

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044773.D
 Acq On : 23 Sep 2021 09:54
 Operator : SY/MD
 Sample : VSTD01014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	253060	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	245019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29063	13.137	ug/L	0.00
7) Chloroethane-d5	1.909	69	22832	13.910	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	46664	12.378	ug/L	0.00
21) 2-Butanone-d5	4.633	46	44487	25.619	ug/L	0.00
24) Chloroform-d	5.070	84	44729	12.069	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	31018	13.232	ug/L	0.00
32) Benzene-d6	5.732	84	88304	11.786	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	28412	11.626	ug/L	0.00
41) Toluene-d8	7.903	98	72862	10.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	12047	11.205	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	27927	23.100	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42277	11.423	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	26758	10.929	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	25228	11.577	ug/L	99
3) Chloromethane	1.520	50	32511	12.198	ug/L	96
5) Vinyl chloride	1.607	62	30894	11.968	ug/L	95
6) Bromomethane	1.848	94	16065	13.308	ug/L	99
8) Chloroethane	1.932	64	19144	12.779	ug/L	95
9) Trichlorofluoromethane	2.138	101	35711	12.178	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22888	12.078	ug/L	97
12) 1,1-Dichloroethene	2.584	96	19865	10.719	ug/L	90
13) Acetone	2.633	43	54012	37.619	ug/L	100
14) Carbon disulfide	2.797	76	63586	10.868	ug/L	99
15) Methyl Acetate	2.954	43	33170	12.338	ug/L	100
16) Methylene chloride	3.051	84	26649	9.704	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	21550	11.229	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	66619	11.222	ug/L	98
19) 1,1-Dichloroethane	3.877	63	44196	11.621	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	23113	10.934	ug/L	95
22) 2-Butanone	4.710	43	58619	28.291	ug/L	99
23) Bromochloromethane	4.980	128	12025	10.630	ug/L	96
25) Chloroform	5.092	83	44941	12.048	ug/L	99
27) 1,2-Dichloroethane	5.800	62	36805	12.537	ug/L	100
29) Cyclohexane	5.391	56	35849	10.690	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	35697	11.705	ug/L	98
31) Carbon tetrachloride	5.530	117	27214	11.020	ug/L	100
33) Benzene	5.780	78	95365	11.298	ug/L	100
34) Trichloroethene	6.546	95	22230	10.854	ug/L	94
35) Methylcyclohexane	6.768	83	35781	10.885	ug/L	99
37) 1,2-Dichloropropane	6.796	63	26166	11.346	ug/L	100
38) Bromodichloromethane	7.112	83	31353	11.403	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	34072	10.728	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	83146	23.449	ug/L	99
42) Toluene	7.973	91	92961	10.588	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	32000	10.679	ug/L	99

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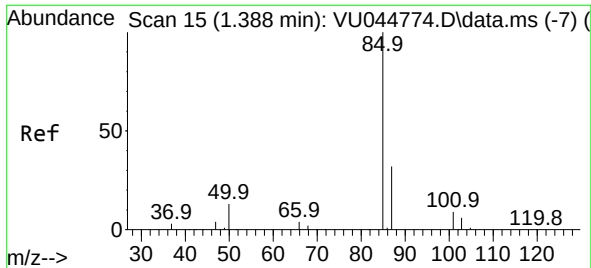
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	23807	11.261	ug/L	99
46) Tetrachloroethene	8.558	164	16298	10.358	ug/L	95
48) 2-Hexanone	8.690	43	71299	24.437	ug/L	100
49) Dibromochloromethane	8.812	129	22101	10.286	ug/L	99
50) 1,2-Dibromoethane	8.928	107	24017	10.926	ug/L	94
51) Chlorobenzene	9.449	112	58888	10.874	ug/L	98
52) Ethylbenzene	9.575	91	95242	10.493	ug/L	98
53) m,p-Xylene	9.697	106	35729	10.414	ug/L	99
54) o-xylene	10.105	106	33852	9.942	ug/L	96
55) Styrene	10.118	104	58011	10.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	43544	11.239	ug/L	98
59) Bromoform	10.295	173	15007	9.472	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	35487	12.025	ug/L	99
61) Isopropylbenzene	10.488	105	88794	10.847	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	69054	10.146	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	70115	10.223	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	41586	10.622	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	43217	10.815	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	43248	10.611	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	10013	12.173	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	27853	9.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	21998	8.981	ug/L	98
71) Naphthalene	14.089	128	71075	8.604	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	23684	9.234	ug/L	98

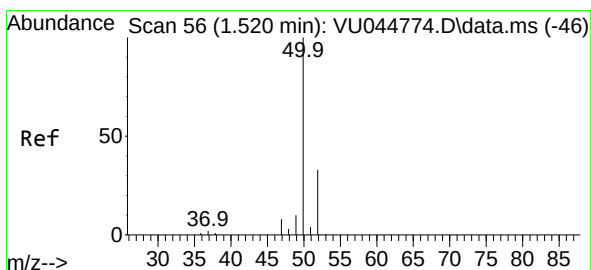
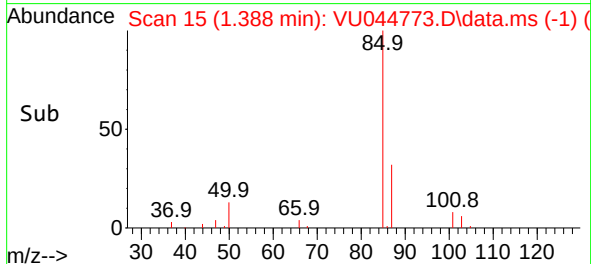
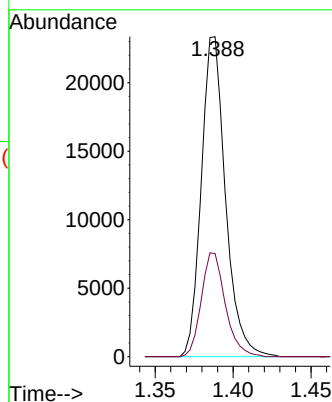
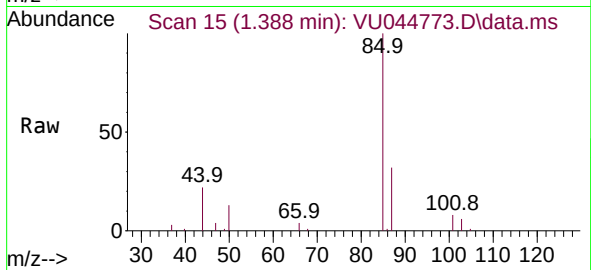
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 11.577 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

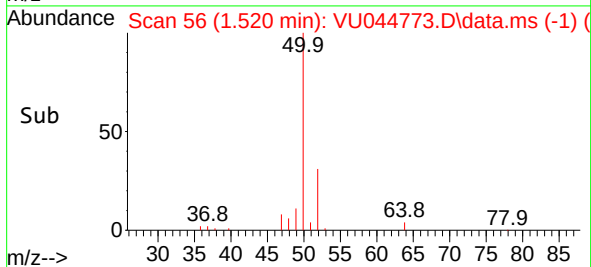
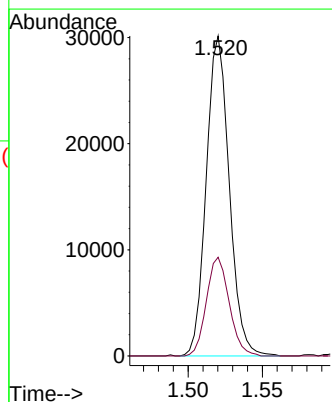
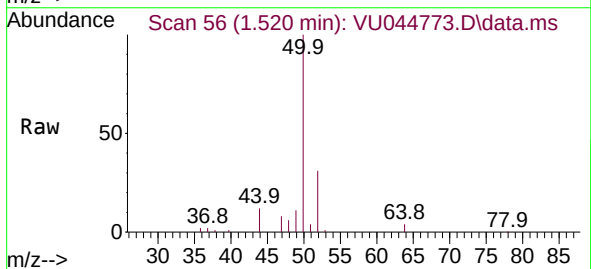
Instrument :
MSVOA_U
ClientSampled :

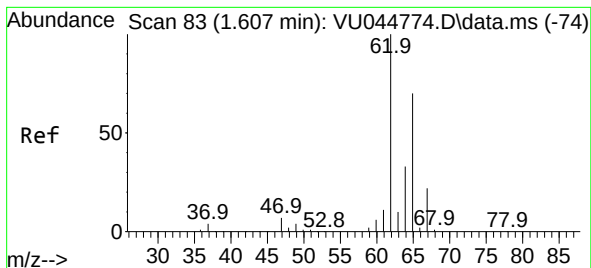
Tgt Ion: 85 Resp: 25228
Ion Ratio Lower Upper
85 100
87 32.2 25.2 37.8



#3
Chloromethane
Concen: 12.198 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 50 Resp: 32511
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.8





#5

Vinyl chloride

Concen: 11.968 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU044773.D

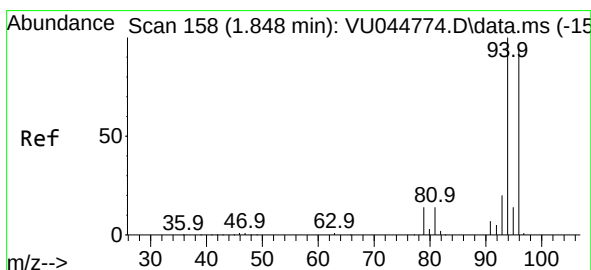
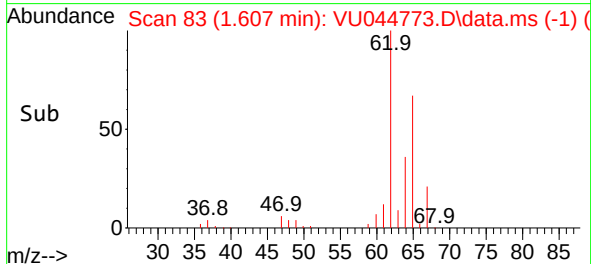
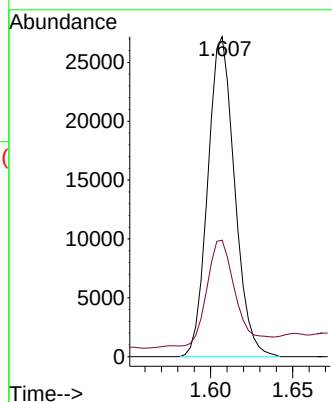
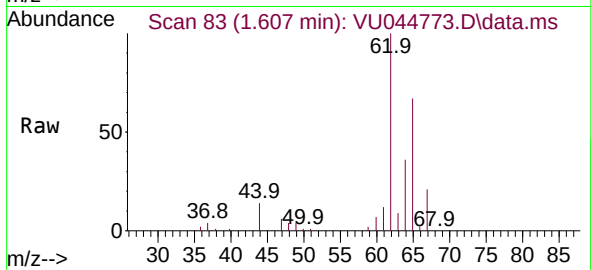
Acq: 23 Sep 2021 09:54

Tgt Ion: 62 Resp: 30894

Ion Ratio Lower Upper

62 100

64 36.4 23.4 43.6



#6

Bromomethane

Concen: 13.308 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.000 min

Lab File: VU044773.D

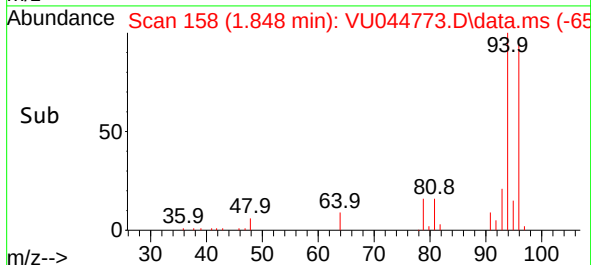
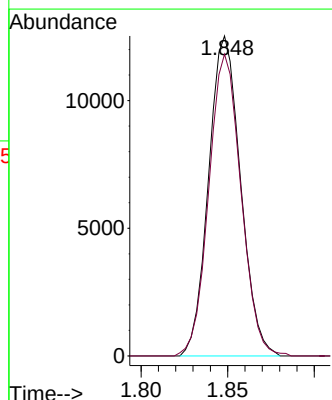
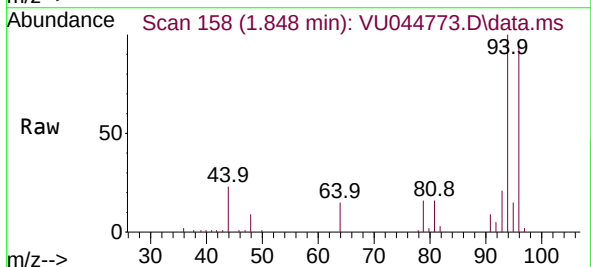
Acq: 23 Sep 2021 09:54

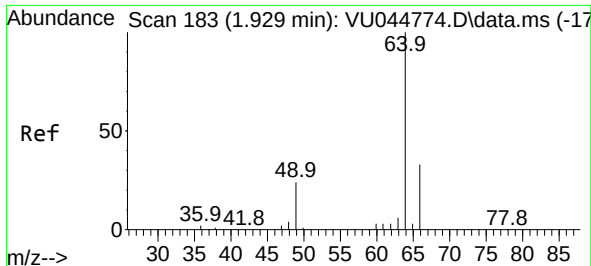
Tgt Ion: 94 Resp: 16065

Ion Ratio Lower Upper

94 100

96 94.3 65.7 121.9

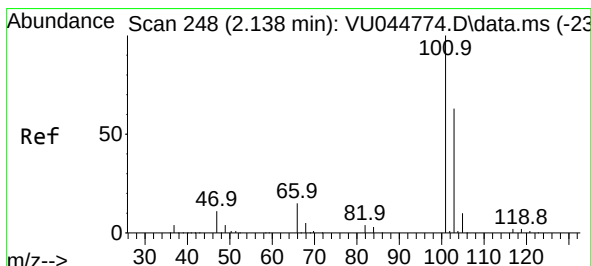
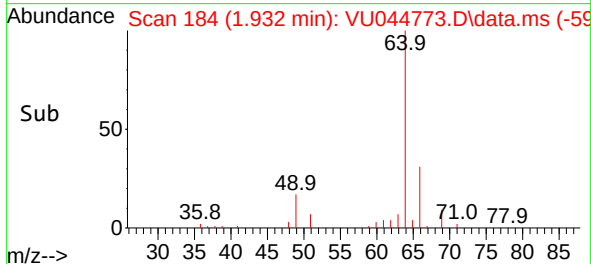
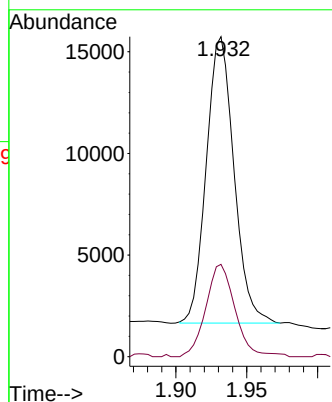
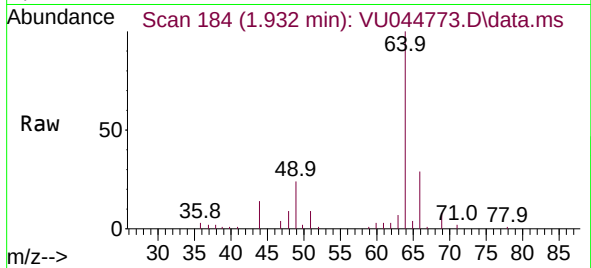




#8
Chloroethane
Concen: 12.779 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

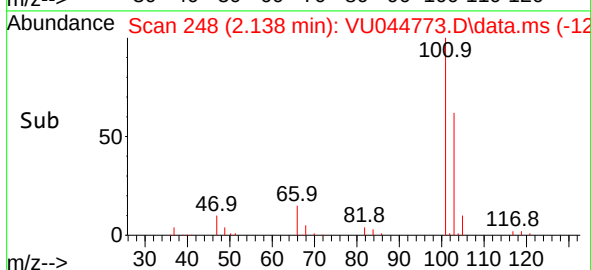
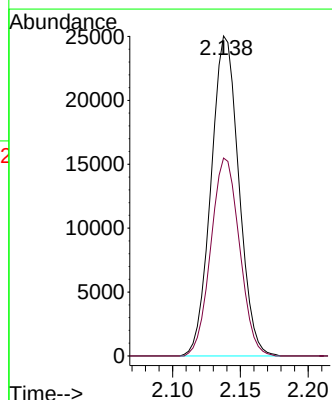
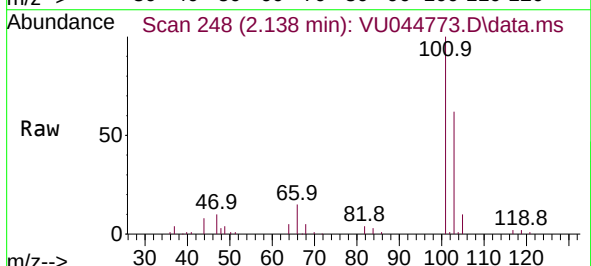
Instrument :
MSVOA_U
ClientSampled :

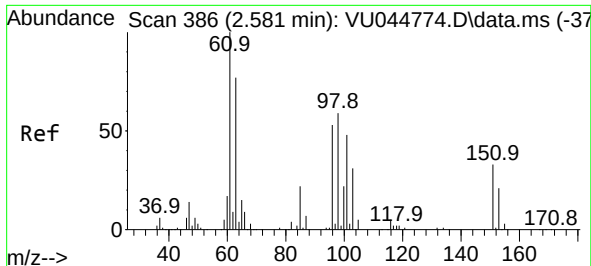
Tgt Ion: 64 Resp: 19144
Ion Ratio Lower Upper
64 100
66 28.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 12.178 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:101 Resp: 35711
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

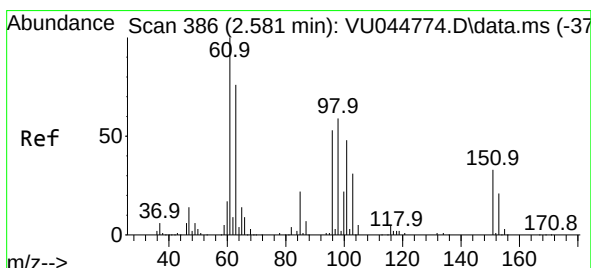
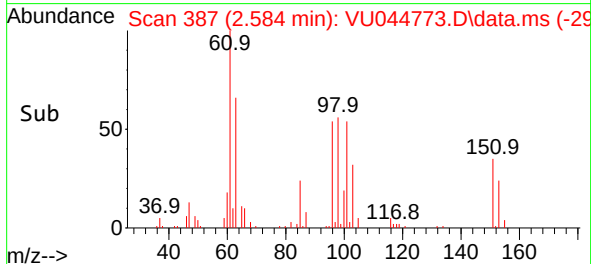
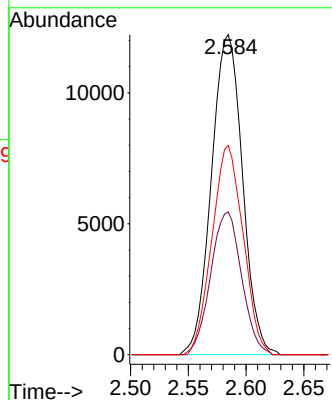
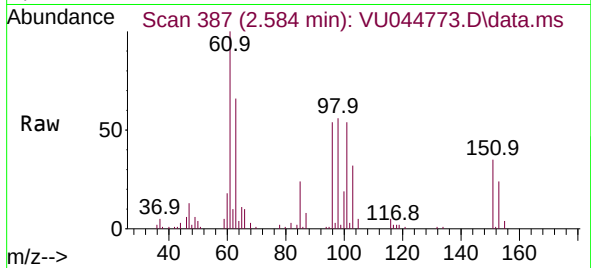




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.078 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

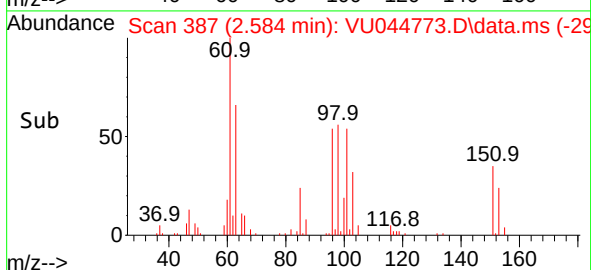
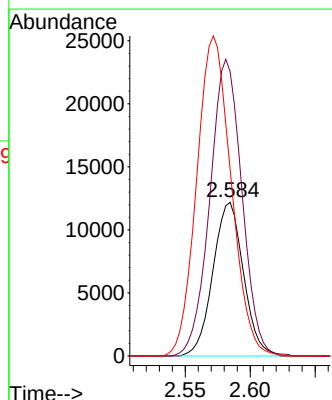
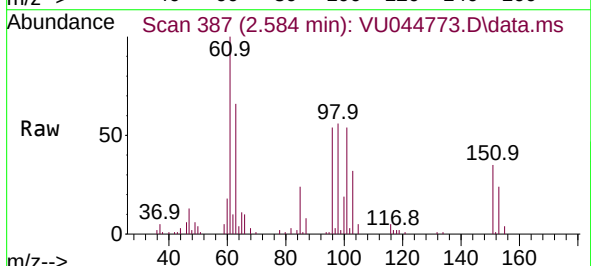
Instrument :
MSVOA_U
ClientSampleId :

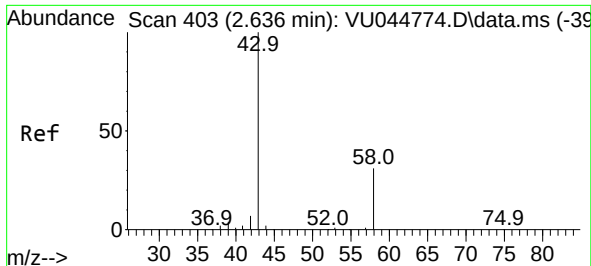
Tgt Ion:101 Resp: 22888
Ion Ratio Lower Upper
101 100
85 44.5 36.4 54.6
151 65.5 54.4 81.6



#12
1,1-Dichloroethene
Concen: 10.719 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 96 Resp: 19865
Ion Ratio Lower Upper
96 100
61 185.1 131.3 243.9
63 121.6 102.5 190.3

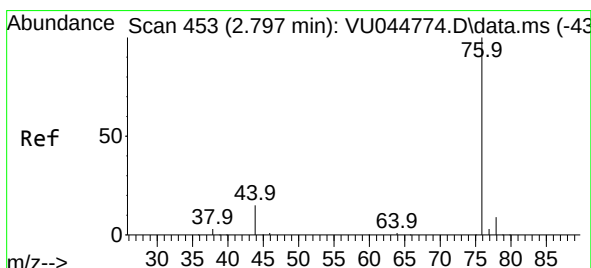
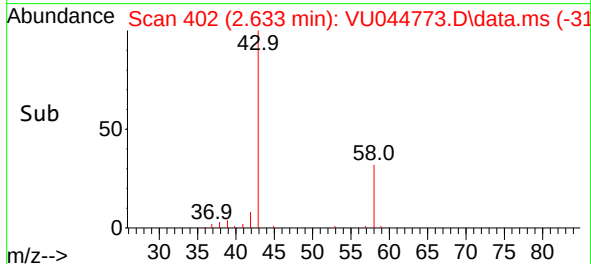
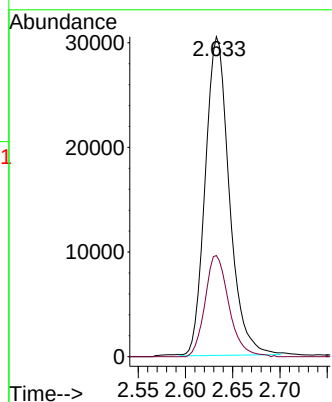
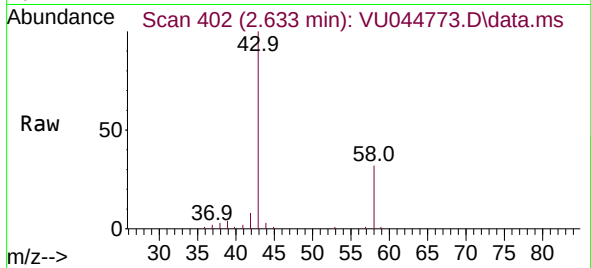




#13
Acetone
Concen: 37.619 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

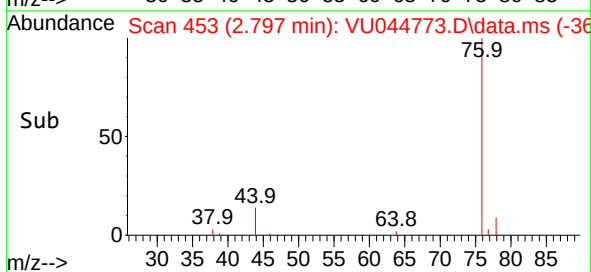
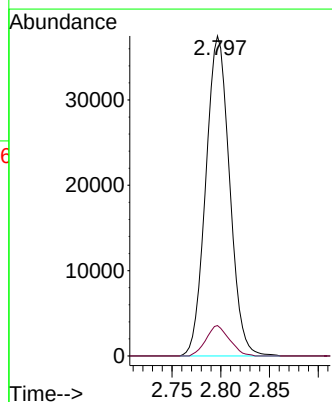
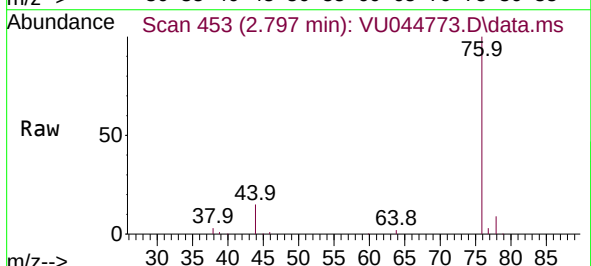
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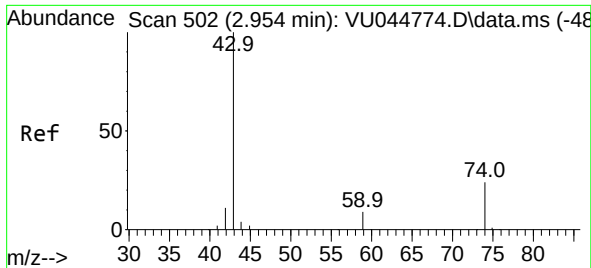
Tgt Ion: 43 Resp: 54012
Ion Ratio Lower Upper
43 100
58 31.5 0.0 62.8



#14
Carbon disulfide
Concen: 10.868 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 76 Resp: 63586
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

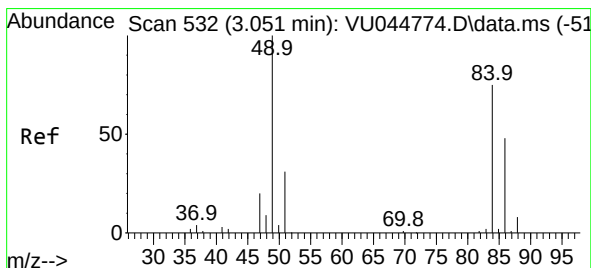
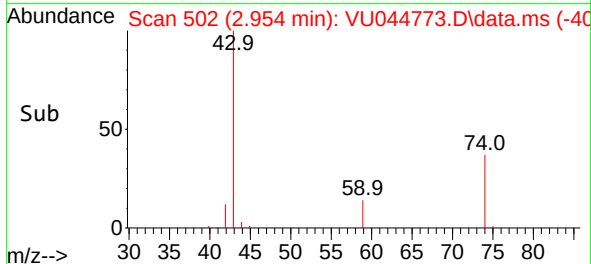
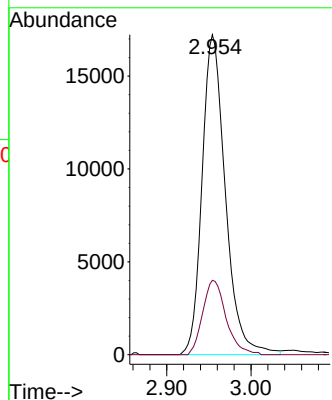
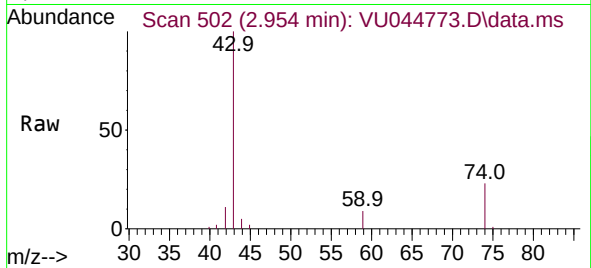




#15
Methyl Acetate
Concen: 12.338 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

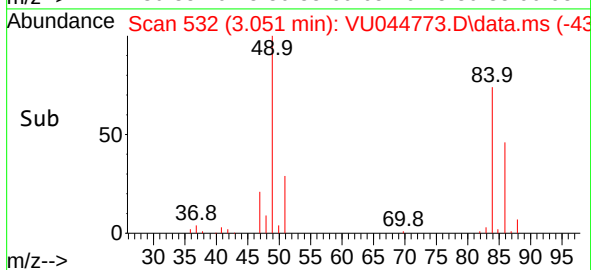
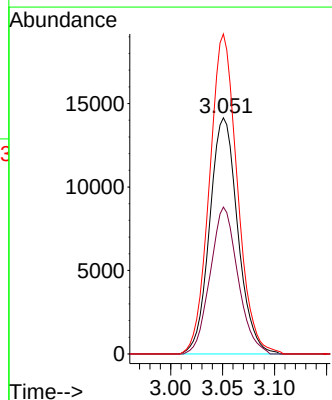
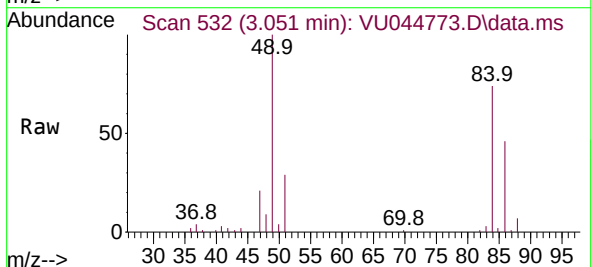
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MSVOA_U
ClientSampled :

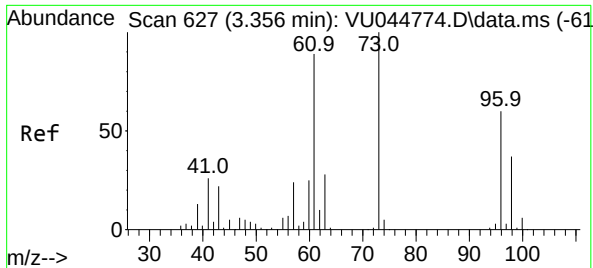
Tgt Ion: 43 Resp: 33170
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6



#16
Methylene chloride
Concen: 9.704 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 84 Resp: 26649
Ion Ratio Lower Upper
84 100
86 62.2 44.7 83.1
49 135.5 92.9 172.5



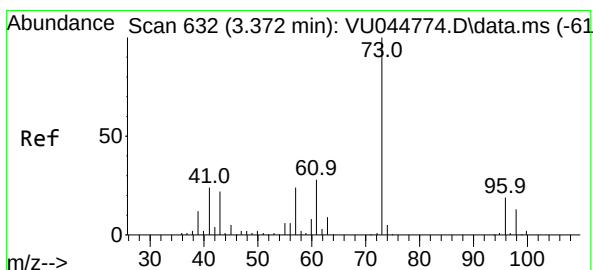
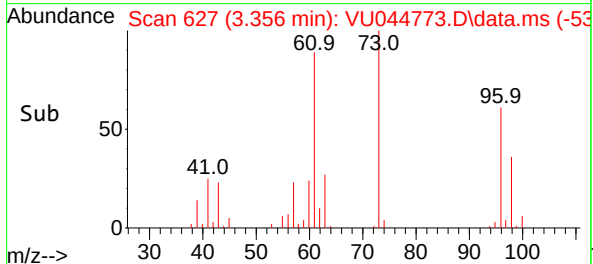
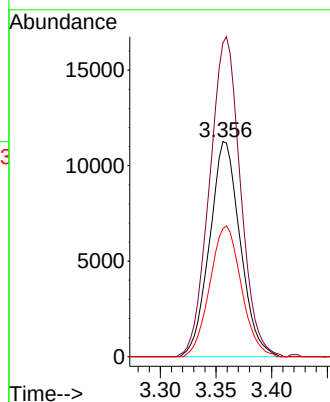
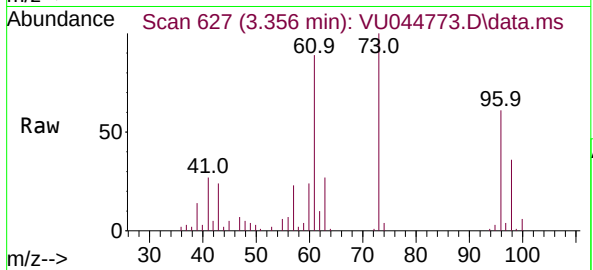


#17

trans-1,2-Dichloroethene
Concen: 11.229 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Instrument :
MSVOA_U
ClientSampleId :

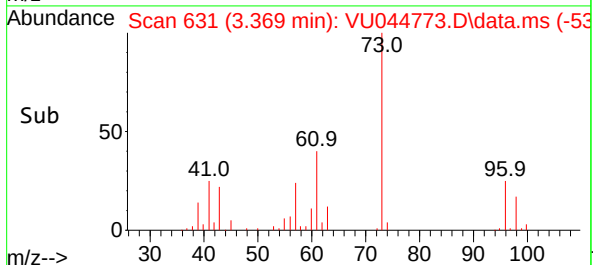
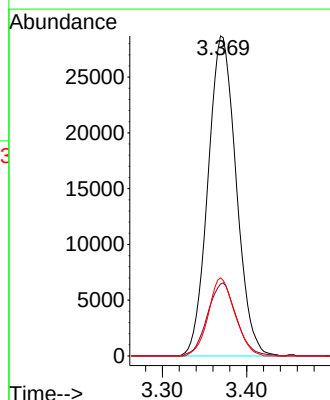
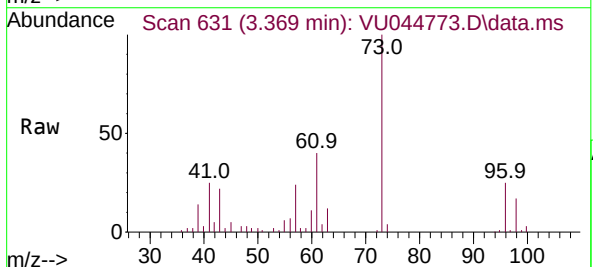
Tgt Ion:	96	Resp:	21550
Ion	Ratio	Lower	Upper
96	100		
61	145.8	105.1	195.3
98	59.5	43.0	79.8

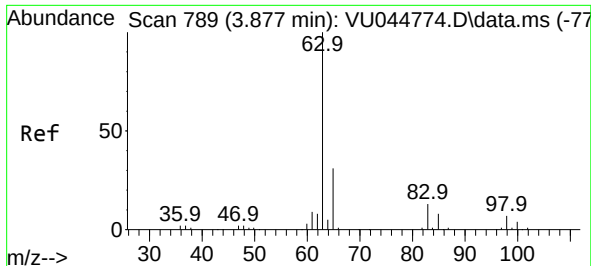


#18

Methyl tert-butyl Ether
Concen: 11.222 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:	73	Resp:	66619
Ion	Ratio	Lower	Upper
73	100		
43	23.3	17.3	25.9
57	23.0	18.7	28.1





#19

1,1-Dichloroethane

Concen: 11.621 ug/L

RT: 3.877 min Scan# 789

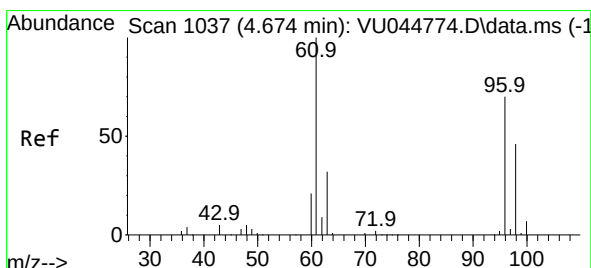
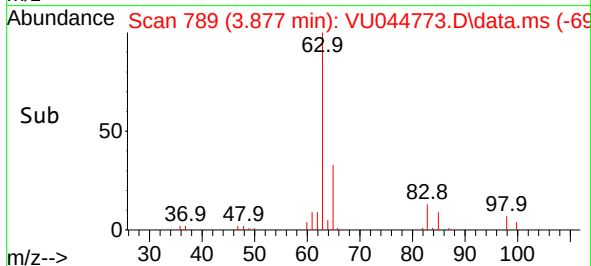
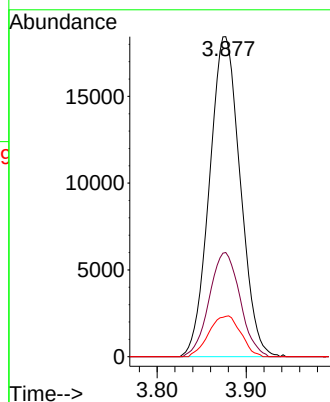
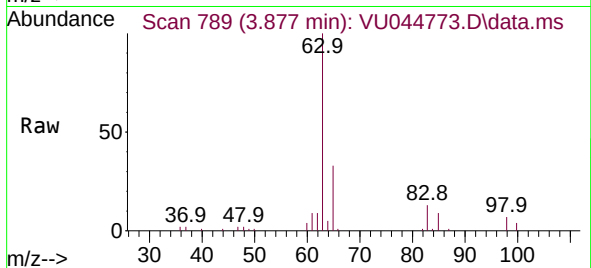
Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion:	63	Resp:	44196
Ion Ratio	Lower	Upper	
63	100		
65	33.4	22.0	40.8
83	12.6	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 10.934 ug/L

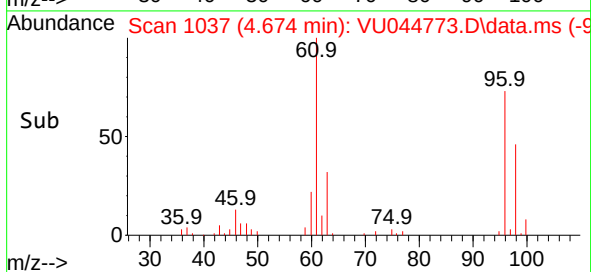
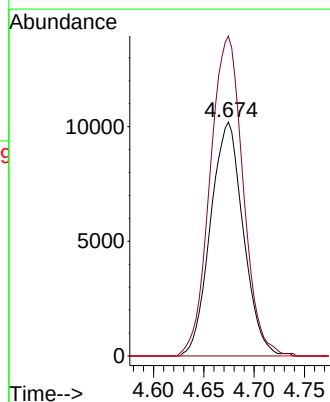
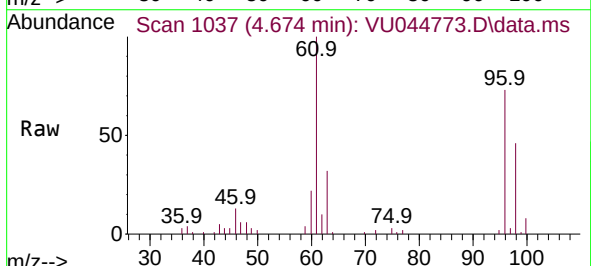
RT: 4.674 min Scan# 1037

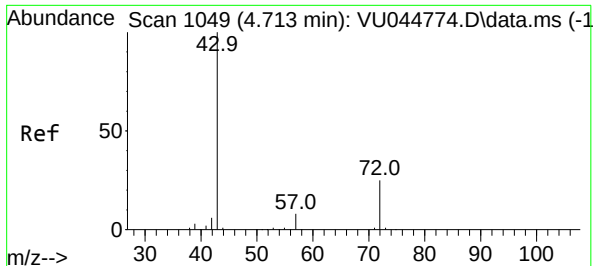
Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion:	96	Resp:	23113
Ion Ratio	Lower	Upper	
96	100		
61	136.8	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 28.291 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU044773.D

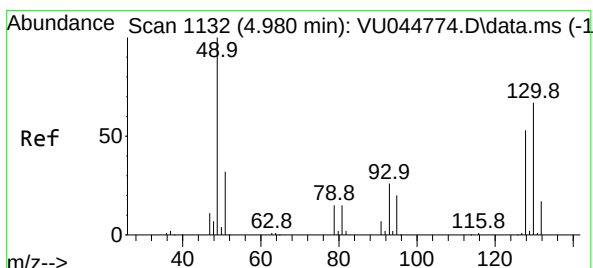
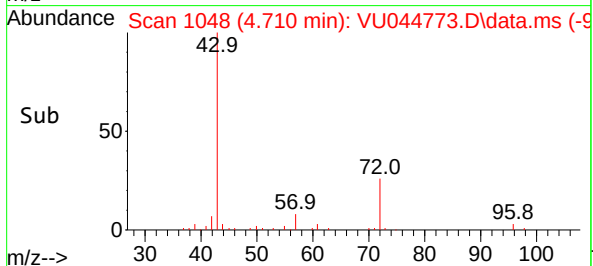
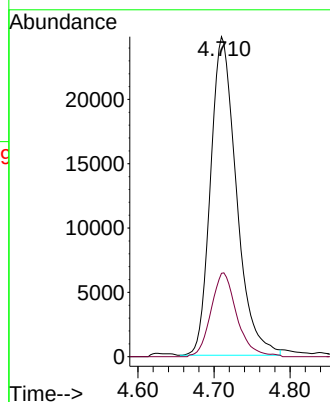
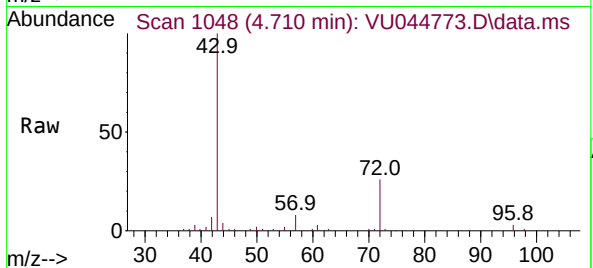
Acq: 23 Sep 2021 09:54

Tgt Ion: 43 Resp: 58619

Ion Ratio Lower Upper

43 100

72 26.1 13.3 39.9



#23

Bromochloromethane

Concen: 10.630 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion:128 Resp: 12025

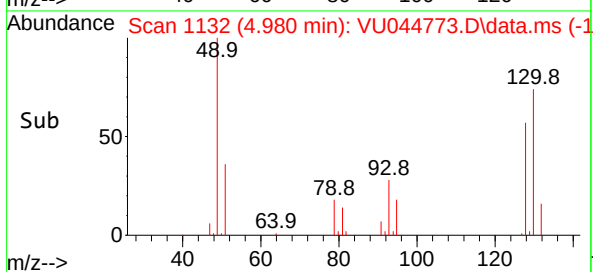
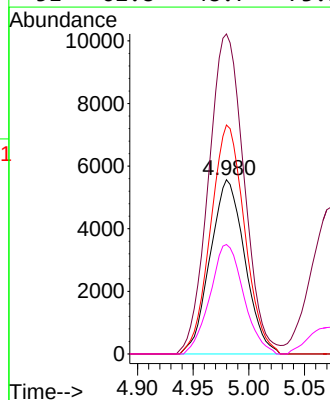
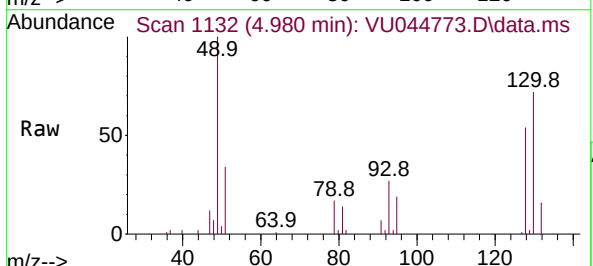
Ion Ratio Lower Upper

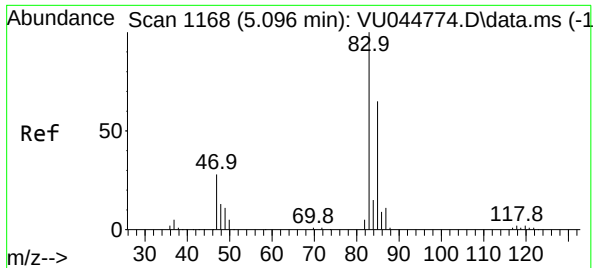
128 100

49 183.6 132.9 246.7

130 131.4 88.2 163.8

51 62.8 48.7 73.1



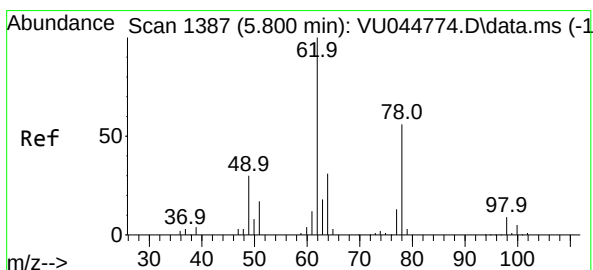
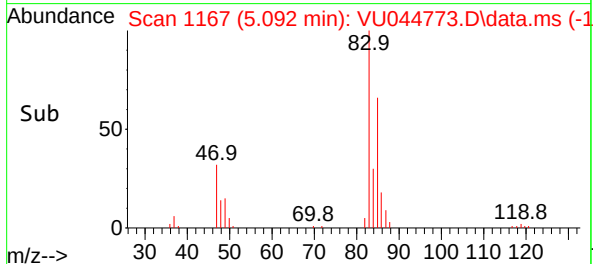
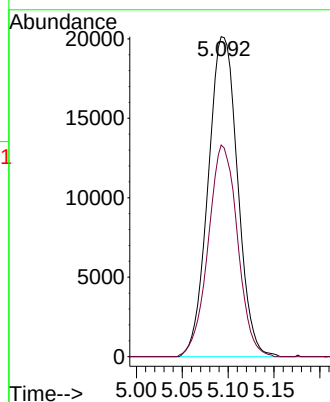
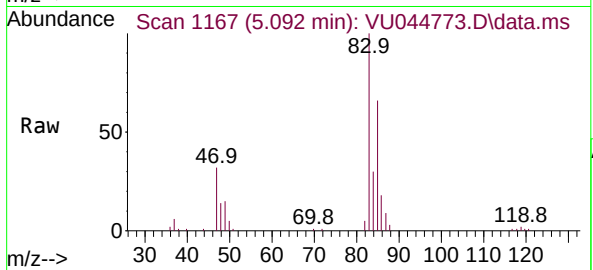


#25

Chloroform
Concen: 12.048 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Instrument :
MSVOA_U
ClientSampleId :

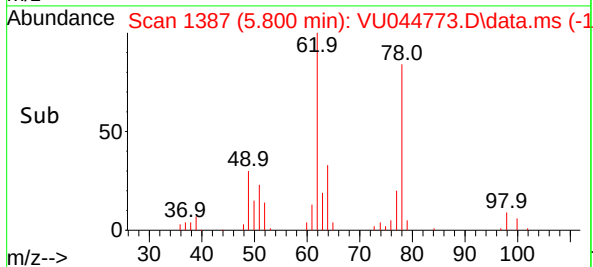
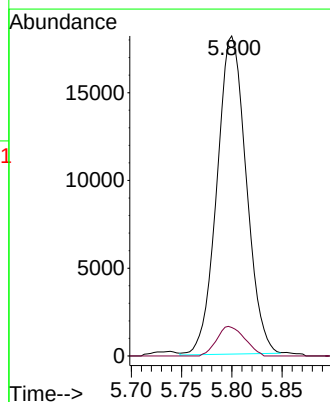
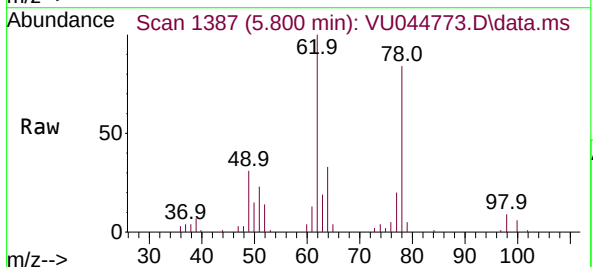
Tgt Ion: 83 Resp: 44941
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.6

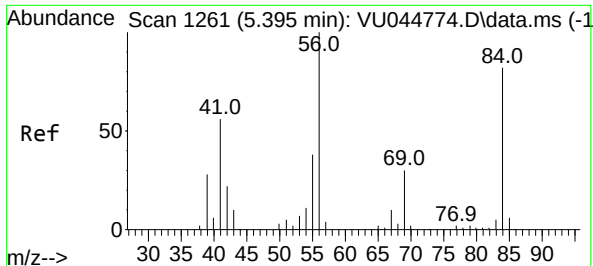


#27

1,2-Dichloroethane
Concen: 12.537 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 62 Resp: 36805
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 10.690 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

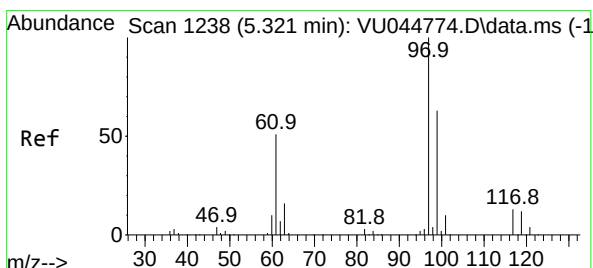
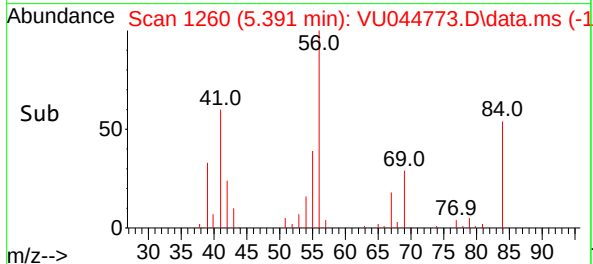
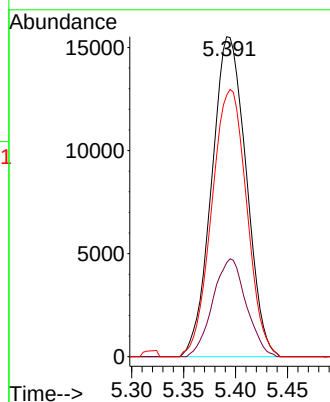
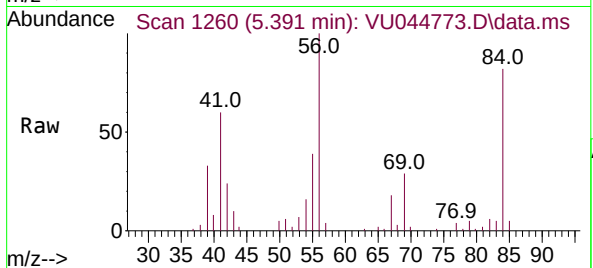
Tgt Ion: 56 Resp: 35849

Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.8

84 84.6 66.8 100.2



#30

1,1,1-Trichloroethane

Concen: 11.705 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

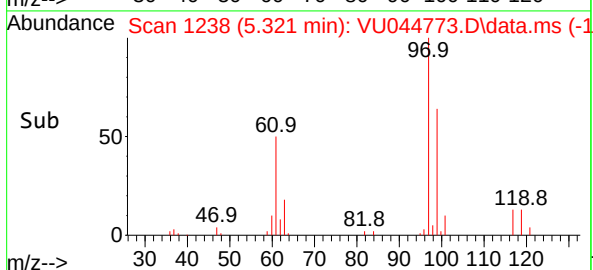
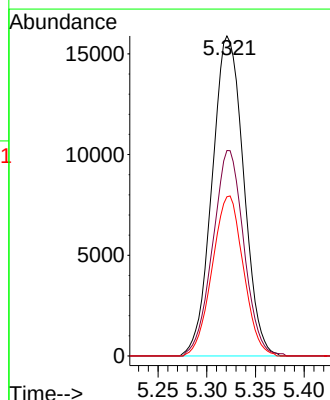
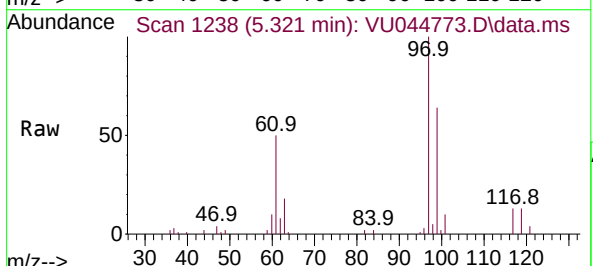
Tgt Ion: 97 Resp: 35697

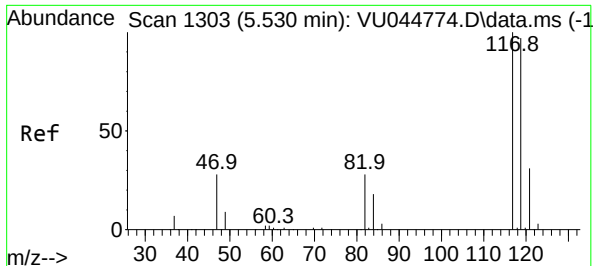
Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

61 49.5 41.3 61.9

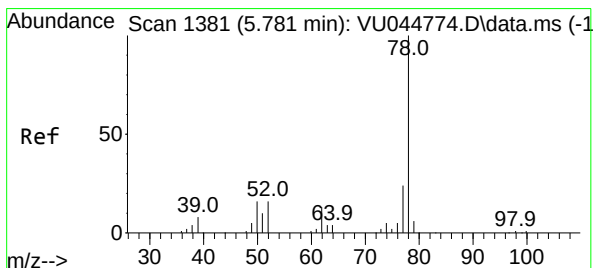
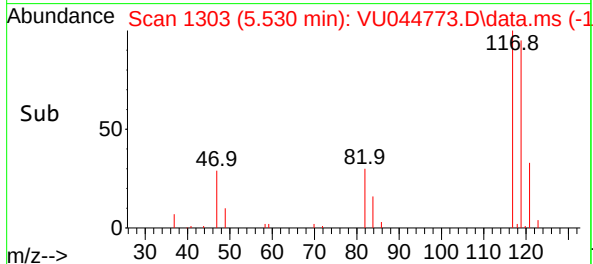
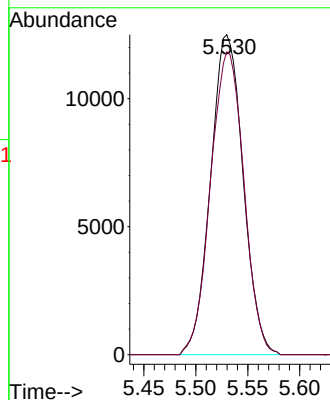
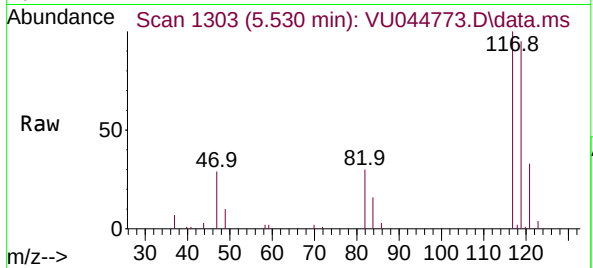




#31
Carbon tetrachloride
Concen: 11.020 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

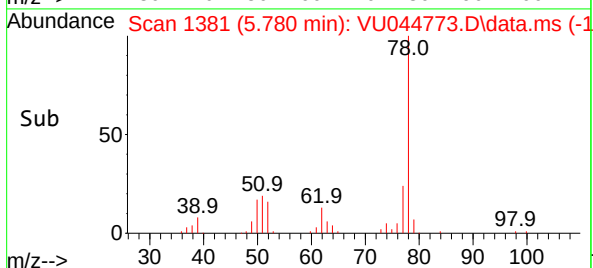
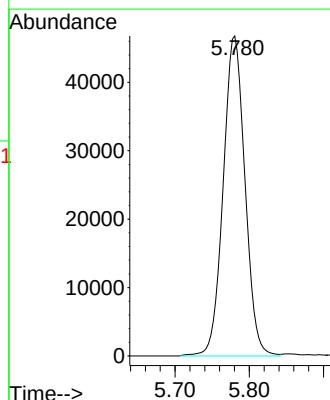
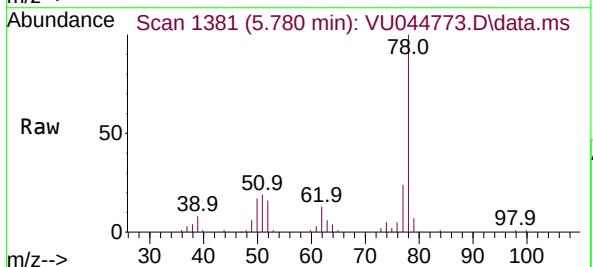
Instrument :
MSVOA_U
ClientSampled :

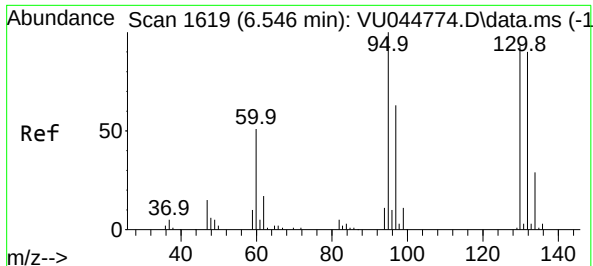
Tgt Ion:117 Resp: 27214
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 11.298 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 78 Resp: 95365





#34

Trichloroethene

Concen: 10.854 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion: 95 Resp: 22230

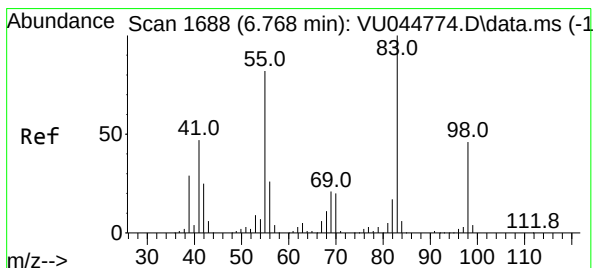
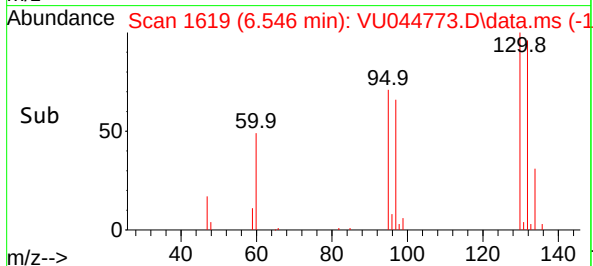
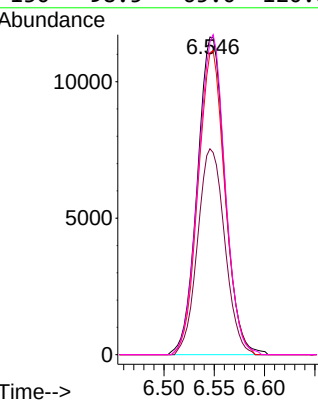
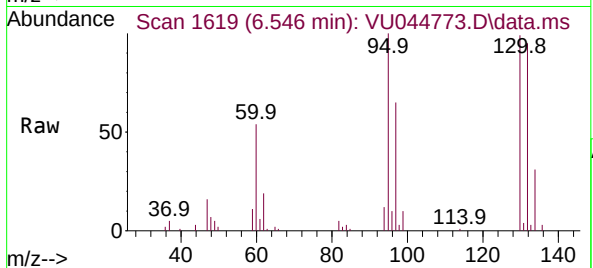
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 98.4 62.9 116.9

130 98.5 65.0 120.8



#35

Methylcyclohexane

Concen: 10.885 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

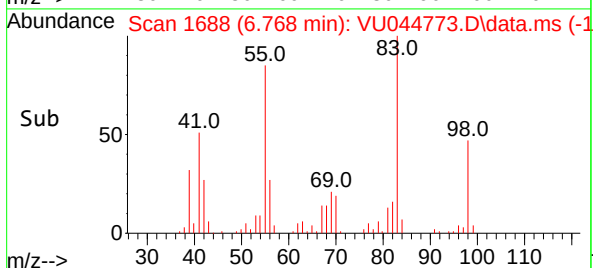
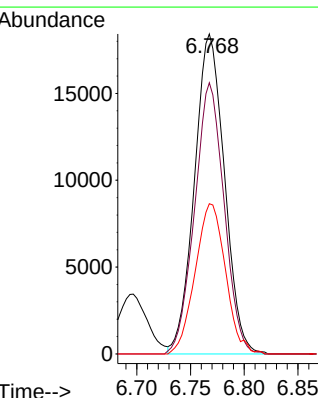
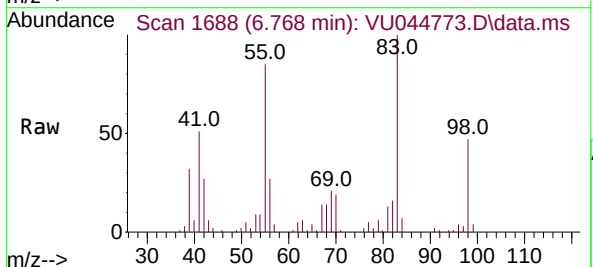
Tgt Ion: 83 Resp: 35781

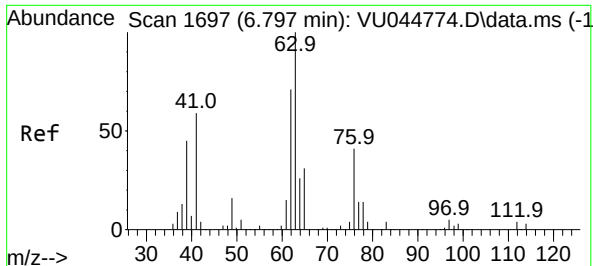
Ion Ratio Lower Upper

83 100

55 83.1 65.8 98.6

98 47.3 37.1 55.7



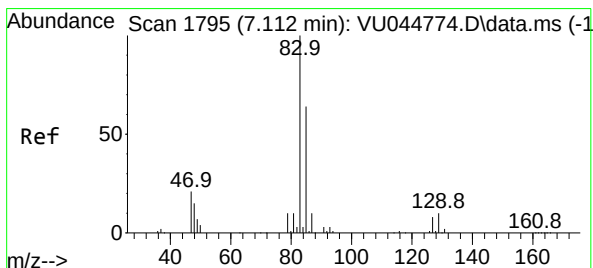
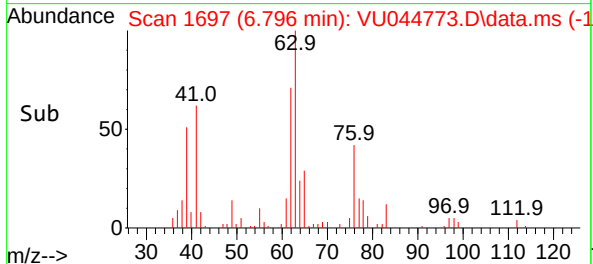
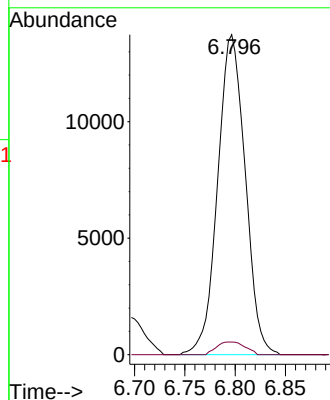
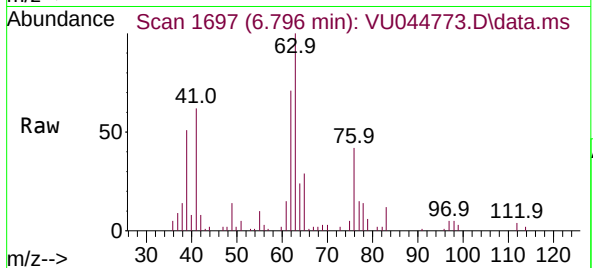


#37

1,2-Dichloropropane
Concen: 11.346 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Instrument :
MSVOA_U
ClientSampleId :

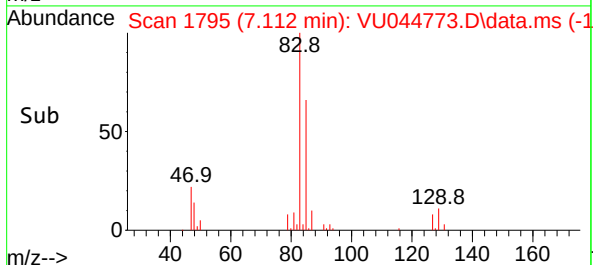
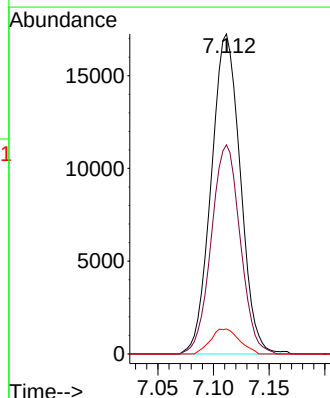
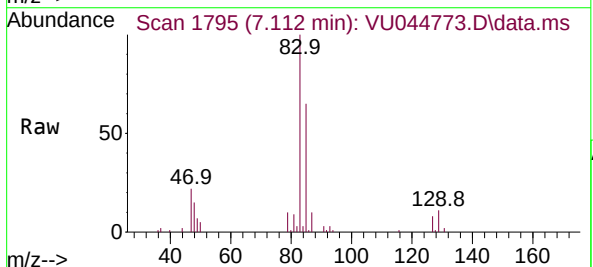
Tgt Ion: 63 Resp: 26166
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

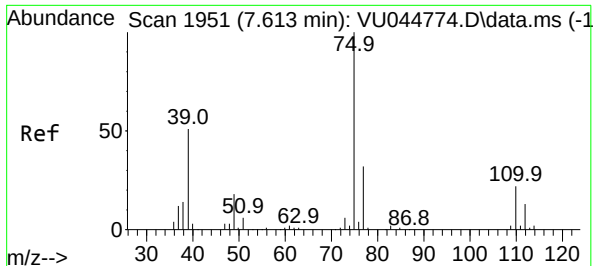


#38

Bromodichloromethane
Concen: 11.403 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 83 Resp: 31353
Ion Ratio Lower Upper
83 100
85 65.3 44.6 82.8
127 8.5 6.2 9.2

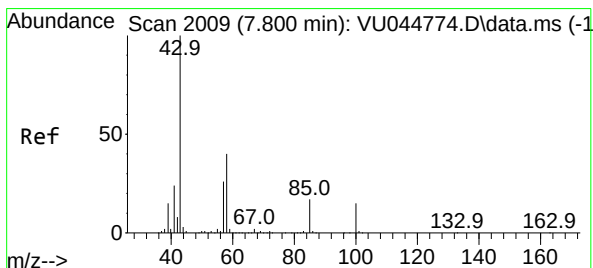
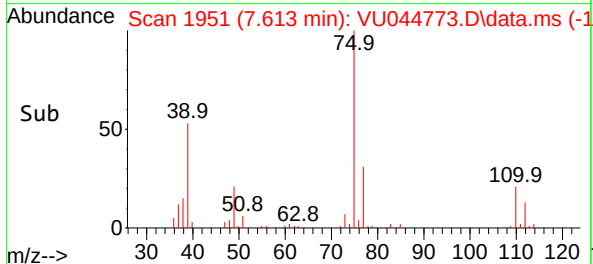
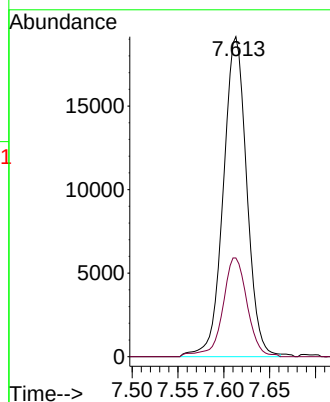
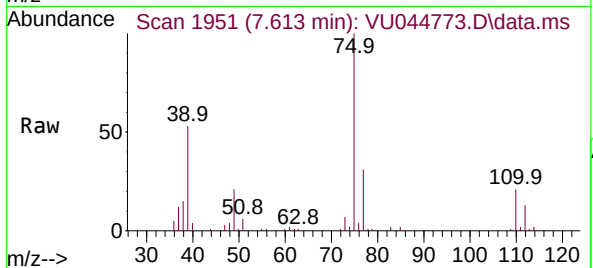




#39
cis-1,3-Dichloropropene
Concen: 10.728 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

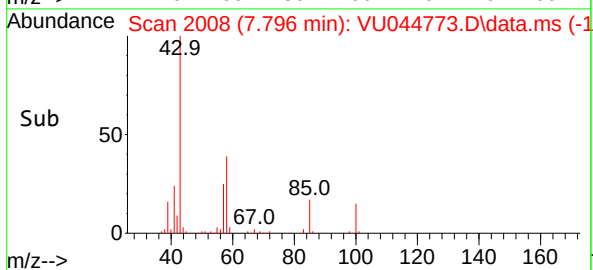
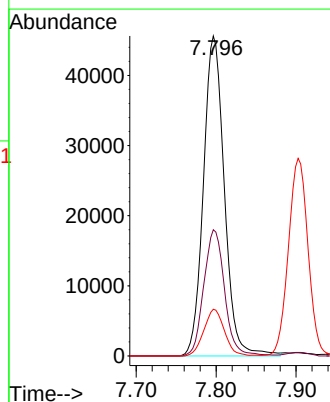
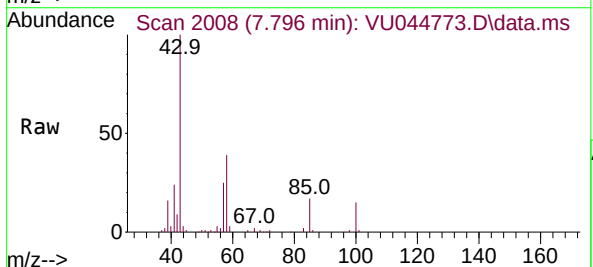
Instrument :
MSVOA_U
ClientSampled :

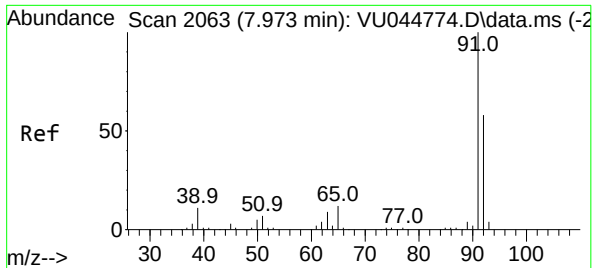
Tgt Ion: 75 Resp: 34072
Ion Ratio Lower Upper
75 100
77 30.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 23.449 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 43 Resp: 83146
Ion Ratio Lower Upper
43 100
58 39.3 31.8 47.8
100 14.3 11.8 17.6

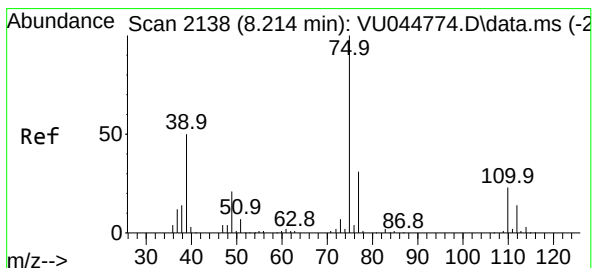
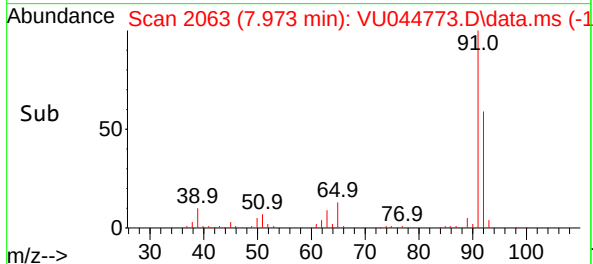
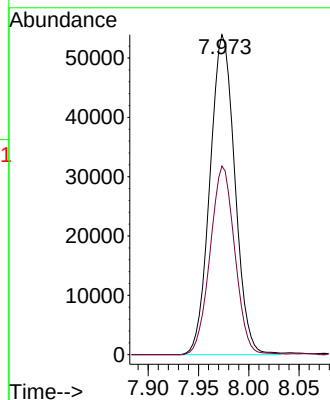
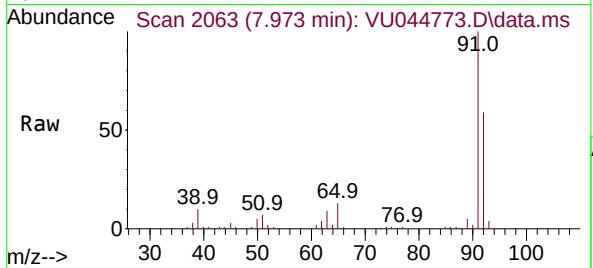




#42
Toluene
Concen: 10.588 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

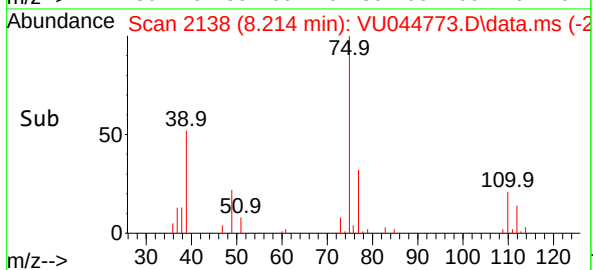
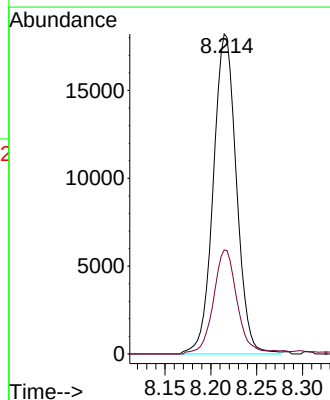
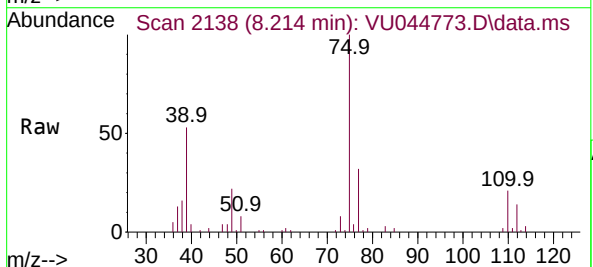
Instrument :
MSVOA_U
ClientSampleId :

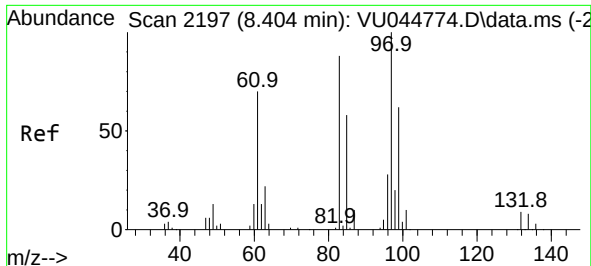
Tgt Ion: 91 Resp: 92961
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 10.679 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 75 Resp: 32000
Ion Ratio Lower Upper
75 100
77 31.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 11.261 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion: 97 Resp: 23807

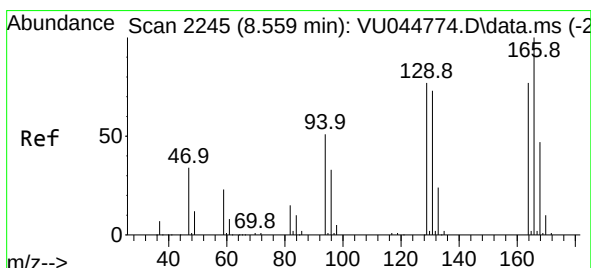
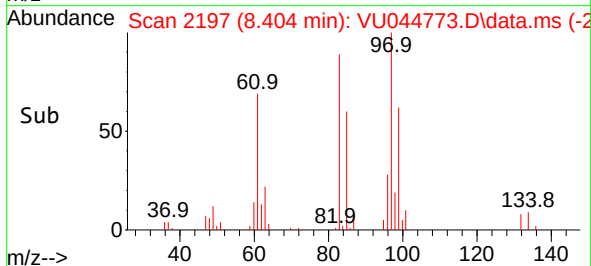
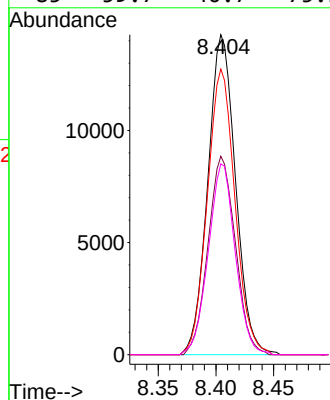
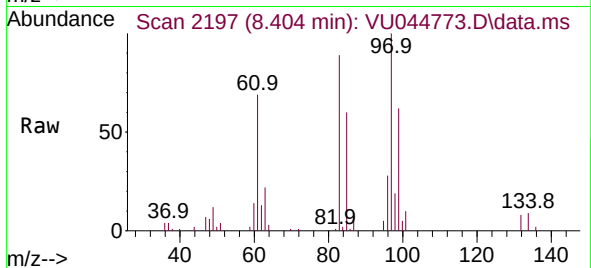
Ion Ratio Lower Upper

97 100

99 62.0 43.7 81.1

83 89.3 61.9 115.1

85 59.7 40.7 75.5



#46

Tetrachloroethene

Concen: 10.358 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion: 164 Resp: 16298

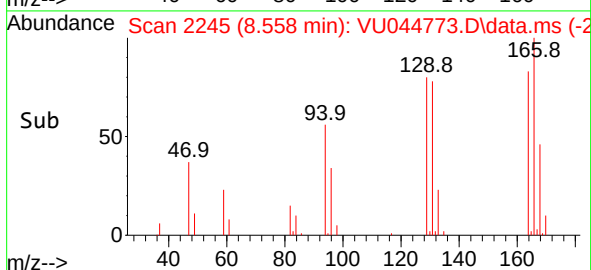
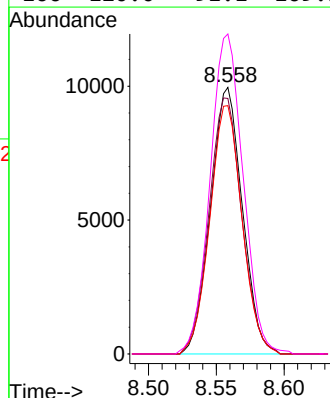
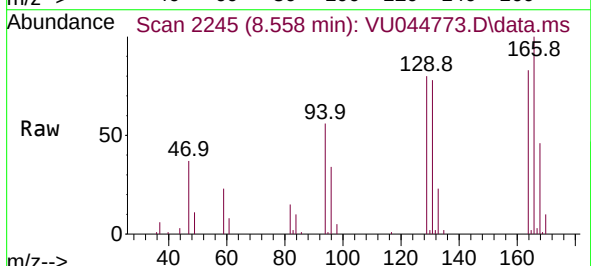
Ion Ratio Lower Upper

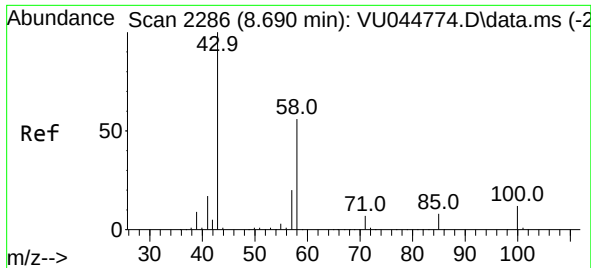
164 100

129 95.8 69.8 129.6

131 93.1 66.4 123.2

166 120.0 91.1 169.3

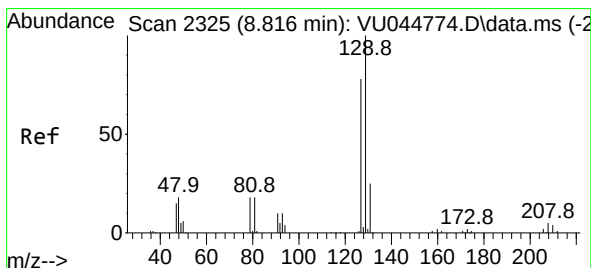
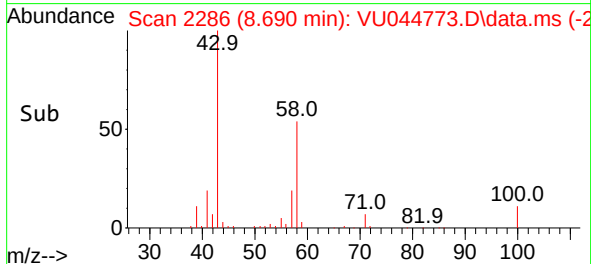
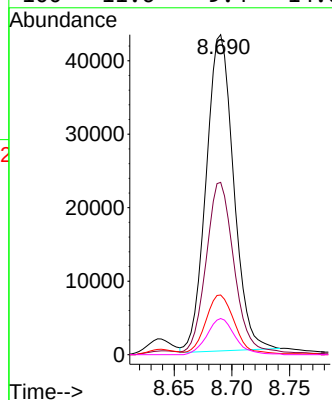
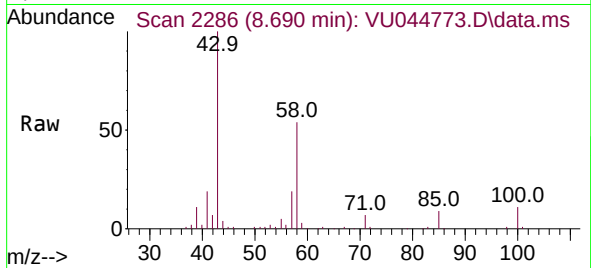




#48
2-Hexanone
Concen: 24.437 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

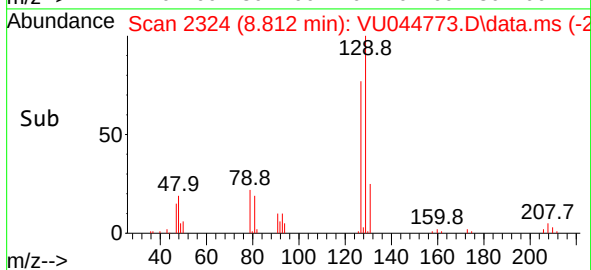
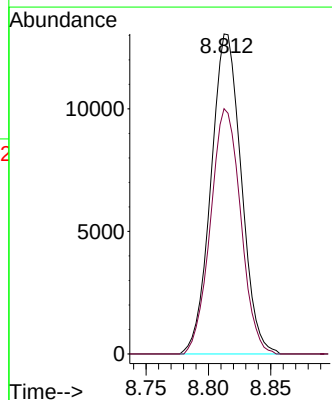
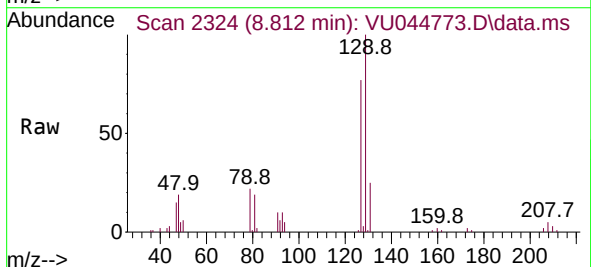
Instrument :
MSVOA_U
ClientSampleId :

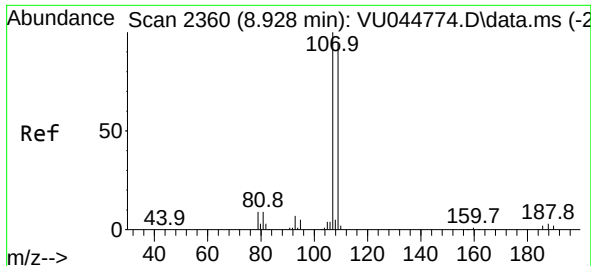
Tgt Ion:	43	Resp:	71299
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.9	67.3
57	19.5	15.5	23.3
100	11.6	9.4	14.0



#49
Dibromochloromethane
Concen: 10.286 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

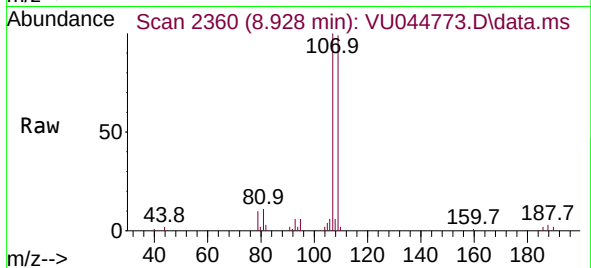
Tgt Ion:	129	Resp:	22101
Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.3	100.8



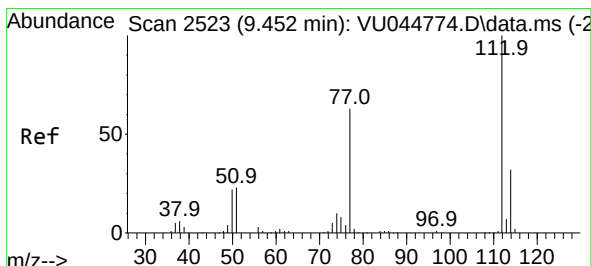
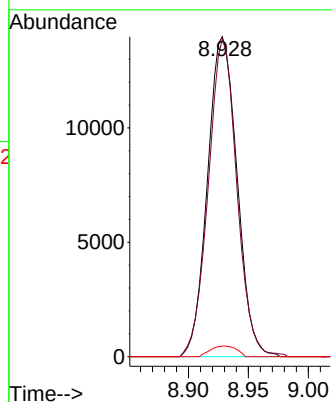
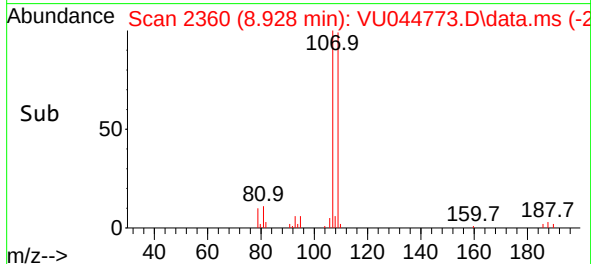


#50
1,2-Dibromoethane
Concen: 10.926 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

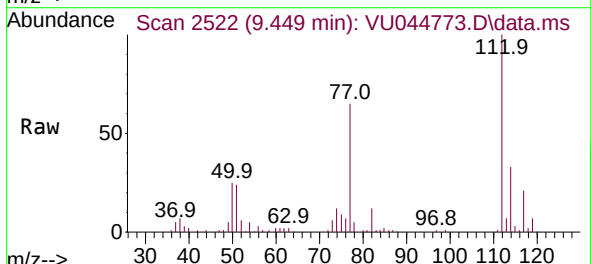
Instrument :
MSVOA_U
ClientSampled :



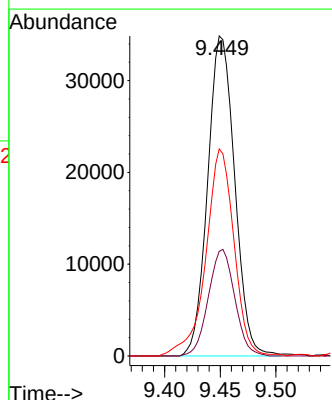
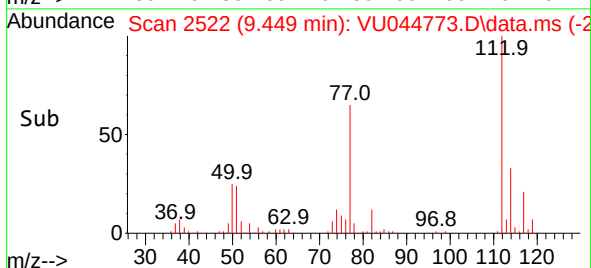
Tgt Ion:107 Resp: 24017
Ion Ratio Lower Upper
107 100
109 99.2 65.5 121.6
188 3.3 2.6 3.8

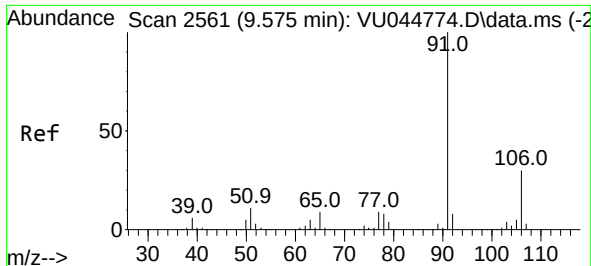


#51
Chlorobenzene
Concen: 10.874 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54



Tgt Ion:112 Resp: 58888
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.9
77 64.7 50.6 75.8

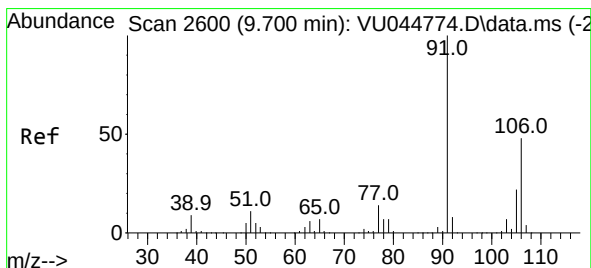
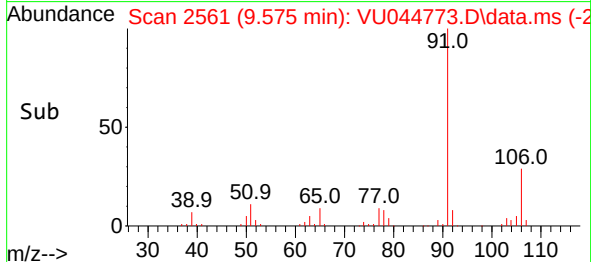
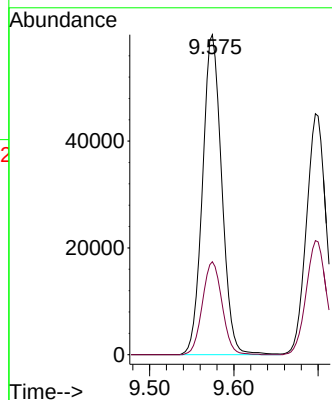
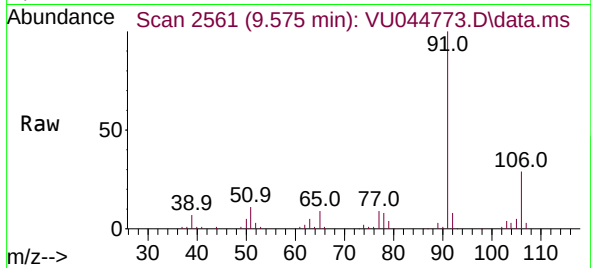




#52
Ethylbenzene
Concen: 10.493 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

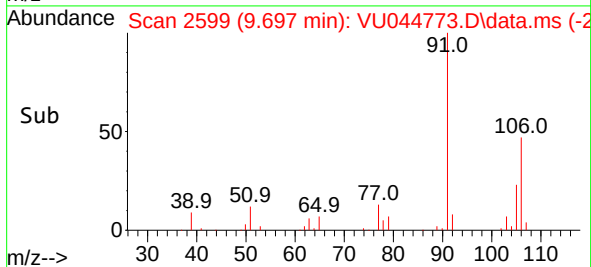
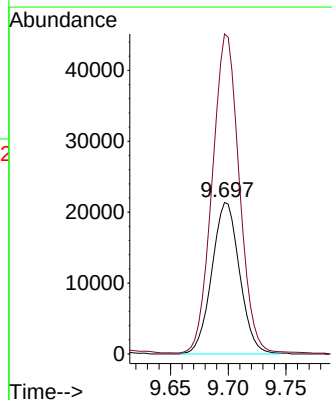
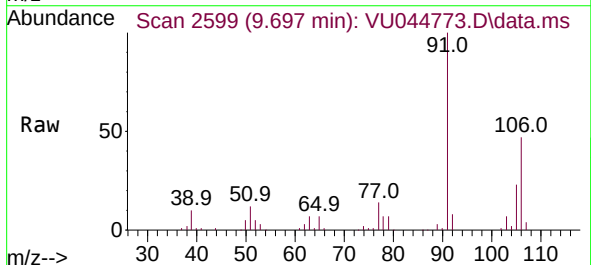
Instrument :
MSVOA_U
ClientSampled :

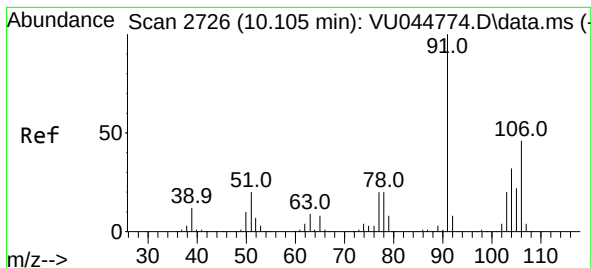
Tgt Ion: 91 Resp: 95242
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 10.414 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:106 Resp: 35729
Ion Ratio Lower Upper
106 100
91 211.1 146.7 272.4





#54

o-xylene

Concen: 9.942 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044773.D

Acq: 23 Sep 2021 09:54

Tgt Ion:106 Resp: 33852

Ion Ratio Lower Upper

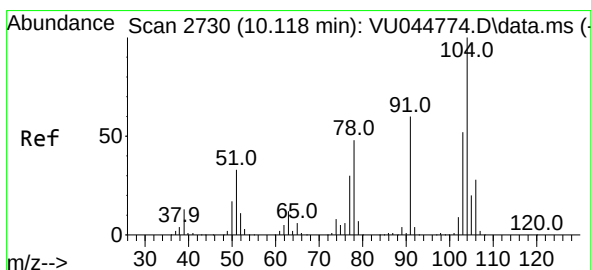
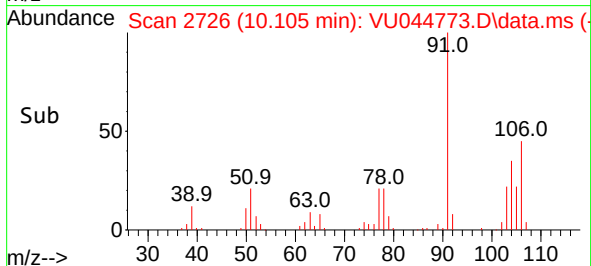
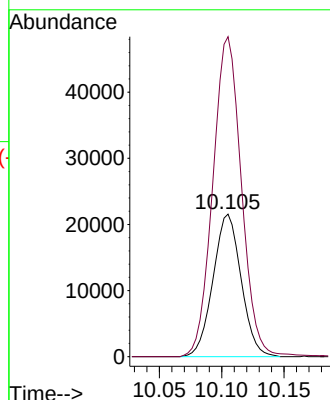
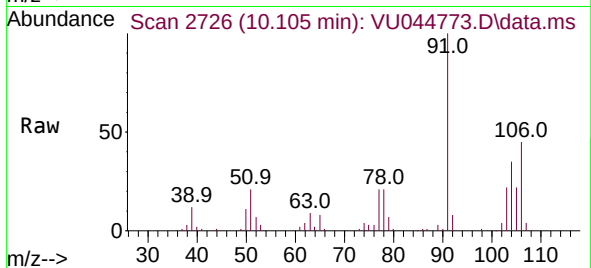
106 100

91 224.4 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 10.080 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044773.D

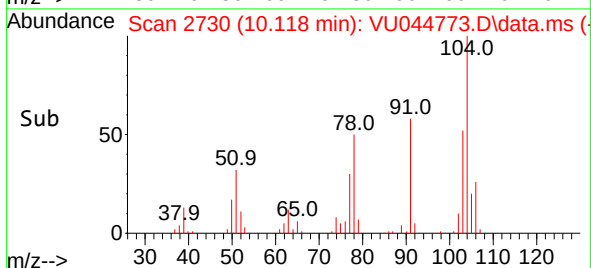
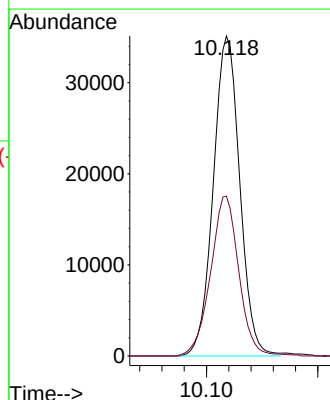
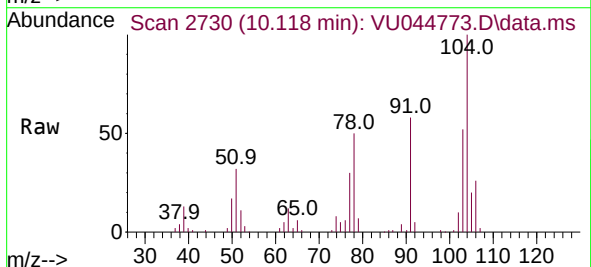
Acq: 23 Sep 2021 09:54

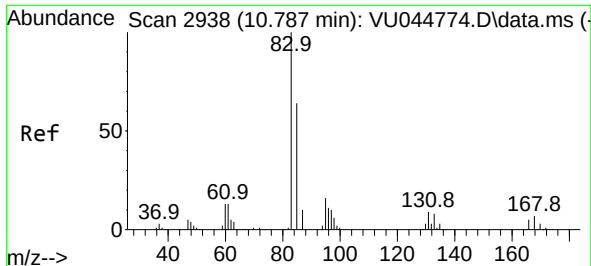
Tgt Ion:104 Resp: 58011

Ion Ratio Lower Upper

104 100

78 50.0 33.3 61.9

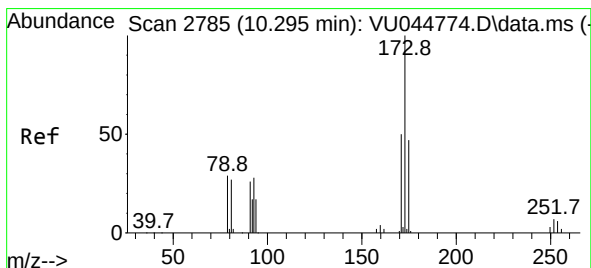
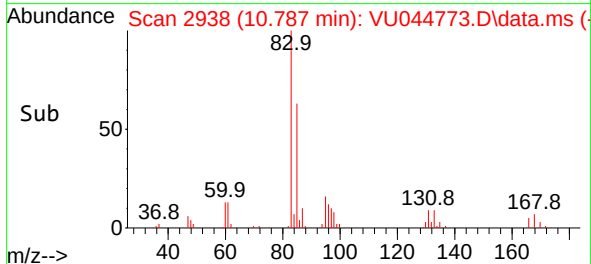
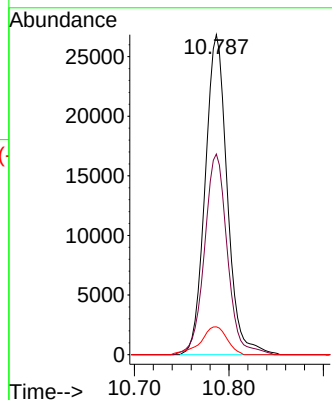
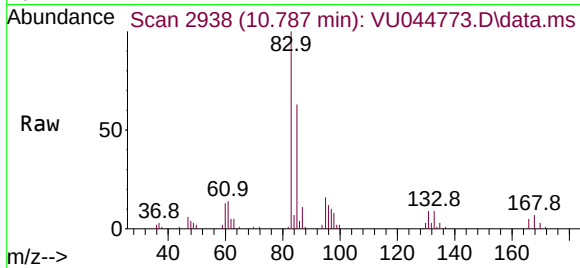




#57
1,1,2,2-Tetrachloroethane
Concen: 11.239 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

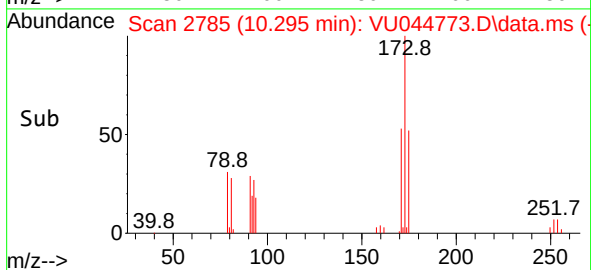
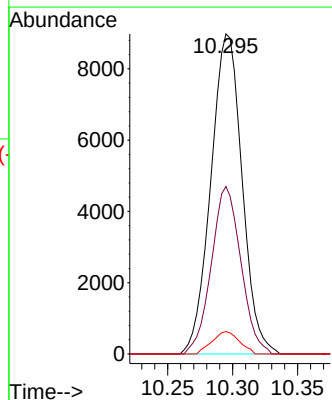
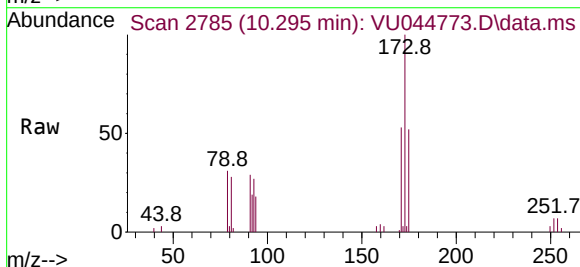
Instrument :
MSVOA_U
ClientSampleId :

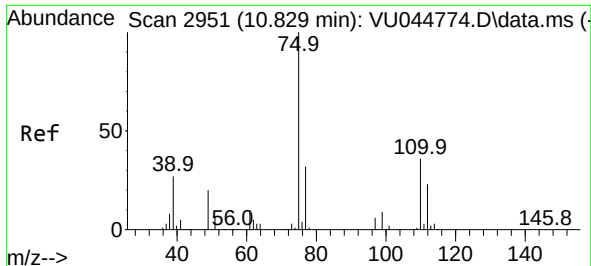
Tgt Ion:	83	Resp:	43544
Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.1	83.7
131	8.7	6.9	10.3



#59
Bromoform
Concen: 9.472 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:	173	Resp:	15007
Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.4	57.6
254	6.1	5.3	7.9

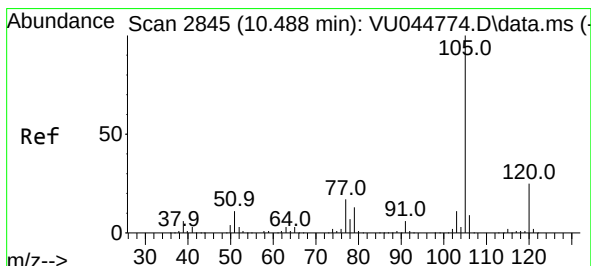
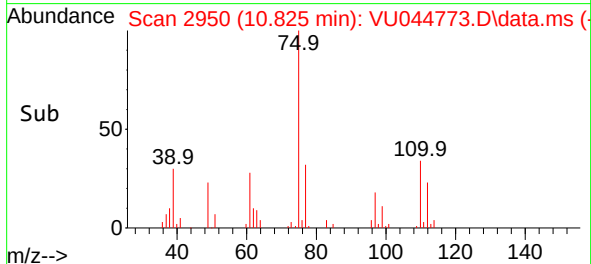
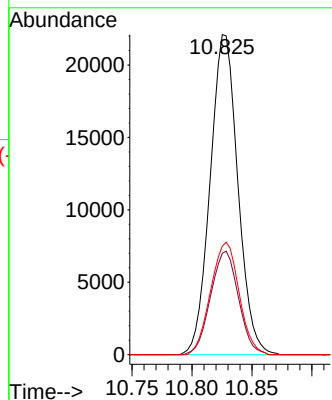
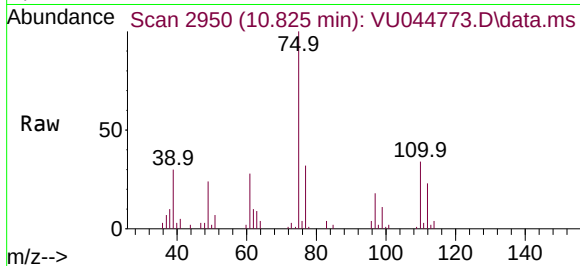




#60
1,2,3-Trichloropropane
Concen: 12.025 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

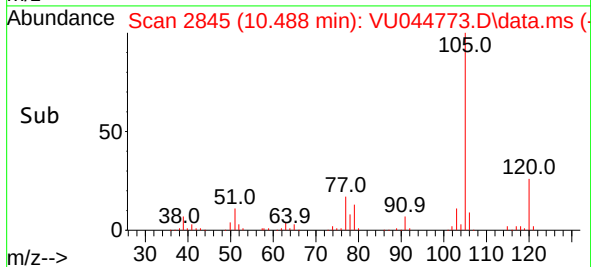
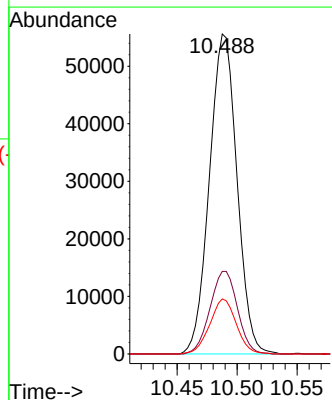
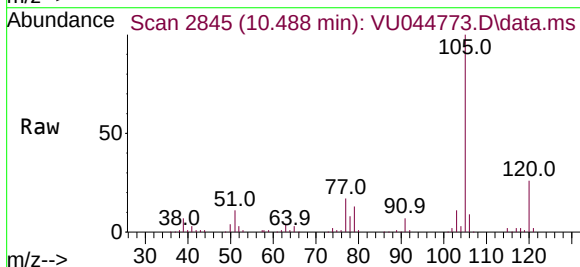
Instrument :
MSVOA_U
ClientSampleId :

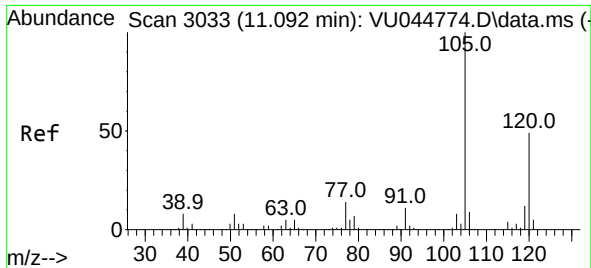
Tgt Ion:	75	Resp:	35487
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3
110	36.0	29.0	43.4



#61
Isopropylbenzene
Concen: 10.847 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:	105	Resp:	88794
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7
77	16.5	13.5	20.3

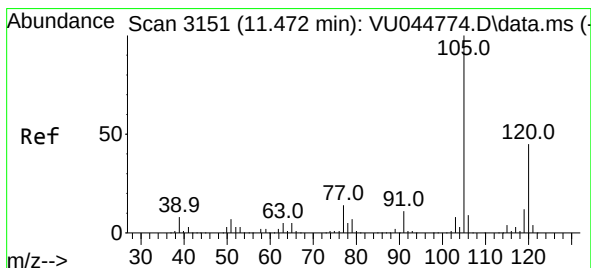
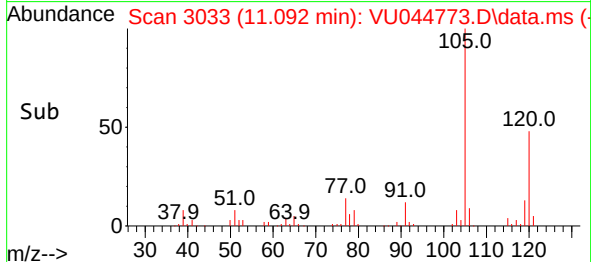
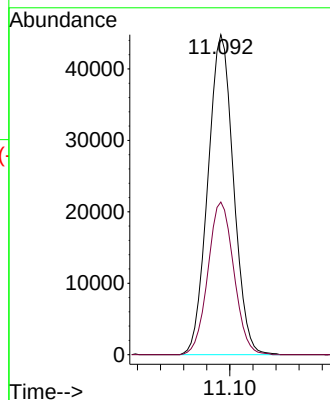
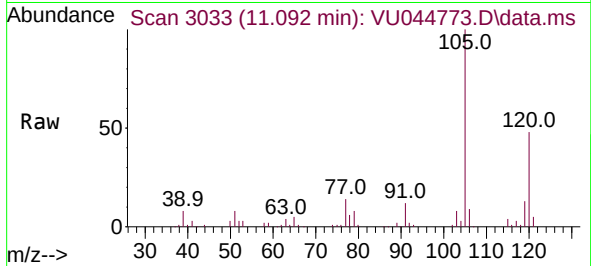




#62
1,3,5-Trimethylbenzene
Concen: 10.146 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

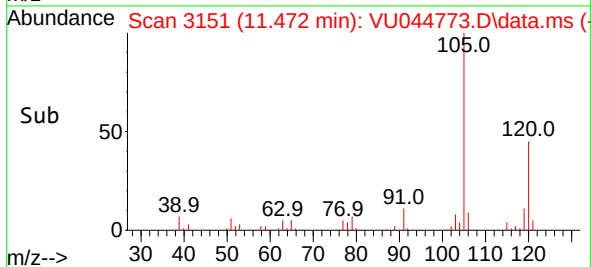
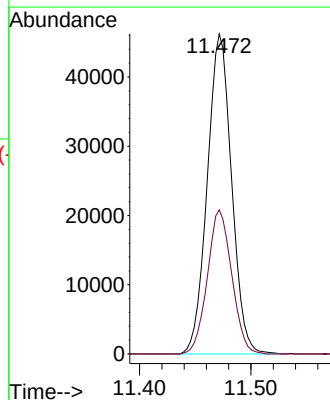
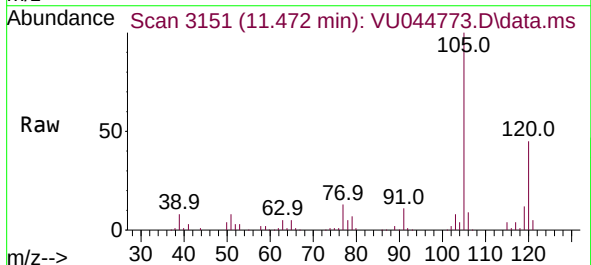
Instrument :
MSVOA_U
ClientSampleId :

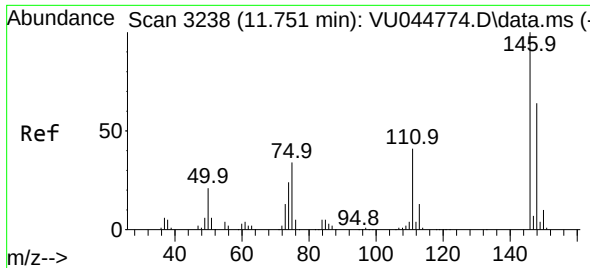
Tgt Ion:105 Resp: 69054
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 10.223 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:105 Resp: 70115
Ion Ratio Lower Upper
105 100
120 45.1 35.7 53.5

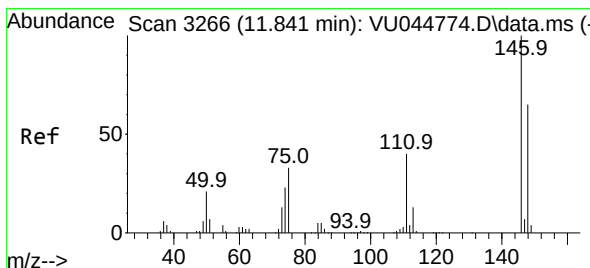
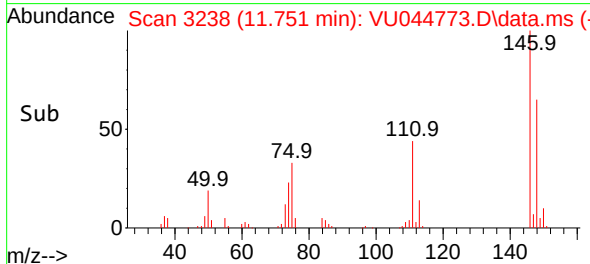
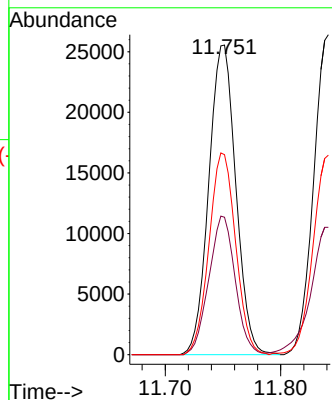
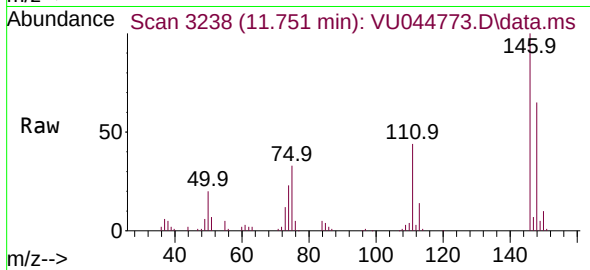




#64
1,3-Dichlorobenzene
Concen: 10.622 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

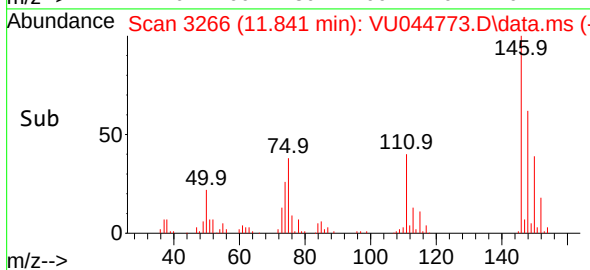
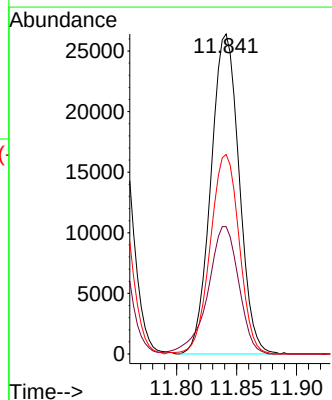
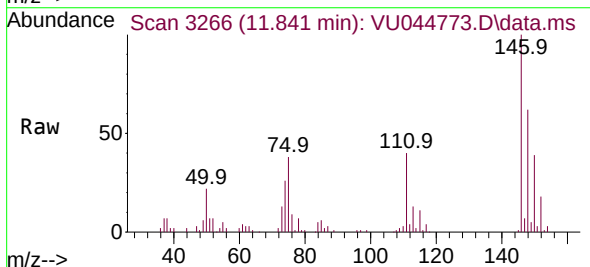
Instrument :
MSVOA_U
ClientSampleId :

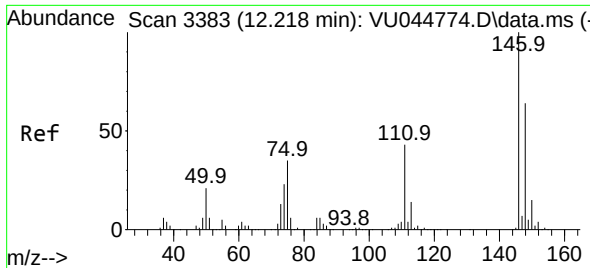
Tgt Ion:146 Resp: 41586
Ion Ratio Lower Upper
146 100
111 44.4 29.0 53.8
148 64.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 10.815 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:146 Resp: 43217
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 62.4 45.5 84.5

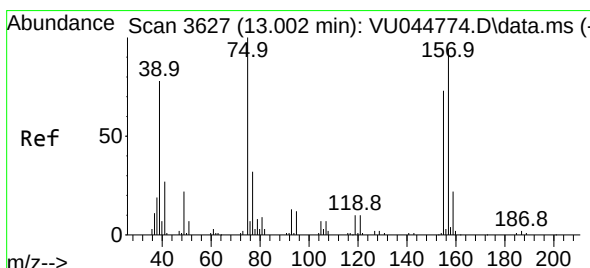
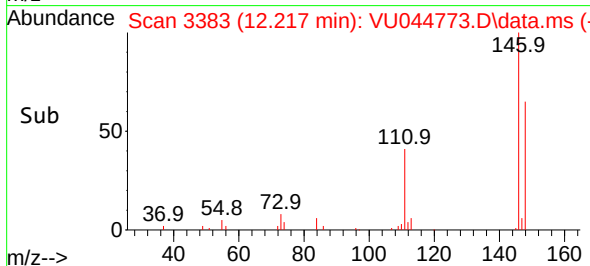
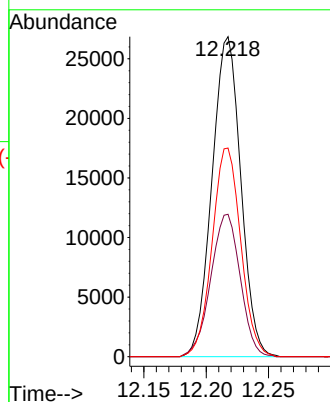
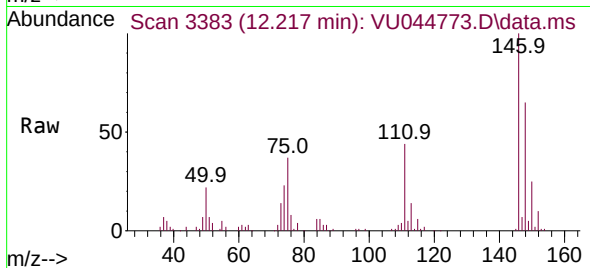




#67
1,2-Dichlorobenzene
Concen: 10.611 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

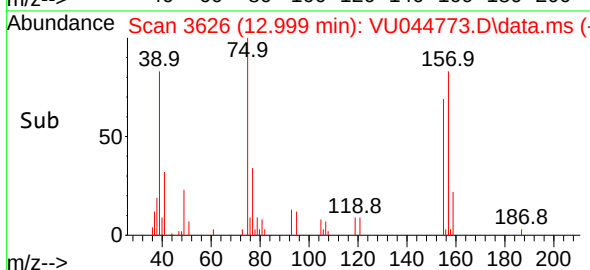
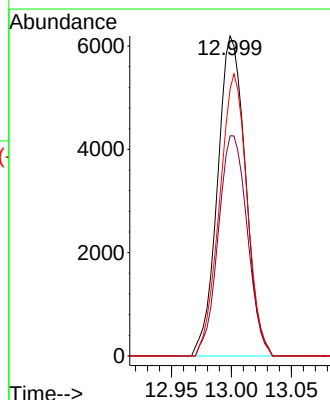
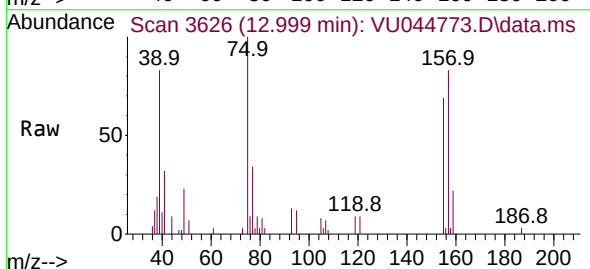
Instrument :
MSVOA_U
ClientSampleId :

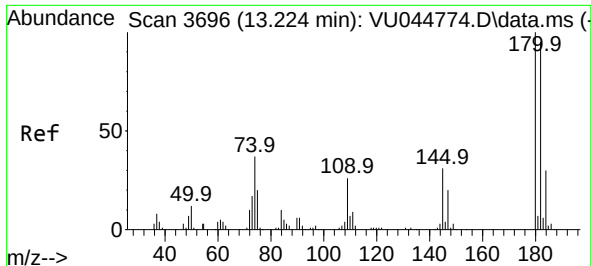
Tgt Ion:146 Resp: 43248
Ion Ratio Lower Upper
146 100
111 44.5 34.7 52.1
148 65.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 12.173 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion: 75 Resp: 10013
Ion Ratio Lower Upper
75 100
155 72.3 58.5 87.7
157 86.4 77.7 116.5

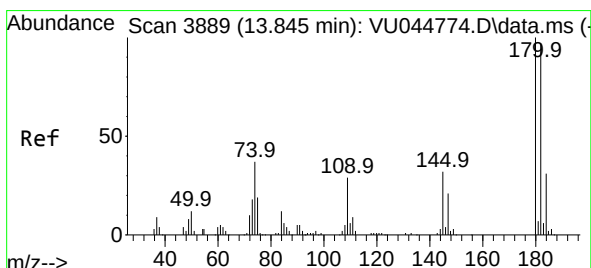
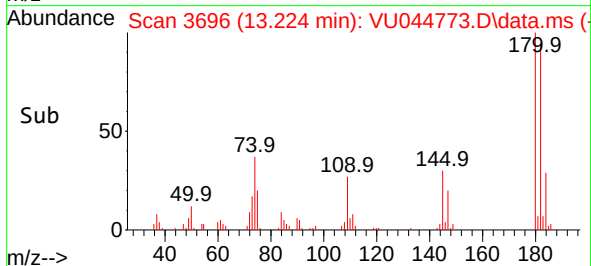
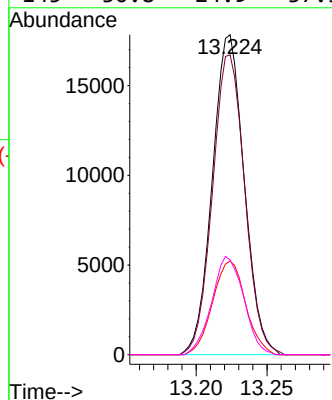
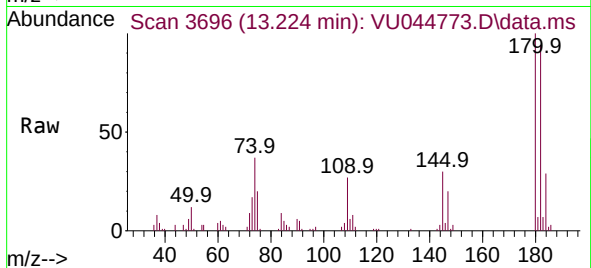




#69
1,3,5-Trichlorobenzene
Concen: 9.701 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

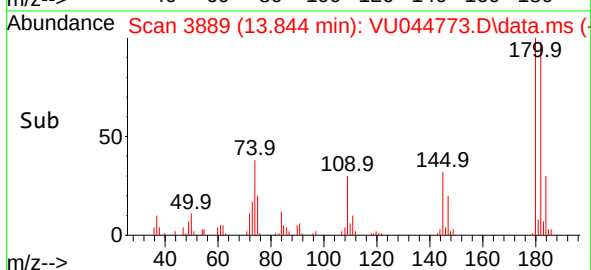
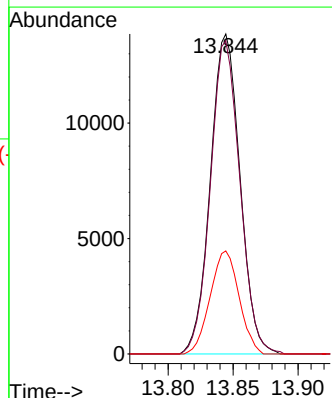
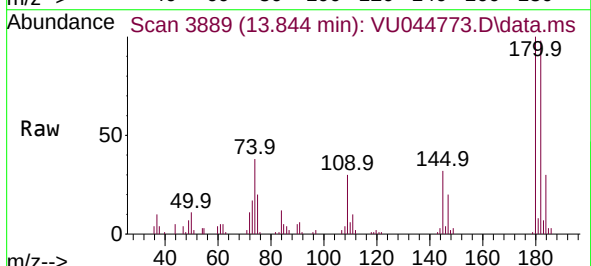
Instrument :
MSVOA_U
ClientSampleId :

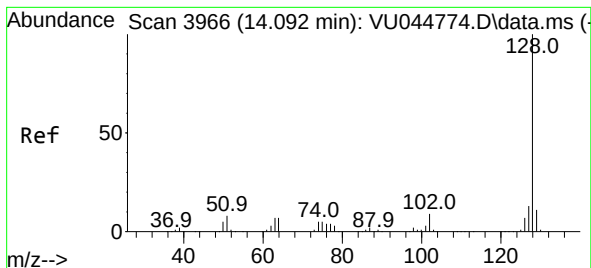
Tgt Ion:	180	Resp:	27853
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.8	115.2
184	30.3	24.4	36.6
145	30.8	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 8.981 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:	180	Resp:	21998
Ion Ratio	Lower	Upper	
180	100		
182	97.1	76.2	114.2
145	31.3	25.4	38.0

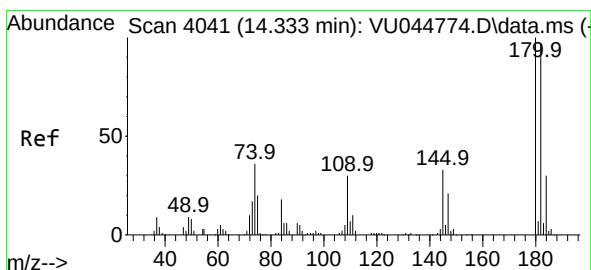
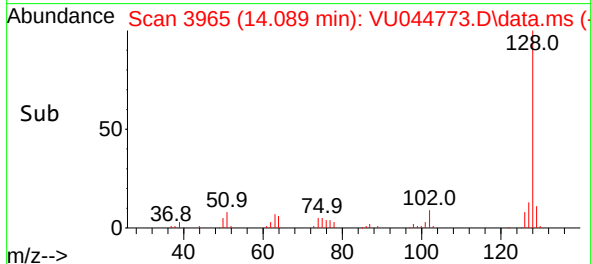
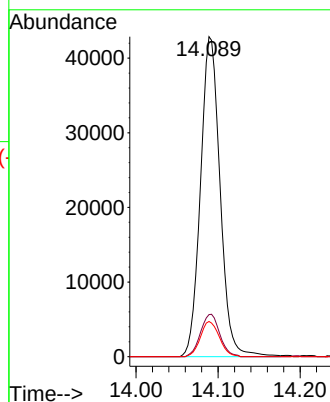
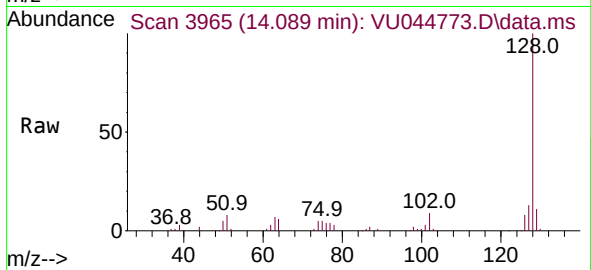




#71
Naphthalene
Concen: 8.604 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 71075
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 9.234 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044773.D
Acq: 23 Sep 2021 09:54

Tgt Ion:180 Resp: 23684
Ion Ratio Lower Upper
180 100
182 93.0 76.8 115.2
145 33.0 26.5 39.7

