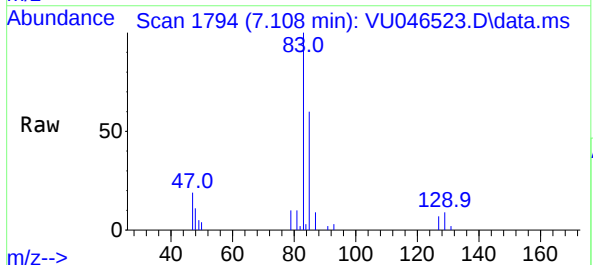
Instrument :
MSVOA_U
ClientSampleId :

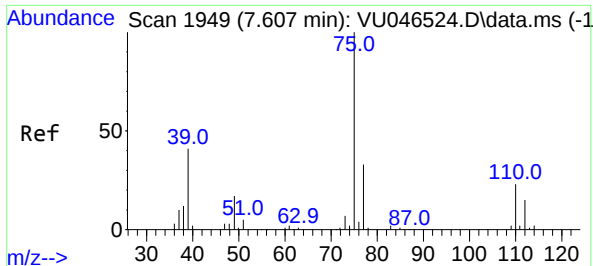
Tgt Ion: 63 Resp: 7642
Ion Ratio Lower Upper
63 100
112 3.1 3.2 4.8#



#38
Bromodichloromethane
Concen: 1.285 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 83 Resp: 10985
Ion Ratio Lower Upper
83 100
85 60.4 44.0 81.8
127 7.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 1.137 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

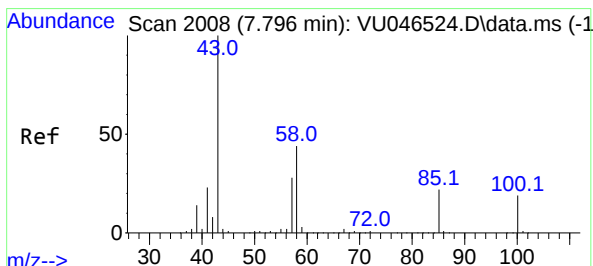
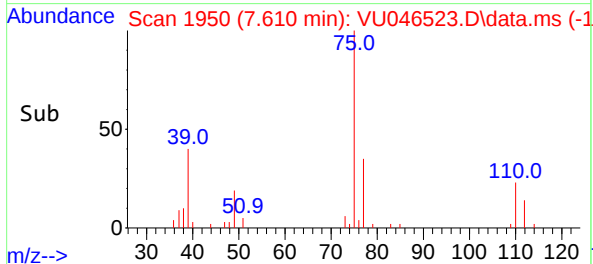
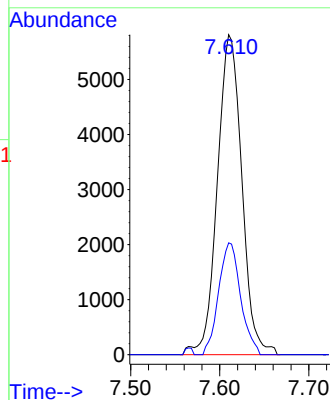
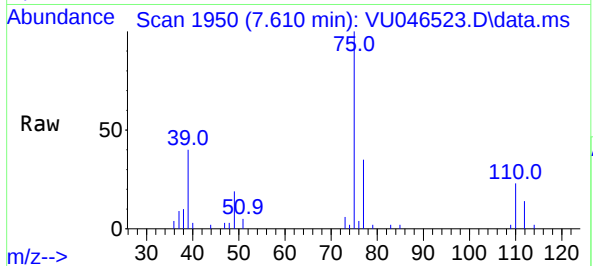
ClientSampleId :

Tgt Ion: 75 Resp: 11111

Ion Ratio Lower Upper

75 100

77 35.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 12.424 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

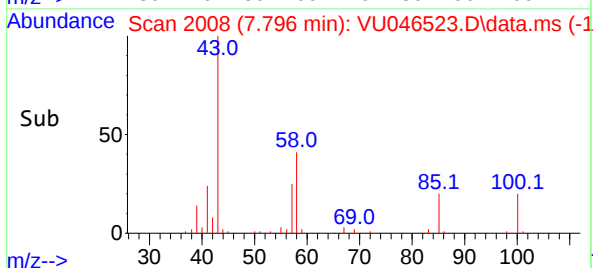
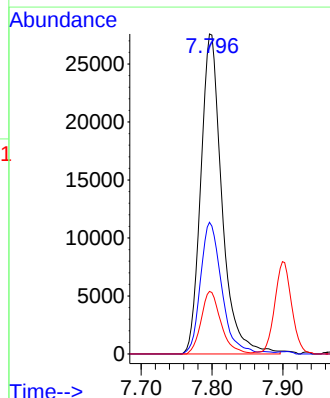
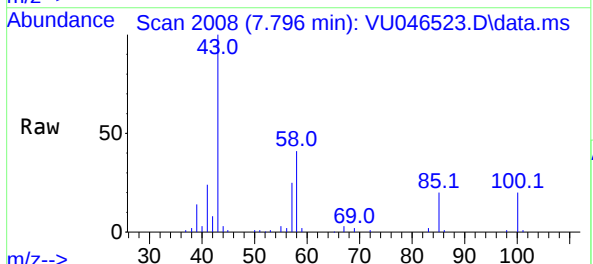
Tgt Ion: 43 Resp: 57111

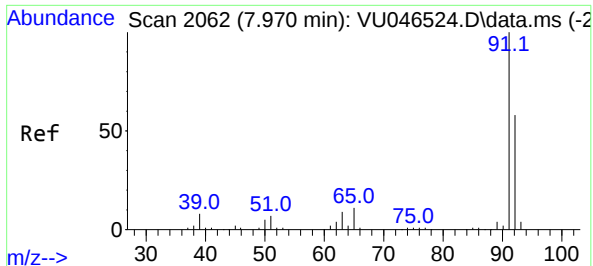
Ion Ratio Lower Upper

43 100

58 41.3 33.1 49.7

100 18.4 13.2 19.8

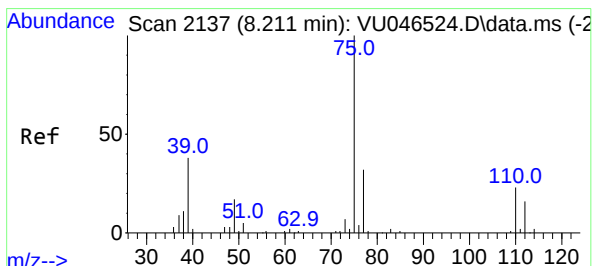
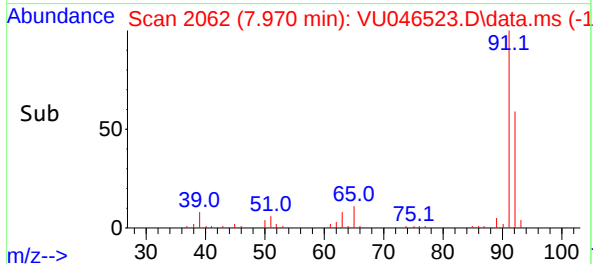
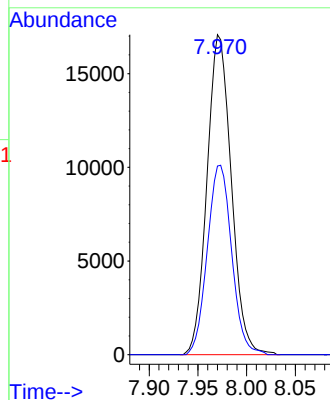
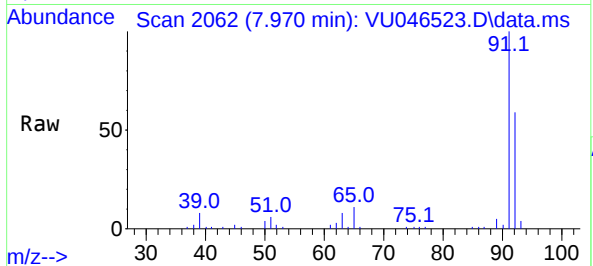




#42
Toluene
Concen: 1.116 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

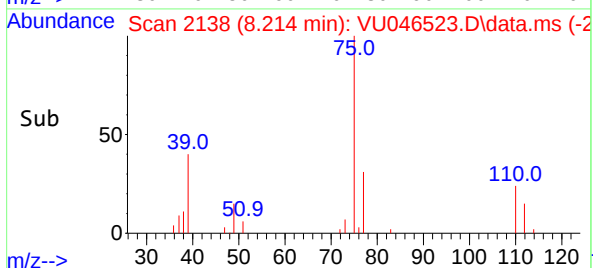
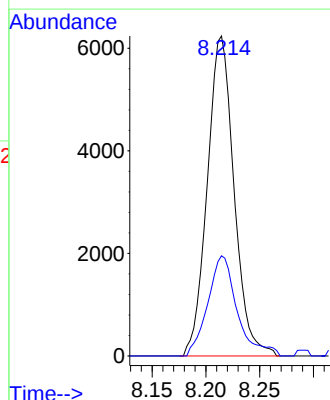
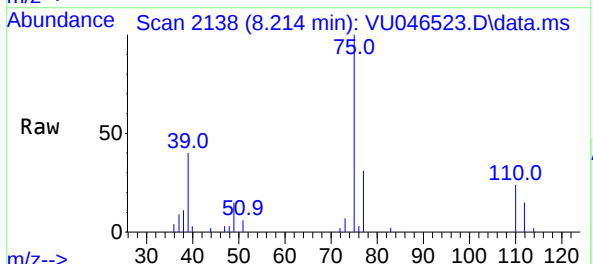
Instrument : MSVOA_U
ClientSampleId :

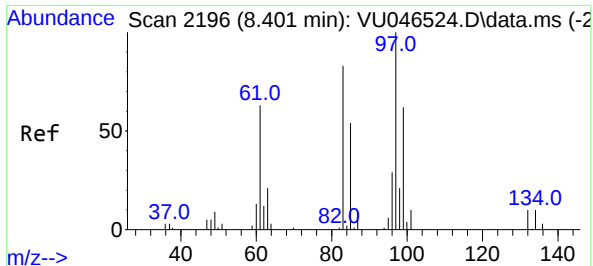
Tgt Ion: 91 Resp: 29615
Ion Ratio Lower Upper
91 100
92 58.9 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 1.255 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

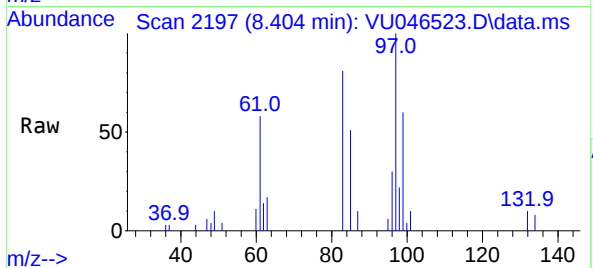
Tgt Ion: 75 Resp: 10824
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.3





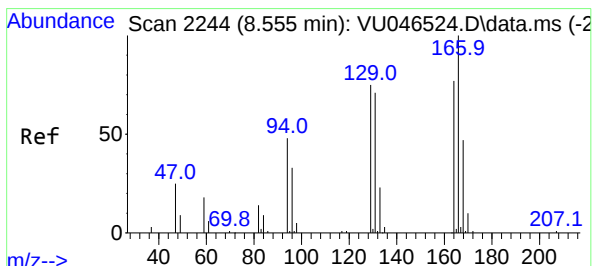
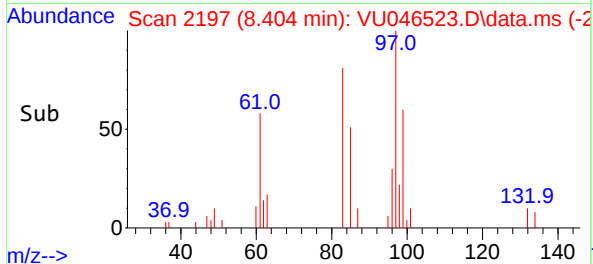
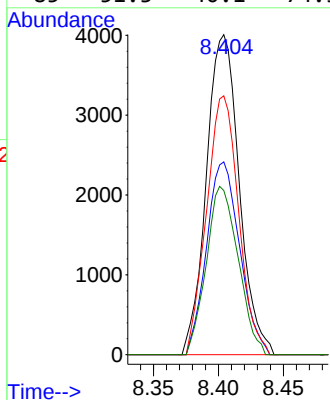
#45
1,1,2-Trichloroethane
Concen: 1.350 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 7056

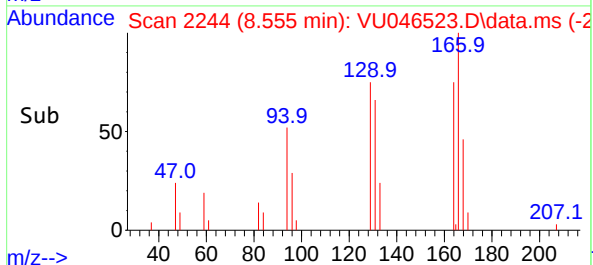
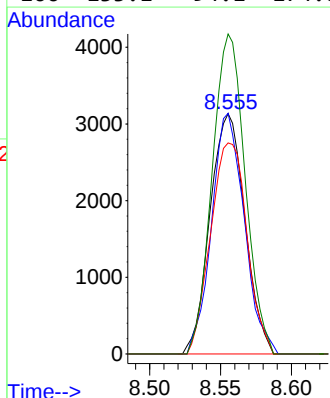
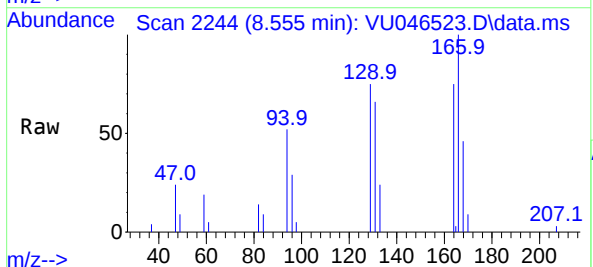
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.3	78.5
83	80.9	62.0	115.2
85	51.3	40.1	74.5

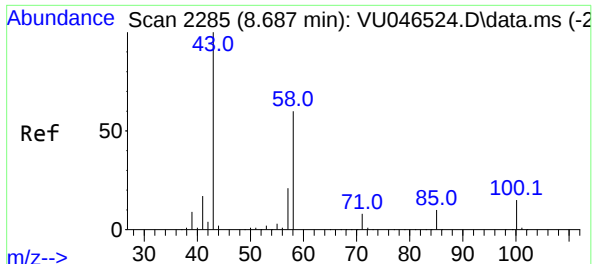


#47
Tetrachloroethene
Concen: 1.154 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 164 Resp: 5366

Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.8	133.4
131	87.8	68.5	127.3
166	133.1	94.1	174.8



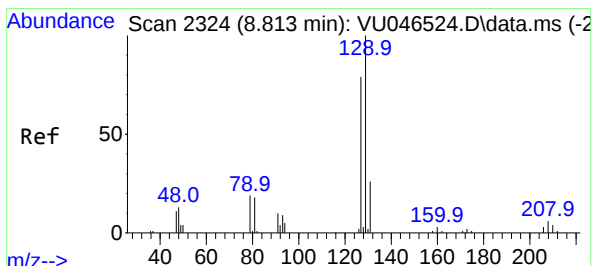
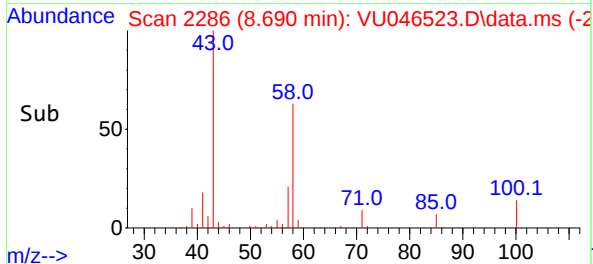
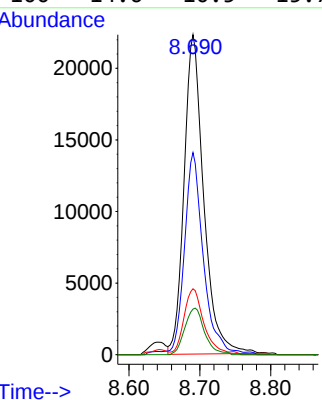
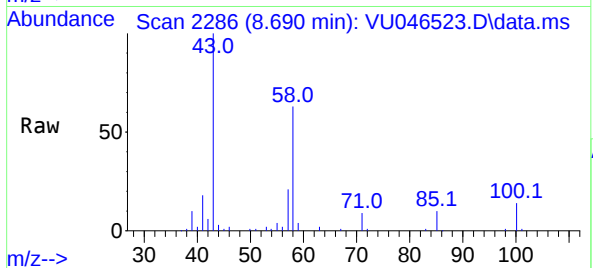


#48
2-Hexanone
Concen: 12.984 ug/L
RT: 8.690 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 42978

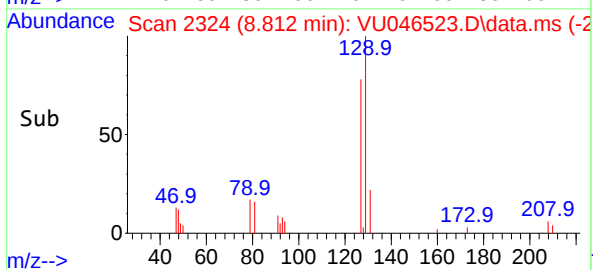
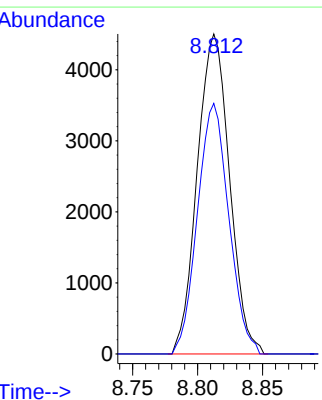
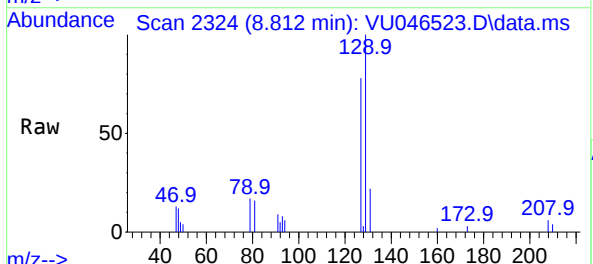
Ion	Ratio	Lower	Upper
43	100		
58	61.6	46.7	70.1
57	19.5	16.3	24.5
100	14.6	10.5	15.7

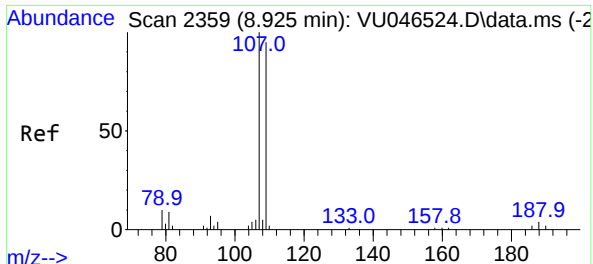


#49
Dibromochloromethane
Concen: 1.311 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion: 129 Resp: 7795

Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.4	102.8

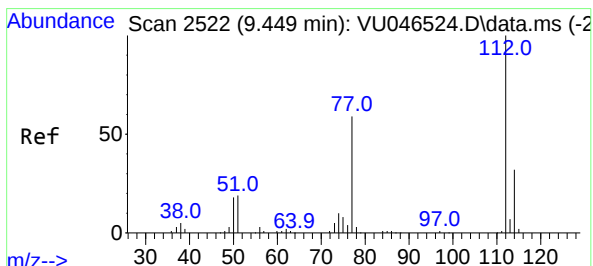
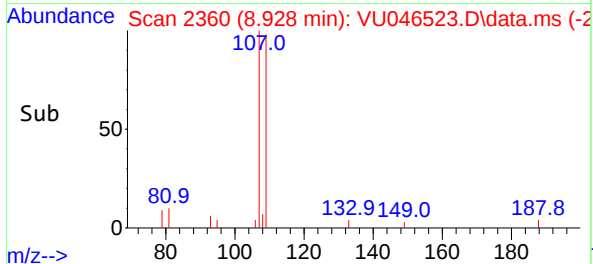
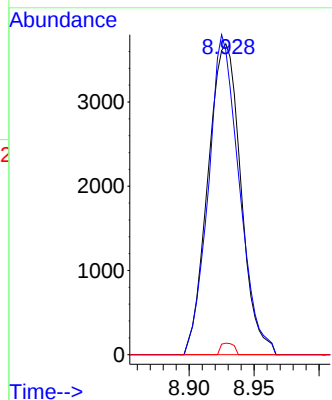
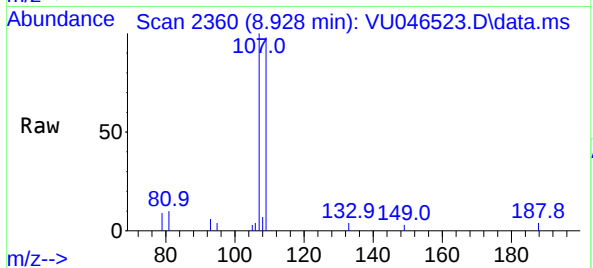




#50
1,2-Dibromoethane
Concen: 1.321 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

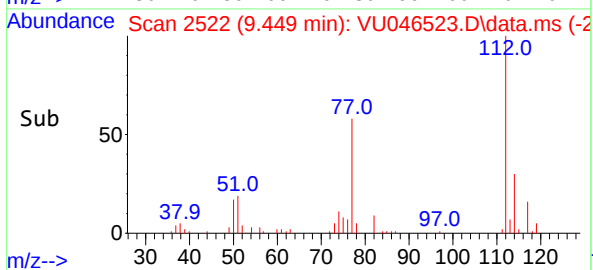
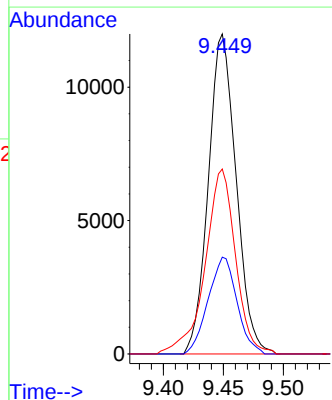
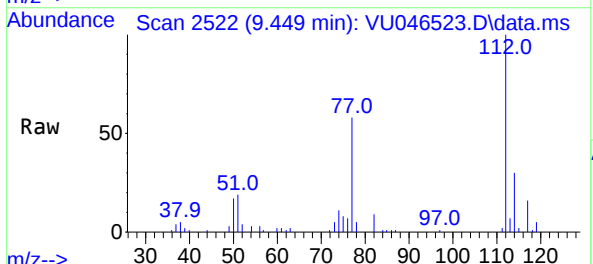
Instrument :
MSVOA_U
ClientSampleId :

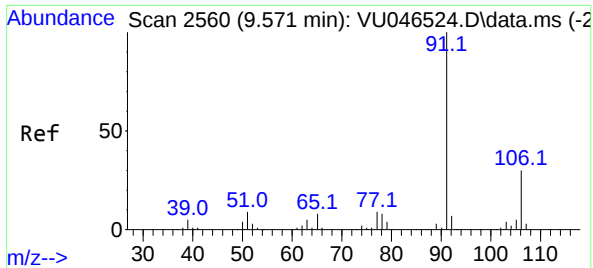
Tgt Ion:	107	Resp:	6504
Ion	Ratio	Lower	Upper
107	100		
109	97.9	64.0	119.0
188	3.7	2.4	3.6#



#51
Chlorobenzene
Concen: 1.165 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion:	112	Resp:	19342
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.1	41.1
77	57.8	48.3	72.5

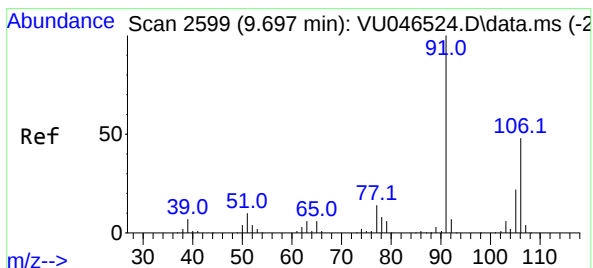
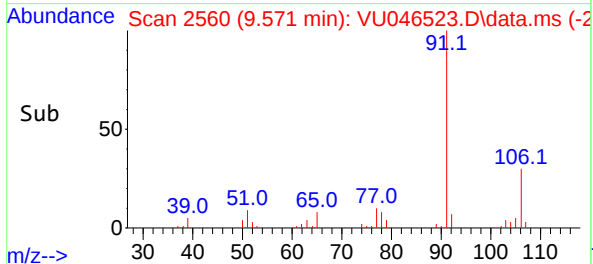
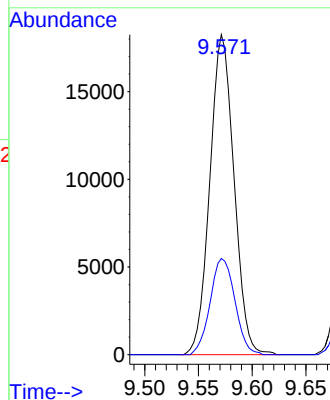
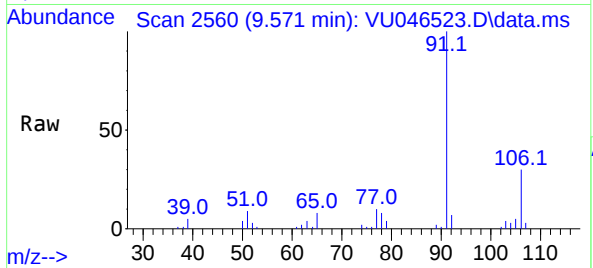




#52
Ethylbenzene
Concen: 1.033 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

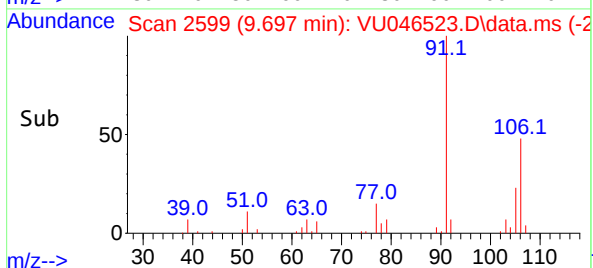
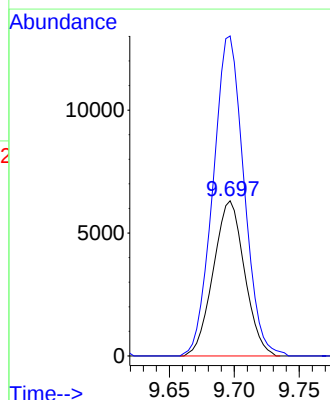
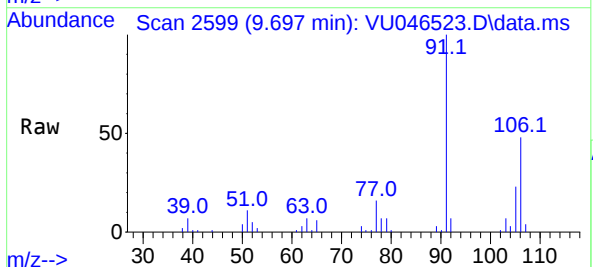
Instrument :
MSVOA_U
ClientSampleId :

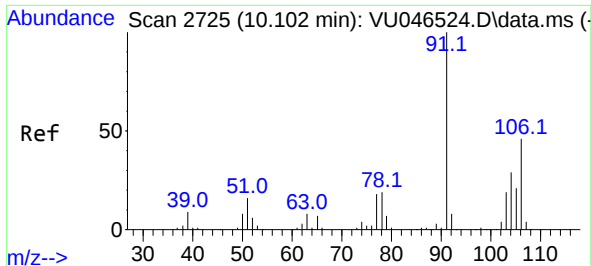
Tgt Ion: 91 Resp: 28533
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 1.003 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion:106 Resp: 10561
Ion Ratio Lower Upper
106 100
91 206.3 139.4 259.0

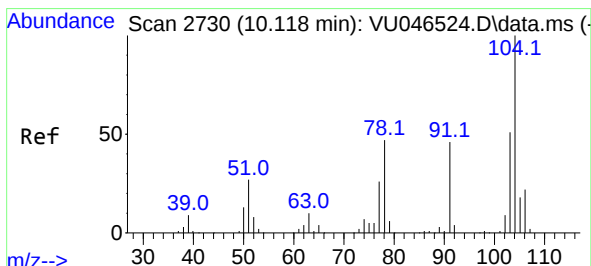
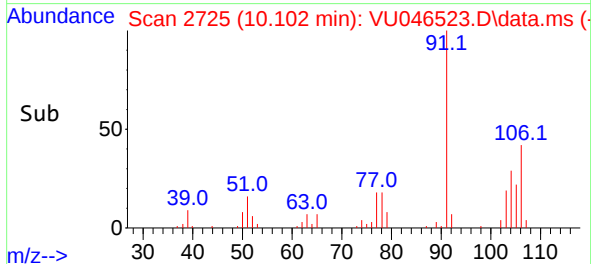
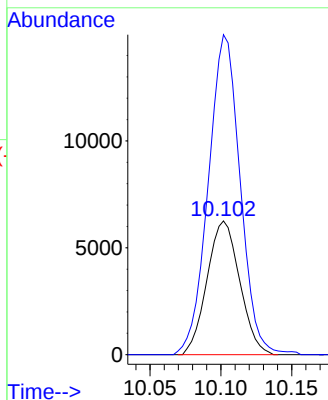
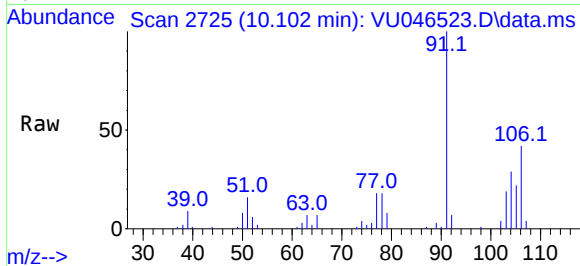




#54
o-Xylene
Concen: 0.981 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

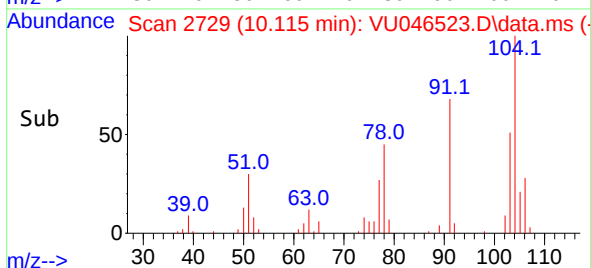
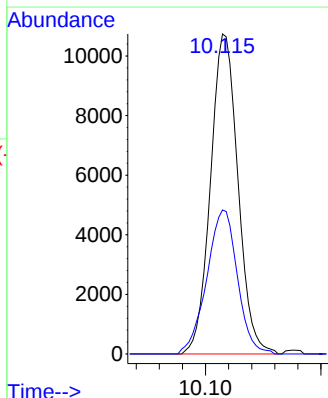
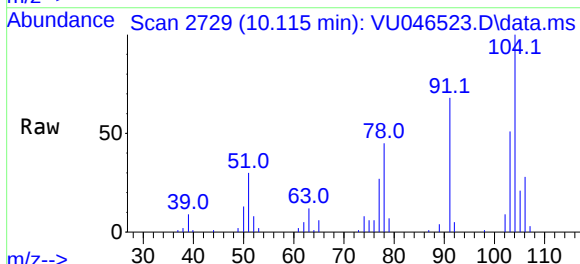
Instrument :
MSVOA_U
ClientSampleId :

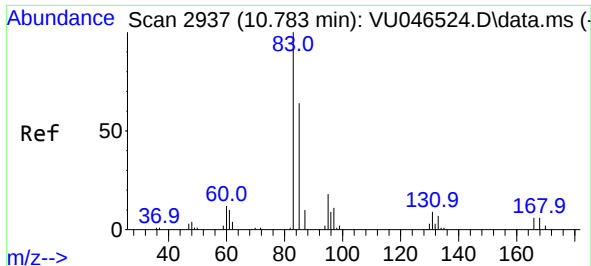
Tgt Ion:106 Resp: 10042
Ion Ratio Lower Upper
106 100
91 239.3 147.5 273.9



#55
Styrene
Concen: 1.026 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion:104 Resp: 17746
Ion Ratio Lower Upper
104 100
78 45.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 1.293 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

ClientSampleId :

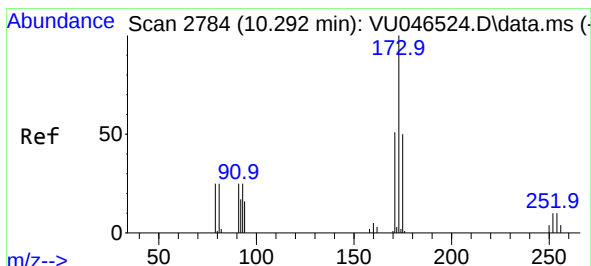
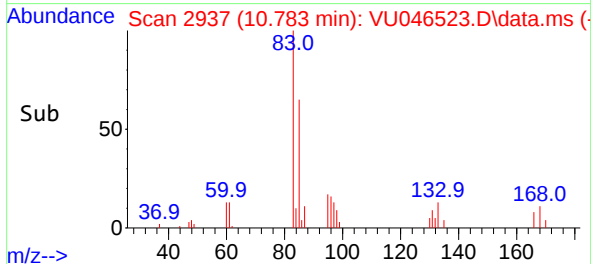
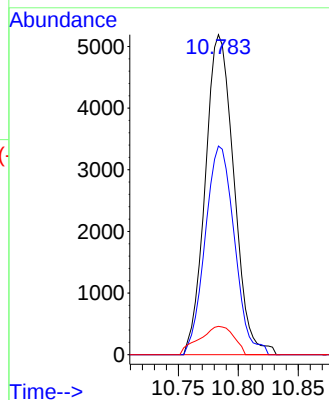
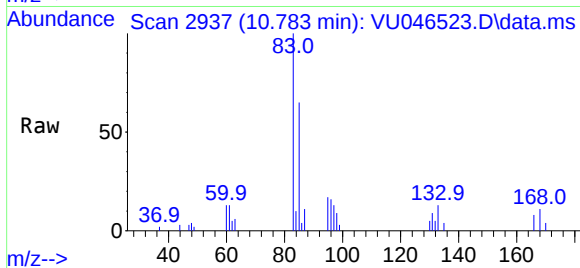
Tgt Ion: 83 Resp: 8618

Ion Ratio Lower Upper

83 100

85 65.2 47.9 89.1

131 8.8 8.1 12.1



#59

Bromoform

Concen: 1.322 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

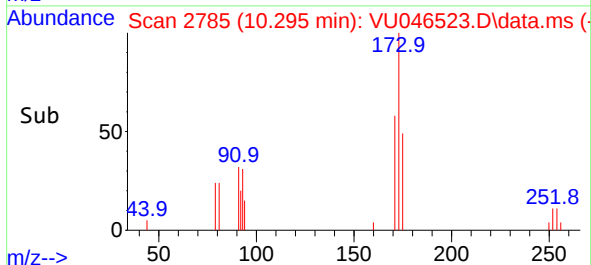
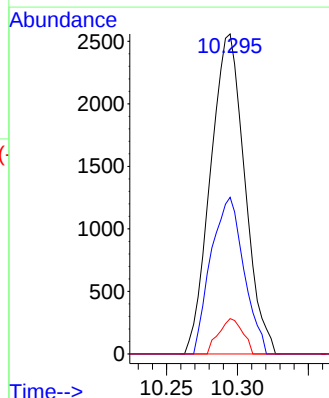
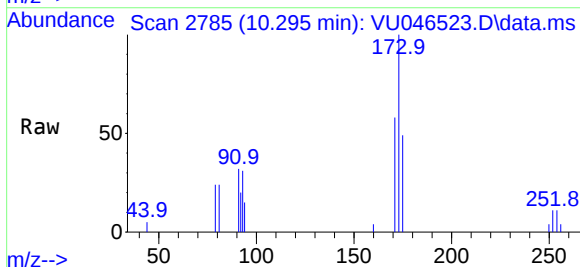
Tgt Ion:173 Resp: 4293

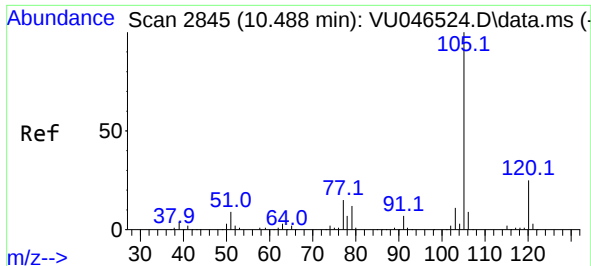
Ion Ratio Lower Upper

173 100

175 47.1 37.8 56.6

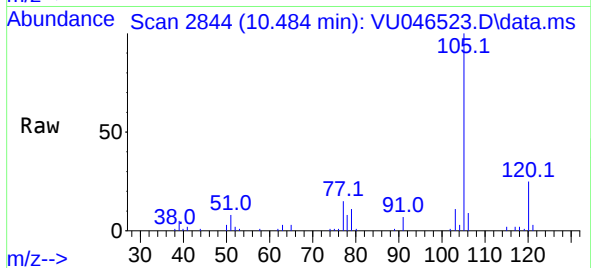
254 7.7 7.3 10.9



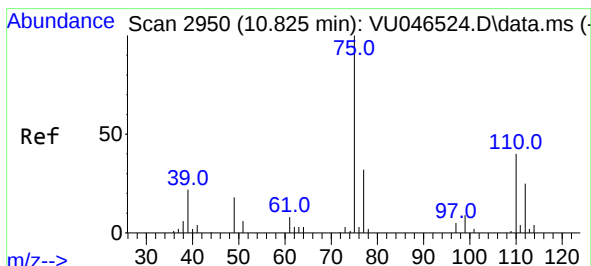
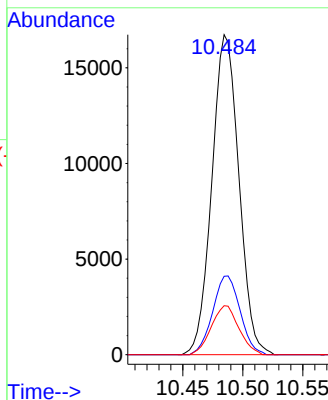
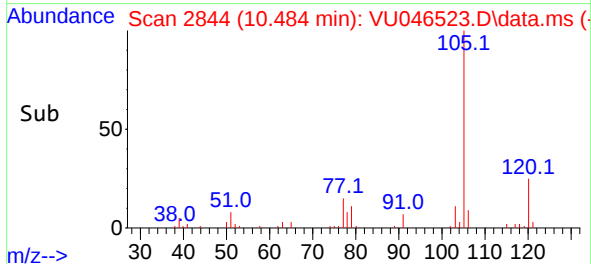


#60
Isopropylbenzene
Concen: 0.991 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

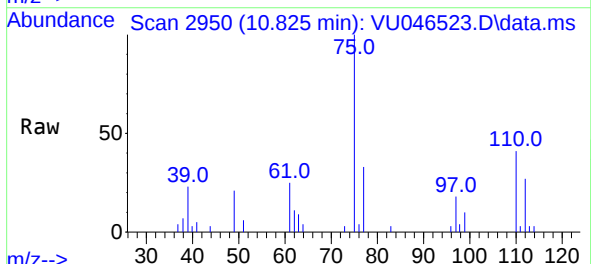
Instrument :
MSVOA_U
ClientSampleId :



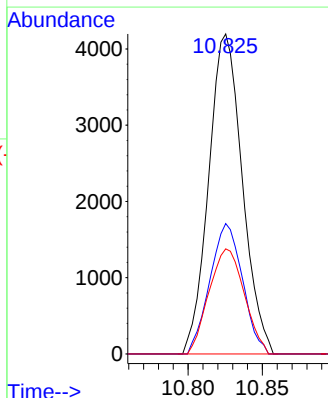
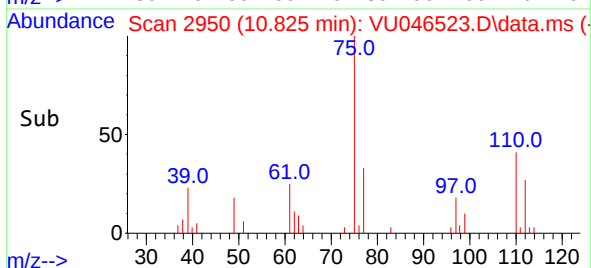
Tgt Ion:105 Resp: 26181
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1
77 15.7 12.6 19.0

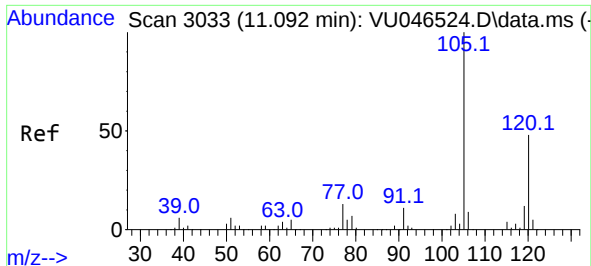


#61
1,2,3-Trichloropropane
Concen: 1.342 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18



Tgt Ion: 75 Resp: 6615
Ion Ratio Lower Upper
75 100
110 39.4 29.9 44.9
77 34.4 25.5 38.3

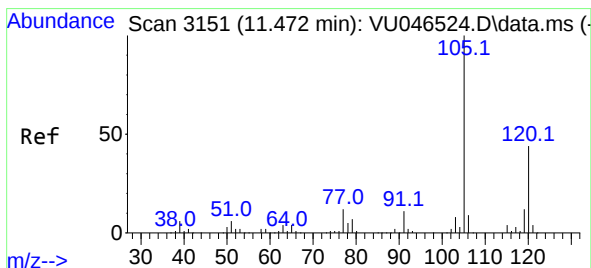
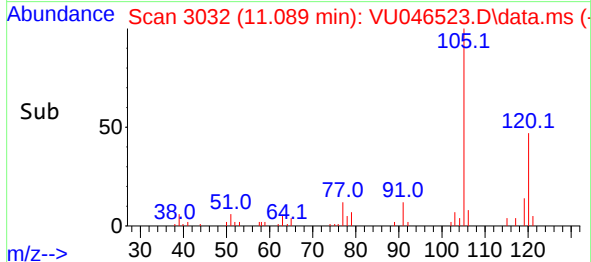
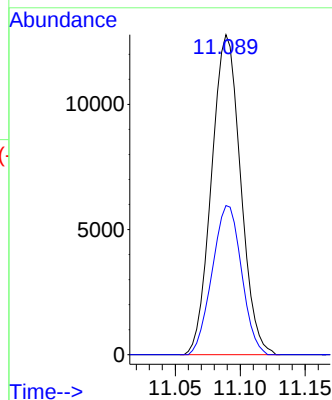
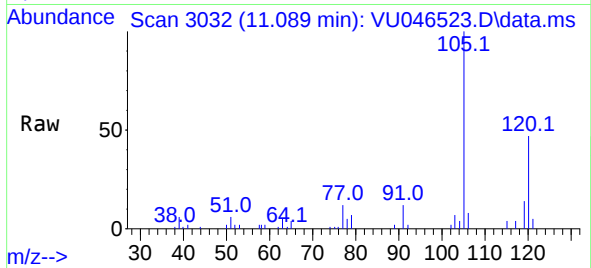




#62
1,3,5-Trimethylbenzene
Concen: 0.913 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

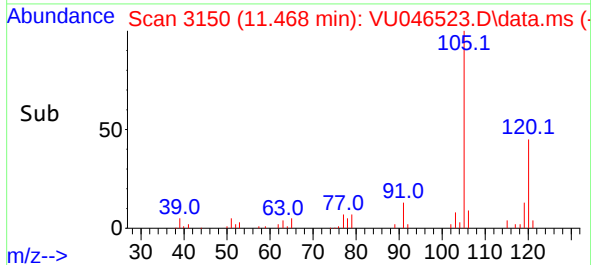
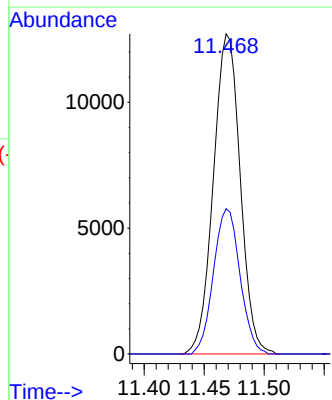
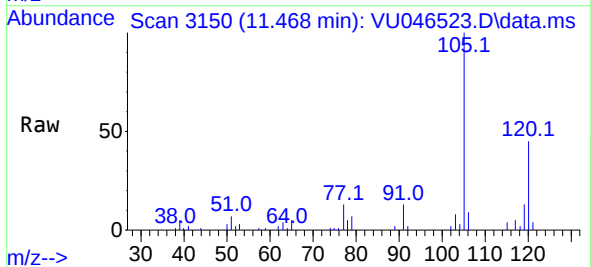
Instrument :
MSVOA_U
ClientSampleId :

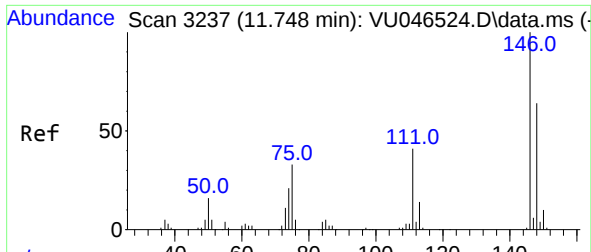
Tgt Ion:105 Resp: 19876
Ion Ratio Lower Upper
105 100
120 47.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.905 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

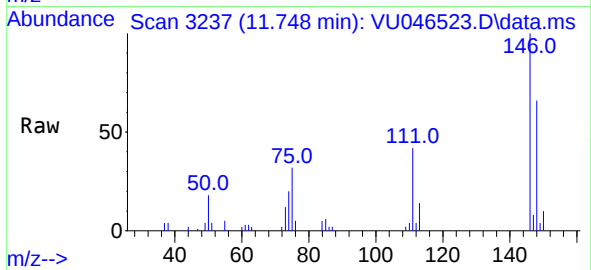
Tgt Ion:105 Resp: 19768
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.8



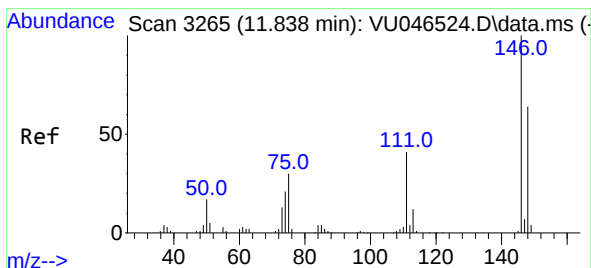
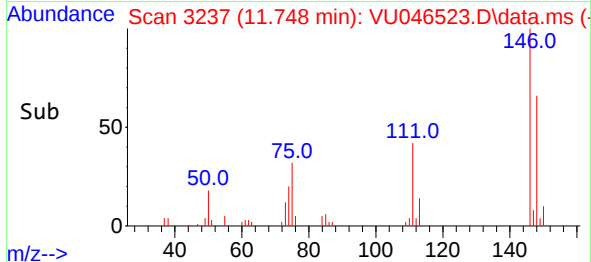
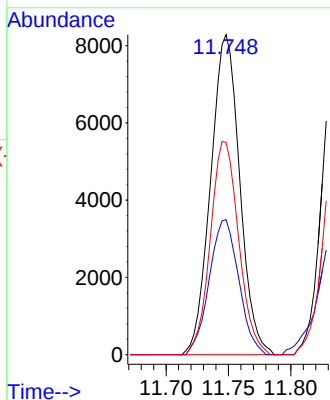


#64
1,3-Dichlorobenzene
Concen: 1.085 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :

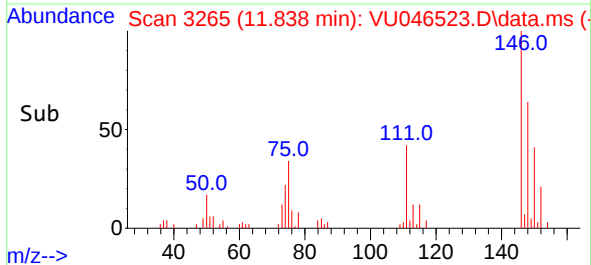
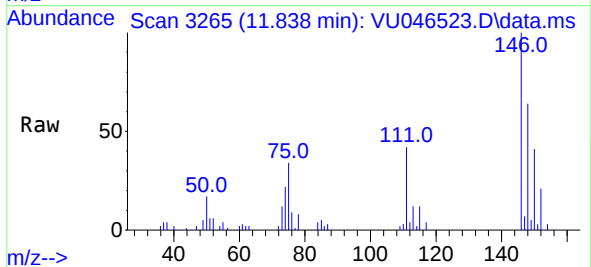
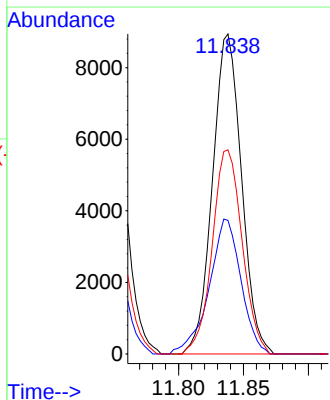


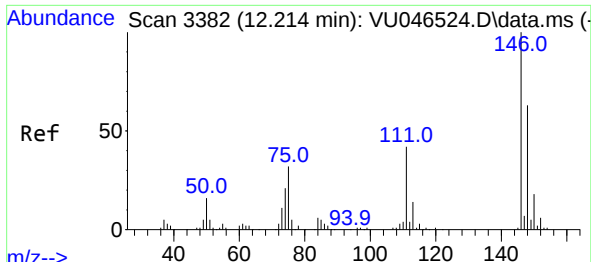
Tgt Ion:146 Resp: 13438
Ion Ratio Lower Upper
146 100
111 42.2 29.9 55.5
148 66.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 1.103 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion:146 Resp: 13879
Ion Ratio Lower Upper
146 100
111 41.8 28.7 53.3
148 63.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 1.122 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

ClientSampleId :

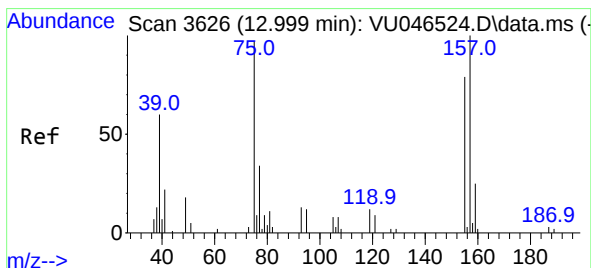
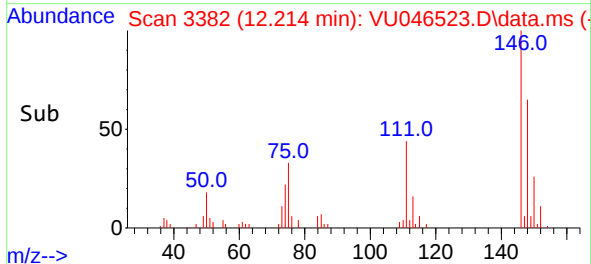
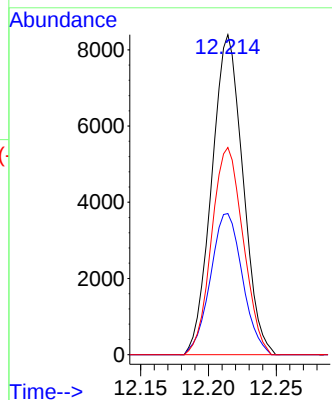
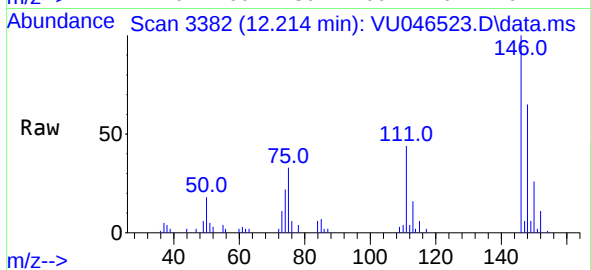
Tgt Ion:146 Resp: 13413

Ion Ratio Lower Upper

146 100

111 44.1 35.4 53.0

148 64.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.463 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

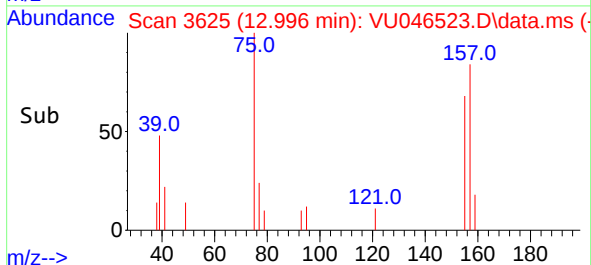
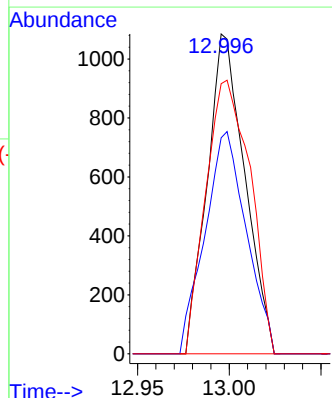
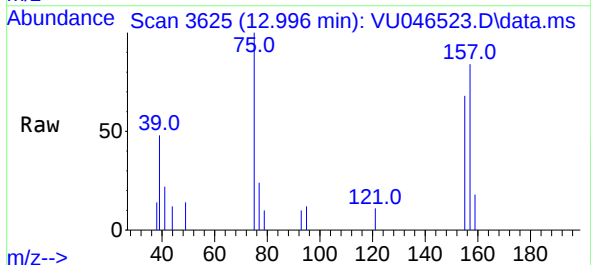
Tgt Ion: 75 Resp: 1548

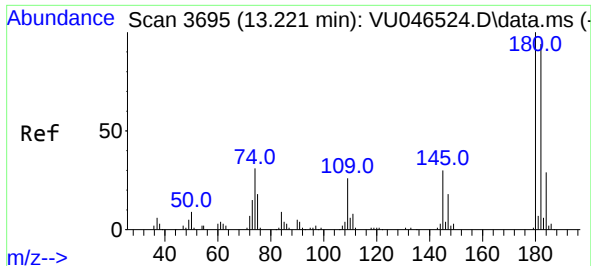
Ion Ratio Lower Upper

75 100

155 67.6 59.2 88.8

157 84.4 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 1.047 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

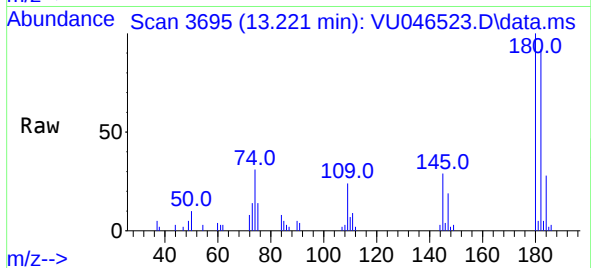
Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 9750

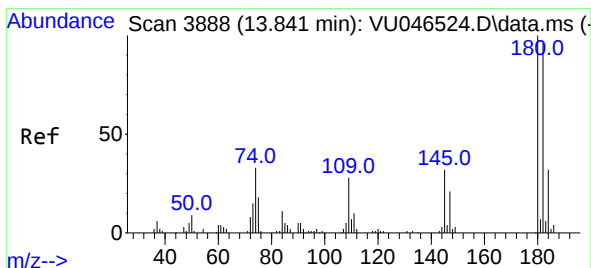
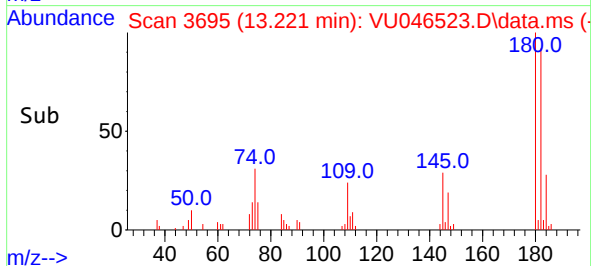
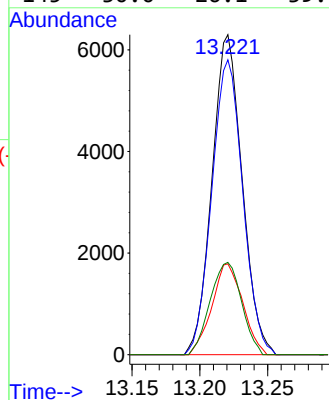
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

184 29.0 25.0 37.4

145 30.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 0.985 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046523.D

Acq: 21 Dec 2021 12:18

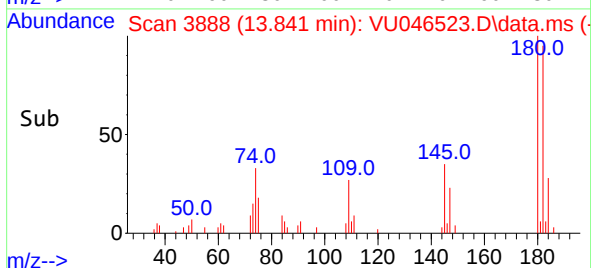
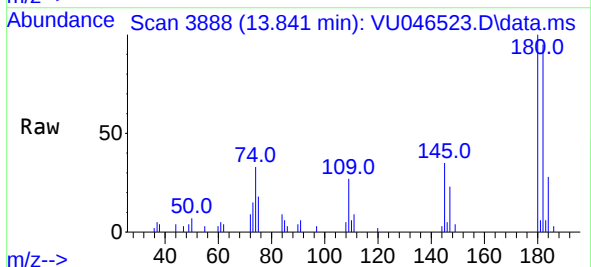
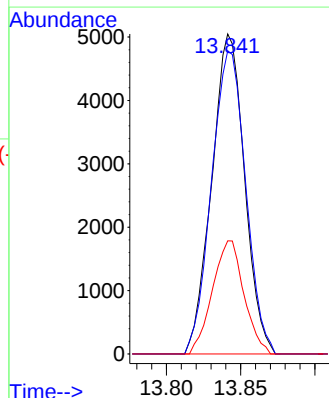
Tgt Ion:180 Resp: 7754

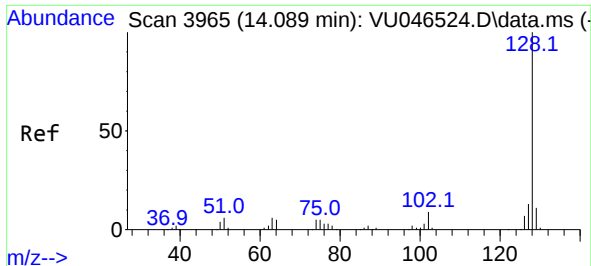
Ion Ratio Lower Upper

180 100

182 98.7 76.4 114.6

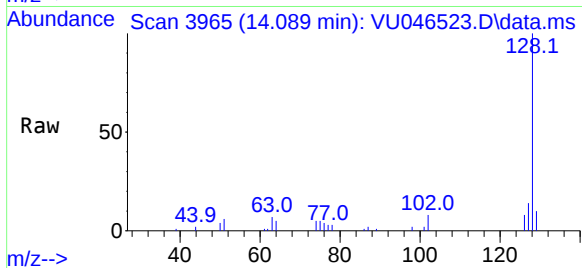
145 34.0 25.6 38.4





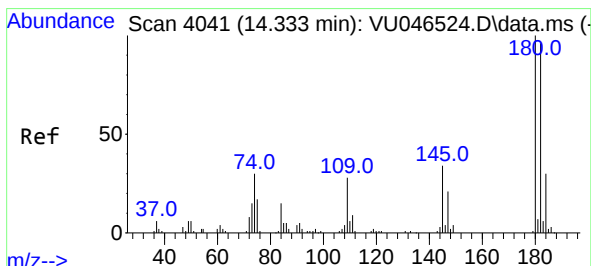
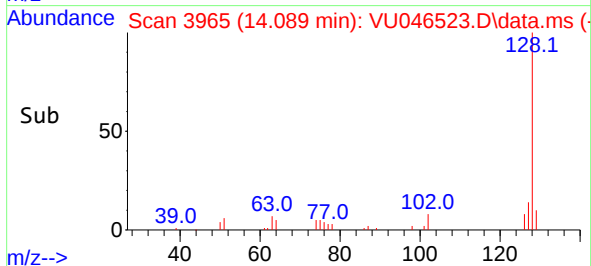
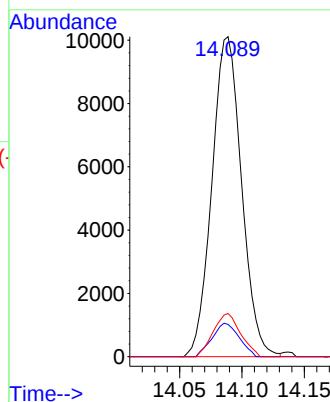
#71
Naphthalene
Concen: 0.998 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 16744

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.4	12.6
127	12.4	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 1.035 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046523.D
Acq: 21 Dec 2021 12:18

Tgt Ion:180 Resp: 8140

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	35.4	28.4	42.6

