

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049051.D
 Acq On : 11 Jun 2022 13:42
 Operator : SY/MD
 Sample : VSTD01029
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:07:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	164441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	154692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77230	7.671	ug/L	0.00
7) Chloroethane-d5	1.912	69	84332	8.925	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	39749	8.221	ug/L	0.00
20) 2-Butanone-d5	4.636	46	402513	123.645	ug/L	0.00
24) Chloroform-d	5.067	84	250253	10.610	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	136842	10.576	ug/L	0.00
32) Benzene-d6	5.729	84	461468	10.382	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	153608	10.896	ug/L	0.00
41) Toluene-d8	7.896	98	381018	9.340	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	51241	9.027	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	299561	99.971	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	129370	9.335	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	160300	9.433	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	189291	15.809	ug/L	98
3) Chloromethane	1.523	50	155717	13.942	ug/L	100
5) Vinyl chloride	1.604	62	148126	13.255	ug/L	96
6) Bromomethane	1.858	94	84201	14.992	ug/L	96
8) Chloroethane	1.935	64	77363	11.864	ug/L	98
9) Trichlorofluoromethane	2.137	101	201543	13.674	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	108172	12.184	ug/L	98
12) 1,1-Dichloroethene	2.581	96	103086	12.040	ug/L	91
13) Acetone	2.649	43	175374	126.097	ug/L	95
14) Carbon disulfide	2.793	76	354695	13.220	ug/L	99
15) Methyl Acetate	2.957	43	45783	12.444	ug/L	98
16) Methylene chloride	3.047	84	117325	9.507	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	276588	12.490	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	113388	12.201	ug/L	100
19) 1,1-Dichloroethane	3.870	63	216724	13.049	ug/L	99
21) 2-Butanone	4.713	43	335783	133.269	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	129534	12.631	ug/L	99
23) Bromochloromethane	4.977	128	59254	11.700	ug/L	97
25) Chloroform	5.089	83	226346	12.544	ug/L	96
27) 1,2-Dichloroethane	5.796	62	148899	12.745	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	209099	14.038	ug/L	99
30) Cyclohexane	5.391	56	195204	15.192	ug/L	98
31) Carbon tetrachloride	5.526	117	187848	14.361	ug/L	99
33) Benzene	5.774	78	491317	13.293	ug/L	100
34) Trichloroethene	6.542	95	124617	12.790	ug/L	96
35) Methylcyclohexane	6.764	83	204915	14.420	ug/L	99
37) 1,2-Dichloropropane	6.790	63	124495	13.022	ug/L	99
38) Bromodichloromethane	7.105	83	165911	12.746	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	176383	12.189	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	791859	121.265	ug/L	100
42) Toluene	7.970	91	503669	12.637	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	159010	12.305	ug/L	100

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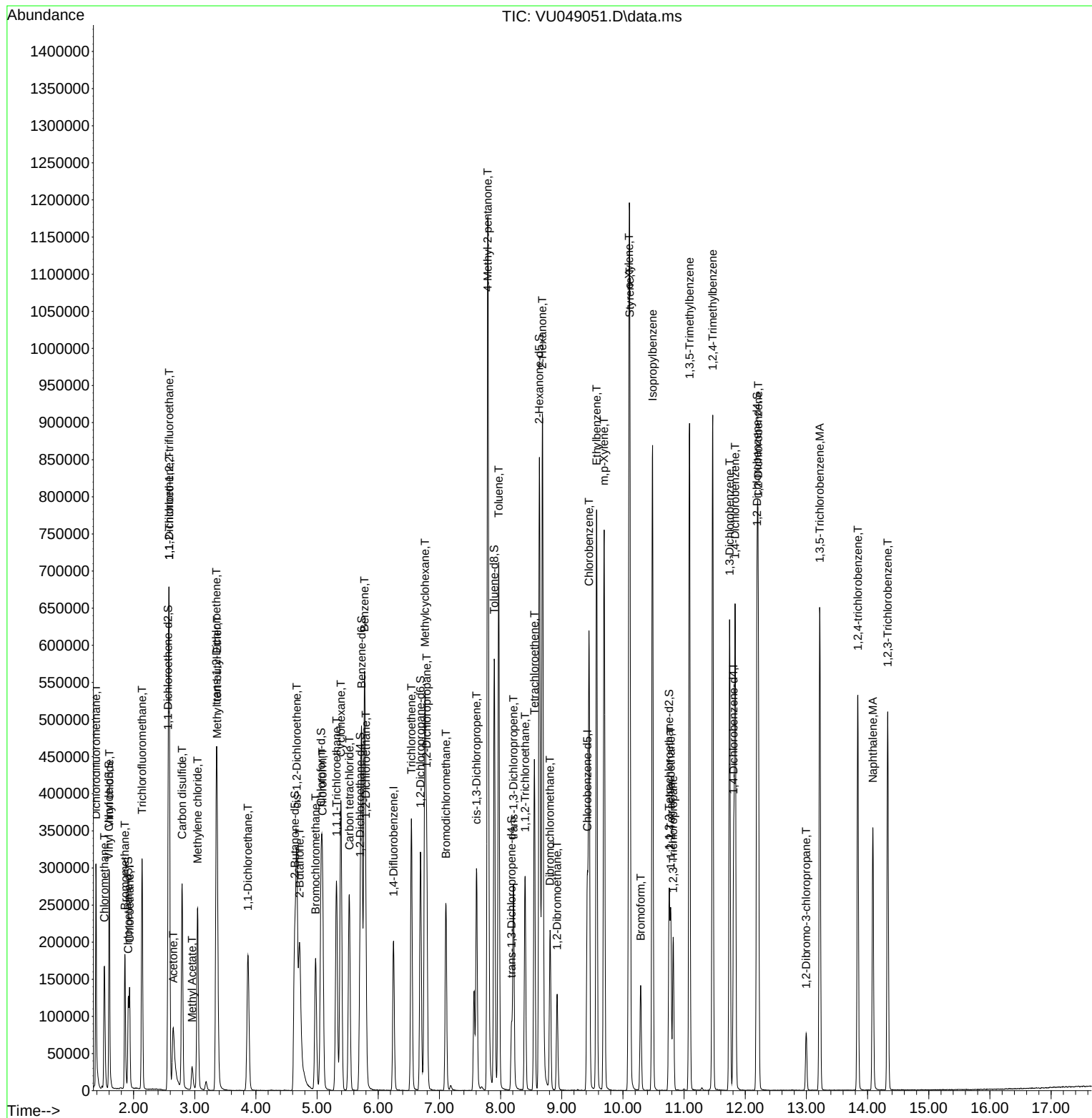
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	88996	11.379	ug/L	97
47) Tetrachloroethene	8.552	164	98250	12.067	ug/L	97
48) 2-Hexanone	8.684	43	596090	120.506	ug/L	99
49) Dibromochloromethane	8.809	129	110683	11.424	ug/L	98
50) 1,2-Dibromoethane	8.925	107	86374	11.166	ug/L	98
51) Chlorobenzene	9.446	112	323207	12.014	ug/L	100
52) Ethylbenzene	9.571	91	544110	12.990	ug/L	98
53) m,p-Xylene	9.693	106	220579	13.387	ug/L	98
54) o-Xylene	10.099	106	212239	13.167	ug/L	94
55) Styrene	10.115	104	360007	13.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	113441	10.851	ug/L	99
59) Bromoform	10.291	173	65451	10.954	ug/L	100
60) Isopropylbenzene	10.484	105	556156	13.749	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	85137	11.547	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	483098	17.307	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	491342	14.579	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	262307	12.045	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	257040	11.672	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	251704	11.685	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	20633	11.819	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	205891	11.415	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	162745	10.497	ug/L	99
71) Naphthalene	14.086	128	288737	10.183	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	157336	10.530	ug/L	98

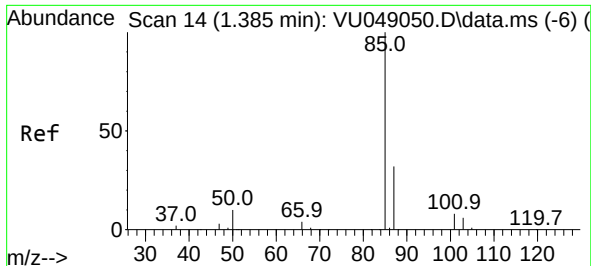
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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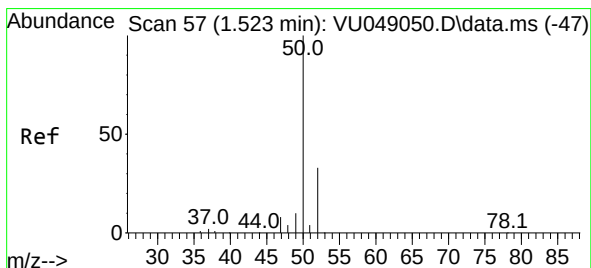
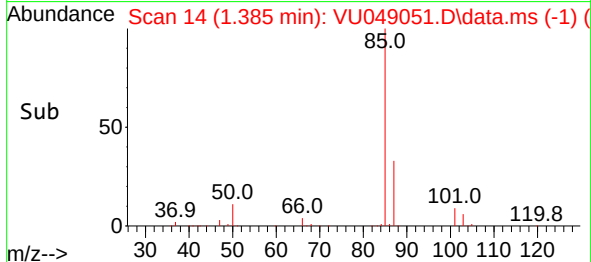
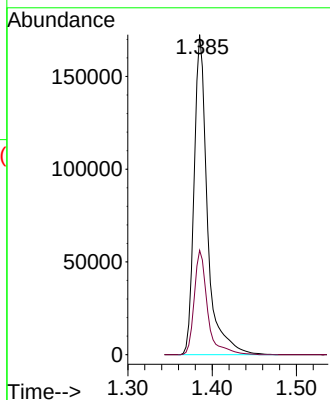
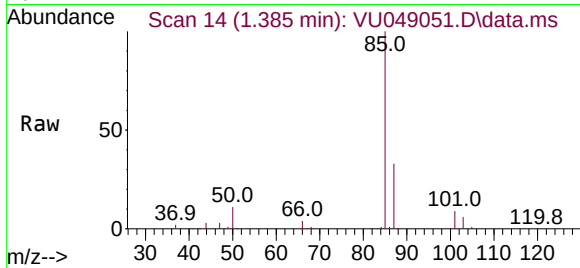




#2
Dichlorodifluoromethane
Concen: 15.809 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

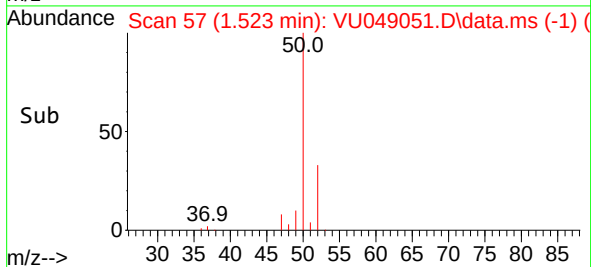
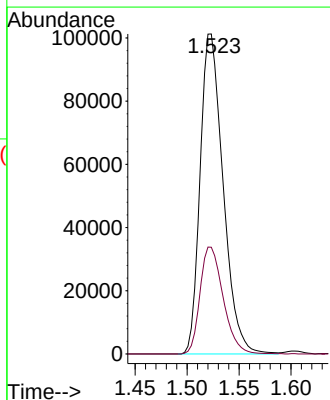
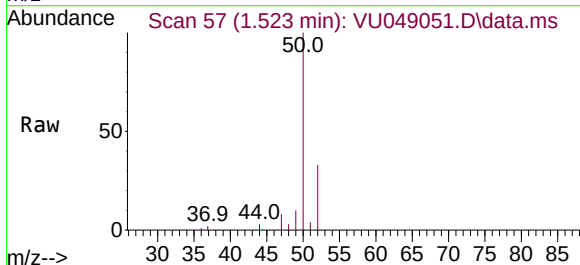
Instrument :
MSVOA_U
ClientSampleId :

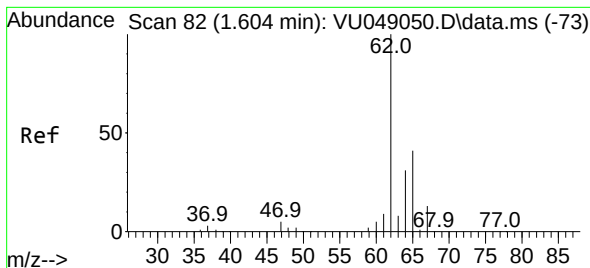
Tgt Ion: 85 Resp: 189291
Ion Ratio Lower Upper
85 100
87 32.7 25.4 38.0



#3
Chloromethane
Concen: 13.942 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 50 Resp: 155717
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.0





#5

Vinyl chloride

Concen: 13.255 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

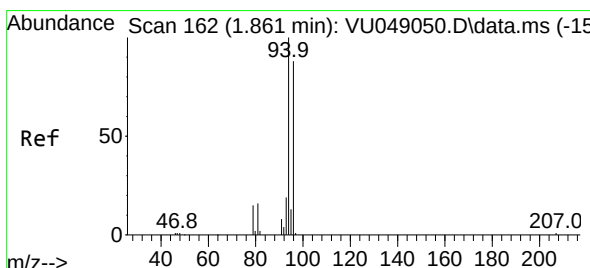
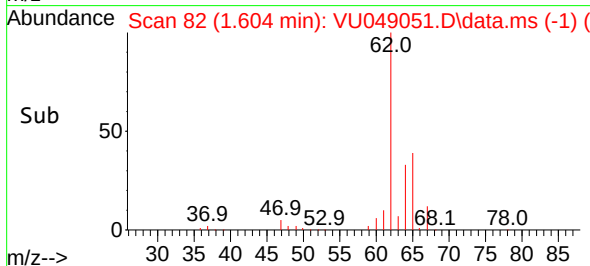
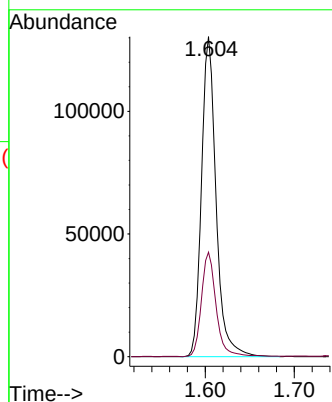
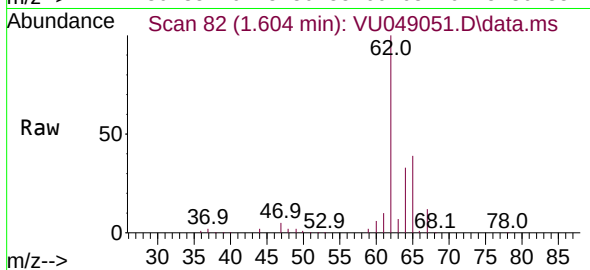
ClientSampleId :

Tgt Ion: 62 Resp: 148126

Ion Ratio Lower Upper

62 100

64 32.6 21.5 39.9



#6

Bromomethane

Concen: 14.992 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU049051.D

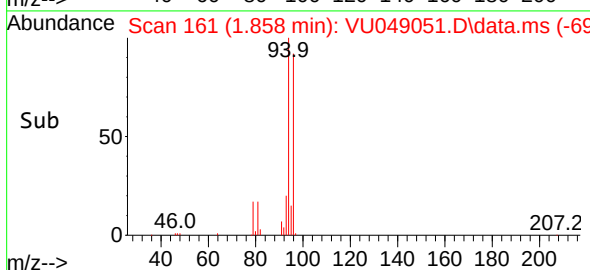
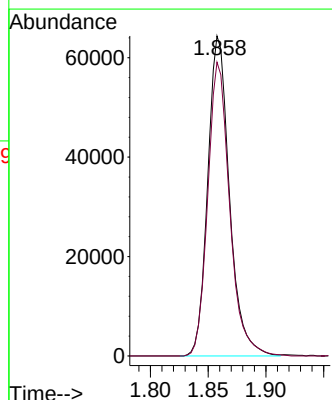
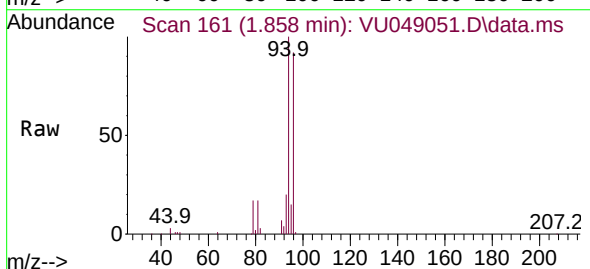
Acq: 11 Jun 2022 13:42

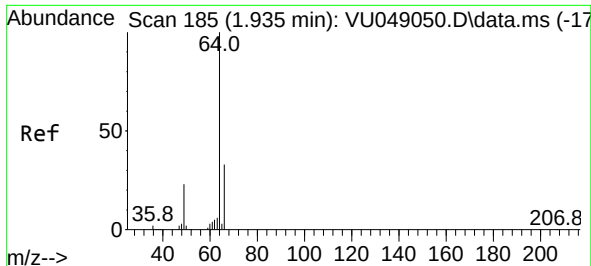
Tgt Ion: 94 Resp: 84201

Ion Ratio Lower Upper

94 100

96 91.8 61.9 114.9

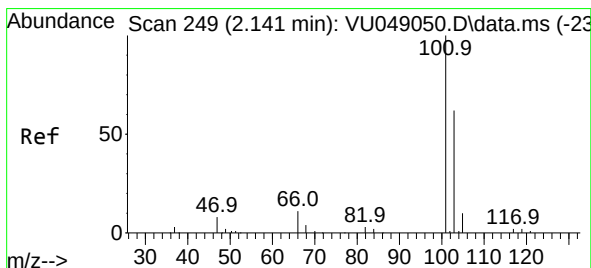
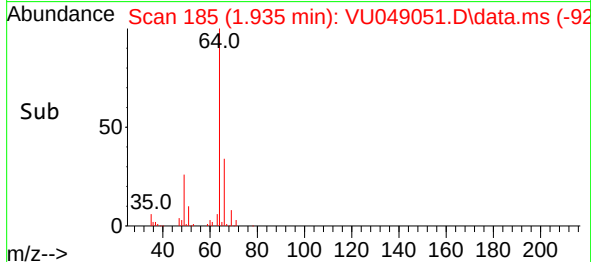
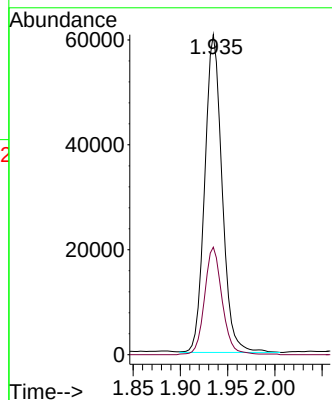
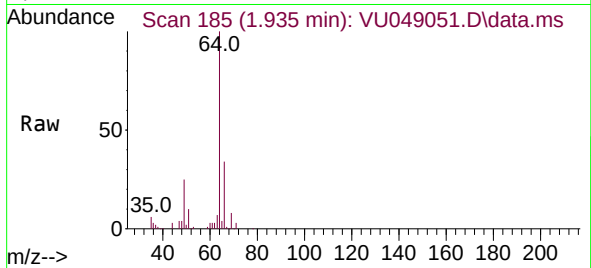




#8
Chloroethane
Concen: 11.864 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

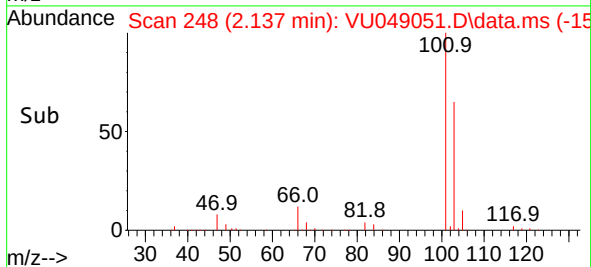
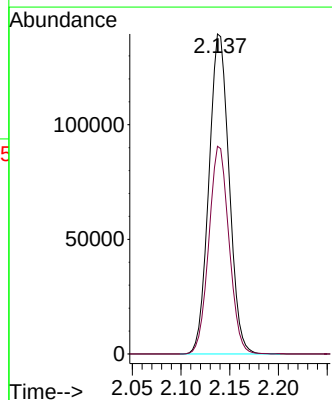
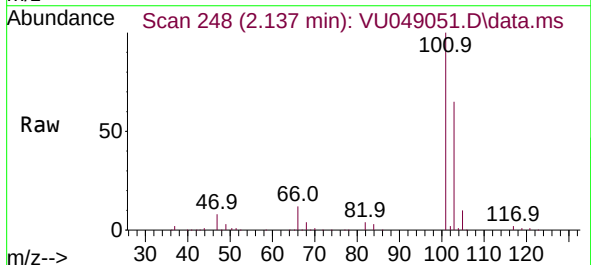
Instrument :
MSVOA_U
ClientSampleId :

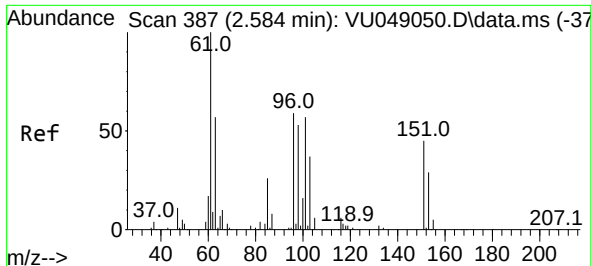
Tgt Ion: 64 Resp: 77363
Ion Ratio Lower Upper
64 100
66 33.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 13.674 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion:101 Resp: 201543
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 12.184 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

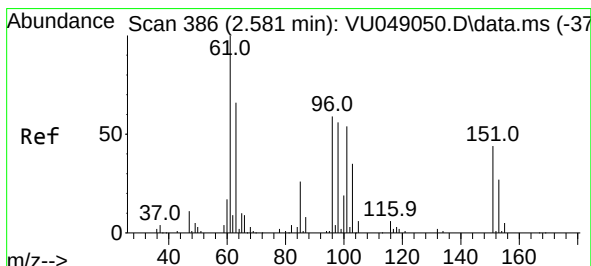
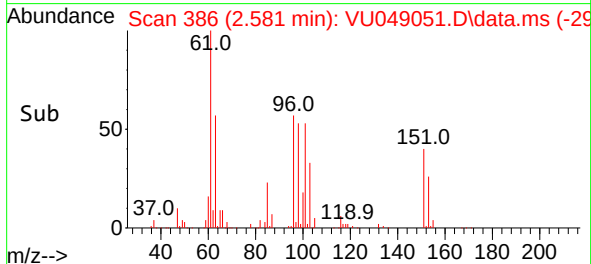
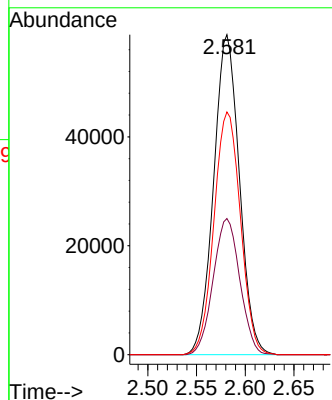
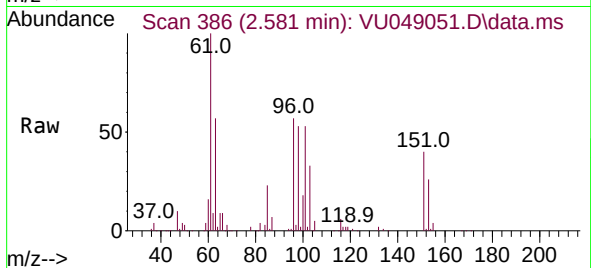
Tgt Ion:101 Resp: 108172

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

151 77.9 60.7 91.1



#12

1,1-Dichloroethene

Concen: 12.040 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

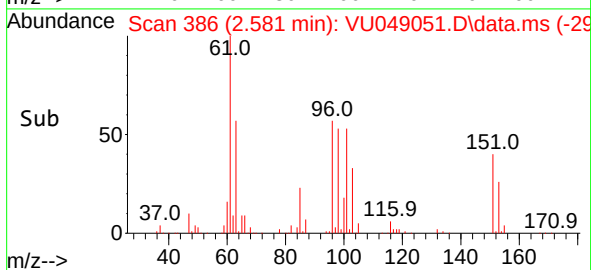
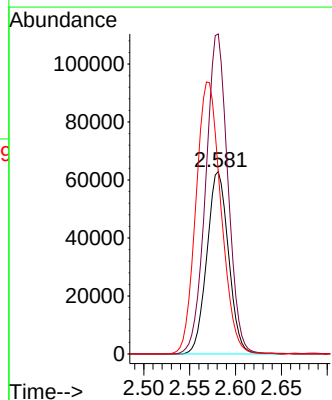
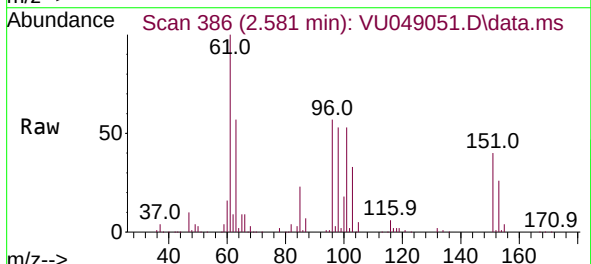
Tgt Ion: 96 Resp: 103086

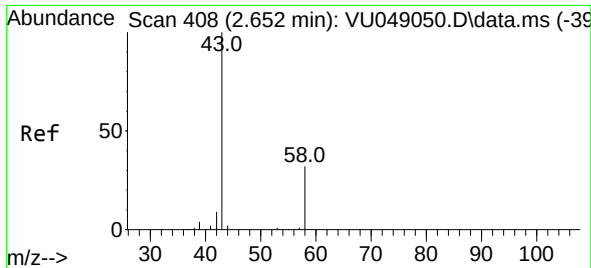
Ion Ratio Lower Upper

96 100

61 175.5 118.9 220.7

63 99.8 81.8 151.8





#13

Acetone

Concen: 126.097 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

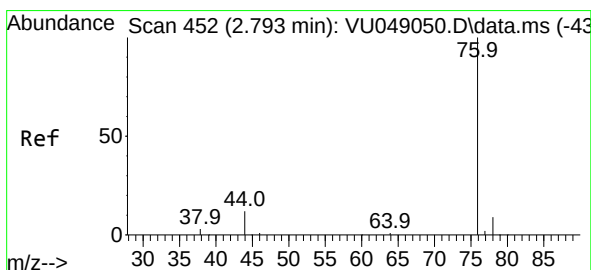
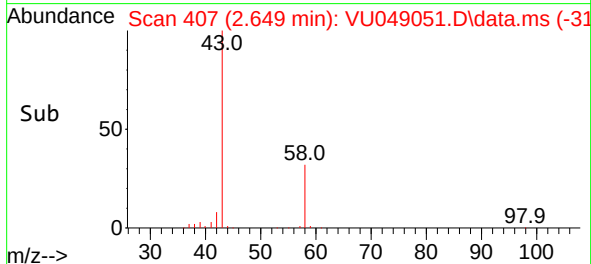
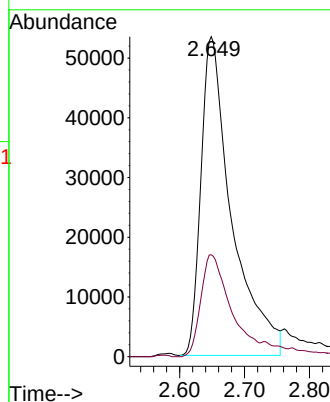
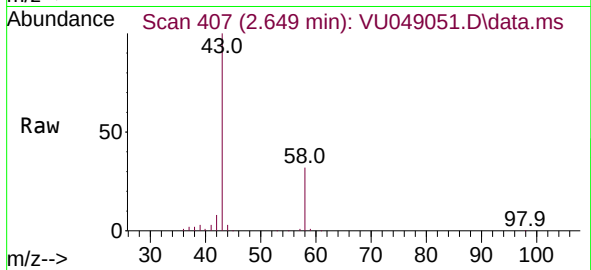
ClientSampleId :

Tgt Ion: 43 Resp: 175374

Ion Ratio Lower Upper

43 100

58 30.9 0.0 67.0



#14

Carbon disulfide

Concen: 13.220 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049051.D

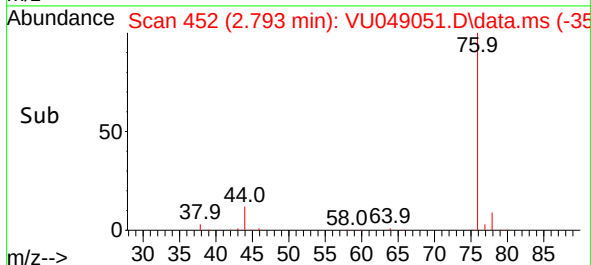
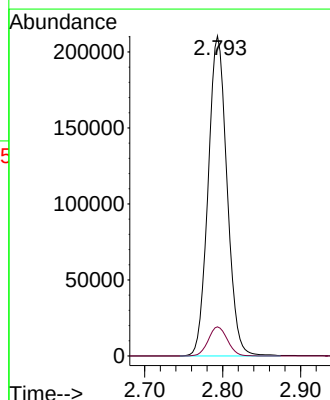
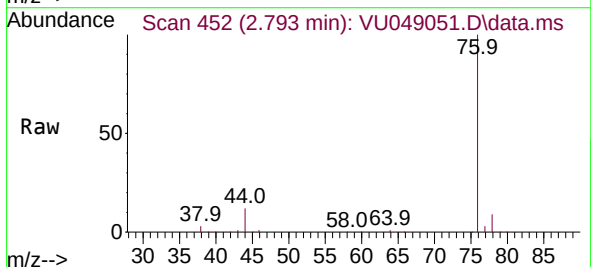
Acq: 11 Jun 2022 13:42

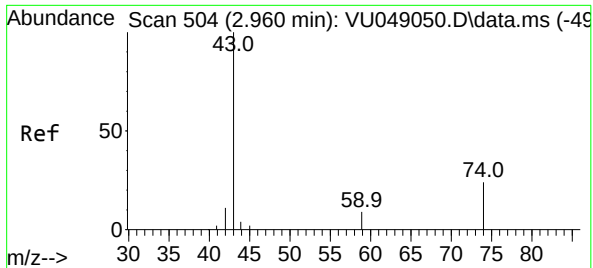
Tgt Ion: 76 Resp: 354695

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

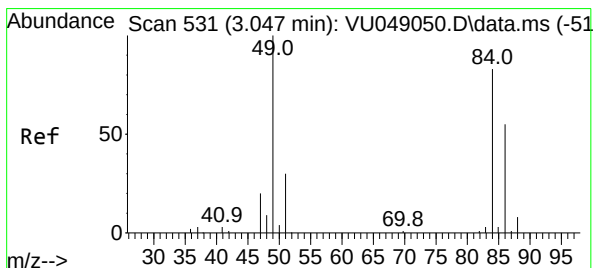
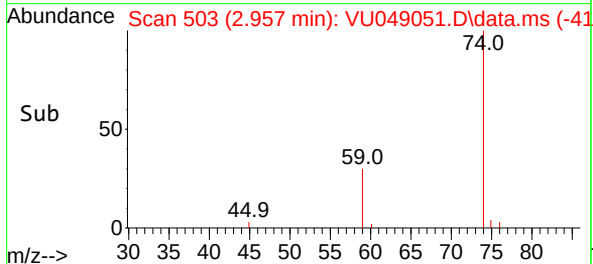
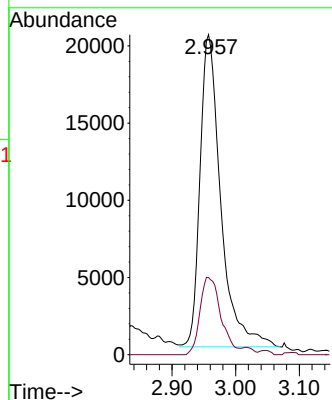
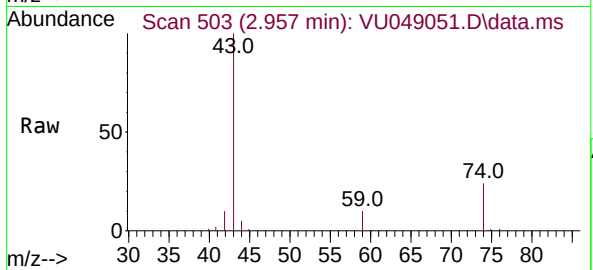




#15
Methyl Acetate
Concen: 12.444 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

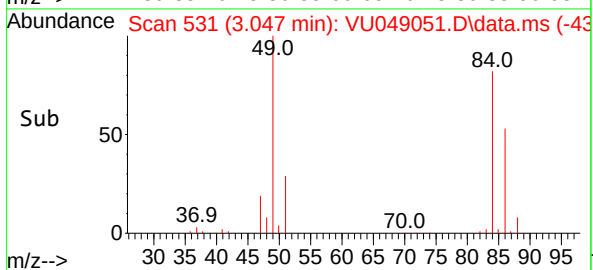
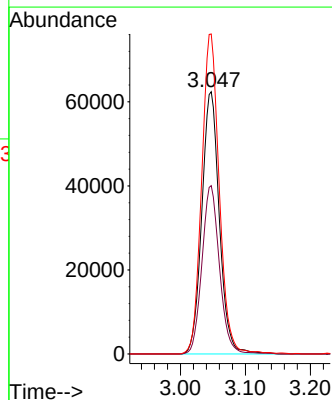
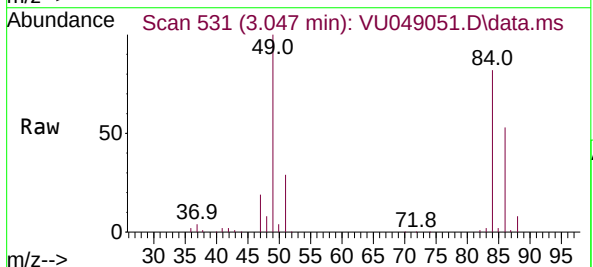
Instrument :
MSVOA_U
ClientSampleId :

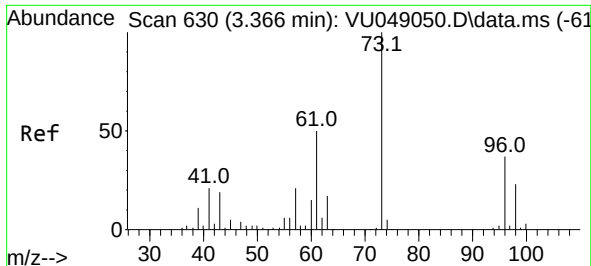
Tgt Ion: 43 Resp: 45783
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7



#16
Methylene chloride
Concen: 9.507 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 84 Resp: 117325
Ion Ratio Lower Upper
84 100
86 64.2 46.1 85.7
49 122.0 84.5 156.9

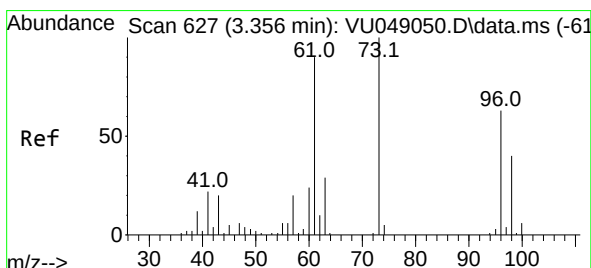
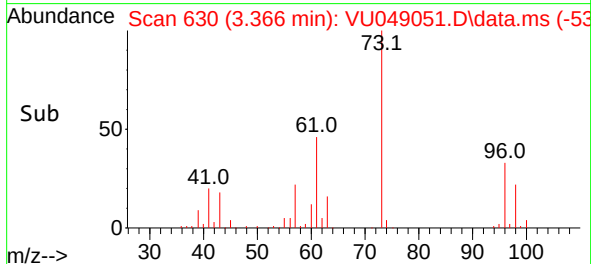
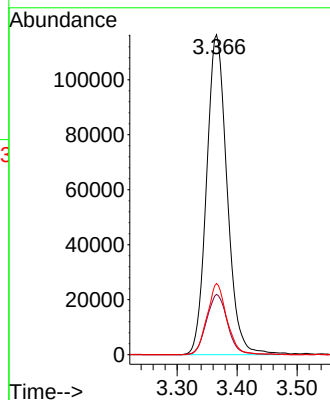
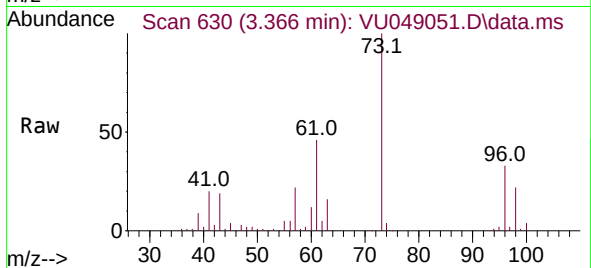




#17
Methyl tert-butyl Ether
Concen: 12.490 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

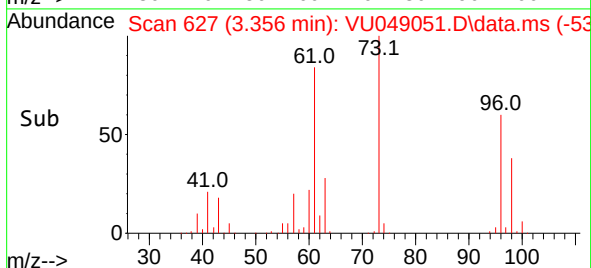
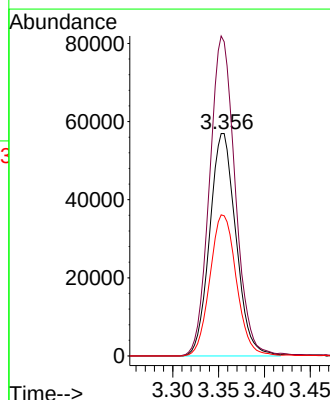
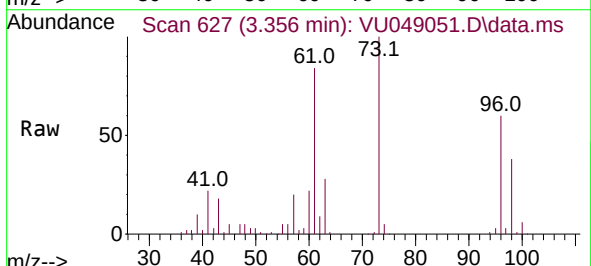
Instrument :
MSVOA_U
ClientSampleId :

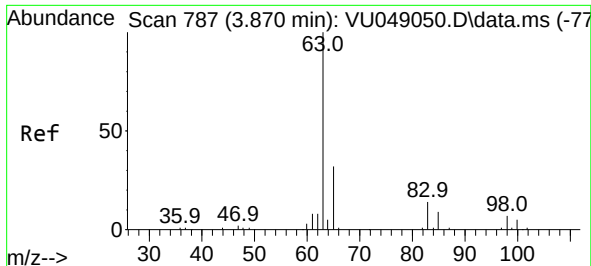
Tgt Ion: 73 Resp: 276588
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 21.4 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 12.201 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

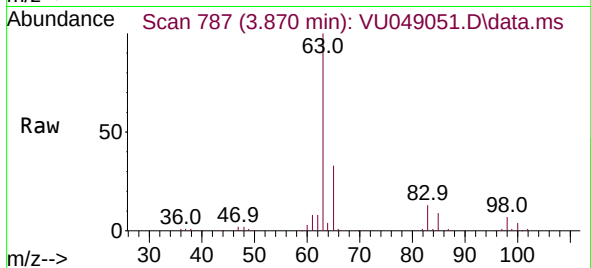
Tgt Ion: 96 Resp: 113388
Ion Ratio Lower Upper
96 100
61 141.2 99.1 184.1
98 63.0 44.1 81.9



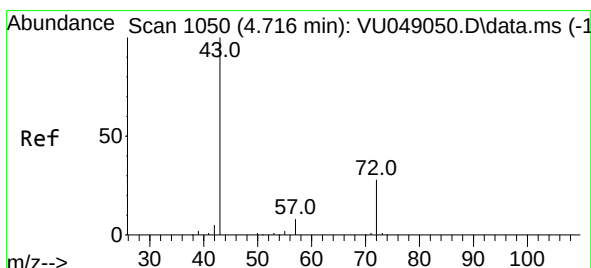
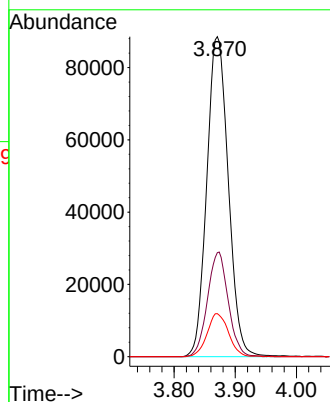
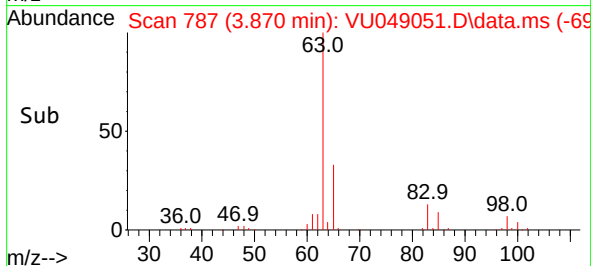


#19
1,1-Dichloroethane
Concen: 13.049 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Instrument :
MSVOA_U
ClientSampleId :

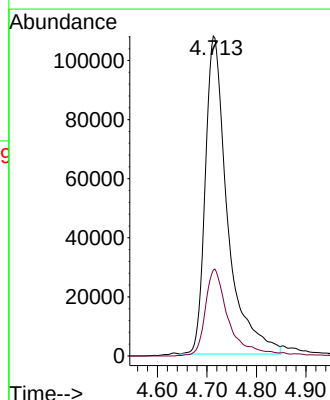
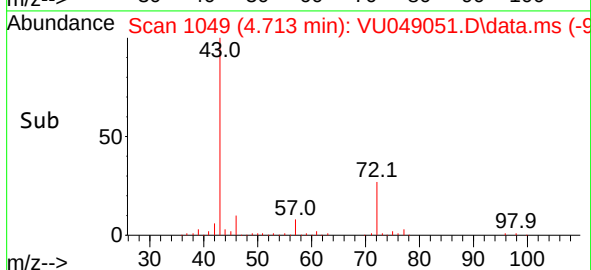
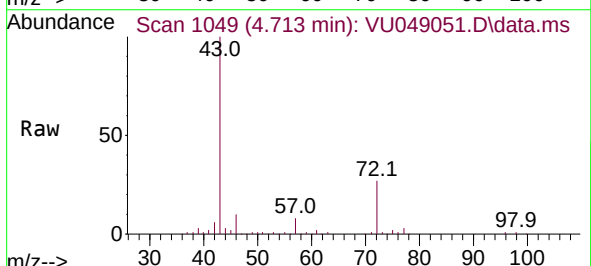


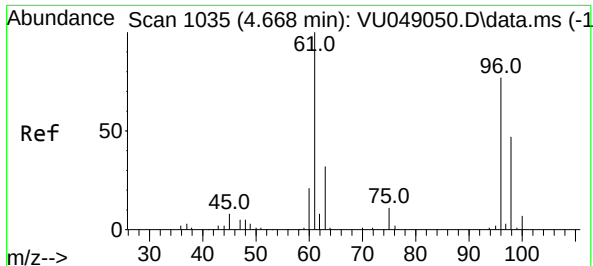
Tgt Ion: 63 Resp: 216724
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.5 9.7 17.9



#21
2-Butanone
Concen: 133.269 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 43 Resp: 335783
Ion Ratio Lower Upper
43 100
72 28.5 14.1 42.2

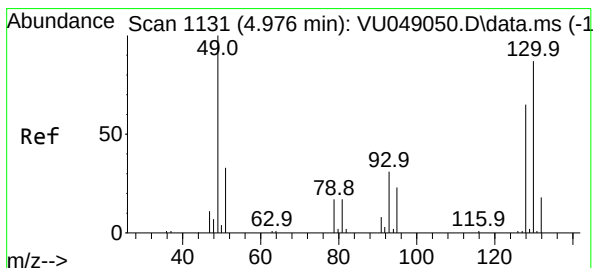
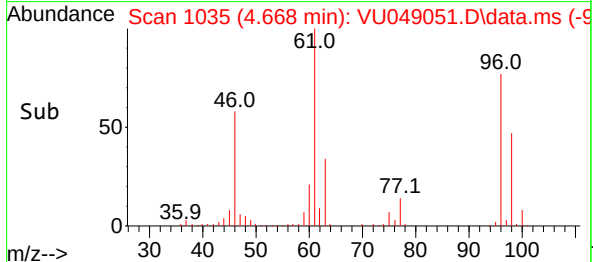
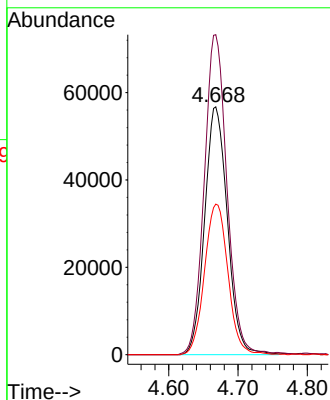
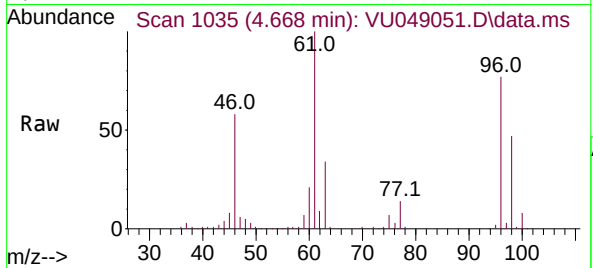




#22
 cis-1,2-Dichloroethene
 Concen: 12.631 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42

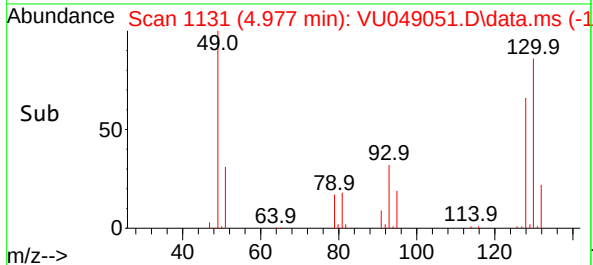
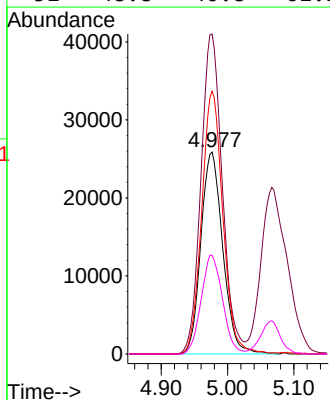
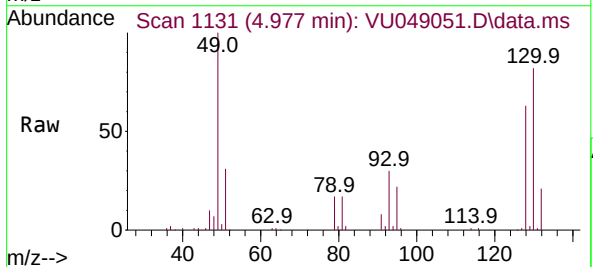
Instrument :
 MSVOA_U
 ClientSampleId :

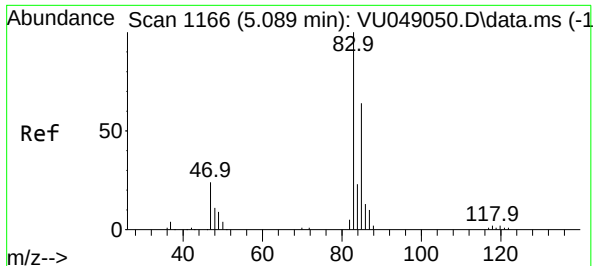
Tgt Ion: 96 Resp: 129534
 Ion Ratio Lower Upper
 96 100
 61 129.1 91.1 169.1
 98 60.8 43.0 80.0



#23
 Bromochloromethane
 Concen: 11.700 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42

Tgt Ion: 128 Resp: 59254
 Ion Ratio Lower Upper
 128 100
 49 158.5 106.9 198.5
 130 130.1 93.0 172.6
 51 48.8 40.8 61.2





#25

Chloroform

Concen: 12.544 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

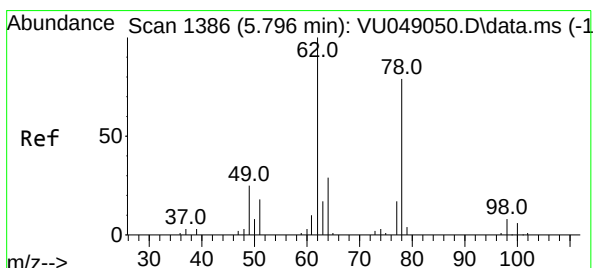
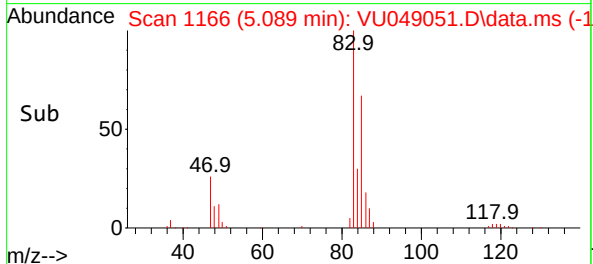
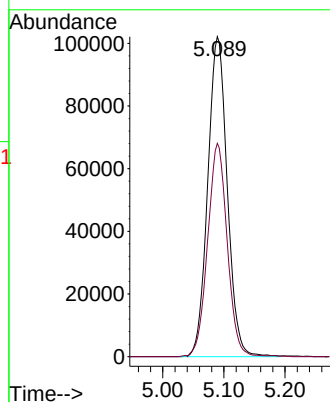
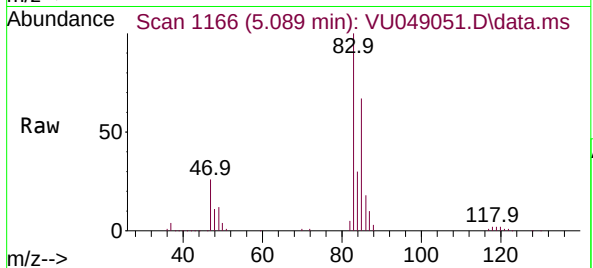
ClientSampleId :

Tgt Ion: 83 Resp: 226346

Ion Ratio Lower Upper

83 100

85 66.7 44.7 83.1



#27

1,2-Dichloroethane

Concen: 12.745 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049051.D

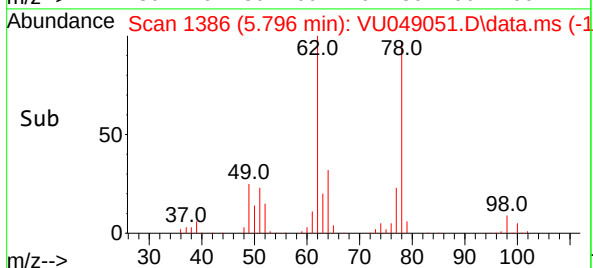
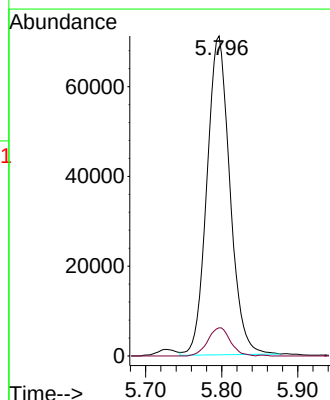
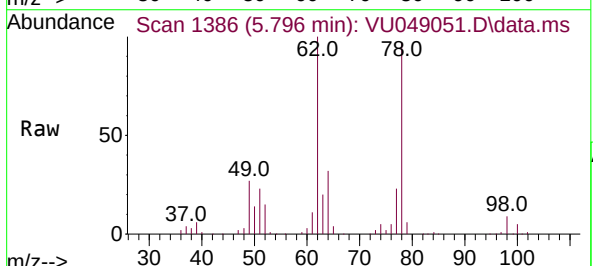
Acq: 11 Jun 2022 13:42

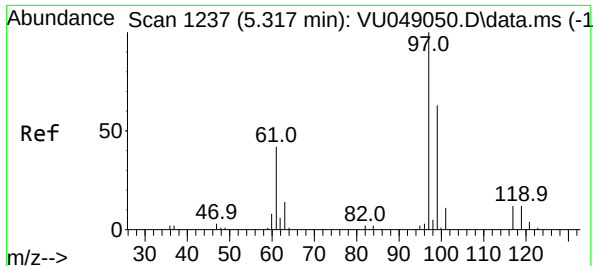
Tgt Ion: 62 Resp: 148899

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 14.038 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

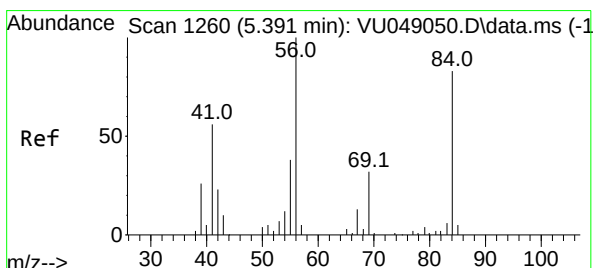
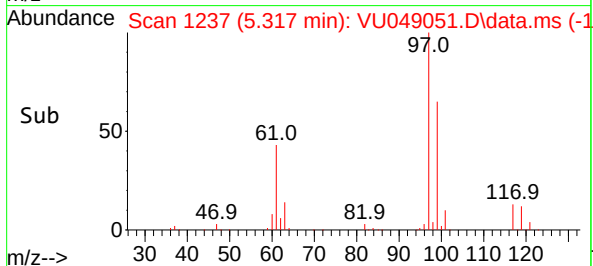
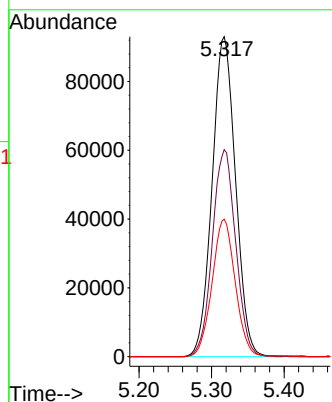
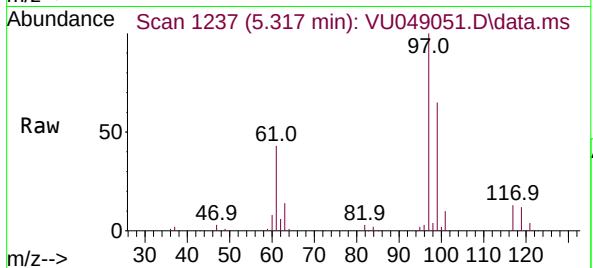
Tgt Ion: 97 Resp: 209099

Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 42.4 33.2 49.8



#30

Cyclohexane

Concen: 15.192 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

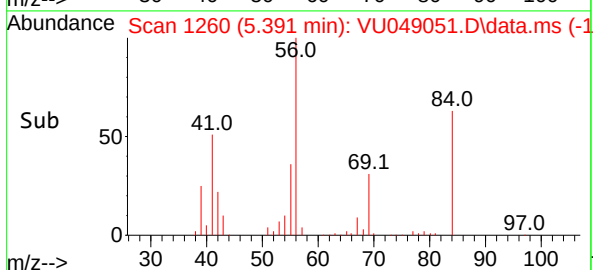
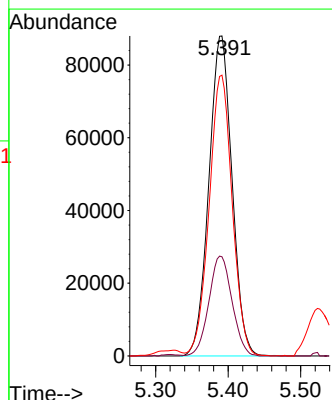
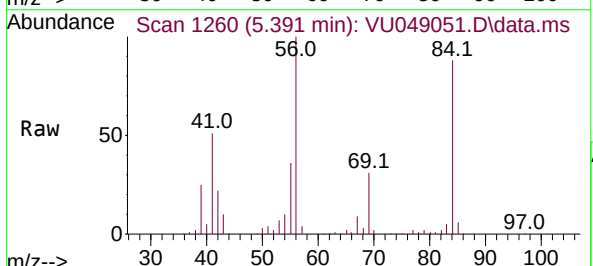
Tgt Ion: 56 Resp: 195204

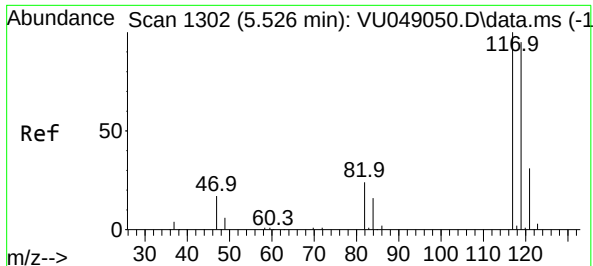
Ion Ratio Lower Upper

56 100

69 31.2 24.6 36.8

84 87.6 68.8 103.2

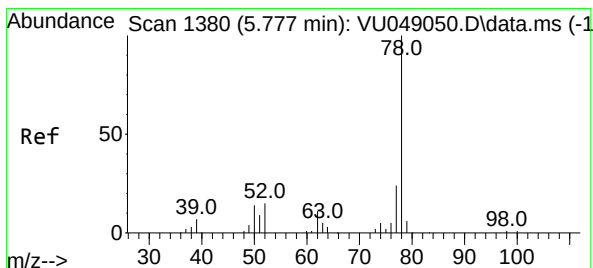
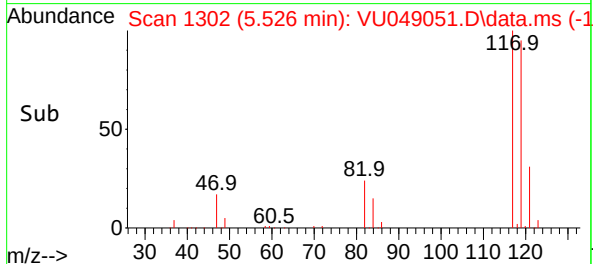
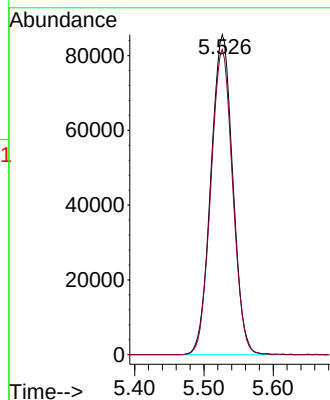
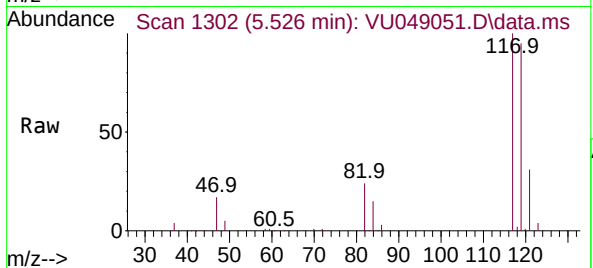




#31
Carbon tetrachloride
Concen: 14.361 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

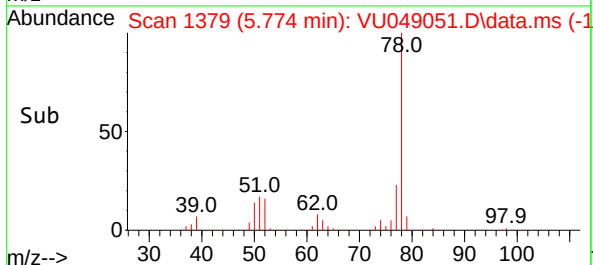
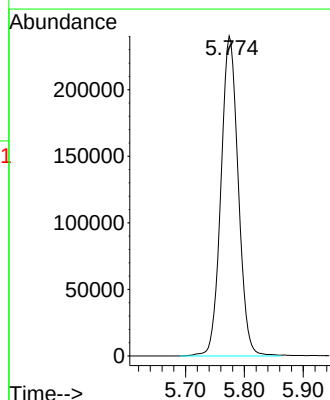
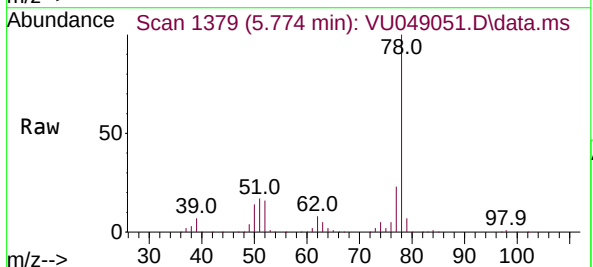
Instrument :
MSVOA_U
ClientSampleId :

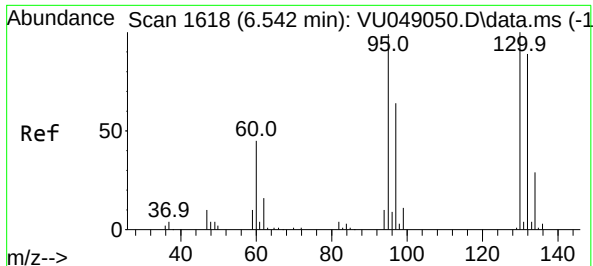
Tgt Ion:117 Resp: 187848
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 13.293 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 78 Resp: 491317

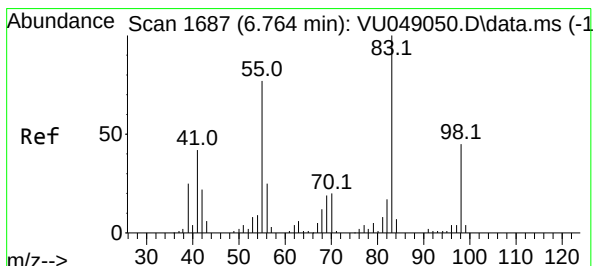
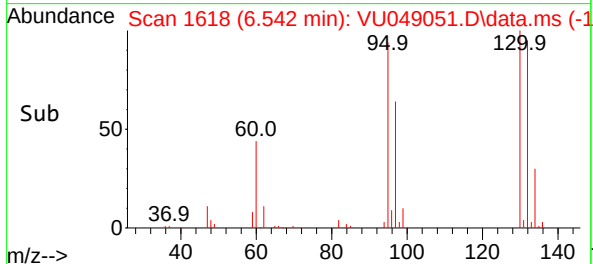
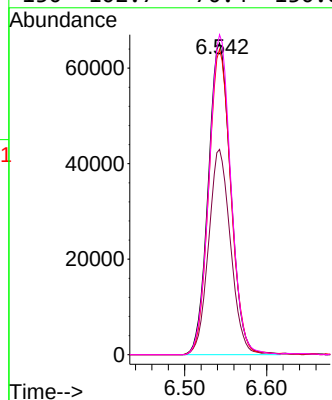
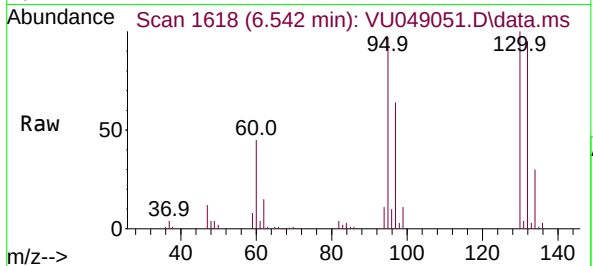




#34
Trichloroethene
Concen: 12.790 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

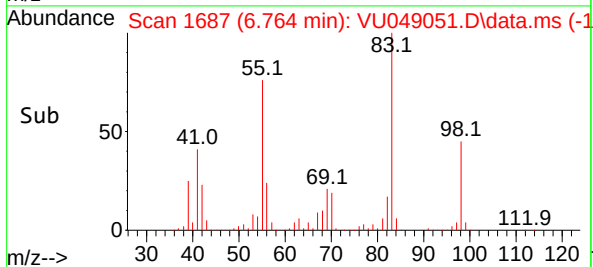
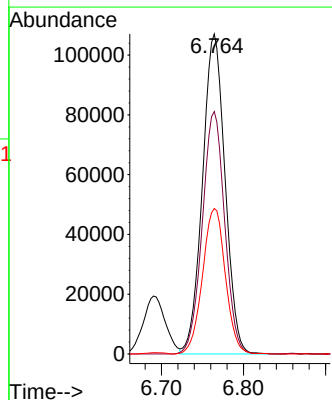
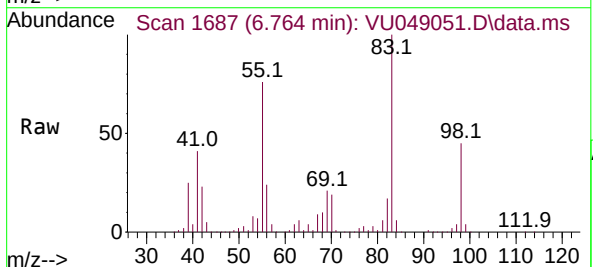
Instrument :
MSVOA_U
ClientSampleId :

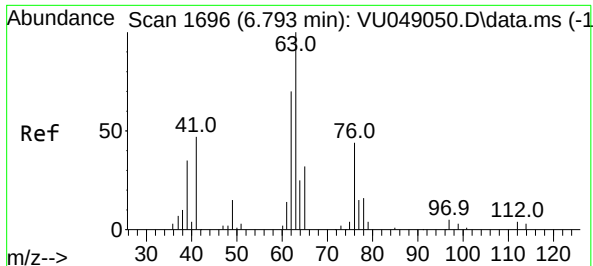
Tgt Ion: 95 Resp: 124617
Ion Ratio Lower Upper
95 100
97 65.9 44.9 83.5
132 98.0 62.8 116.6
130 102.7 70.4 130.8



#35
Methylcyclohexane
Concen: 14.420 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 83 Resp: 204915
Ion Ratio Lower Upper
83 100
55 75.1 60.6 90.8
98 46.0 35.8 53.8





#37

1,2-Dichloropropane

Concen: 13.022 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

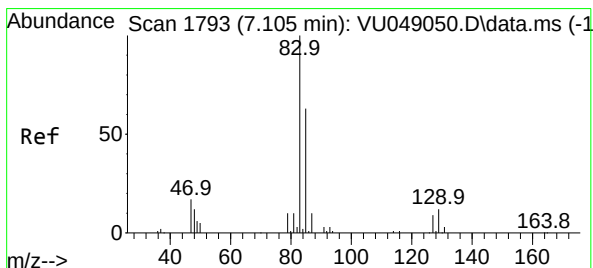
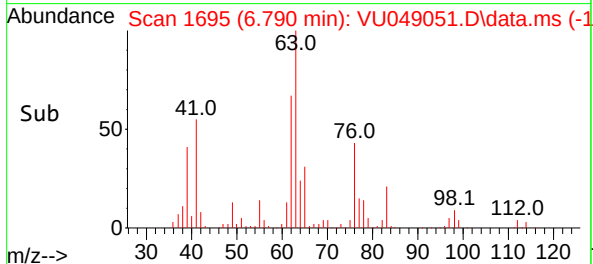
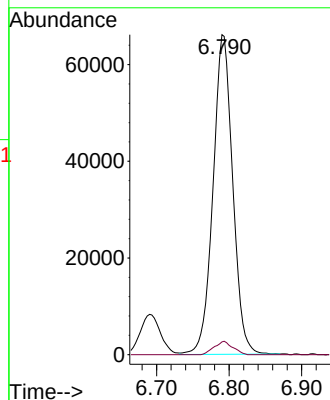
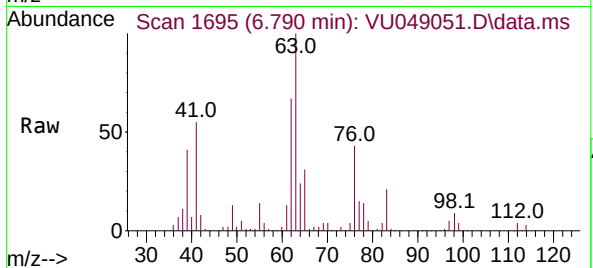
ClientSampleId :

Tgt Ion: 63 Resp: 124495

Ion Ratio Lower Upper

63 100

112 4.0 2.8 4.2



#38

Bromodichloromethane

Concen: 12.746 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

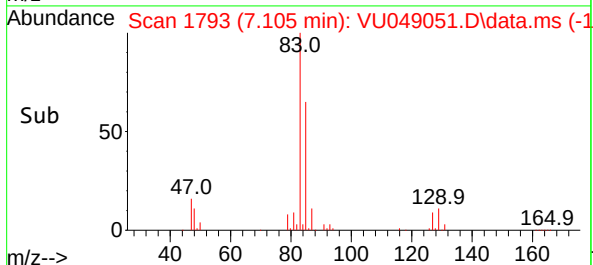
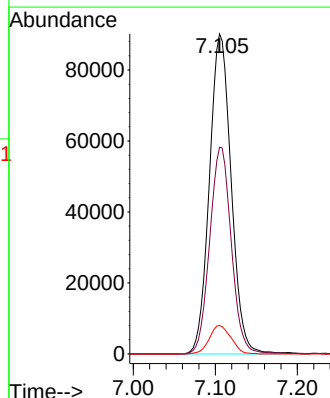
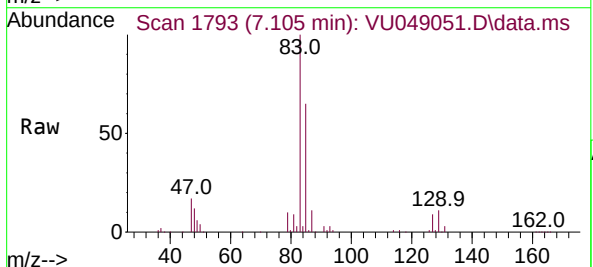
Tgt Ion: 83 Resp: 165911

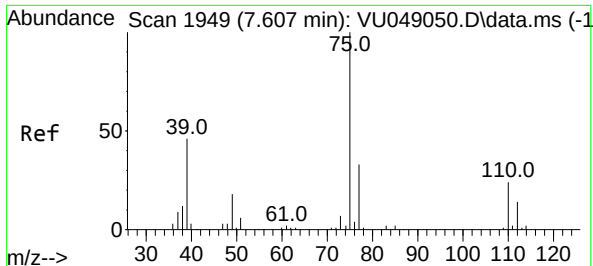
Ion Ratio Lower Upper

83 100

85 64.6 43.8 81.4

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 12.189 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

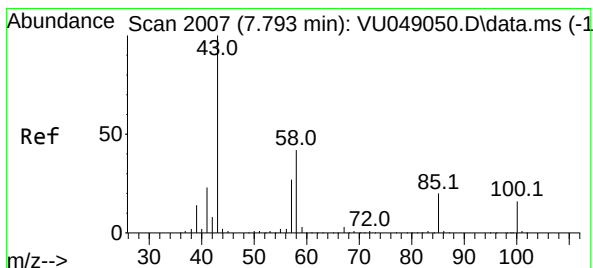
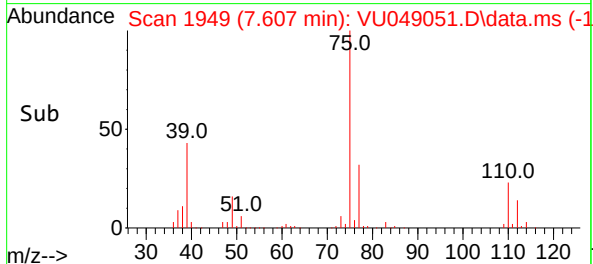
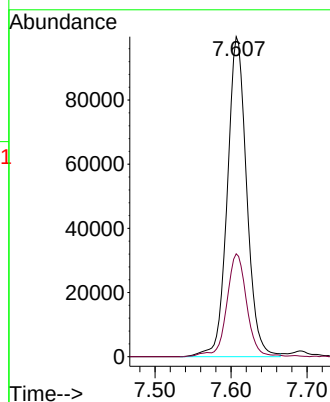
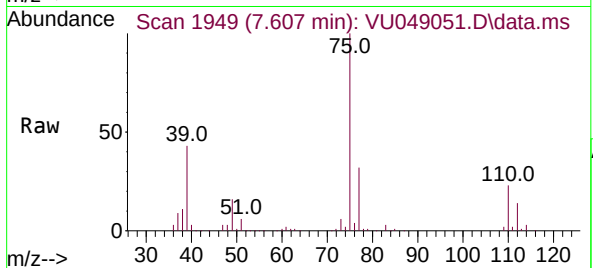
ClientSampleId :

Tgt Ion: 75 Resp: 176383

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 121.265 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

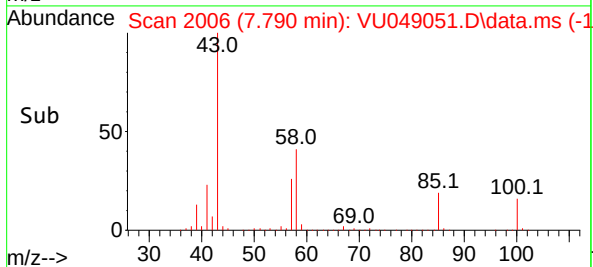
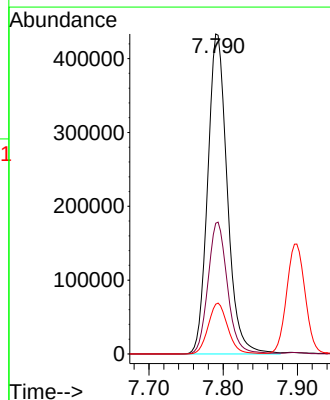
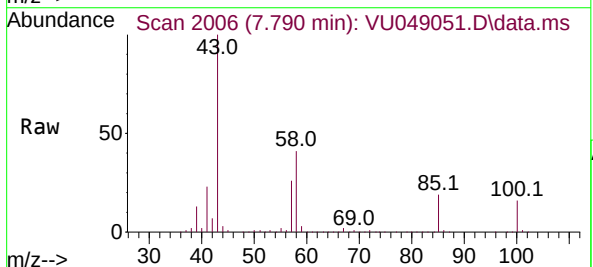
Tgt Ion: 43 Resp: 791859

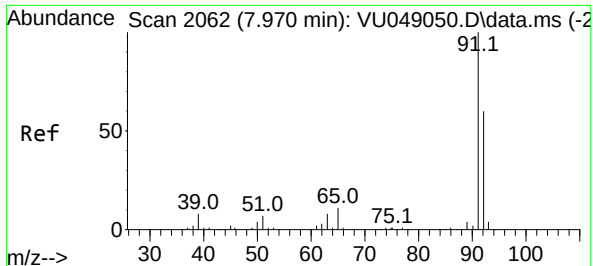
Ion Ratio Lower Upper

43 100

58 41.1 32.6 49.0

100 15.9 12.6 18.8





#42

Toluene

Concen: 12.637 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

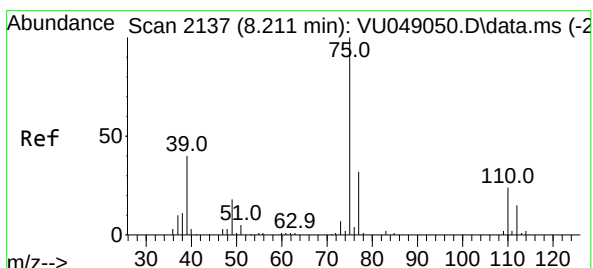
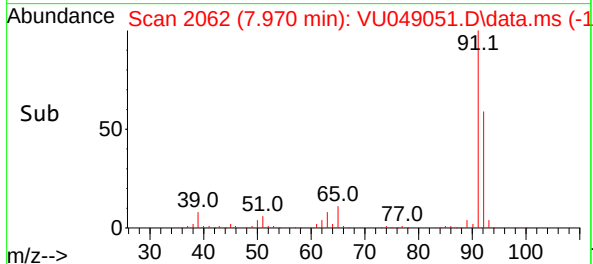
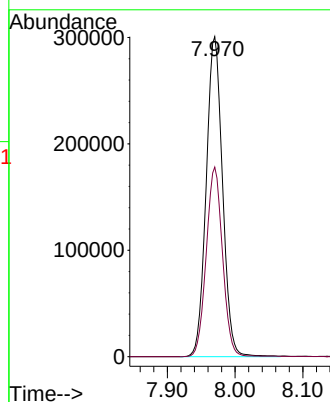
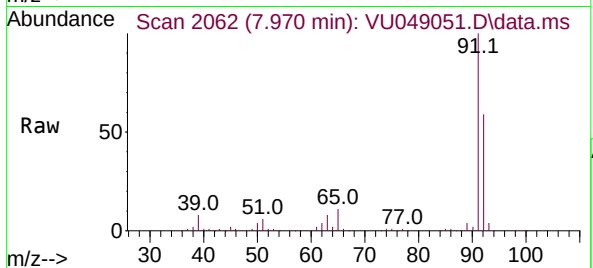
ClientSampleId :

Tgt Ion: 91 Resp: 503669

Ion Ratio Lower Upper

91 100

92 59.3 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 12.305 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049051.D

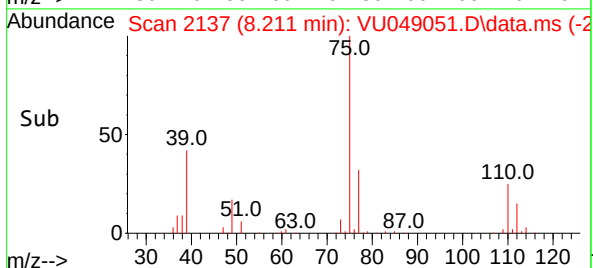
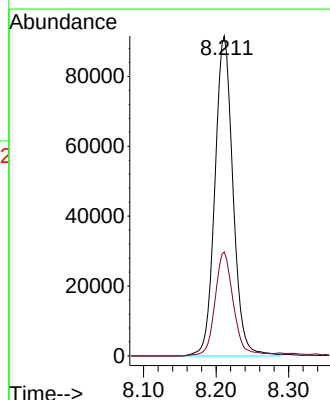
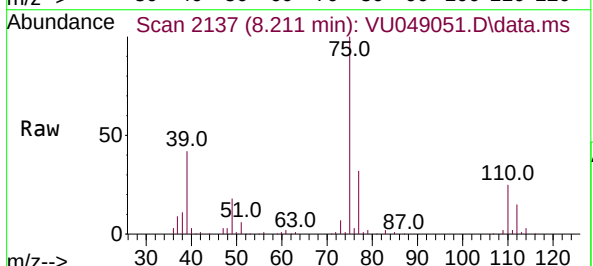
Acq: 11 Jun 2022 13:42

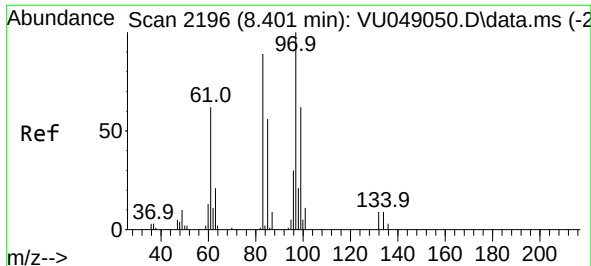
Tgt Ion: 75 Resp: 159010

Ion Ratio Lower Upper

75 100

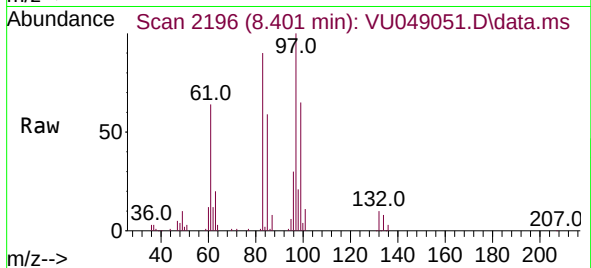
77 32.5 22.6 42.0



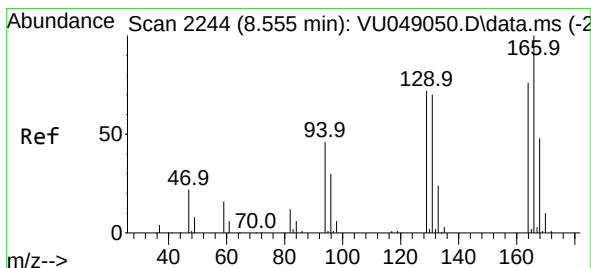
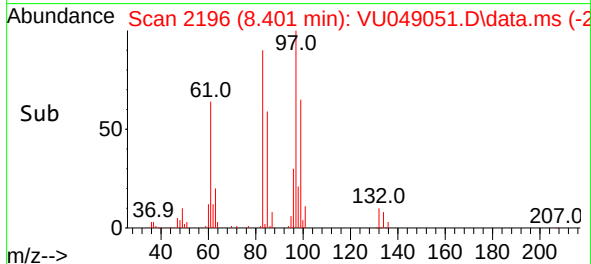
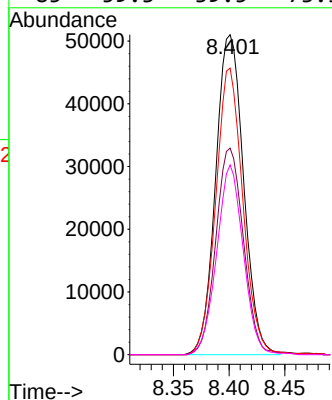


#45
1,1,2-Trichloroethane
Concen: 11.379 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Instrument :
MSVOA_U
ClientSampleId :

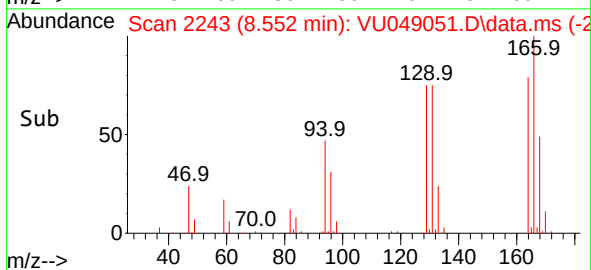
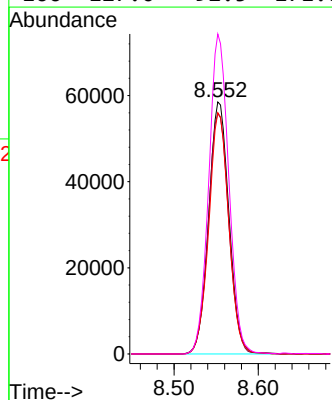
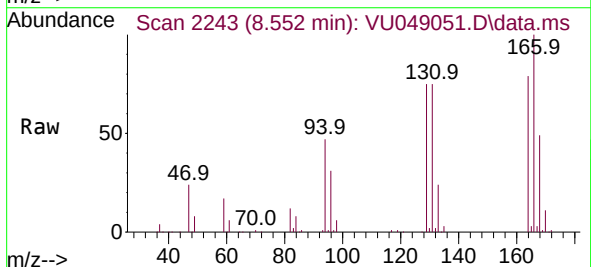


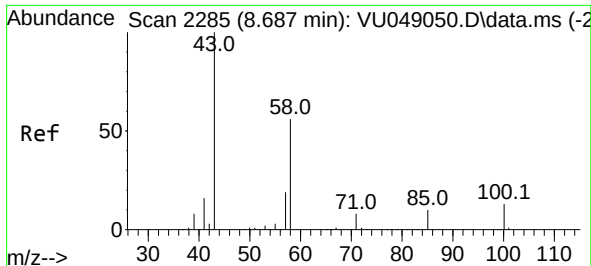
Tgt Ion: 97 Resp: 88996
Ion Ratio Lower Upper
97 100
99 64.6 43.3 80.5
83 89.6 62.1 115.3
85 59.3 39.5 73.3



#47
Tetrachloroethene
Concen: 12.067 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 164 Resp: 98250
Ion Ratio Lower Upper
164 100
129 95.4 67.0 124.4
131 95.7 65.0 120.8
166 127.0 92.5 171.7

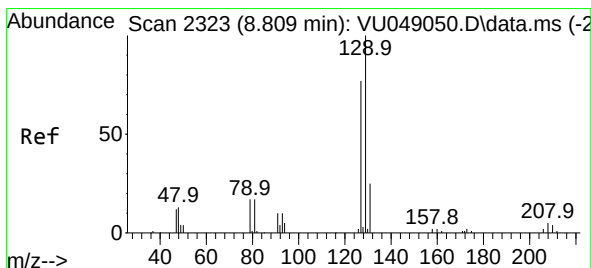
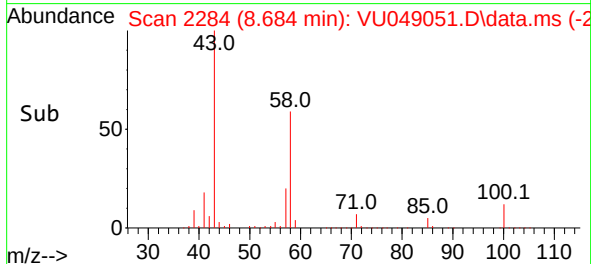
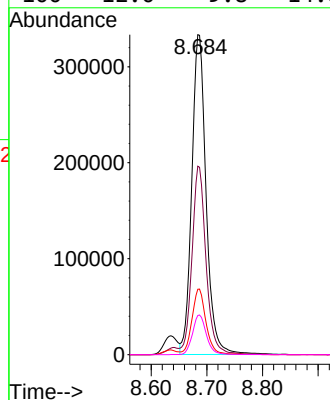
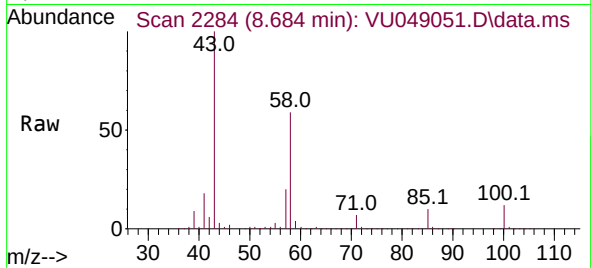




#48
2-Hexanone
Concen: 120.506 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

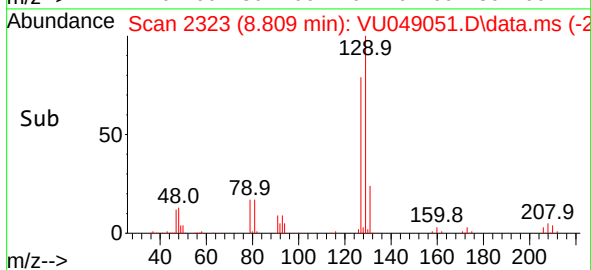
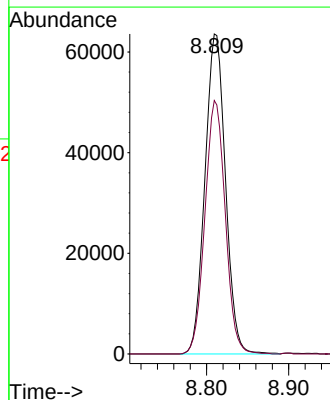
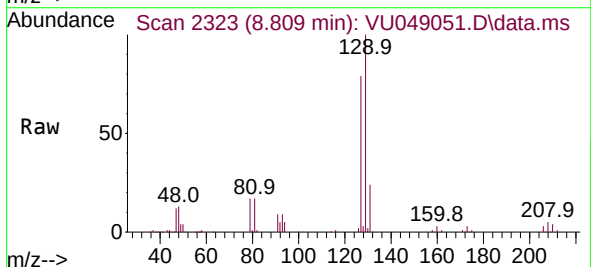
Instrument :
MSVOA_U
ClientSampleId :

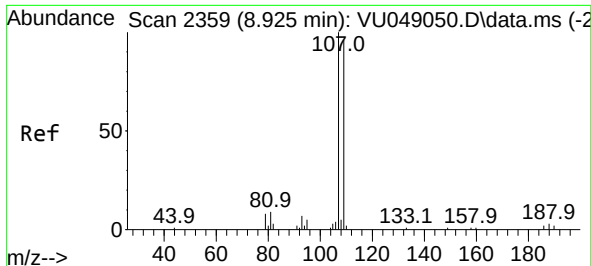
Tgt Ion: 43 Resp: 596090
Ion Ratio Lower Upper
43 100
58 57.4 45.0 67.4
57 20.0 15.9 23.9
100 12.0 9.8 14.8



#49
Dibromochloromethane
Concen: 11.424 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 129 Resp: 110683
Ion Ratio Lower Upper
129 100
127 79.2 54.1 100.5





#50

1,2-Dibromoethane

Concen: 11.166 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU049051.D

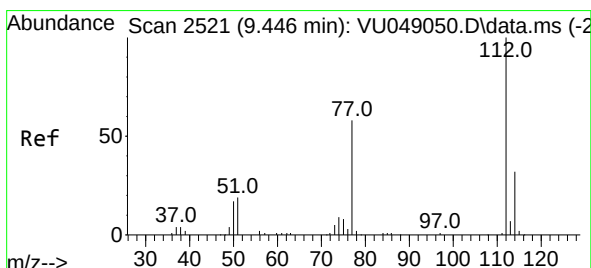
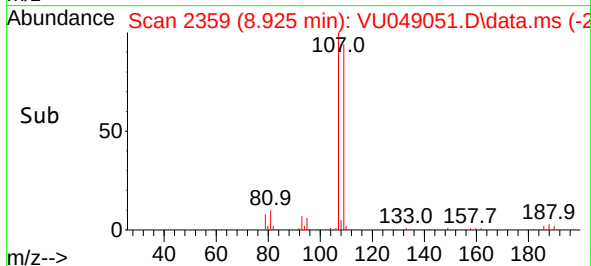
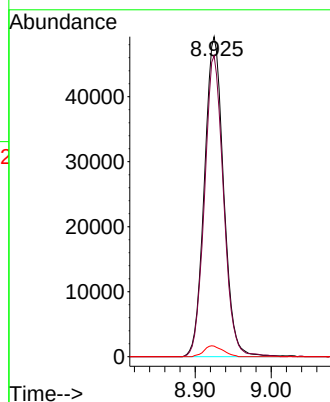
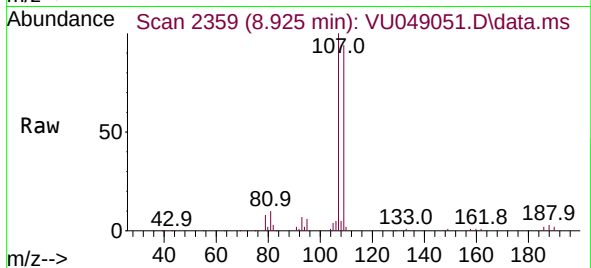
Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	86374
Ion Ratio	Lower	Upper
107	100	
109	94.1	67.0 124.4
188	3.3	2.7 4.1



#51

Chlorobenzene

Concen: 12.014 ug/L

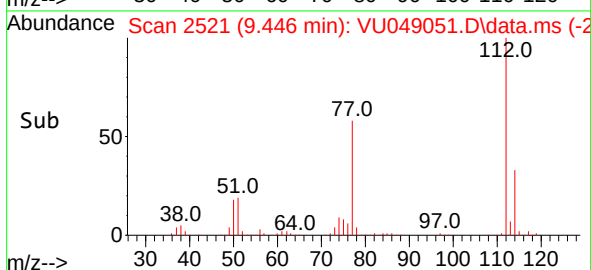
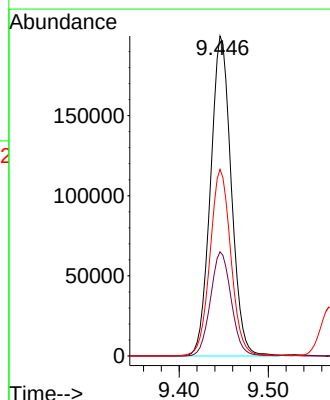
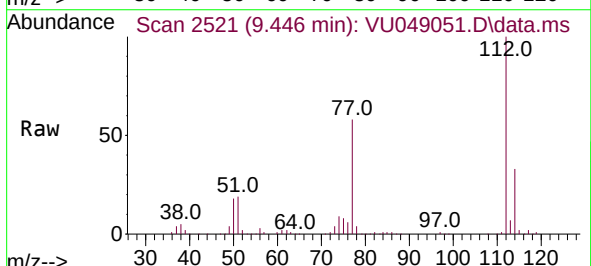
RT: 9.446 min Scan# 2521

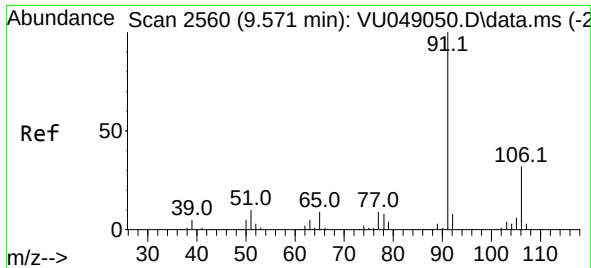
Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Tgt Ion:112	Resp:	323207
Ion Ratio	Lower	Upper
112	100	
114	32.6	22.4 41.6
77	58.3	46.6 70.0

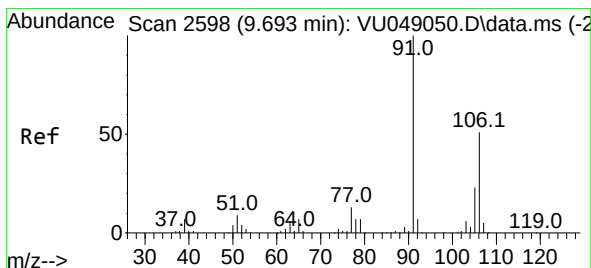
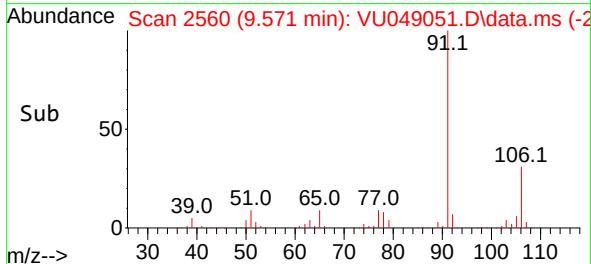
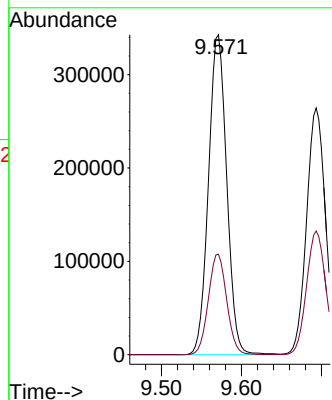
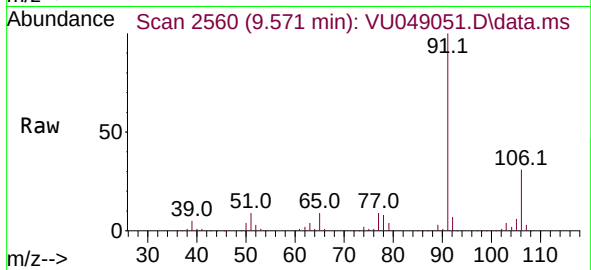




#52
Ethylbenzene
Concen: 12.990 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

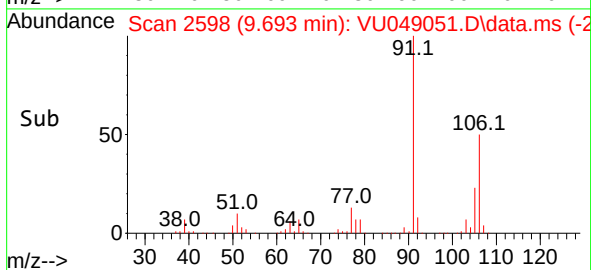
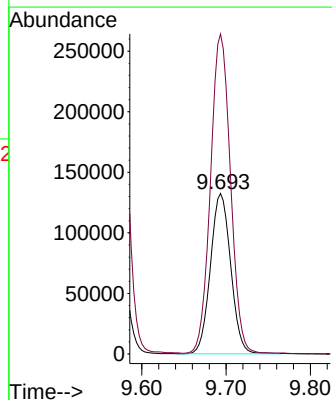
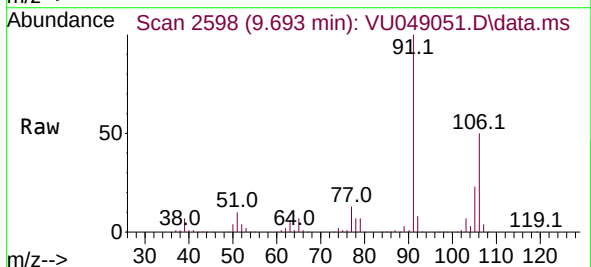
Instrument :
MSVOA_U
ClientSampleId :

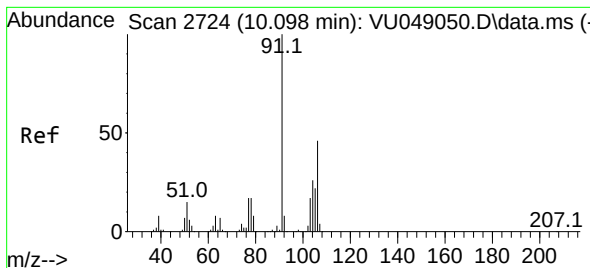
Tgt Ion: 91 Resp: 544110
Ion Ratio Lower Upper
91 100
106 31.4 22.7 42.1



#53
m,p-Xylene
Concen: 13.387 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion: 106 Resp: 220579
Ion Ratio Lower Upper
106 100
91 199.5 137.4 255.2





#54

o-Xylene

Concen: 13.167 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

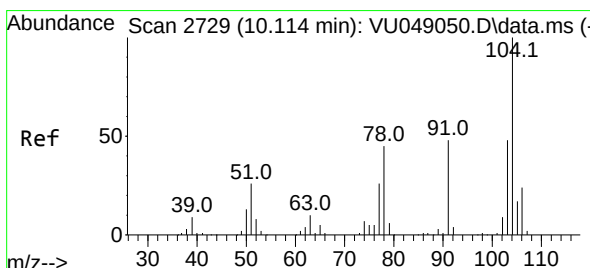
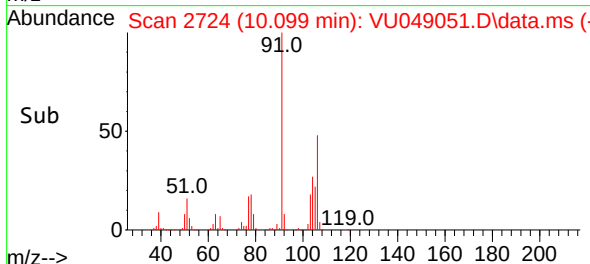
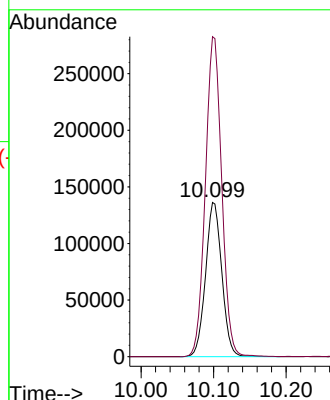
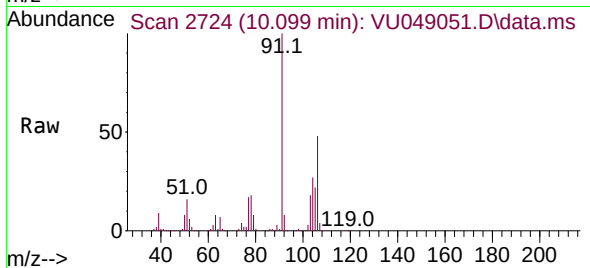
ClientSampleId :

Tgt Ion:106 Resp: 212239

Ion Ratio Lower Upper

106 100

91 207.5 152.5 283.1



#55

Styrene

Concen: 13.020 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049051.D

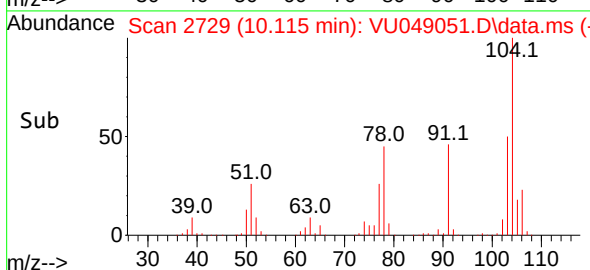
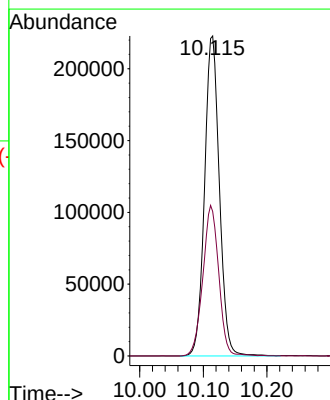
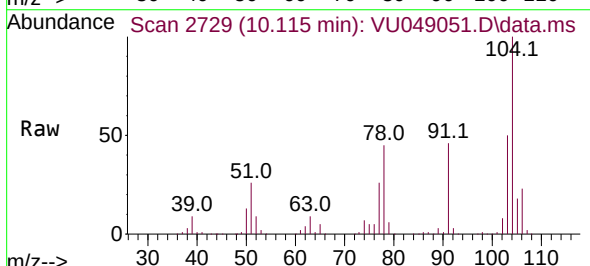
Acq: 11 Jun 2022 13:42

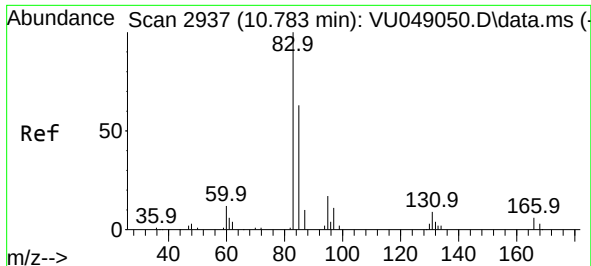
Tgt Ion:104 Resp: 360007

Ion Ratio Lower Upper

104 100

78 45.2 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 10.851 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

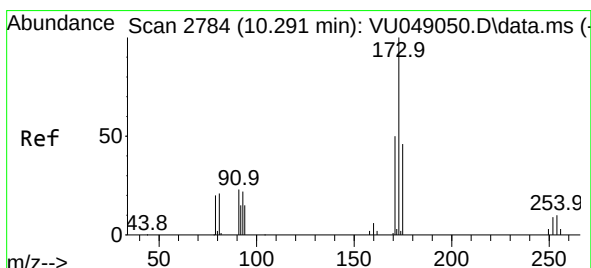
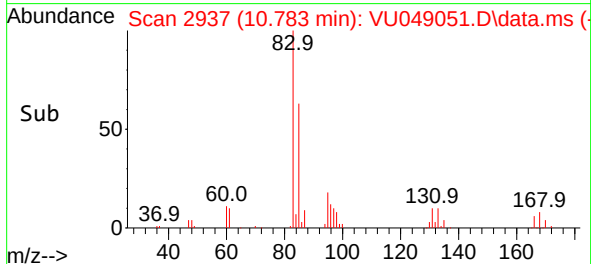
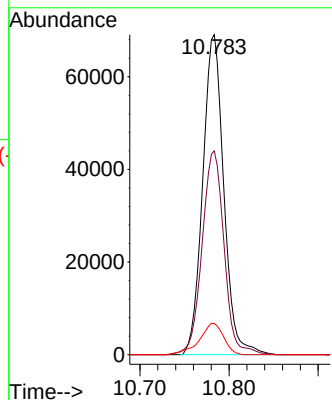
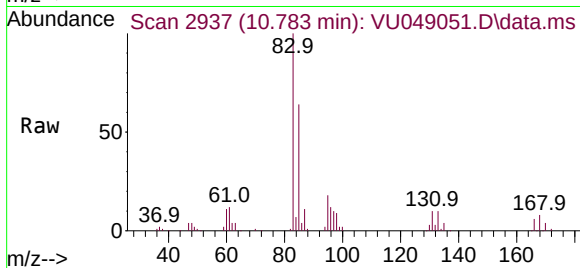
Tgt Ion: 83 Resp: 113441

Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

131 9.7 7.8 11.6



#59

Bromoform

Concen: 10.954 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

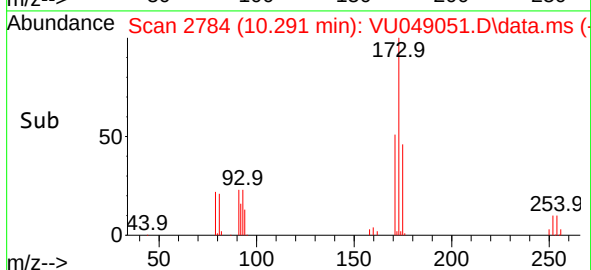
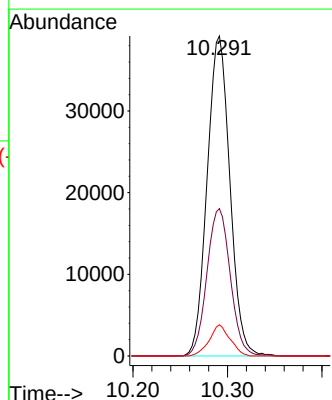
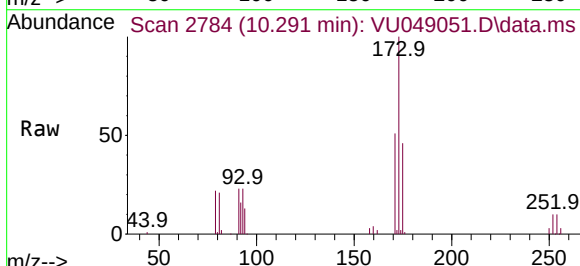
Tgt Ion:173 Resp: 65451

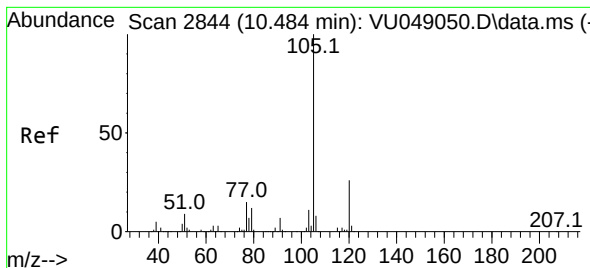
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 8.9 7.5 11.3





#60

Isopropylbenzene

Concen: 13.749 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

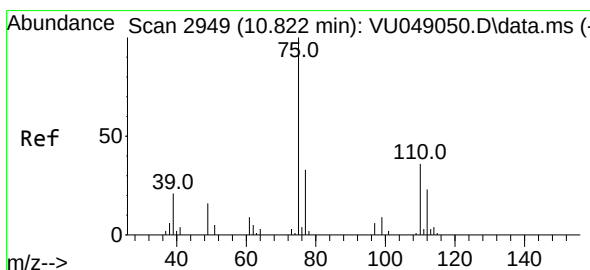
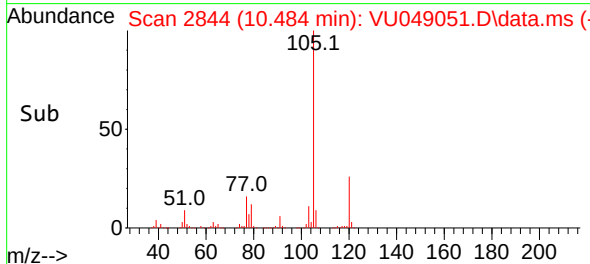
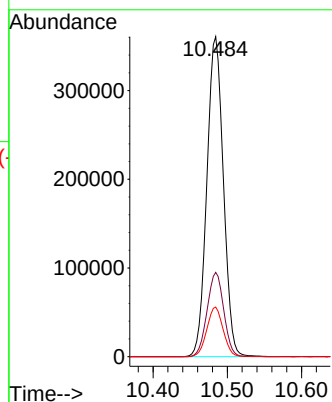
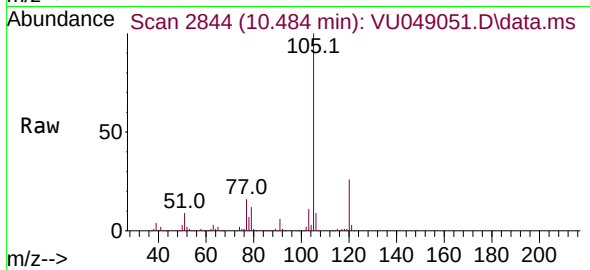
Tgt Ion:105 Resp: 556156

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 11.547 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

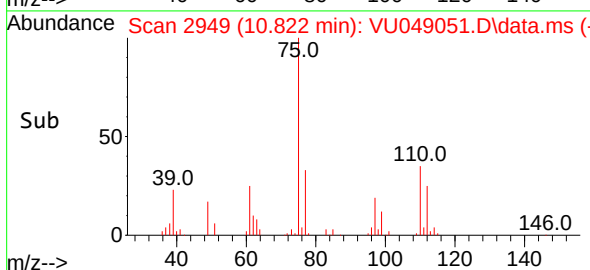
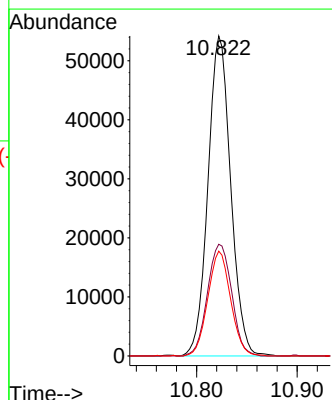
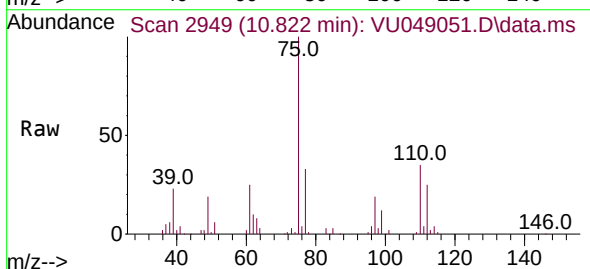
Tgt Ion: 75 Resp: 85137

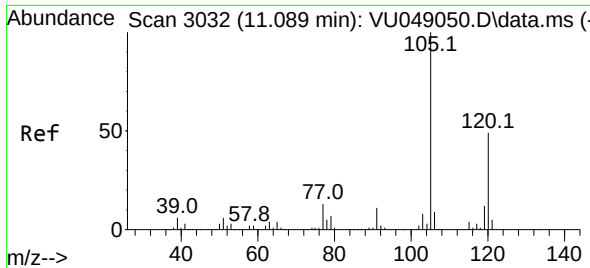
Ion Ratio Lower Upper

75 100

110 37.1 28.6 43.0

77 32.9 25.4 38.0

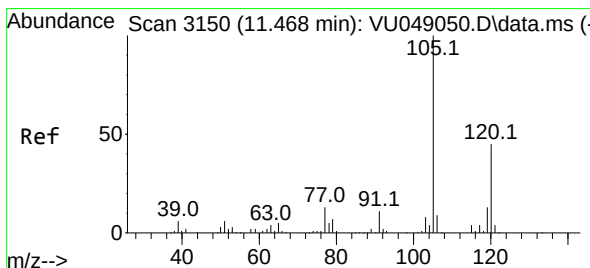
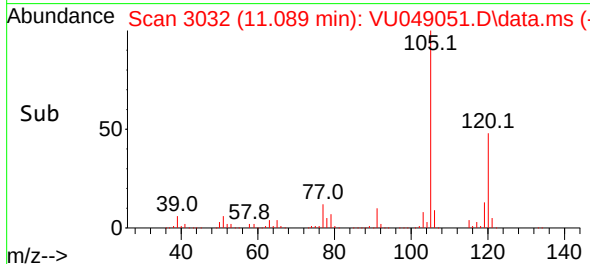
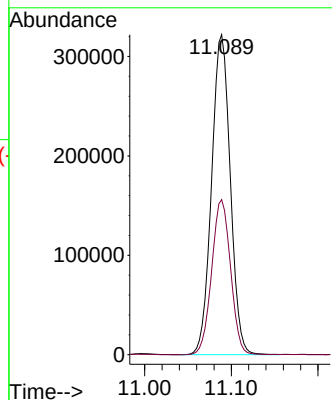
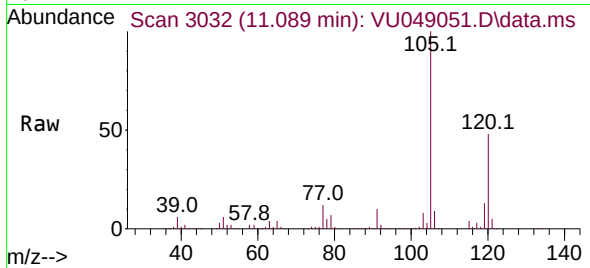




#62
 1,3,5-Trimethylbenzene
 Concen: 17.307 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42

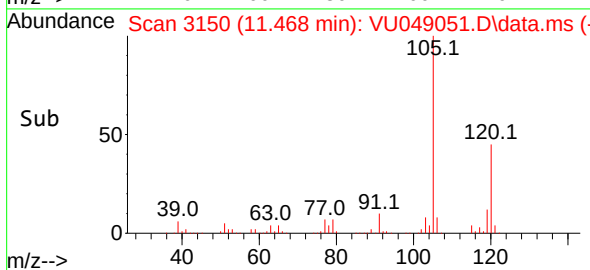
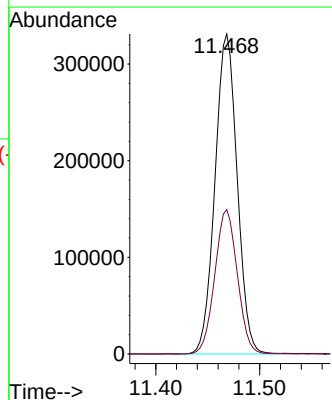
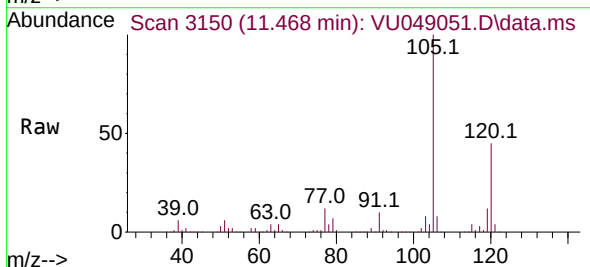
Instrument :
 MSVOA_U
 ClientSampleId :

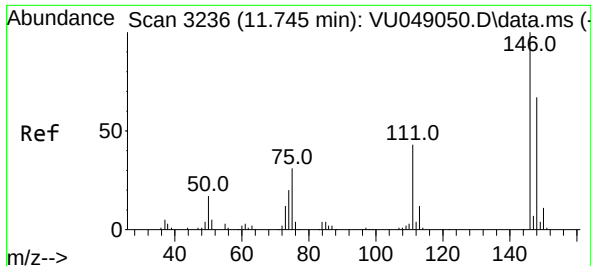
Tgt Ion:105 Resp: 483098
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 14.579 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42

Tgt Ion:105 Resp: 491342
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.7 55.1

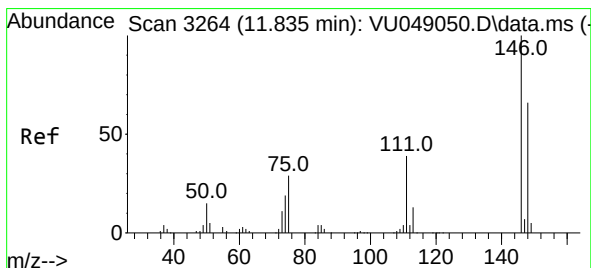
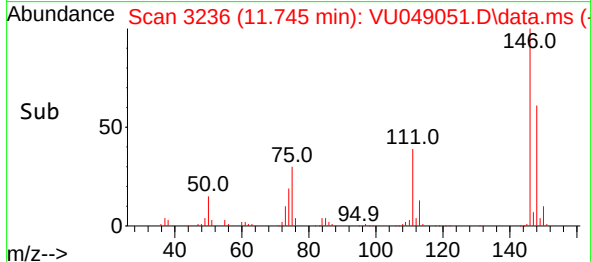
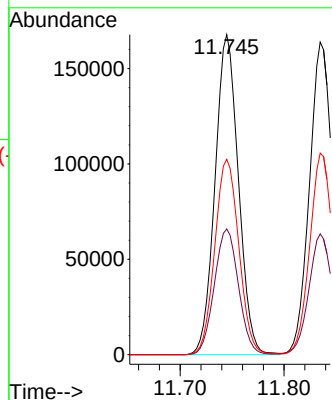
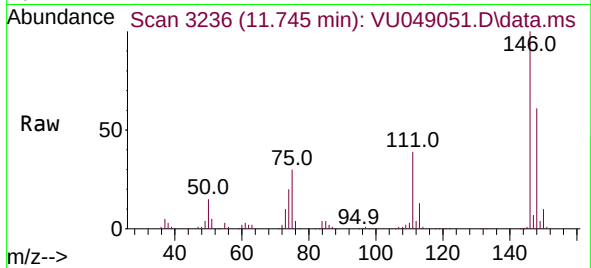




#64
1,3-Dichlorobenzene
Concen: 12.045 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

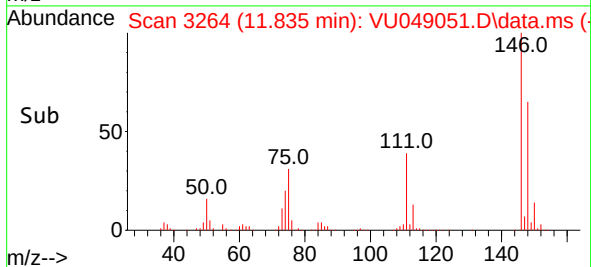
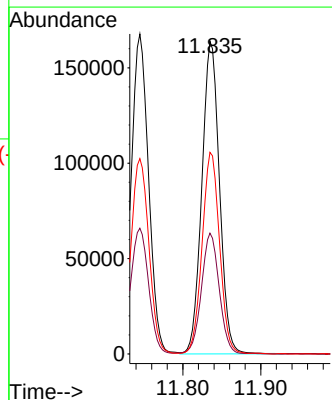
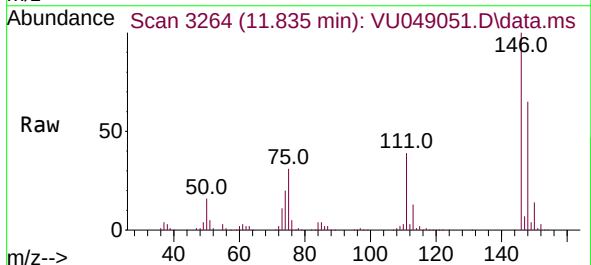
Instrument :
MSVOA_U
ClientSampleId :

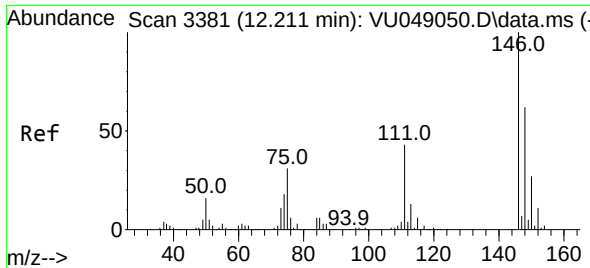
Tgt Ion:146 Resp: 262307
Ion Ratio Lower Upper
146 100
111 39.3 29.8 55.4
148 61.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 11.672 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049051.D
Acq: 11 Jun 2022 13:42

Tgt Ion:146 Resp: 257040
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 64.5 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 11.685 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

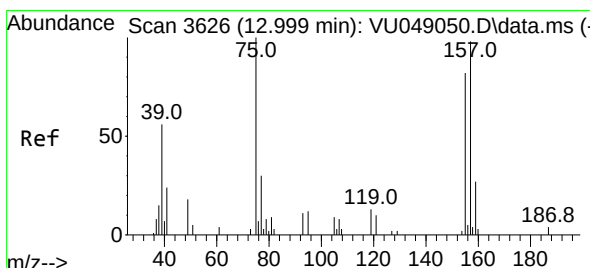
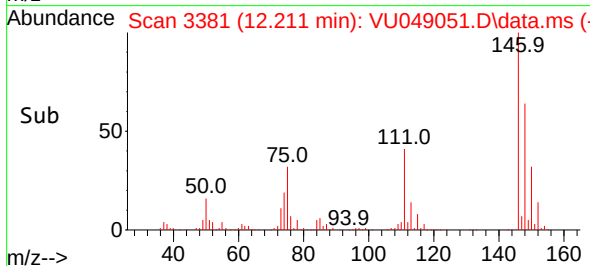
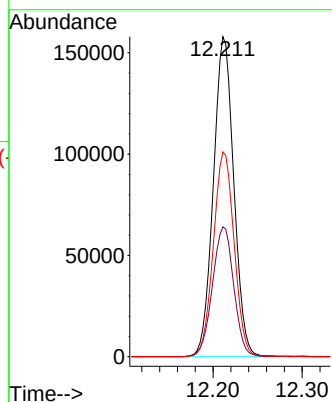
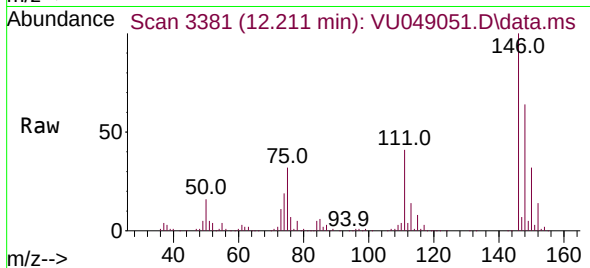
Tgt Ion:146 Resp: 251704

Ion Ratio Lower Upper

146 100

111 40.6 34.1 51.1

148 64.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 11.819 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

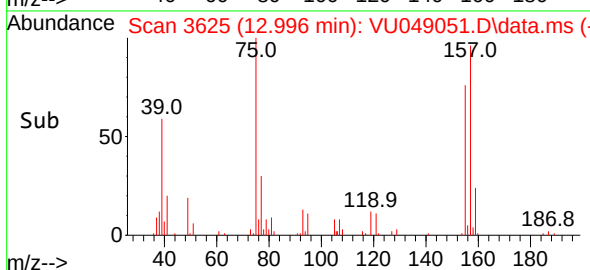
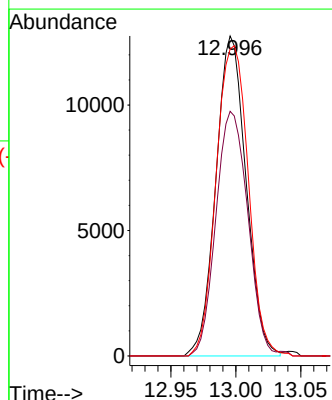
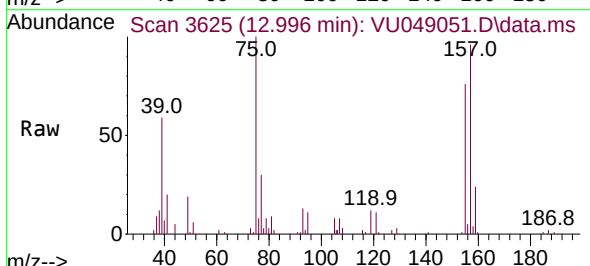
Tgt Ion: 75 Resp: 20633

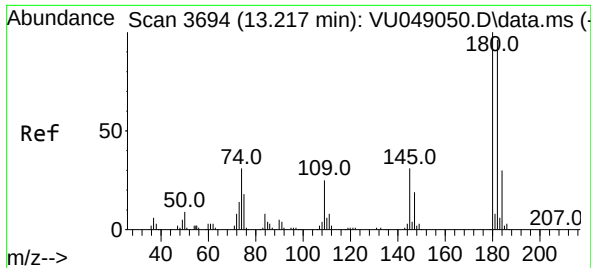
Ion Ratio Lower Upper

75 100

155 76.5 65.8 98.6

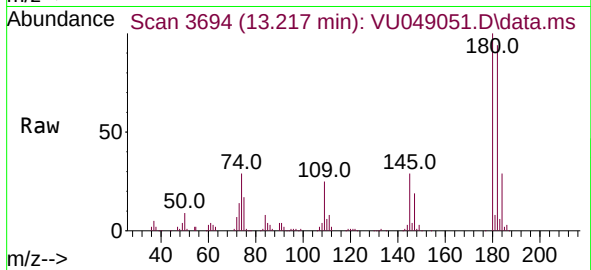
157 95.9 78.6 118.0



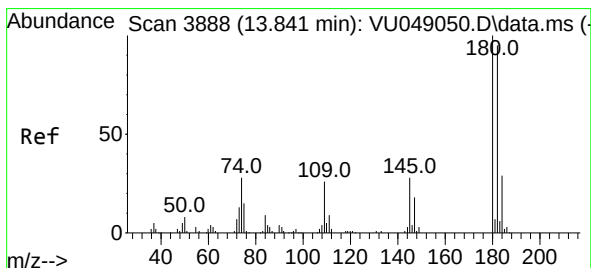
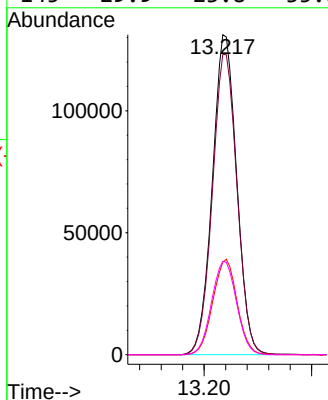
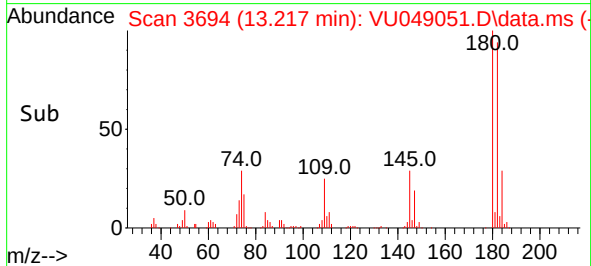


#69
 1,3,5-Trichlorobenzene
 Concen: 11.415 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42

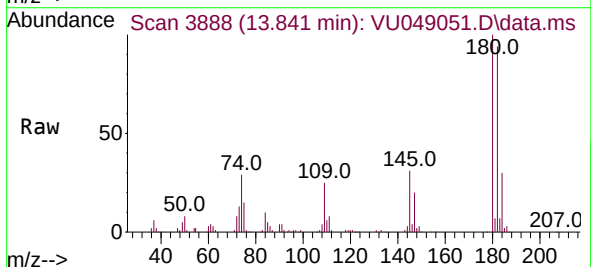
Instrument :
 MSVOA_U
 ClientSampleId :



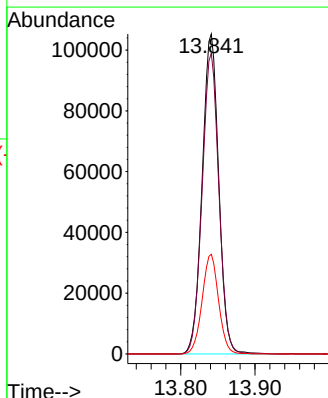
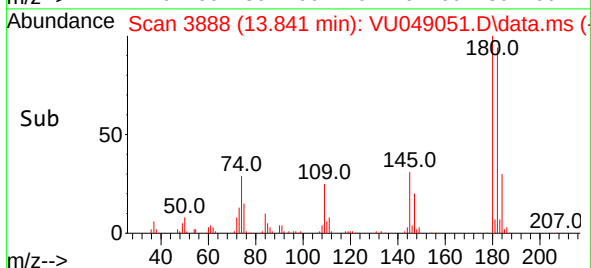
Tgt Ion:180 Resp: 205891
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.1 115.7
 184 29.9 23.6 35.4
 145 29.9 23.8 35.8

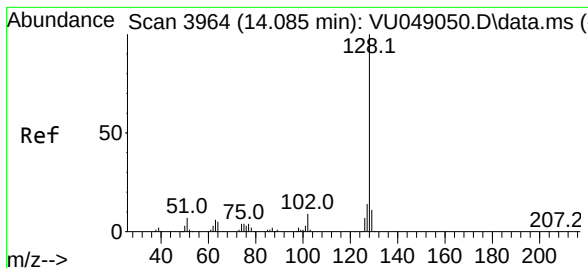


#70
 1,2,4-trichlorobenzene
 Concen: 10.497 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049051.D
 Acq: 11 Jun 2022 13:42



Tgt Ion:180 Resp: 162745
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.6 113.4
 145 30.9 23.1 34.7





#71

Naphthalene

Concen: 10.183 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

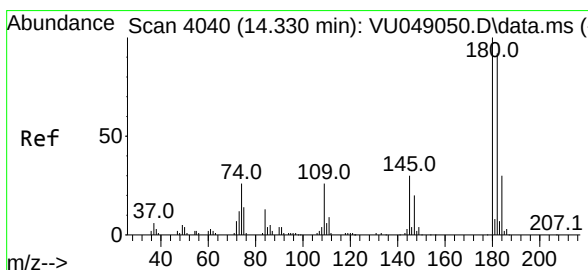
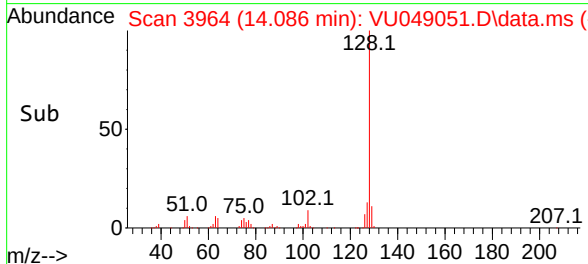
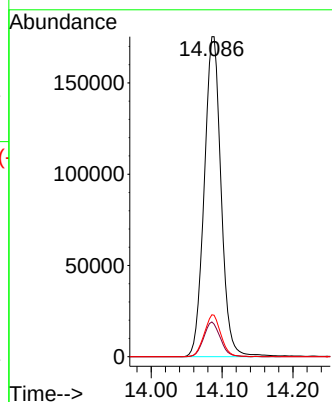
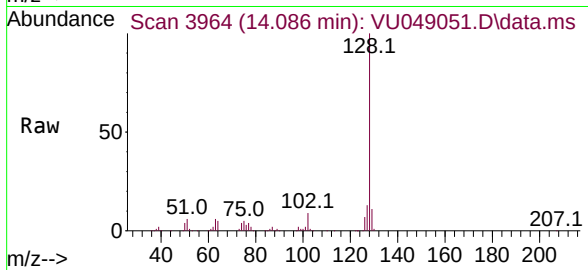
Tgt Ion:128 Resp: 288737

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 12.9 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 10.530 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049051.D

Acq: 11 Jun 2022 13:42

Tgt Ion:180 Resp: 157336

Ion Ratio Lower Upper

180 100

182 95.8 74.6 112.0

145 31.6 24.4 36.6

