

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049049.D
 Acq On : 11 Jun 2022 12:55
 Operator : SY/MD
 Sample : VSTD00127
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:06:44 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	153653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	144571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	6695	0.712	ug/L	0.00
7) Chloroethane-d5	1.916	69	7180	0.813	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	3239	0.717	ug/L	0.00
20) 2-Butanone-d5	4.645	46	28077	9.230	ug/L	0.00
24) Chloroform-d	5.067	84	20925	0.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	10998	0.910	ug/L	0.00
32) Benzene-d6	5.729	84	35316	0.850	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	12799	0.971	ug/L	0.00
41) Toluene-d8	7.899	98	29329	0.769	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3862	0.728	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	17827	6.366	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9932	0.767	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	11689	0.832	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	16729	1.495	ug/L	95
3) Chloromethane	1.523	50	15471	1.482	ug/L	98
5) Vinyl chloride	1.604	62	14172	1.357	ug/L	96
6) Bromomethane	1.858	94	7909	1.507	ug/L	99
8) Chloroethane	1.935	64	7133	1.171	ug/L	100
9) Trichlorofluoromethane	2.141	101	17777	1.291	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	9140	1.102	ug/L	95
12) 1,1-Dichloroethene	2.581	96	9575	1.197	ug/L	98
13) Acetone	2.652	43	15015	11.554	ug/L	69
14) Carbon disulfide	2.797	76	31870	1.271	ug/L	100
15) Methyl Acetate	2.964	43	3840	1.117	ug/L	96
16) Methylene chloride	3.051	84	12172	1.056	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	23105	1.117	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	10139	1.168	ug/L	96
19) 1,1-Dichloroethane	3.874	63	19749	1.273	ug/L	90
21) 2-Butanone	4.723	43	28177	11.968	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	11492	1.199	ug/L	86
23) Bromochloromethane	4.980	128	5042	1.065	ug/L	84
25) Chloroform	5.092	83	20643	1.224	ug/L	88
27) 1,2-Dichloroethane	5.797	62	13656	1.251	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	17811	1.279	ug/L	95
30) Cyclohexane	5.391	56	15238	1.269	ug/L	98
31) Carbon tetrachloride	5.523	117	15928	1.303	ug/L	100
33) Benzene	5.777	78	41512	1.202	ug/L	100
34) Trichloroethene	6.542	95	10817	1.188	ug/L	98
35) Methylcyclohexane	6.764	83	15434	1.162	ug/L	100
37) 1,2-Dichloropropane	6.796	63	10838	1.213	ug/L #	97
38) Bromodichloromethane	7.105	83	15193	1.249	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	12848	0.950	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	61474	10.073	ug/L	97
42) Toluene	7.970	91	41347	1.110	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	12194	1.010	ug/L	96

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

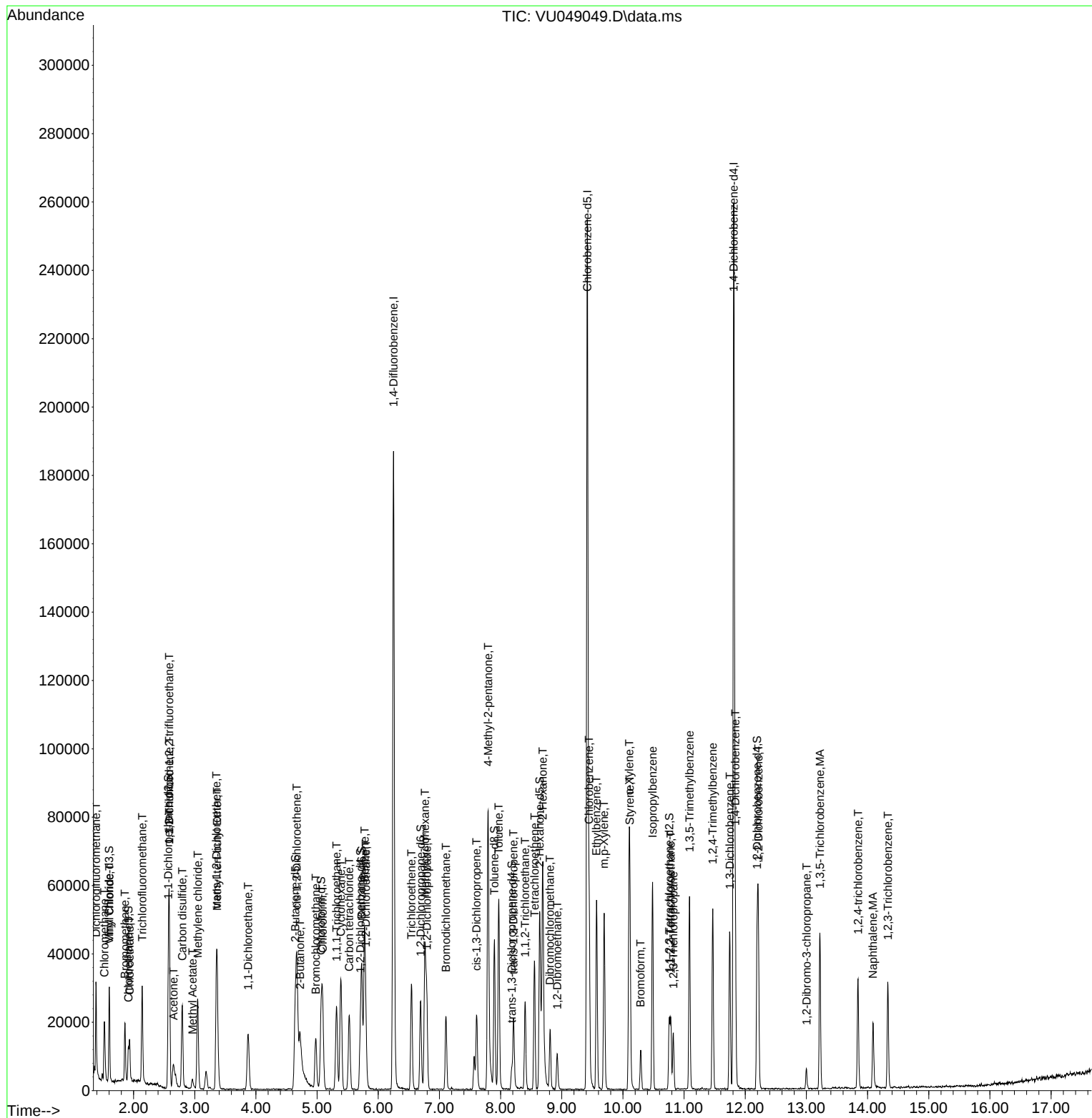
45) 1,1,2-Trichloroethane	8.401	97	7666	1.049	ug/L	90
47) Tetrachloroethene	8.555	164	8837	1.161	ug/L	92
48) 2-Hexanone	8.690	43	47327	10.237	ug/L	96
49) Dibromochloromethane	8.809	129	9843	1.087	ug/L	91
50) 1,2-Dibromoethane	8.928	107	7310	1.011	ug/L #	97
51) Chlorobenzene	9.446	112	27902	1.110	ug/L	97
52) Ethylbenzene	9.568	91	38319	0.979	ug/L	99
53) m,p-Xylene	9.693	106	14840	0.964	ug/L	96
54) o-Xylene	10.102	106	14907	0.990	ug/L	98
55) Styrene	10.115	104	24656	0.954	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	9845	1.008	ug/L	96
59) Bromoform	10.288	173	5294	1.072	ug/L	95
60) Isopropylbenzene	10.484	105	37463	1.120	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	7077	1.161	ug/L	92
62) 1,3,5-Trimethylbenzene	11.089	105	29909	1.296	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	28561	1.025	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	19563	1.087	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	19376	1.064	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	19185	1.077	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	1710	1.185	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.221	180	14642	0.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	11186	0.873	ug/L	100
71) Naphthalene	14.089	128	17548	0.749	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	9877	0.800	ug/L	98

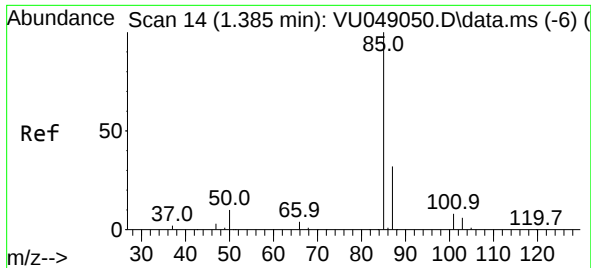
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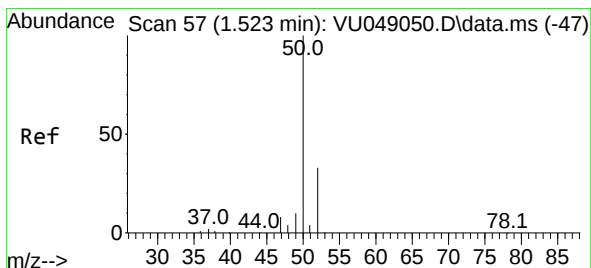
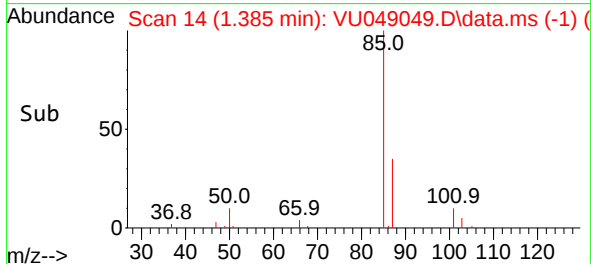
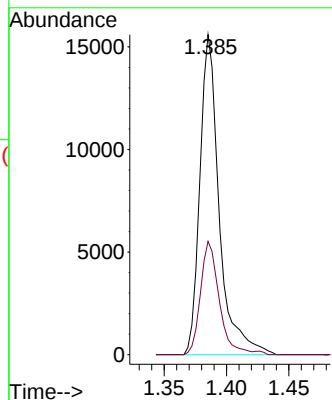
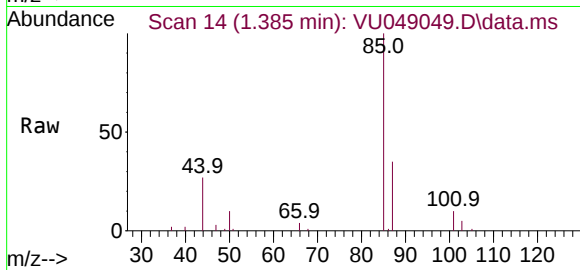




#2
Dichlorodifluoromethane
Concen: 1.495 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

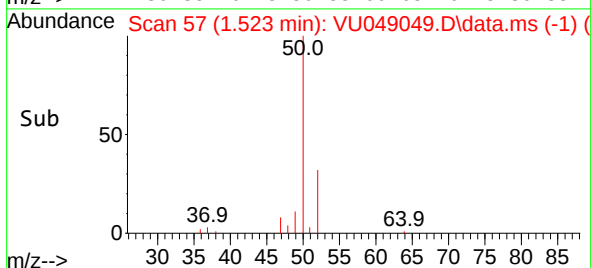
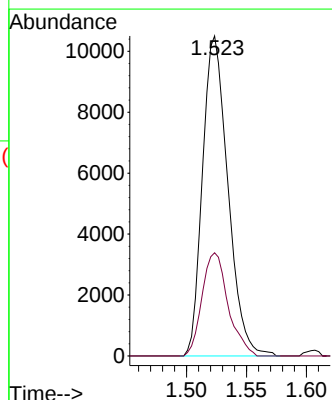
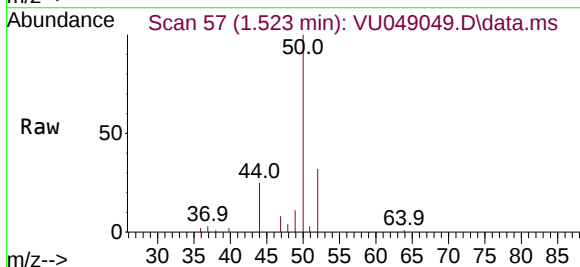
Instrument :
MSVOA_U
ClientSampleId :

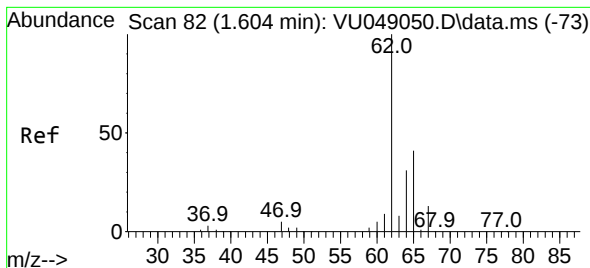
Tgt Ion: 85 Resp: 16729
Ion Ratio Lower Upper
85 100
87 34.7 25.4 38.0



#3
Chloromethane
Concen: 1.482 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 50 Resp: 15471
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.0





#5

Vinyl chloride

Concen: 1.357 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

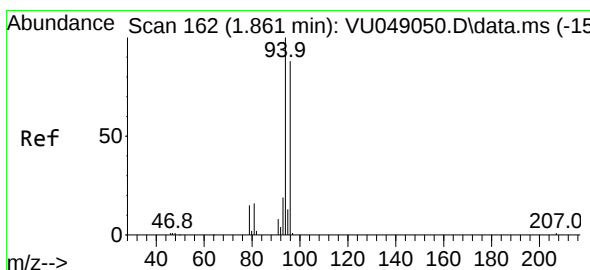
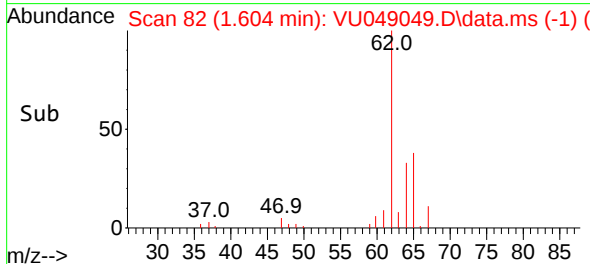
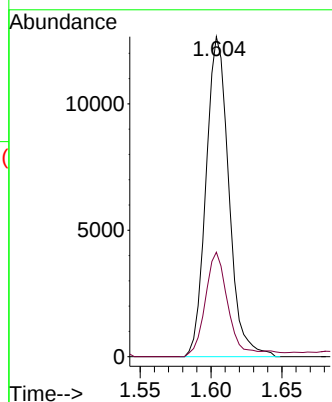
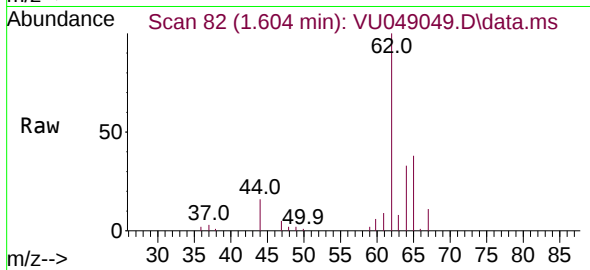
ClientSampleId :

Tgt Ion: 62 Resp: 14172

Ion Ratio Lower Upper

62 100

64 32.7 21.5 39.9



#6

Bromomethane

Concen: 1.507 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU049049.D

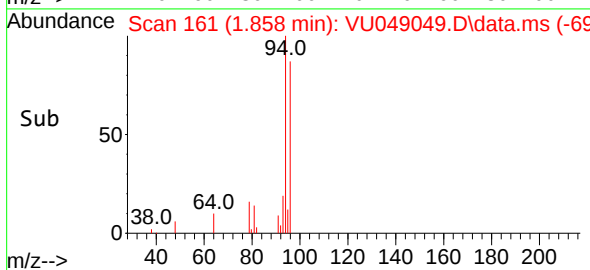
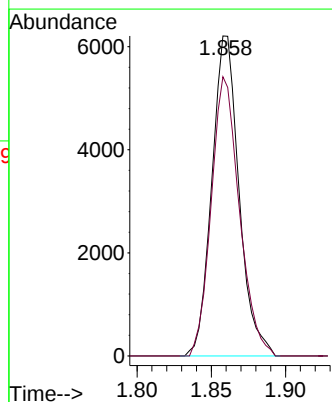
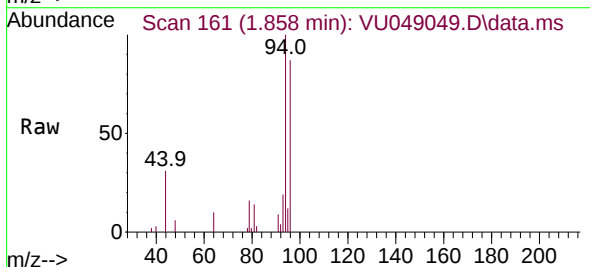
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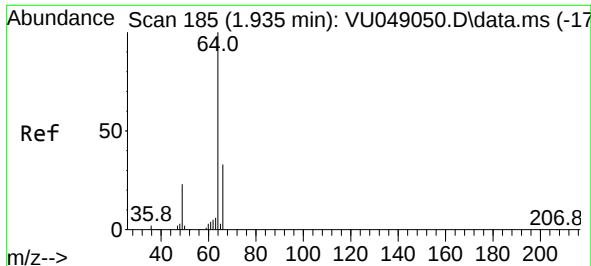
Tgt Ion: 94 Resp: 7909

Ion Ratio Lower Upper

94 100

96 87.3 61.9 114.9

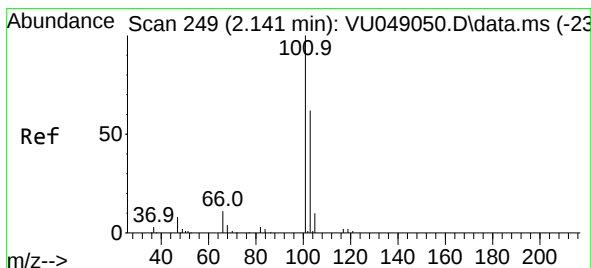
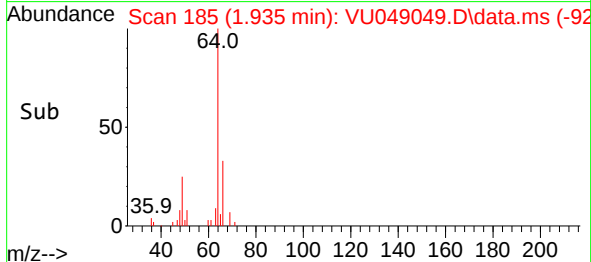
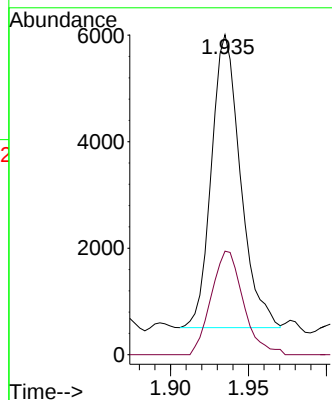
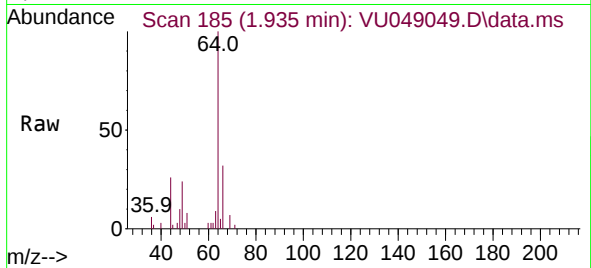




#8
Chloroethane
Concen: 1.171 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

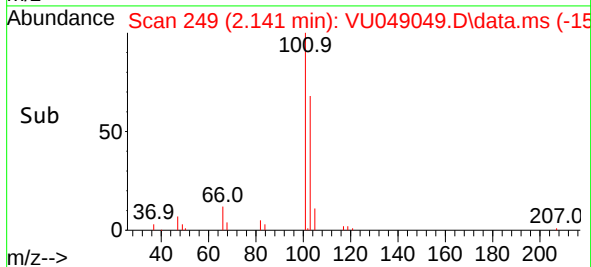
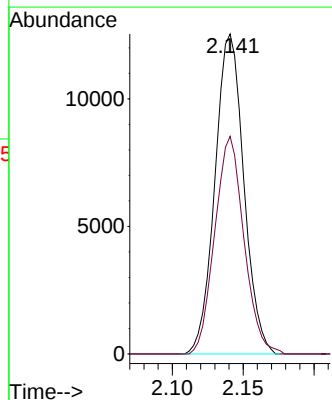
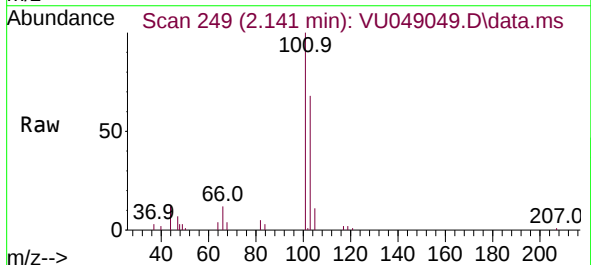
Instrument :
MSVOA_U
ClientSampleId :

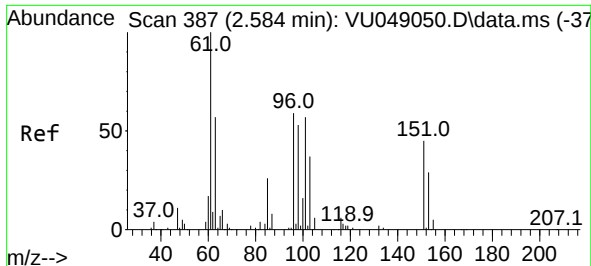
Tgt Ion: 64 Resp: 7133
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.291 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:101 Resp: 17777
Ion Ratio Lower Upper
101 100
103 68.6 50.5 75.7





#10

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

Concen: 1.102 ug/L

RT: 2.581 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU049049.D

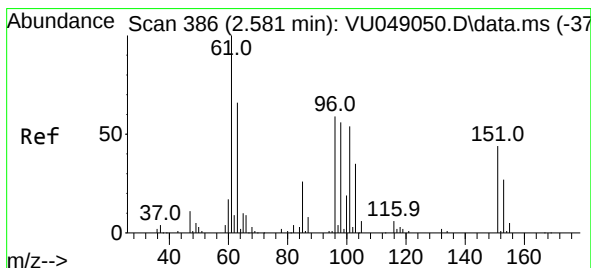
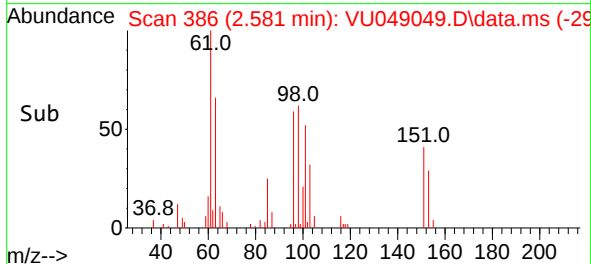
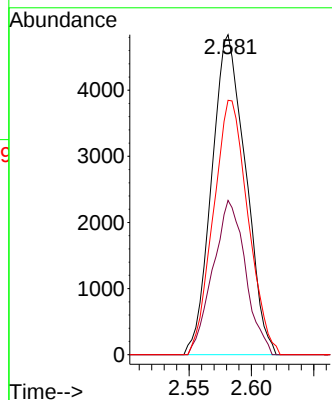
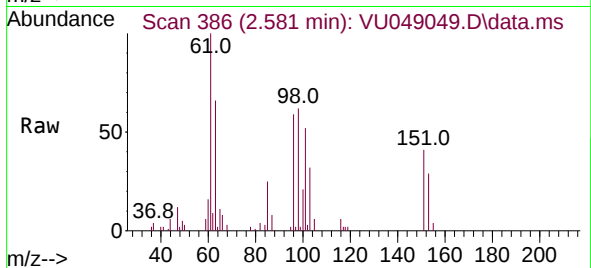
Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	9140
Ion	Ratio	Lower	Upper
101	100		
85	46.4	36.0	54.0
151	81.4	60.7	91.1



#12

1,1-Dichloroethene

Concen: 1.197 ug/L

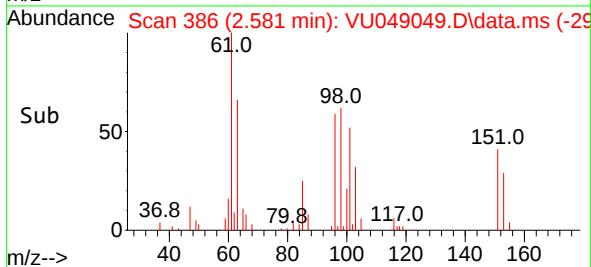
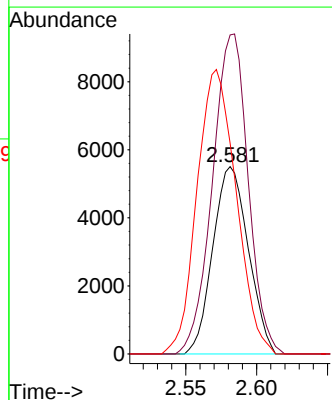
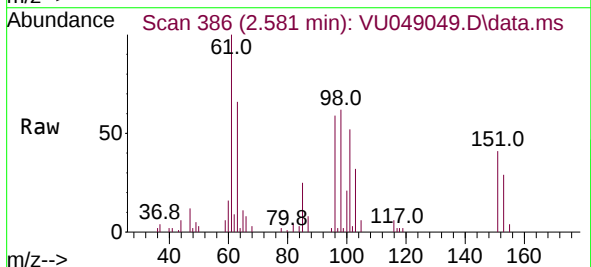
RT: 2.581 min Scan# 386

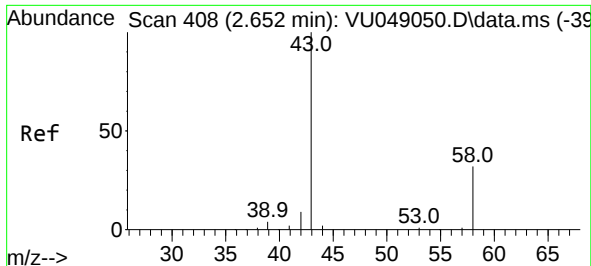
Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Tgt Ion:	96	Resp:	9575
Ion	Ratio	Lower	Upper
96	100		
61	170.3	118.9	220.7
63	112.5	81.8	151.8





#13

Acetone

Concen: 11.554 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

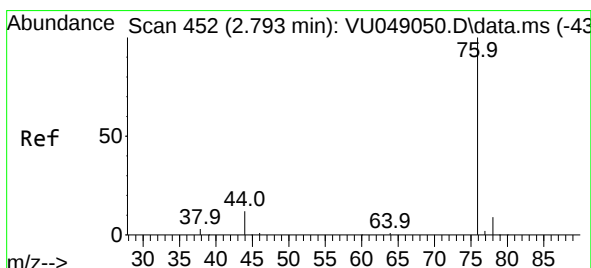
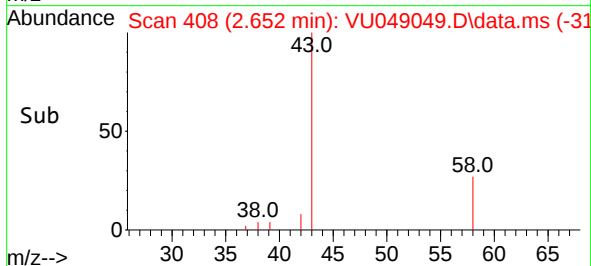
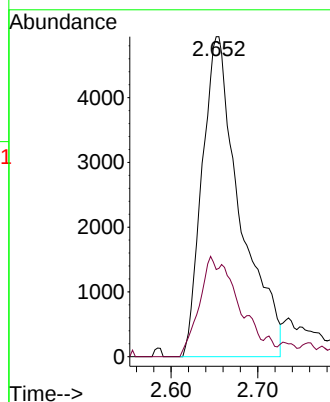
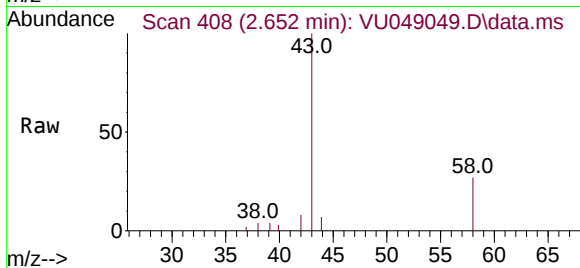
ClientSampleId :

Tgt Ion: 43 Resp: 15015

Ion Ratio Lower Upper

43 100

58 15.8 0.0 67.0



#14

Carbon disulfide

Concen: 1.271 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU049049.D

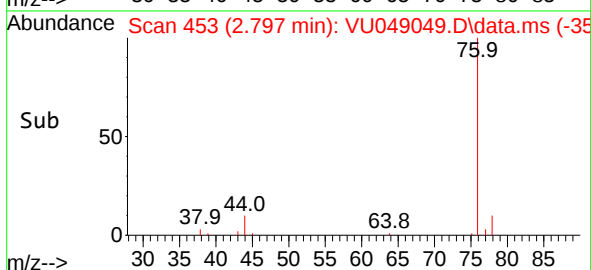
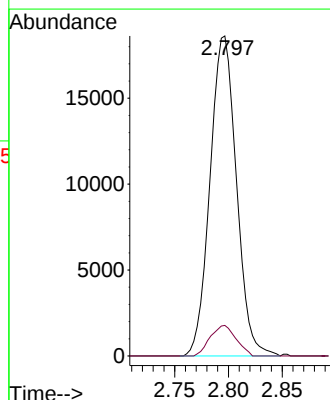
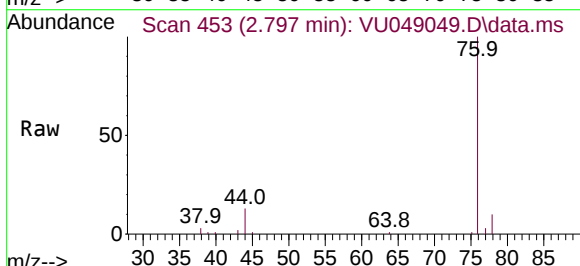
Acq: 11 Jun 2022 12:55

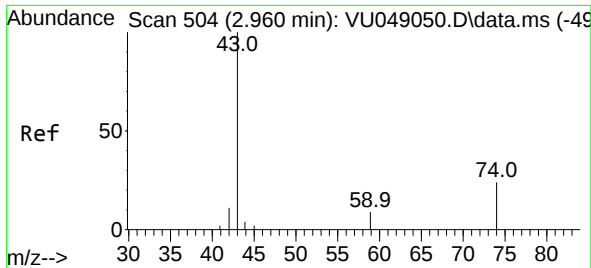
Tgt Ion: 76 Resp: 31870

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

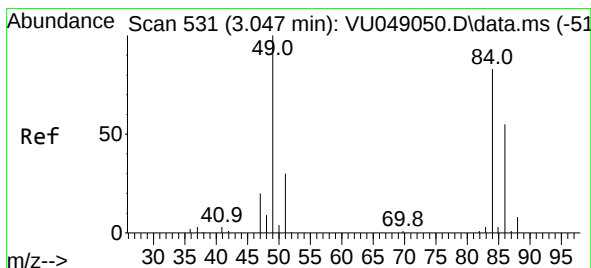
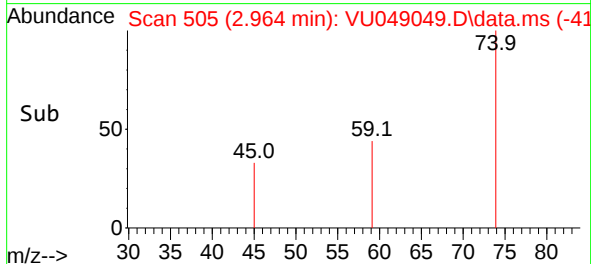
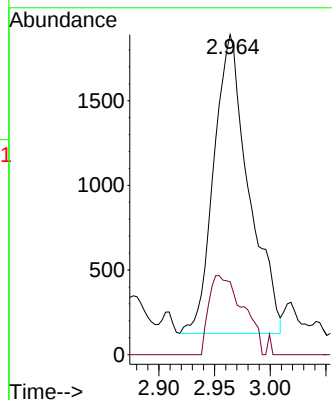
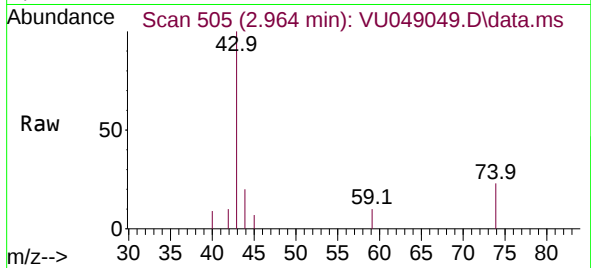




#15
Methyl Acetate
Concen: 1.117 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

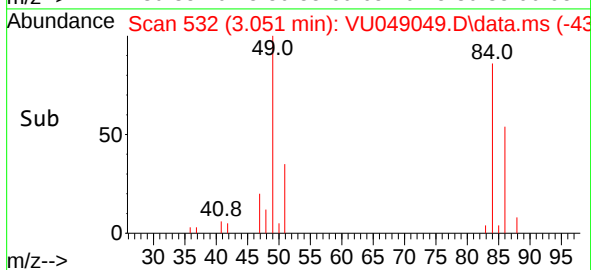
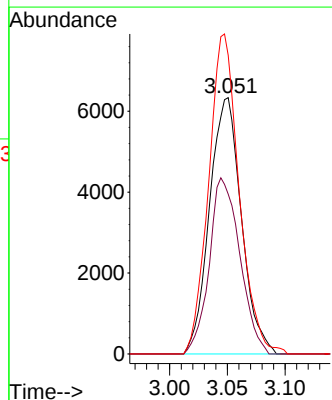
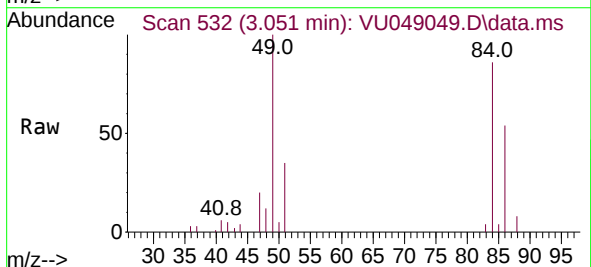
Instrument :
MSVOA_U
ClientSampleId :

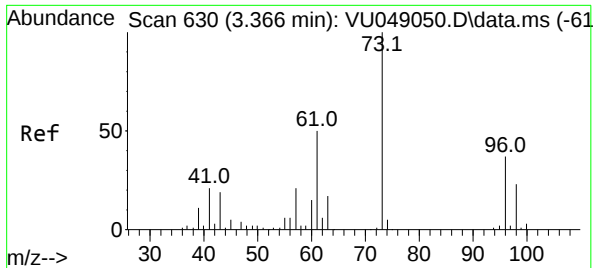
Tgt Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
74 25.9 19.1 28.7



#16
Methylene chloride
Concen: 1.056 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 84 Resp: 12172
Ion Ratio Lower Upper
84 100
86 62.3 46.1 85.7
49 116.5 84.5 156.9

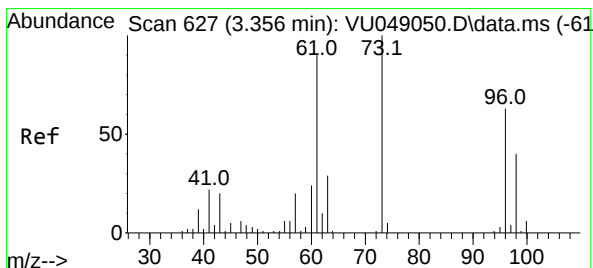
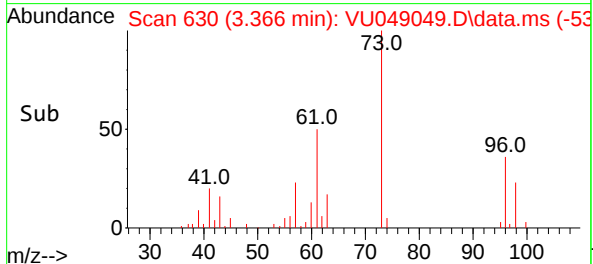
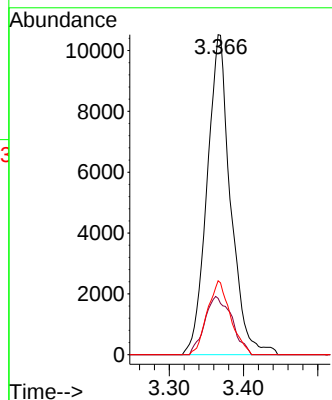
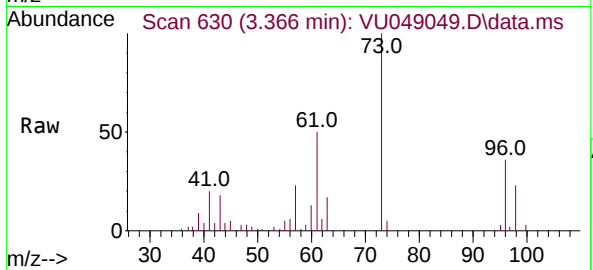




#17
Methyl tert-butyl Ether
Concen: 1.117 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

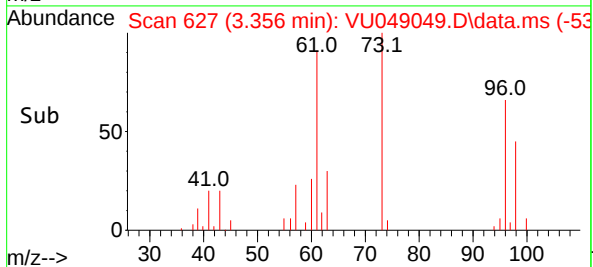
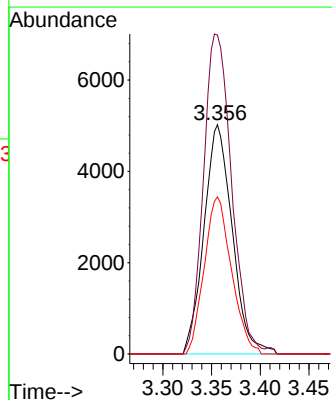
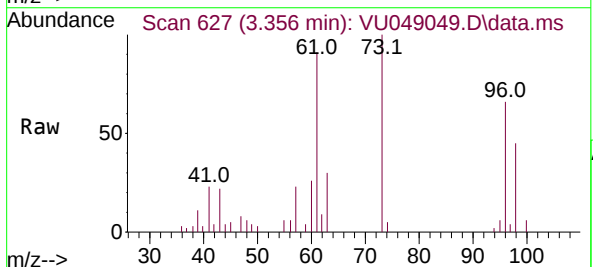
Instrument :
MSVOA_U
ClientSampleId :

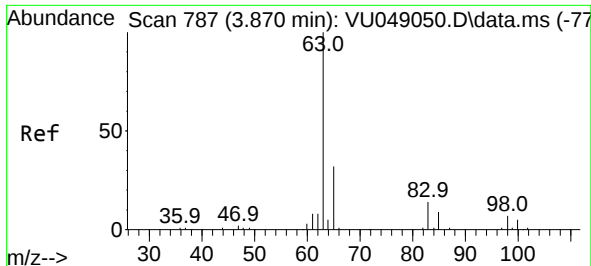
Tgt Ion: 73	Resp:	23105
Ion	Ratio	Lower Upper
73	100	
43	21.0	15.3 22.9
57	22.7	17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 1.168 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 96	Resp:	10139
Ion	Ratio	Lower Upper
96	100	
61	139.0	99.1 184.1
98	68.5	44.1 81.9





#19

1,1-Dichloroethane

Concen: 1.273 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

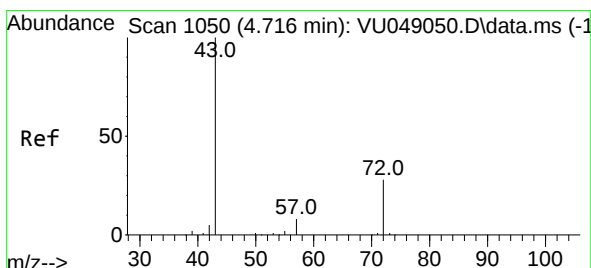
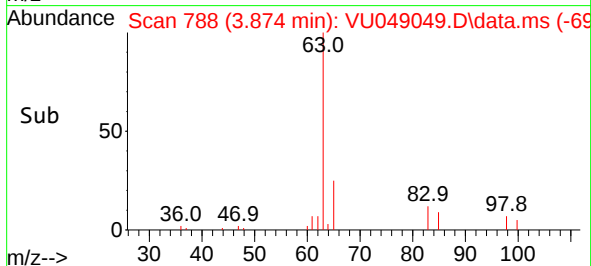
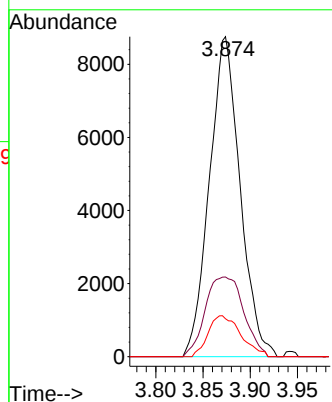
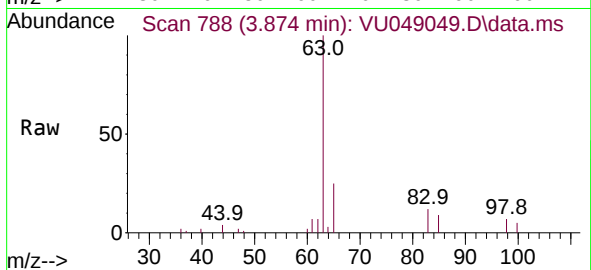
Tgt Ion: 63 Resp: 19749

Ion Ratio Lower Upper

63 100

65 24.9 22.4 41.6

83 11.9 9.7 17.9



#21

2-Butanone

Concen: 11.968 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.007 min

Lab File: VU049049.D

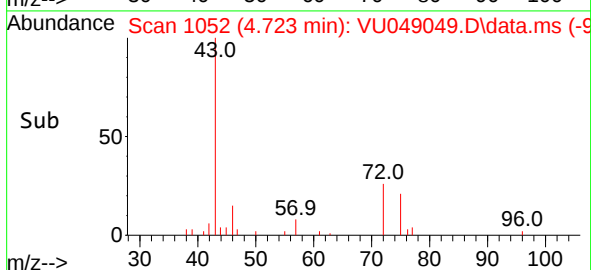
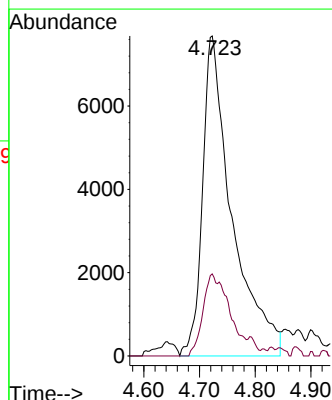
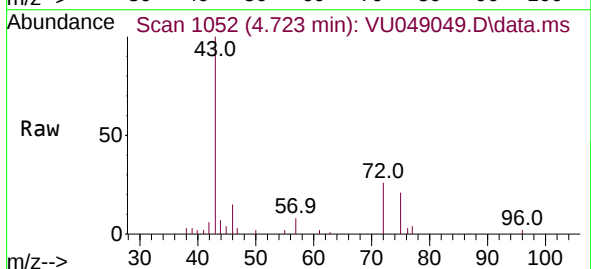
Acq: 11 Jun 2022 12:55

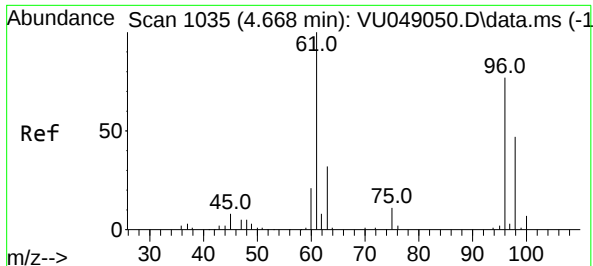
Tgt Ion: 43 Resp: 28177

Ion Ratio Lower Upper

43 100

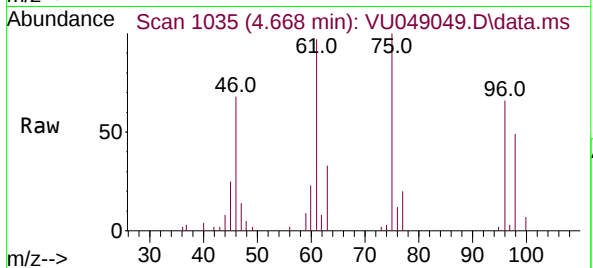
72 23.0 14.1 42.2



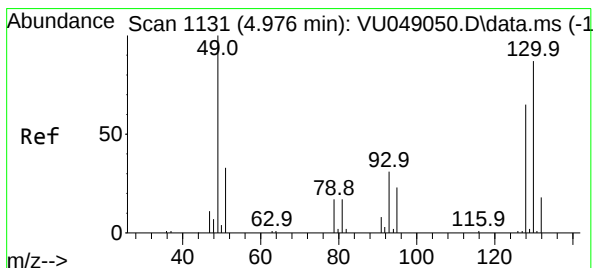
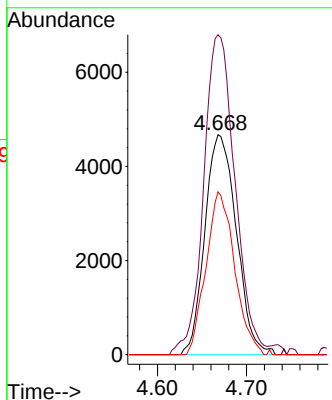
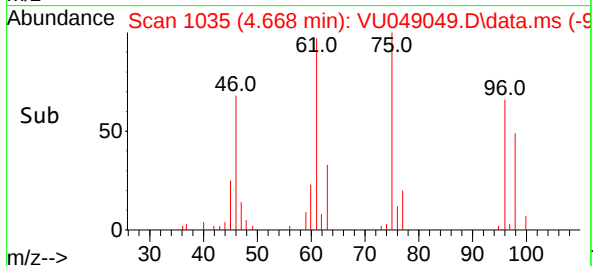


#22
 cis-1,2-Dichloroethene
 Concen: 1.199 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049049.D
 Acq: 11 Jun 2022 12:55

Instrument :
 MSVOA_U
 ClientSampleId :

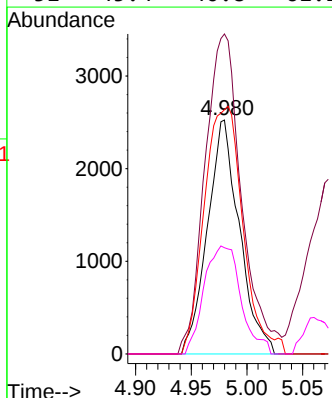
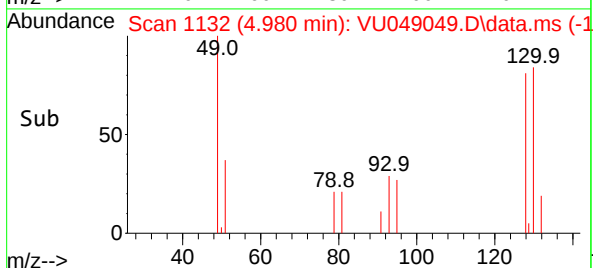
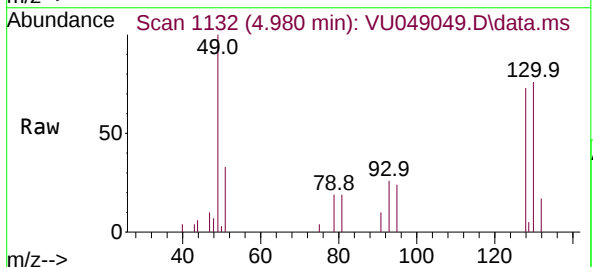


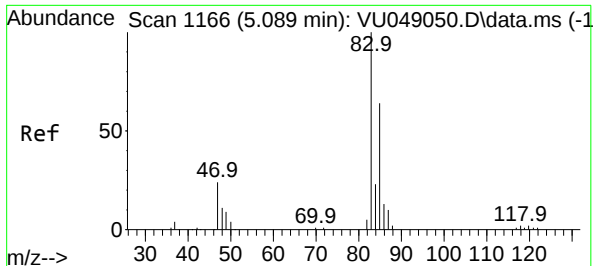
Tgt Ion: 96	Resp: 11492		
Ion Ratio	Lower	Upper	
96	100		
61	145.4	91.1	169.1
98	74.0	43.0	80.0



#23
 Bromochloromethane
 Concen: 1.065 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.003 min
 Lab File: VU049049.D
 Acq: 11 Jun 2022 12:55

Tgt	Ion:128	Resp:	5042
Ion	Ratio	Lower	Upper
128	100		
49	136.8	106.9	198.5
130	104.4	93.0	172.6
51	45.4	40.8	61.2





#25

Chloroform

Concen: 1.224 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

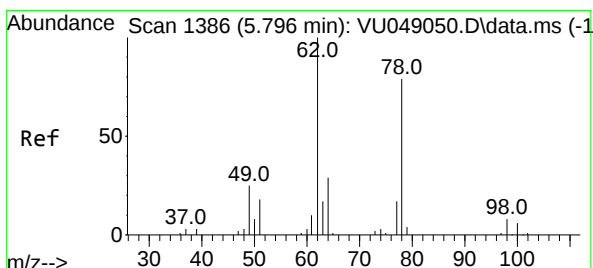
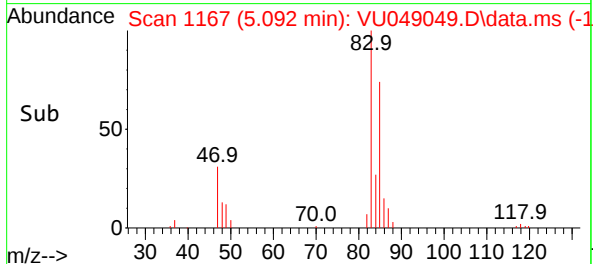
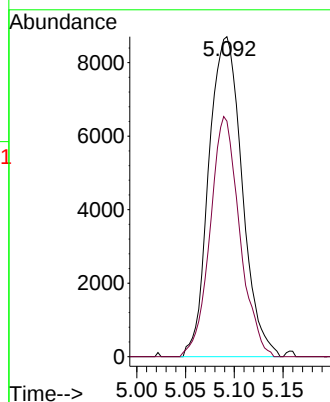
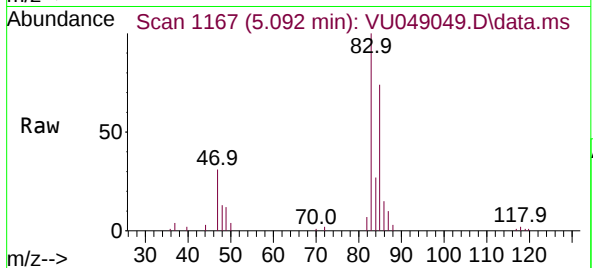
ClientSampleId :

Tgt Ion: 83 Resp: 20643

Ion Ratio Lower Upper

83 100

85 73.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.251 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049049.D

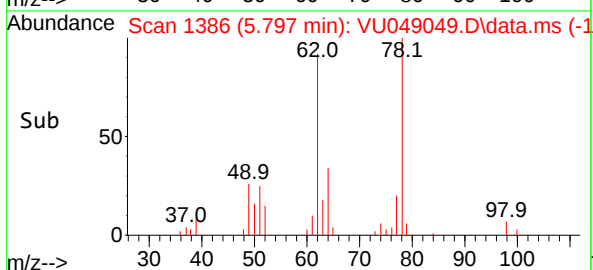
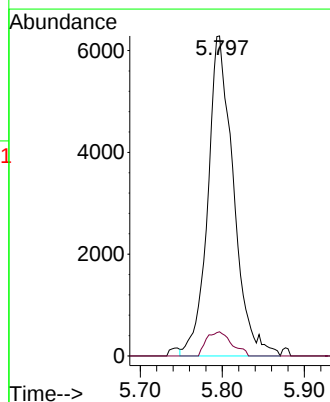
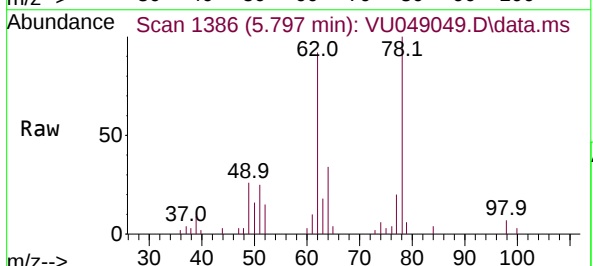
Acq: 11 Jun 2022 12:55

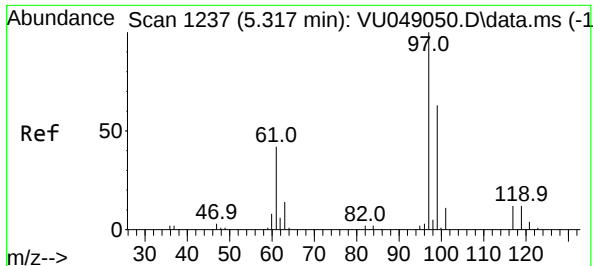
Tgt Ion: 62 Resp: 13656

Ion Ratio Lower Upper

62 100

98 7.5 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 1.279 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

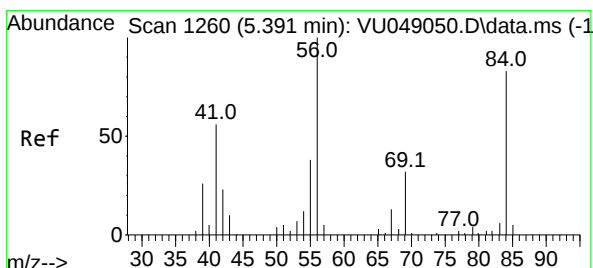
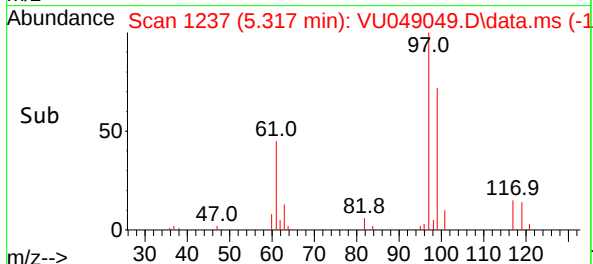
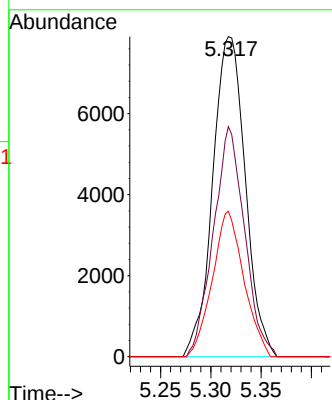
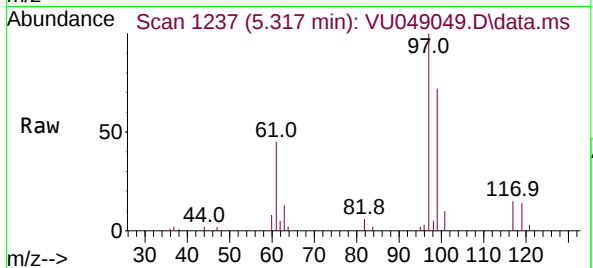
Tgt Ion: 97 Resp: 17811

Ion Ratio Lower Upper

97 100

99 68.6 50.9 76.3

61 43.9 33.2 49.8



#30

Cyclohexane

Concen: 1.269 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

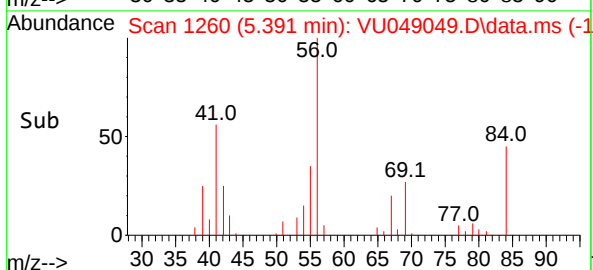
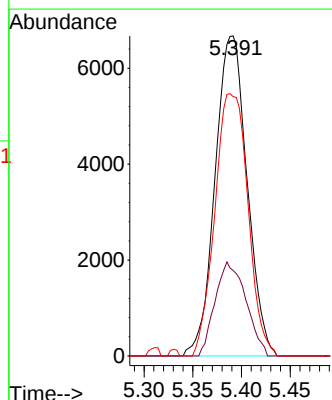
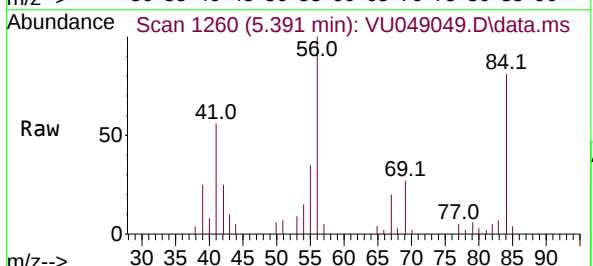
Tgt Ion: 56 Resp: 15238

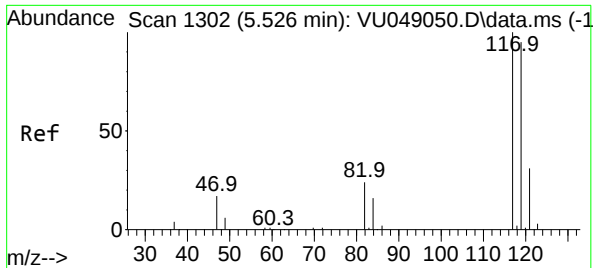
Ion Ratio Lower Upper

56 100

69 28.3 24.6 36.8

84 84.8 68.8 103.2

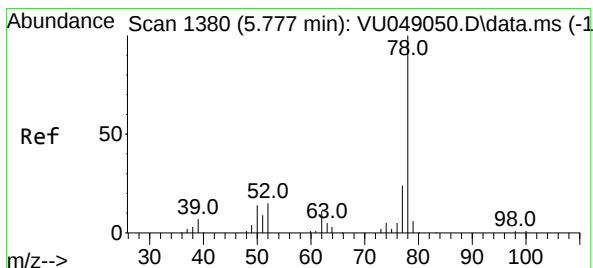
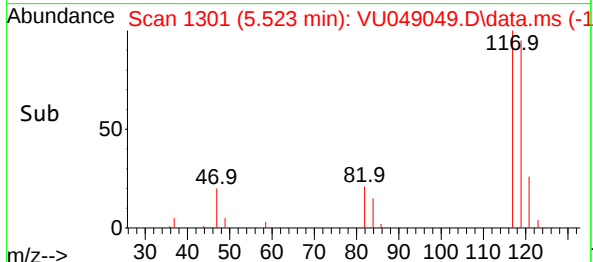
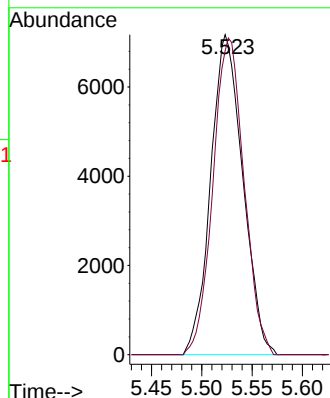
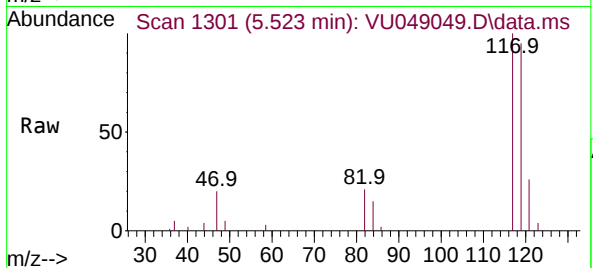




#31
Carbon tetrachloride
Concen: 1.303 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

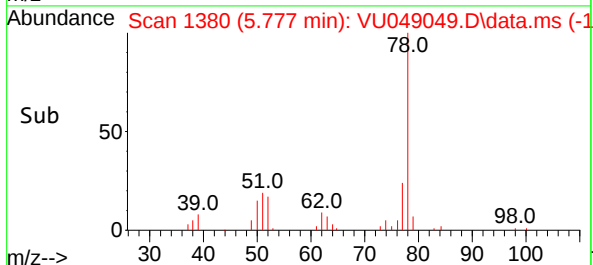
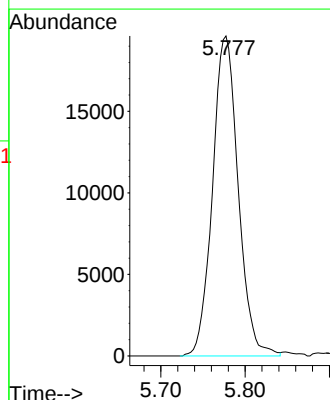
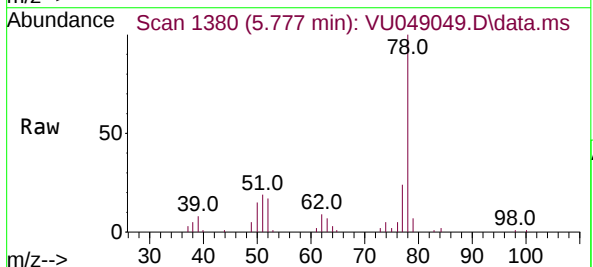
Instrument :
MSVOA_U
ClientSampleId :

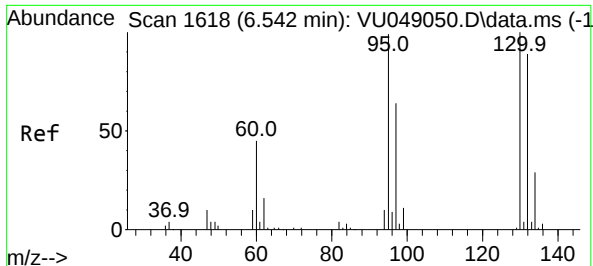
Tgt Ion:117 Resp: 15928
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7



#33
Benzene
Concen: 1.202 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 78 Resp: 41512

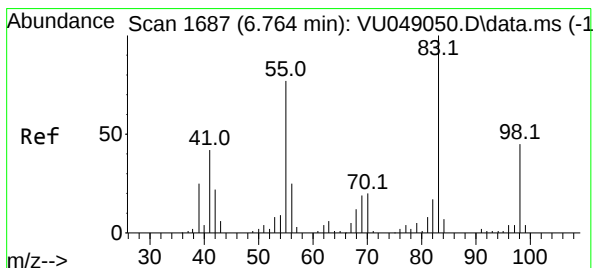
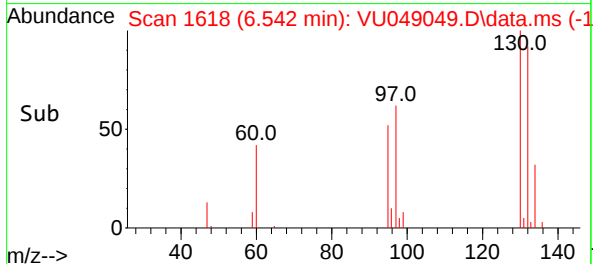
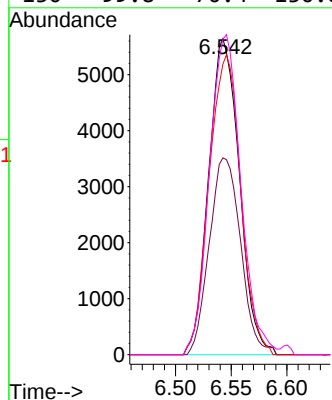
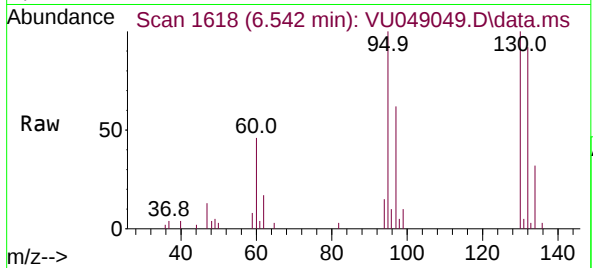




#34
Trichloroethene
Concen: 1.188 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

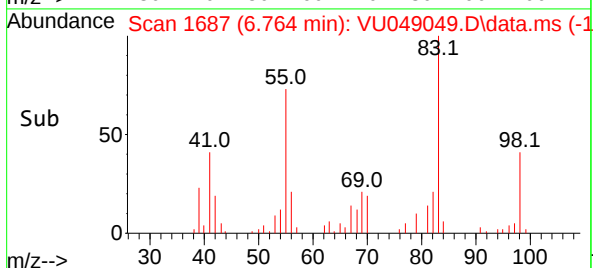
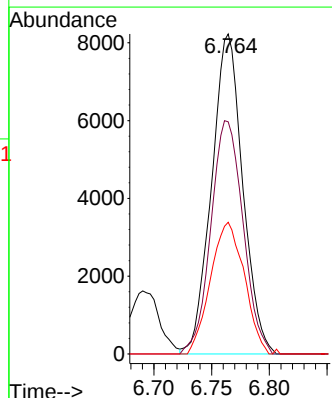
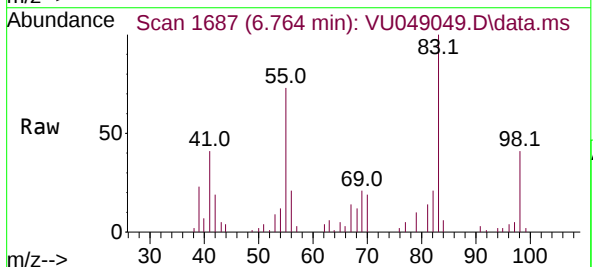
Instrument :
MSVOA_U
ClientSampleId :

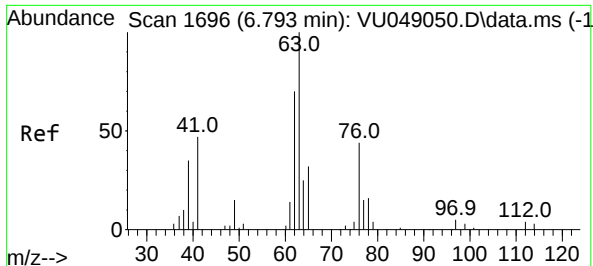
Tgt Ion: 95 Resp: 10817
Ion Ratio Lower Upper
95 100
97 62.3 44.9 83.5
132 92.0 62.8 116.6
130 99.8 70.4 130.8



#35
Methylcyclohexane
Concen: 1.162 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 83 Resp: 15434
Ion Ratio Lower Upper
83 100
55 75.3 60.6 90.8
98 44.5 35.8 53.8





#37

1,2-Dichloropropane

Concen: 1.213 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

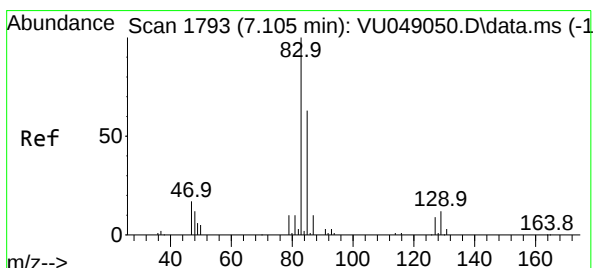
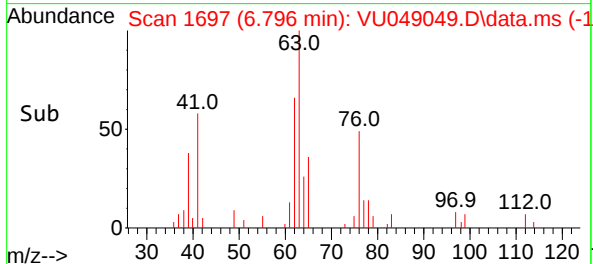
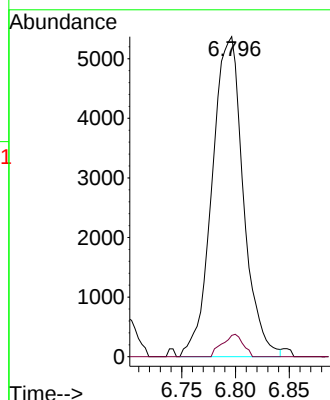
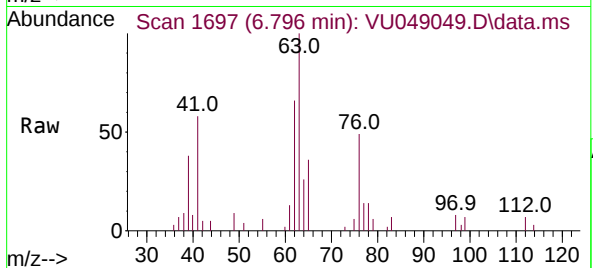
ClientSampleId :

Tgt Ion: 63 Resp: 10838

Ion Ratio Lower Upper

63 100

112 4.6 2.8 4.2#



#38

Bromodichloromethane

Concen: 1.249 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

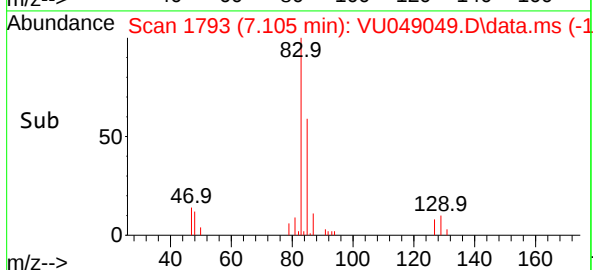
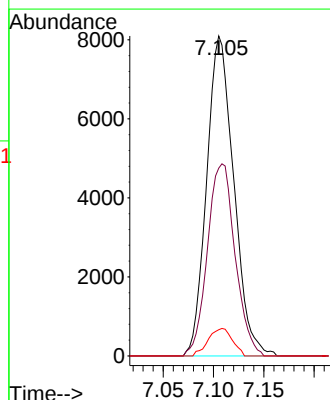
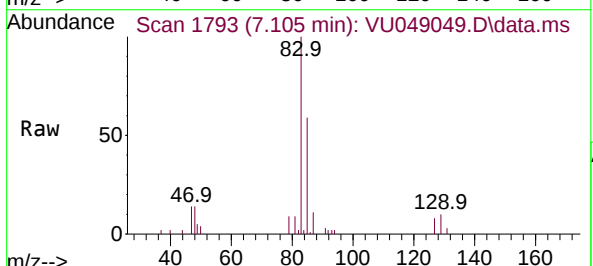
Tgt Ion: 83 Resp: 15193

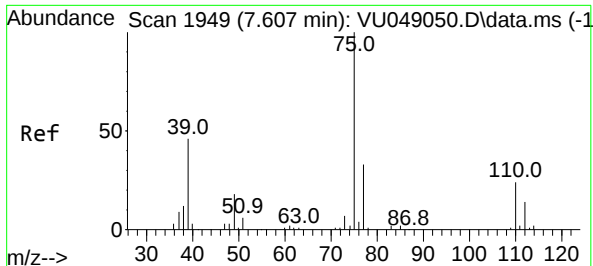
Ion Ratio Lower Upper

83 100

85 58.7 43.8 81.4

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

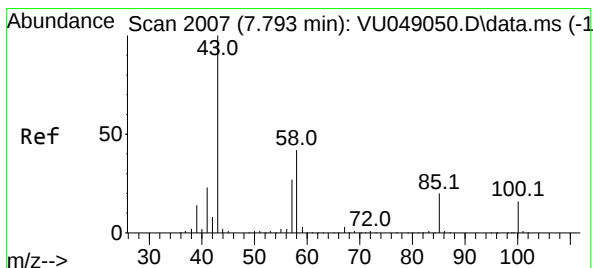
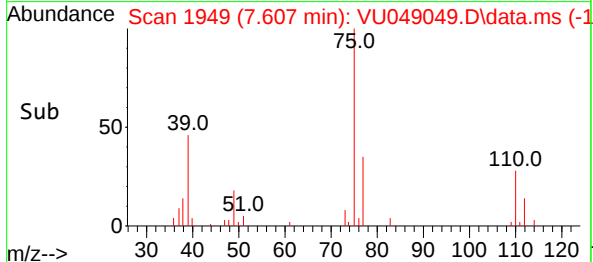
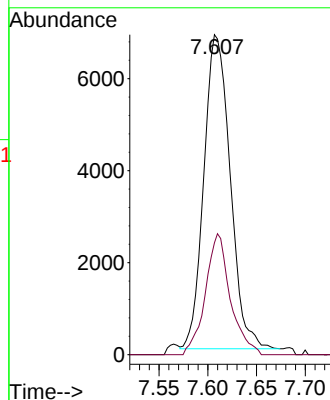
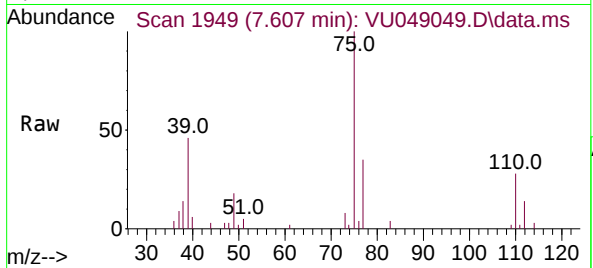
ClientSampleId :

Tgt Ion: 75 Resp: 12848

Ion Ratio Lower Upper

75 100

77 34.9 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 10.073 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

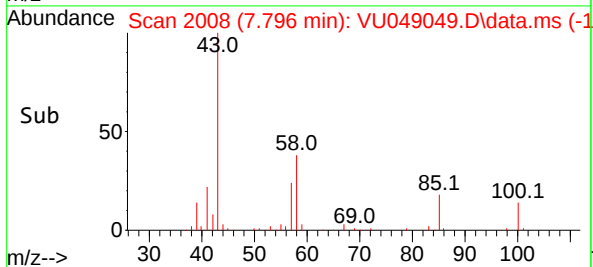
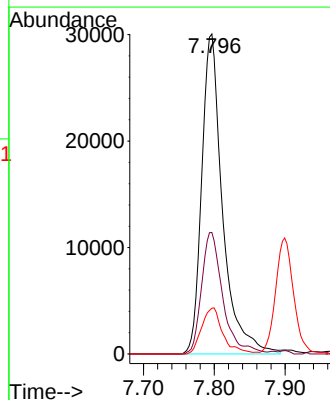
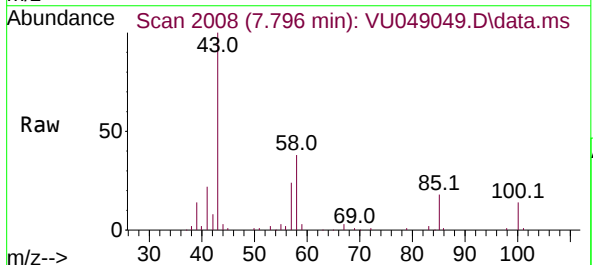
Tgt Ion: 43 Resp: 61474

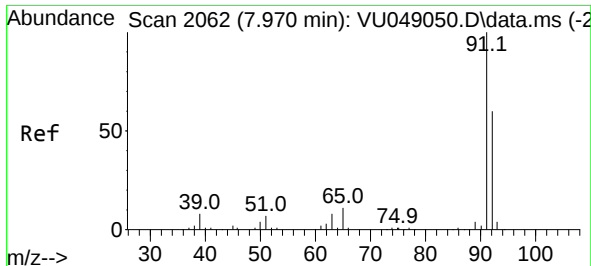
Ion Ratio Lower Upper

43 100

58 38.7 32.6 49.0

100 14.7 12.6 18.8





#42

Toluene

Concen: 1.110 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

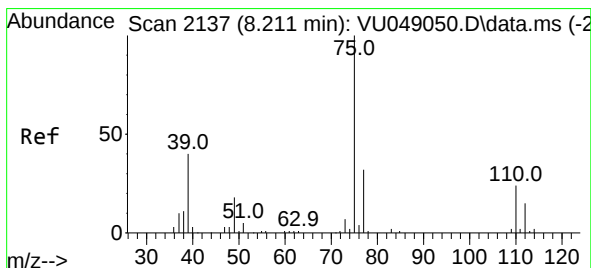
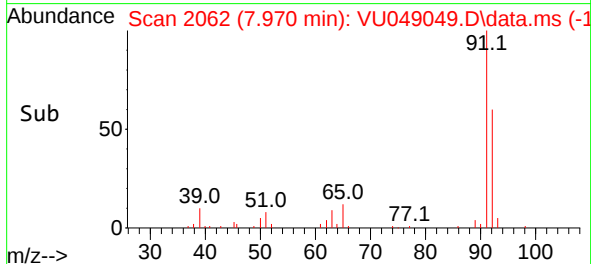
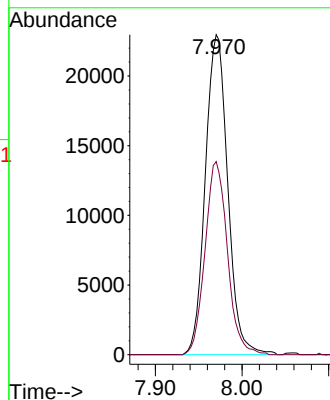
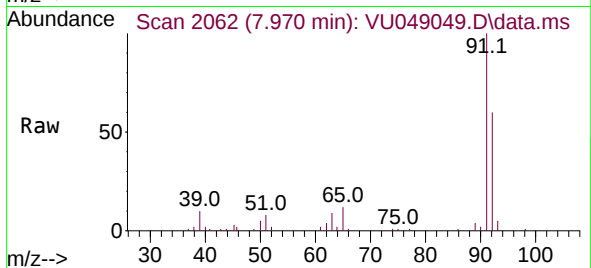
ClientSampleId :

Tgt Ion: 91 Resp: 41347

Ion Ratio Lower Upper

91 100

92 60.4 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 1.010 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049049.D

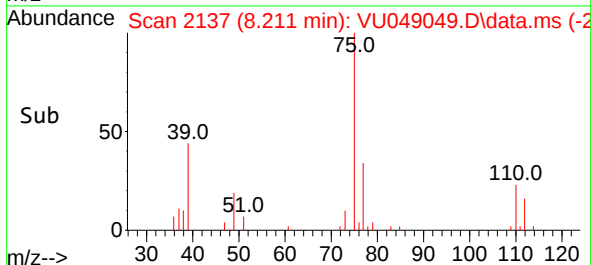
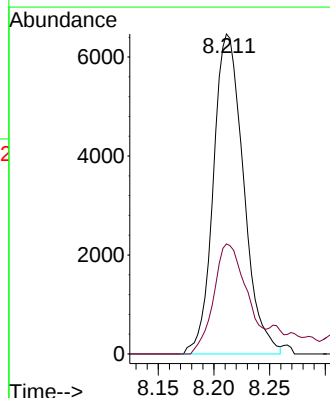
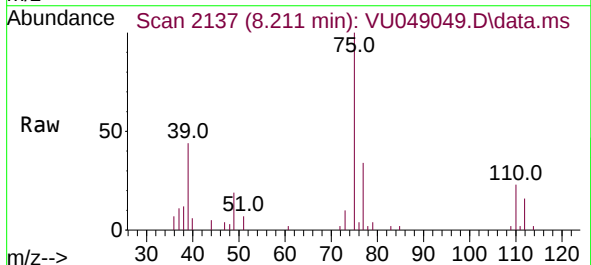
Acq: 11 Jun 2022 12:55

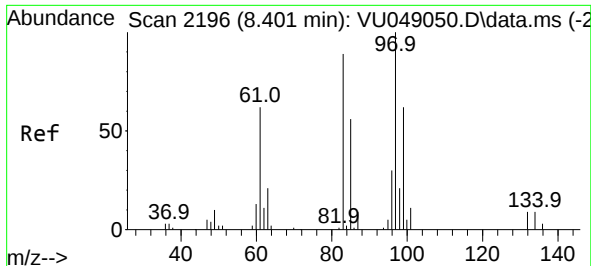
Tgt Ion: 75 Resp: 12194

Ion Ratio Lower Upper

75 100

77 34.4 22.6 42.0

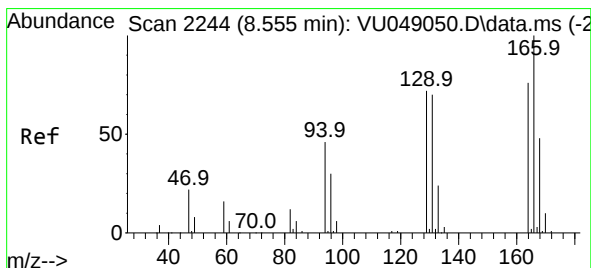
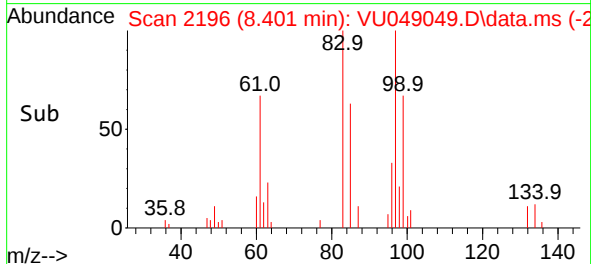
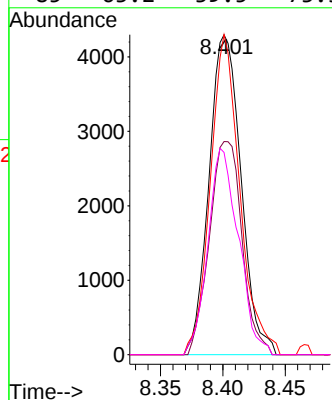
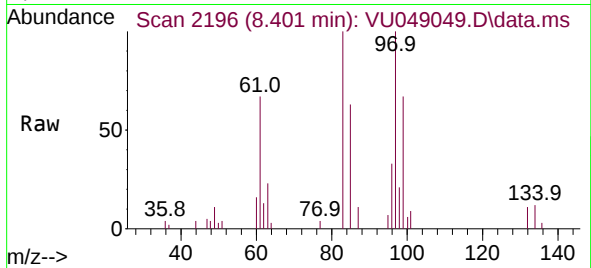




#45
1,1,2-Trichloroethane
Concen: 1.049 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

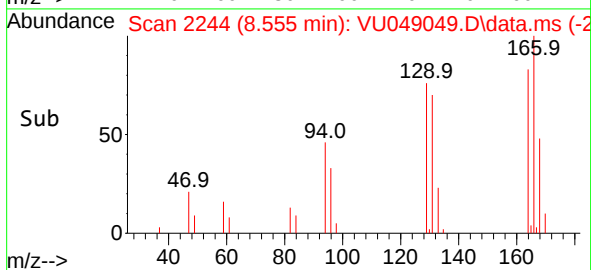
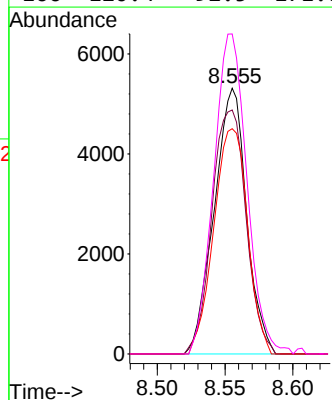
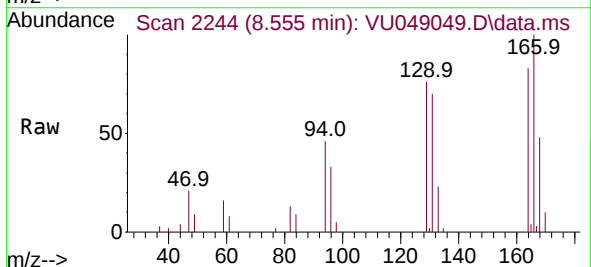
Instrument :
MSVOA_U
ClientSampleId :

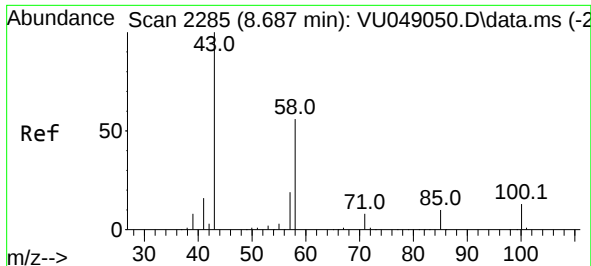
Tgt Ion:	97	Resp:	7666
Ion	Ratio	Lower	Upper
97	100		
99	66.7	43.3	80.5
83	100.1	62.1	115.3
85	63.2	39.5	73.3



#47
Tetrachloroethene
Concen: 1.161 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:	164	Resp:	8837
Ion	Ratio	Lower	Upper
164	100		
129	91.9	67.0	124.4
131	84.8	65.0	120.8
166	120.4	92.5	171.7

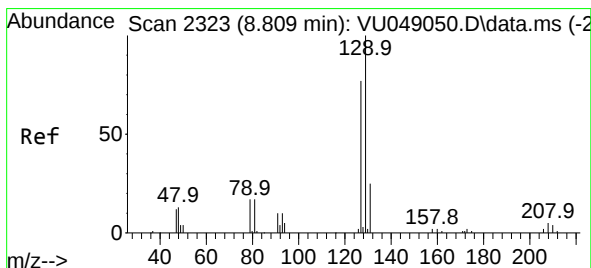
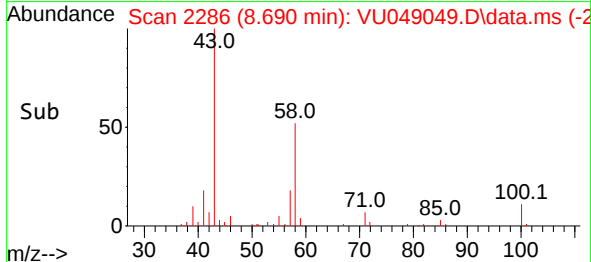
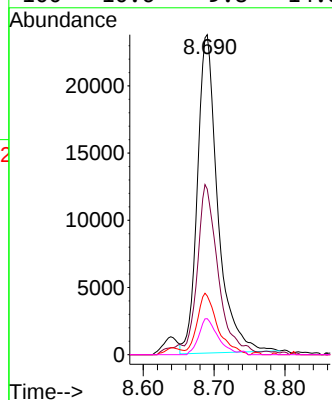
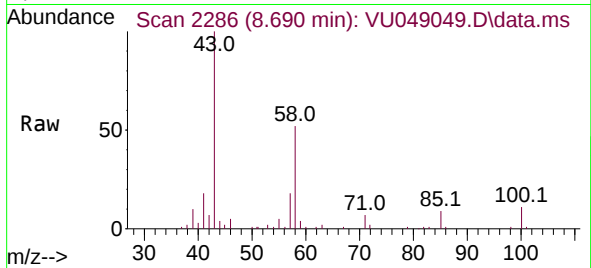




#48
2-Hexanone
Concen: 10.237 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

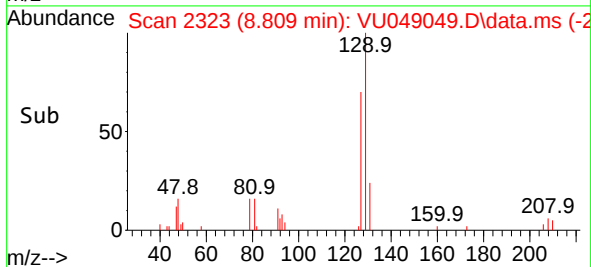
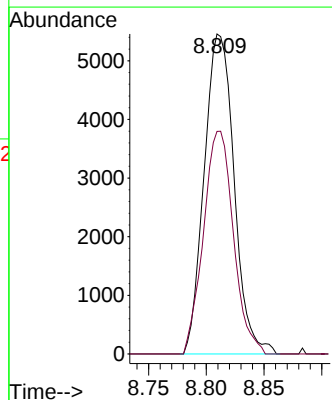
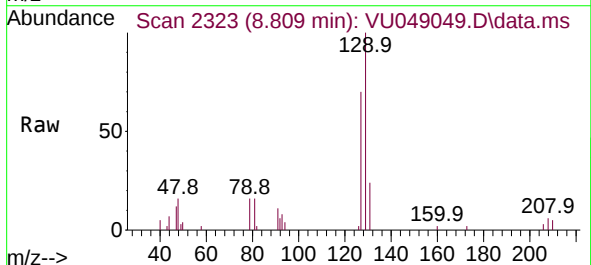
Instrument :
MSVOA_U
ClientSampleId :

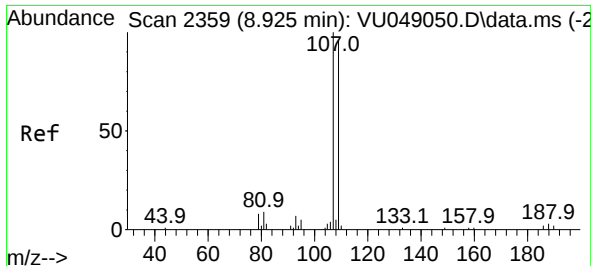
Tgt Ion: 43 Resp: 47327
Ion Ratio Lower Upper
43 100
58 52.3 45.0 67.4
57 19.3 15.9 23.9
100 10.6 9.8 14.8



#49
Dibromochloromethane
Concen: 1.087 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 129 Resp: 9843
Ion Ratio Lower Upper
129 100
127 69.5 54.1 100.5

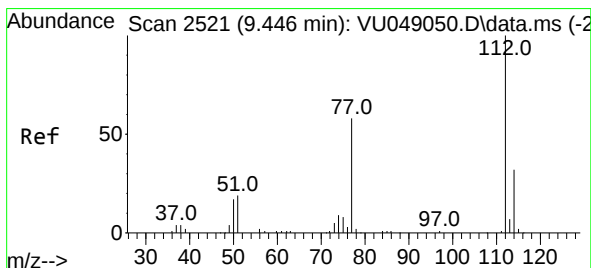
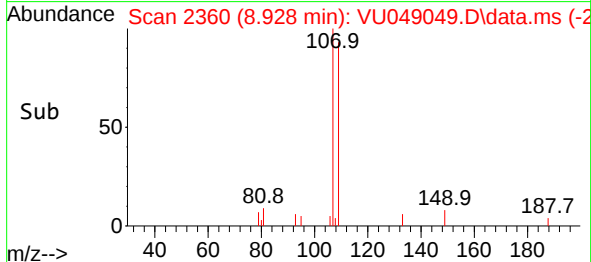
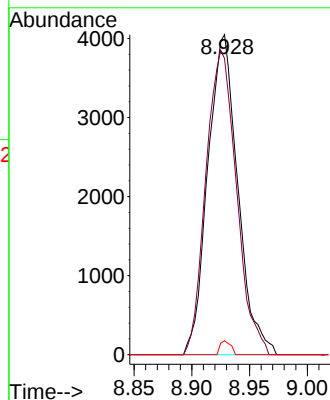
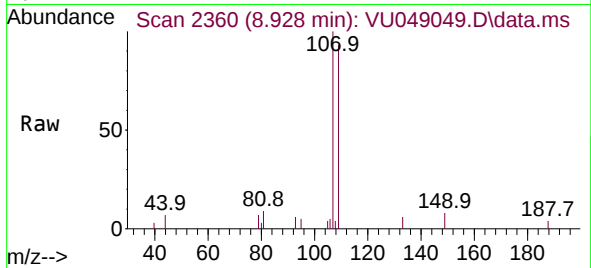




#50
1,2-Dibromoethane
Concen: 1.011 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

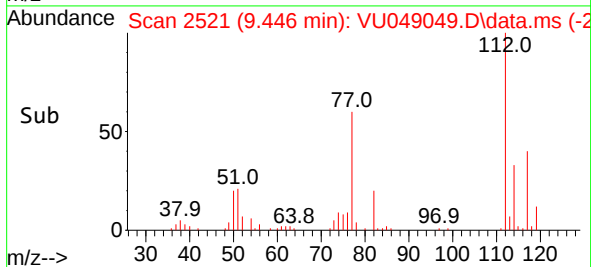
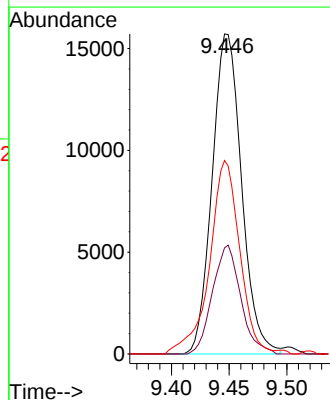
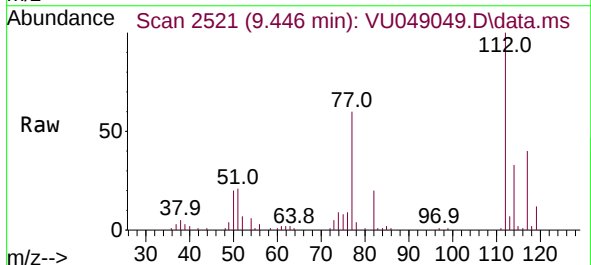
Instrument :
MSVOA_U
ClientSampleId :

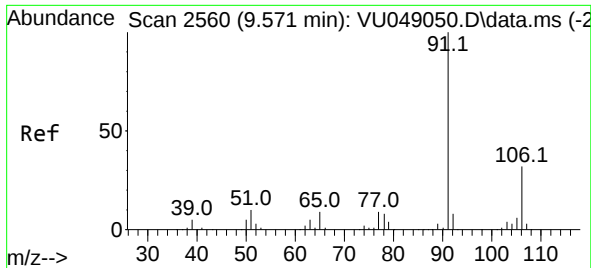
Tgt Ion:107 Resp: 7310
Ion Ratio Lower Upper
107 100
109 92.5 67.0 124.4
188 4.4 2.7 4.1#



#51
Chlorobenzene
Concen: 1.110 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:112 Resp: 27902
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 60.5 46.6 70.0

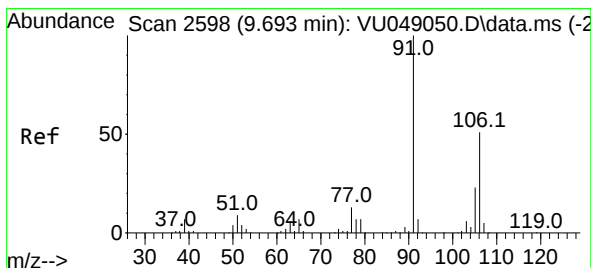
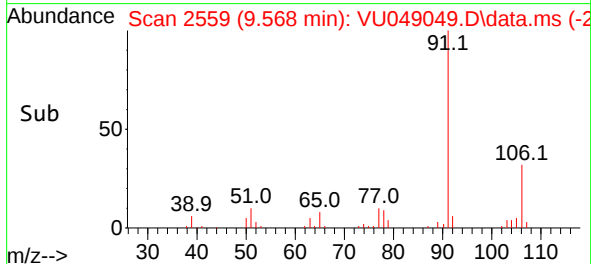
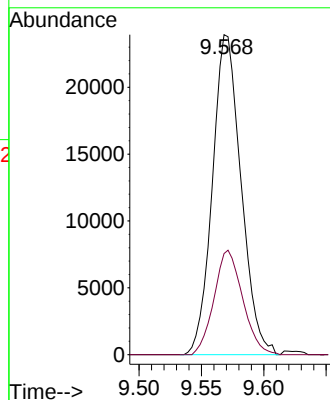
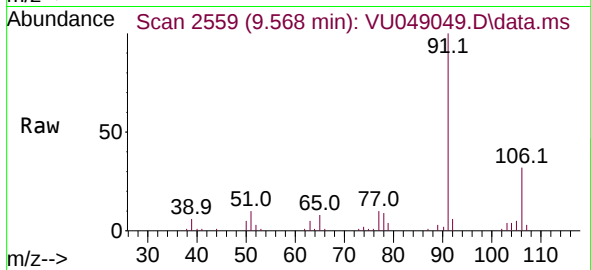




#52
Ethylbenzene
Concen: 0.979 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

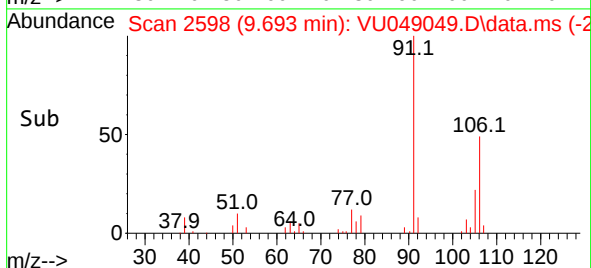
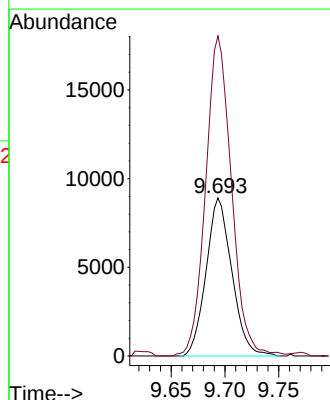
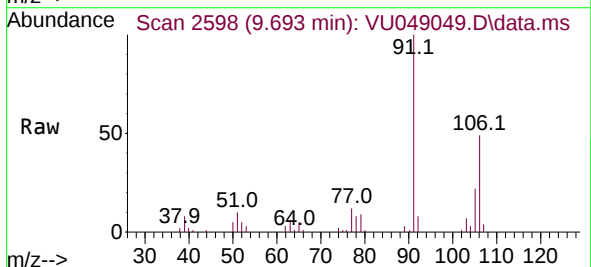
Instrument :
MSVOA_U
ClientSampleId :

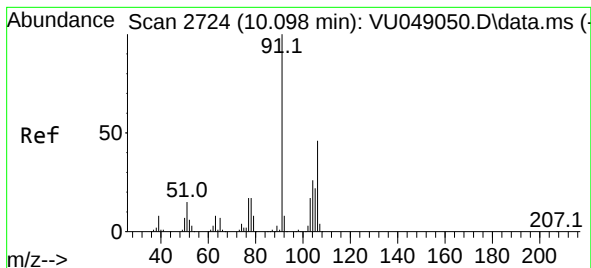
Tgt Ion: 91 Resp: 38319
Ion Ratio Lower Upper
91 100
106 31.6 22.7 42.1



#53
m,p-Xylene
Concen: 0.964 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 106 Resp: 14840
Ion Ratio Lower Upper
106 100
91 202.6 137.4 255.2





#54

o-Xylene

Concen: 0.990 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

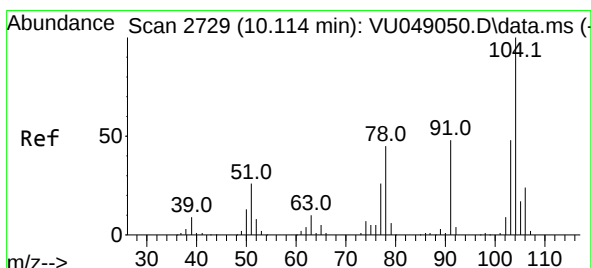
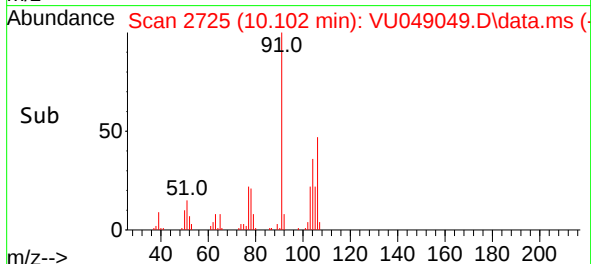
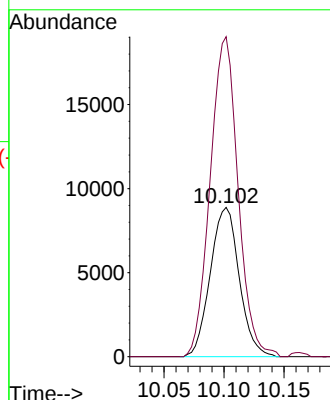
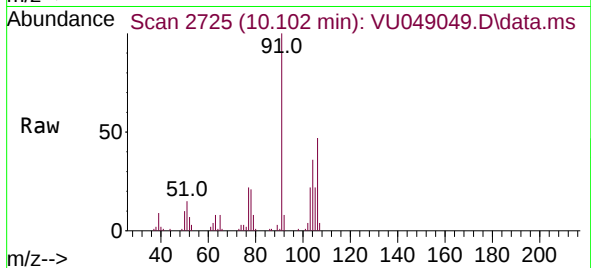
ClientSampleId :

Tgt Ion:106 Resp: 14907

Ion Ratio Lower Upper

106 100

91 214.4 152.5 283.1



#55

Styrene

Concen: 0.954 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049049.D

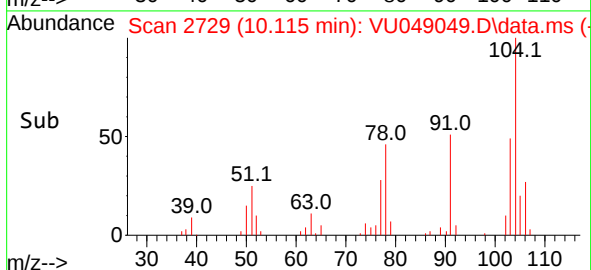
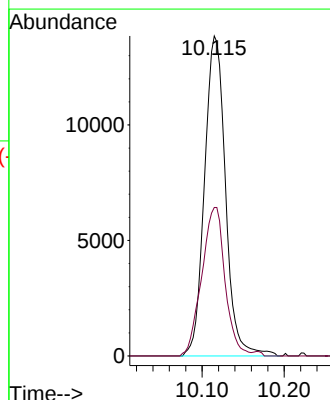
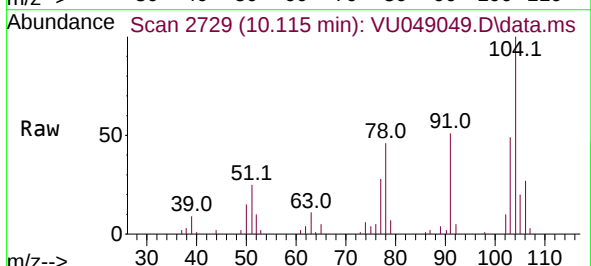
Acq: 11 Jun 2022 12:55

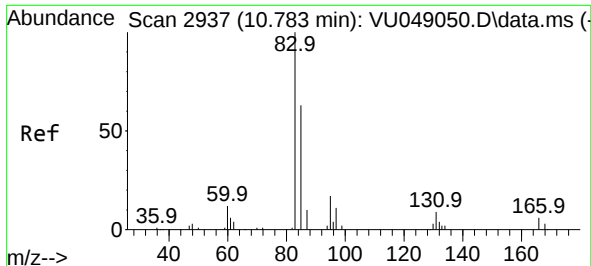
Tgt Ion:104 Resp: 24656

Ion Ratio Lower Upper

104 100

78 46.4 31.1 57.9

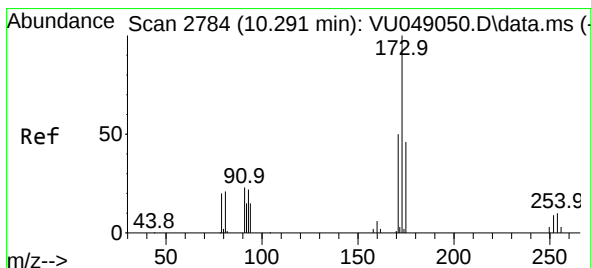
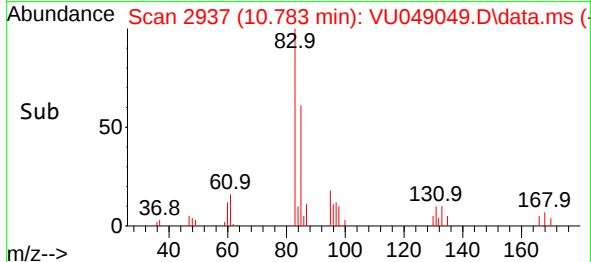
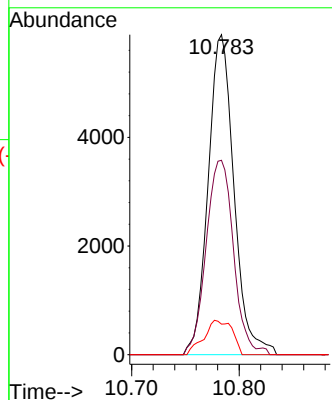
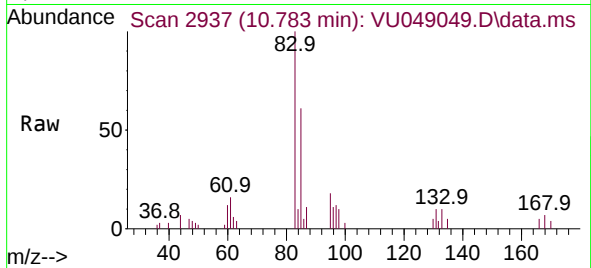




#57
1,1,2,2-Tetrachloroethane
Concen: 1.008 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

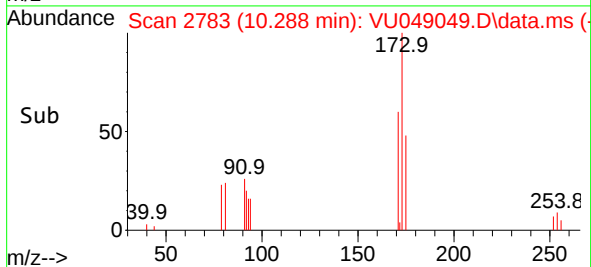
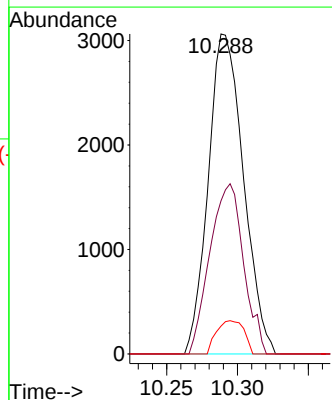
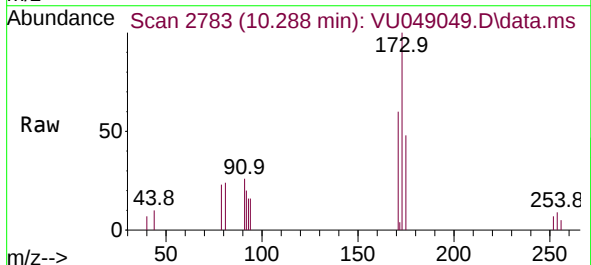
Instrument :
MSVOA_U
ClientSampleId :

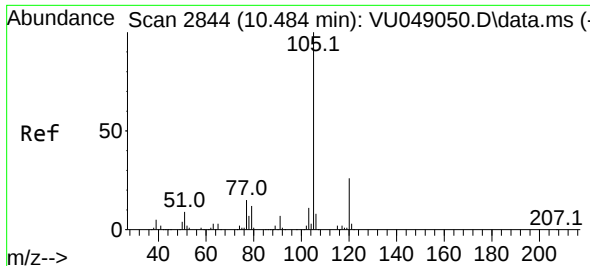
Tgt Ion: 83 Resp: 9845
Ion Ratio Lower Upper
83 100
85 60.8 45.2 84.0
131 9.6 7.8 11.6



#59
Bromoform
Concen: 1.072 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:173 Resp: 5294
Ion Ratio Lower Upper
173 100
175 50.9 37.9 56.9
254 8.1 7.5 11.3

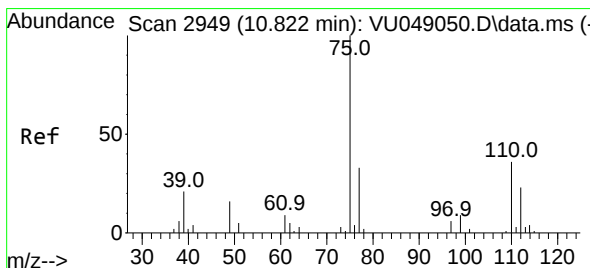
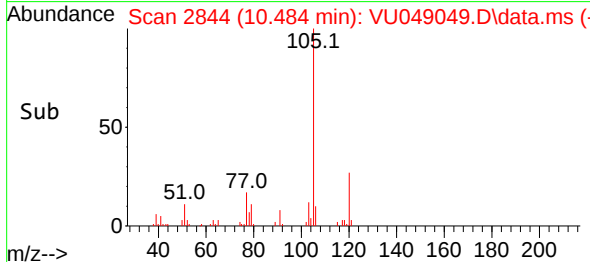
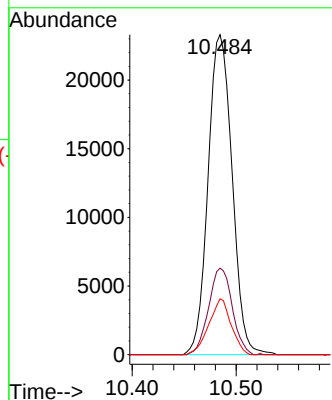
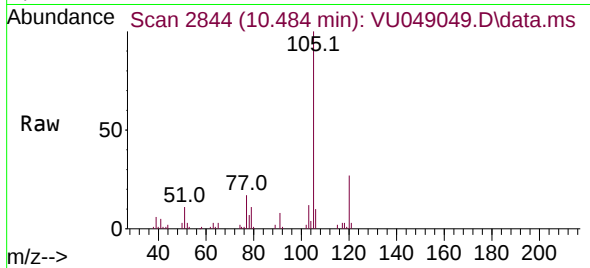




#60
Isopropylbenzene
Concen: 1.120 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

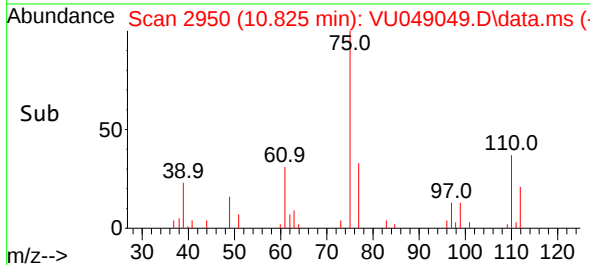
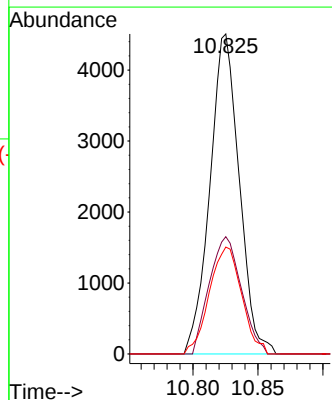
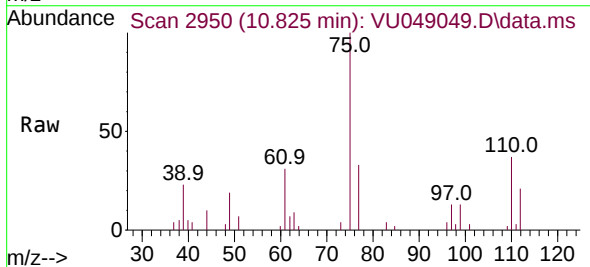
Instrument :
MSVOA_U
ClientSampleId :

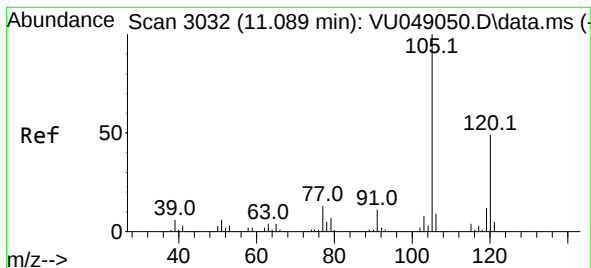
Tgt Ion:105 Resp: 37463
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 16.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 1.161 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion: 75 Resp: 7077
Ion Ratio Lower Upper
75 100
110 40.1 28.6 43.0
77 36.8 25.4 38.0





#62

1,3,5-Trimethylbenzene

Concen: 1.296 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

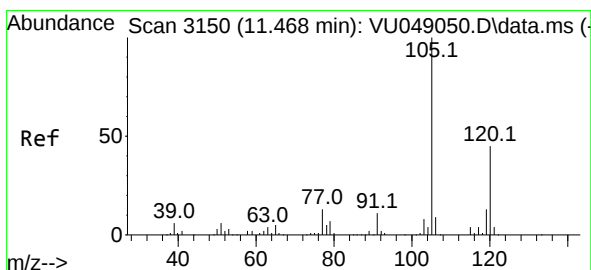
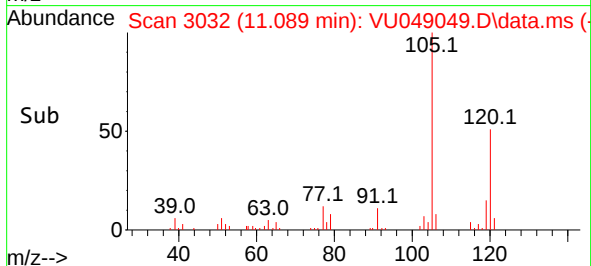
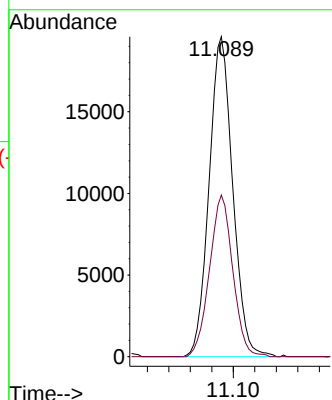
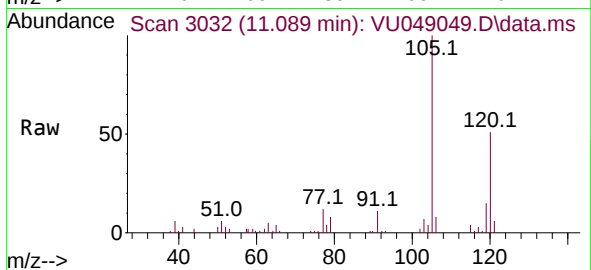
ClientSampleId :

Tgt Ion:105 Resp: 29909

Ion Ratio Lower Upper

105 100

120 49.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 1.025 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049049.D

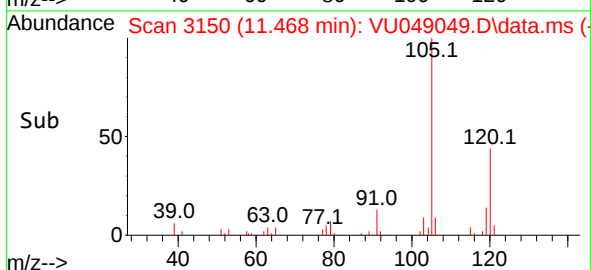
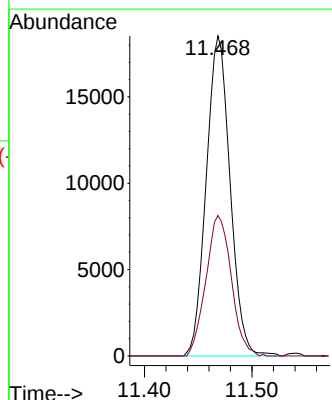
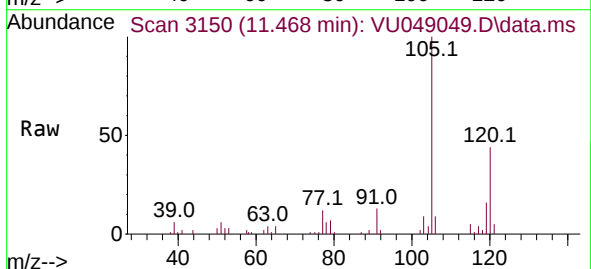
Acq: 11 Jun 2022 12:55

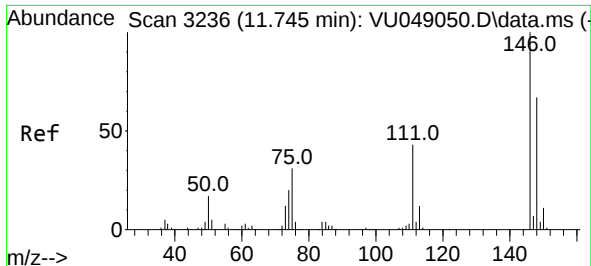
Tgt Ion:105 Resp: 28561

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1

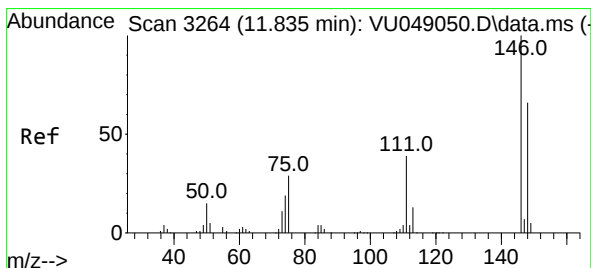
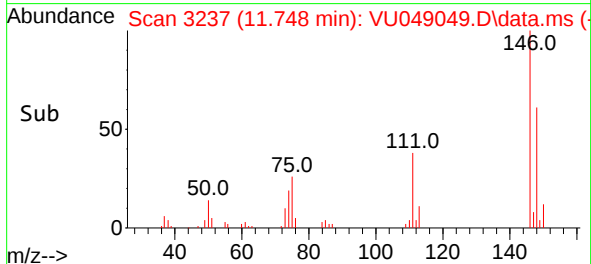
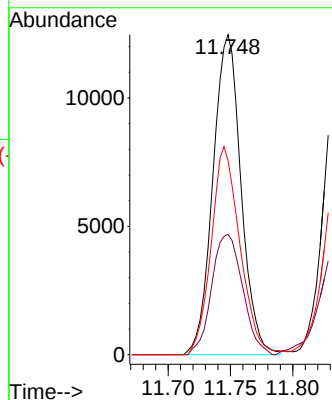
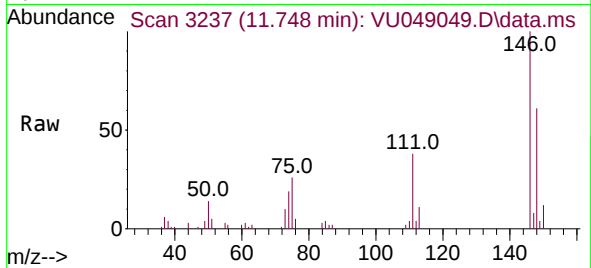




#64
1,3-Dichlorobenzene
Concen: 1.087 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

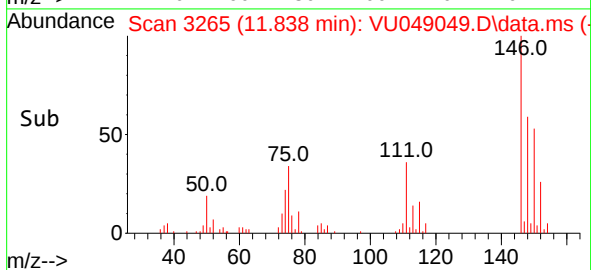
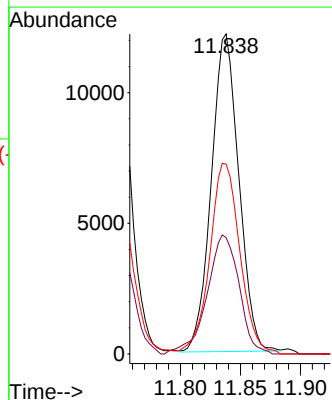
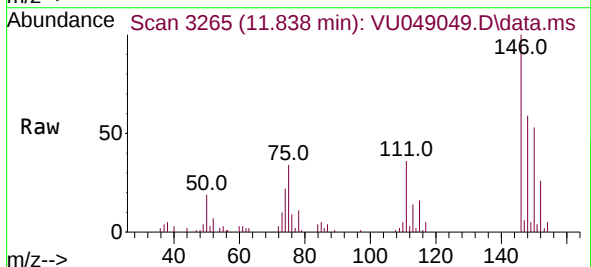
Instrument :
MSVOA_U
ClientSampleId :

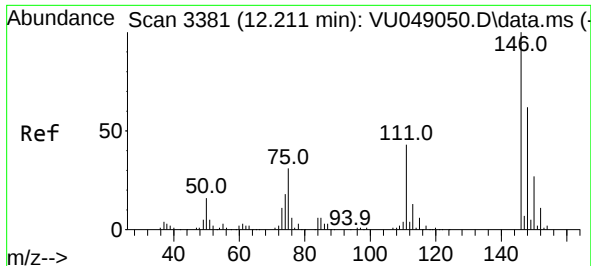
Tgt Ion:146 Resp: 19563
Ion Ratio Lower Upper
146 100
111 37.6 29.8 55.4
148 60.7 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 1.064 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:146 Resp: 19376
Ion Ratio Lower Upper
146 100
111 36.4 27.2 50.6
148 59.3 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 1.077 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :

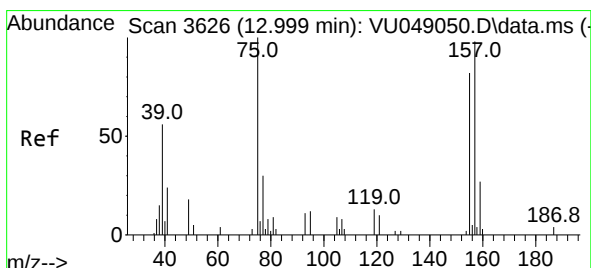
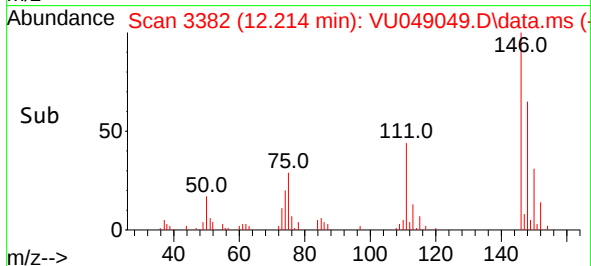
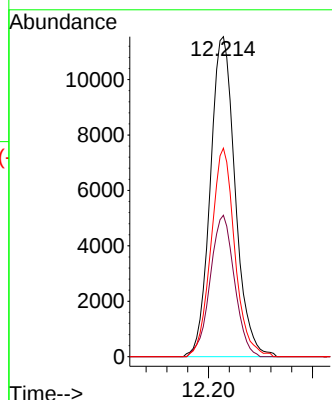
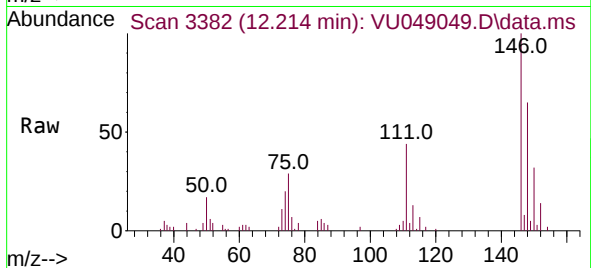
Tgt Ion:146 Resp: 19185

Ion Ratio Lower Upper

146 100

111 44.2 34.1 51.1

148 65.2 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.185 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

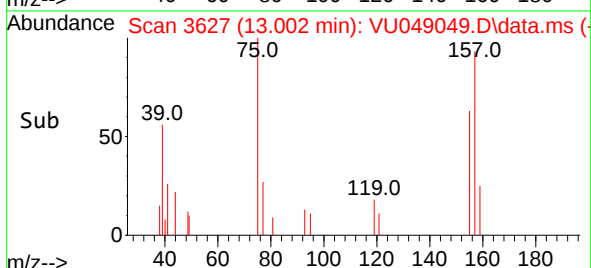
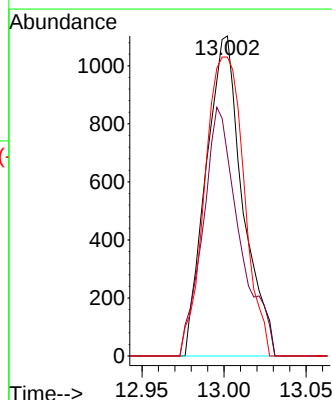
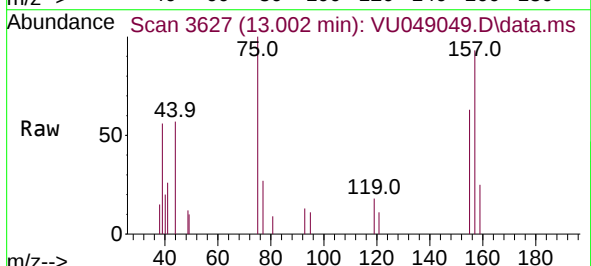
Tgt Ion: 75 Resp: 1710

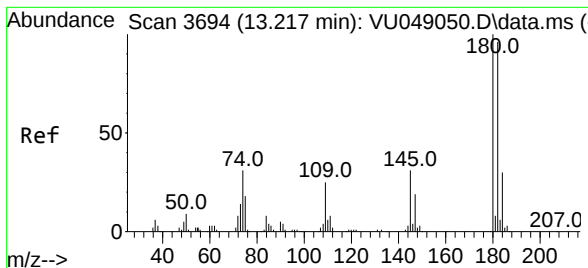
Ion Ratio Lower Upper

75 100

155 62.9 65.8 98.6#

157 93.4 78.6 118.0





#69

1,3,5-Trichlorobenzene

Concen: 0.982 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

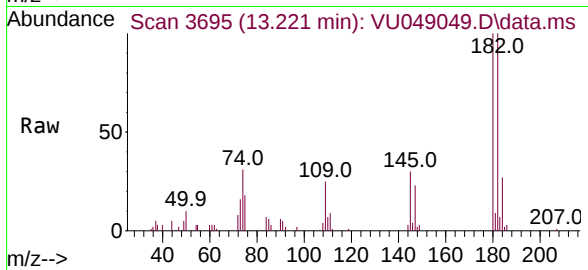
Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 14642

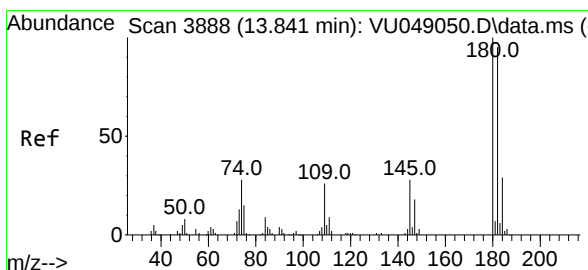
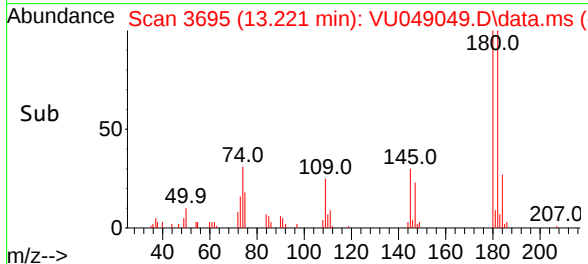
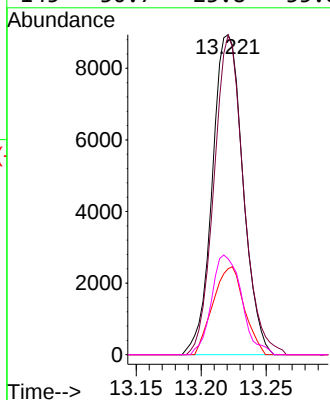
Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

184 27.9 23.6 35.4

145 30.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 0.873 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU049049.D

Acq: 11 Jun 2022 12:55

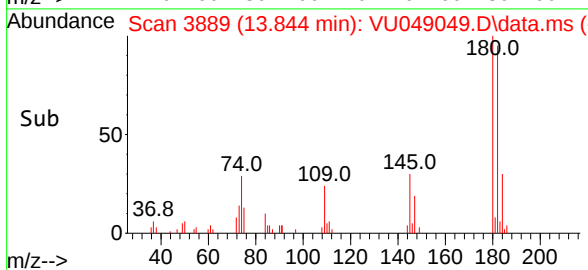
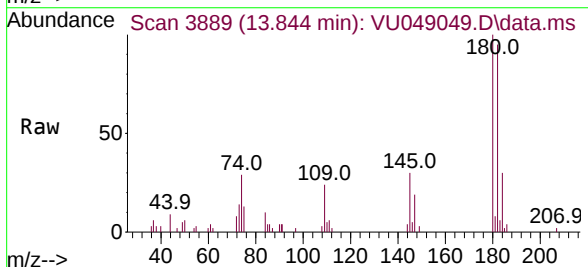
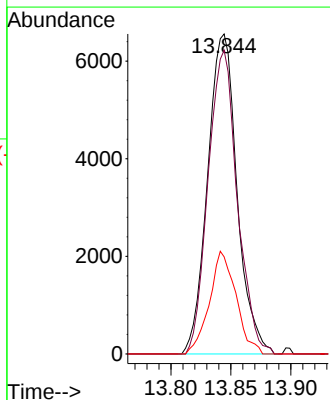
Tgt Ion:180 Resp: 11186

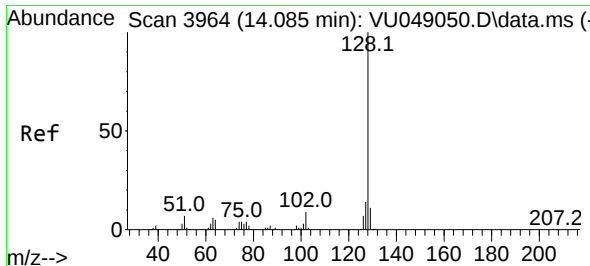
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

145 29.0 23.1 34.7

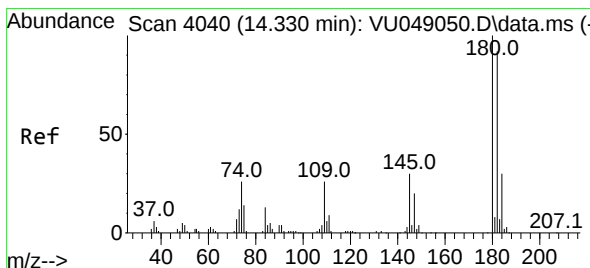
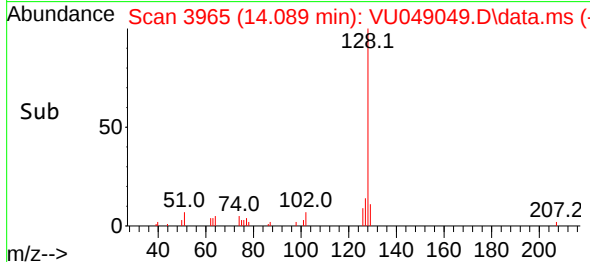
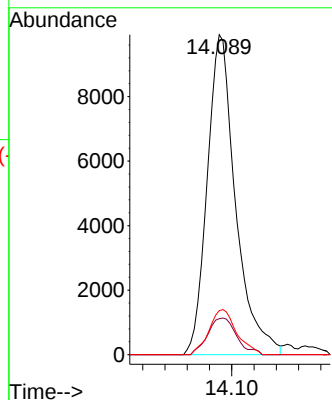
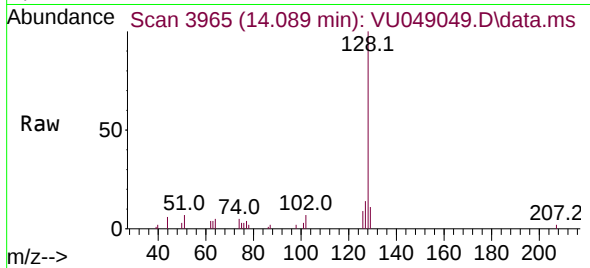




#71
Naphthalene
Concen: 0.749 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 17548
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.7 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.800 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049049.D
Acq: 11 Jun 2022 12:55

Tgt Ion:180 Resp: 9877
Ion Ratio Lower Upper
180 100
182 95.3 74.6 112.0
145 31.7 24.4 36.6

