

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046525.D
 Acq On : 21 Dec 2021 13:29
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 14:14:42 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	89006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70558	10.077	ug/L	0.01
7) Chloroethane-d5	1.922	69	53047	10.413	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.575	65	30402	10.479	ug/L	0.01
20) 2-Butanone-d5	4.662	46	190644	101.482	ug/L	0.00
24) Chloroform-d	5.070	84	125401	10.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	69976	10.113	ug/L	0.00
32) Benzene-d6	5.732	84	239224	10.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	71755	9.720	ug/L	0.00
41) Toluene-d8	7.899	98	222932	10.422	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	33972	11.079	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	209488	142.119	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	73543	11.494	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	86752	10.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	137553	16.120	ug/L	100
3) Chloromethane	1.523	50	105059	12.351	ug/L	98
5) Vinyl chloride	1.610	62	110006	12.979	ug/L	99
6) Bromomethane	1.864	94	63655	12.636	ug/L	99
8) Chloroethane	1.941	64	60914	12.512	ug/L	99
9) Trichlorofluoromethane	2.147	101	148740	13.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79039	12.779	ug/L	97
12) 1,1-Dichloroethene	2.588	96	76489	12.855	ug/L	79
13) Acetone	2.687	43	158144	128.832	ug/L	94
14) Carbon disulfide	2.800	76	249697	13.079	ug/L	98
15) Methyl Acetate	2.970	43	35360	11.694	ug/L	96
16) Methylene chloride	3.054	84	82485	9.565	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	208413	12.889	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	79265	12.310	ug/L	96
19) 1,1-Dichloroethane	3.877	63	137174	11.440	ug/L	99
21) 2-Butanone	4.739	43	246812	118.987	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	84789	12.180	ug/L	100
23) Bromochloromethane	4.980	128	40404	12.906	ug/L	91
25) Chloroform	5.092	83	148597	11.441	ug/L	97
27) 1,2-Dichloroethane	5.800	62	104753	12.253	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	134704	12.897	ug/L	98
30) Cyclohexane	5.395	56	128303	12.993	ug/L	96
31) Carbon tetrachloride	5.530	117	118628	13.611	ug/L	98
33) Benzene	5.777	78	319099	12.134	ug/L	100
34) Trichloroethene	6.546	95	83632	12.257	ug/L	98
35) Methylcyclohexane	6.768	83	139962	13.631	ug/L	96
37) 1,2-Dichloropropane	6.793	63	79811	11.552	ug/L	98
38) Bromodichloromethane	7.108	83	110287	12.677	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	128081	12.876	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	613207	131.035	ug/L	96
42) Toluene	7.973	91	344814	12.767	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	115402	13.139	ug/L	99

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

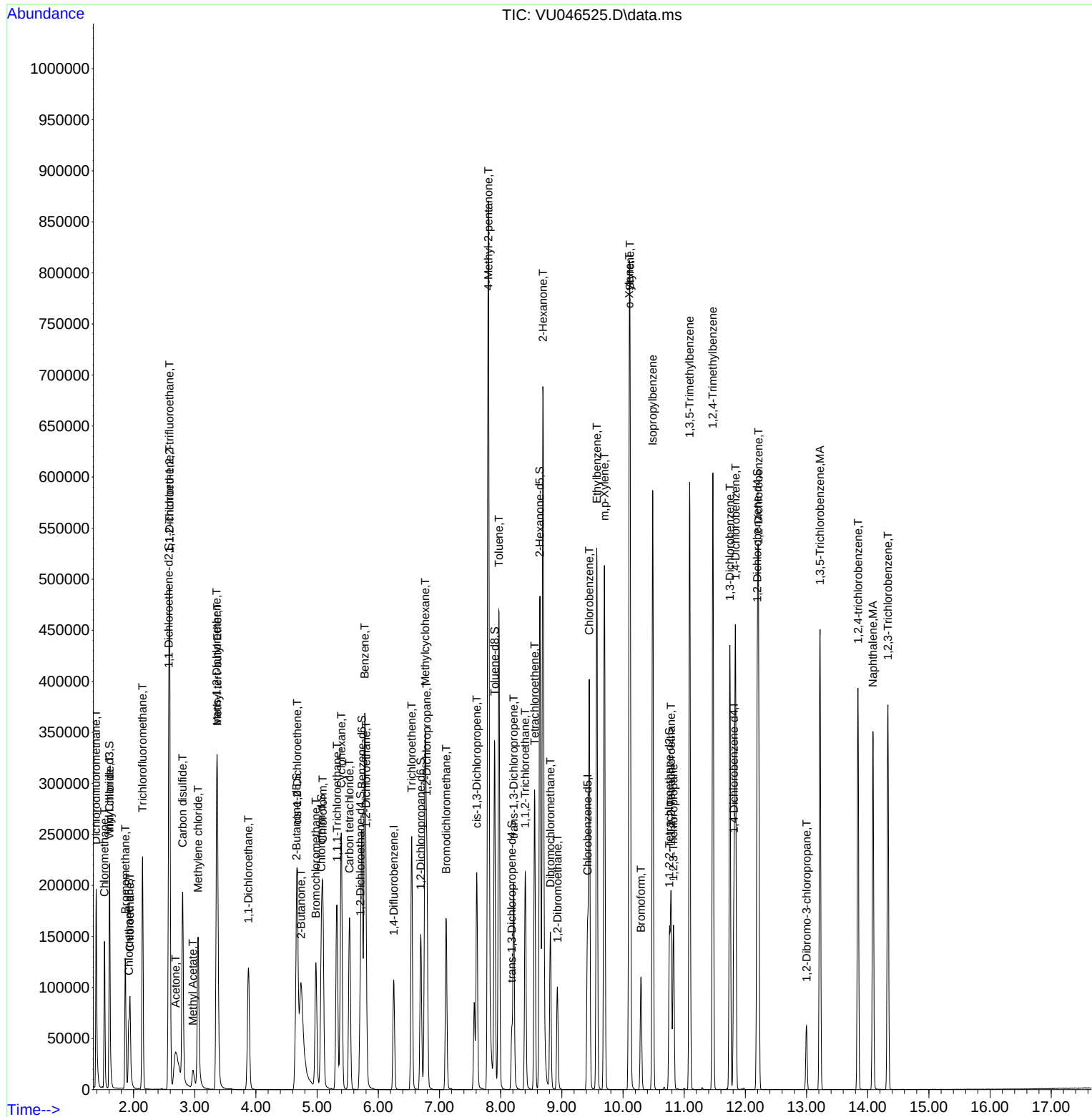
45) 1,1,2-Trichloroethane	8.401	97	67001	12.595	ug/L	95
47) Tetrachloroethene	8.555	164	63794	13.481	ug/L	94
48) 2-Hexanone	8.690	43	461270	136.893	ug/L	97
49) Dibromochloromethane	8.812	129	80360	13.280	ug/L	99
50) 1,2-Dibromoethane	8.928	107	66130	13.193	ug/L #	95
51) Chlorobenzene	9.449	112	210754	12.474	ug/L	99
52) Ethylbenzene	9.571	91	371721	13.219	ug/L	100
53) m,p-Xylene	9.697	106	145793	13.595	ug/L	96
54) o-Xylene	10.102	106	139675	13.400	ug/L	90
55) Styrene	10.115	104	243163	13.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	90719	13.371	ug/L	98
59) Bromoform	10.295	173	49649	13.370	ug/L	97
60) Isopropylbenzene	10.484	105	374131	12.383	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	68661	12.179	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	322805	12.966	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	331359	13.268	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	173626	12.256	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	177093	12.307	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	172138	12.594	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	16390	13.546	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	135311	12.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	115269	12.809	ug/L	100
71) Naphthalene	14.086	128	268365	13.990	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	112359	12.490	ug/L	99

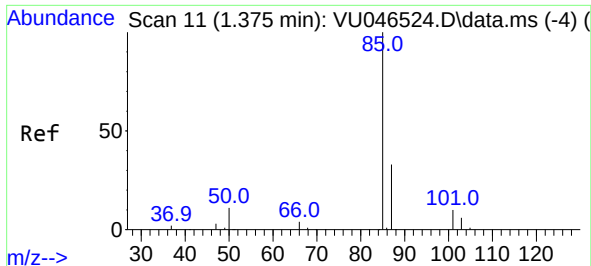
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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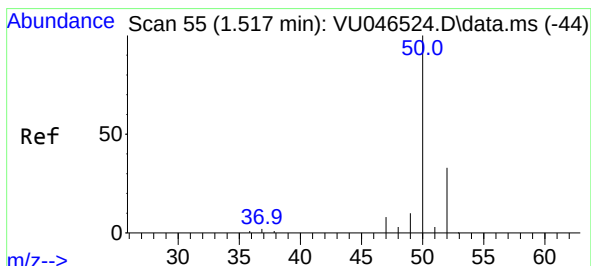
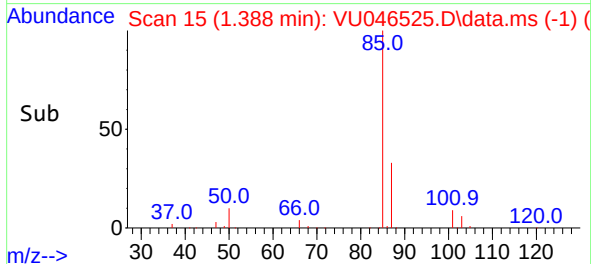
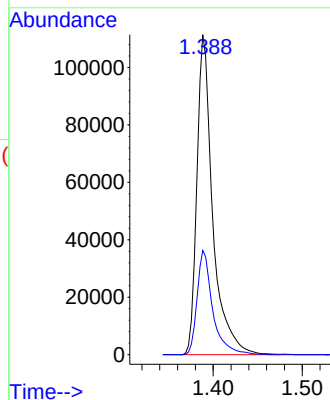
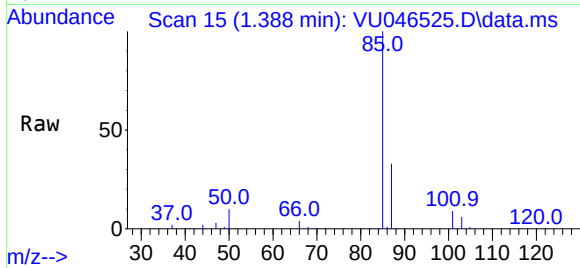




#2
Dichlorodifluoromethane
Concen: 16.120 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

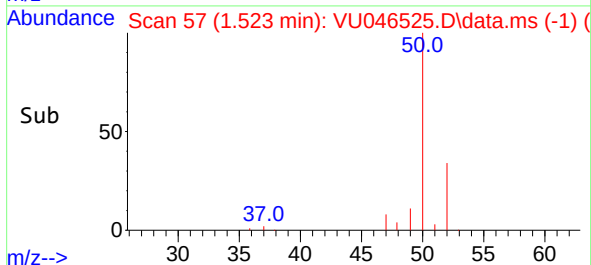
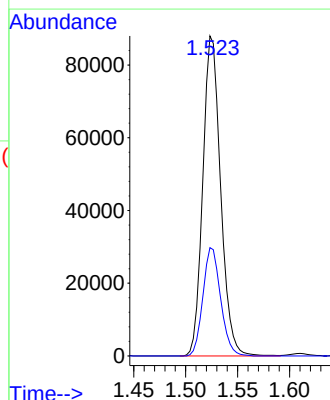
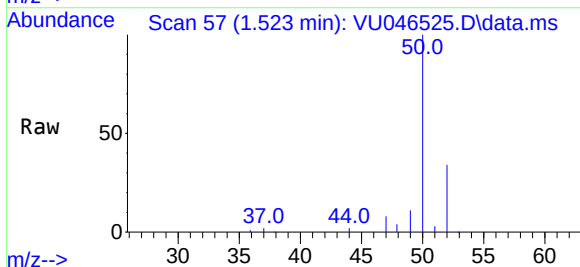
Instrument :
MSVOA_U
ClientSampleId :

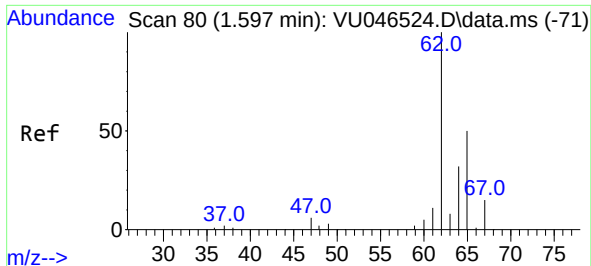
Tgt Ion: 85 Resp: 137553
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 12.351 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 50 Resp: 105059
Ion Ratio Lower Upper
50 100
52 33.9 23.0 42.8

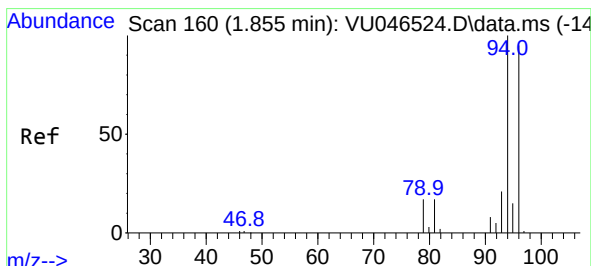
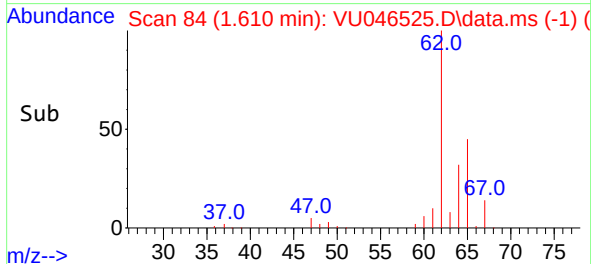
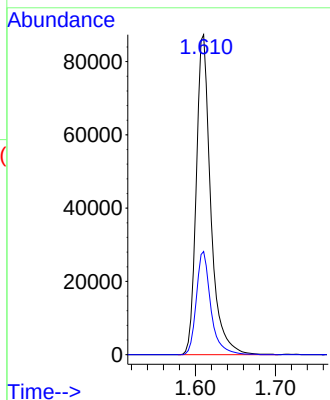
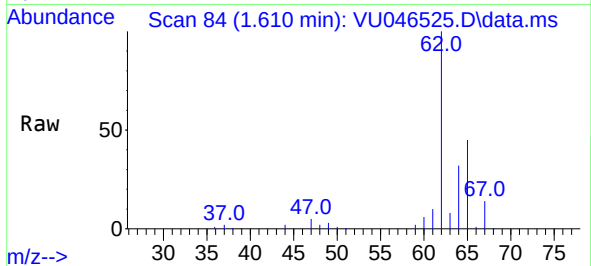




#5
 Vinyl chloride
 Concen: 12.979 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046525.D
 Acq: 21 Dec 2021 13:29

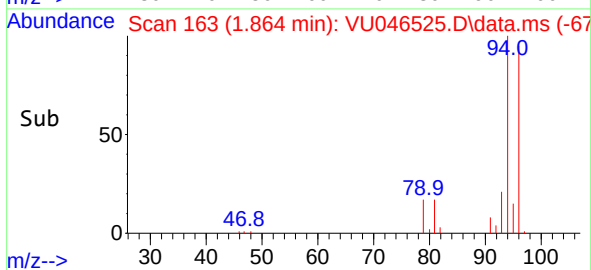
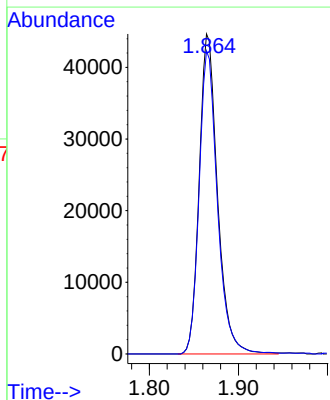
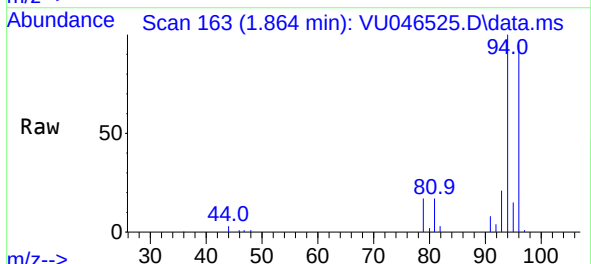
Instrument :
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 ClientSampleId :

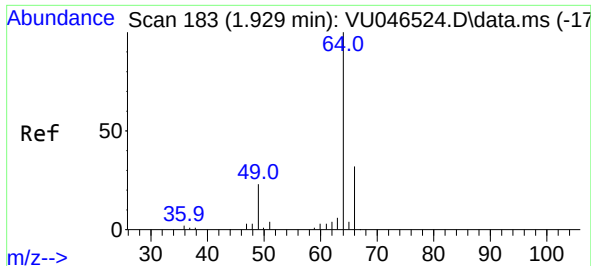
Tgt Ion: 62 Resp: 110006
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 12.636 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046525.D
 Acq: 21 Dec 2021 13:29

Tgt Ion: 94 Resp: 63655
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.5 121.6





#8

Chloroethane

Concen: 12.512 ug/L

RT: 1.941 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

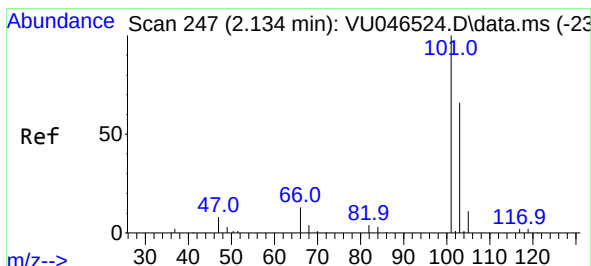
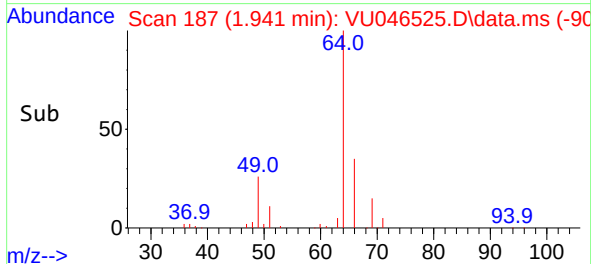
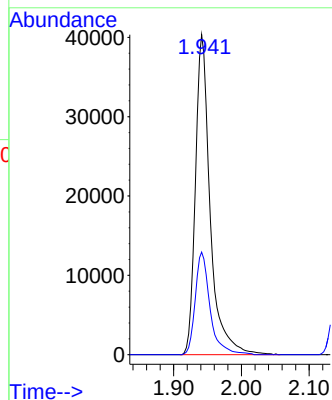
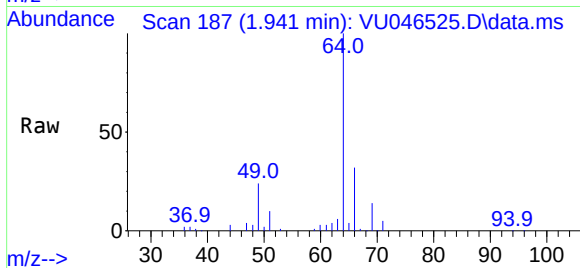
ClientSampleId :

Tgt Ion: 64 Resp: 60914

Ion Ratio Lower Upper

64 100

66 32.1 22.1 41.1



#9

Trichlorofluoromethane

Concen: 13.625 ug/L

RT: 2.147 min Scan# 251

Delta R.T. 0.013 min

Lab File: VU046525.D

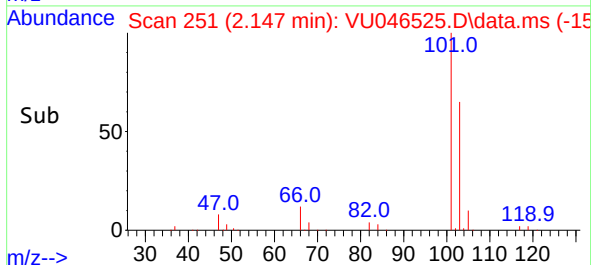
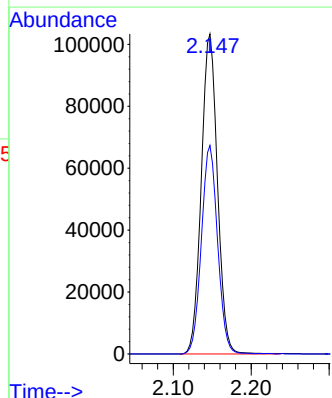
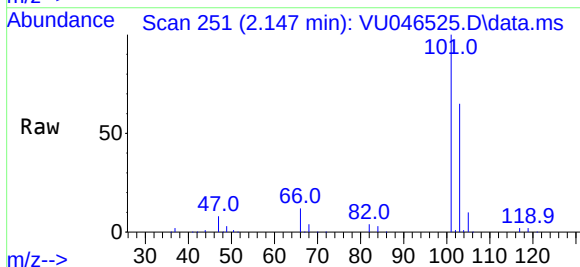
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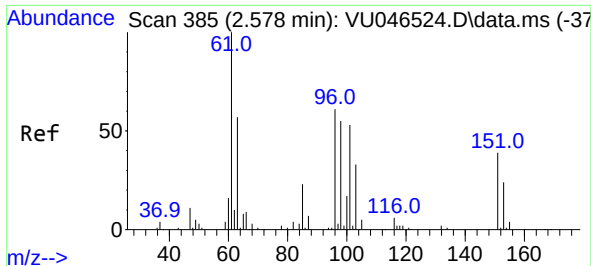
Tgt Ion:101 Resp: 148740

Ion Ratio Lower Upper

101 100

103 65.2 51.5 77.3

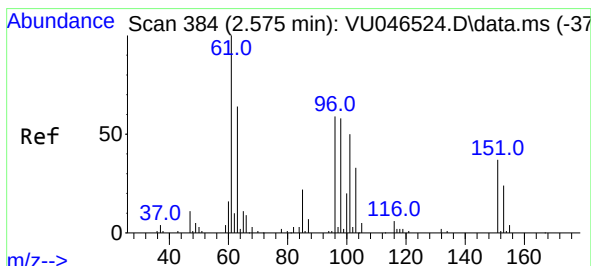
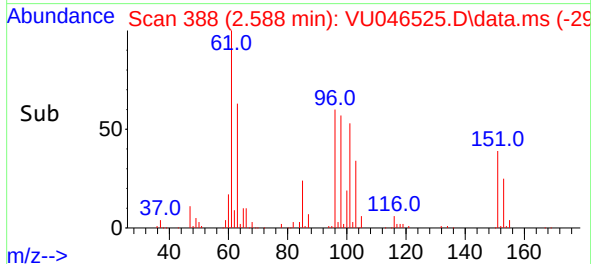
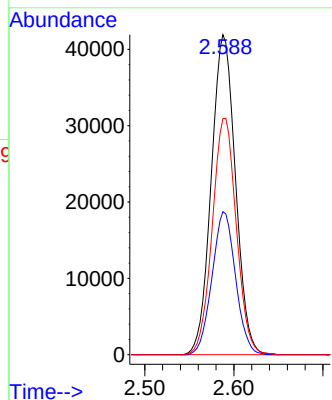
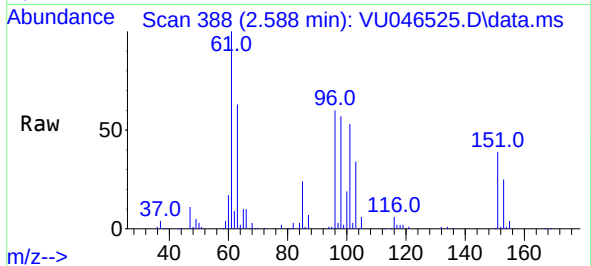




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.779 ug/L
RT: 2.588 min Scan# 385
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

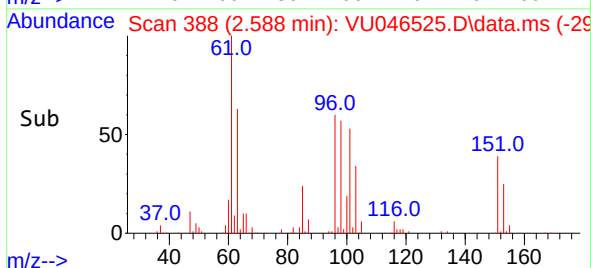
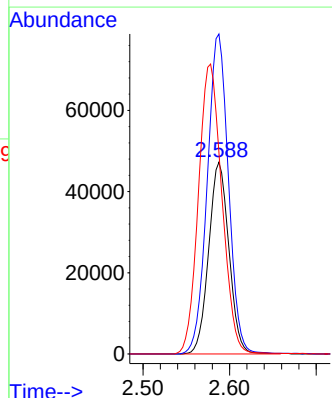
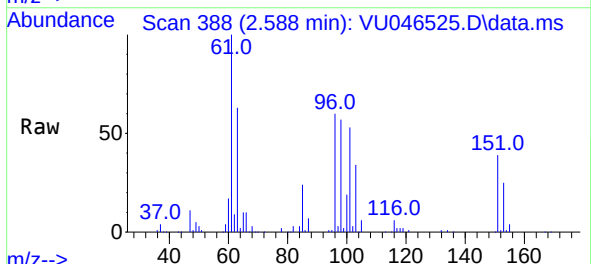
Instrument :
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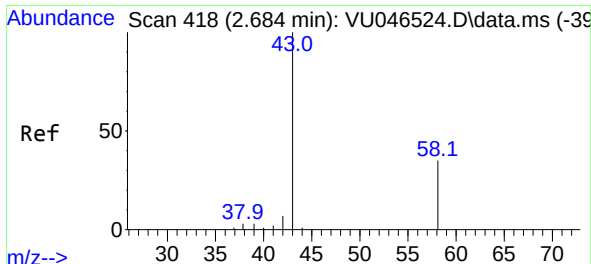
Tgt Ion:101 Resp: 79039
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 73.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 12.855 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 96 Resp: 76489
Ion Ratio Lower Upper
96 100
61 167.0 124.7 231.5
63 105.2 105.2 195.4





#13

Acetone

Concen: 128.832 ug/L

RT: 2.687 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

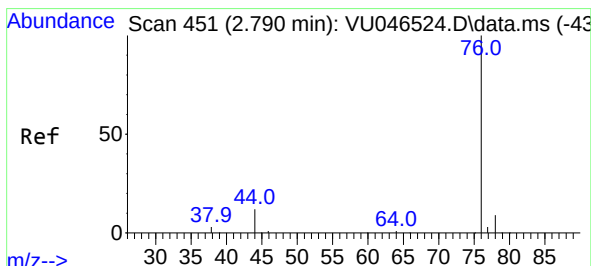
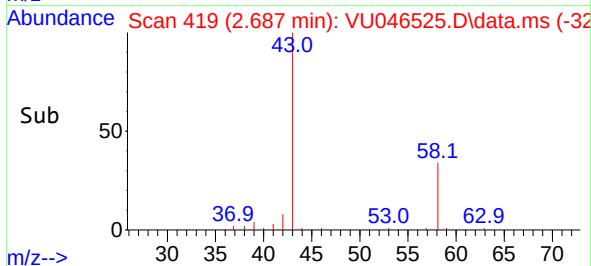
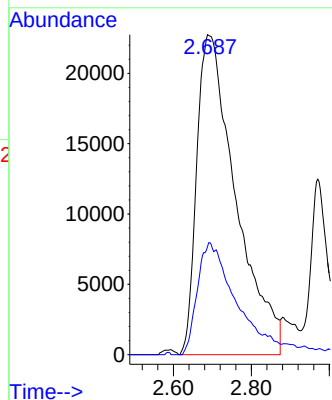
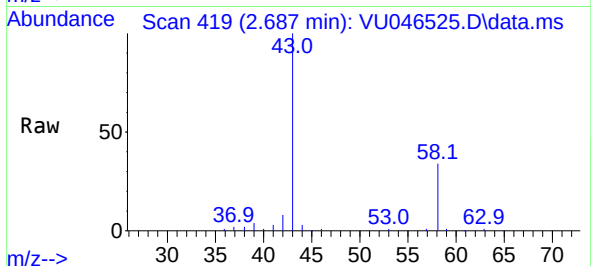
ClientSampleId :

Tgt Ion: 43 Resp: 158144

Ion Ratio Lower Upper

43 100

58 32.5 0.0 71.6



#14

Carbon disulfide

Concen: 13.079 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.010 min

Lab File: VU046525.D

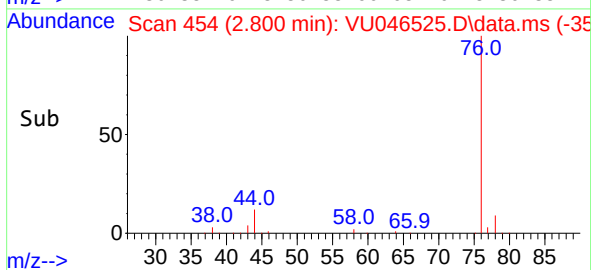
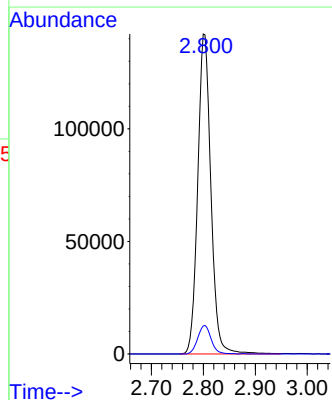
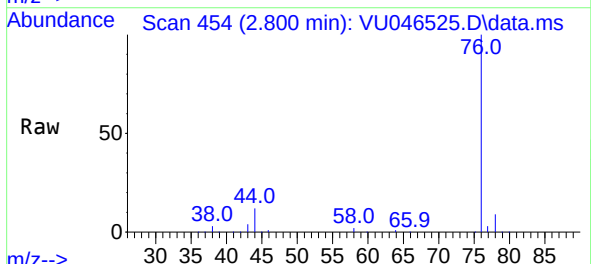
Acq: 21 Dec 2021 13:29

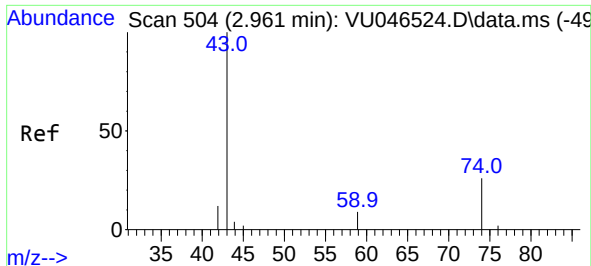
Tgt Ion: 76 Resp: 249697

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

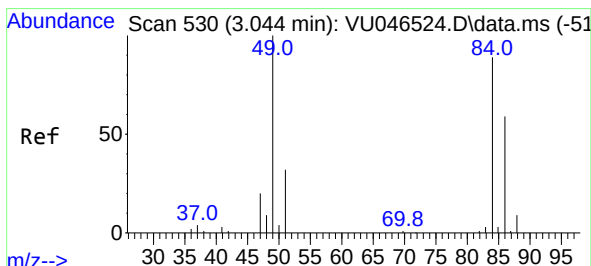
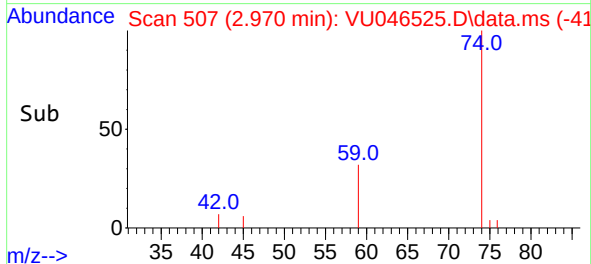
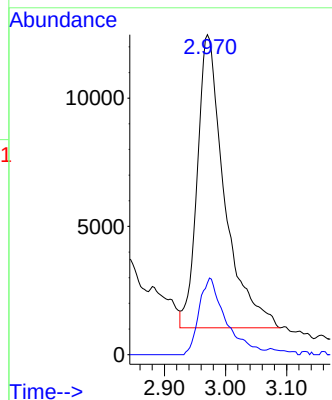
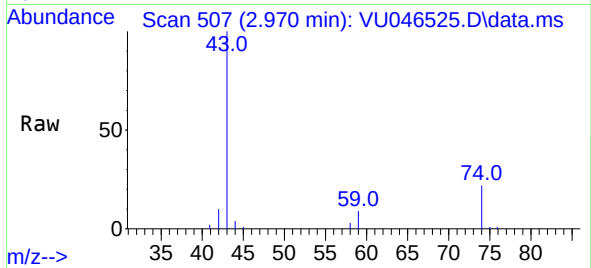




#15
Methyl Acetate
Concen: 11.694 ug/L
RT: 2.970 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

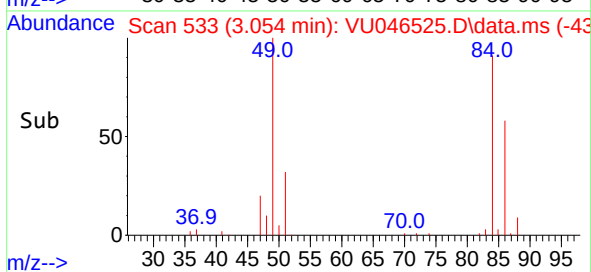
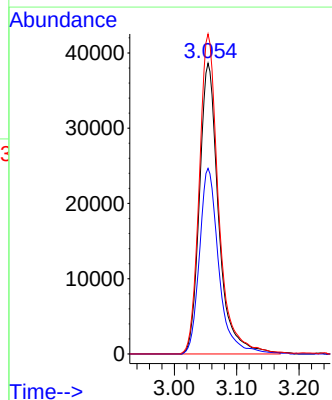
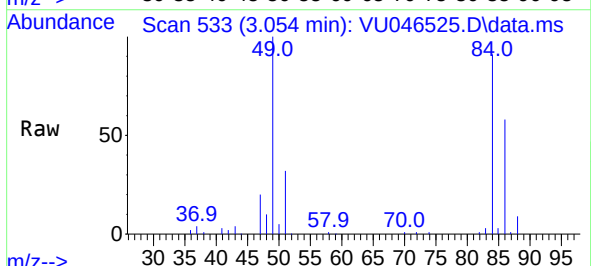
Instrument :
MSVOA_U
ClientSampleId :

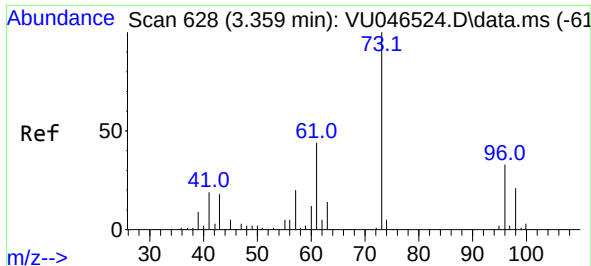
Tgt Ion: 43 Resp: 35360
Ion Ratio Lower Upper
43 100
74 25.8 19.1 28.7



#16
Methylene chloride
Concen: 9.565 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

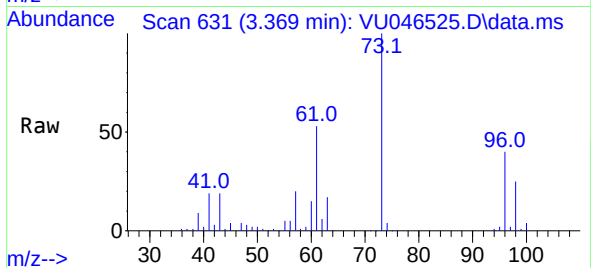
Tgt Ion: 84 Resp: 82485
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 110.1 84.5 156.9



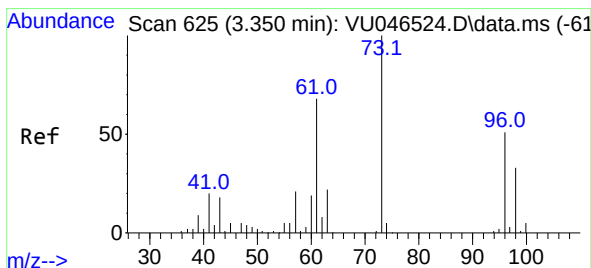
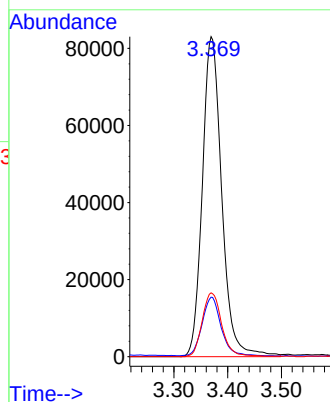
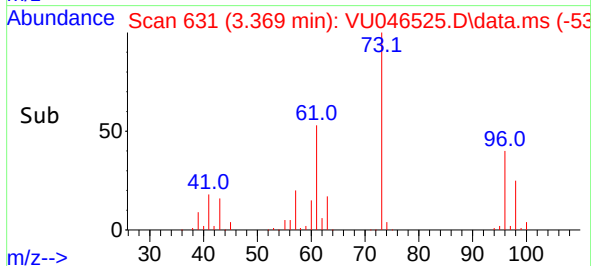


#17
Methyl tert-butyl Ether
Concen: 12.889 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :

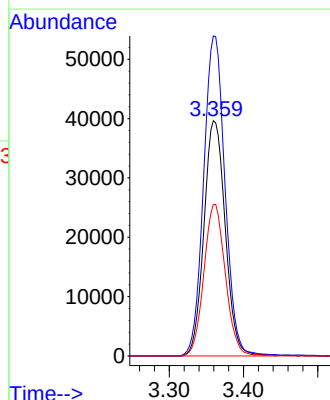
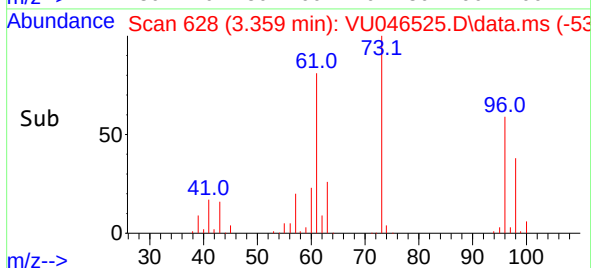
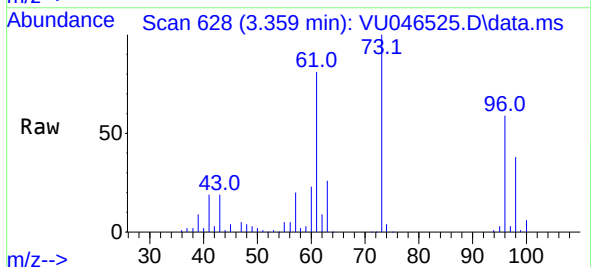


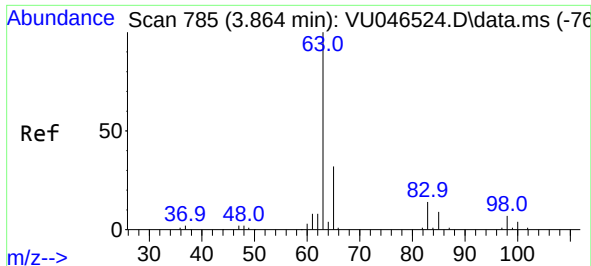
Tgt Ion: 73 Resp: 208413
Ion Ratio Lower Upper
73 100
43 18.2 14.8 22.2
57 20.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 12.310 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

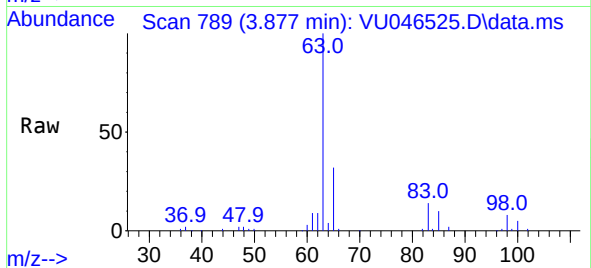
Tgt Ion: 96 Resp: 79265
Ion Ratio Lower Upper
96 100
61 136.0 100.8 187.2
98 64.3 45.1 83.7



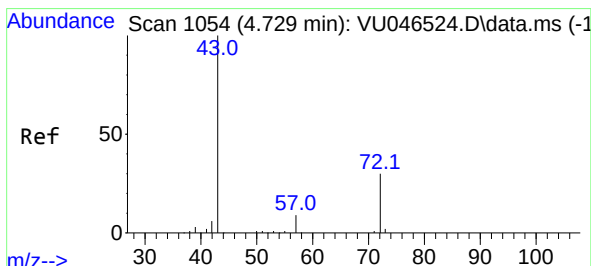
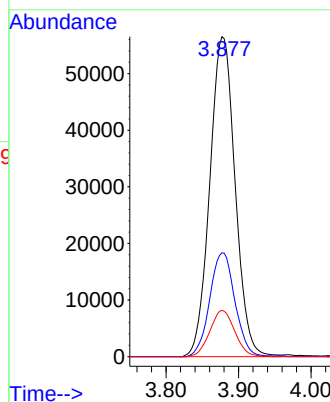
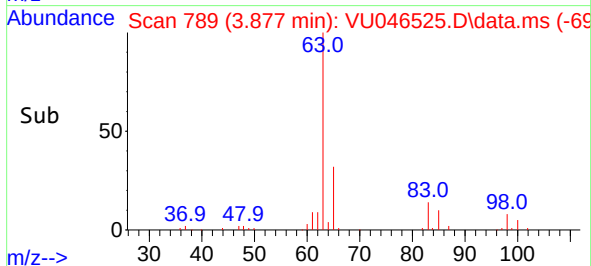


#19
1,1-Dichloroethane
Concen: 11.440 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.013 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :

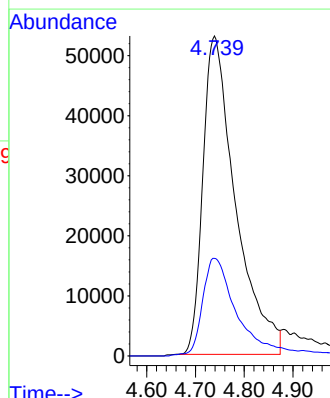
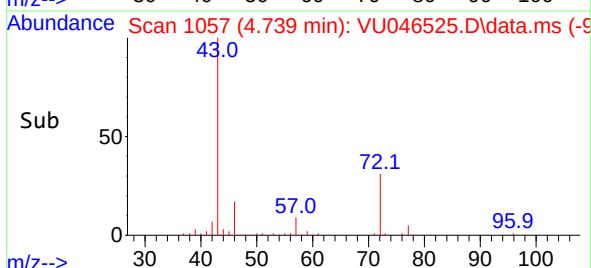
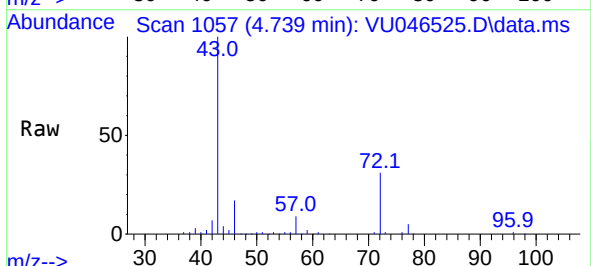


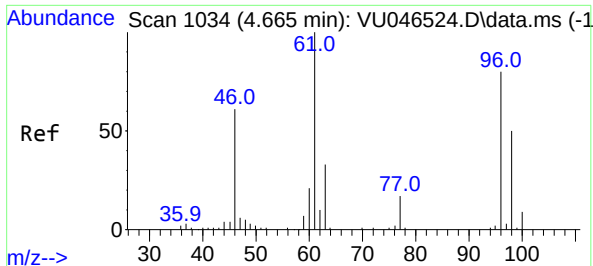
Tgt Ion: 63 Resp: 137174
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.5
83 14.4 9.6 17.8



#21
2-Butanone
Concen: 118.987 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 43 Resp: 246812
Ion Ratio Lower Upper
43 100
72 32.4 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 12.180 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

ClientSampleId :

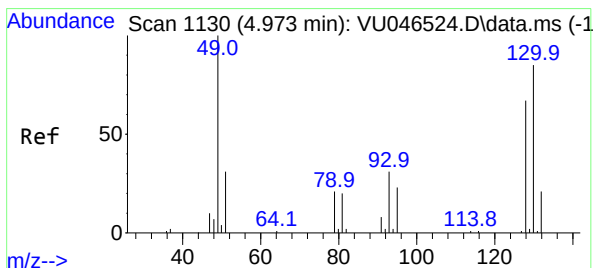
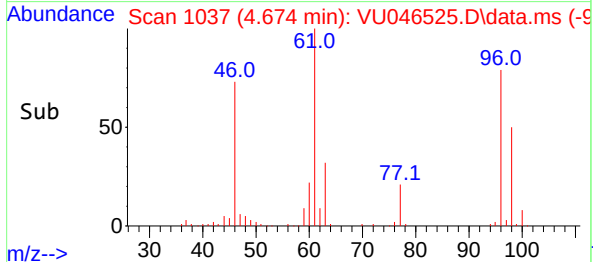
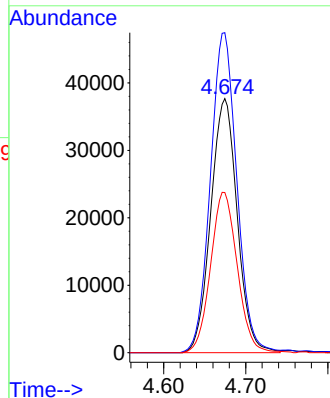
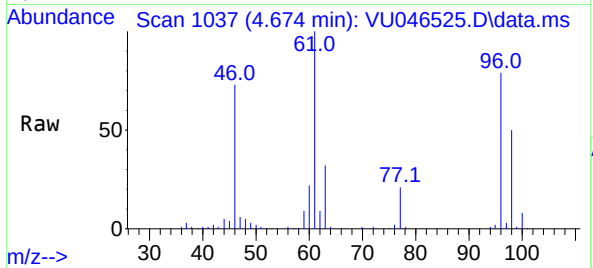
Tgt Ion: 96 Resp: 84789

Ion Ratio Lower Upper

96 100

61 126.0 88.5 164.3

98 63.0 44.4 82.5



#23

Bromochloromethane

Concen: 12.906 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Tgt Ion:128 Resp: 40404

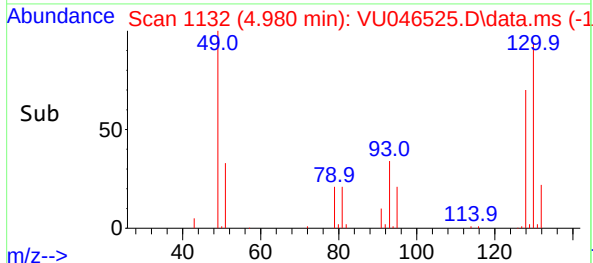
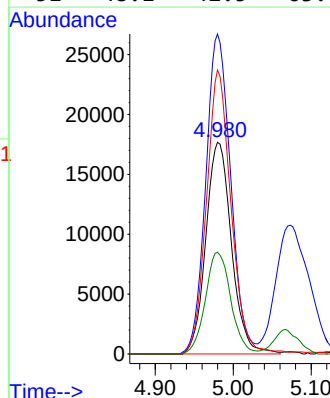
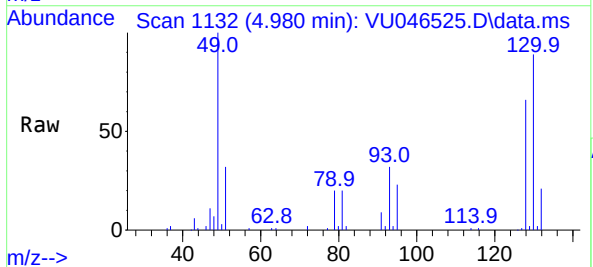
Ion Ratio Lower Upper

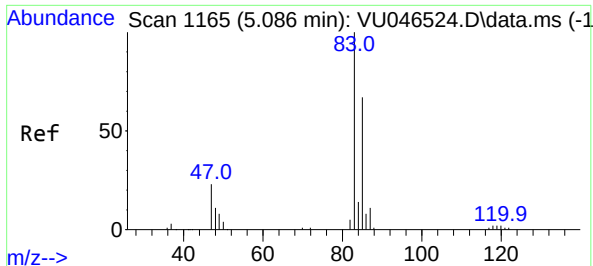
128 100

49 151.2 117.0 217.2

130 134.2 88.2 163.8

51 48.1 42.5 63.7





#25

Chloroform

Concen: 11.441 ug/L

RT: 5.092 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

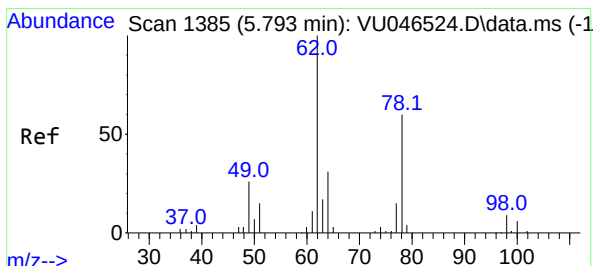
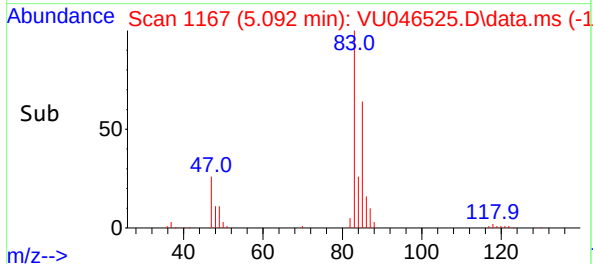
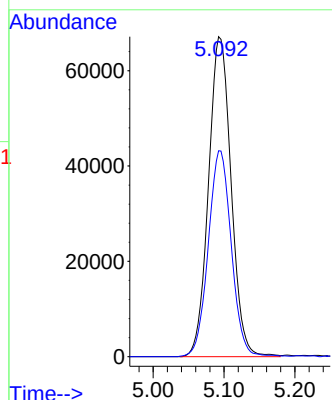
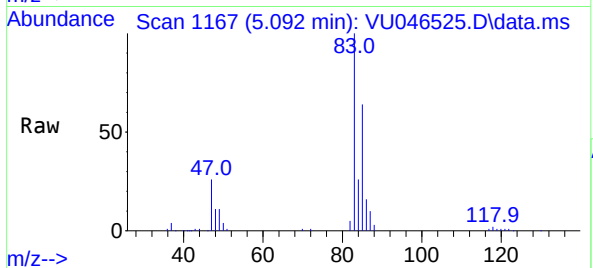
ClientSampleId :

Tgt Ion: 83 Resp: 148597

Ion Ratio Lower Upper

83 100

85 64.4 46.9 87.1



#27

1,2-Dichloroethane

Concen: 12.253 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046525.D

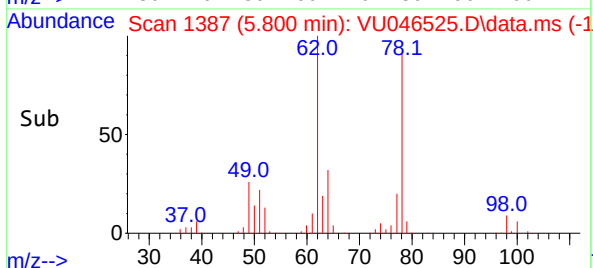
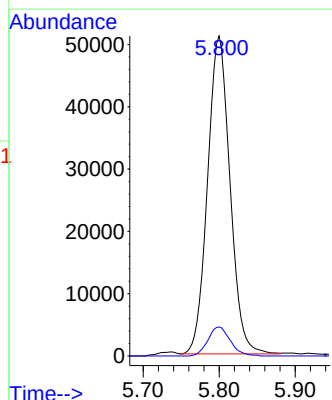
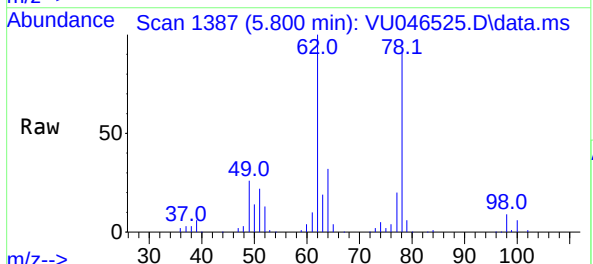
Acq: 21 Dec 2021 13:29

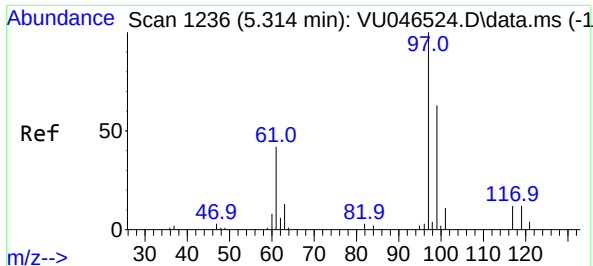
Tgt Ion: 62 Resp: 104753

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8

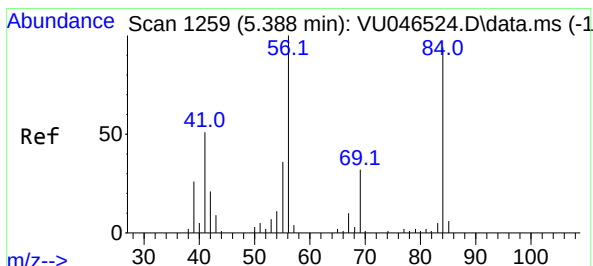
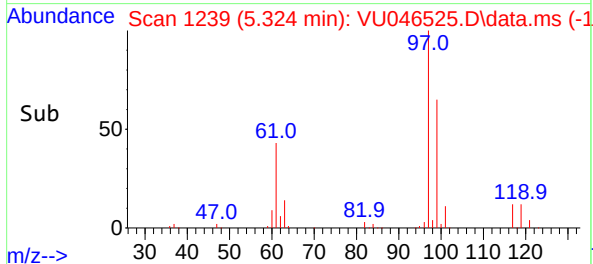
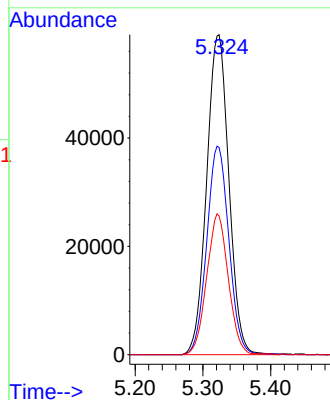
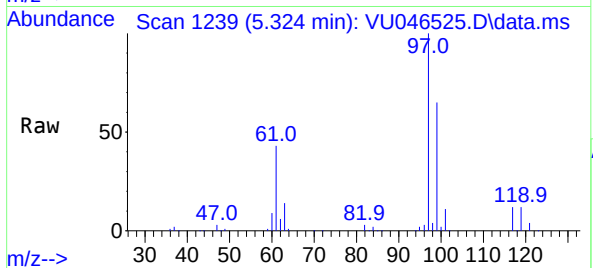




#29
1,1,1-Trichloroethane
Concen: 12.897 ug/L
RT: 5.324 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

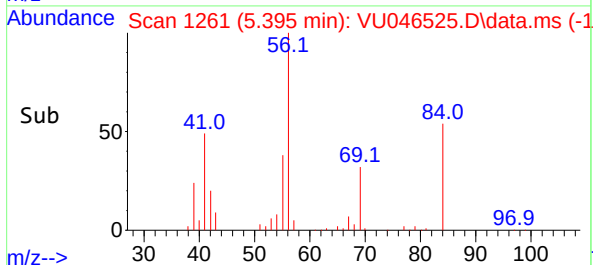
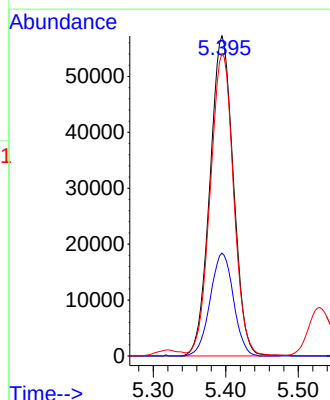
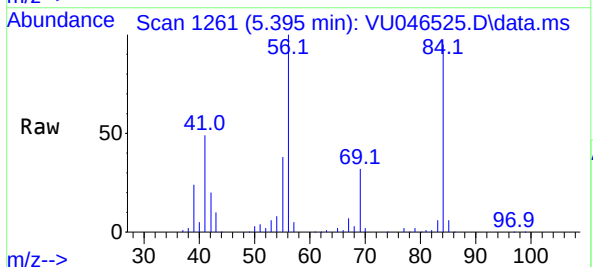
Instrument :
MSVOA_U
ClientSampleId :

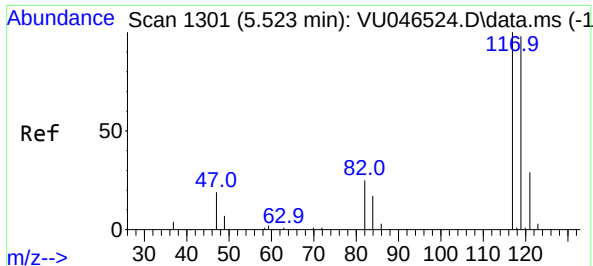
Tgt Ion: 97 Resp: 134704
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 42.8 36.1 54.1



#30
Cyclohexane
Concen: 12.993 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 56 Resp: 128303
Ion Ratio Lower Upper
56 100
69 31.9 24.7 37.1
84 93.6 71.8 107.6

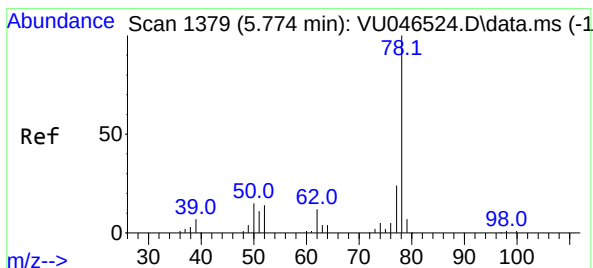
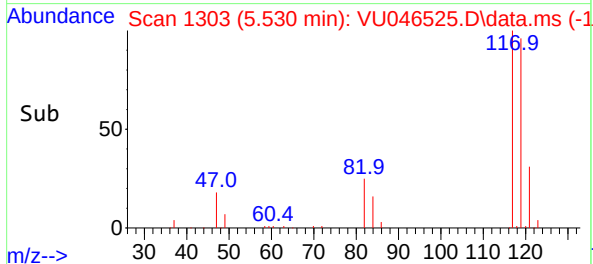
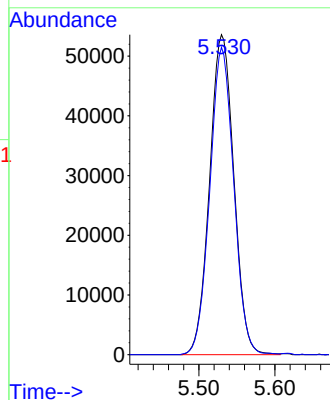
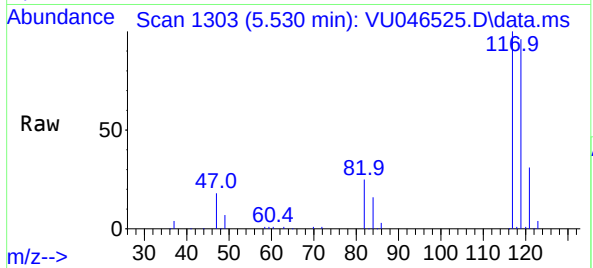




#31
Carbon tetrachloride
Concen: 13.611 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

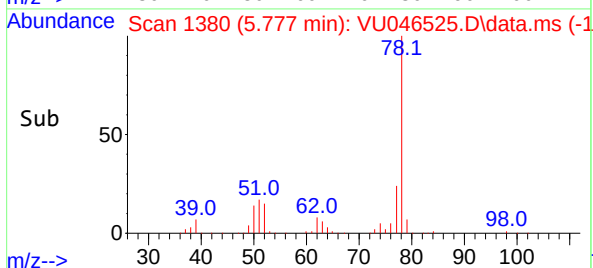
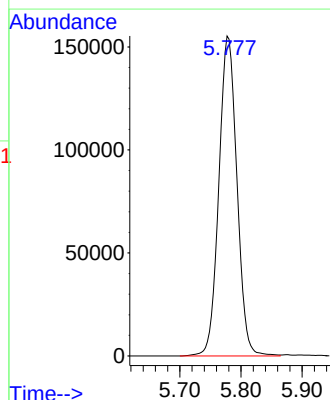
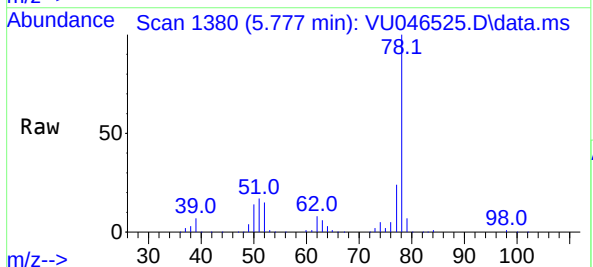
Instrument :
MSVOA_U
ClientSampleId :

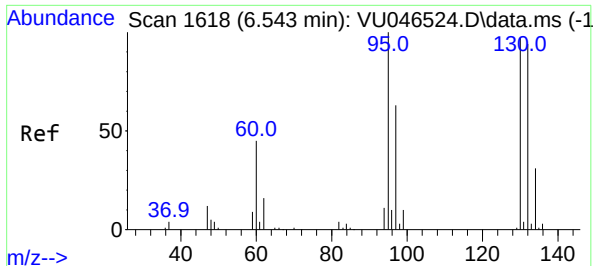
Tgt Ion:117 Resp: 118628
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 12.134 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 78 Resp: 319099

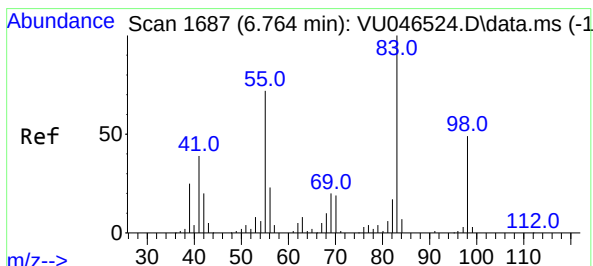
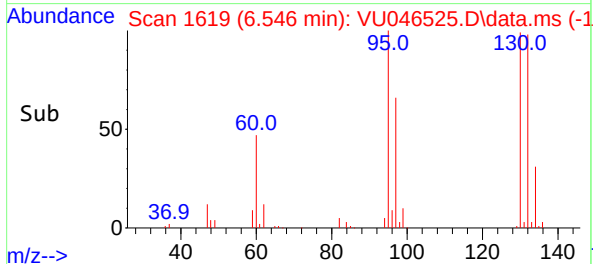
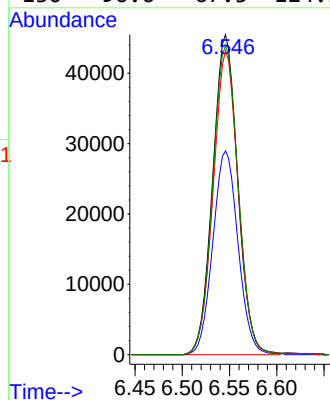
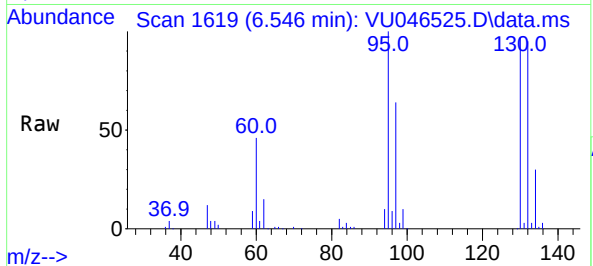




#34
Trichloroethene
Concen: 12.257 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

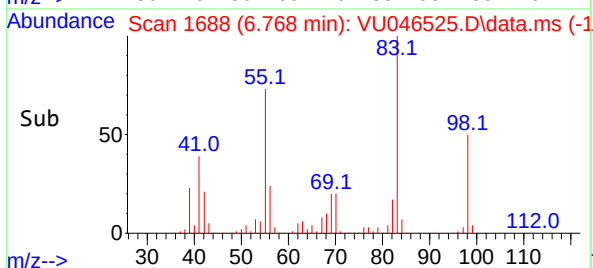
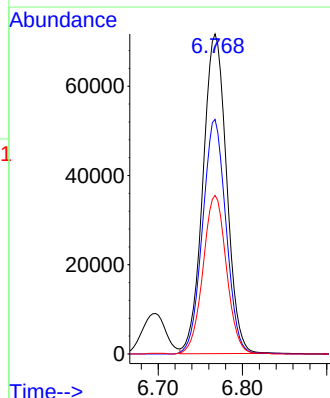
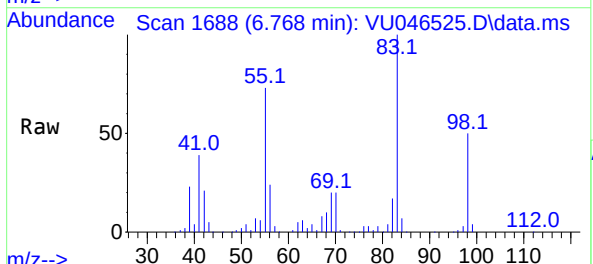
Instrument :
MSVOA_U
ClientSampleId :

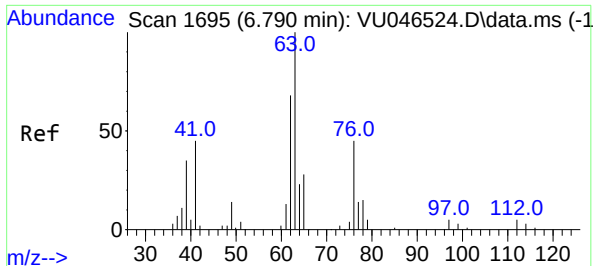
Tgt Ion: 95 Resp: 83632
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.5
132 94.9 65.1 120.9
130 96.6 67.3 124.9



#35
Methylcyclohexane
Concen: 13.631 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 83 Resp: 139962
Ion Ratio Lower Upper
83 100
55 72.6 61.9 92.9
98 49.2 39.0 58.6

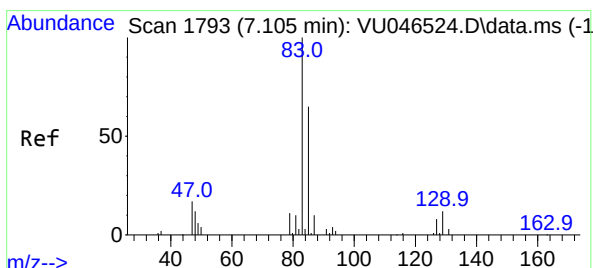
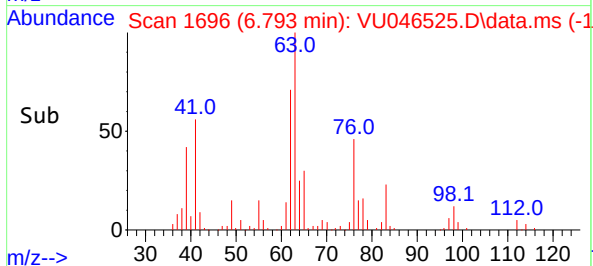
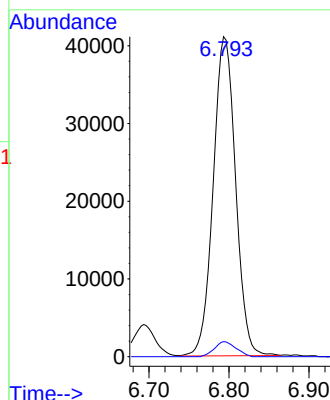
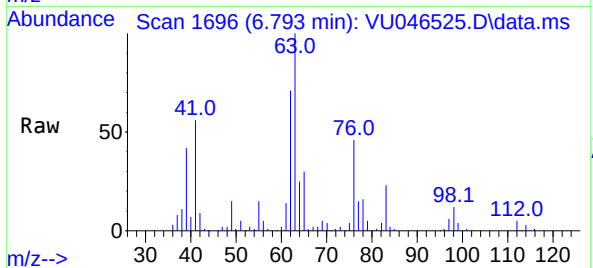




#37
1,2-Dichloropropane
Concen: 11.552 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

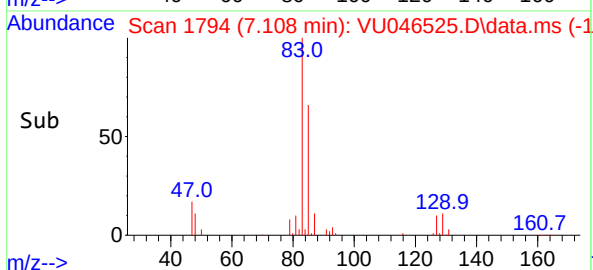
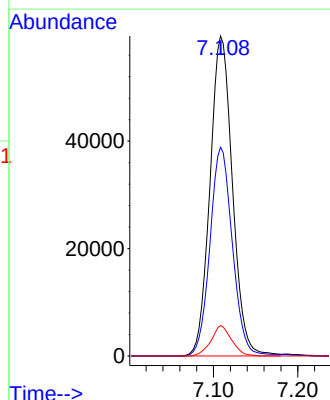
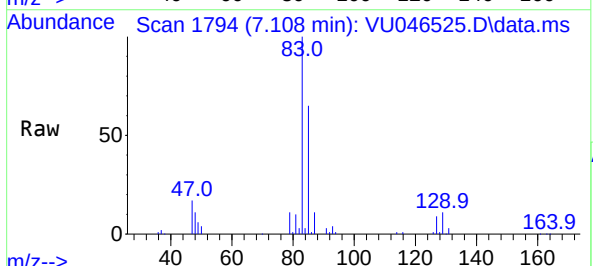
Instrument :
MSVOA_U
ClientSampleId :

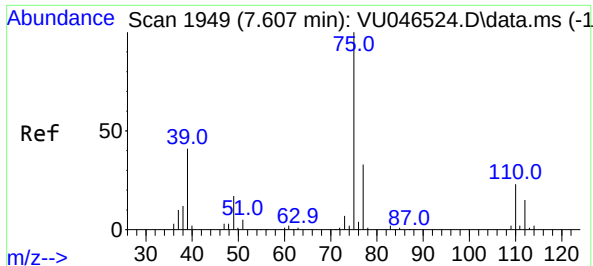
Tgt Ion: 63 Resp: 79811
Ion Ratio Lower Upper
63 100
112 4.5 3.2 4.8



#38
Bromodichloromethane
Concen: 12.677 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 83 Resp: 110287
Ion Ratio Lower Upper
83 100
85 65.3 44.0 81.8
127 9.5 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 12.876 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

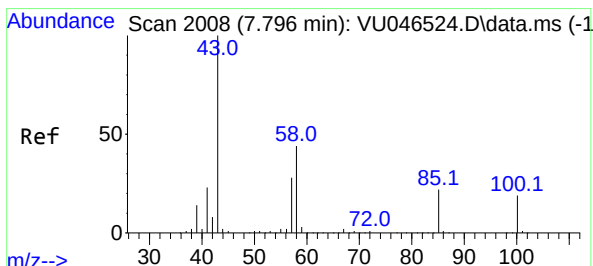
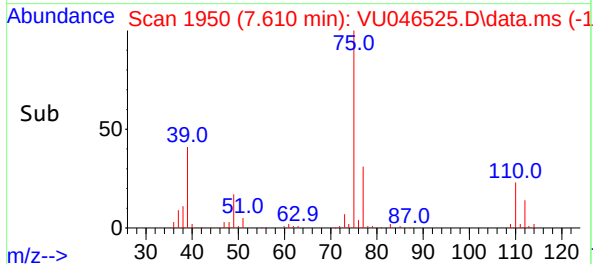
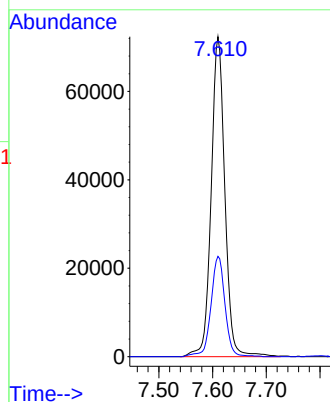
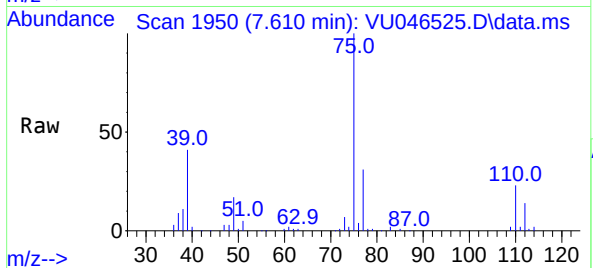
ClientSampleId :

Tgt Ion: 75 Resp: 128081

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 131.035 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

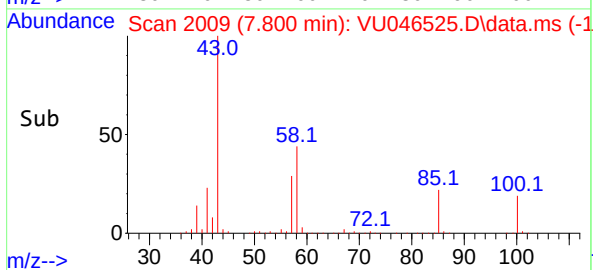
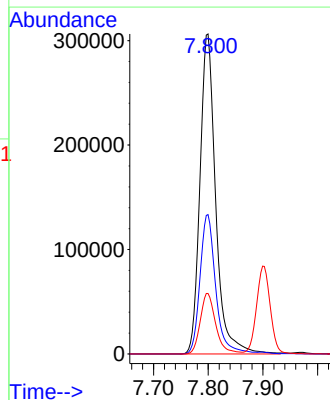
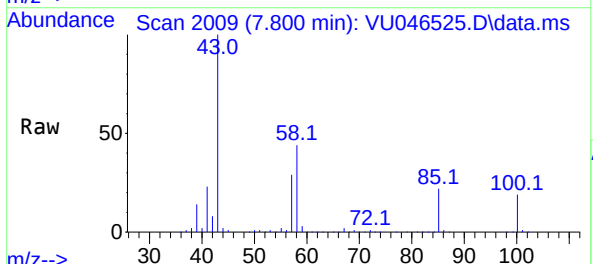
Tgt Ion: 43 Resp: 613207

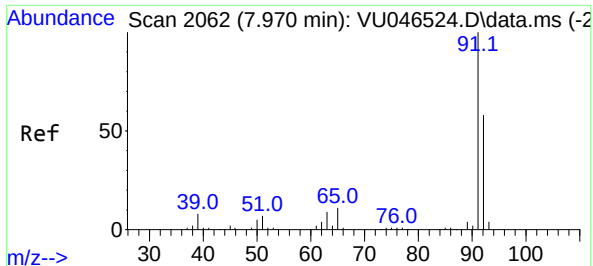
Ion Ratio Lower Upper

43 100

58 43.5 33.1 49.7

100 18.6 13.2 19.8

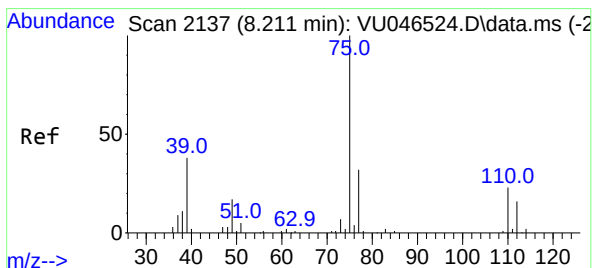
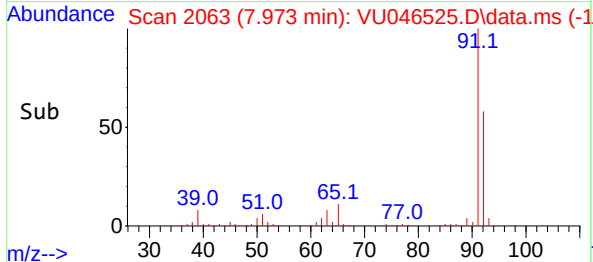
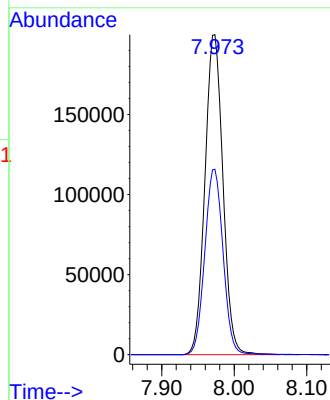
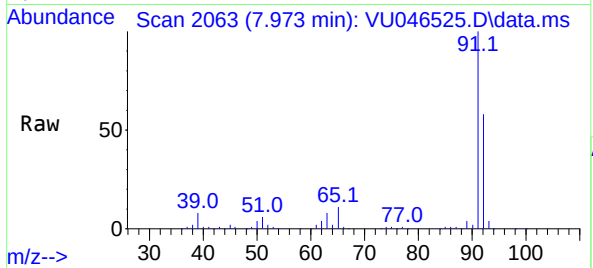




#42
Toluene
Concen: 12.767 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

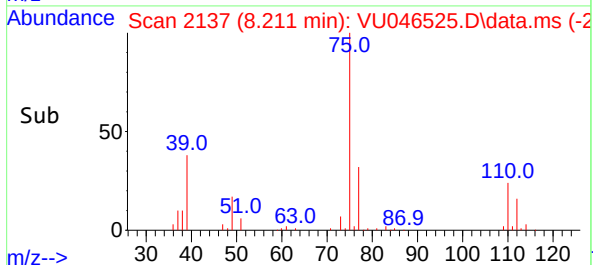
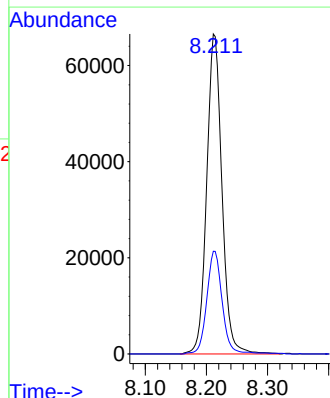
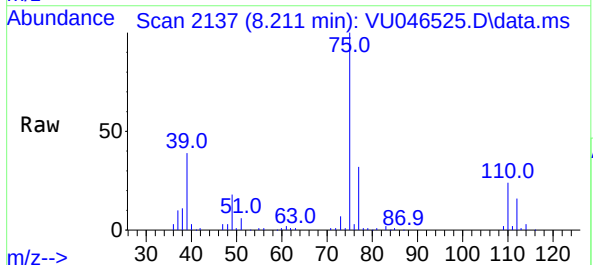
Instrument :
MSVOA_U
ClientSampleId :

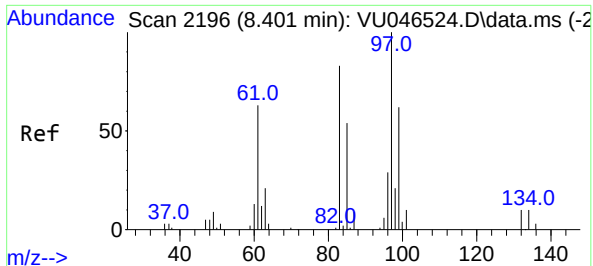
Tgt Ion: 91 Resp: 344814
Ion Ratio Lower Upper
91 100
92 58.0 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 13.139 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 75 Resp: 115402
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3



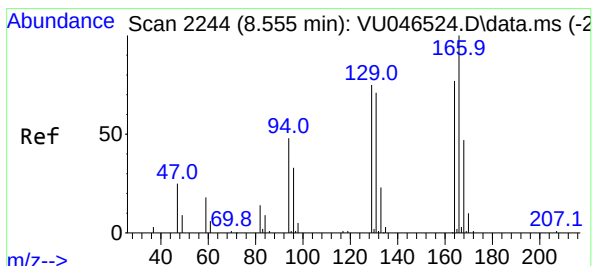
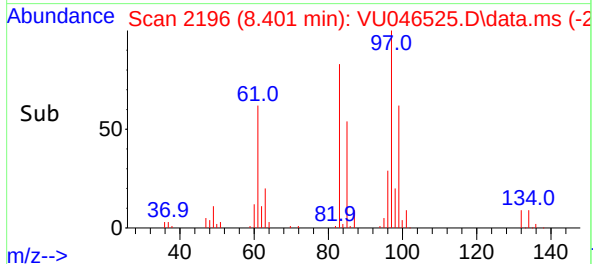
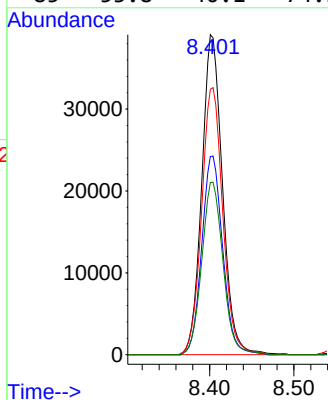
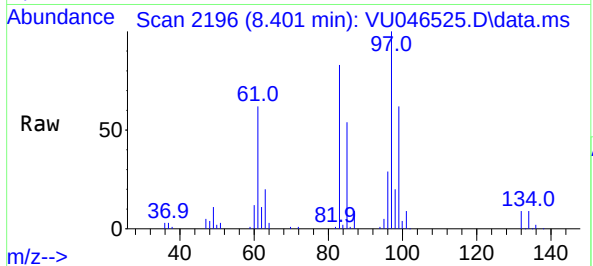


#45
1,1,2-Trichloroethane
Concen: 12.595 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 67001

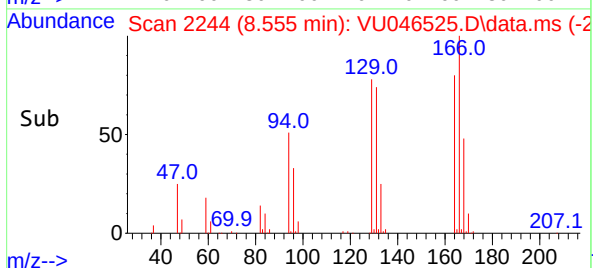
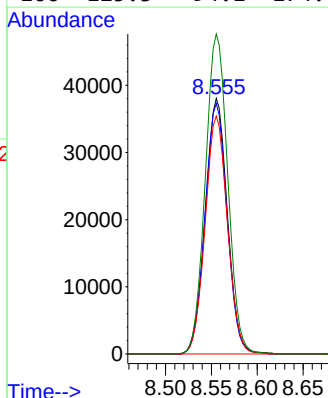
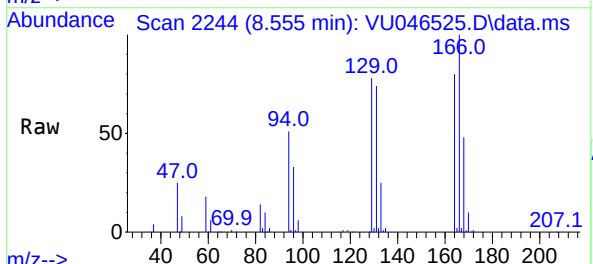
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.3	78.5
83	83.0	62.0	115.2
85	53.8	40.1	74.5

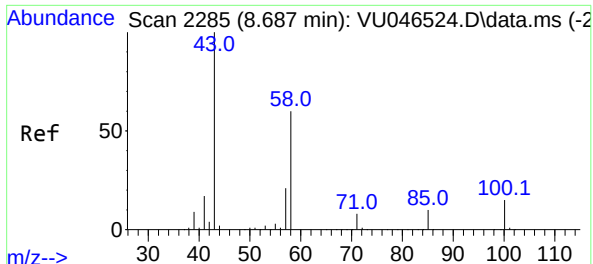


#47
Tetrachloroethene
Concen: 13.481 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 164 Resp: 63794

Ion	Ratio	Lower	Upper
164	100		
129	98.0	71.8	133.4
131	93.1	68.5	127.3
166	125.3	94.1	174.8

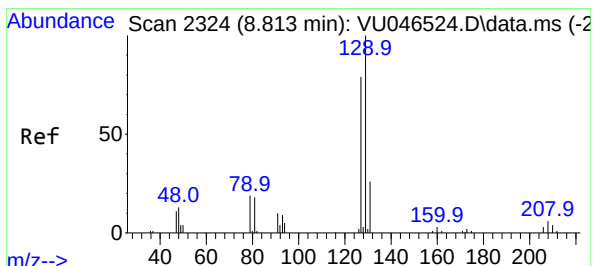
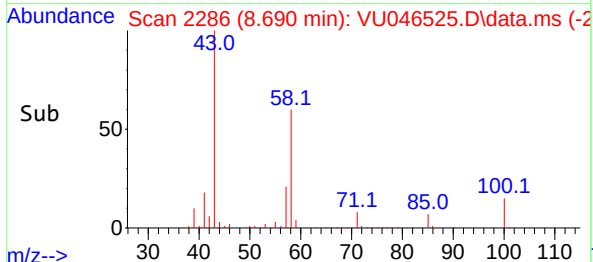
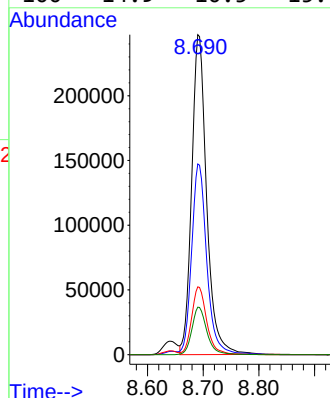
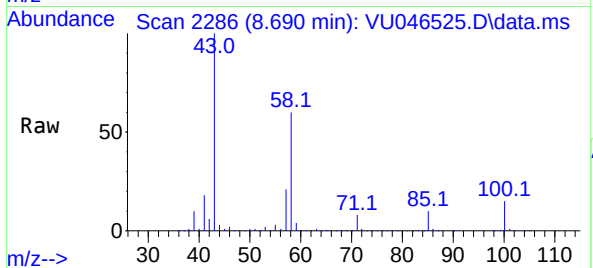




#48
2-Hexanone
Concen: 136.893 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

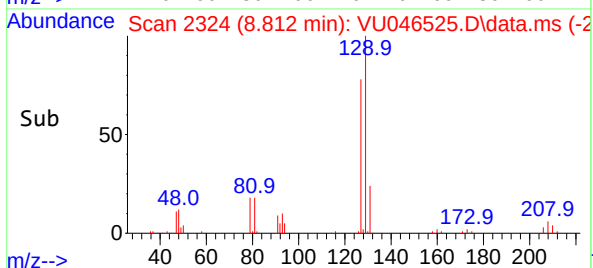
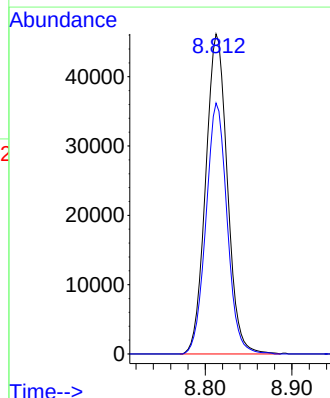
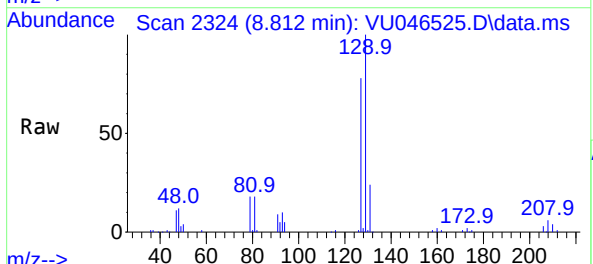
Instrument :
MSVOA_U
ClientSampleId :

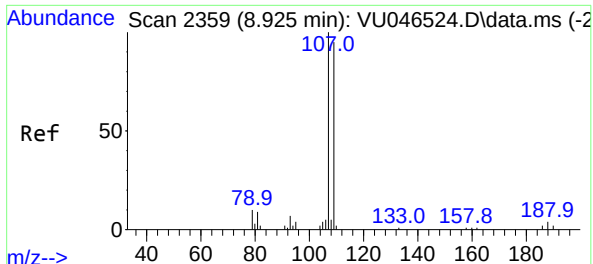
Tgt Ion: 43 Resp: 461270
Ion Ratio Lower Upper
43 100
58 60.6 46.7 70.1
57 21.2 16.3 24.5
100 14.9 10.5 15.7



#49
Dibromochloromethane
Concen: 13.280 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 129 Resp: 80360
Ion Ratio Lower Upper
129 100
127 78.4 55.4 102.8

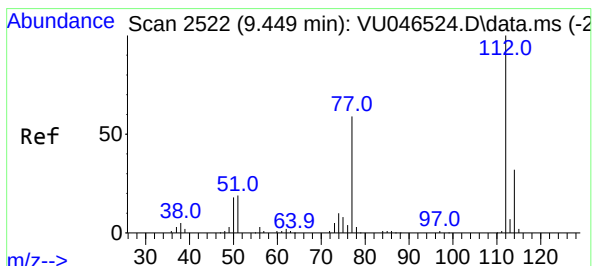
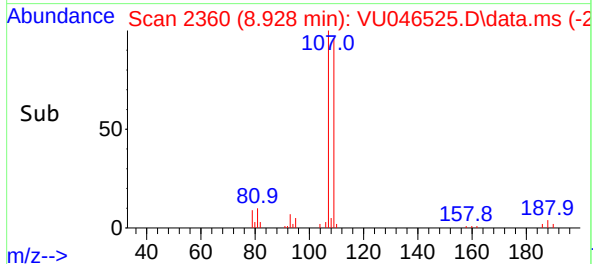
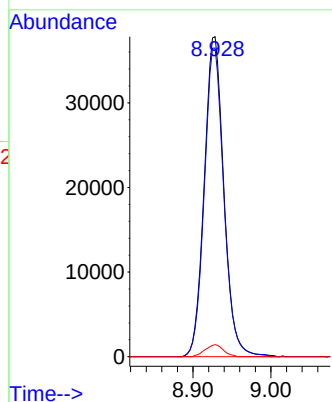
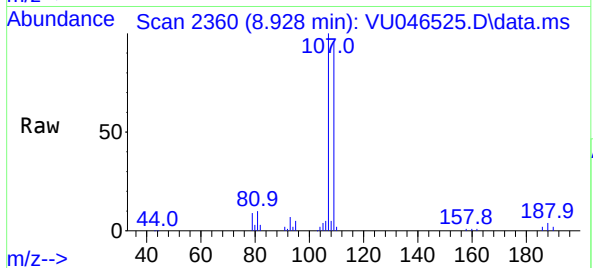




#50
1,2-Dibromoethane
Concen: 13.193 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

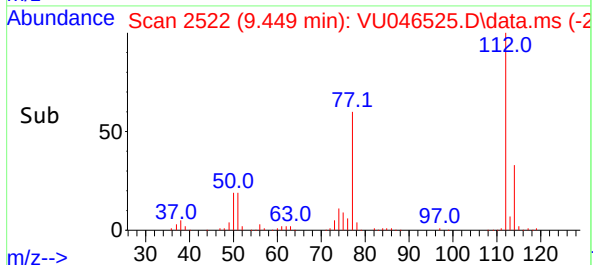
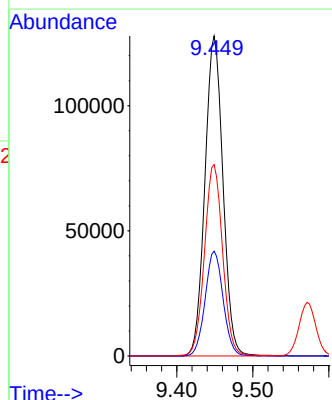
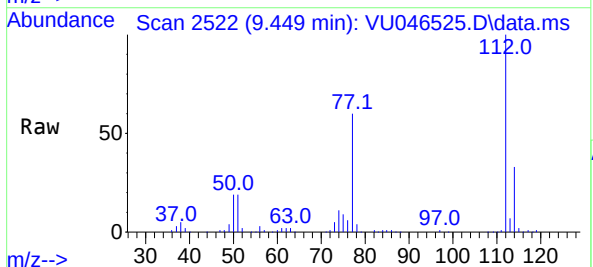
Instrument :
MSVOA_U
ClientSampleId :

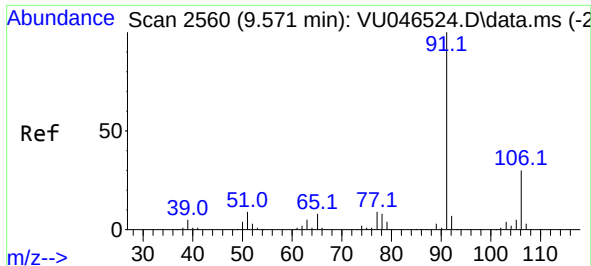
Tgt Ion:107 Resp: 66130
Ion Ratio Lower Upper
107 100
109 96.5 64.0 119.0
188 3.7 2.4 3.6#



#51
Chlorobenzene
Concen: 12.474 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:112 Resp: 210754
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 59.8 48.3 72.5

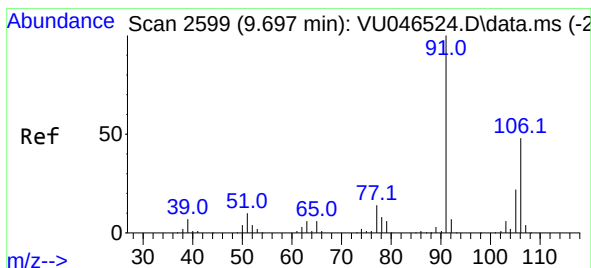
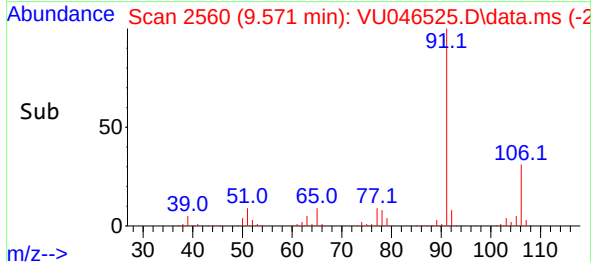
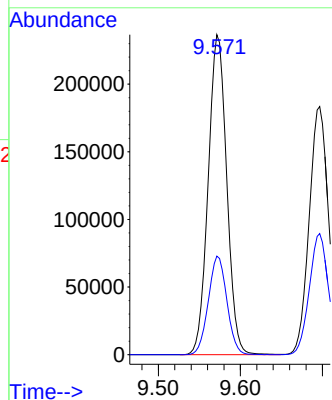
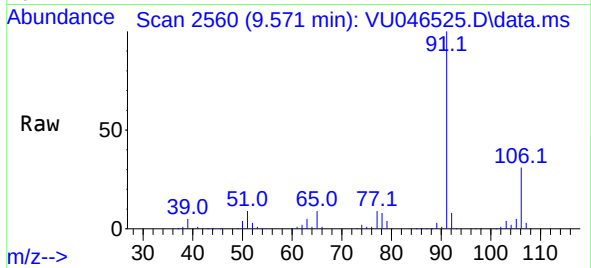




#52
Ethylbenzene
Concen: 13.219 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

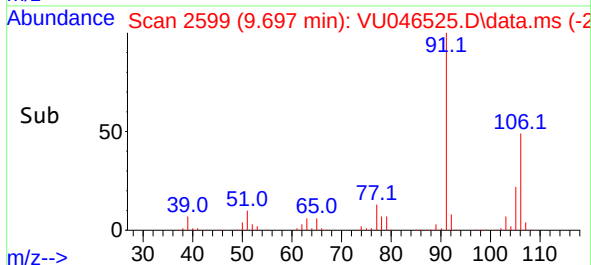
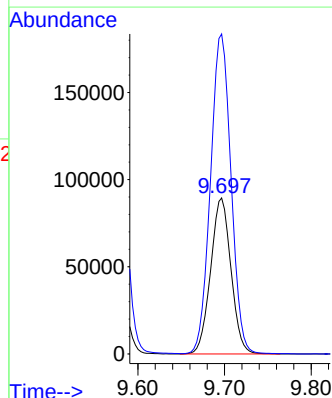
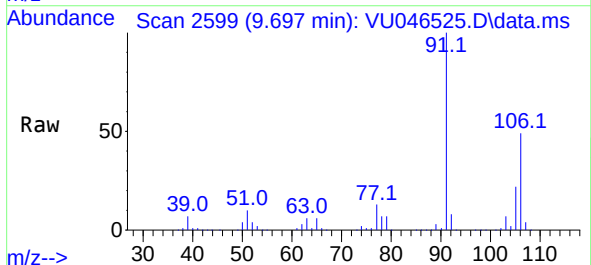
Instrument :
MSVOA_U
ClientSampleId :

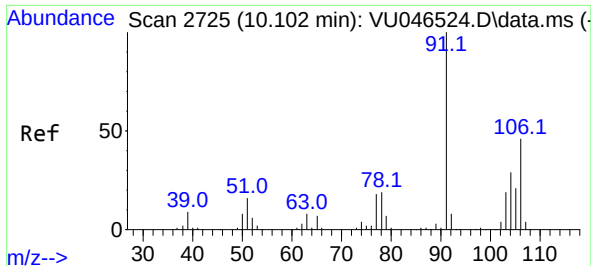
Tgt Ion: 91 Resp: 371721
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 13.595 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:106 Resp: 145793
Ion Ratio Lower Upper
106 100
91 205.1 139.4 259.0

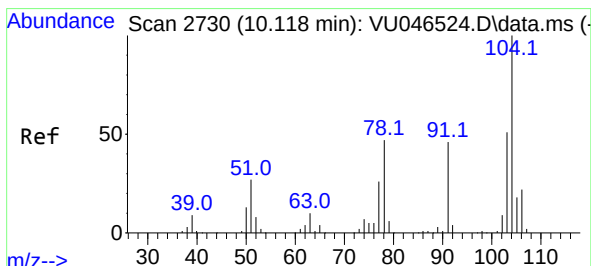
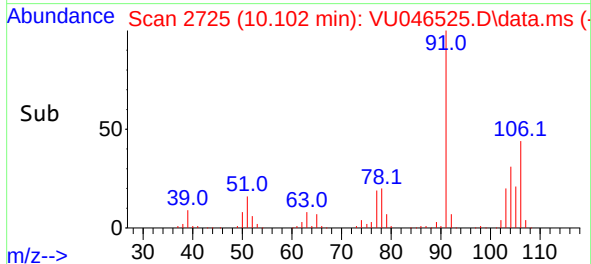
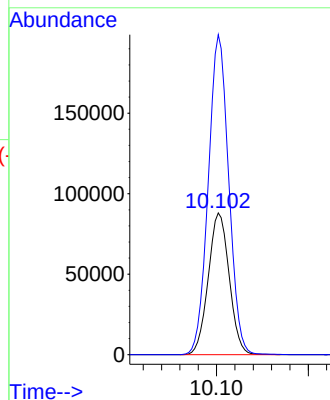
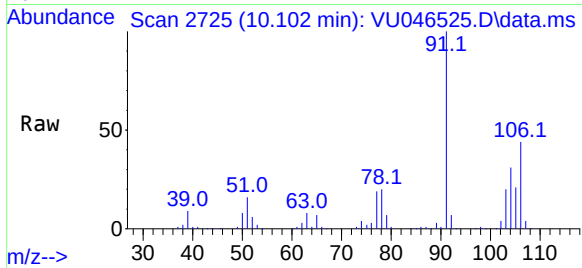




#54
o-Xylene
Concen: 13.400 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

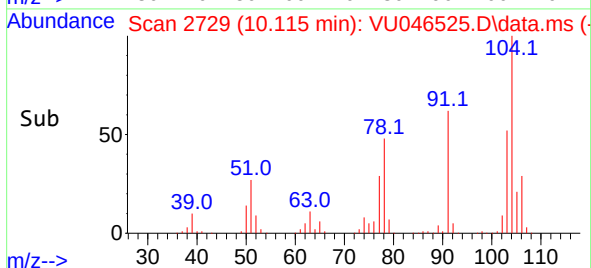
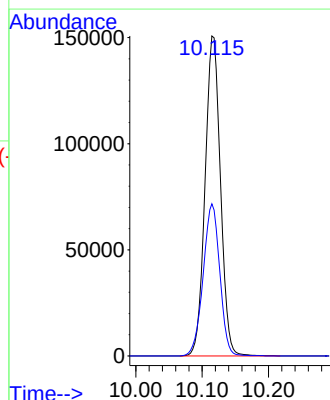
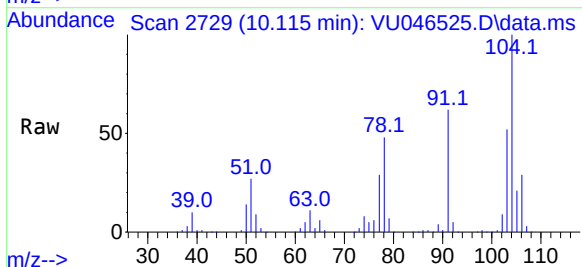
Instrument :
MSVOA_U
ClientSampleId :

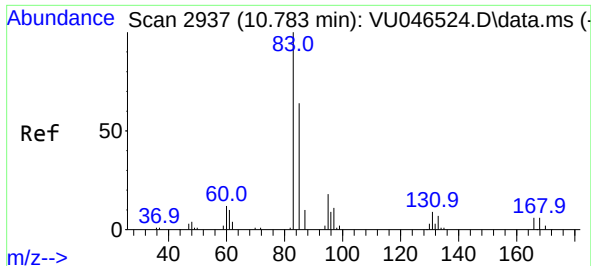
Tgt Ion:106 Resp: 139675
Ion Ratio Lower Upper
106 100
91 225.6 147.5 273.9



#55
Styrene
Concen: 13.805 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:104 Resp: 243163
Ion Ratio Lower Upper
104 100
78 47.6 33.0 61.4

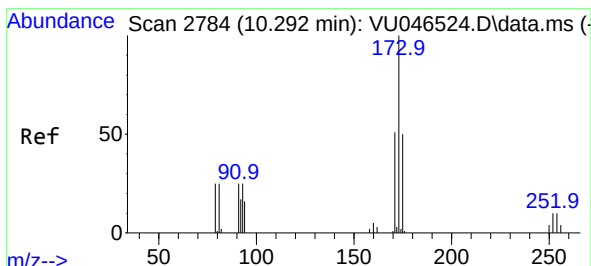
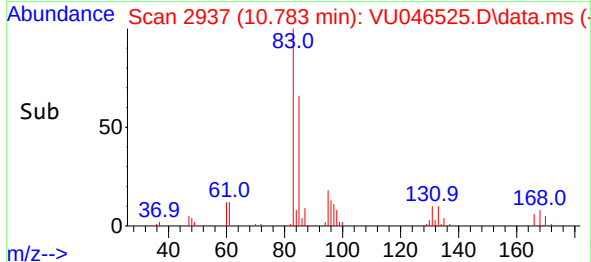
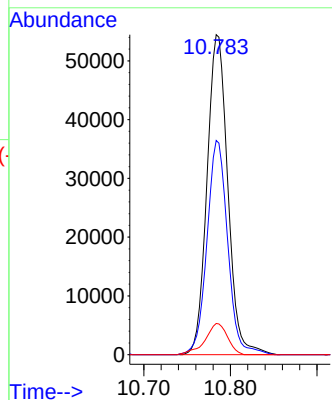
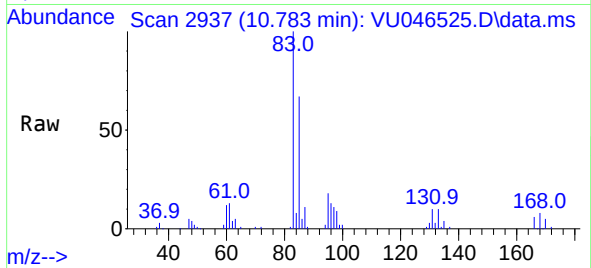




#57
1,1,2,2-Tetrachloroethane
Concen: 13.371 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

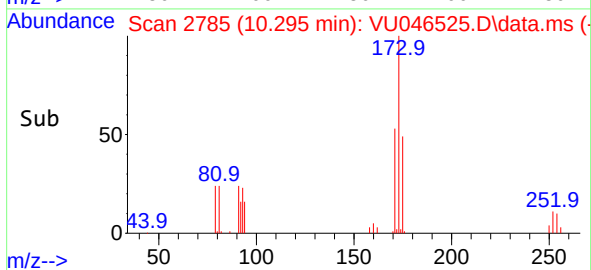
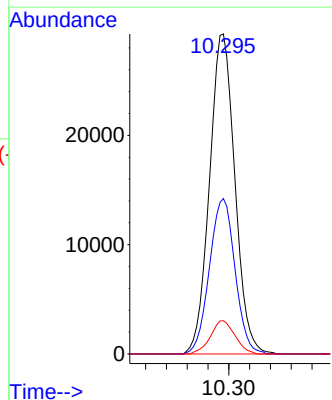
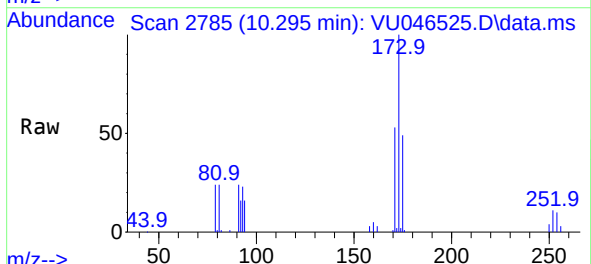
Instrument :
MSVOA_U
ClientSampleId :

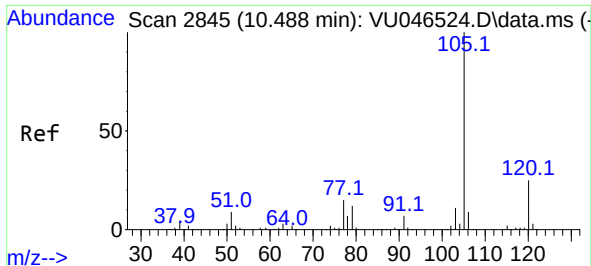
Tgt Ion: 83 Resp: 90719
Ion Ratio Lower Upper
83 100
85 67.0 47.9 89.1
131 9.7 8.1 12.1



#59
Bromoform
Concen: 13.370 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:173 Resp: 49649
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.6
254 10.1 7.3 10.9

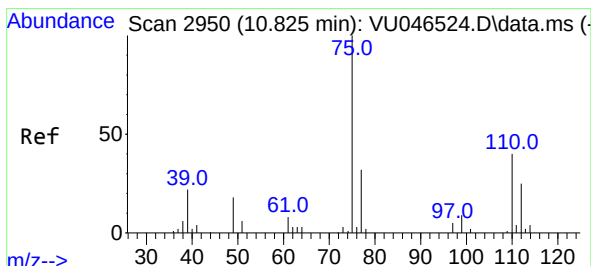
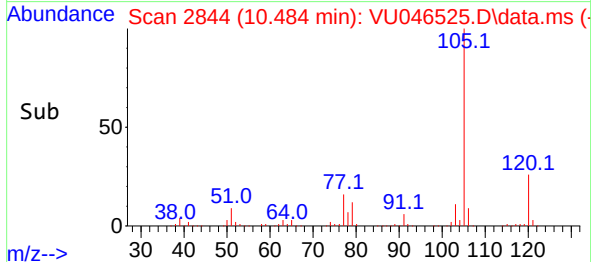
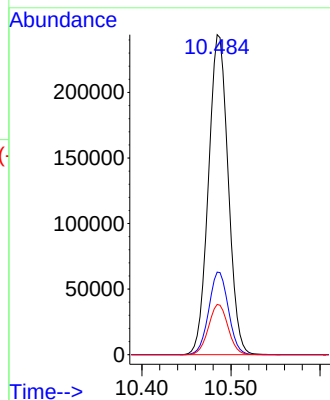
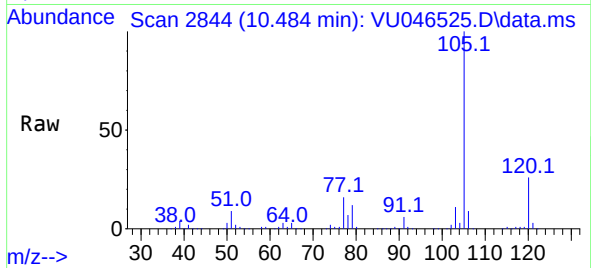




#60
Isopropylbenzene
Concen: 12.383 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

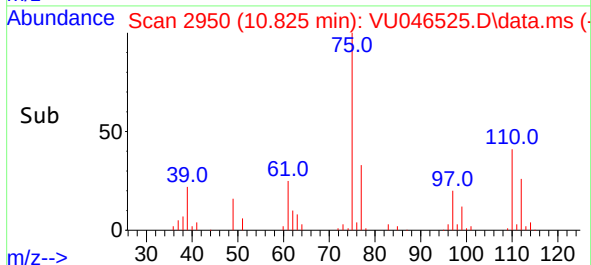
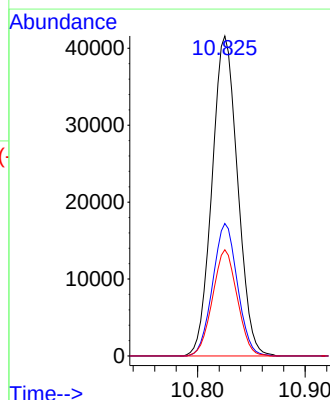
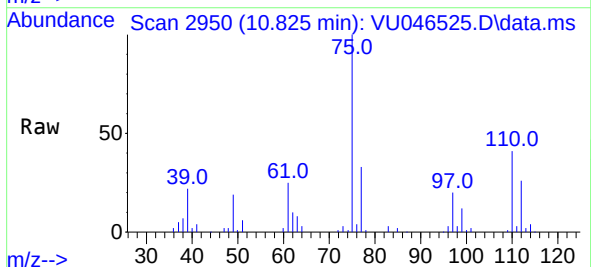
Instrument :
MSVOA_U
ClientSampleId :

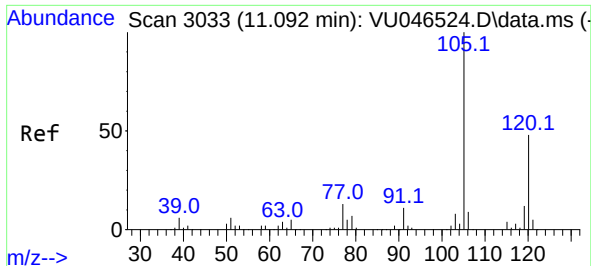
Tgt Ion:105 Resp: 374131
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 12.179 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion: 75 Resp: 68661
Ion Ratio Lower Upper
75 100
110 40.1 29.9 44.9
77 32.0 25.5 38.3

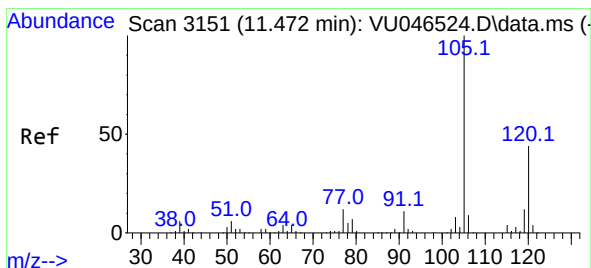
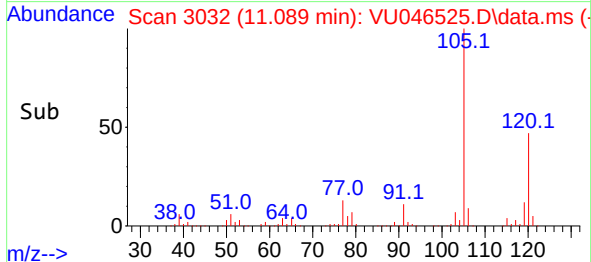
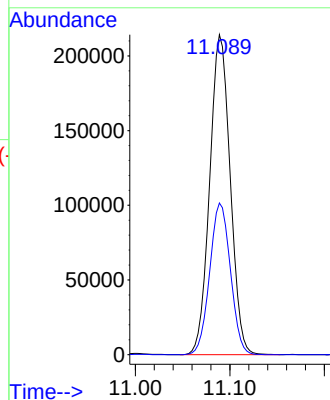
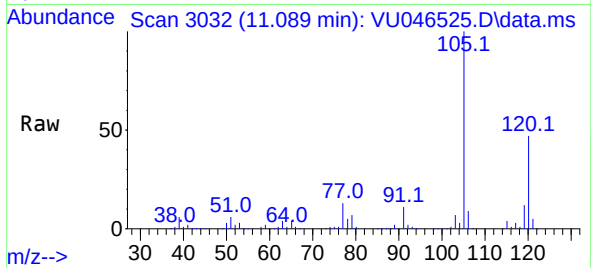




#62
1,3,5-Trimethylbenzene
Concen: 12.966 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

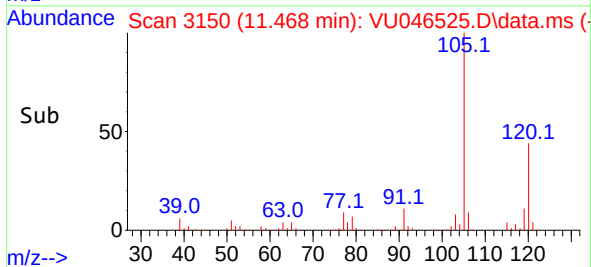
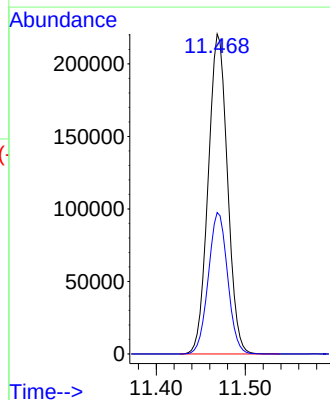
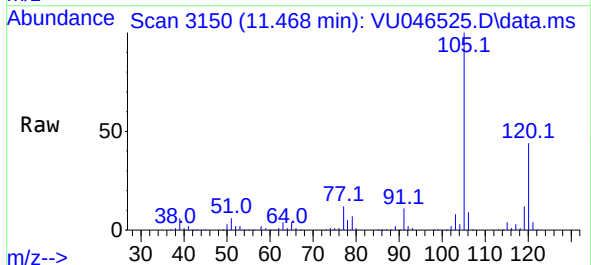
Instrument :
MSVOA_U
ClientSampleId :

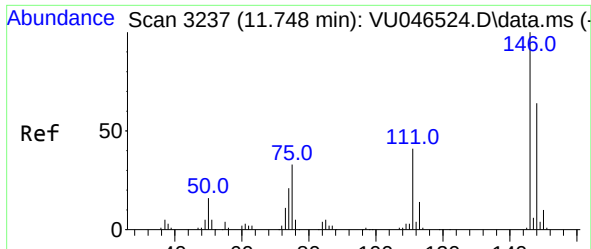
Tgt Ion:105 Resp: 322805
Ion Ratio Lower Upper
105 100
120 47.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 13.268 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:105 Resp: 331359
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.8

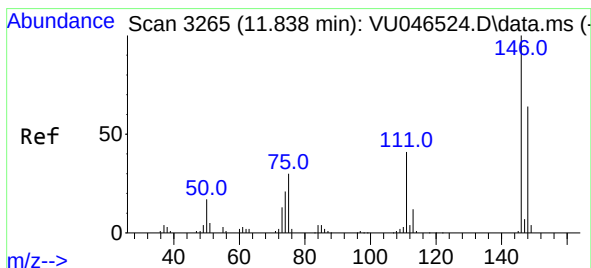
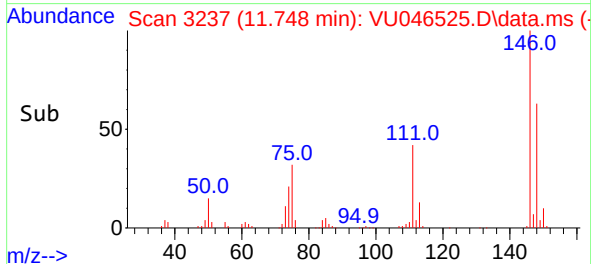
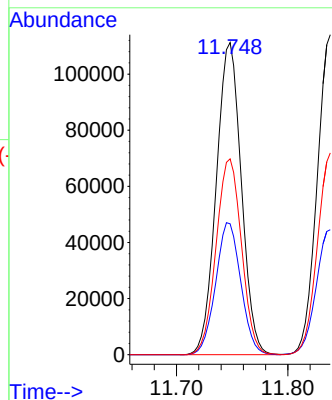
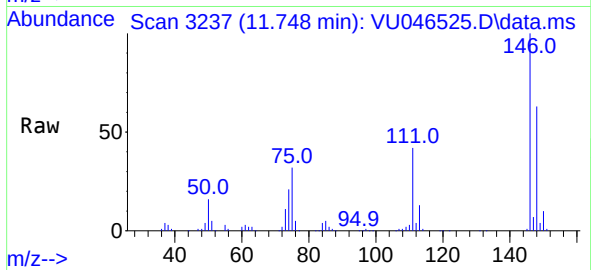




#64
1,3-Dichlorobenzene
Concen: 12.256 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

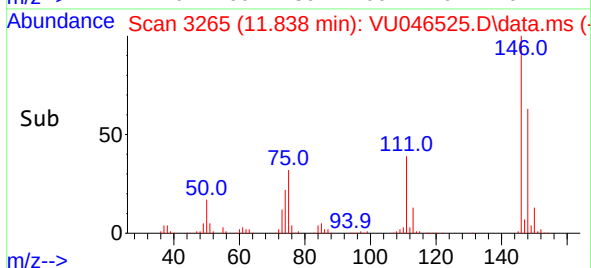
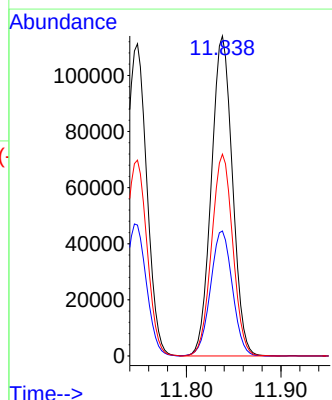
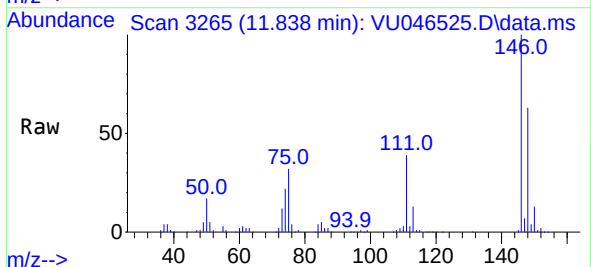
Instrument :
MSVOA_U
ClientSampleId :

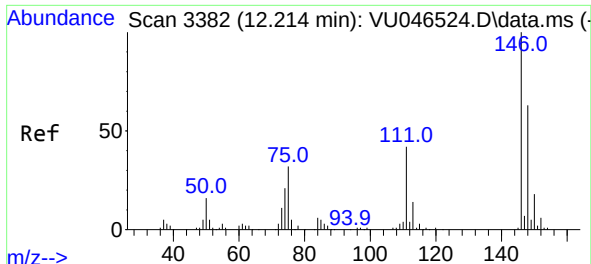
Tgt Ion:146 Resp: 173626
Ion Ratio Lower Upper
146 100
111 41.9 29.9 55.5
148 62.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 12.307 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:146 Resp: 177093
Ion Ratio Lower Upper
146 100
111 39.0 28.7 53.3
148 63.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 12.594 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

ClientSampleId :

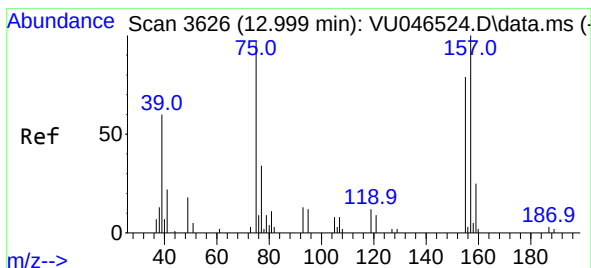
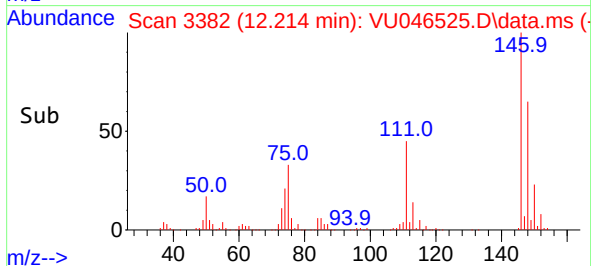
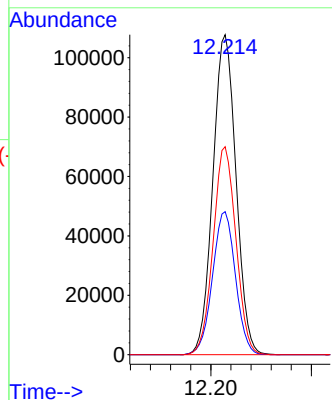
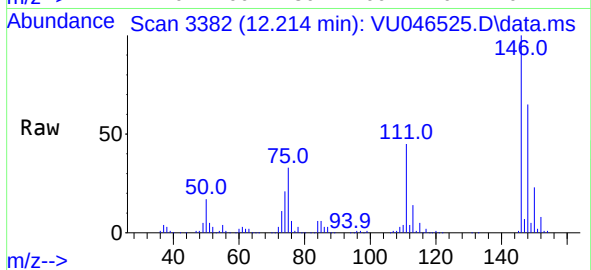
Tgt Ion:146 Resp: 172138

Ion Ratio Lower Upper

146 100

111 44.7 35.4 53.0

148 65.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 13.546 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

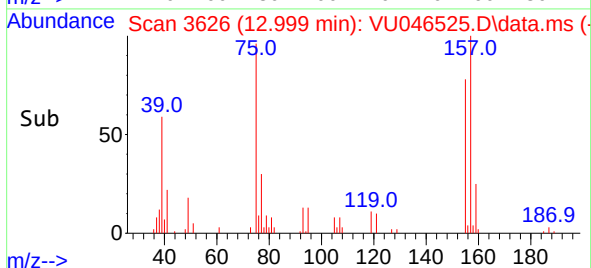
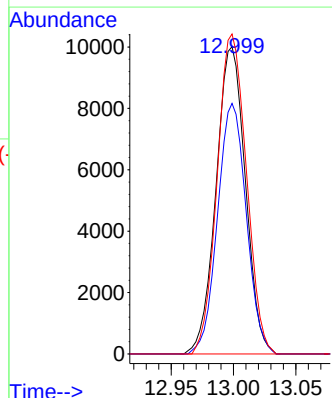
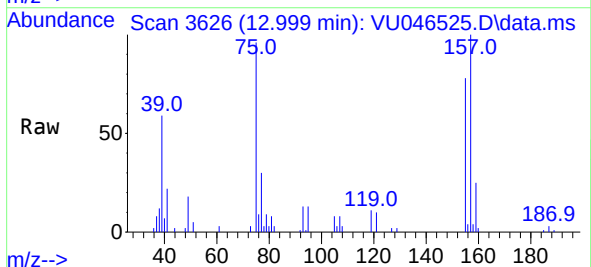
Tgt Ion: 75 Resp: 16390

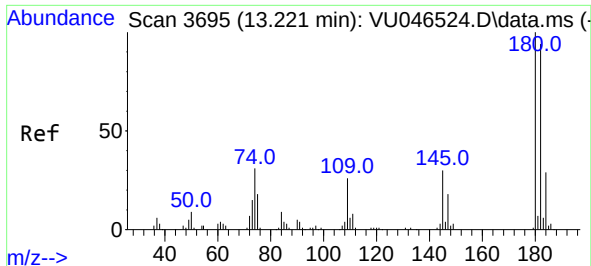
Ion Ratio Lower Upper

75 100

155 81.5 59.2 88.8

157 104.1 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 12.711 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

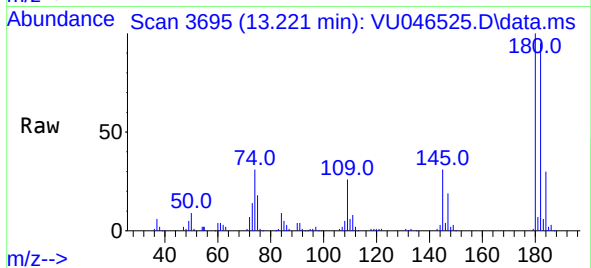
Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 135311

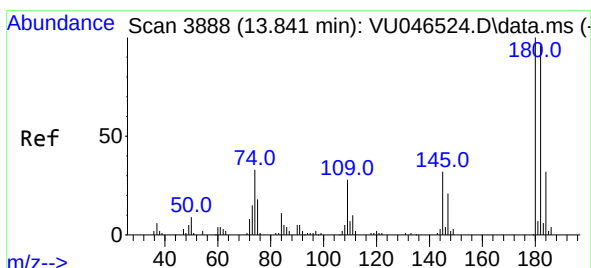
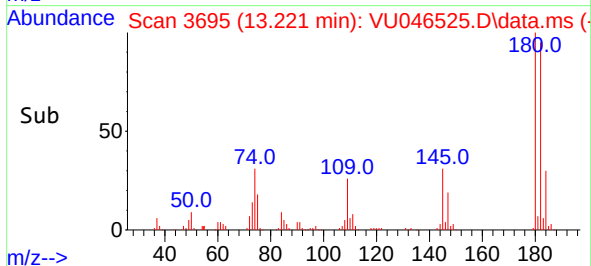
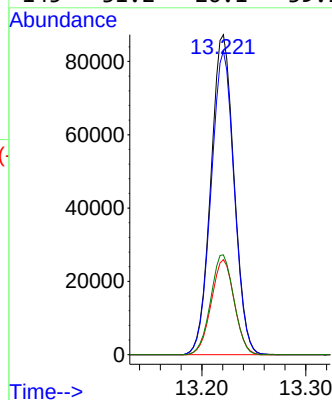
Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

184 29.6 25.0 37.4

145 31.2 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 12.809 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046525.D

Acq: 21 Dec 2021 13:29

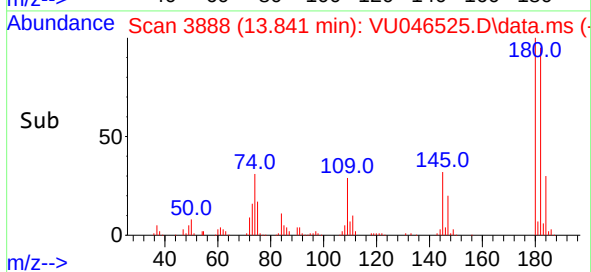
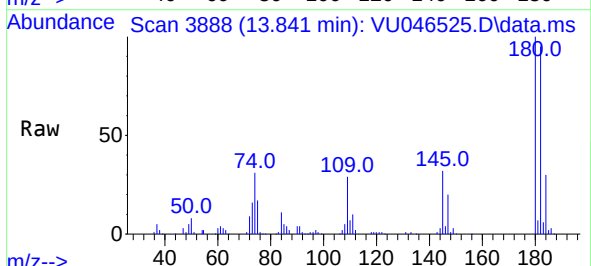
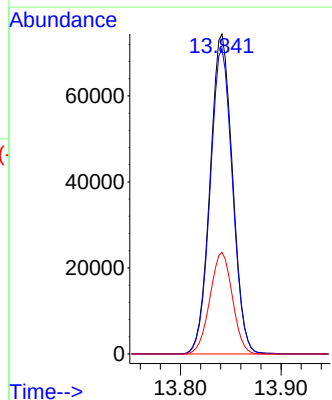
Tgt Ion:180 Resp: 115269

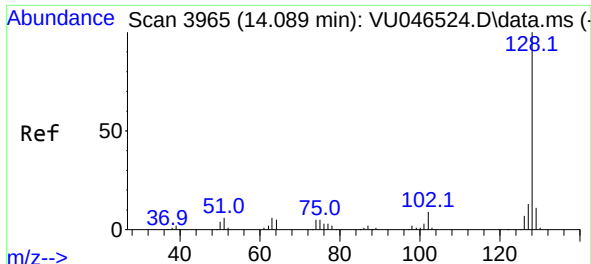
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

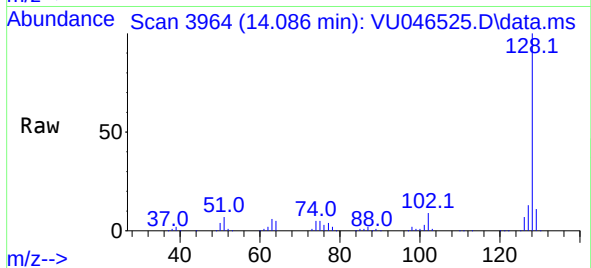
145 31.7 25.6 38.4



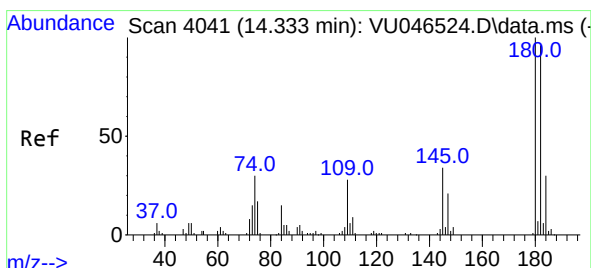
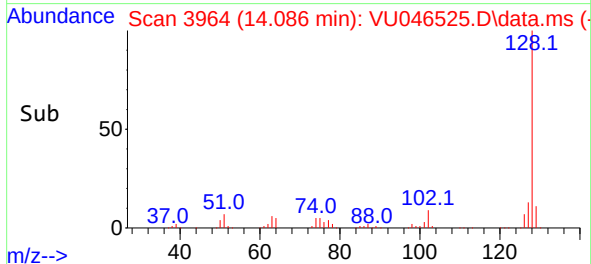
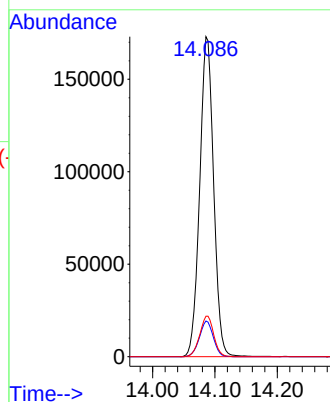


#71
Naphthalene
Concen: 13.990 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 268365
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 12.490 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046525.D
Acq: 21 Dec 2021 13:29

Tgt Ion:180 Resp: 112359
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 34.3 28.4 42.6

