

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046773.D
 Acq On : 18 Jan 2022 10:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 05:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	122693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58047	5.941	ug/L	0.00
7) Chloroethane-d5	1.919	69	46304	5.965	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	23223	5.637	ug/L	0.00
20) 2-Butanone-d5	4.649	46	178188	60.789	ug/L	0.00
24) Chloroform-d	5.067	84	99894	5.631	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	53890	5.334	ug/L	0.00
32) Benzene-d6	5.732	84	205609	6.071	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	60826	5.972	ug/L	0.00
41) Toluene-d8	7.902	98	190754	6.181	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	27548	5.893	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	170139	61.149	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	63097	5.969	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	77475	5.705	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	77000	4.436	ug/L	99
3) Chloromethane	1.523	50	61978	4.180	ug/L	99
5) Vinyl chloride	1.607	62	64729	4.401	ug/L	100
6) Bromomethane	1.864	94	40806	4.556	ug/L	98
8) Chloroethane	1.938	64	37335	4.340	ug/L	99
9) Trichlorofluoromethane	2.144	101	79563	4.157	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	48466	4.877	ug/L	96
12) 1,1-Dichloroethene	2.584	96	45417	4.511	ug/L	84
13) Acetone	2.668	43	116208	47.084	ug/L	97
14) Carbon disulfide	2.800	76	147155	4.490	ug/L	99
15) Methyl Acetate	2.964	43	23105	4.774	ug/L #	88
16) Methylene chloride	3.051	84	52555	4.300	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	128370	4.456	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	47930	4.495	ug/L	91
19) 1,1-Dichloroethane	3.874	63	81154	4.176	ug/L	100
21) 2-Butanone	4.726	43	175180	47.384	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	53076	4.549	ug/L	97
23) Bromochloromethane	4.980	128	25411	4.397	ug/L	85
25) Chloroform	5.092	83	88346	4.053	ug/L	97
27) 1,2-Dichloroethane	5.796	62	57382	3.874	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	77425	4.282	ug/L	96
30) Cyclohexane	5.391	56	77839	5.064	ug/L	94
31) Carbon tetrachloride	5.530	117	65158	4.281	ug/L	99
33) Benzene	5.777	78	194000	4.425	ug/L	100
34) Trichloroethene	6.546	95	50096	4.320	ug/L	96
35) Methylcyclohexane	6.768	83	85523	5.124	ug/L	94
37) 1,2-Dichloropropane	6.793	63	47577	4.303	ug/L #	97
38) Bromodichloromethane	7.108	83	63403	4.118	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	75906	4.485	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	366400	43.958	ug/L #	94
42) Toluene	7.973	91	221235	4.886	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	69273	4.434	ug/L	99

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 MSVOA_U
 ClientSampleId :

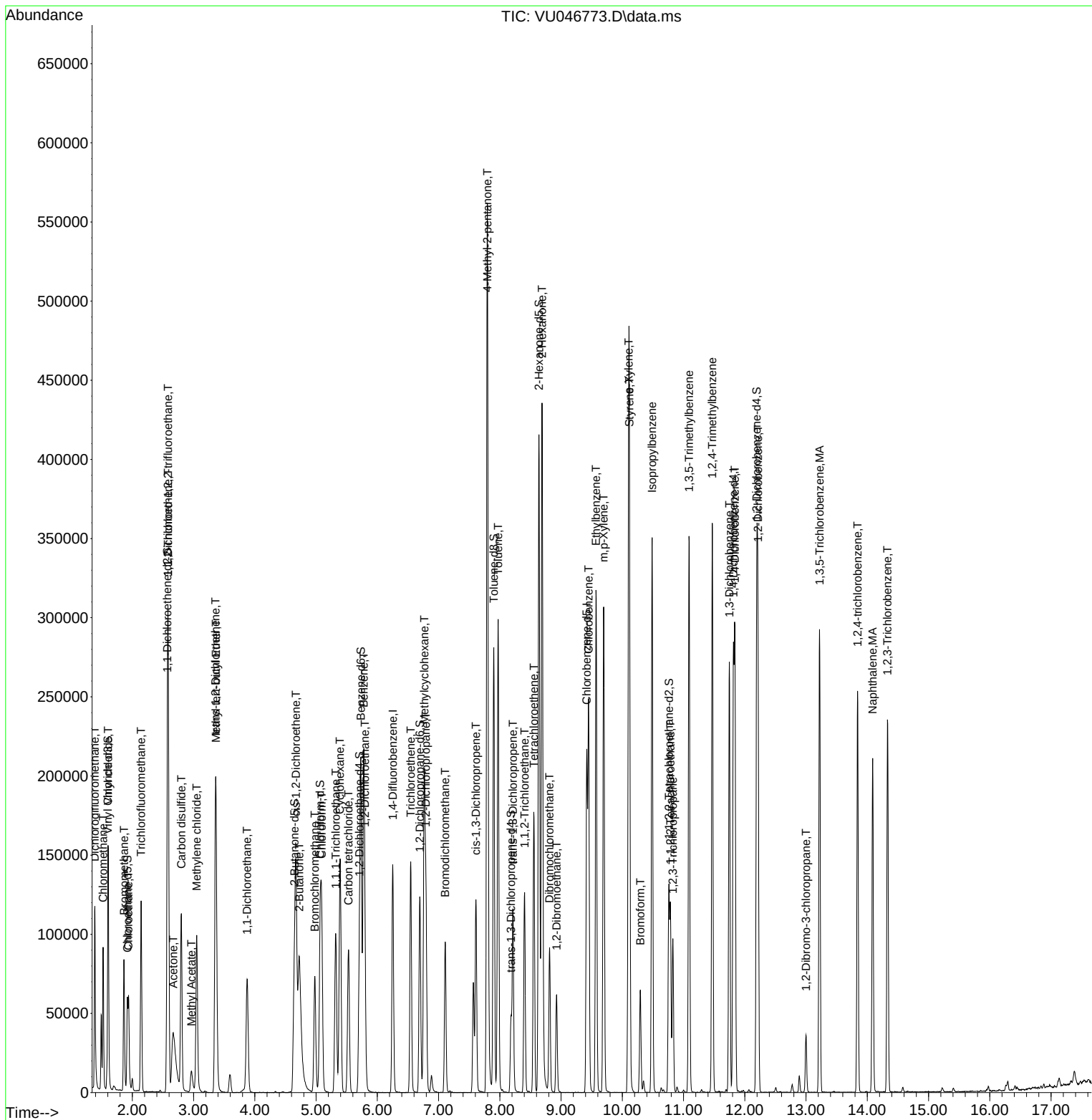
Quant Time: Jan 19 05:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
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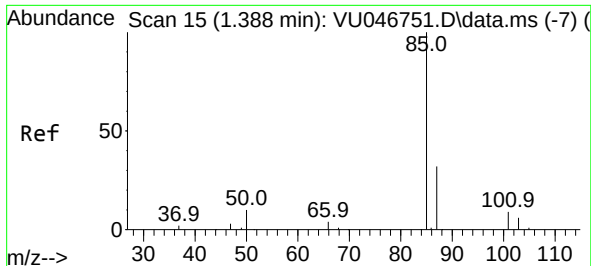
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	41318	4.302	ug/L	96
47) Tetrachloroethene	8.555	164	40629	4.819	ug/L	94
48) 2-Hexanone	8.690	43	272864	43.547	ug/L #	94
49) Dibromochloromethane	8.812	129	48222	4.343	ug/L	100
50) 1,2-Dibromoethane	8.928	107	41891	4.481	ug/L #	99
51) Chlorobenzene	9.449	112	137053	4.682	ug/L	97
52) Ethylbenzene	9.571	91	229000	4.837	ug/L	99
53) m,p-Xylene	9.697	106	92494	5.073	ug/L	100
54) o-Xylene	10.102	106	89340	5.137	ug/L	99
55) Styrene	10.118	104	150478	5.019	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	56968	4.485	ug/L	96
59) Bromoform	10.295	173	30715	4.028	ug/L	98
60) Isopropylbenzene	10.488	105	233359	4.512	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	41464	3.780	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	195819	4.573	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	202929	4.699	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	113532	4.473	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	115690	4.448	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	110787	4.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	9174	3.652	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	92341	4.775	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	78643	4.779	ug/L	99
71) Naphthalene	14.089	128	169447	4.765	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	73657	4.582	ug/L	99

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

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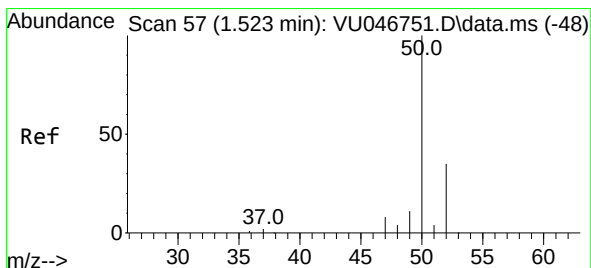
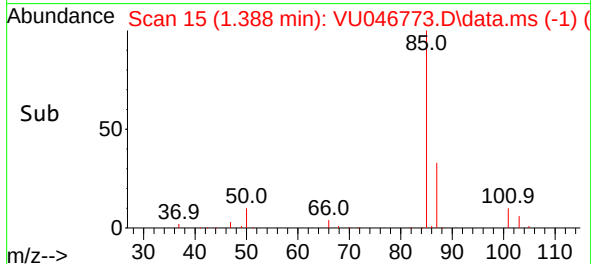
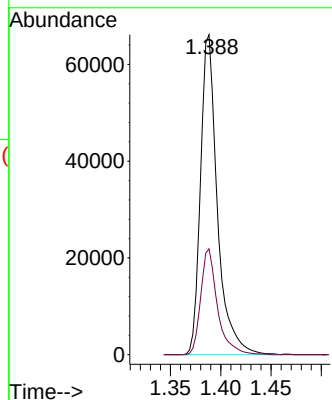
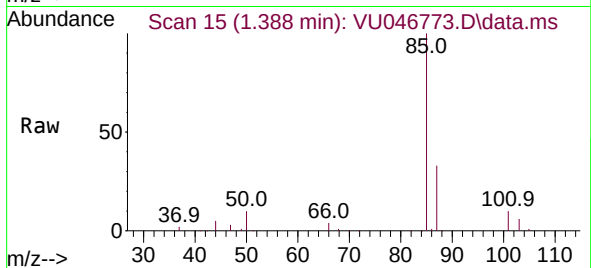




#2
Dichlorodifluoromethane
Concen: 4.436 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

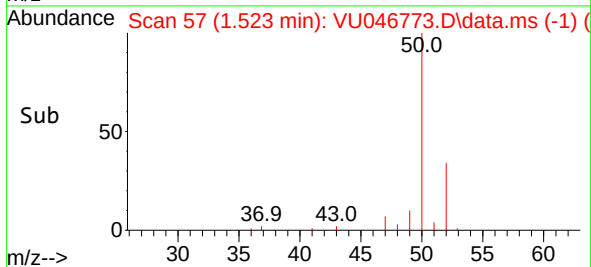
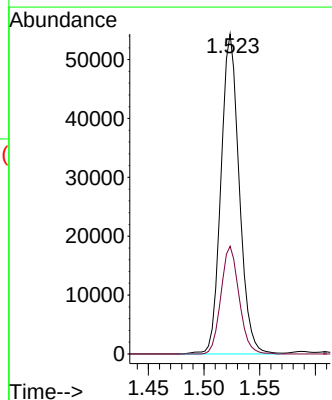
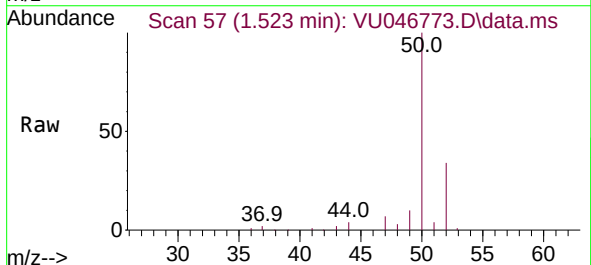
Instrument :
MSVOA_U
ClientSampleId :

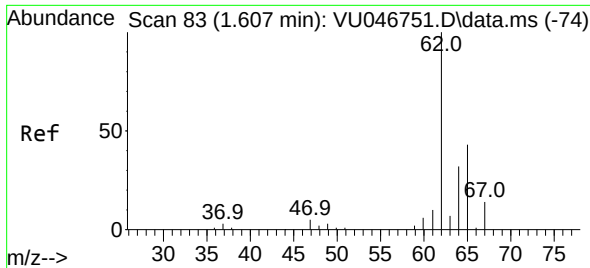
Tgt Ion: 85 Resp: 77000
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.6



#3
Chloromethane
Concen: 4.180 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

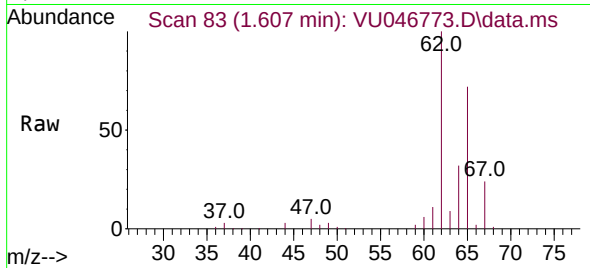
Tgt Ion: 50 Resp: 61978
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8



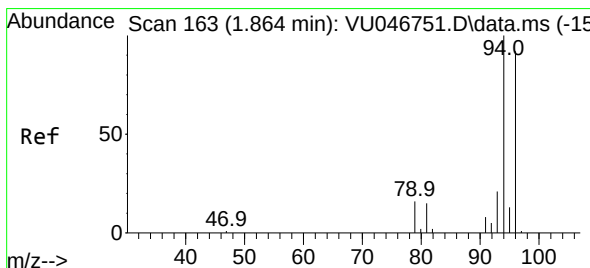
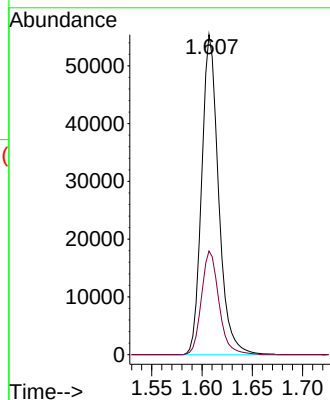
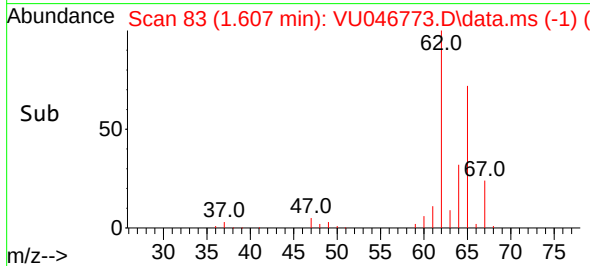


#5
 Vinyl chloride
 Concen: 4.401 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046773.D
 Acq: 18 Jan 2022 10:10

Instrument :
 MSVOA_U
 ClientSampleId :

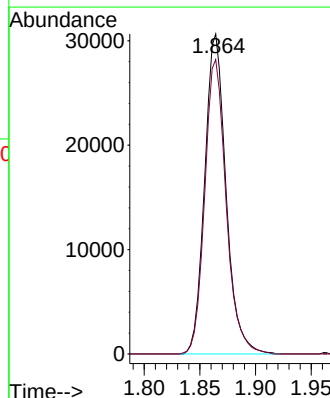
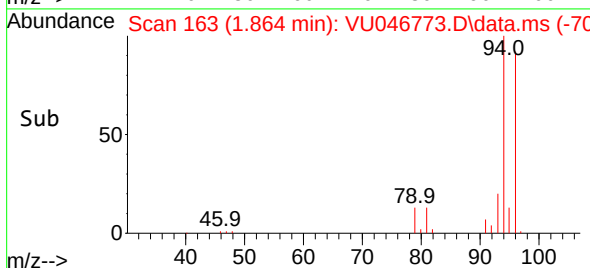
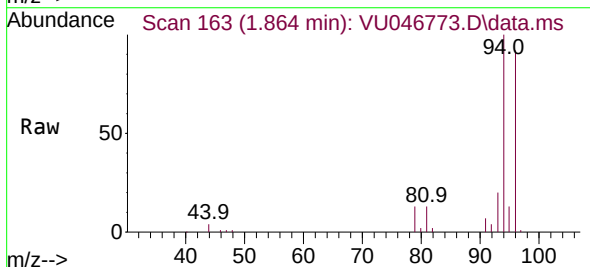


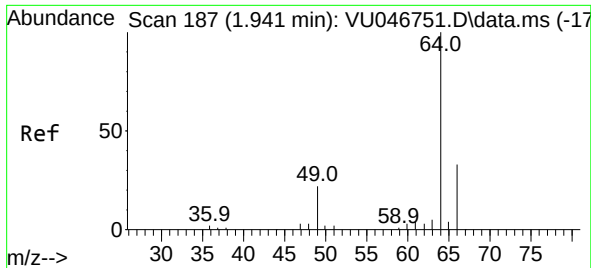
Tgt Ion: 62 Resp: 64729
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 4.556 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046773.D
 Acq: 18 Jan 2022 10:10

Tgt Ion: 94 Resp: 40806
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.5 121.6

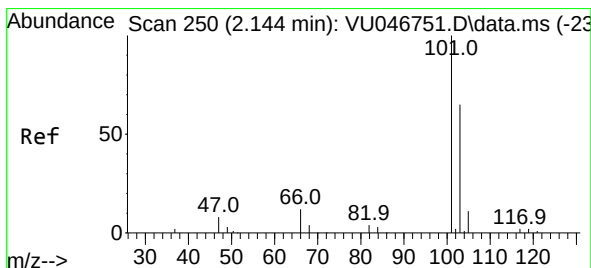
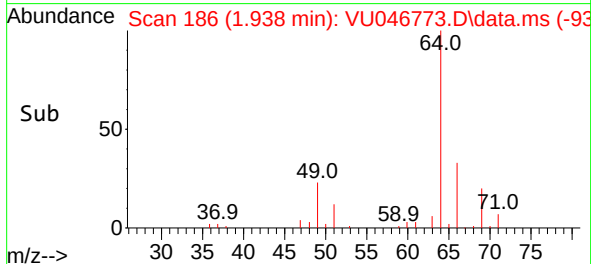
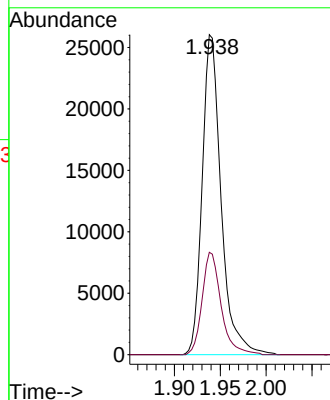
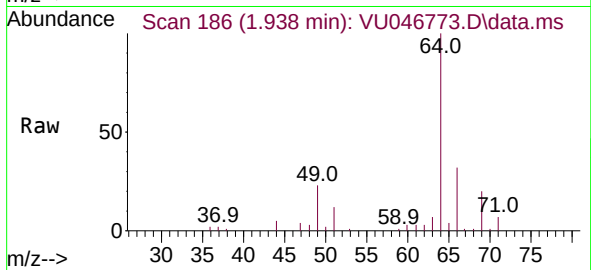




#8
Chloroethane
Concen: 4.340 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

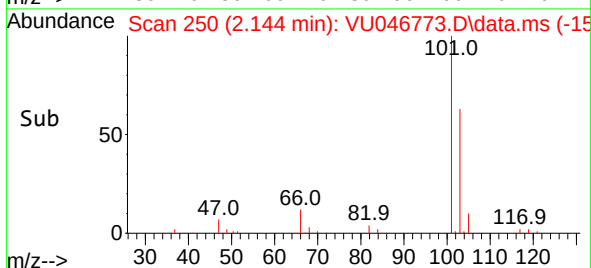
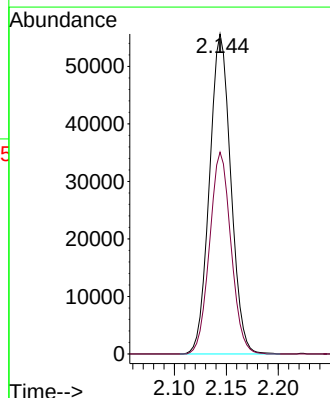
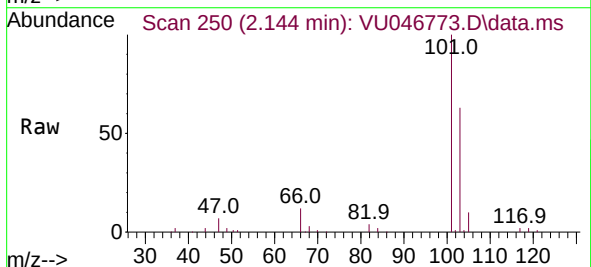
Instrument :
MSVOA_U
ClientSampleId :

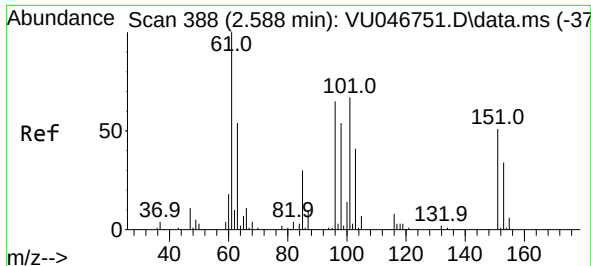
Tgt Ion: 64 Resp: 37335
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.157 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion:101 Resp: 79563
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

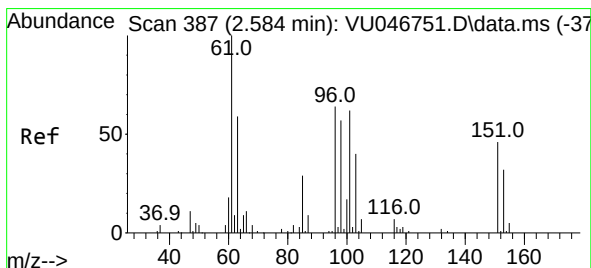
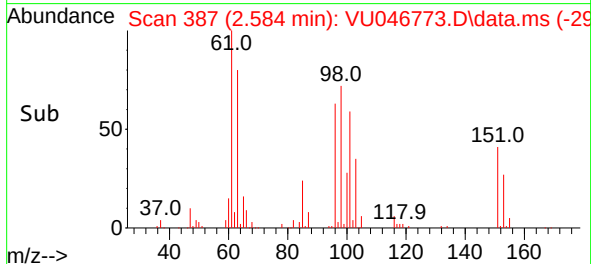
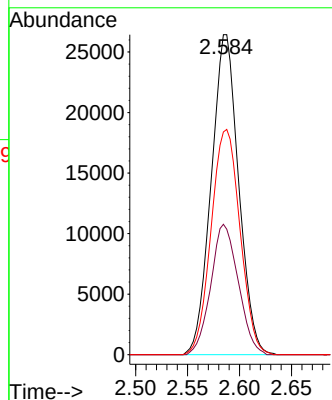
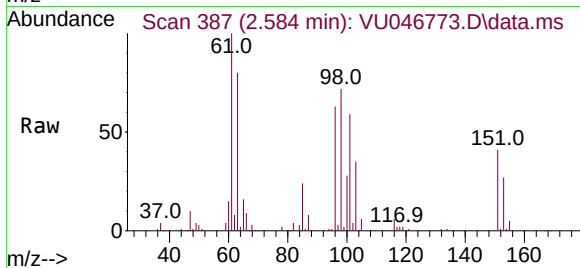




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.877 ug/L
RT: 2.584 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

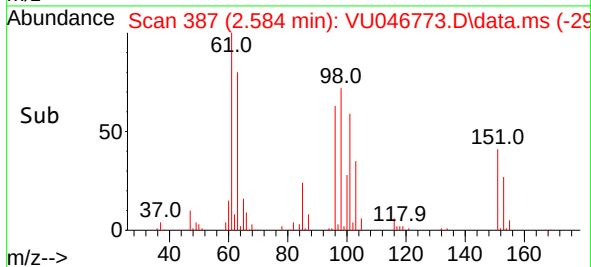
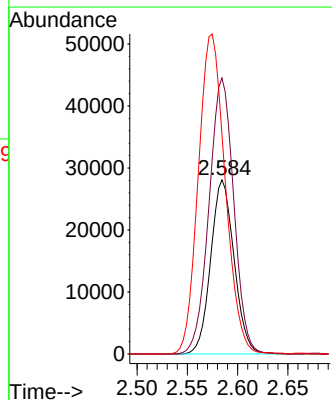
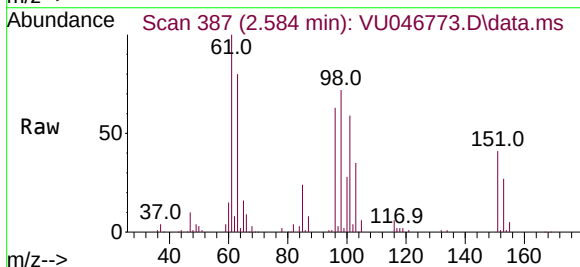
Instrument :
MSVOA_U
ClientSampleId :

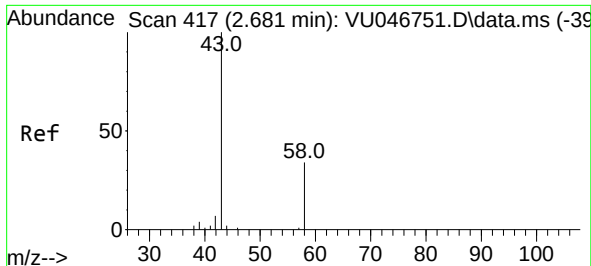
Tgt Ion:101 Resp: 48466
Ion Ratio Lower Upper
101 100
85 41.0 34.6 51.8
151 74.2 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.511 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 96 Resp: 45417
Ion Ratio Lower Upper
96 100
61 158.5 124.7 231.5
63 126.3 105.2 195.4





#13

Acetone

Concen: 47.084 ug/L

RT: 2.668 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

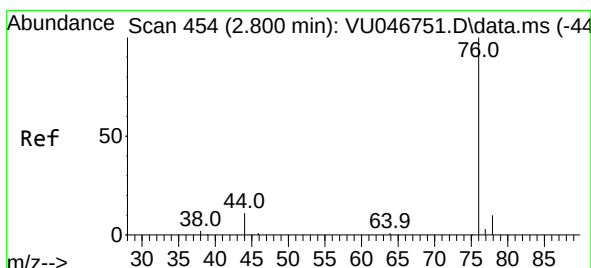
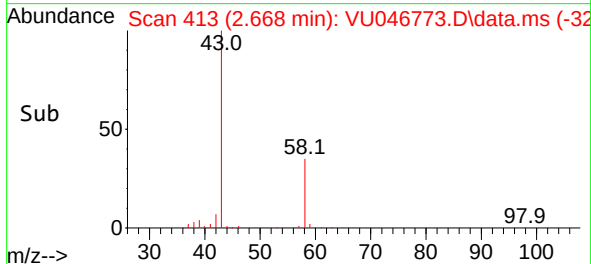
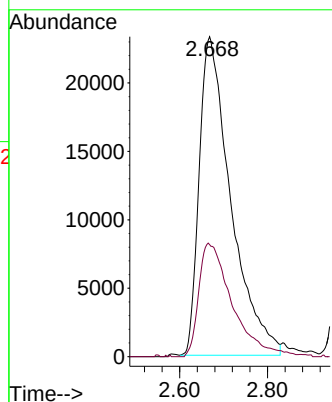
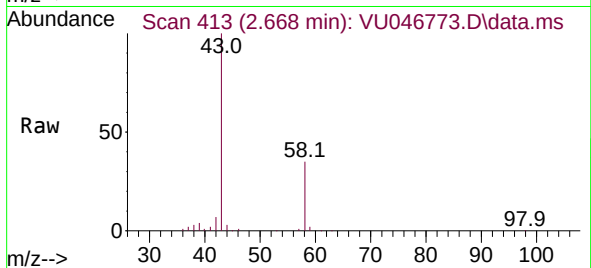
ClientSampleId :

Tgt Ion: 43 Resp: 116208

Ion Ratio Lower Upper

43 100

58 37.7 0.0 71.6



#14

Carbon disulfide

Concen: 4.490 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046773.D

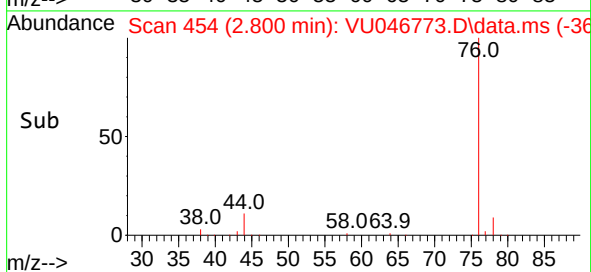
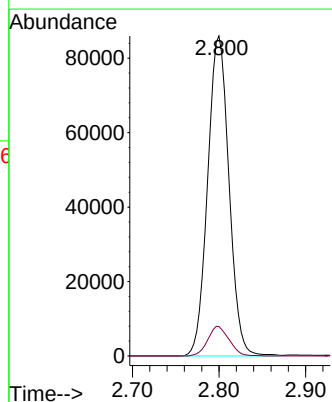
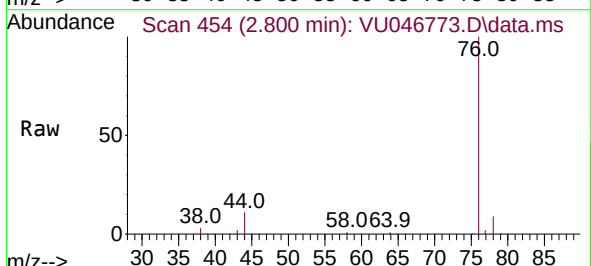
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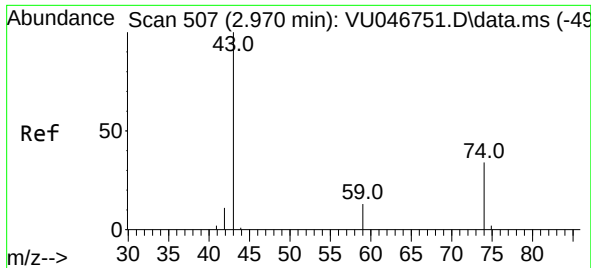
Tgt Ion: 76 Resp: 147155

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

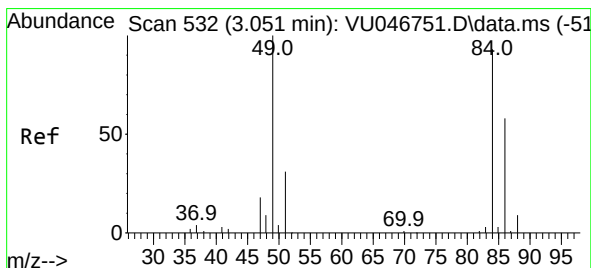
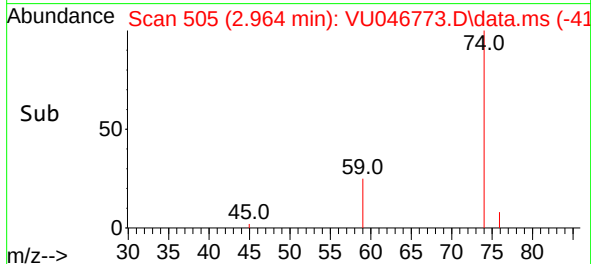
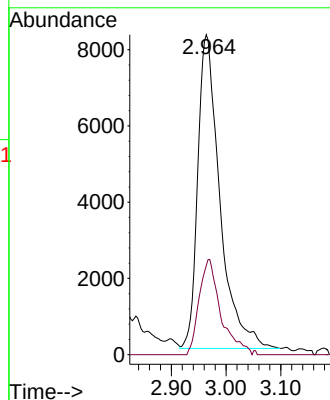
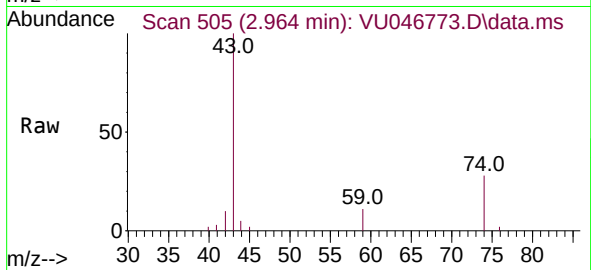




#15
Methyl Acetate
Concen: 4.774 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.006 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

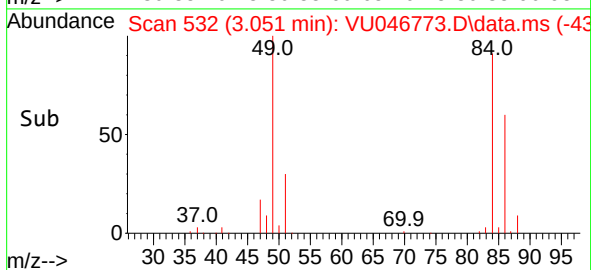
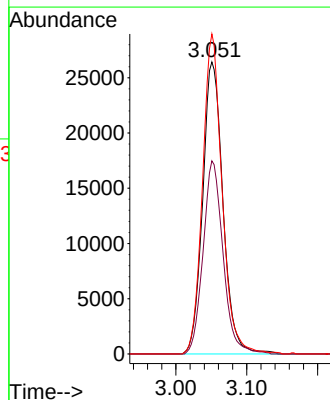
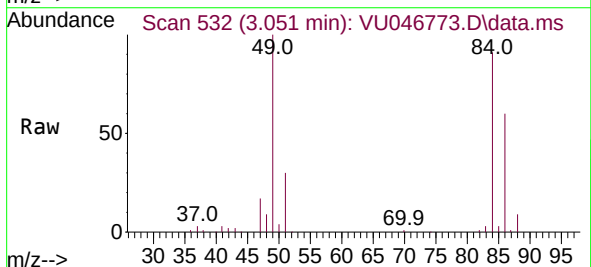
Instrument :
MSVOA_U
ClientSampleId :

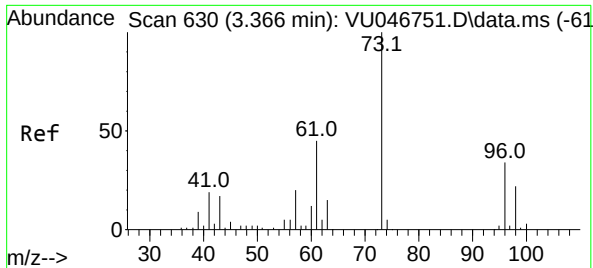
Tgt Ion: 43 Resp: 23105
Ion Ratio Lower Upper
43 100
74 29.7 19.1 28.7#



#16
Methylene chloride
Concen: 4.300 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 84 Resp: 52555
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.0
49 109.6 84.5 156.9

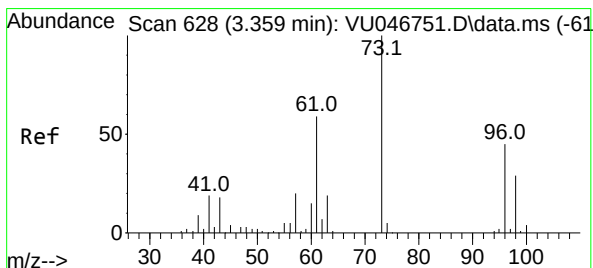
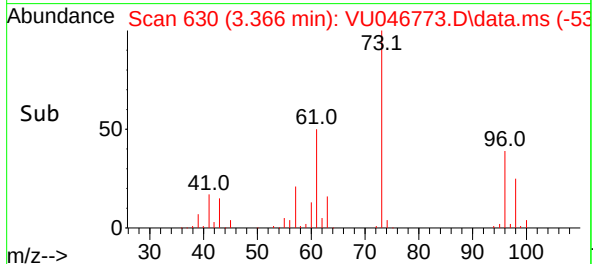
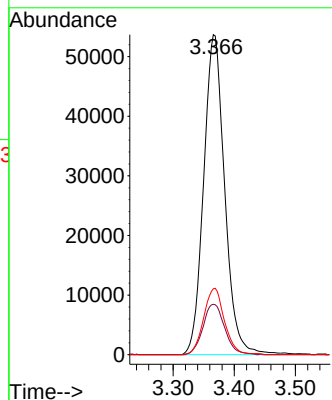
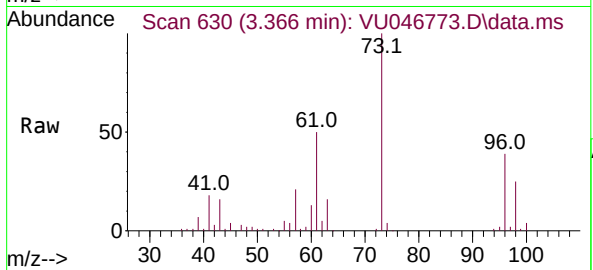




#17
Methyl tert-butyl Ether
Concen: 4.456 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

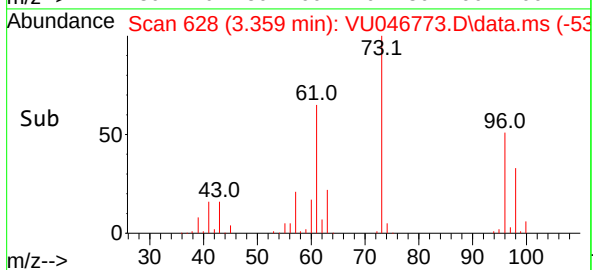
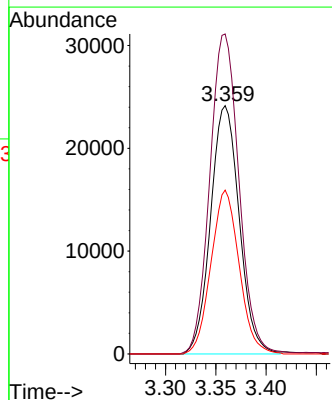
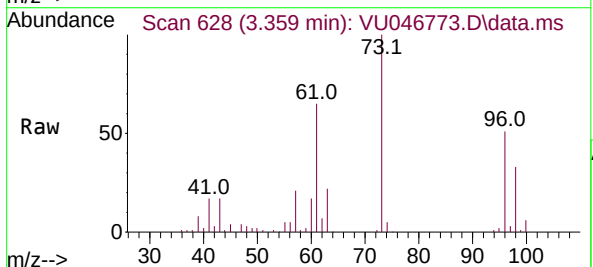
Instrument :
MSVOA_U
ClientSampleId :

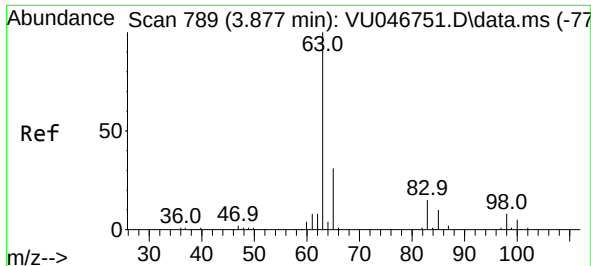
Tgt Ion: 73 Resp: 128370
Ion Ratio Lower Upper
73 100
43 16.3 14.8 22.2
57 20.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.495 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 96 Resp: 47930
Ion Ratio Lower Upper
96 100
61 128.9 100.8 187.2
98 66.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.176 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU046773.D

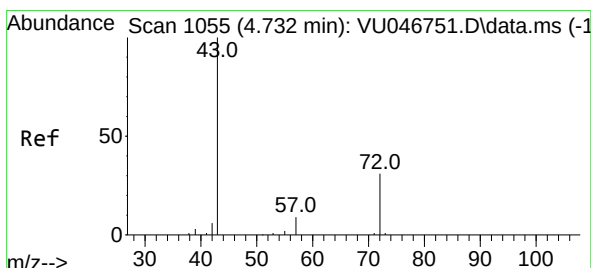
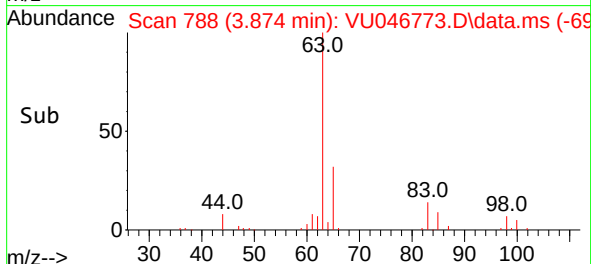
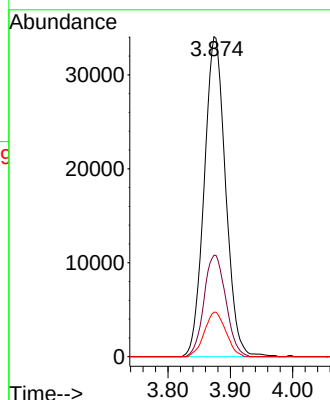
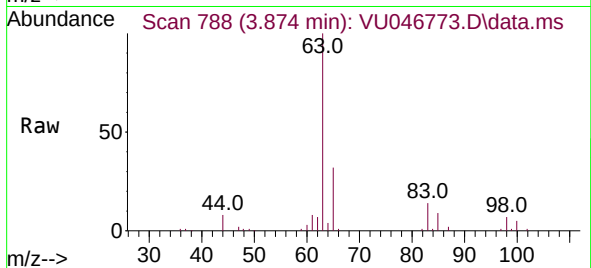
Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	81154
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.5
83	13.9	9.6	17.8



#21

2-Butanone

Concen: 47.384 ug/L

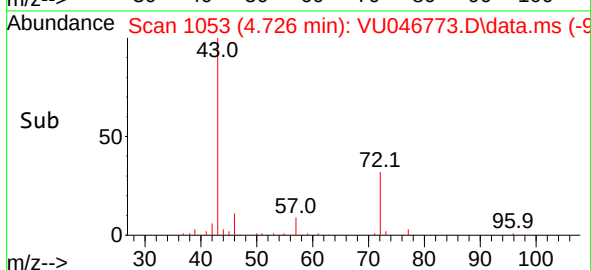
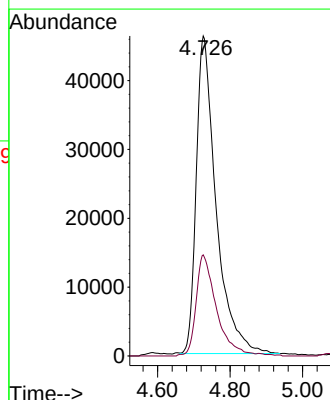
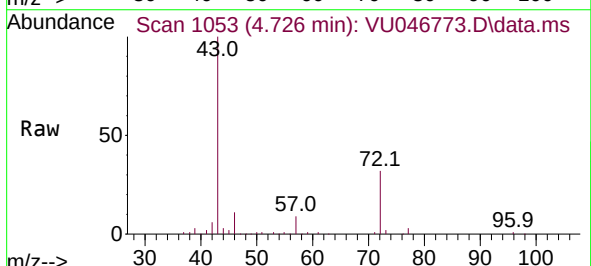
RT: 4.726 min Scan# 1053

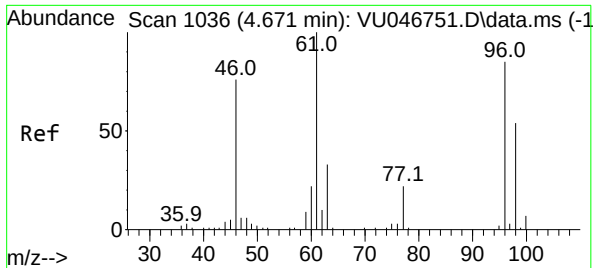
Delta R.T. -0.006 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Tgt Ion:	43	Resp:	175180
Ion	Ratio	Lower	Upper
43	100		
72	32.5	14.1	42.3

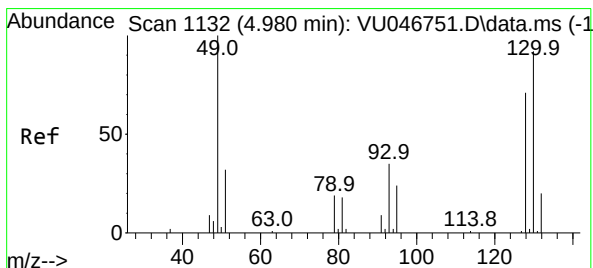
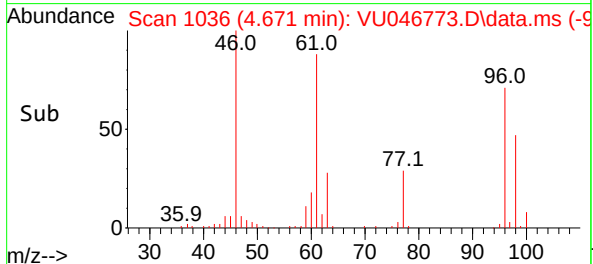
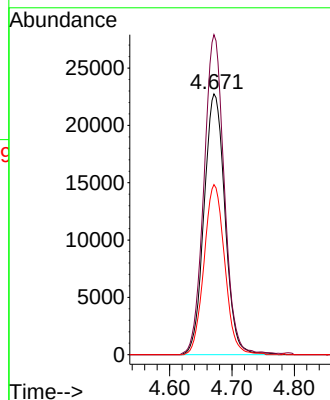
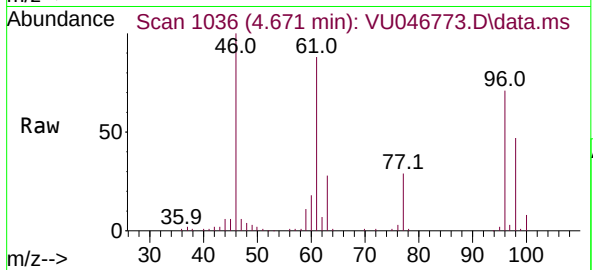




#22
 cis-1,2-Dichloroethene
 Concen: 4.549 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046773.D
 Acq: 18 Jan 2022 10:10

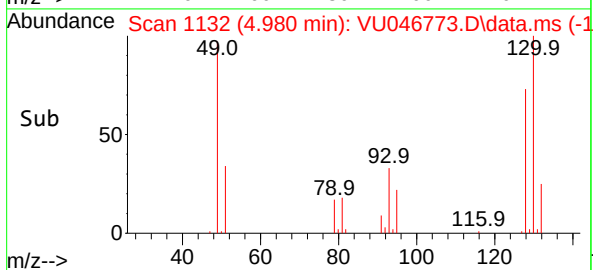
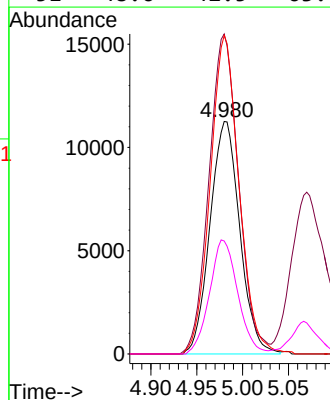
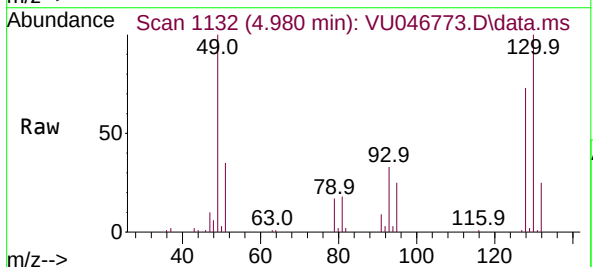
Instrument :
 MSVOA_U
 ClientSampleId :

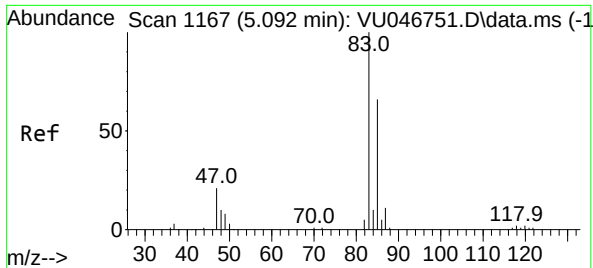
Tgt Ion: 96	Resp: 53076
Ion Ratio	Lower Upper
96 100	
61 122.7	88.5 164.3
98 65.2	44.4 82.5



#23
 Bromochloromethane
 Concen: 4.397 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU046773.D
 Acq: 18 Jan 2022 10:10

Tgt	Ion:128	Resp:	25411
Ion	Ratio	Lower	Upper
128	100		
49	137.7	117.0	217.2
130	137.1	88.2	163.8
51	48.6	42.5	63.7

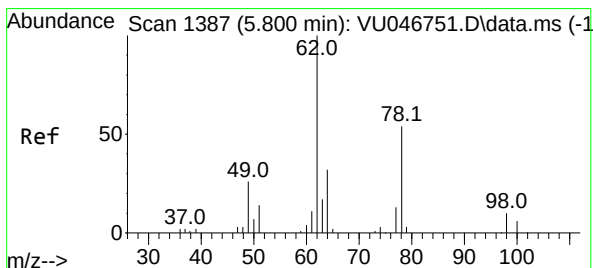
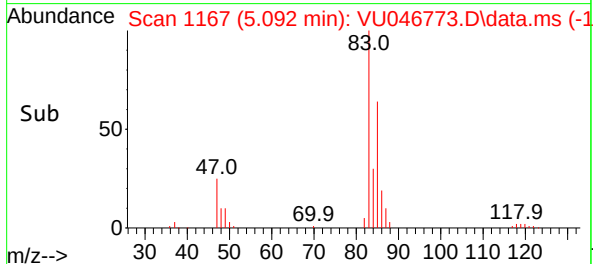
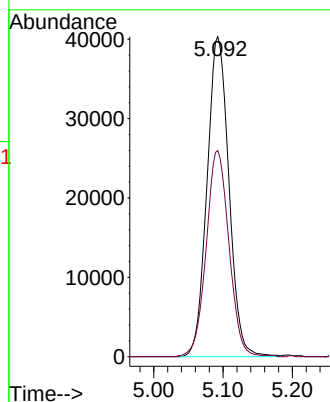
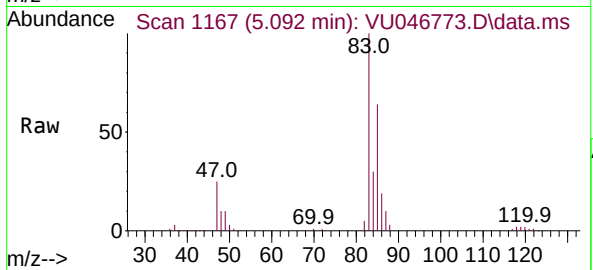




#25
Chloroform
Concen: 4.053 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

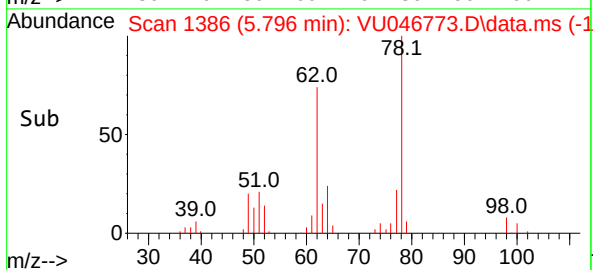
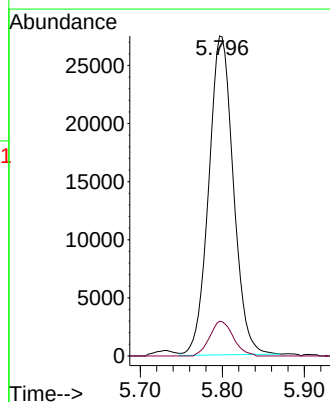
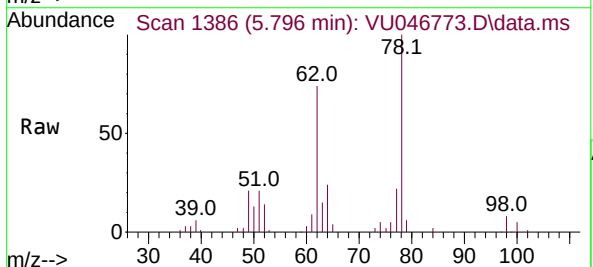
Instrument :
MSVOA_U
ClientSampleId :

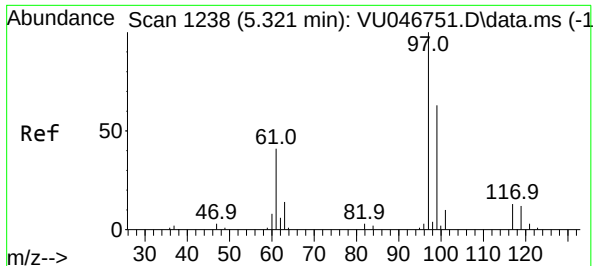
Tgt Ion: 83 Resp: 88346
Ion Ratio Lower Upper
83 100
85 64.4 46.9 87.1



#27
1,2-Dichloroethane
Concen: 3.874 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 62 Resp: 57382
Ion Ratio Lower Upper
62 100
98 10.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.282 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

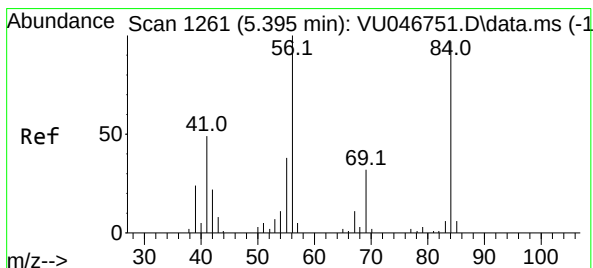
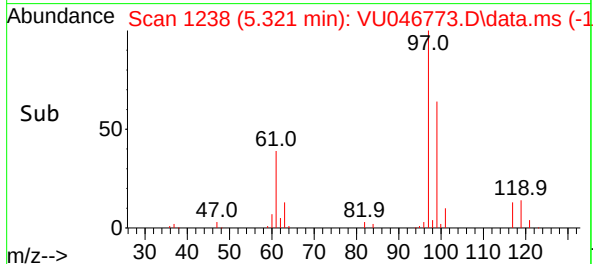
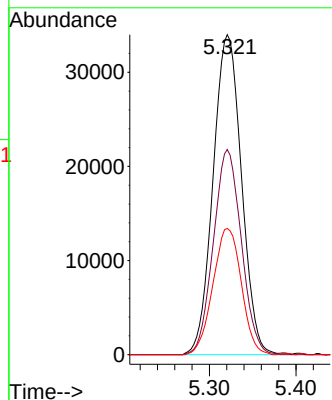
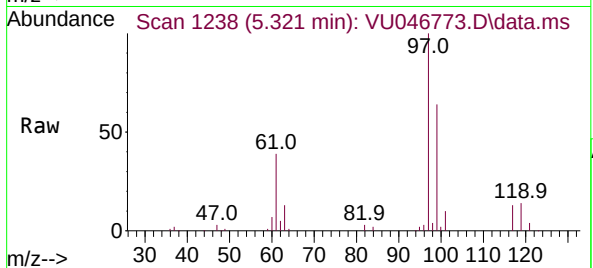
Tgt Ion: 97 Resp: 77425

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 39.5 36.1 54.1



#30

Cyclohexane

Concen: 5.064 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

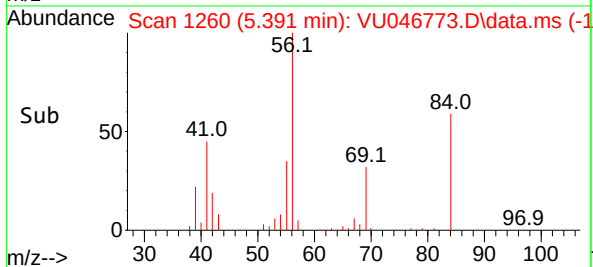
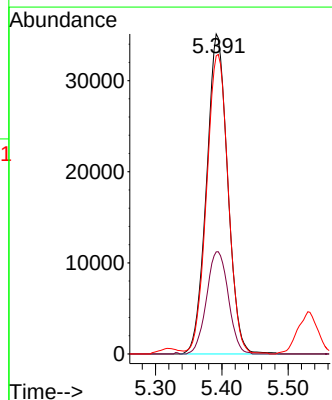
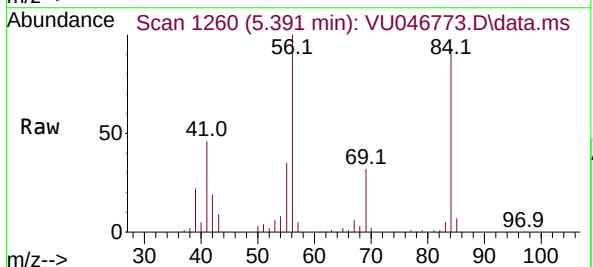
Tgt Ion: 56 Resp: 77839

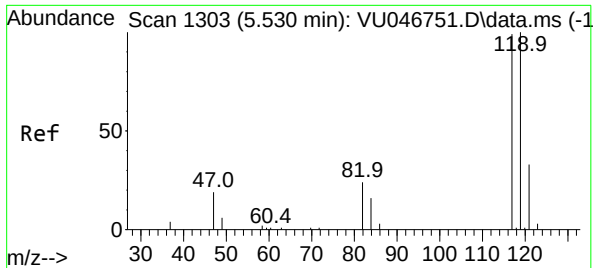
Ion Ratio Lower Upper

56 100

69 32.9 24.7 37.1

84 95.6 71.8 107.6

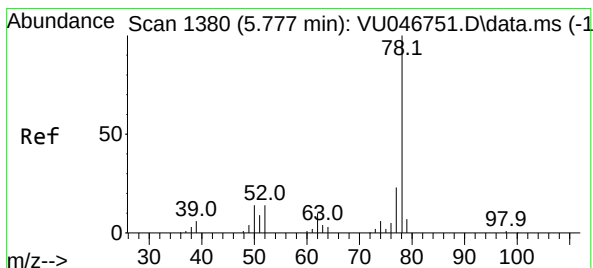
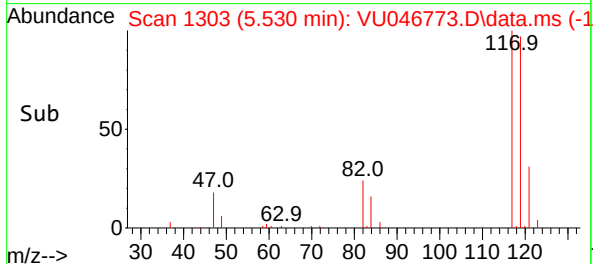
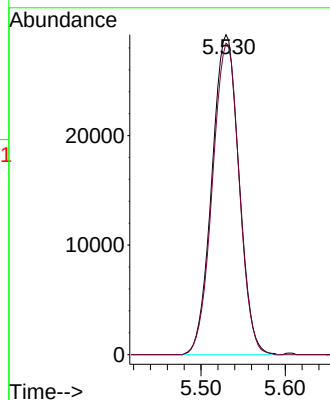
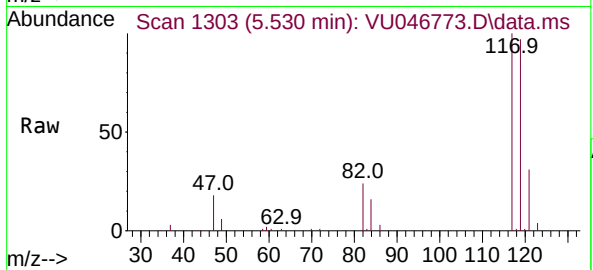




#31
Carbon tetrachloride
Concen: 4.281 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

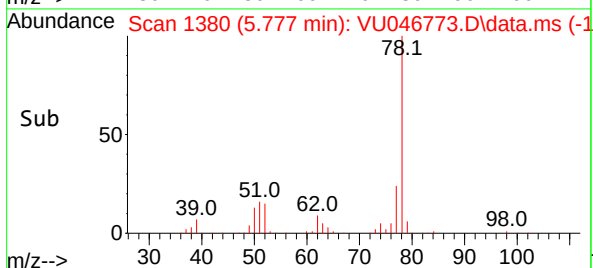
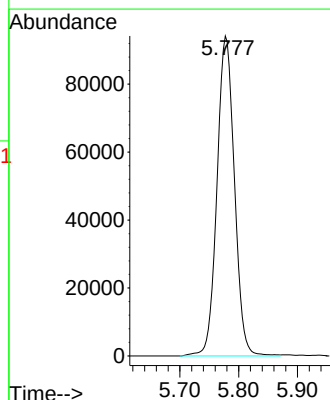
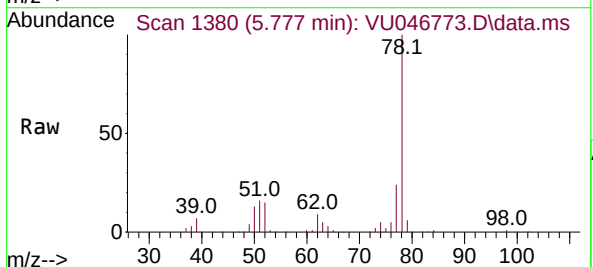
Instrument :
MSVOA_U
ClientSampleId :

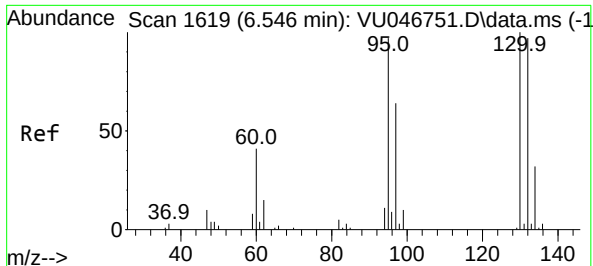
Tgt Ion:117 Resp: 65158
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 4.425 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

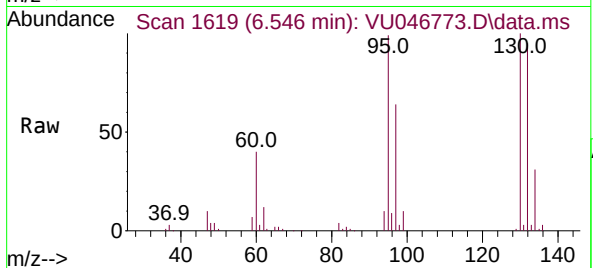
Tgt Ion: 78 Resp: 194000



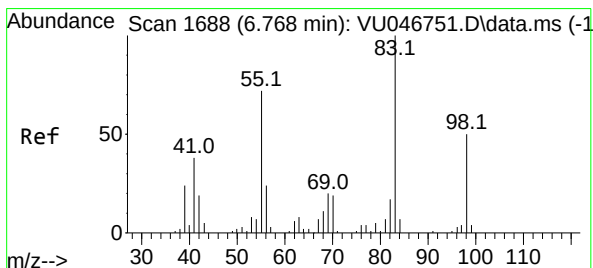
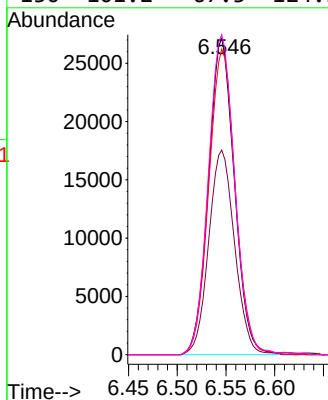
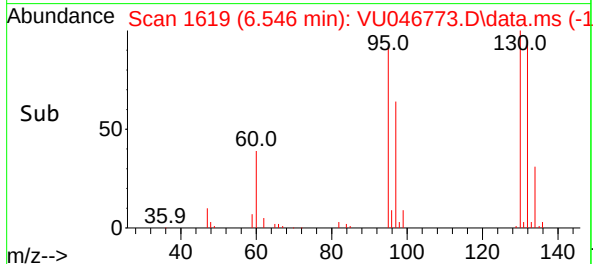


#34
Trichloroethene
Concen: 4.320 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

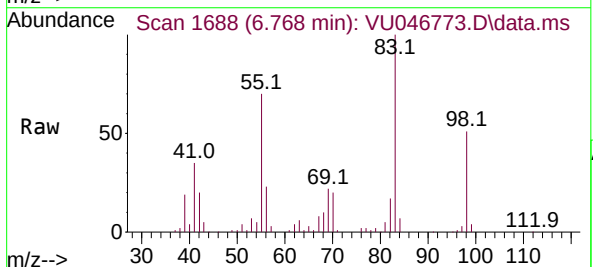
Instrument :
MSVOA_U
ClientSampleId :



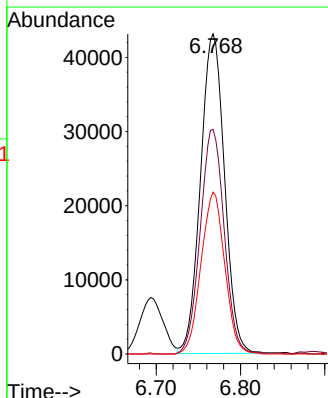
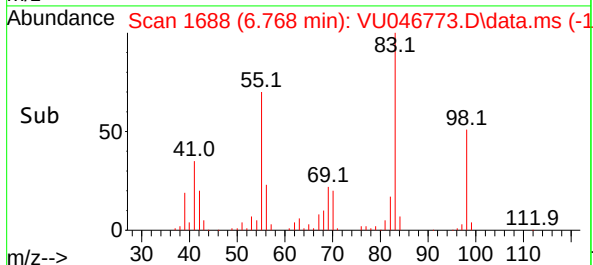
Tgt Ion: 95 Resp: 50096
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 96.7 65.1 120.9
130 101.2 67.3 124.9

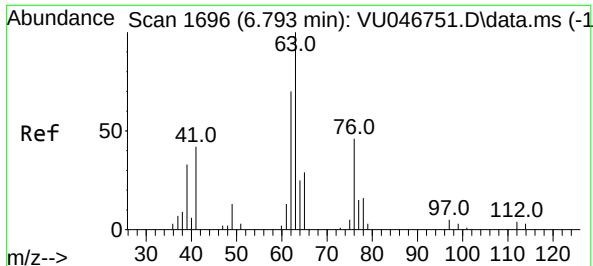


#35
Methylcyclohexane
Concen: 5.124 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10



Tgt Ion: 83 Resp: 85523
Ion Ratio Lower Upper
83 100
55 70.4 61.9 92.9
98 49.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.303 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

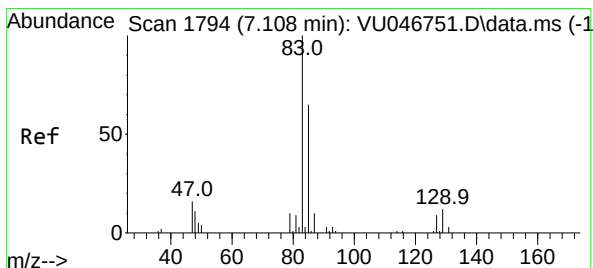
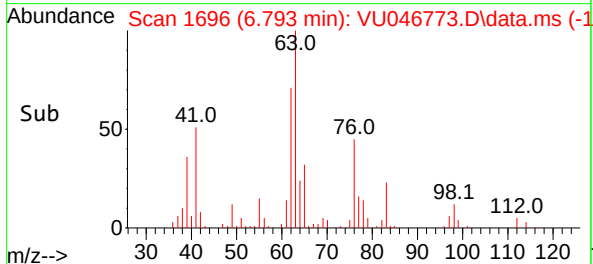
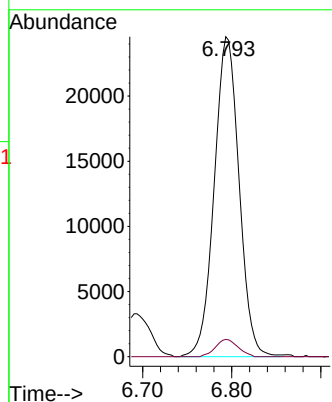
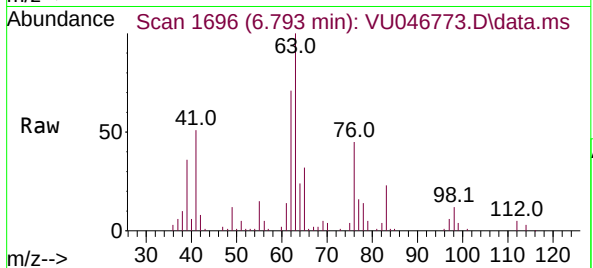
ClientSampleId :

Tgt Ion: 63 Resp: 47577

Ion Ratio Lower Upper

63 100

112 4.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 4.118 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

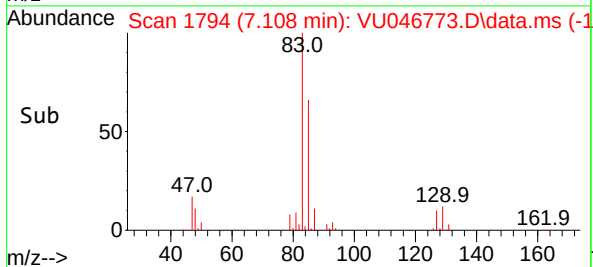
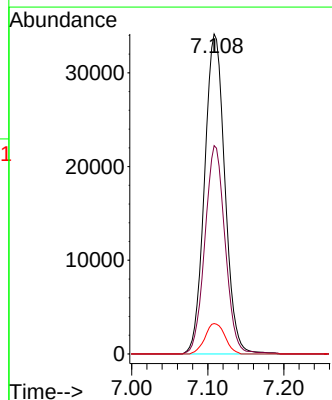
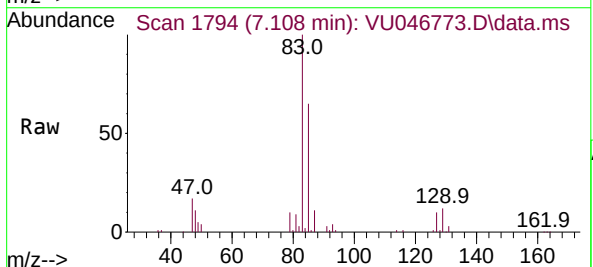
Tgt Ion: 83 Resp: 63403

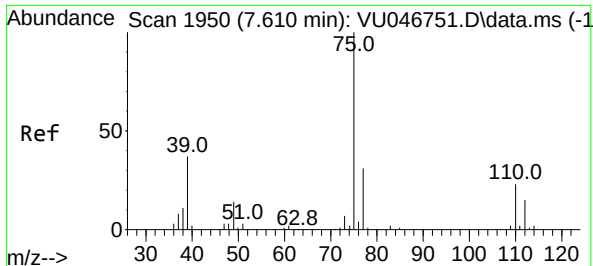
Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.8

127 9.5 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.485 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

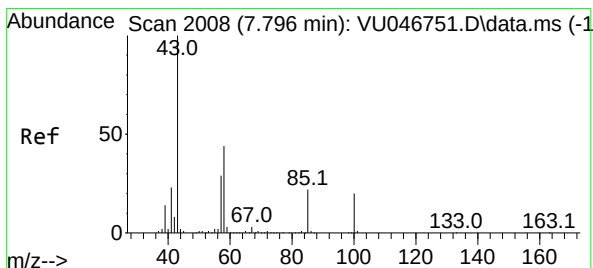
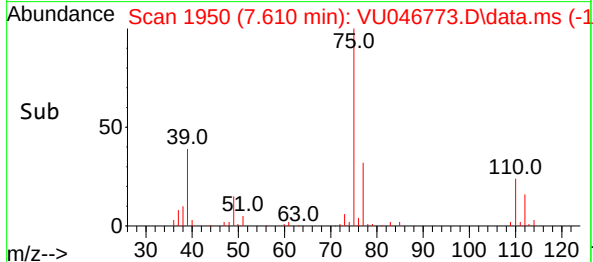
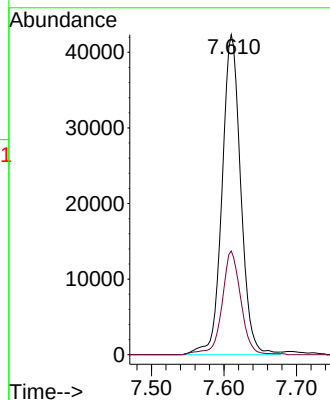
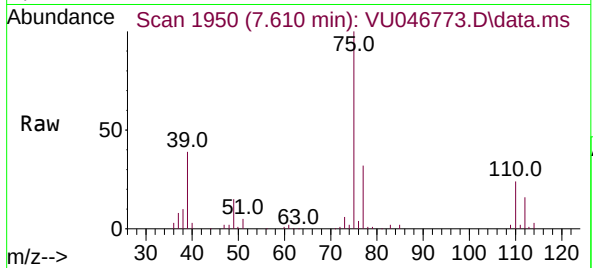
ClientSampleId :

Tgt Ion: 75 Resp: 75906

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 43.958 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

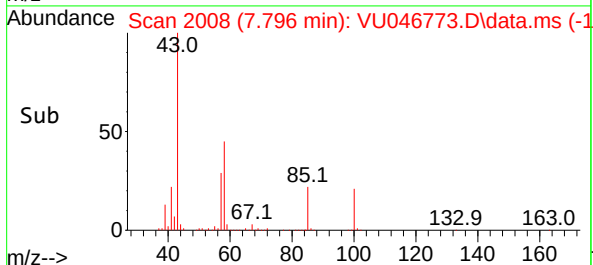
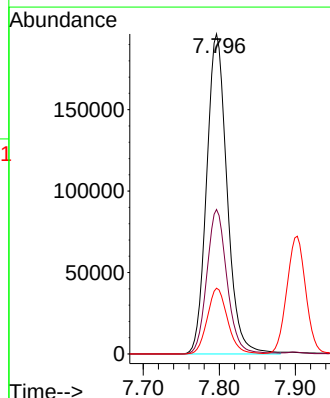
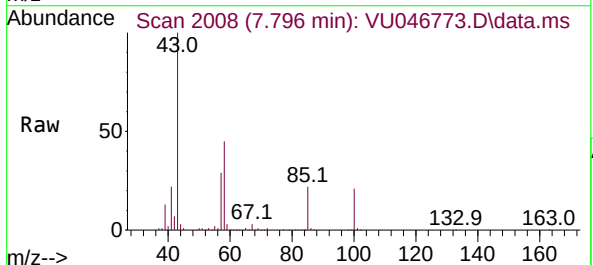
Tgt Ion: 43 Resp: 366400

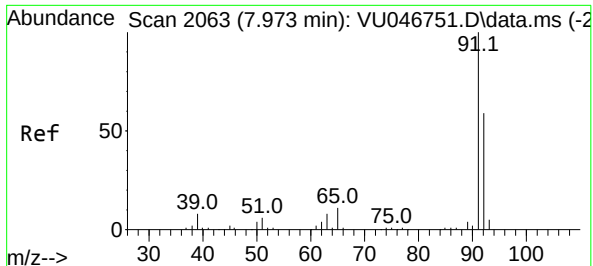
Ion Ratio Lower Upper

43 100

58 44.8 33.1 49.7

100 20.4 13.2 19.8#





#42

Toluene

Concen: 4.886 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

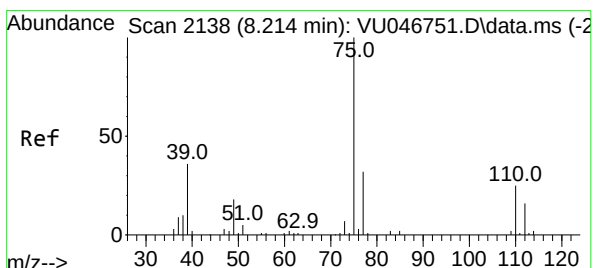
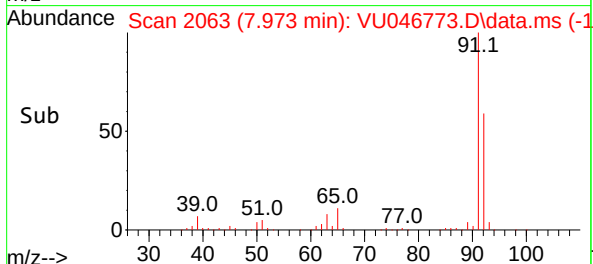
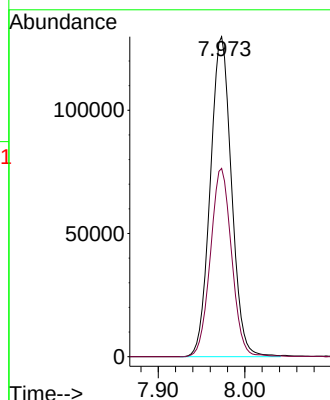
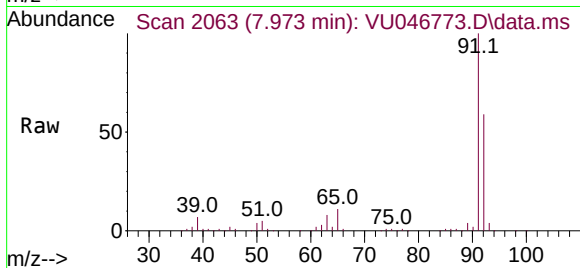
ClientSampleId :

Tgt Ion: 91 Resp: 221235

Ion Ratio Lower Upper

91 100

92 58.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.434 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046773.D

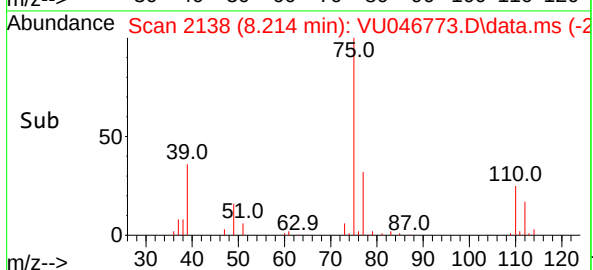
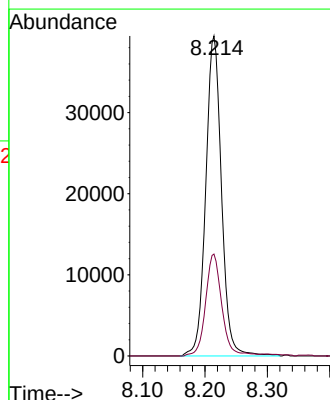
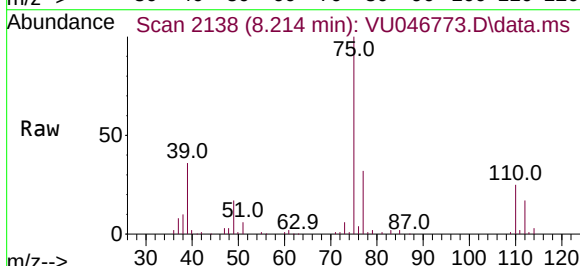
Acq: 18 Jan 2022 10:10

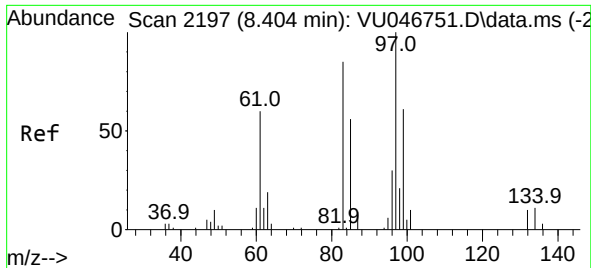
Tgt Ion: 75 Resp: 69273

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.3

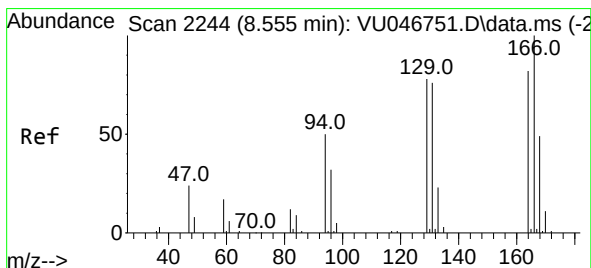
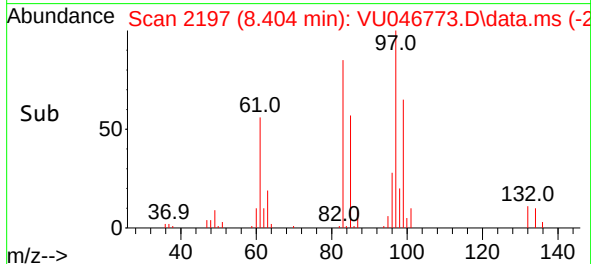
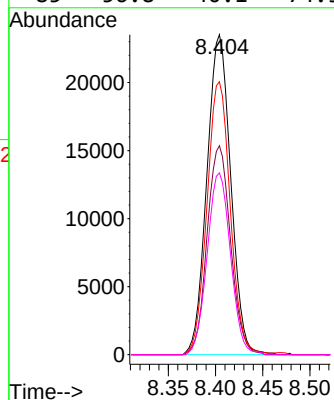
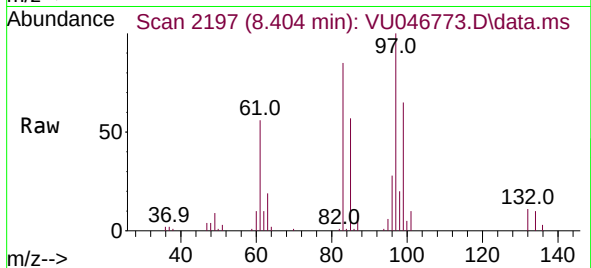




#45
1,1,2-Trichloroethane
Concen: 4.302 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

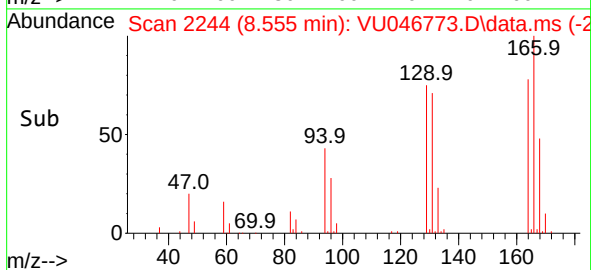
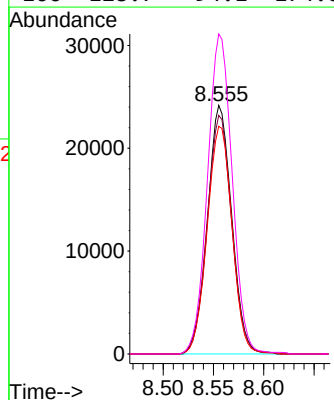
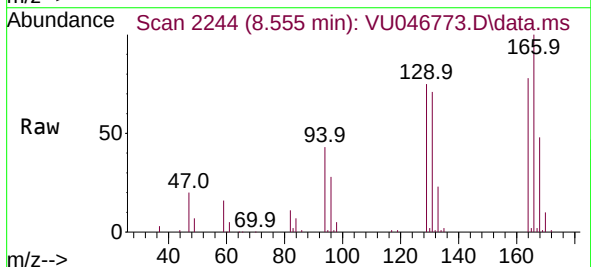
Instrument :
MSVOA_U
ClientSampleId :

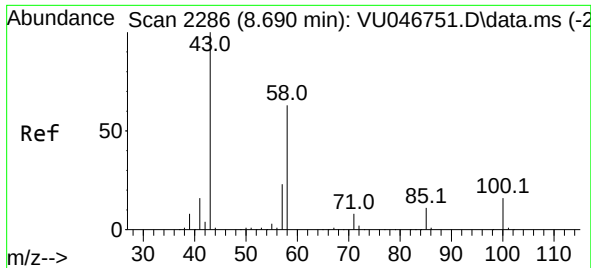
Tgt Ion: 97	Resp: 41318
Ion Ratio	Lower Upper
97 100	
99 65.3	42.3 78.5
83 85.3	62.0 115.2
85 56.8	40.1 74.5



#47
Tetrachloroethene
Concen: 4.819 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

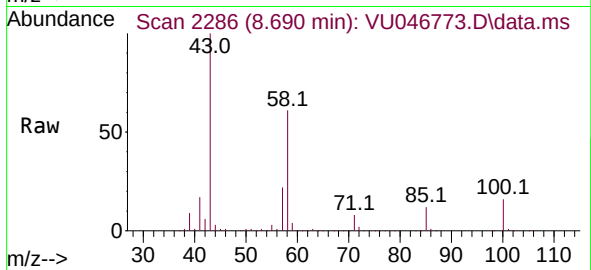
Tgt	Ion:164	Resp:	40629
Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.8	133.4
131	91.6	68.5	127.3
166	128.7	94.1	174.8



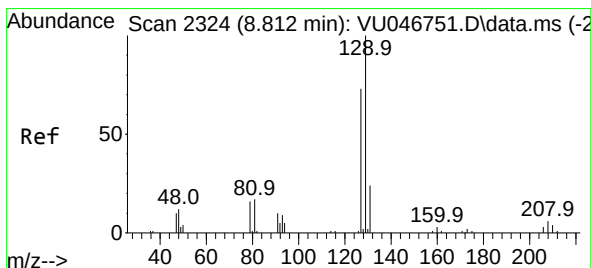
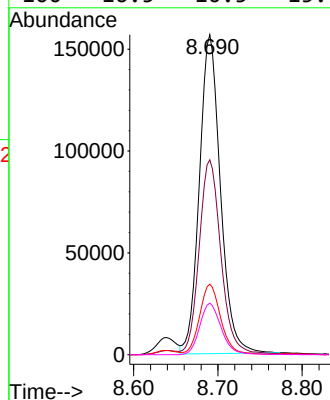
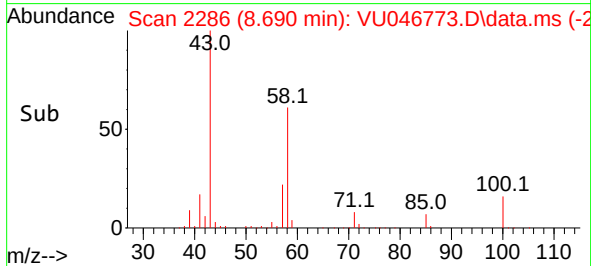


#48
2-Hexanone
Concen: 43.547 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Instrument :
MSVOA_U
ClientSampleId :

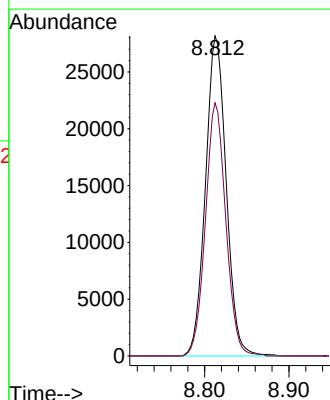
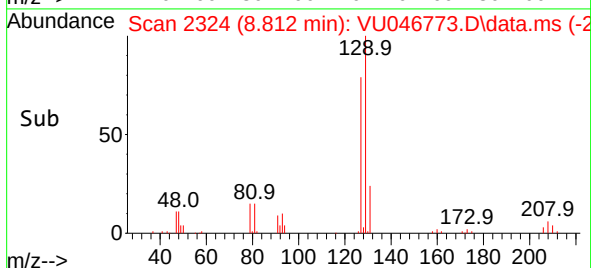
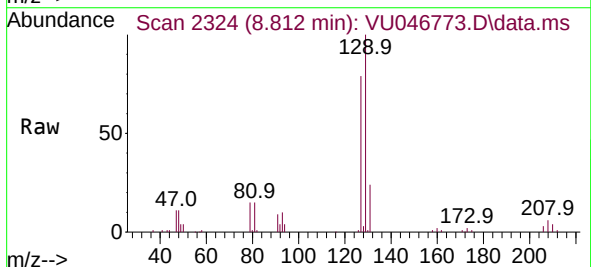


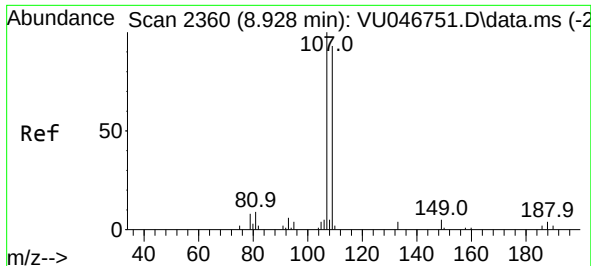
Tgt Ion: 43 Resp: 272864
Ion Ratio Lower Upper
43 100
58 63.5 46.7 70.1
57 22.0 16.3 24.5
100 16.5 10.5 15.7#



#49
Dibromochloromethane
Concen: 4.343 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

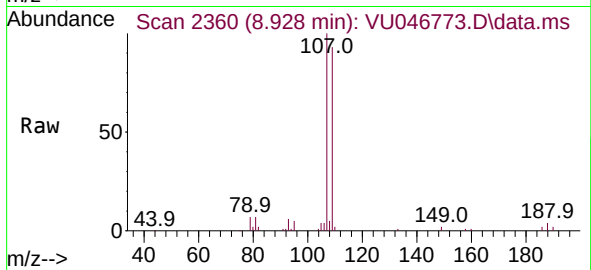
Tgt Ion: 129 Resp: 48222
Ion Ratio Lower Upper
129 100
127 79.1 55.4 102.8



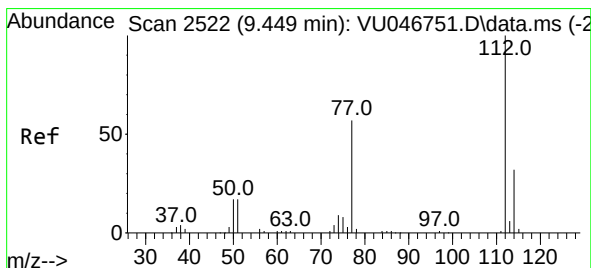
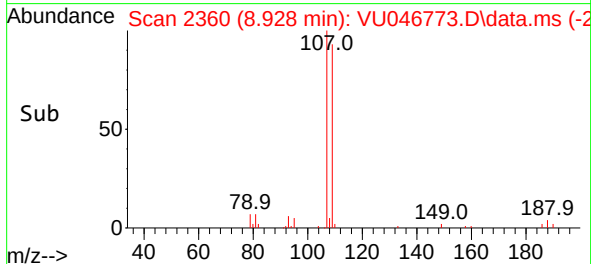
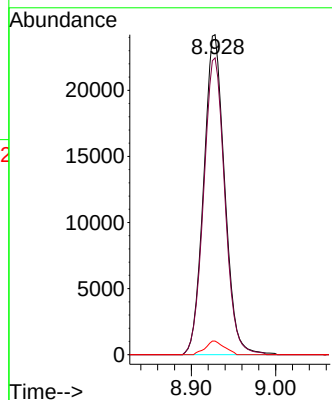


#50
1,2-Dibromoethane
Concen: 4.481 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Instrument :
MSVOA_U
ClientSampleId :

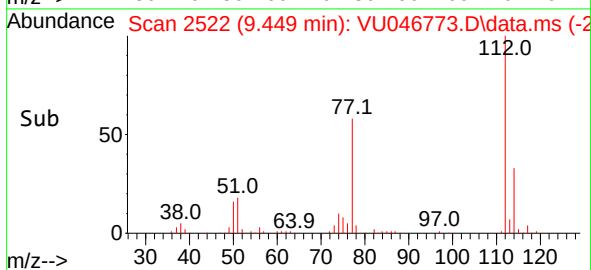
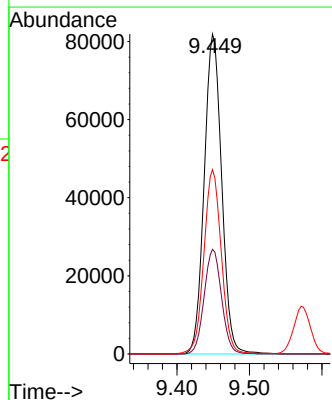
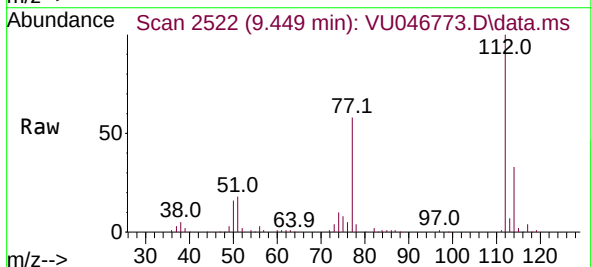


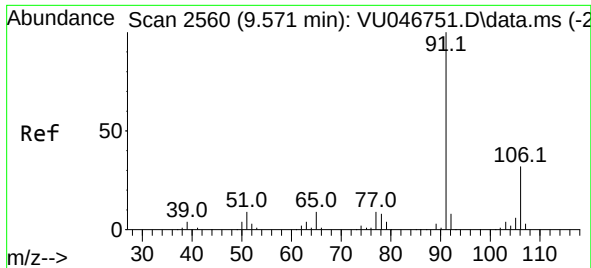
Tgt Ion:107 Resp: 41891
Ion Ratio Lower Upper
107 100
109 92.7 64.0 119.0
188 4.3 2.4 3.6#



#51
Chlorobenzene
Concen: 4.682 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion:112 Resp: 137053
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 57.6 48.3 72.5

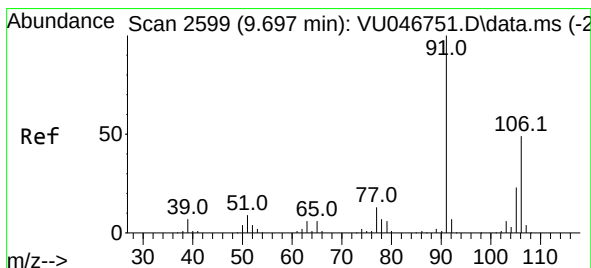
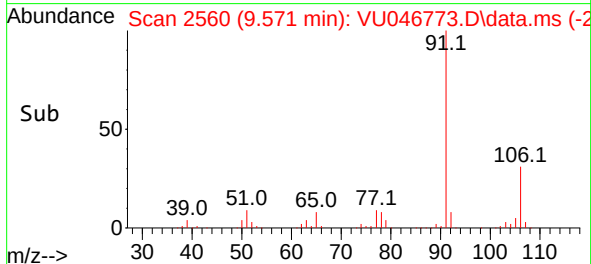
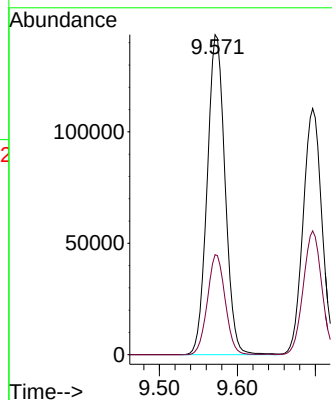
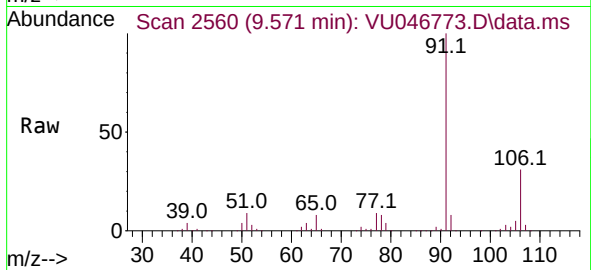




#52
Ethylbenzene
Concen: 4.837 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

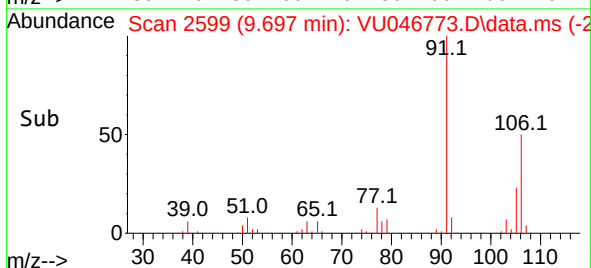
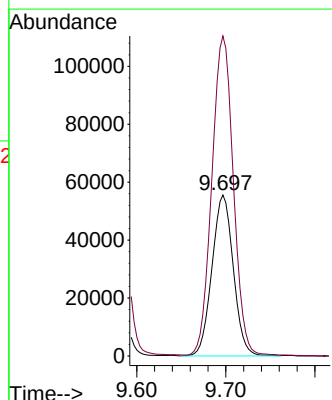
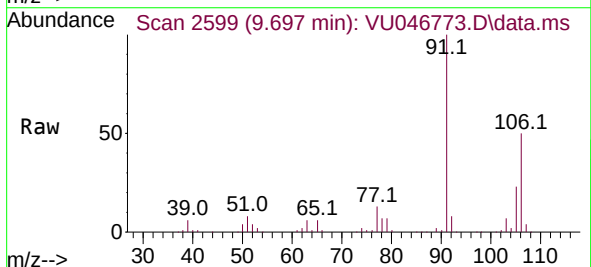
Instrument :
MSVOA_U
ClientSampleId :

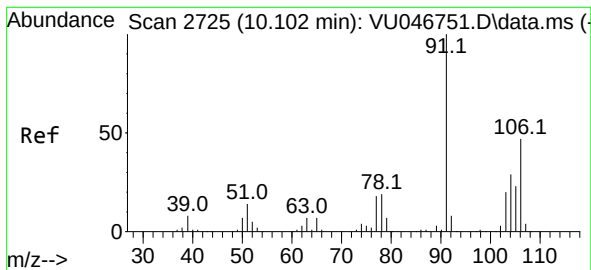
Tgt Ion: 91 Resp: 229000
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.073 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 106 Resp: 92494
Ion Ratio Lower Upper
106 100
91 198.8 139.4 259.0





#54

o-Xylene

Concen: 5.137 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

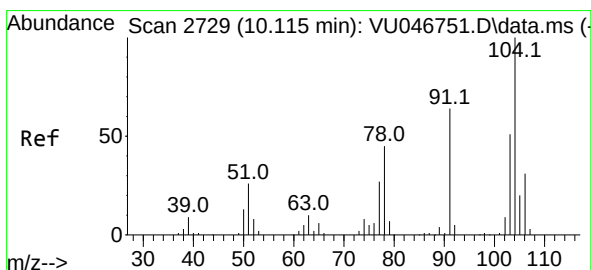
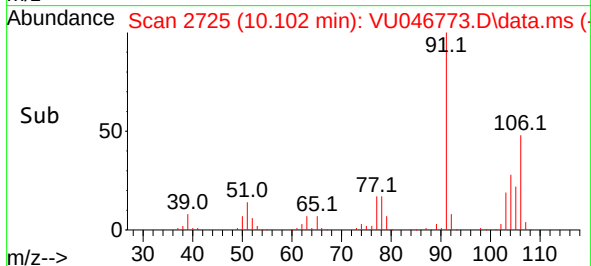
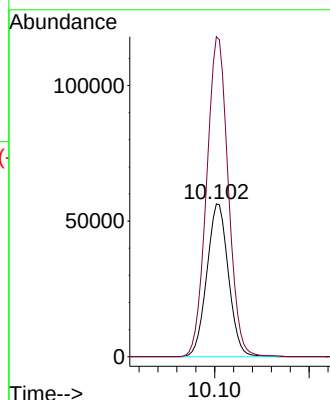
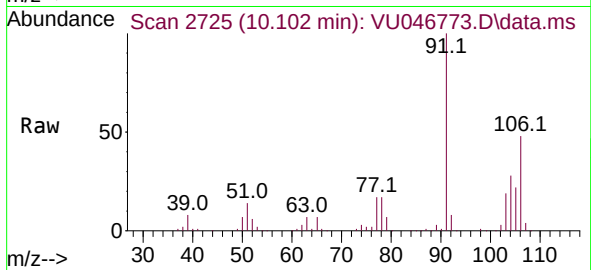
ClientSampleId :

Tgt Ion:106 Resp: 89340

Ion Ratio Lower Upper

106 100

91 209.5 147.5 273.9



#55

Styrene

Concen: 5.019 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU046773.D

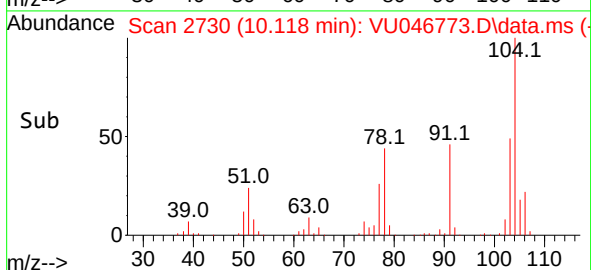
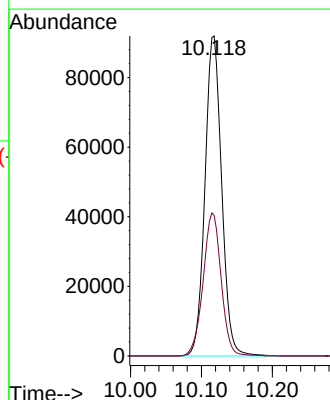
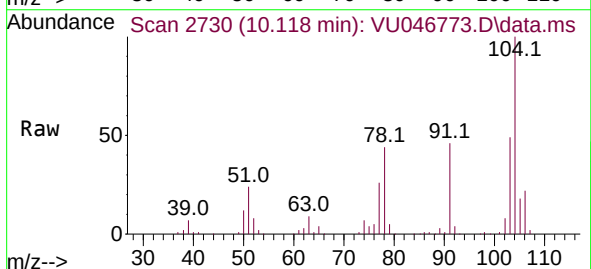
Acq: 18 Jan 2022 10:10

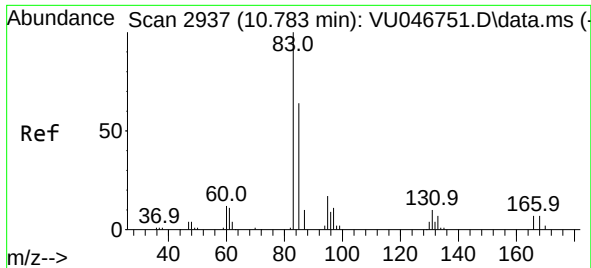
Tgt Ion:104 Resp: 150478

Ion Ratio Lower Upper

104 100

78 44.0 33.0 61.4

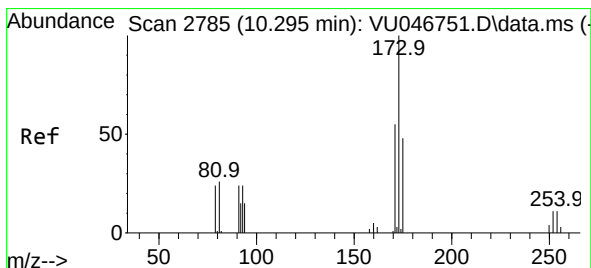
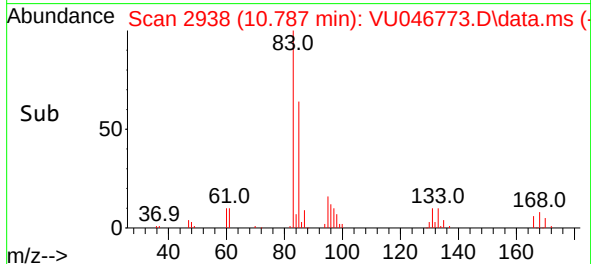
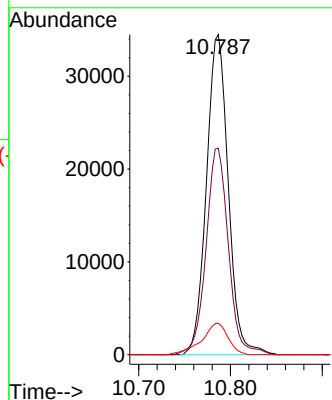
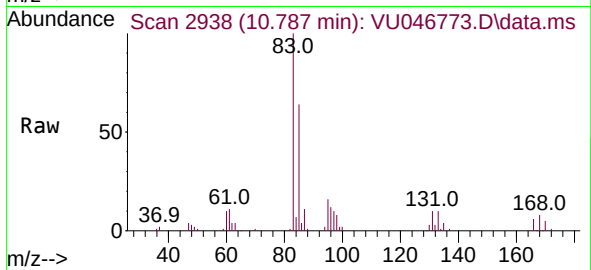




#57
1,1,2,2-Tetrachloroethane
Concen: 4.485 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

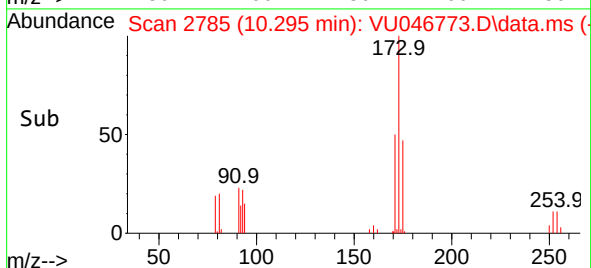
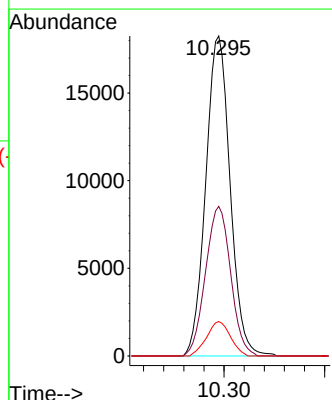
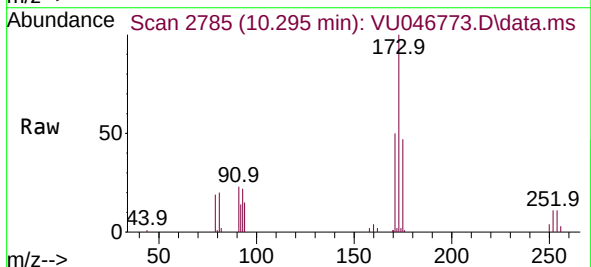
Instrument :
MSVOA_U
ClientSampleId :

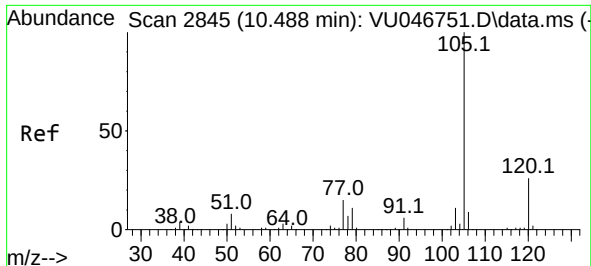
Tgt Ion: 83 Resp: 56968
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1
131 9.8 8.1 12.1



#59
Bromoform
Concen: 4.028 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion:173 Resp: 30715
Ion Ratio Lower Upper
173 100
175 48.1 37.8 56.6
254 10.5 7.3 10.9

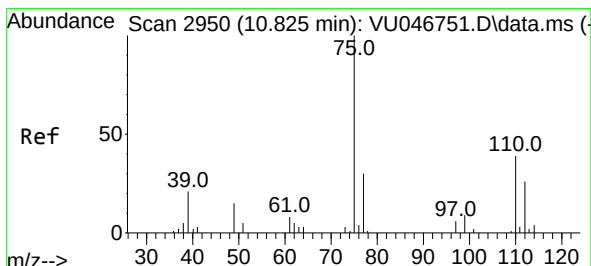
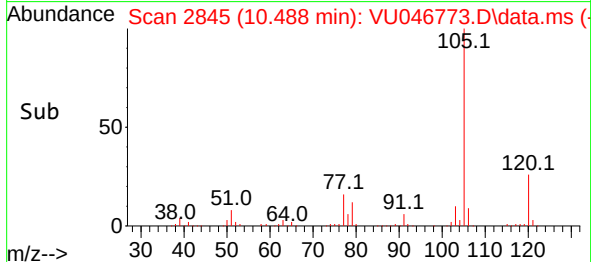
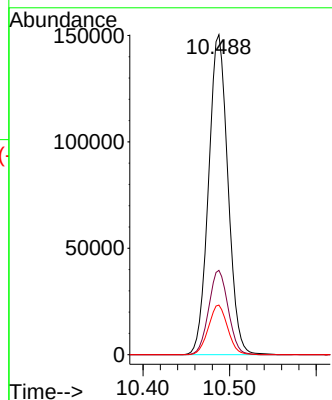
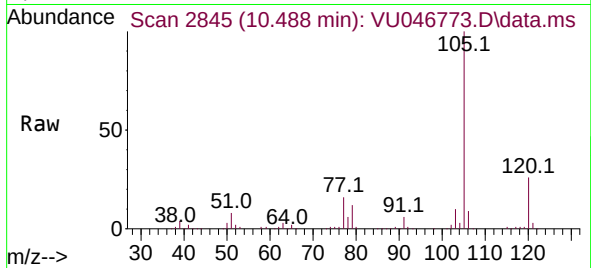




#60
Isopropylbenzene
Concen: 4.512 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

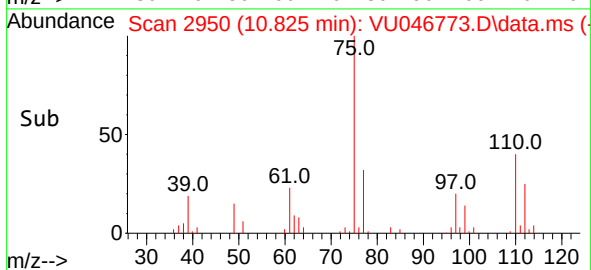
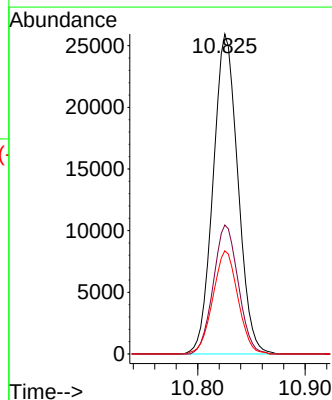
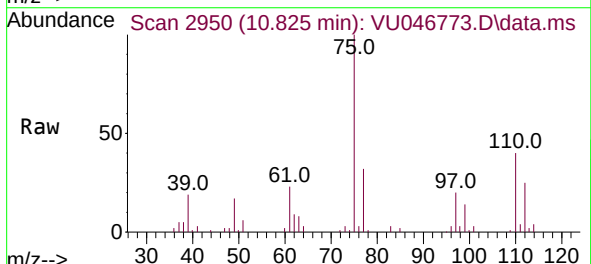
Instrument :
MSVOA_U
ClientSampleId :

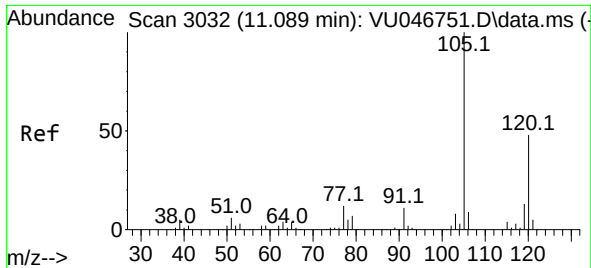
Tgt Ion:105 Resp: 233359
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 3.780 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion: 75 Resp: 41464
Ion Ratio Lower Upper
75 100
110 40.6 29.9 44.9
77 32.6 25.5 38.3

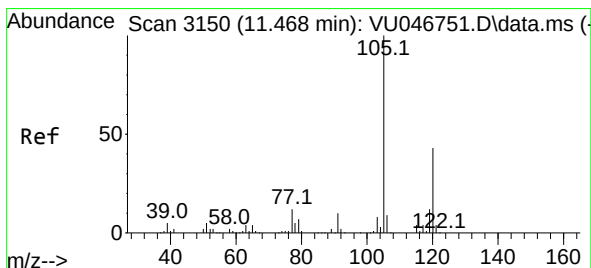
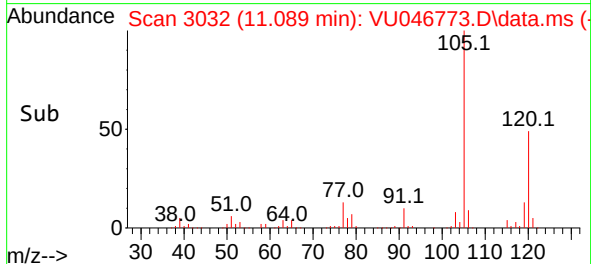
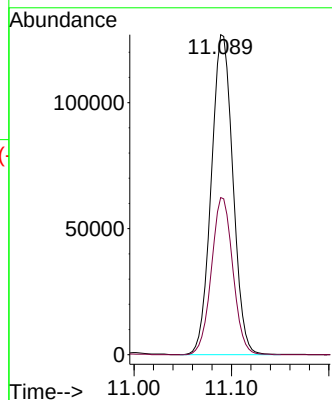
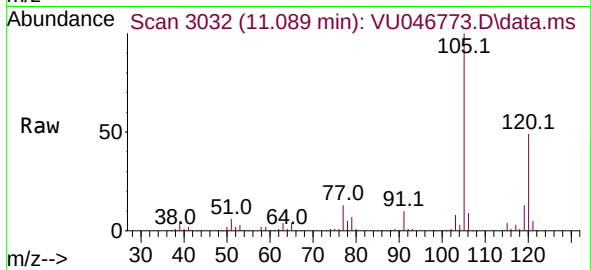




#62
1,3,5-Trimethylbenzene
Concen: 4.573 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

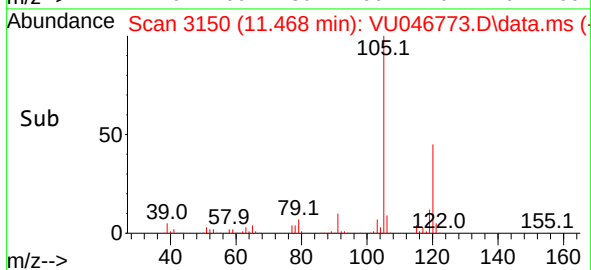
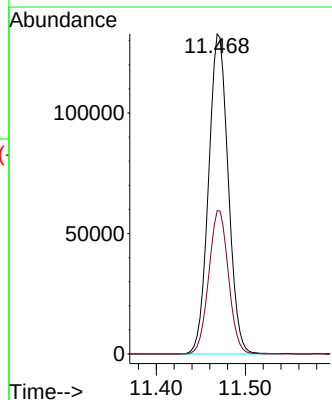
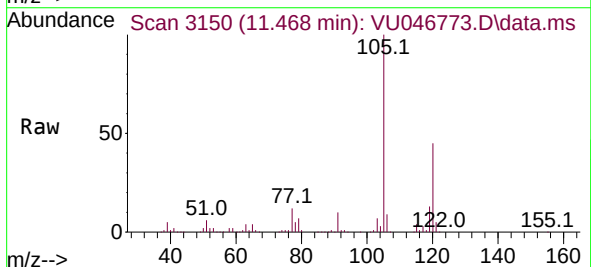
Instrument :
MSVOA_U
ClientSampleId :

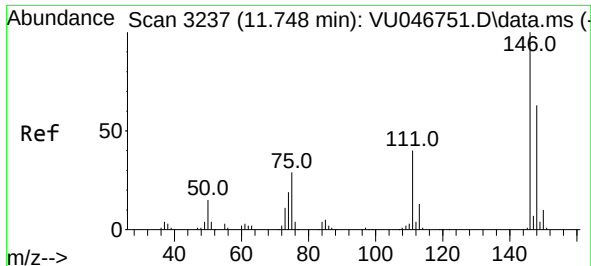
Tgt Ion:105 Resp: 195819
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.699 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion:105 Resp: 202929
Ion Ratio Lower Upper
105 100
120 44.9 35.8 53.8

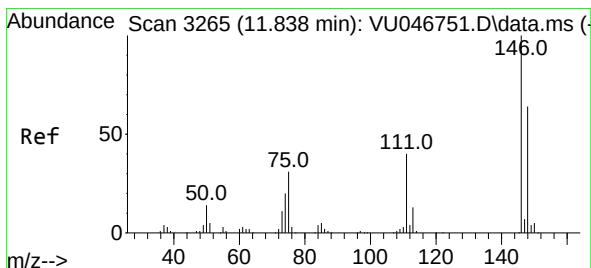
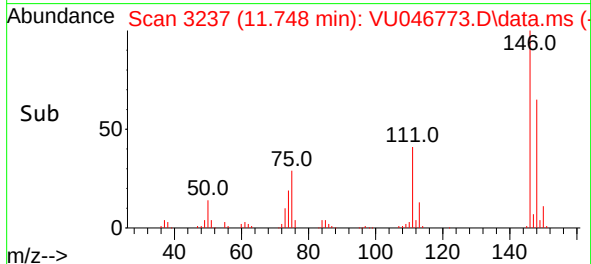
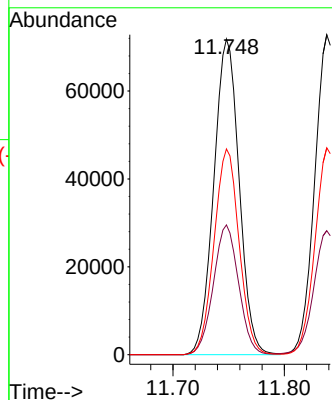
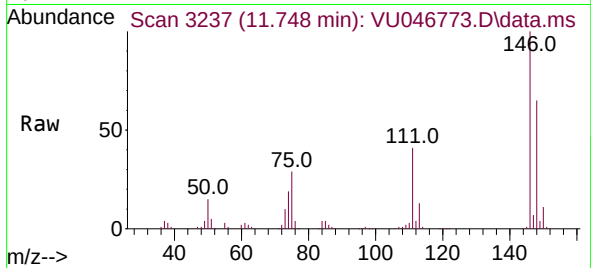




#64
1,3-Dichlorobenzene
Concen: 4.473 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

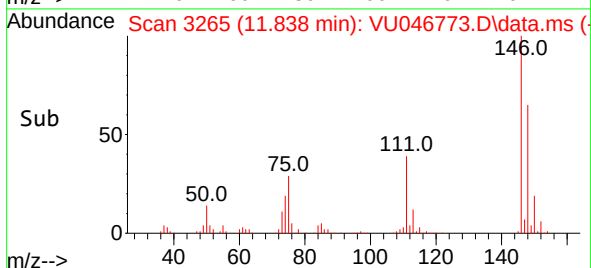
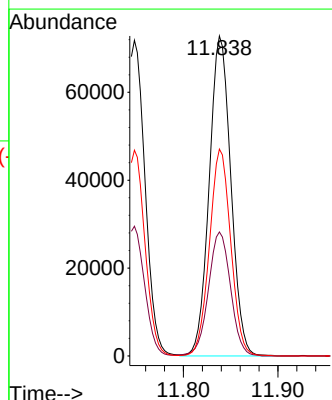
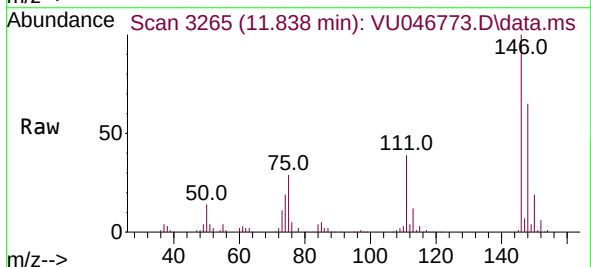
Instrument :
MSVOA_U
ClientSampleId :

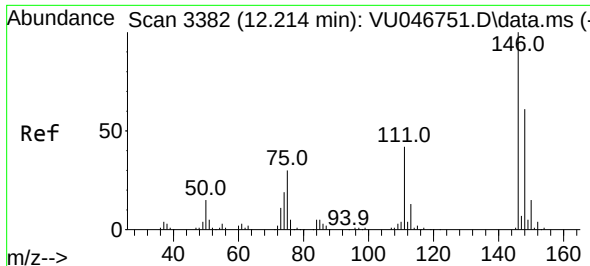
Tgt Ion:146 Resp: 113532
Ion Ratio Lower Upper
146 100
111 41.1 29.9 55.5
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.448 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046773.D
Acq: 18 Jan 2022 10:10

Tgt Ion:146 Resp: 115690
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 64.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.362 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

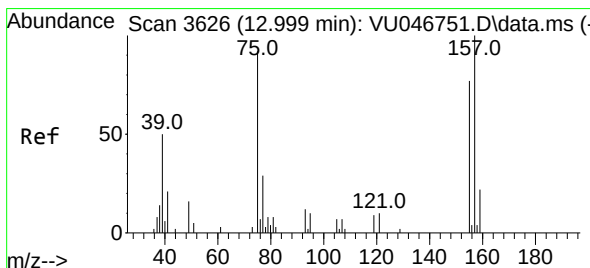
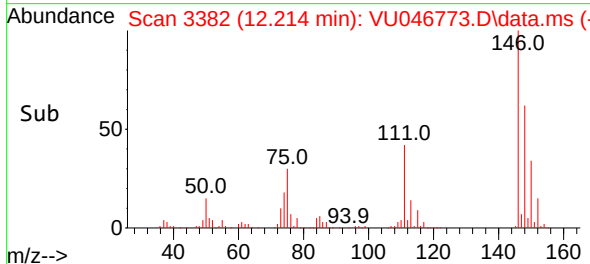
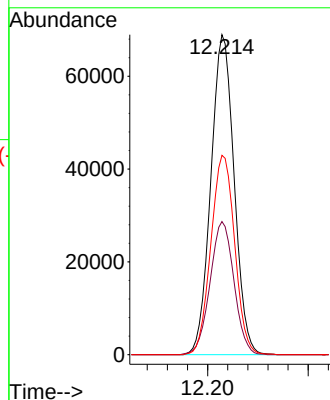
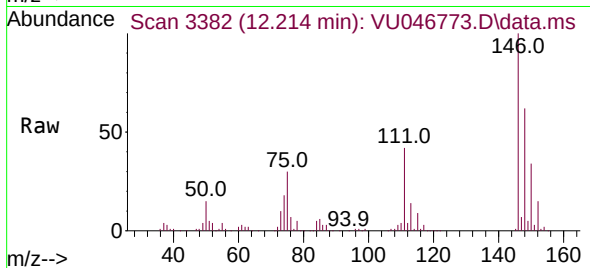
Tgt Ion:146 Resp: 110787

Ion Ratio Lower Upper

146 100

111 41.6 35.4 53.0

148 62.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.652 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

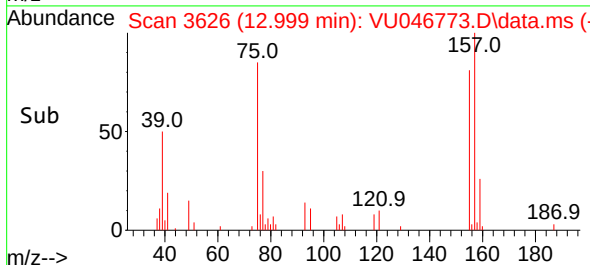
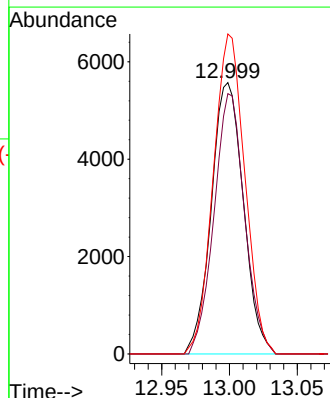
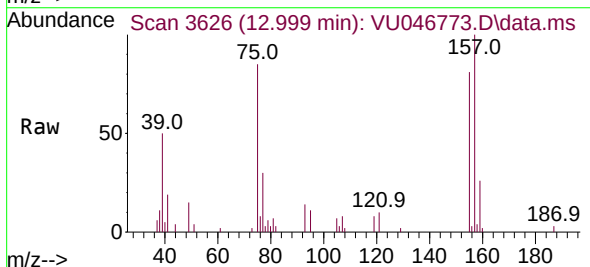
Tgt Ion: 75 Resp: 9174

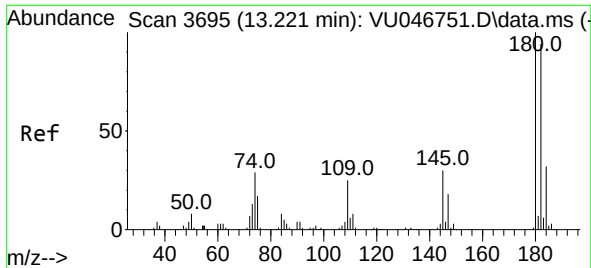
Ion Ratio Lower Upper

75 100

155 95.9 59.2 88.8#

157 117.9 76.5 114.7#





#69

1,3,5-Trichlorobenzene

Concen: 4.775 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 92341

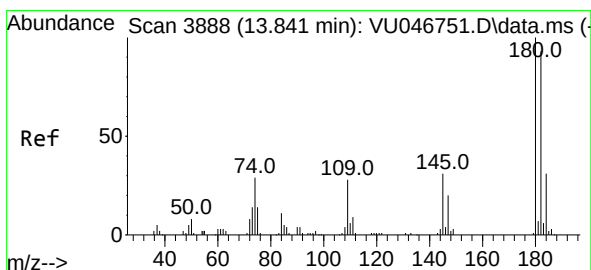
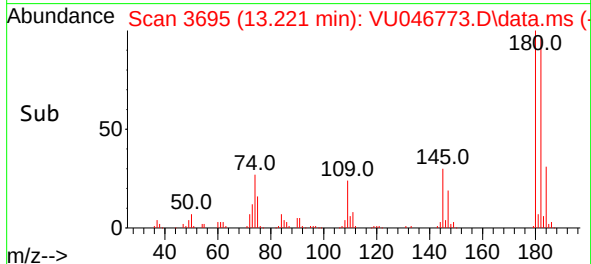
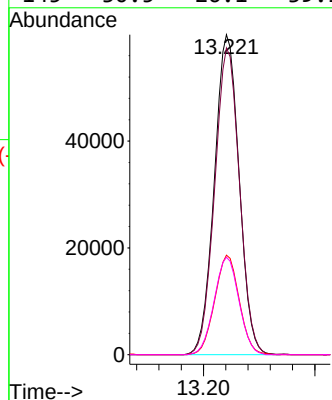
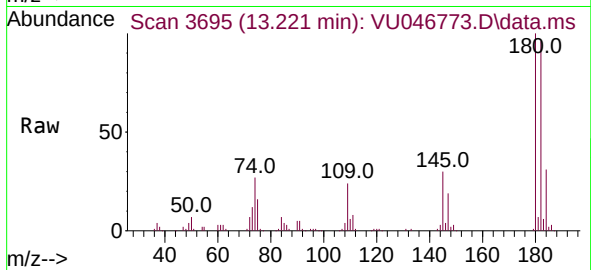
Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

184 30.8 25.0 37.4

145 30.5 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 4.779 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

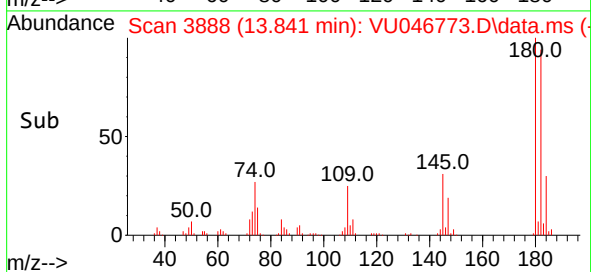
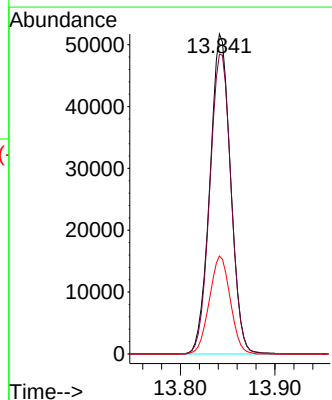
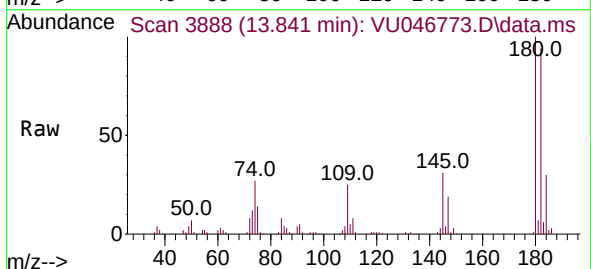
Tgt Ion:180 Resp: 78643

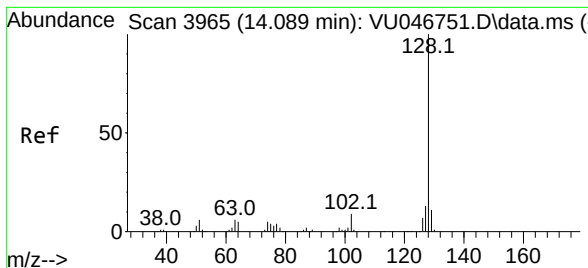
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 30.9 25.6 38.4





#71

Naphthalene

Concen: 4.765 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU046773.D

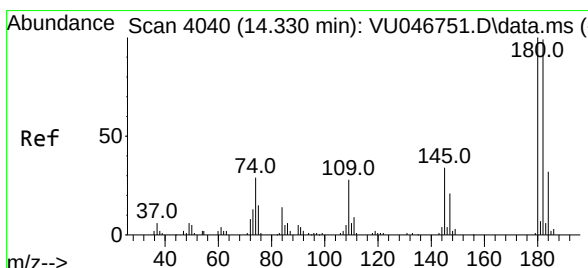
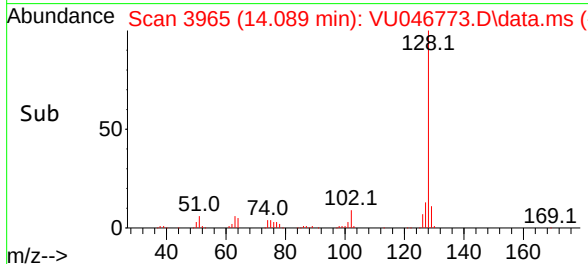
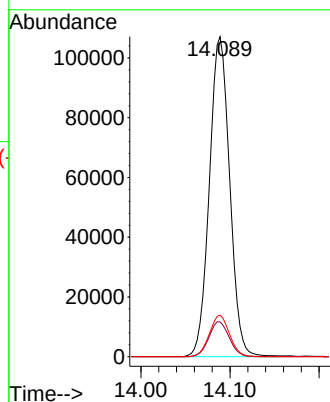
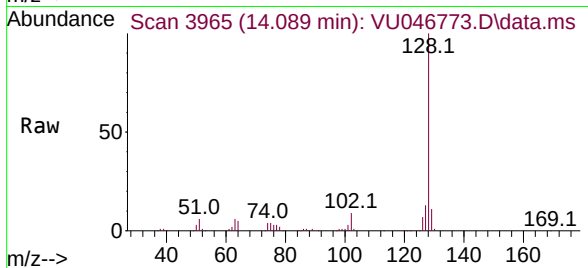
Acq: 18 Jan 2022 10:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp: 169447
Ion Ratio	Lower Upper
128	100
129	11.0 8.4 12.6
127	12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.582 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046773.D

Acq: 18 Jan 2022 10:10

Tgt Ion:180	Resp: 73657
Ion Ratio	Lower Upper
180	100
182	95.4 76.2 114.4
145	33.4 28.4 42.6

