

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049107.D
 Acq On : 14 Jun 2022 11:55
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	132224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133975	17.484	ug/L	0.00
7) Chloroethane-d5	1.912	69	90323	12.250	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	51643	14.109	ug/L	0.00
20) 2-Butanone-d5	4.633	46	410896	127.968	ug/L	0.00
24) Chloroform-d	5.063	84	209696	10.104	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	116649	10.238	ug/L	0.00
32) Benzene-d6	5.729	84	415918	11.478	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	141775	11.405	ug/L	0.00
41) Toluene-d8	7.899	98	379039	12.257	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	64337	14.393	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	281231	125.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120268	11.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	135273	10.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	135828	8.832	ug/L	99
3) Chloromethane	1.520	50	141577	10.025	ug/L	99
5) Vinyl chloride	1.604	62	132970	10.269	ug/L	99
6) Bromomethane	1.858	94	70773	9.551	ug/L	99
8) Chloroethane	1.935	64	72359	10.286	ug/L	97
9) Trichlorofluoromethane	2.137	101	157497	9.441	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	92140	10.260	ug/L	100
12) 1,1-Dichloroethene	2.578	96	87901	9.893	ug/L	90
13) Acetone	2.649	43	177862	108.792	ug/L	92
14) Carbon disulfide	2.793	76	288001	9.478	ug/L	99
15) Methyl Acetate	2.957	43	46922	10.688	ug/L	98
16) Methylene chloride	3.044	84	100594	9.131	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	270709	10.961	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	94778	9.765	ug/L	95
19) 1,1-Dichloroethane	3.871	63	190795	10.133	ug/L	97
21) 2-Butanone	4.713	43	380271	128.268	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	106498	9.223	ug/L	97
23) Bromochloromethane	4.977	128	47447	9.577	ug/L	97
25) Chloroform	5.089	83	189071	9.567	ug/L	98
27) 1,2-Dichloroethane	5.793	62	128606	9.776	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	168783	10.064	ug/L	100
30) Cyclohexane	5.388	56	193144	12.638	ug/L	99
31) Carbon tetrachloride	5.526	117	145195	9.867	ug/L	98
33) Benzene	5.774	78	424223	10.585	ug/L	100
34) Trichloroethene	6.542	95	110022	10.648	ug/L	98
35) Methylcyclohexane	6.764	83	187209	11.955	ug/L	99
37) 1,2-Dichloropropane	6.790	63	115399	10.926	ug/L	99
38) Bromodichloromethane	7.105	83	144421	10.363	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	179825	12.151	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	920729	132.696	ug/L	100
42) Toluene	7.970	91	446016	10.985	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	154733	11.775	ug/L	96

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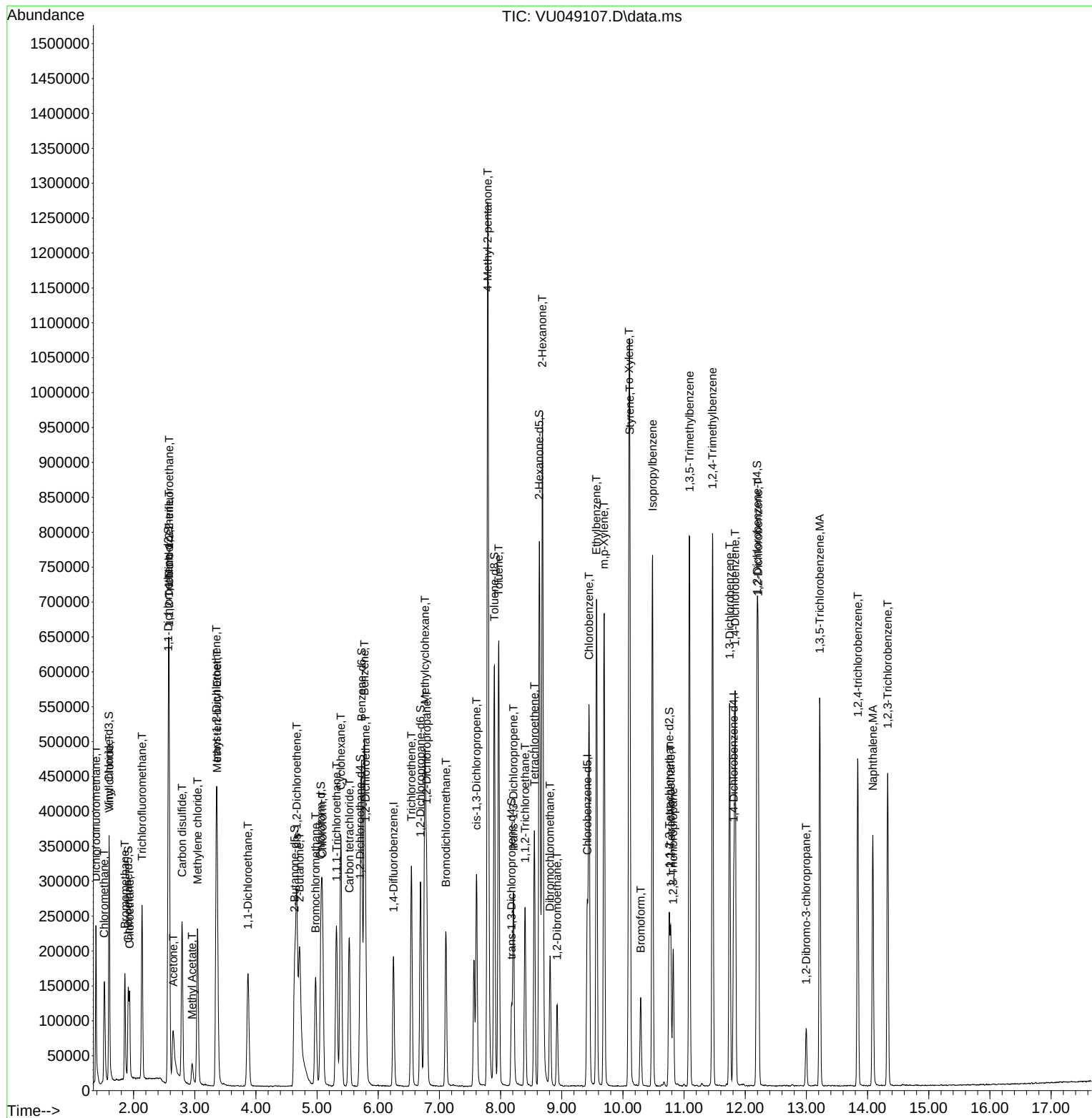
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	80002	10.730	ug/L	97
47) Tetrachloroethene	8.552	164	75530	9.457	ug/L	95
48) 2-Hexanone	8.684	43	669925	131.339	ug/L	98
49) Dibromochloromethane	8.809	129	94034	10.068	ug/L	99
50) 1,2-Dibromoethane	8.925	107	78683	10.750	ug/L	99
51) Chlorobenzene	9.446	112	271854	10.291	ug/L	98
52) Ethylbenzene	9.568	91	490967	11.607	ug/L	99
53) m,p-Xylene	9.693	106	181604	10.763	ug/L	97
54) o-Xylene	10.099	106	180089	10.993	ug/L	96
55) Styrene	10.115	104	303933	11.145	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	110461	11.378	ug/L	100
59) Bromoform	10.291	173	55988	9.975	ug/L	100
60) Isopropylbenzene	10.484	105	482980	11.227	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	80034	10.726	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	425523	11.669	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	429981	11.827	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	209553	10.065	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	205287	10.076	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	199449	9.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	21727	11.799	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	160409	10.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	134715	10.856	ug/L	97
71) Naphthalene	14.086	128	277258	11.073	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	128758	10.949	ug/L	100

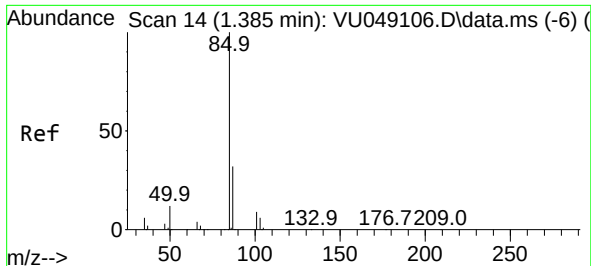
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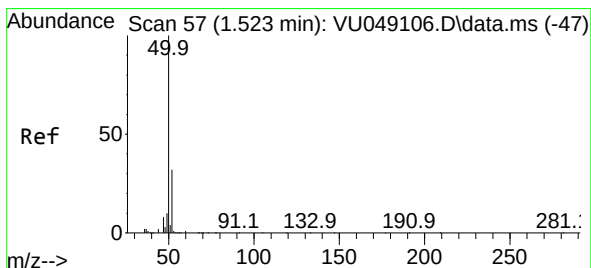
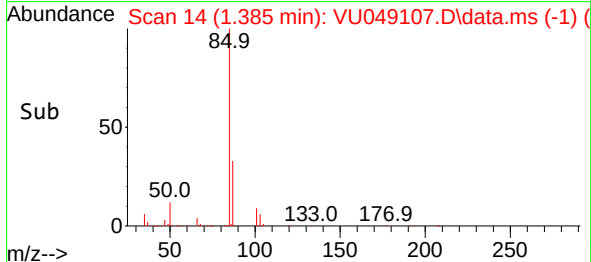
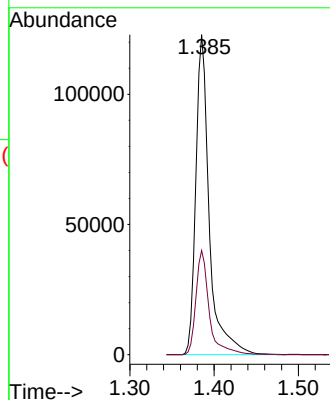
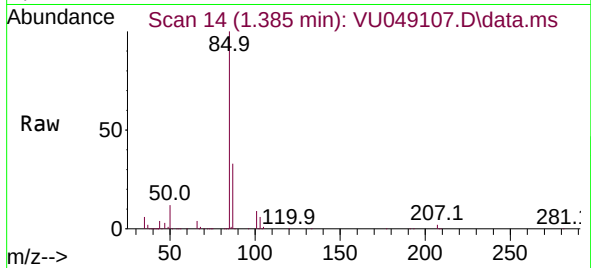




#2
Dichlorodifluoromethane
Concen: 8.832 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

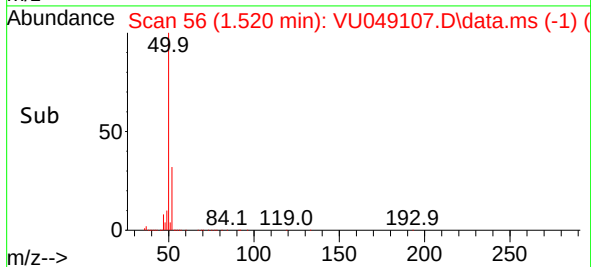
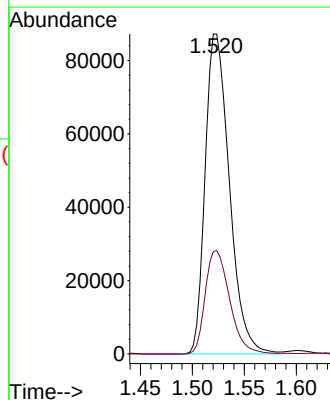
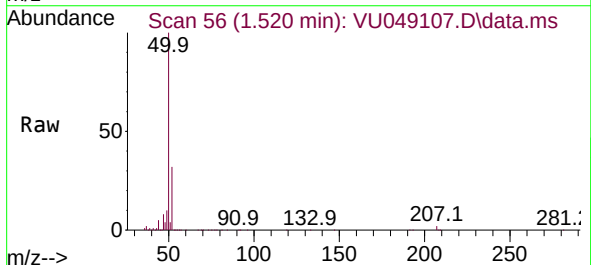
Instrument :
MSVOA_U
ClientSampleId :

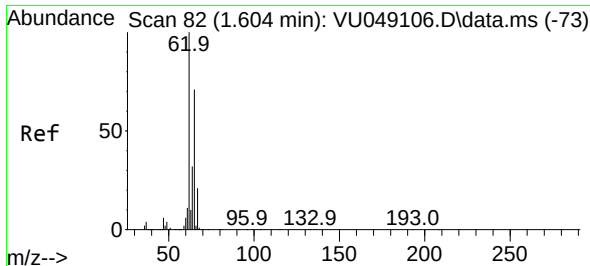
Tgt Ion: 85 Resp: 135828
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 10.025 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 50 Resp: 141577
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1

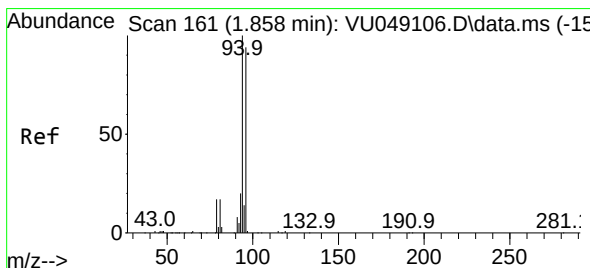
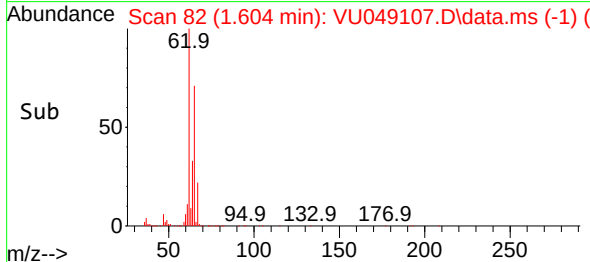
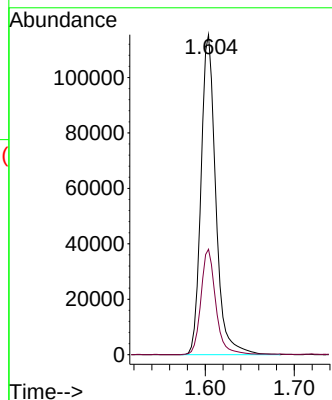
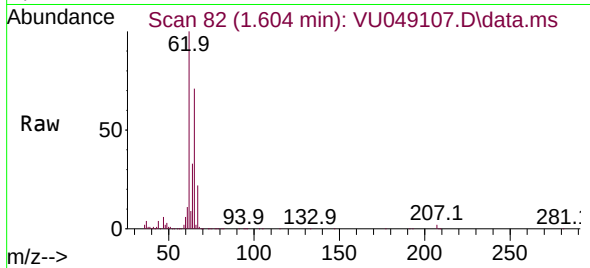




#5
 Vinyl chloride
 Concen: 10.269 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

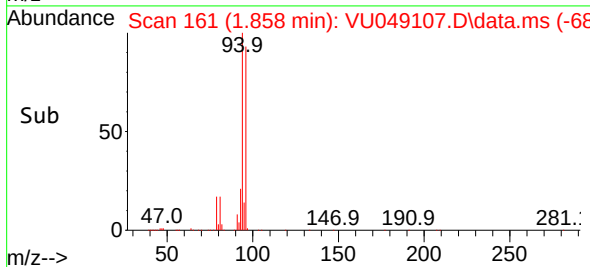
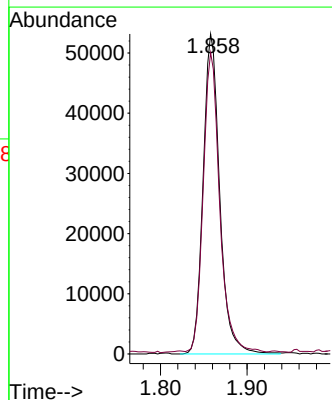
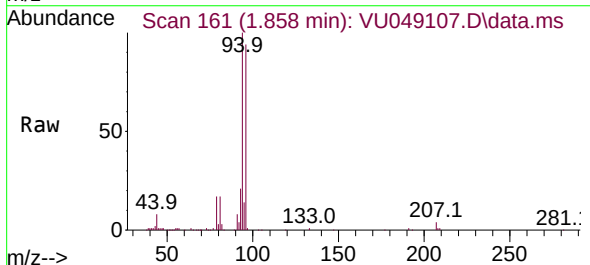
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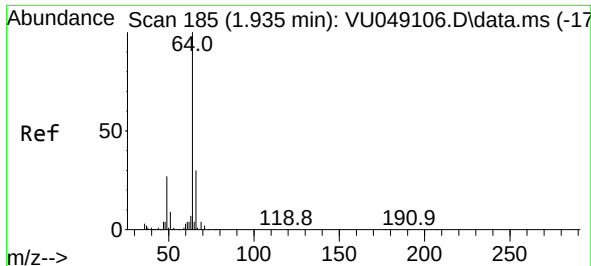
Tgt Ion: 62 Resp: 132970
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 9.551 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

Tgt Ion: 94 Resp: 70773
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.4 123.4

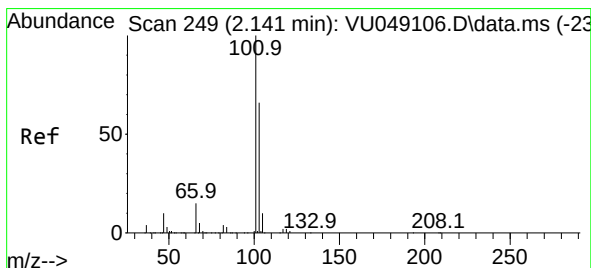
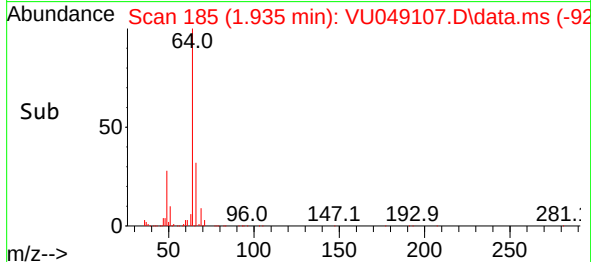
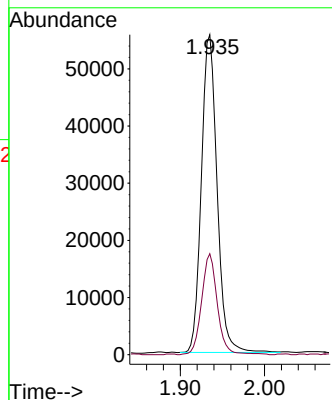
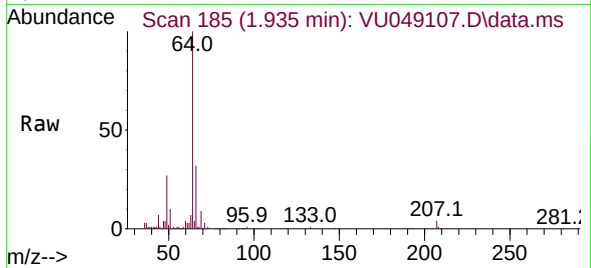




#8
Chloroethane
Concen: 10.286 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

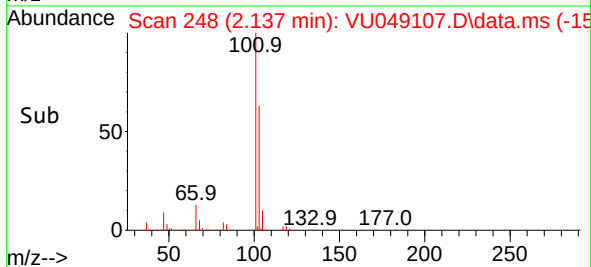
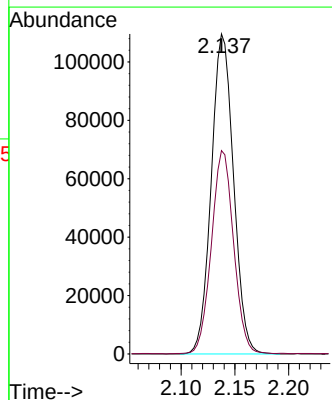
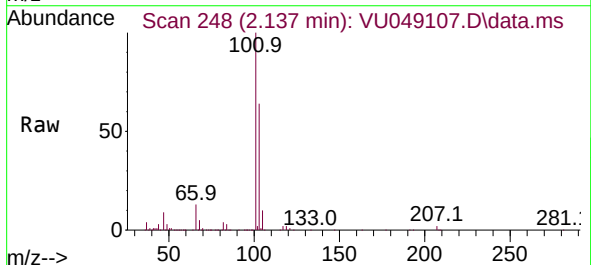
Instrument :
MSVOA_U
ClientSampleId :

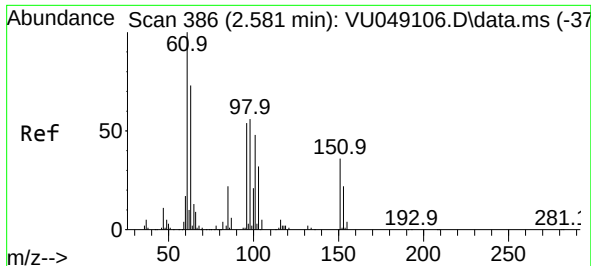
Tgt Ion: 64 Resp: 72359
Ion Ratio Lower Upper
64 100
66 31.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 9.441 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion:101 Resp: 157497
Ion Ratio Lower Upper
101 100
103 63.6 53.5 80.3

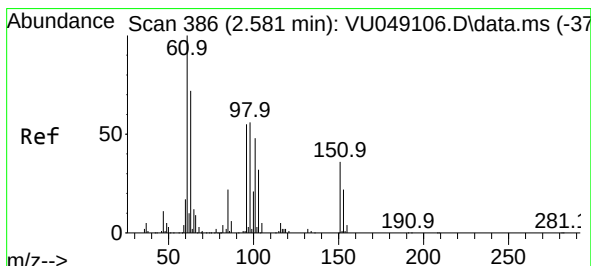
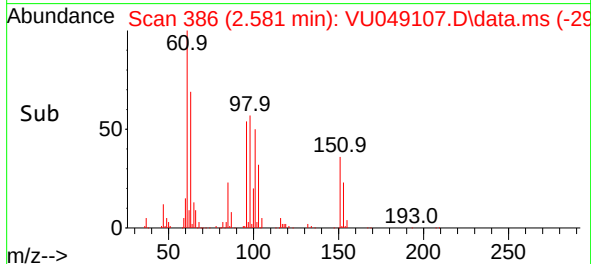
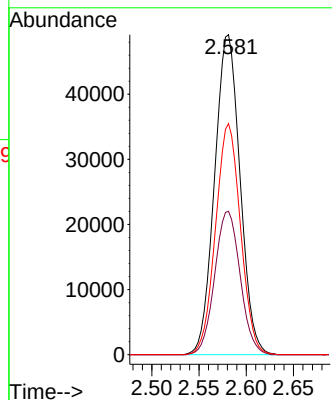
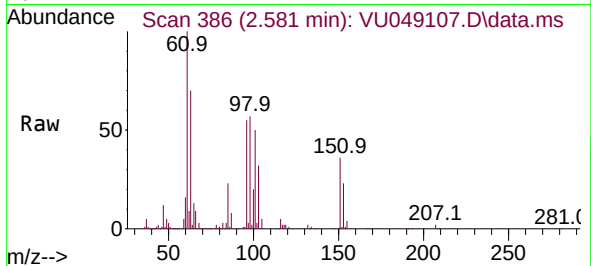




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.260 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

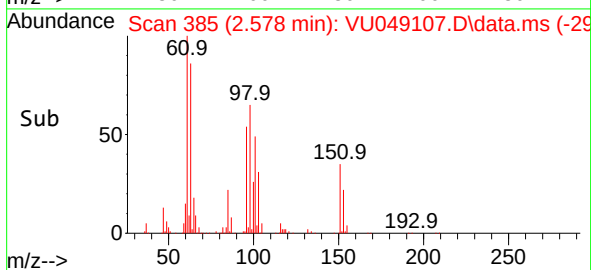
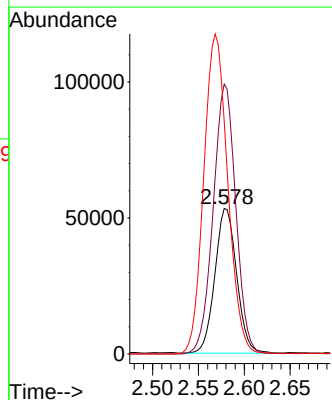
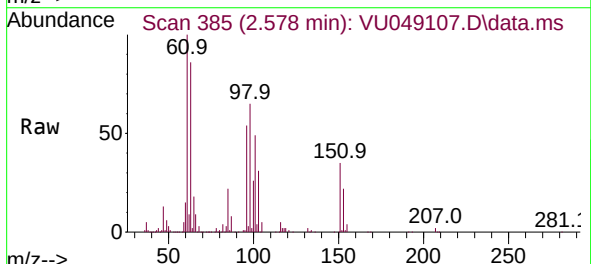
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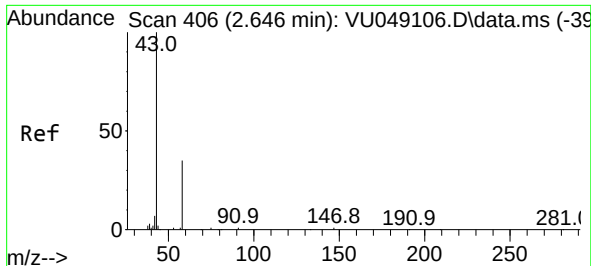
Tgt Ion:	101	Resp:	92140
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.1	54.1
151	70.8	56.8	85.2



#12
 1,1-Dichloroethene
 Concen: 9.893 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

Tgt Ion:	96	Resp:	87901
Ion	Ratio	Lower	Upper
96	100		
61	185.5	127.2	236.2
63	160.1	94.7	175.9

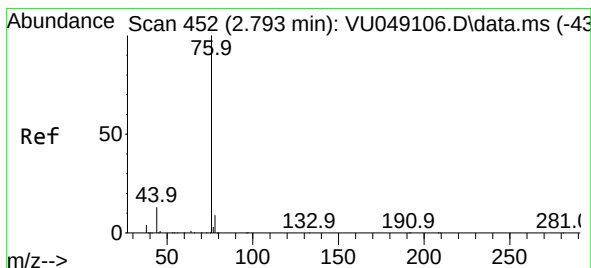
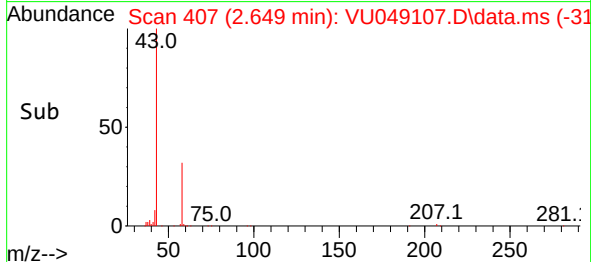
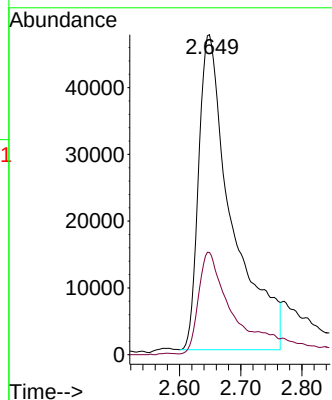
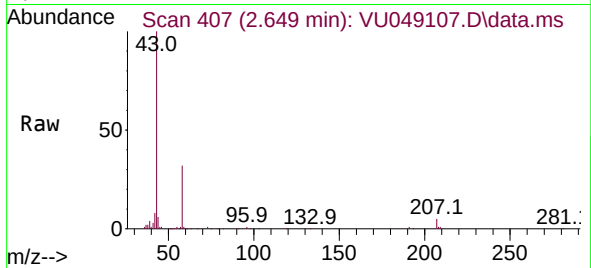




#13
Acetone
Concen: 108.792 ug/L
RT: 2.649 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU049107.D
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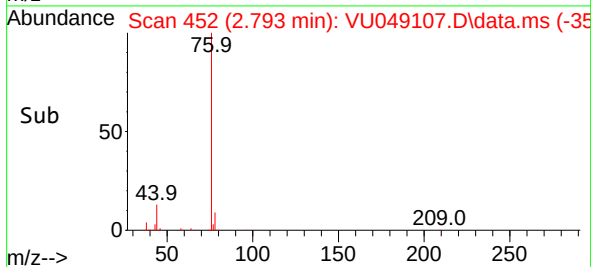
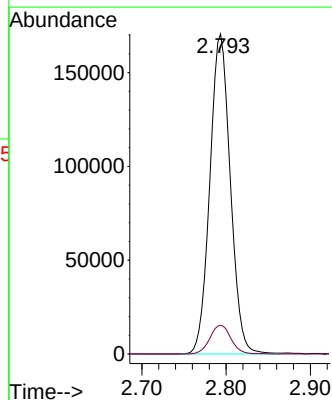
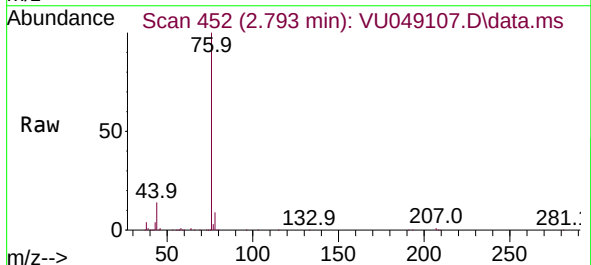
Instrument :
MSVOA_U
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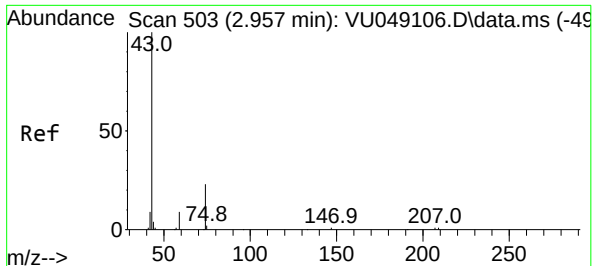
Tgt Ion: 43 Resp: 177862
Ion Ratio Lower Upper
43 100
58 28.6 0.0 65.8



#14
Carbon disulfide
Concen: 9.478 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 76 Resp: 288001
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

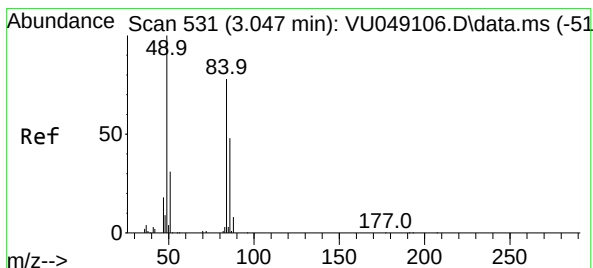
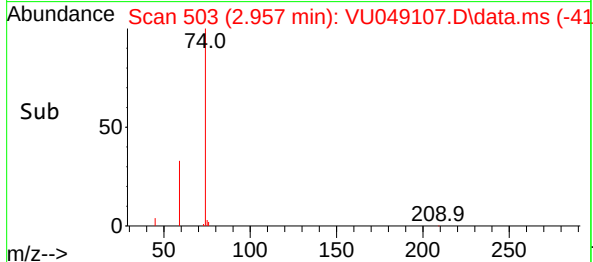
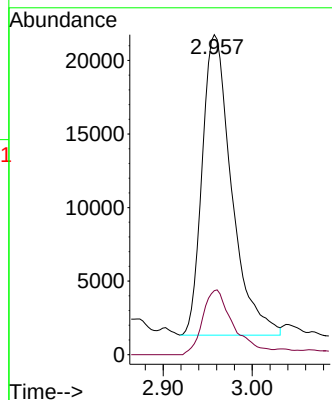
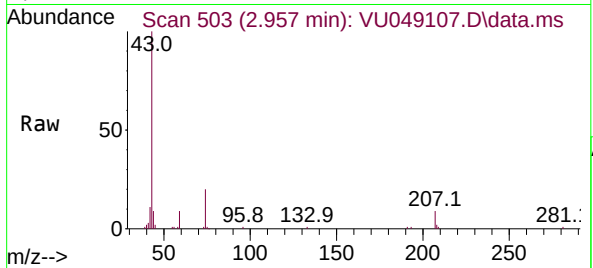




#15
Methyl Acetate
Concen: 10.688 ug/L
RT: 2.957 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

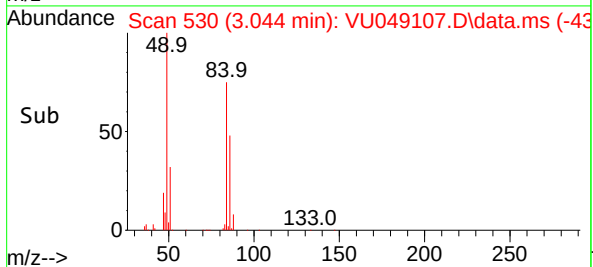
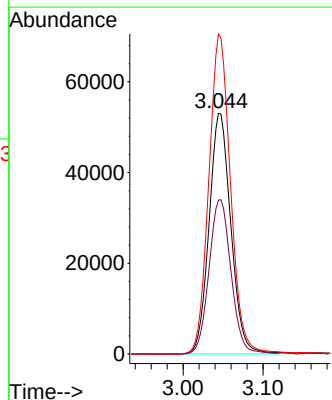
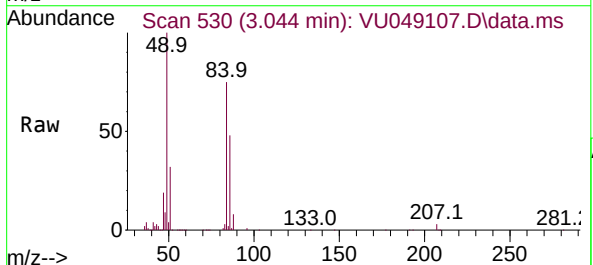
Instrument :
MSVOA_U
ClientSampleId :

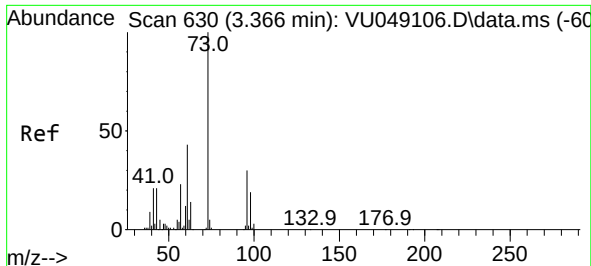
Tgt Ion: 43 Resp: 46922
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4



#16
Methylene chloride
Concen: 9.131 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 84 Resp: 100594
Ion Ratio Lower Upper
84 100
86 63.9 43.6 81.0
49 133.0 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 10.961 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

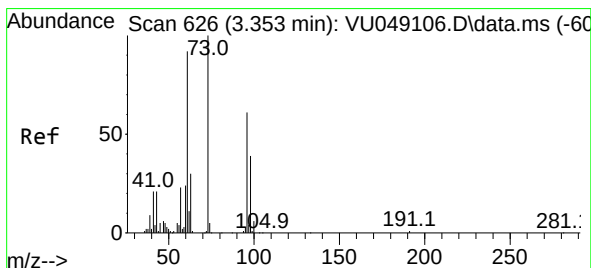
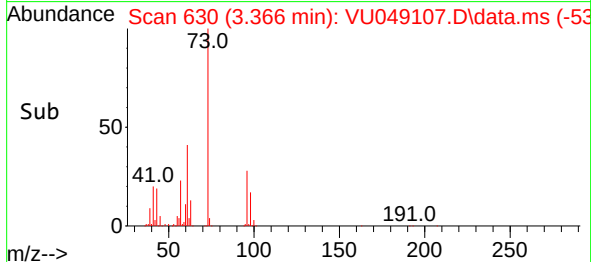
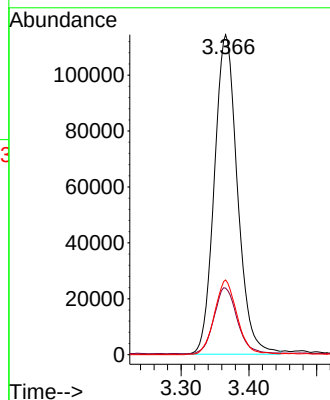
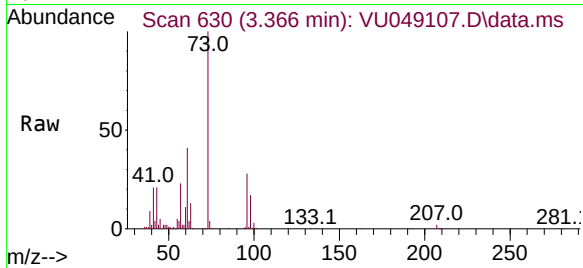
Tgt Ion: 73 Resp: 270709

Ion Ratio Lower Upper

73 100

43 21.0 16.5 24.7

57 23.1 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 9.765 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

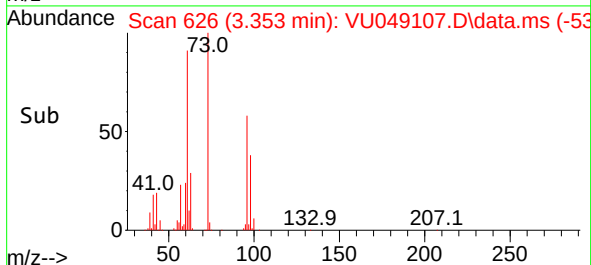
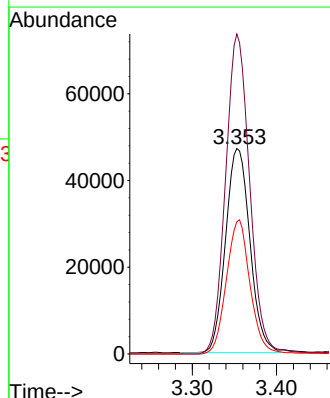
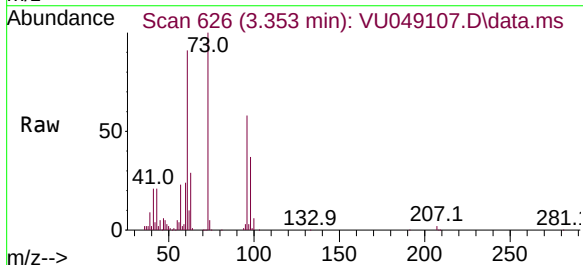
Tgt Ion: 96 Resp: 94778

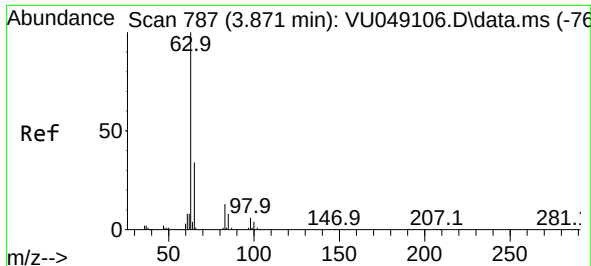
Ion Ratio Lower Upper

96 100

61 155.7 103.3 191.9

98 64.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 10.133 ug/L

RT: 3.871 min Scan# 71

Delta R.T. -0.000 min MSVOA_U

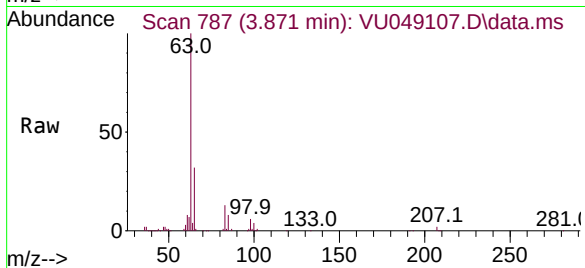
Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :



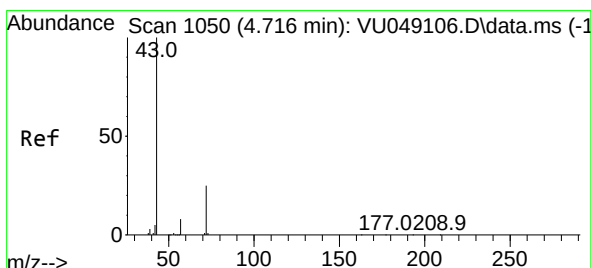
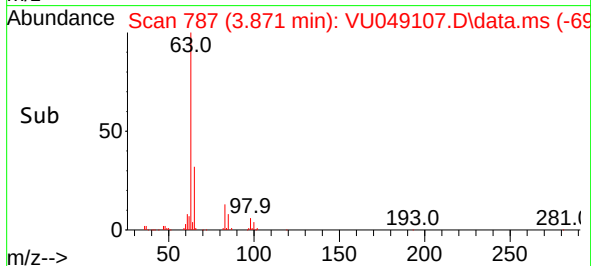
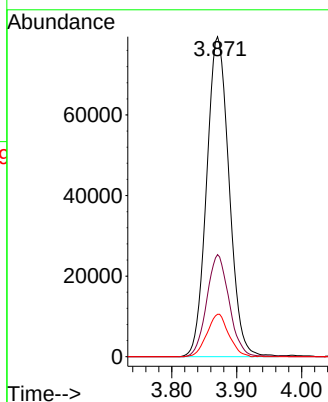
Tgt Ion: 63 Resp: 190795

Ion Ratio Lower Upper

63 100

65 31.9 24.0 44.6

83 13.3 9.1 16.9



#21

2-Butanone

Concen: 128.268 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049107.D

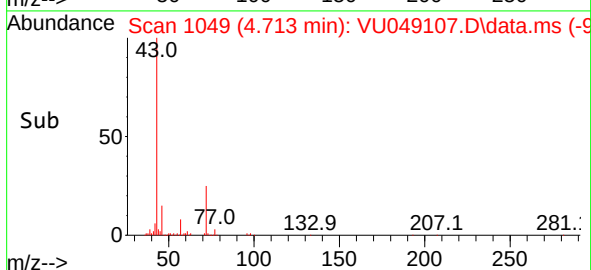
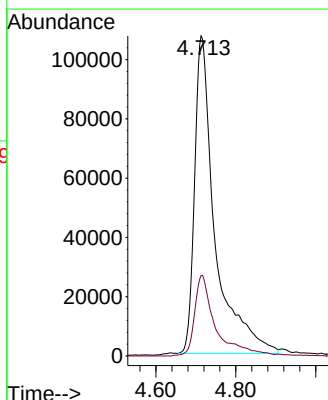
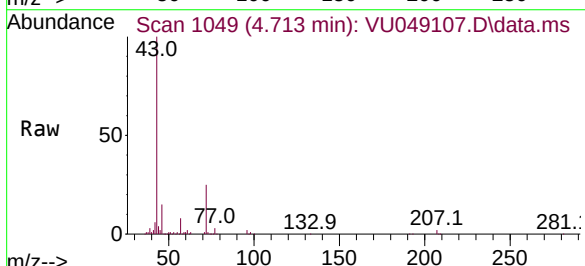
Acq: 14 Jun 2022 11:55

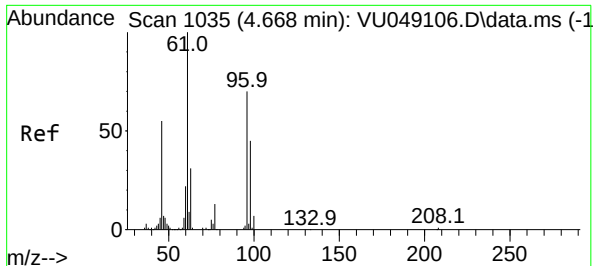
Tgt Ion: 43 Resp: 380271

Ion Ratio Lower Upper

43 100

72 26.0 12.2 36.6

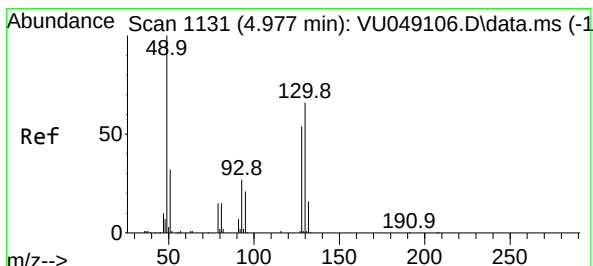
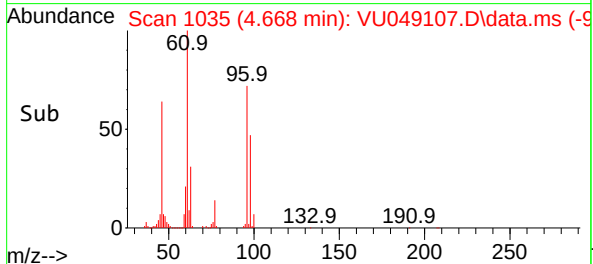
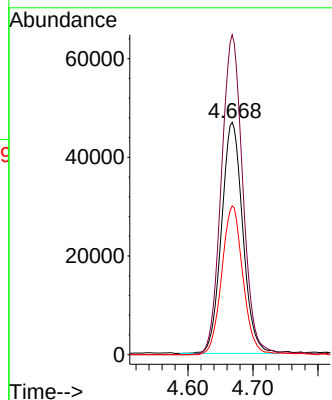
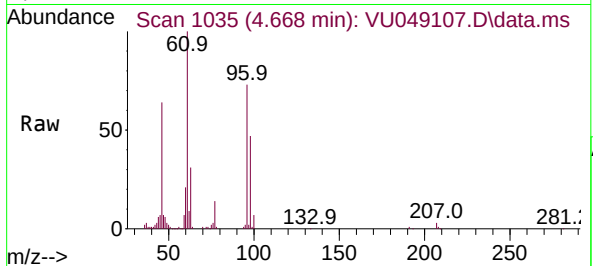




#22
 cis-1,2-Dichloroethene
 Concen: 9.223 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

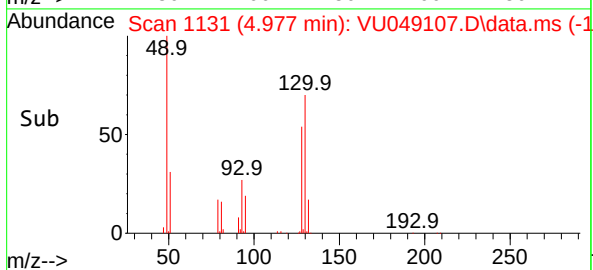
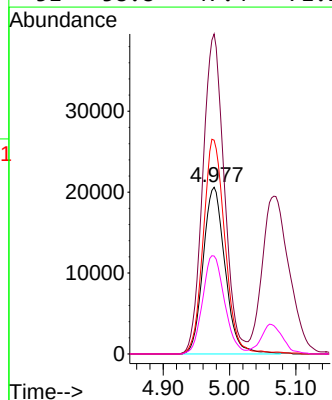
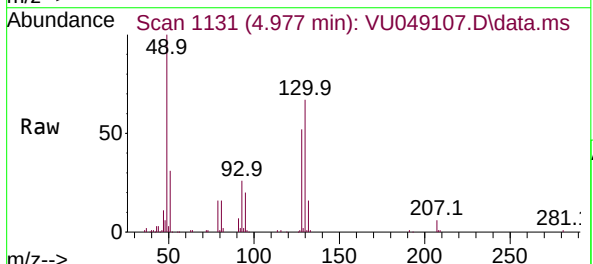
Instrument :
 MSVOA_U
 ClientSampleId :

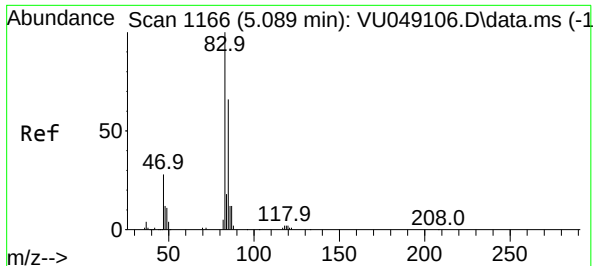
Tgt Ion: 96 Resp: 106498
 Ion Ratio Lower Upper
 96 100
 61 137.8 99.5 184.9
 98 64.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 9.577 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

Tgt Ion: 128 Resp: 47447
 Ion Ratio Lower Upper
 128 100
 49 191.9 131.6 244.4
 130 128.2 86.9 161.5
 51 58.8 47.4 71.2





#25

Chloroform

Concen: 9.567 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

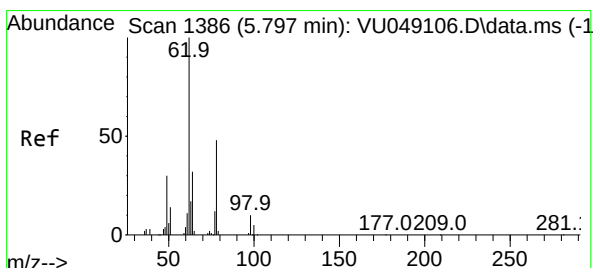
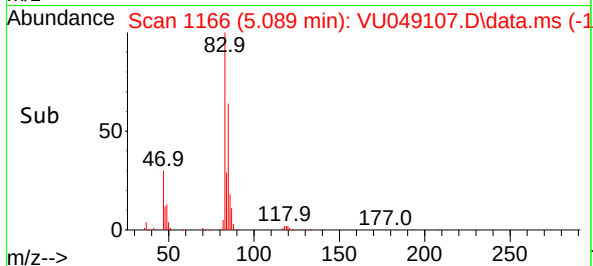
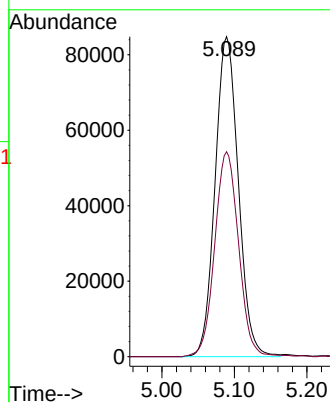
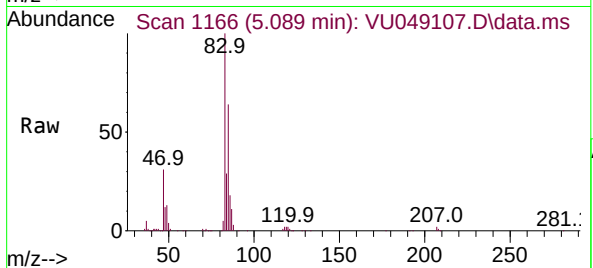
ClientSampleId :

Tgt Ion: 83 Resp: 189071

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 9.776 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049107.D

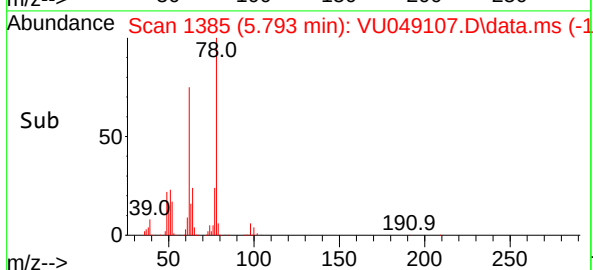
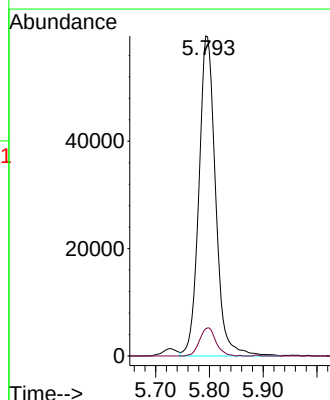
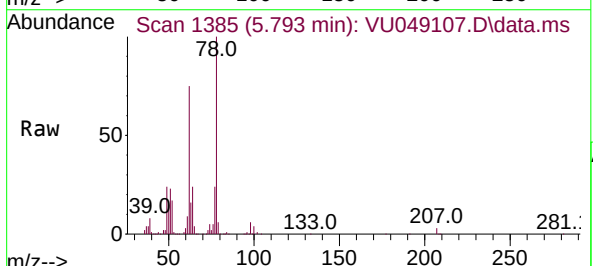
Acq: 14 Jun 2022 11:55

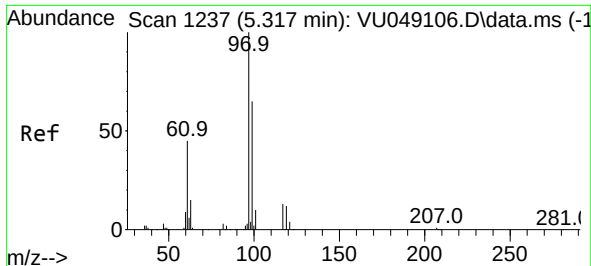
Tgt Ion: 62 Resp: 128606

Ion Ratio Lower Upper

62 100

98 8.5 7.6 11.4

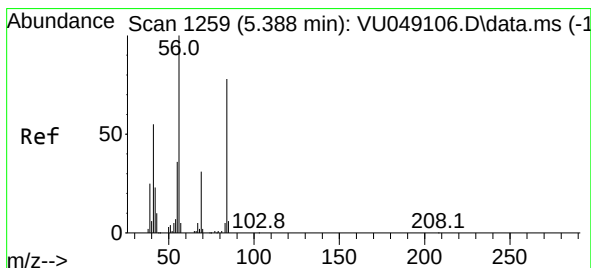
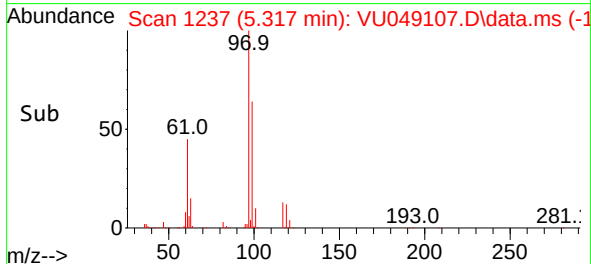
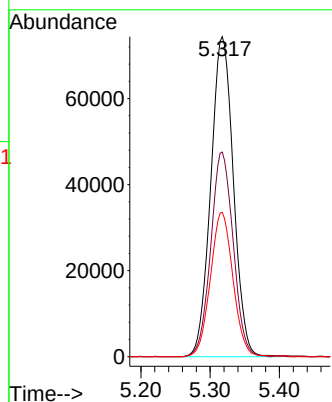
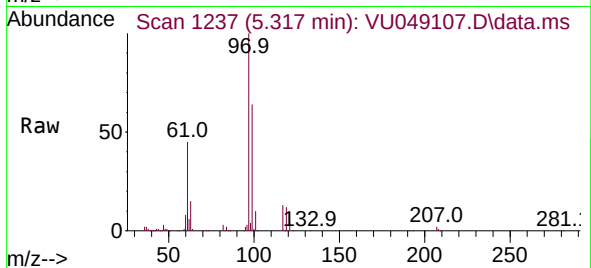




#29
1,1,1-Trichloroethane
Concen: 10.064 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

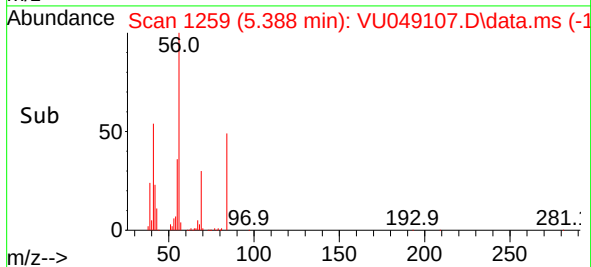
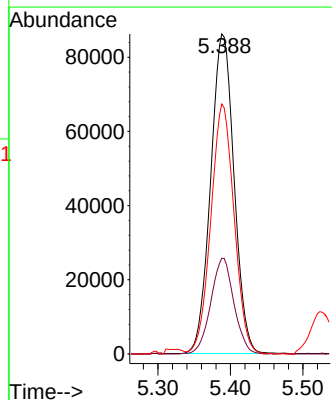
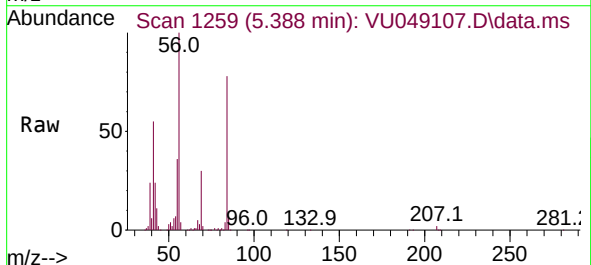
Instrument :
MSVOA_U
ClientSampleId :

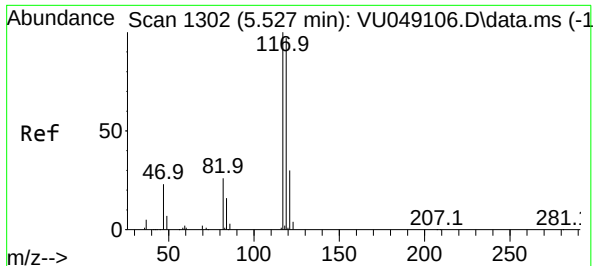
Tgt Ion: 97 Resp: 168783
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 45.1 36.2 54.4



#30
Cyclohexane
Concen: 12.638 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 56 Resp: 193144
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.6
84 77.8 61.2 91.8

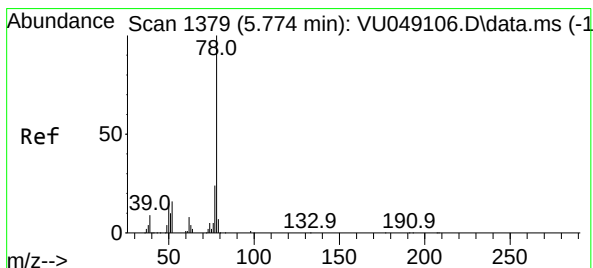
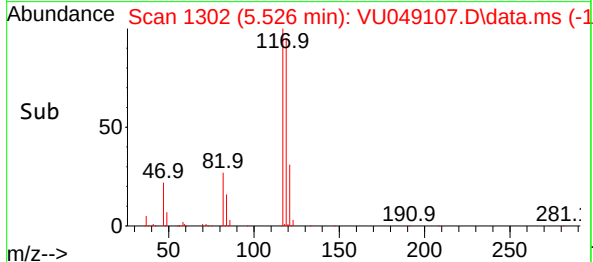
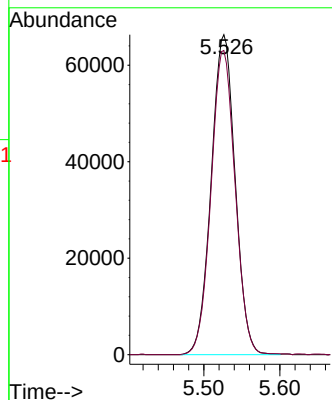
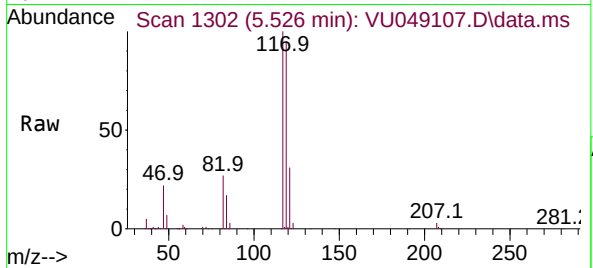




#31
Carbon tetrachloride
Concen: 9.867 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

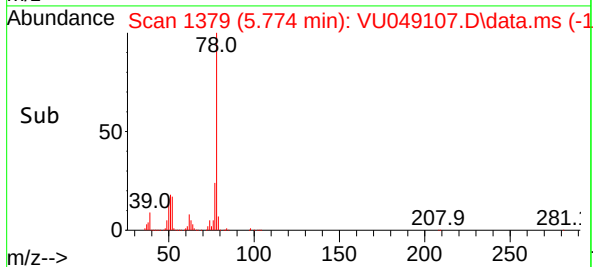
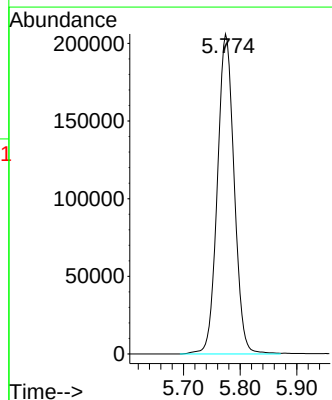
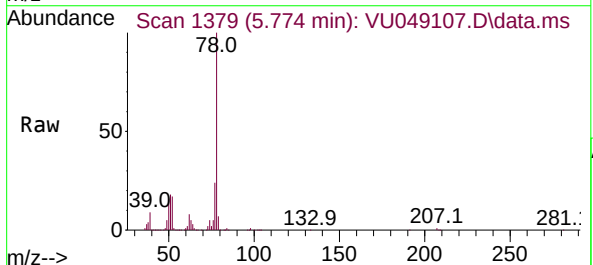
Instrument :
MSVOA_U
ClientSampleId :

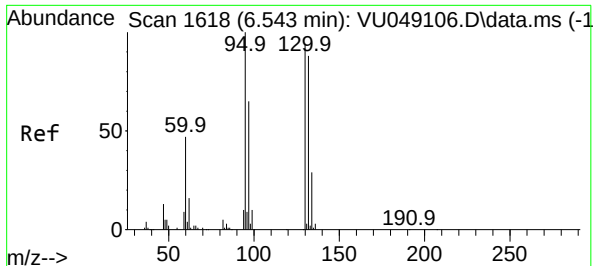
Tgt Ion:117 Resp: 145195
Ion Ratio Lower Upper
117 100
119 95.7 78.3 117.5



#33
Benzene
Concen: 10.585 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 78 Resp: 424223





#34

Trichloroethene

Concen: 10.648 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

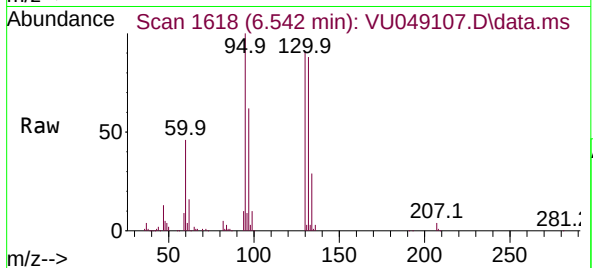
Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 110022

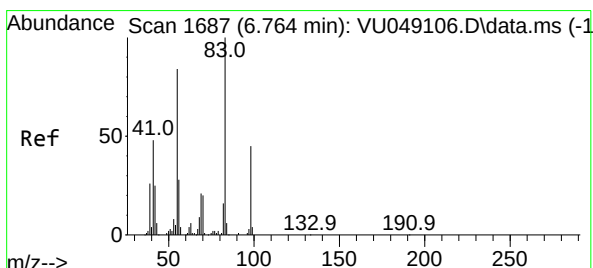
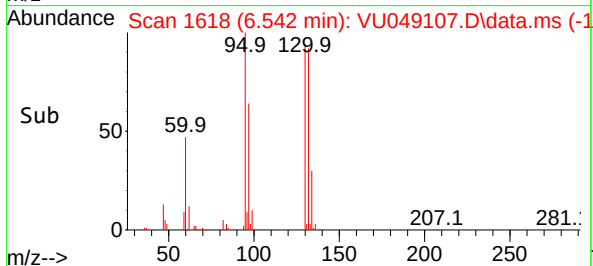
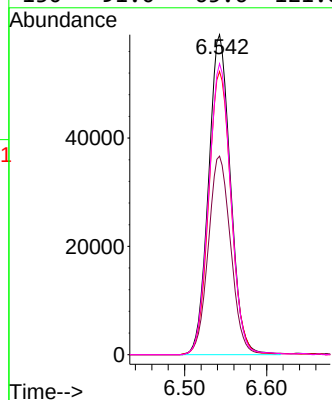
Ion Ratio Lower Upper

95 100

97 62.1 45.3 84.1

132 88.5 61.5 114.3

130 91.0 65.6 121.8



#35

Methylcyclohexane

Concen: 11.955 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

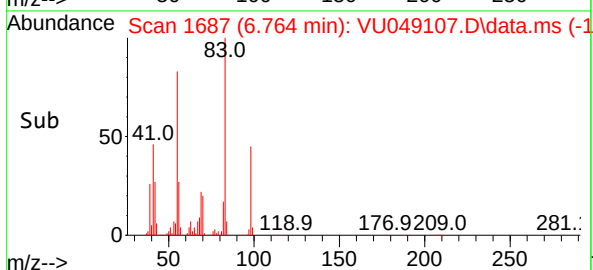
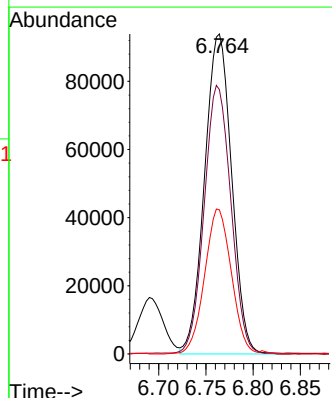
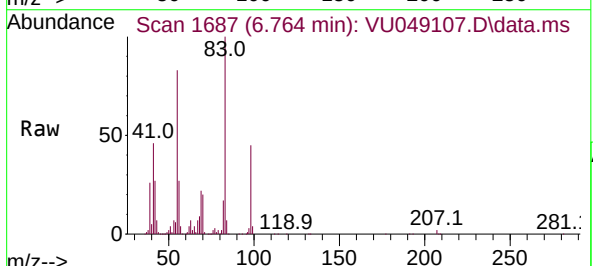
Tgt Ion: 83 Resp: 187209

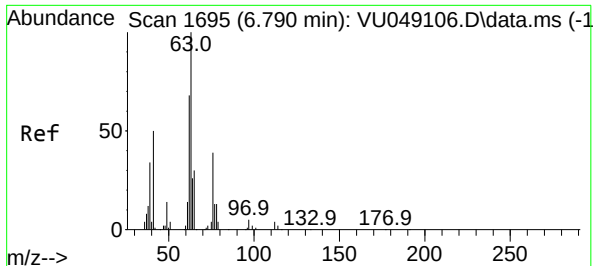
Ion Ratio Lower Upper

83 100

55 82.5 66.9 100.3

98 44.6 35.5 53.3

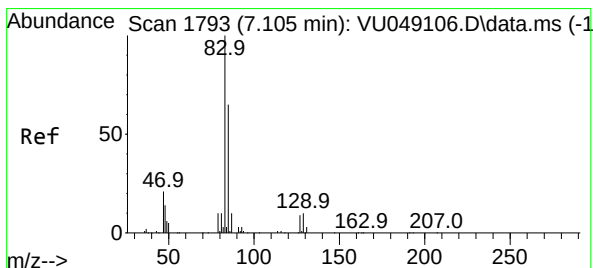
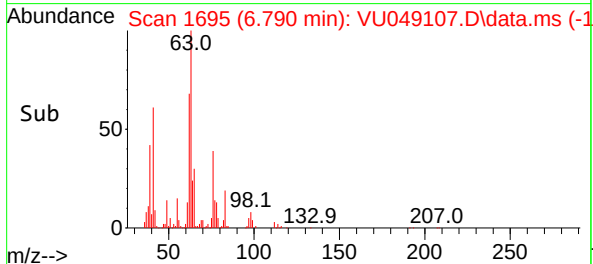
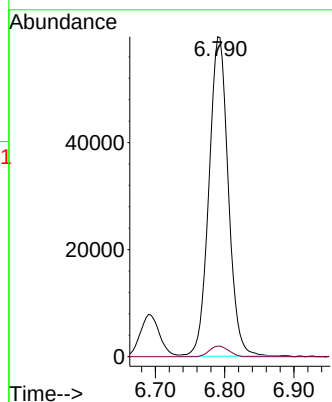
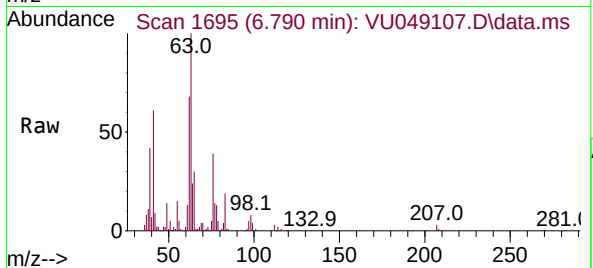




#37
1,2-Dichloropropane
Concen: 10.926 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

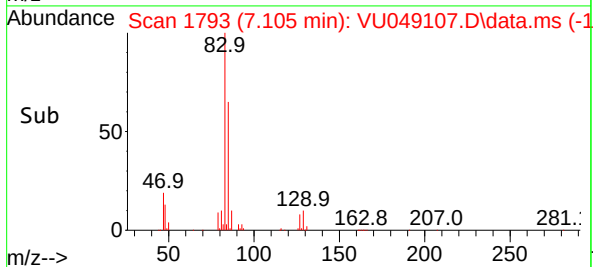
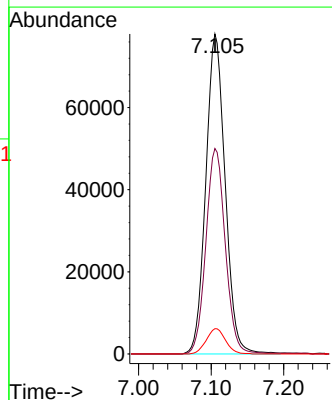
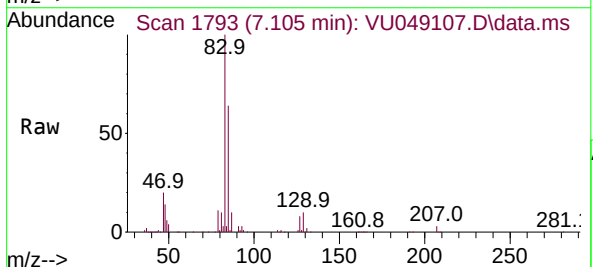
Instrument :
MSVOA_U
ClientSampleId :

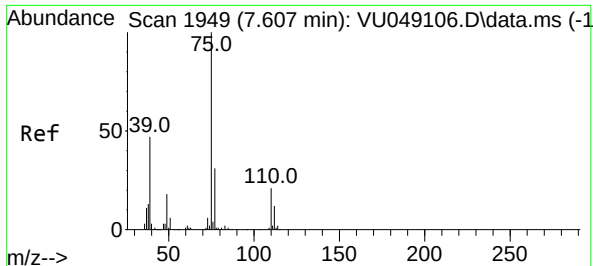
Tgt Ion: 63 Resp: 115399
Ion Ratio Lower Upper
63 100
112 3.3 2.8 4.2



#38
Bromodichloromethane
Concen: 10.363 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 83 Resp: 144421
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5
127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 12.151 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

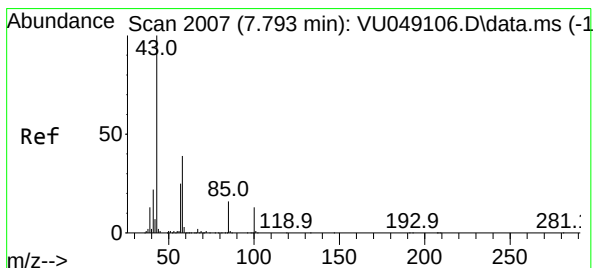
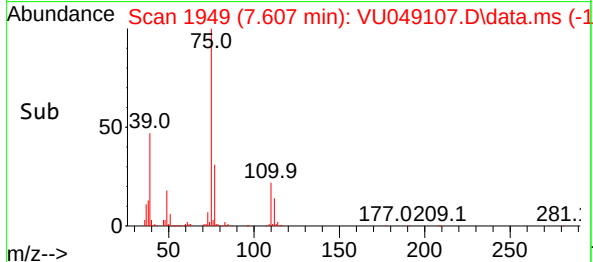
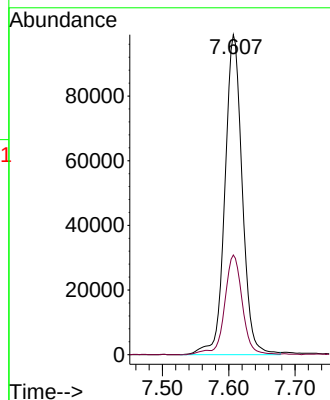
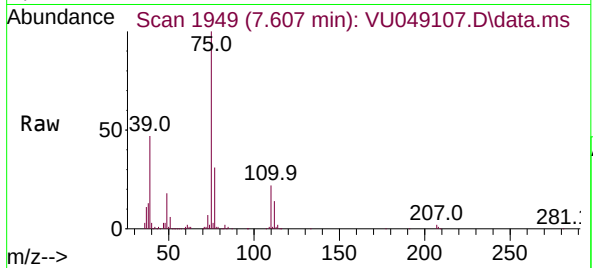
ClientSampleId :

Tgt Ion: 75 Resp: 179825

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 132.696 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

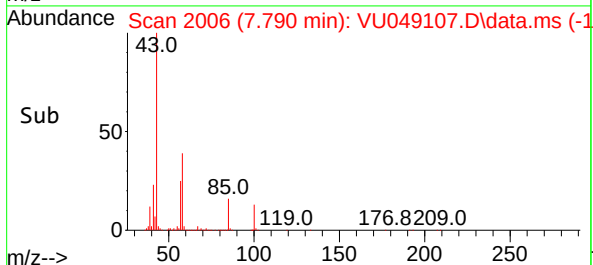
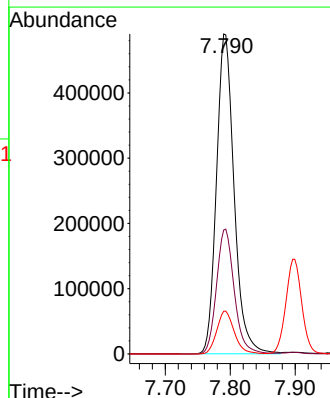
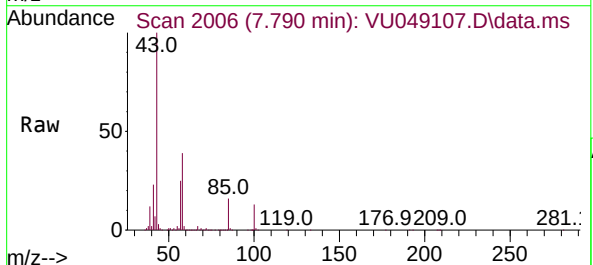
Tgt Ion: 43 Resp: 920729

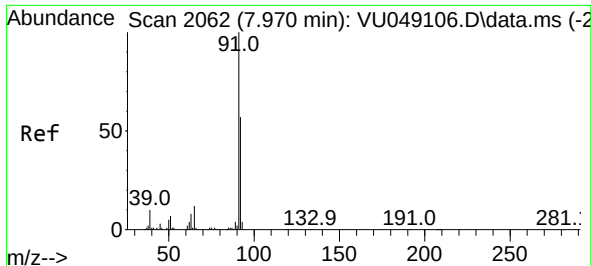
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 13.3 10.5 15.7





#42

Toluene

Concen: 10.985 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

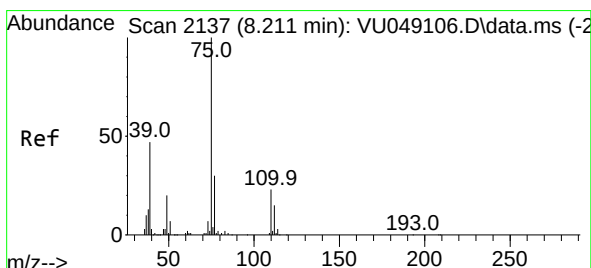
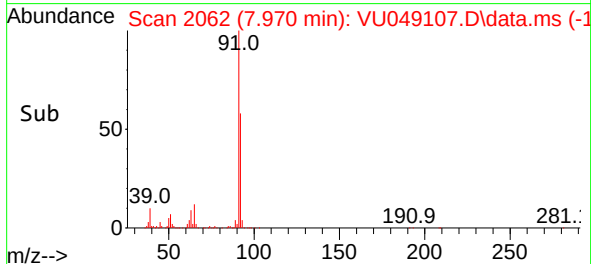
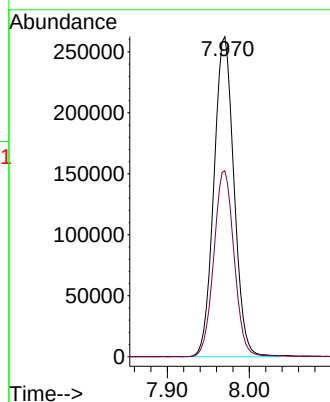
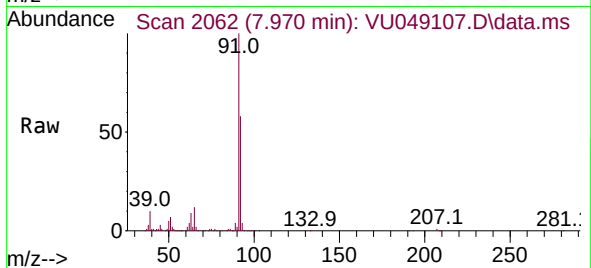
ClientSampleId :

Tgt Ion: 91 Resp: 446016

Ion Ratio Lower Upper

91 100

92 58.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 11.775 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049107.D

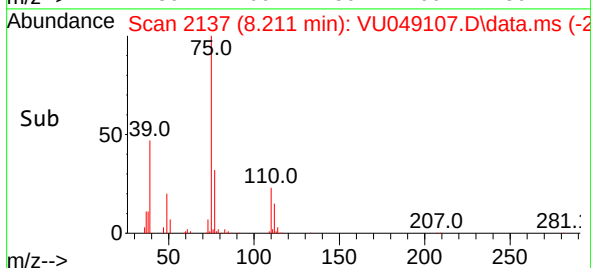
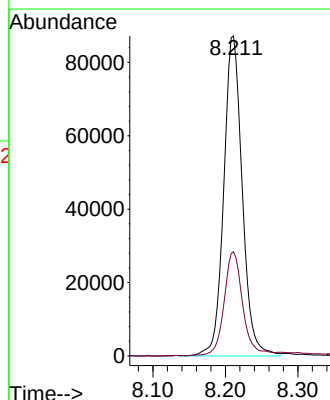
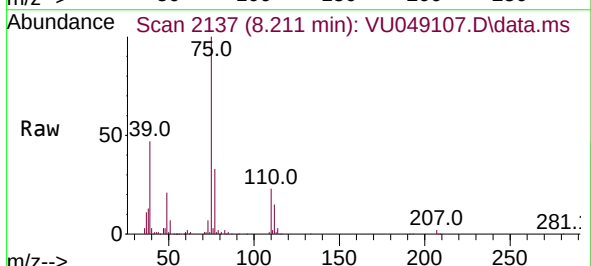
Acq: 14 Jun 2022 11:55

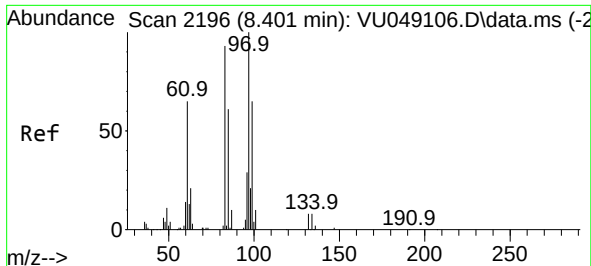
Tgt Ion: 75 Resp: 154733

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.3

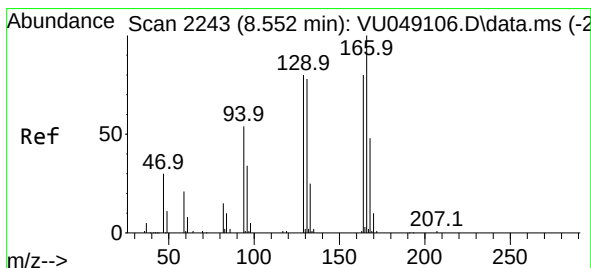
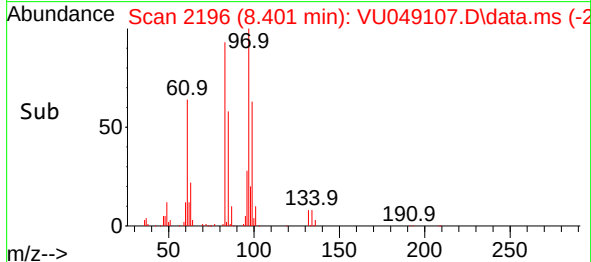
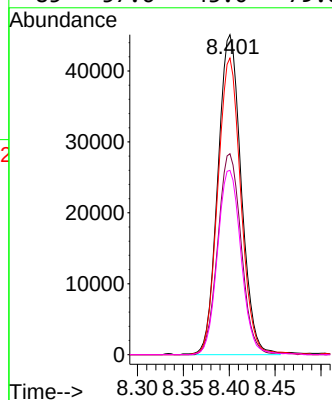
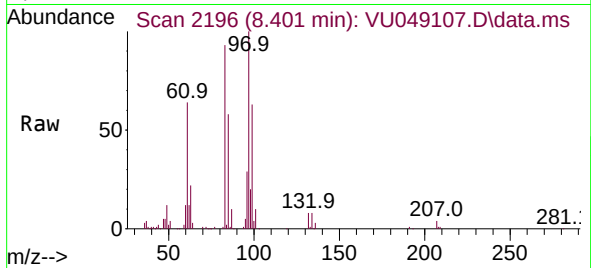




#45
1,1,2-Trichloroethane
Concen: 10.730 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

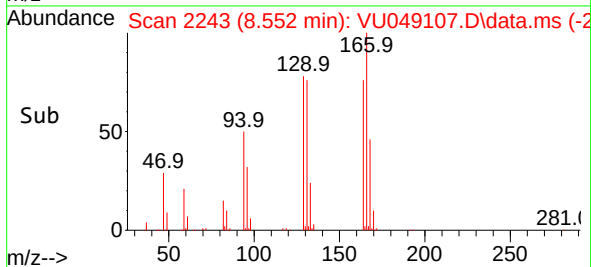
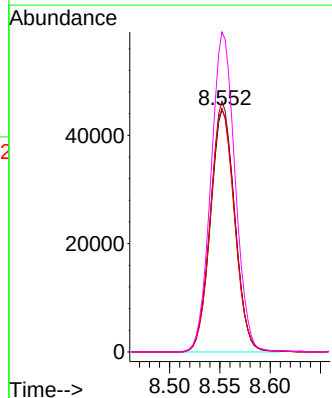
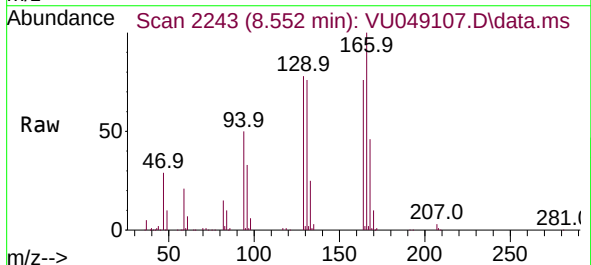
Instrument :
MSVOA_U
ClientSampleId :

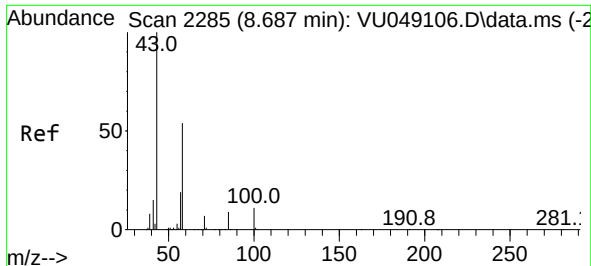
Tgt Ion:	97	Resp:	80002
Ion	Ratio	Lower	Upper
97	100		
99	62.8	45.6	84.8
83	92.7	65.4	121.4
85	57.6	43.0	79.8



#47
Tetrachloroethene
Concen: 9.457 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

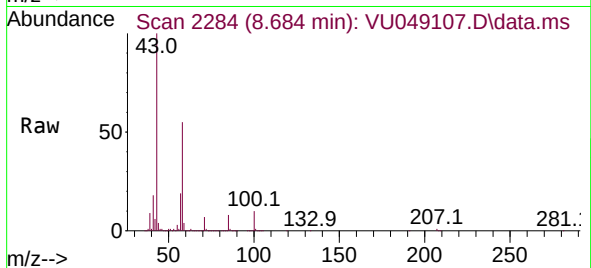
Tgt Ion:	164	Resp:	75530
Ion	Ratio	Lower	Upper
164	100		
129	103.4	69.8	129.6
131	100.4	67.8	125.8
166	132.0	87.3	162.1



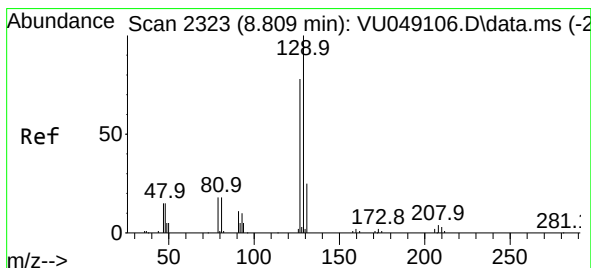
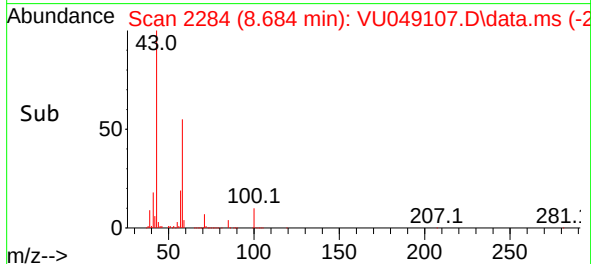
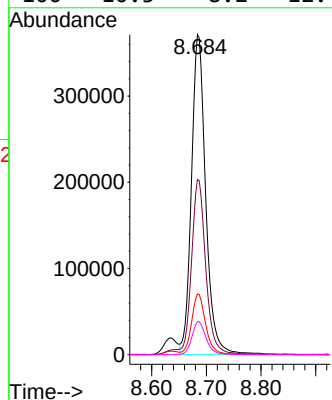


#48
2-Hexanone
Concen: 131.339 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :

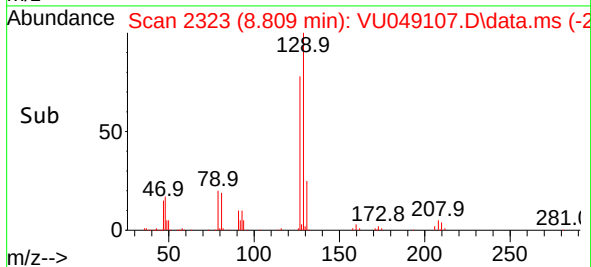
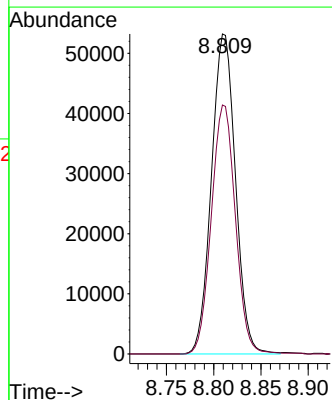
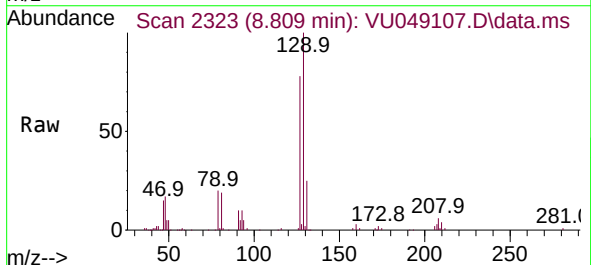


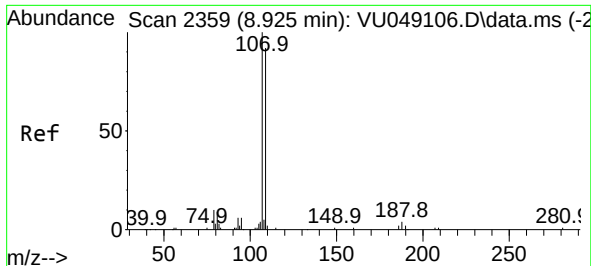
Tgt Ion: 43 Resp: 669925
Ion Ratio Lower Upper
43 100
58 56.4 43.4 65.0
57 18.7 14.9 22.3
100 10.3 8.2 12.4



#49
Dibromochloromethane
Concen: 10.068 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 129 Resp: 94034
Ion Ratio Lower Upper
129 100
127 77.8 54.9 101.9





#50

1,2-Dibromoethane

Concen: 10.750 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

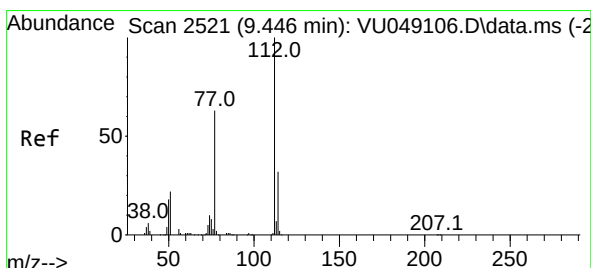
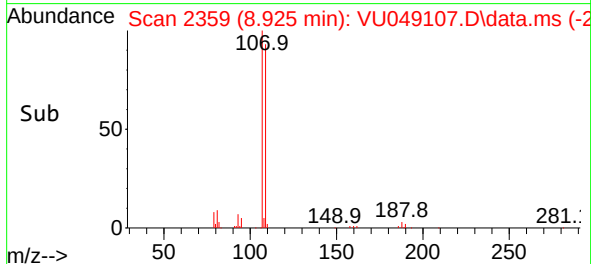
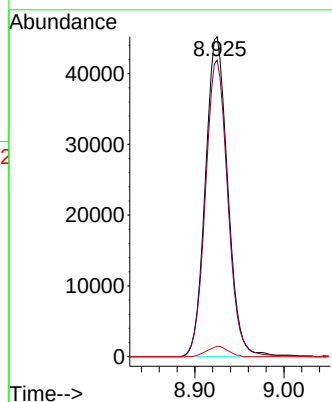
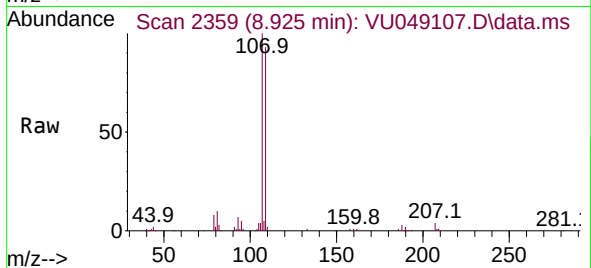
Tgt Ion:107 Resp: 78683

Ion Ratio Lower Upper

107 100

109 92.6 64.4 119.6

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 10.291 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

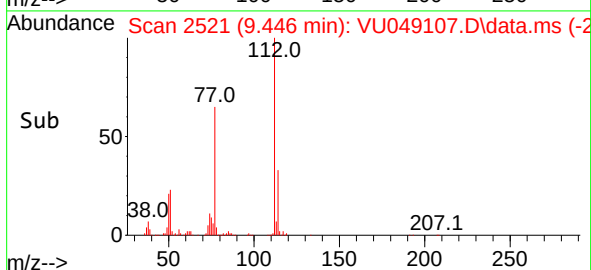
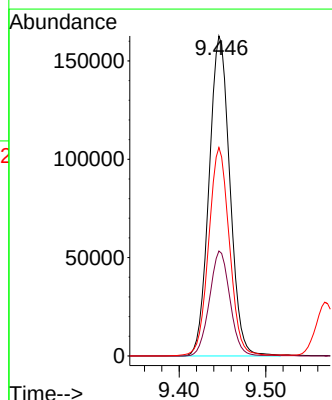
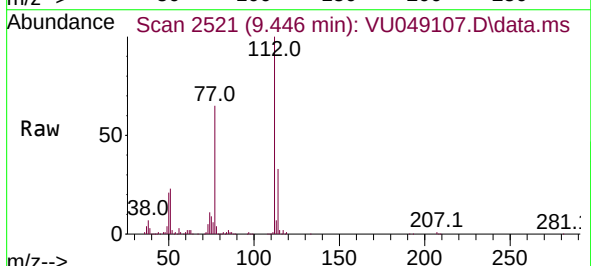
Tgt Ion:112 Resp: 271854

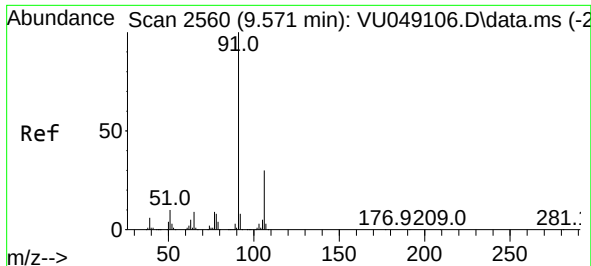
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

77 65.1 51.0 76.6





#52

Ethylbenzene

Concen: 11.607 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

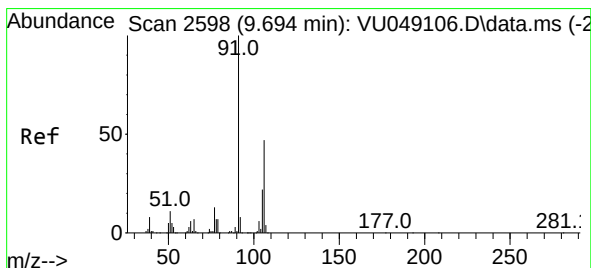
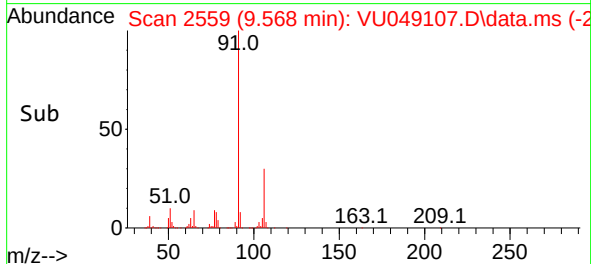
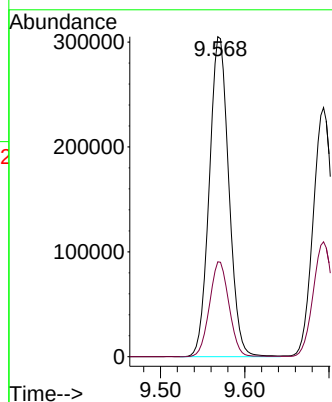
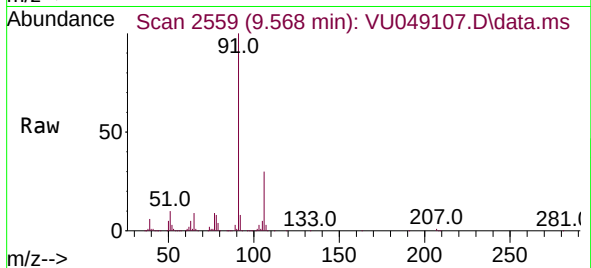
ClientSampleId :

Tgt Ion: 91 Resp: 490967

Ion Ratio Lower Upper

91 100

106 29.6 21.2 39.4



#53

m,p-Xylene

Concen: 10.763 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049107.D

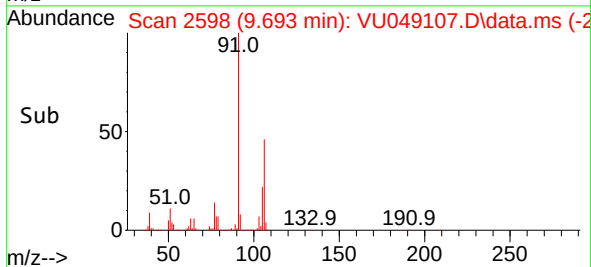
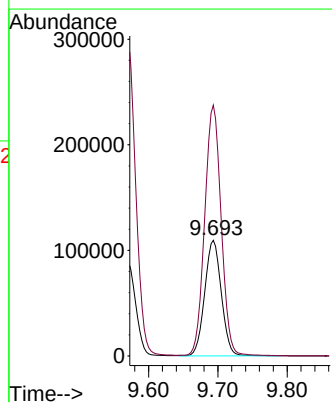
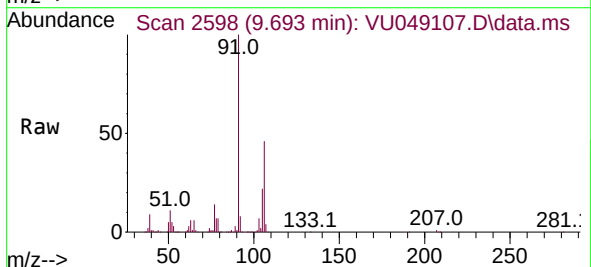
Acq: 14 Jun 2022 11:55

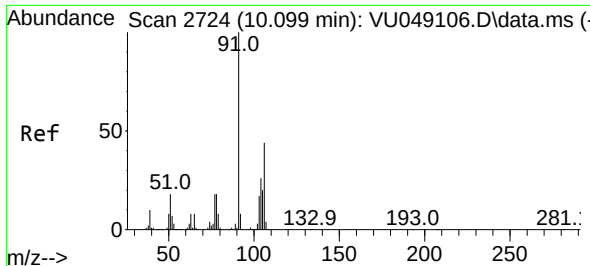
Tgt Ion:106 Resp: 181604

Ion Ratio Lower Upper

106 100

91 216.9 148.5 275.7

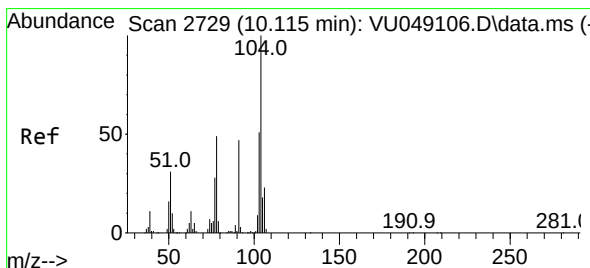
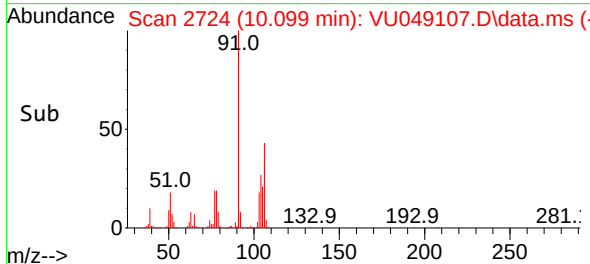
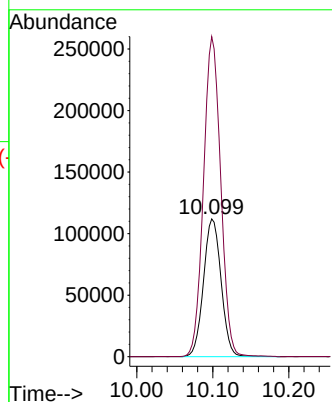
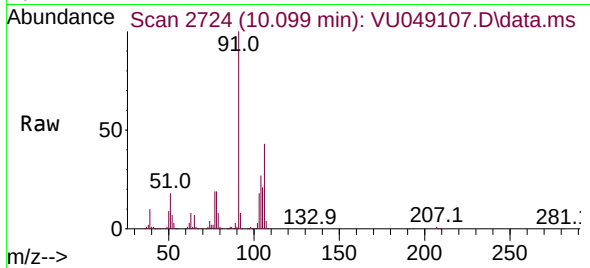




#54
o-Xylene
Concen: 10.993 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

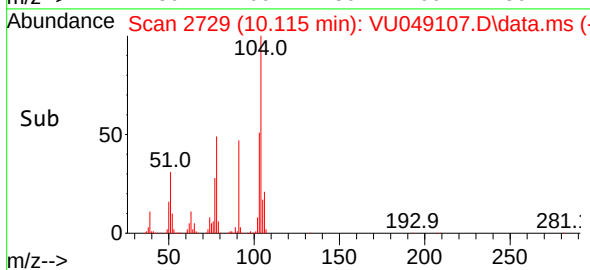
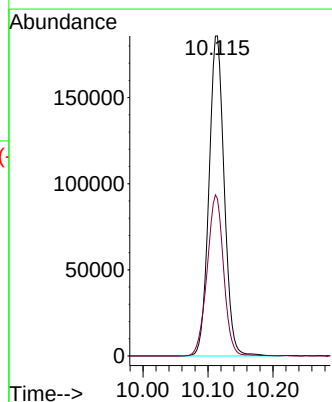
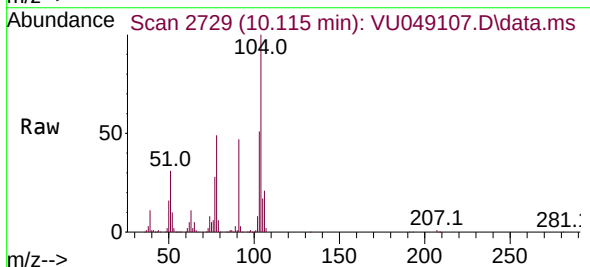
Instrument :
MSVOA_U
ClientSampleId :

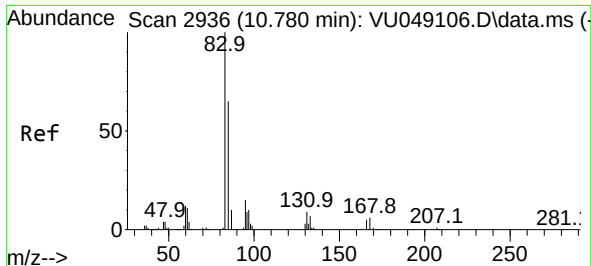
Tgt Ion:106 Resp: 180089
Ion Ratio Lower Upper
106 100
91 232.1 157.5 292.5



#55
Styrene
Concen: 11.145 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion:104 Resp: 303933
Ion Ratio Lower Upper
104 100
78 49.1 34.1 63.3

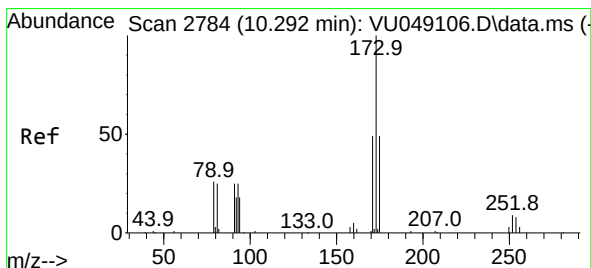
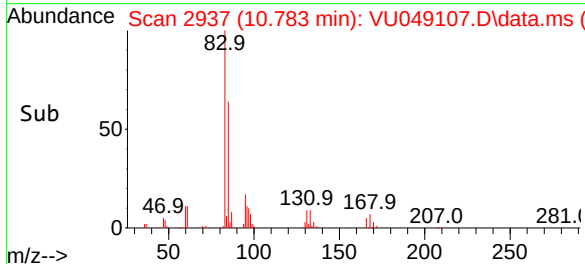
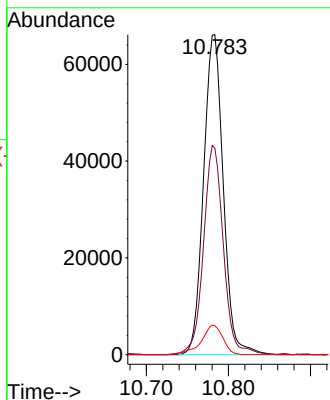
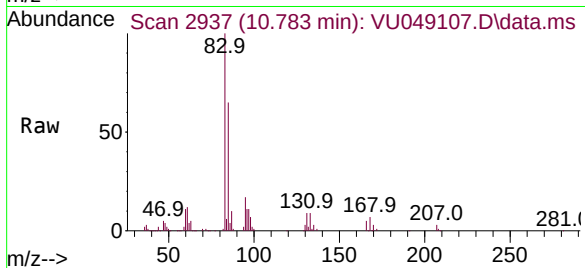




#57
1,1,2,2-Tetrachloroethane
Concen: 11.378 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

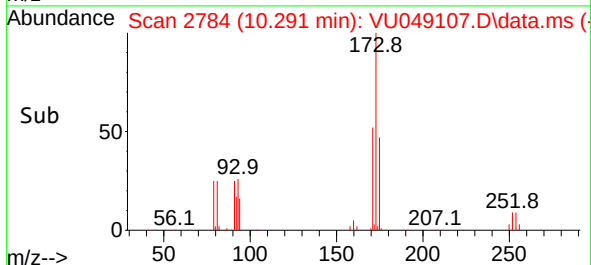
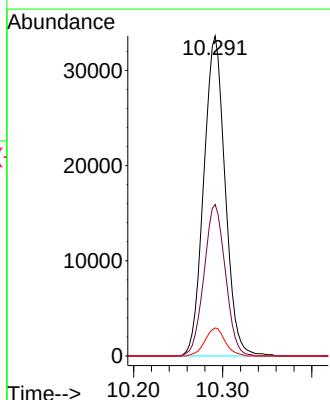
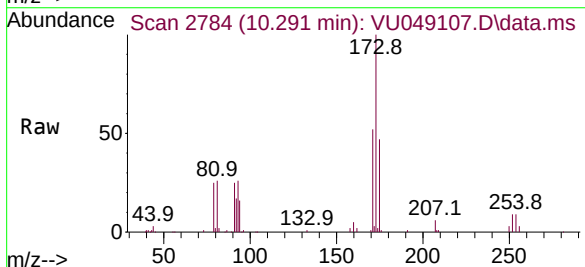
Instrument :
MSVOA_U
ClientSampleId :

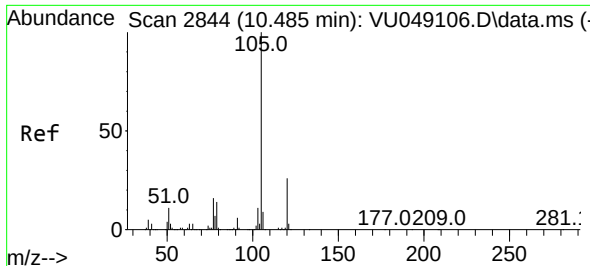
Tgt Ion: 83 Resp: 110461
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.4
131 9.0 7.1 10.7



#59
Bromoform
Concen: 9.975 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 173 Resp: 55988
Ion Ratio Lower Upper
173 100
175 47.3 37.9 56.9
254 8.3 6.6 9.8

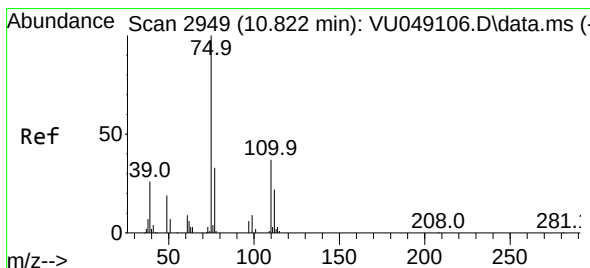
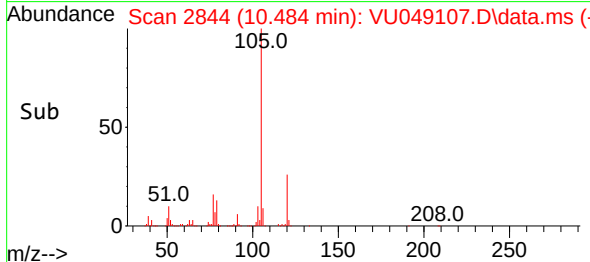
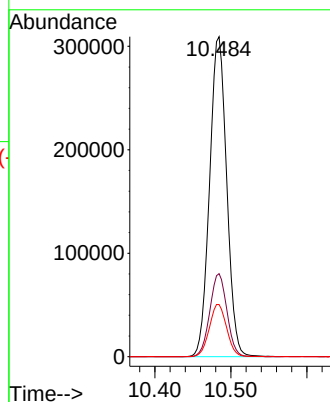
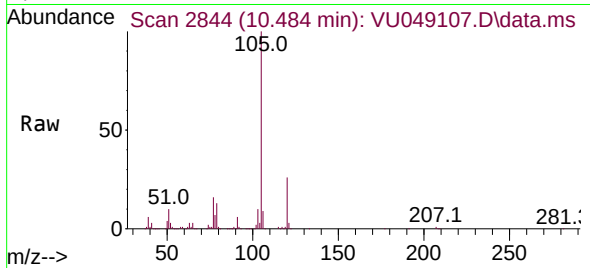




#60
Isopropylbenzene
Concen: 11.227 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

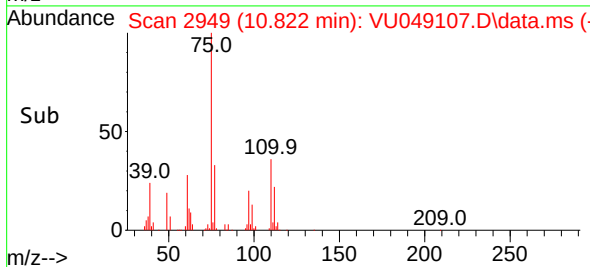
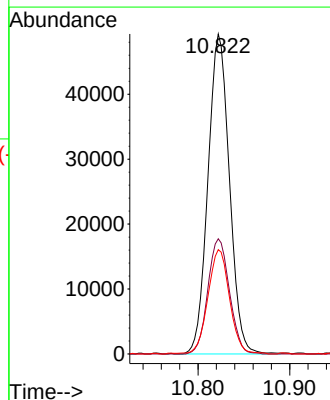
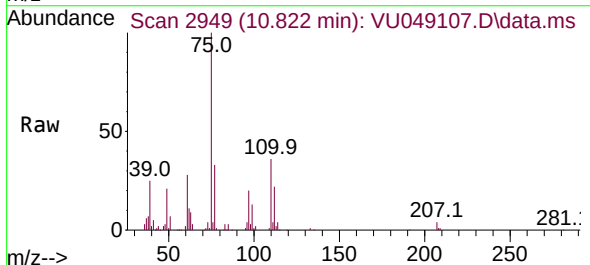
Instrument :
MSVOA_U
ClientSampleId :

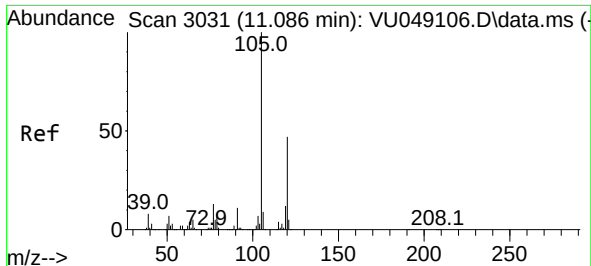
Tgt Ion:105 Resp: 482980
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 10.726 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049107.D
Acq: 14 Jun 2022 11:55

Tgt Ion: 75 Resp: 80034
Ion Ratio Lower Upper
75 100
110 36.2 29.0 43.4
77 32.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 11.669 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

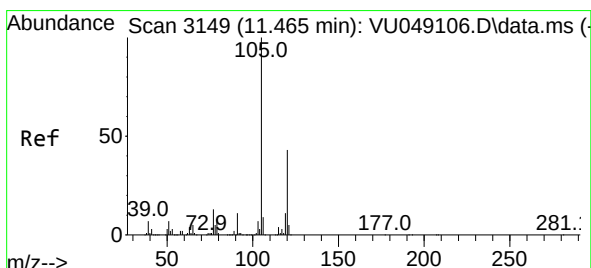
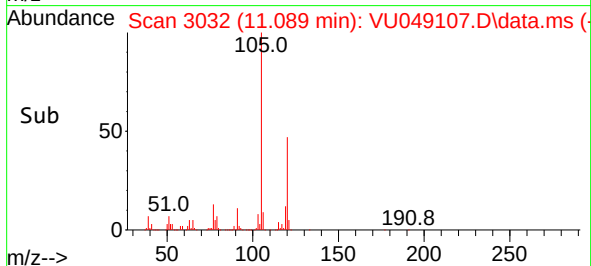
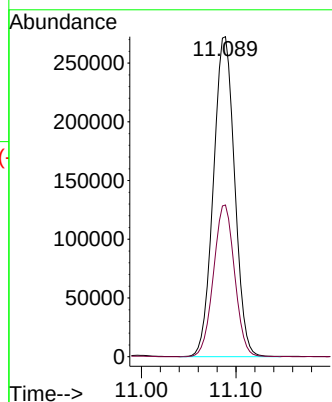
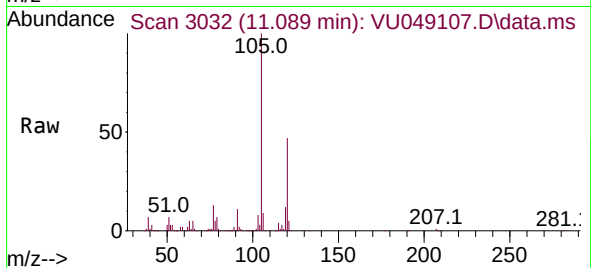
ClientSampleId :

Tgt Ion:105 Resp: 425523

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 11.827 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU049107.D

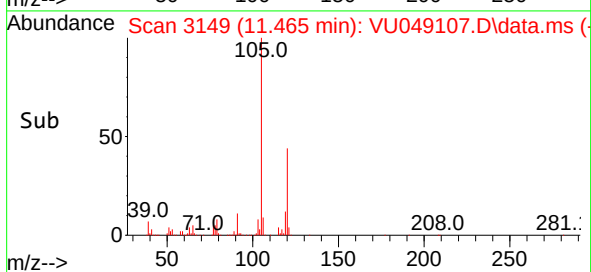
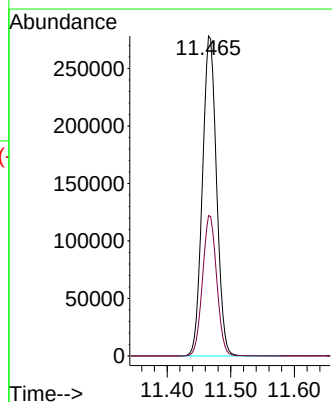
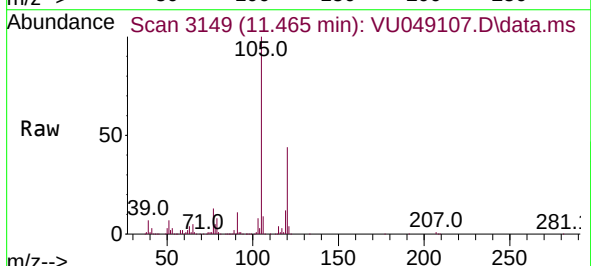
Acq: 14 Jun 2022 11:55

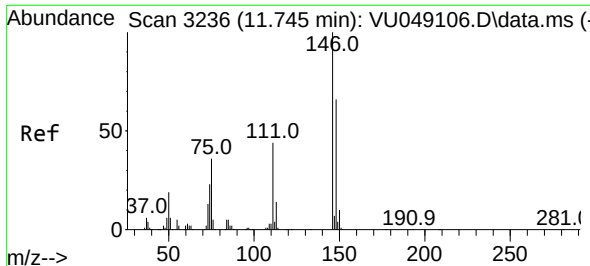
Tgt Ion:105 Resp: 429981

Ion Ratio Lower Upper

105 100

120 44.0 34.6 52.0

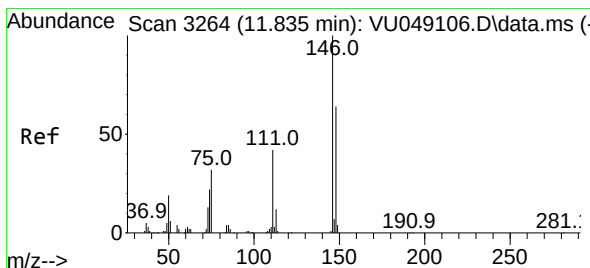
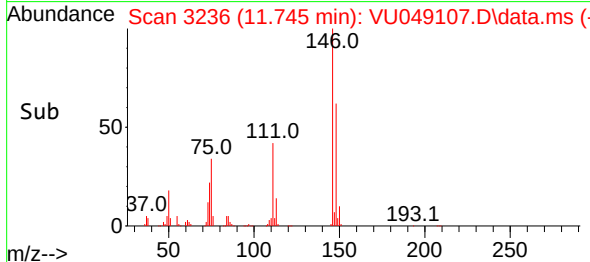
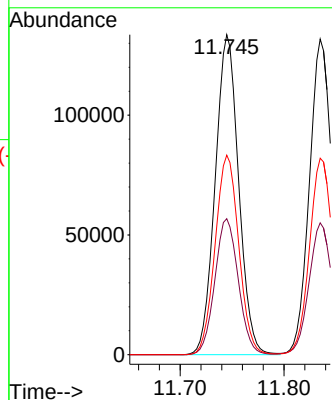
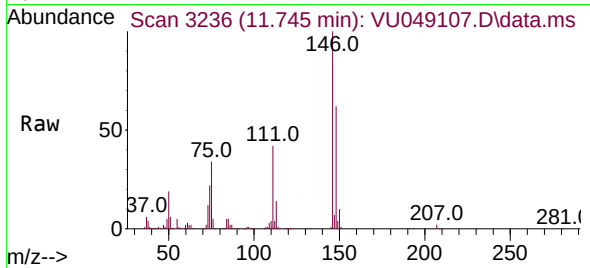




#64
 1,3-Dichlorobenzene
 Concen: 10.065 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

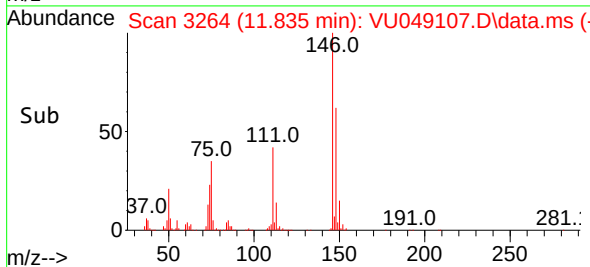
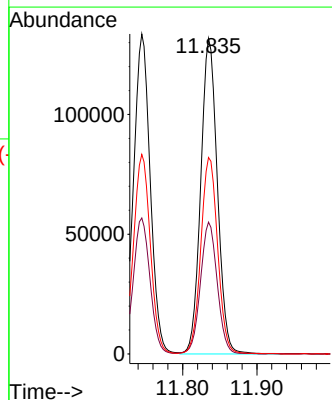
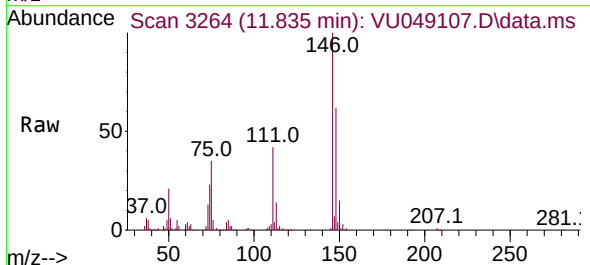
Instrument :
 MSVOA_U
 ClientSampleId :

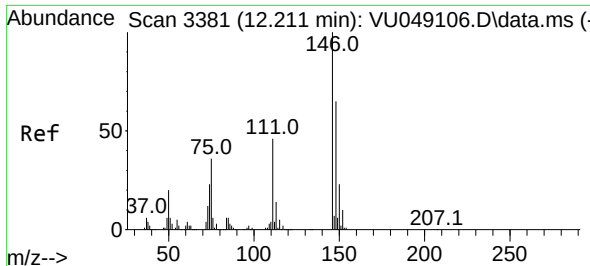
Tgt Ion:146 Resp: 209553
 Ion Ratio Lower Upper
 146 100
 111 42.5 30.9 57.5
 148 62.4 46.1 85.7



#65
 1,4-Dichlorobenzene
 Concen: 10.076 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

Tgt Ion:146 Resp: 205287
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.8 55.4
 148 62.2 44.7 83.1

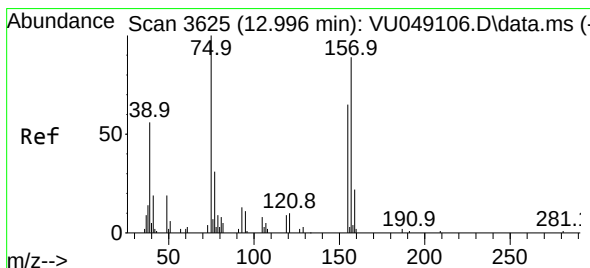
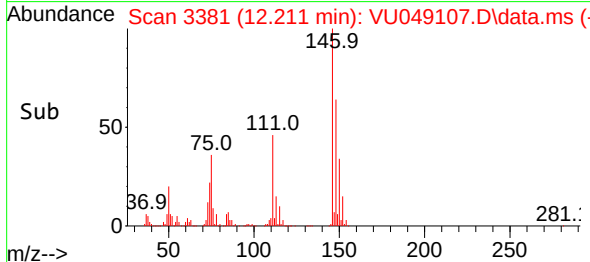
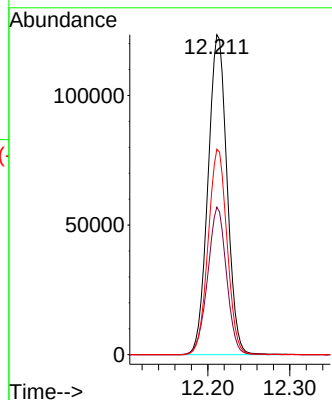
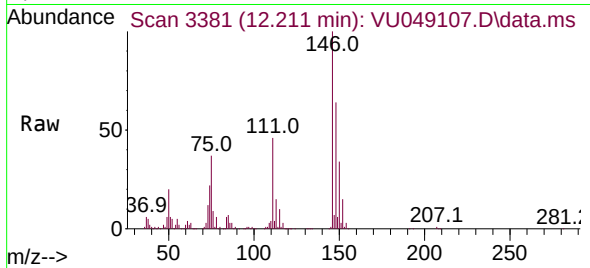




#67
 1,2-Dichlorobenzene
 Concen: 9.944 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

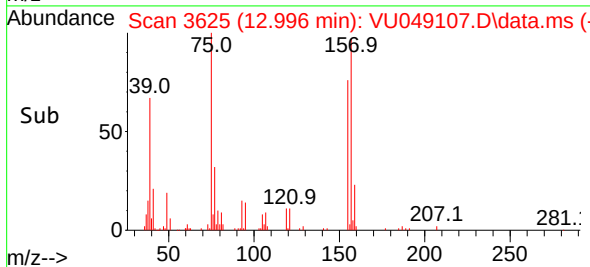
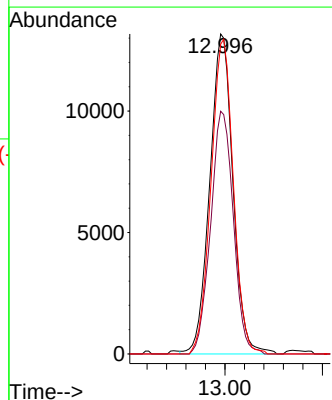
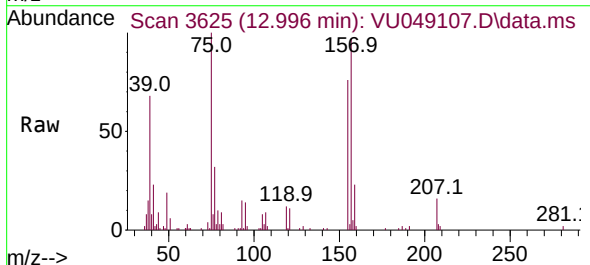
Instrument :
 MSVOA_U
 ClientSampleId :

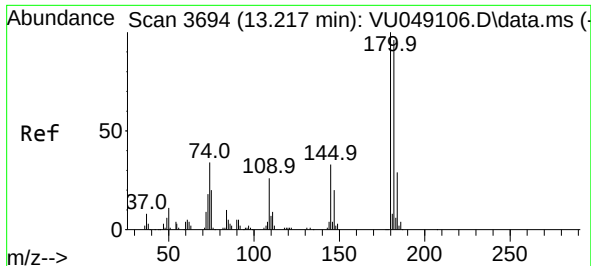
Tgt Ion:146 Resp: 199449
 Ion Ratio Lower Upper
 146 100
 111 46.1 36.6 55.0
 148 64.2 52.2 78.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 11.799 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU049107.D
 Acq: 14 Jun 2022 11:55

Tgt Ion: 75 Resp: 21727
 Ion Ratio Lower Upper
 75 100
 155 75.8 52.0 78.0
 157 96.8 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 10.249 ug/L

RT: 13.217 min Scan# 30

Delta R.T. -0.000 min

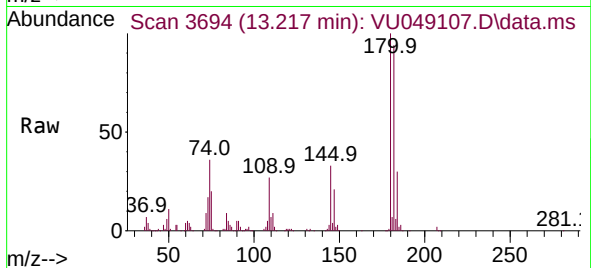
Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 160409

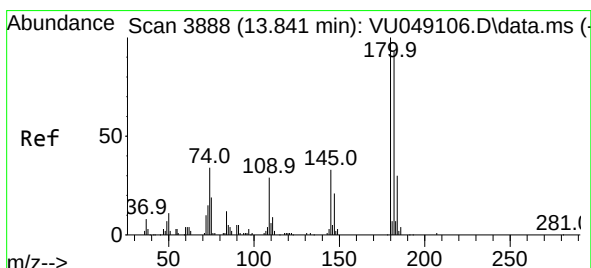
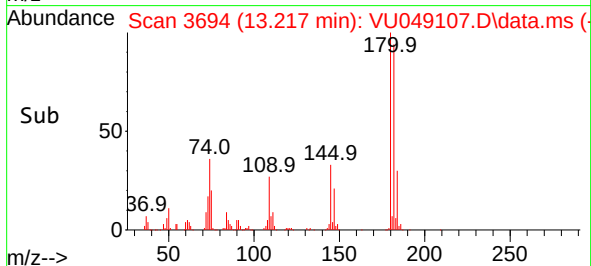
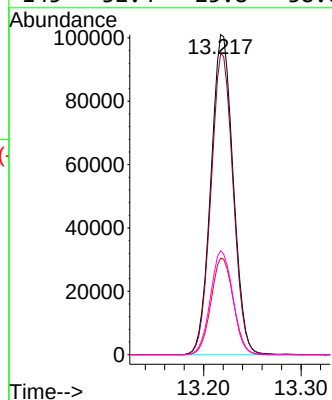
Ion Ratio Lower Upper

180 100

182 93.5 75.0 112.4

184 30.2 23.2 34.8

145 32.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 10.856 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

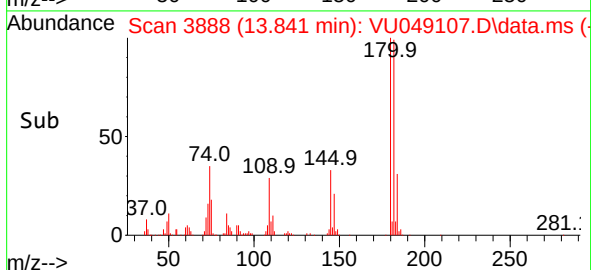
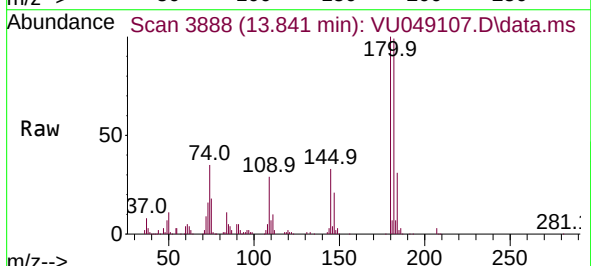
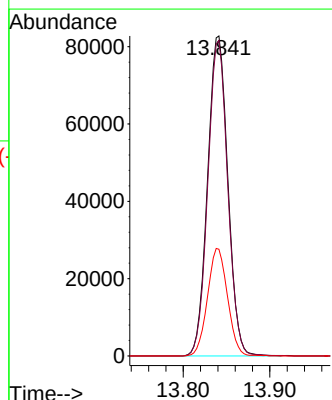
Tgt Ion:180 Resp: 134715

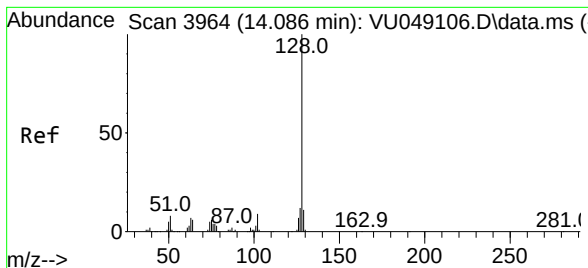
Ion Ratio Lower Upper

180 100

182 96.6 74.6 112.0

145 33.1 26.1 39.1





#71

Naphthalene

Concen: 11.073 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

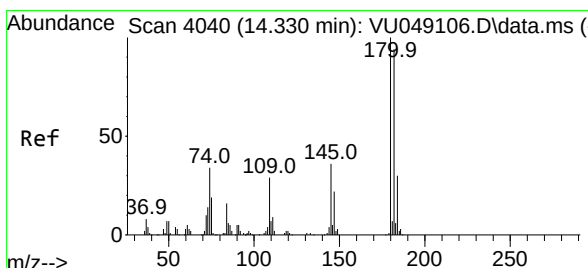
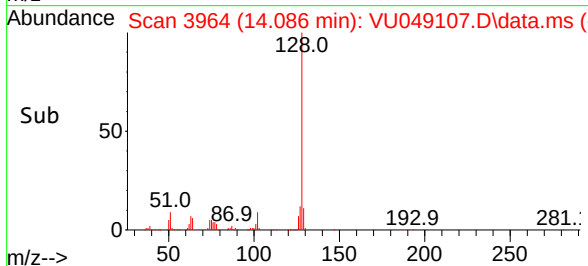
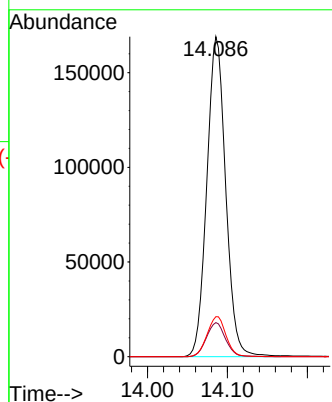
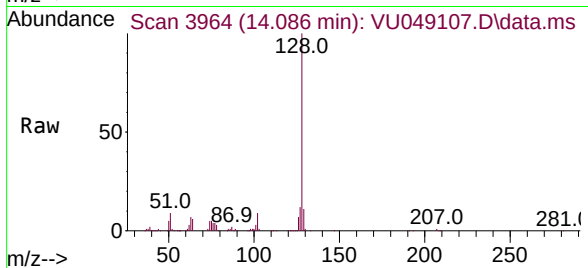
Tgt Ion:128 Resp: 277258

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 10.949 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU049107.D

Acq: 14 Jun 2022 11:55

Tgt Ion:180 Resp: 128758

Ion Ratio Lower Upper

180 100

182 94.4 75.6 113.4

145 34.2 27.9 41.9

