

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\Not Reviewed Data\
 Data File : VU047103.D
 Acq On : 11 Feb 2022 09:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 14:21:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	487144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	454101	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	242620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	203438	45.982	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	91.960%		
7) Chloroethane-d5	1.919	69	155430	47.391	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	94.780%		
11) 1,1-Dichloroethene-d2	2.575	63	347525	47.400	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	94.800%		
21) 2-Butanone-d5	4.639	46	424282	123.652	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	123.650%		
24) Chloroform-d	5.067	84	341958	47.610	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	95.220%		
26) 1,2-Dichloroethane-d4	5.703	65	221037	47.947	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	95.900%		
32) Benzene-d6	5.729	84	709468	46.994	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	93.980%		
36) 1,2-Dichloropropane-d6	6.694	67	233948	47.785	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	95.580%		
41) Toluene-d8	7.899	98	671102	46.688	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	93.380%		
43) trans-1,3-Dichloroprop...	8.182	79	124385	48.481	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	96.960%		
47) 2-Hexanone-d5	8.636	63	313021	111.602	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	111.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350903	49.155	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	98.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	264086	45.895	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	91.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	229029	50.459	ug/L	99
3) Chloromethane	1.527	50	223316	49.719	ug/L	99
5) Vinyl chloride	1.607	62	227840	50.336	ug/L	99
6) Bromomethane	1.864	94	135006	51.276	ug/L	96
8) Chloroethane	1.938	64	130799	50.125	ug/L	95
9) Trichlorofluoromethane	2.144	101	257957	49.214	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	160974	49.858	ug/L	97
12) 1,1-Dichloroethene	2.584	96	153843	48.565	ug/L	88
13) Acetone	2.655	43	336224	134.513	ug/L	96
14) Carbon disulfide	2.800	76	497522	50.041	ug/L	100
15) Methyl Acetate	2.957	43	249413	59.295	ug/L	94
16) Methylene chloride	3.051	84	176833	50.446	ug/L	92
17) trans-1,2-Dichloroethene	3.359	96	164365	49.386	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	566581	50.341	ug/L	96
19) 1,1-Dichloroethane	3.874	63	312384	49.978	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	185247	50.321	ug/L	93
22) 2-Butanone	4.719	43	436256	130.079	ug/L	95
23) Bromochloromethane	4.980	128	94134	48.217	ug/L	93
25) Chloroform	5.092	83	305854	49.954	ug/L	99

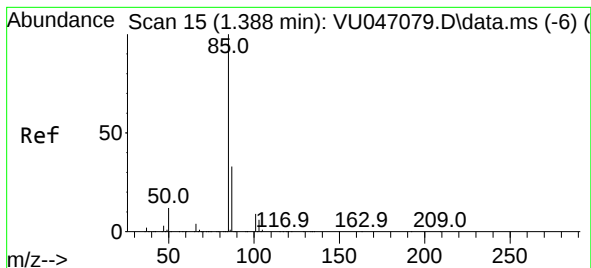
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	248615	51.102	ug/L	100
29) Cyclohexane	5.391	56	305013	51.250	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	270121	49.662	ug/L	98
31) Carbon tetrachloride	5.530	117	235935	50.030	ug/L	99
33) Benzene	5.777	78	711078	50.205	ug/L	100
34) Trichloroethene	6.546	95	184217	50.071	ug/L	99
35) Methylcyclohexane	6.768	83	317414	51.418	ug/L	95
37) 1,2-Dichloropropane	6.793	63	190202	50.134	ug/L	98
38) Bromodichloromethane	7.108	83	240930	49.825	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	317449	51.484	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	685066	114.028	ug/L	94
42) Toluene	7.973	91	785332	50.482	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	307278	51.866	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	178099	49.842	ug/L	95
46) Tetrachloroethene	8.555	164	147735	49.917	ug/L	97
48) 2-Hexanone	8.687	43	592983	119.350	ug/L	95
49) Dibromochloromethane	8.813	129	204956	49.577	ug/L	99
50) 1,2-Dibromoethane	8.925	107	202390	50.990	ug/L	100
51) Chlorobenzene	9.449	112	494407	49.565	ug/L	98
52) Ethylbenzene	9.571	91	847413	49.772	ug/L	99
53) m,p-Xylene	9.697	106	334359	49.497	ug/L	96
54) o-xylene	10.102	106	327937	49.306	ug/L	97
55) Styrene	10.118	104	563342	49.225	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	330107	52.403	ug/L	99
59) Bromoform	10.292	173	164878	50.056	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	277023	53.562	ug/L	95
61) Isopropylbenzene	10.488	105	854139	50.080	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	600398	49.671	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	738028	50.289	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	396633	49.839	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	398758	49.846	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	389010	49.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	90652	55.015	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	306538	49.808	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	283664	48.623	ug/L	99
71) Naphthalene	14.086	128	1025358	49.645	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	278626	47.965	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 50.459 ug/L

RT: 1.385 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU047103.D

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Instrument :

MSVOA_U

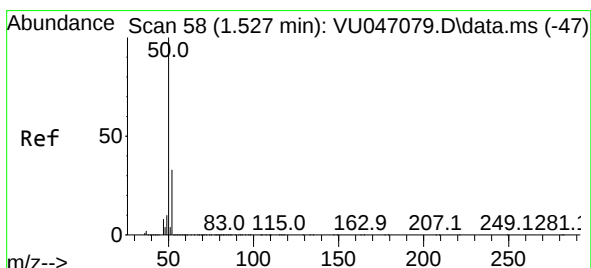
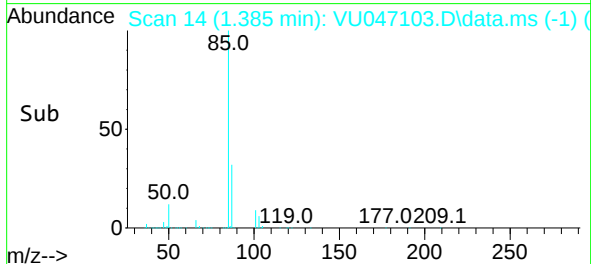
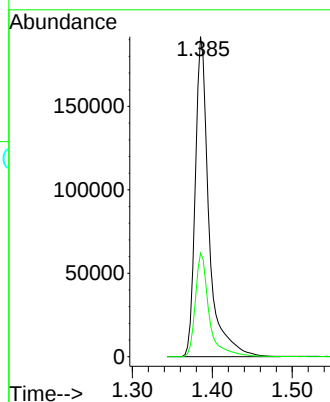
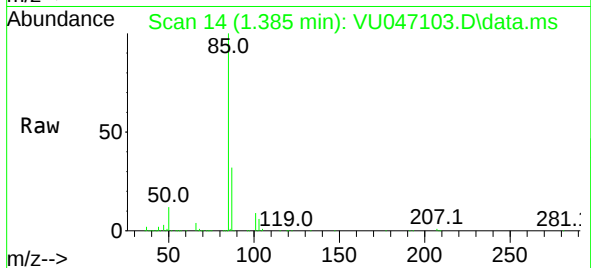
ClientSampleId :

Tgt Ion: 85 Resp: 229029

Ion Ratio Lower Upper

85 100

87 32.6 25.6 38.4



#3

Chloromethane

Concen: 49.719 ug/L

RT: 1.527 min Scan# 58

Delta R.T. 0.000 min

Lab File: VU047103.D

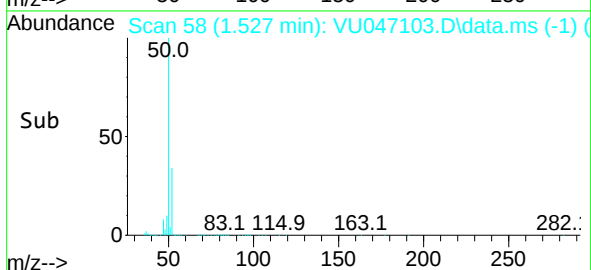
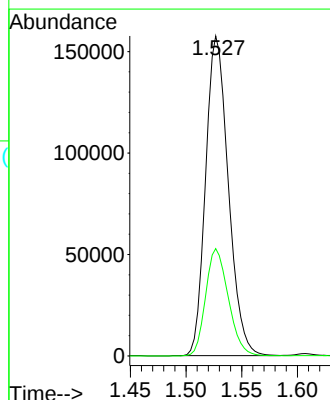
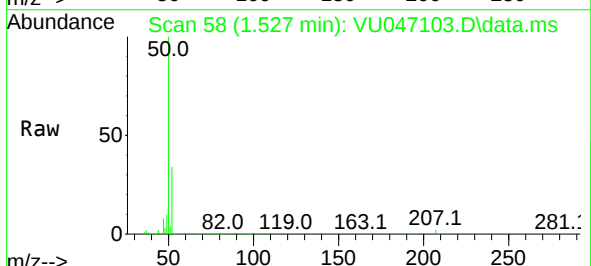
Acq: 11 Feb 2022 09:57

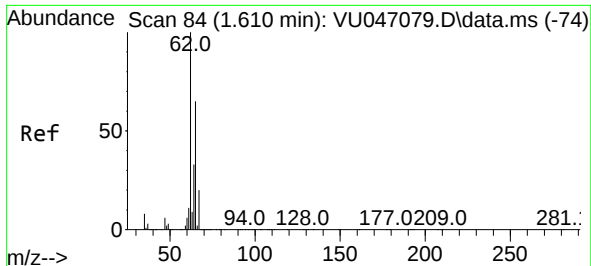
Tgt Ion: 50 Resp: 223316

Ion Ratio Lower Upper

50 100

52 33.5 23.2 43.2

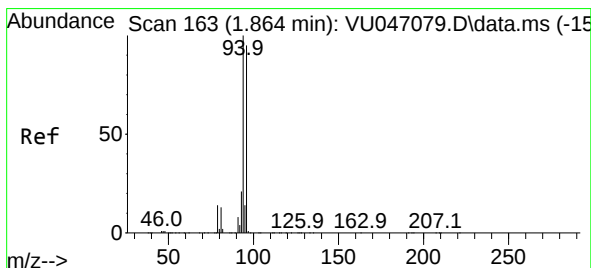
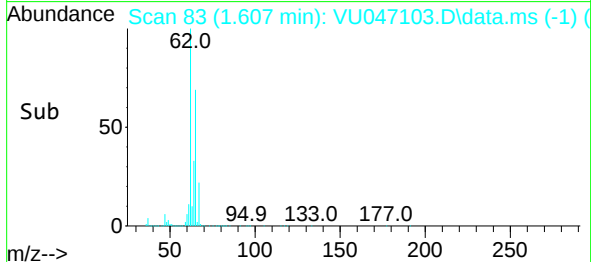
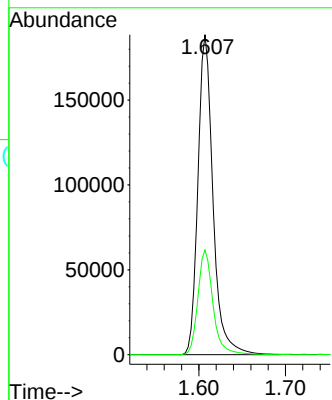
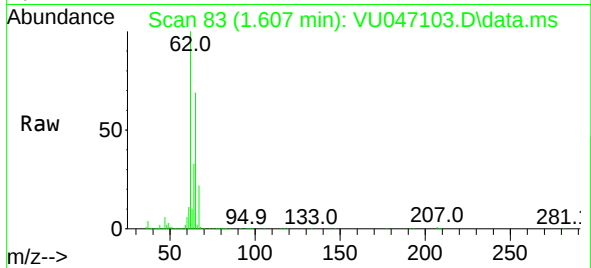




#5
 Vinyl chloride
 Concen: 50.336 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

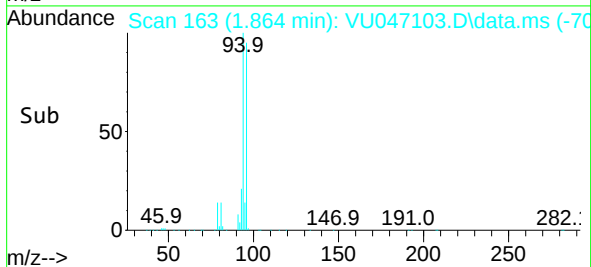
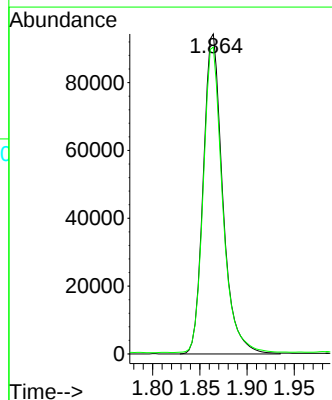
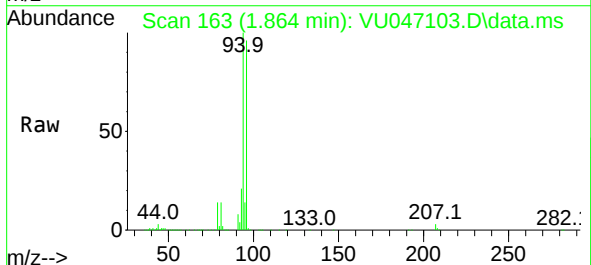
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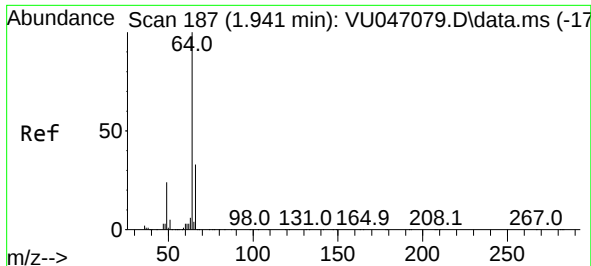
Tgt Ion: 62 Resp: 227840
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 51.276 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

Tgt Ion: 94 Resp: 135006
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.4 119.6

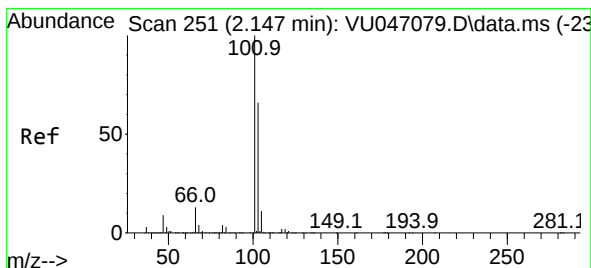
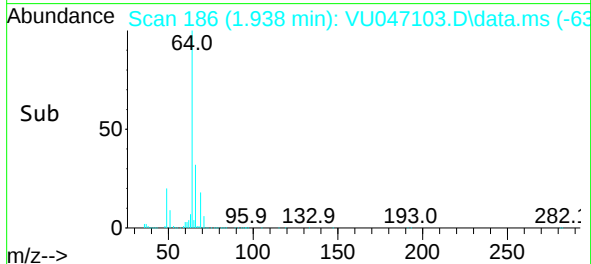
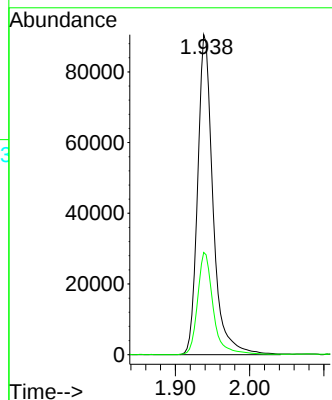
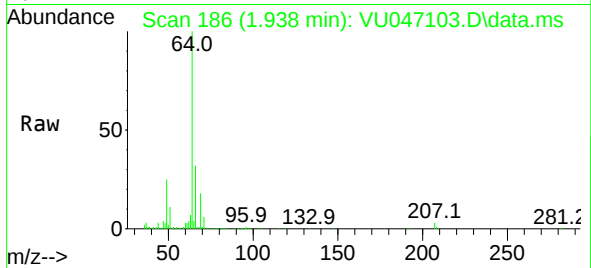




#8
Chloroethane
Concen: 50.125 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

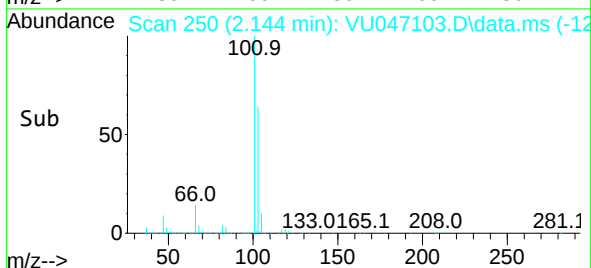
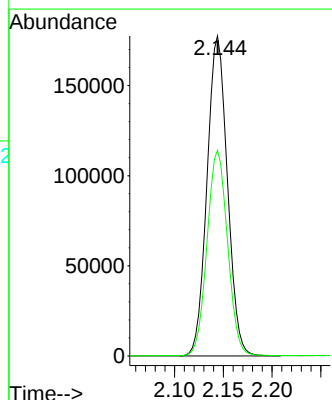
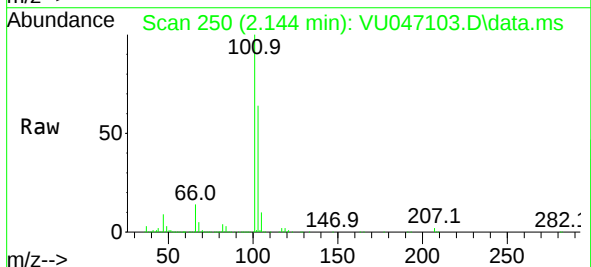
Instrument :
MSVOA_U
ClientSampleId :

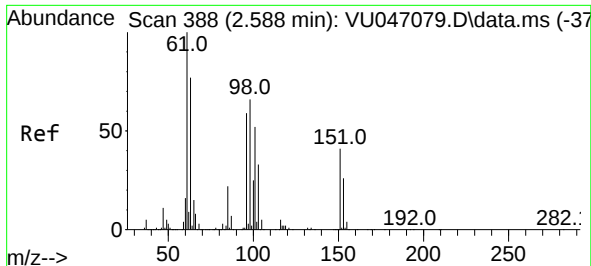
Tgt Ion: 64 Resp: 130799
Ion Ratio Lower Upper
64 100
66 31.9 24.4 45.2



#9
Trichlorofluoromethane
Concen: 49.214 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion:101 Resp: 257957
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0





#10

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

Concen: 49.858 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

ClientSampleId :

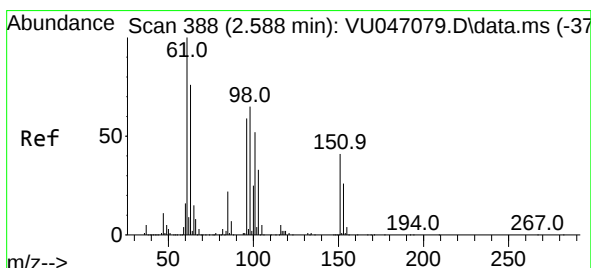
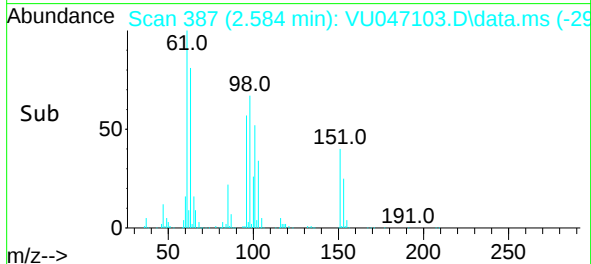
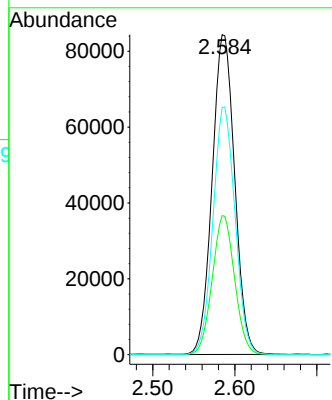
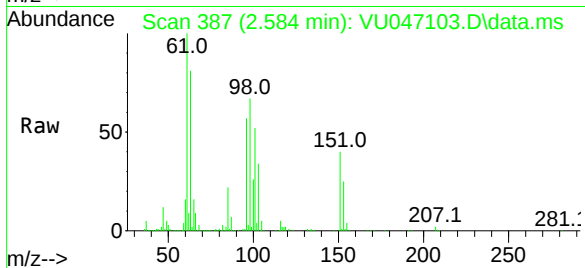
Tgt Ion:101 Resp: 160974

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

151 76.3 58.3 87.5



#12

1,1-Dichloroethene

Concen: 48.565 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

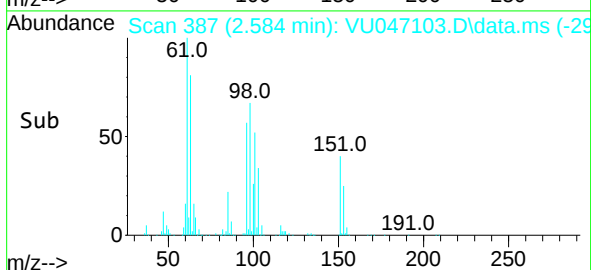
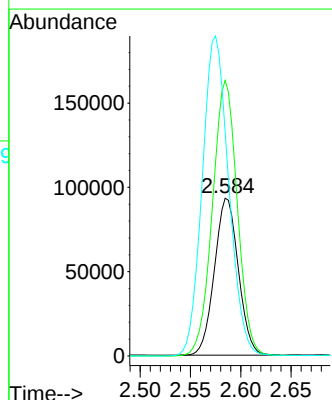
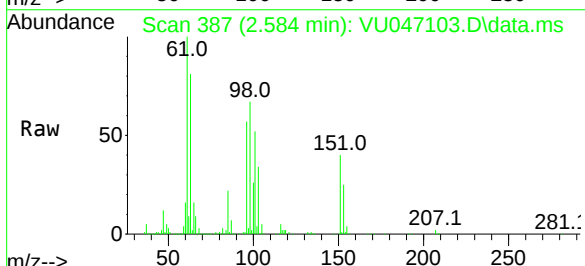
Tgt Ion: 96 Resp: 153843

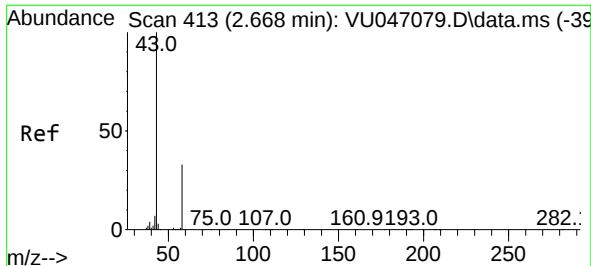
Ion Ratio Lower Upper

96 100

61 174.7 114.9 213.3

63 142.1 86.0 159.8

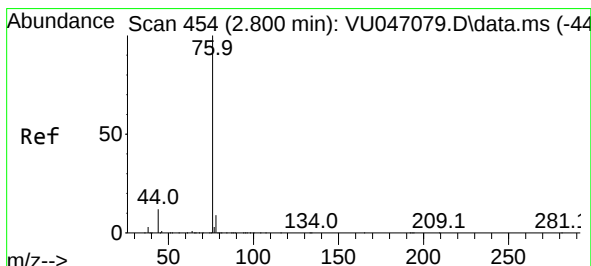
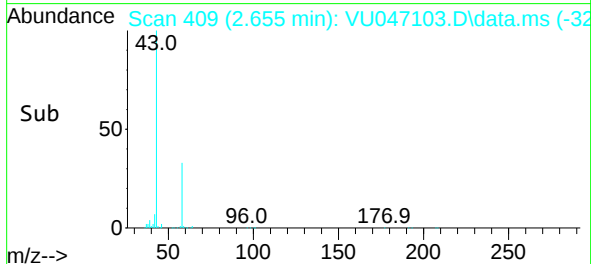
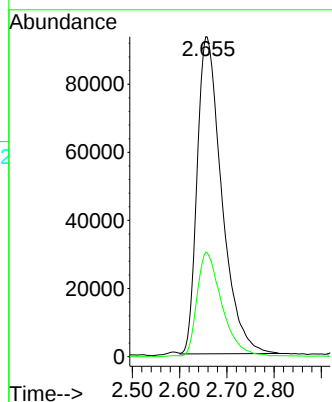
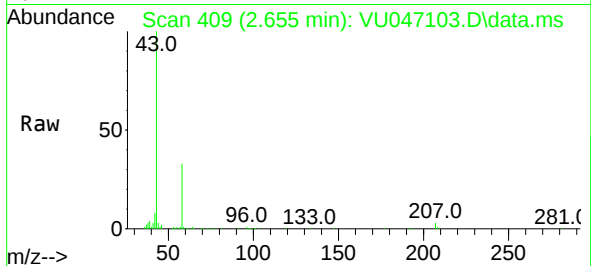




#13
Acetone
Concen: 134.513 ug/L
RT: 2.655 min Scan# 413
Delta R.T. -0.013 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

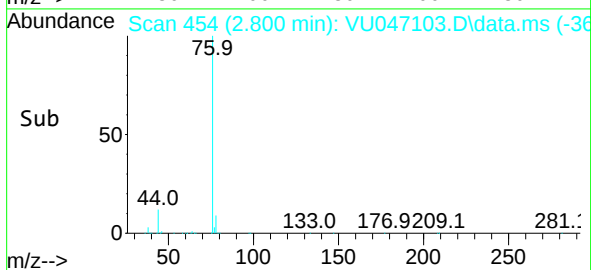
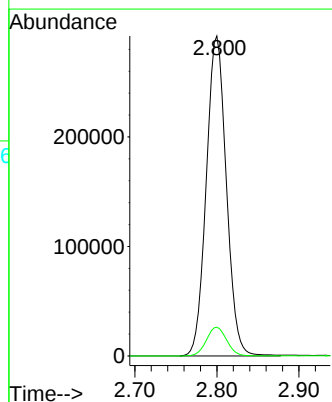
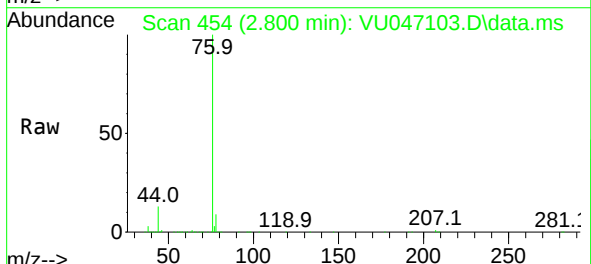
Instrument :
MSVOA_U
ClientSampleId :

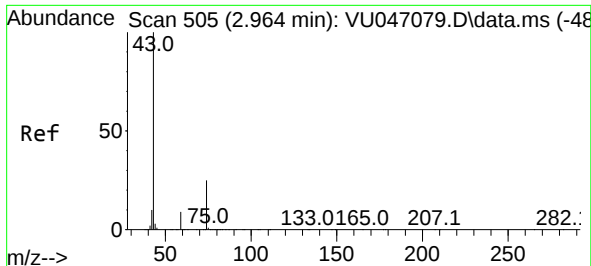
Tgt Ion: 43 Resp: 336224
Ion Ratio Lower Upper
43 100
58 32.9 0.0 71.0



#14
Carbon disulfide
Concen: 50.041 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 76 Resp: 497522
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

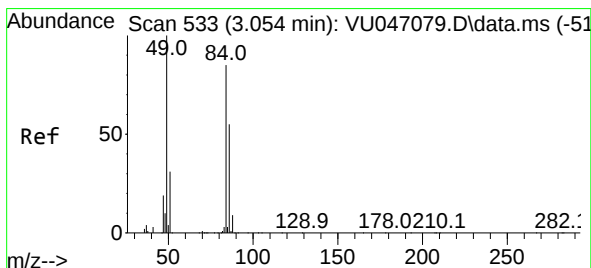
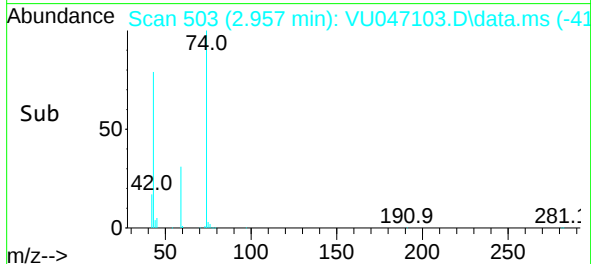
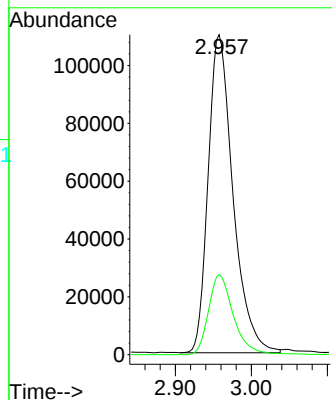
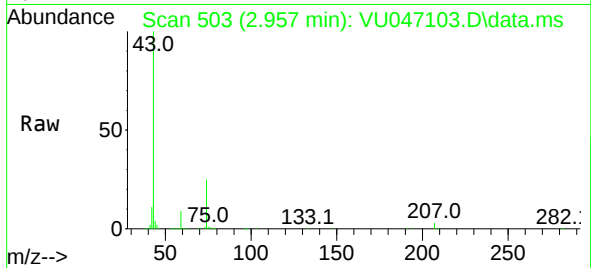




#15
Methyl Acetate
Concen: 59.295 ug/L
RT: 2.957 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

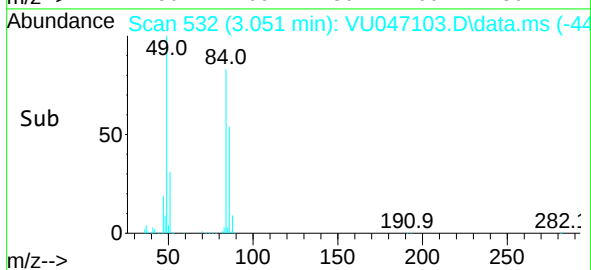
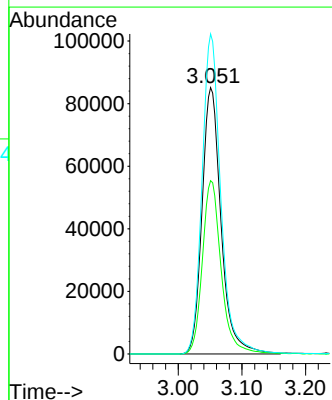
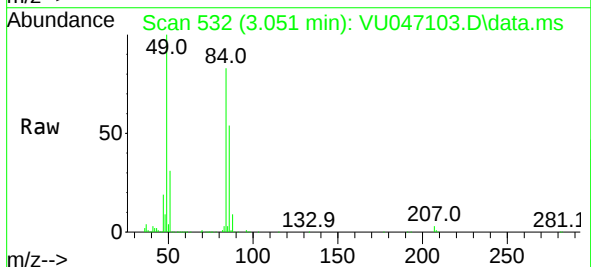
Instrument :
MSVOA_U
ClientSampleId :

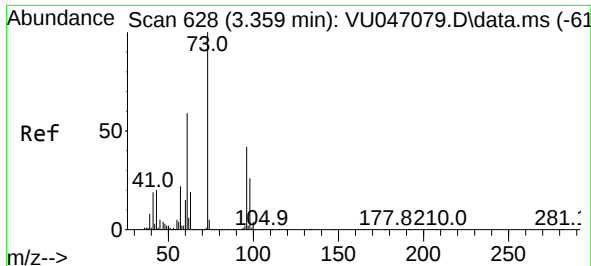
Tgt Ion: 43 Resp: 249413
Ion Ratio Lower Upper
43 100
74 25.0 22.3 33.5



#16
Methylene chloride
Concen: 50.446 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

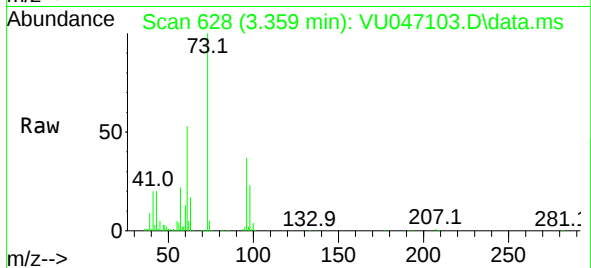
Tgt Ion: 84 Resp: 176833
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 120.2 75.9 141.1



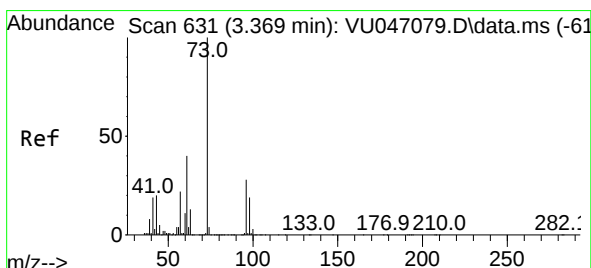
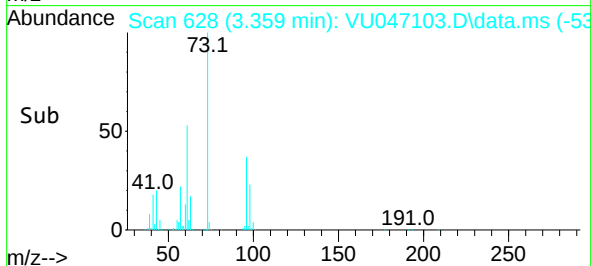
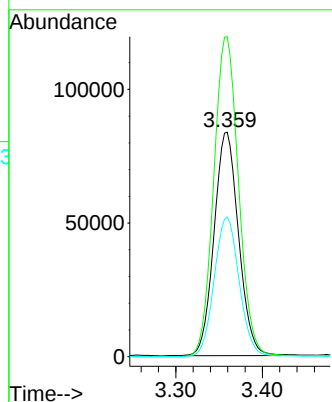


#17
 trans-1,2-Dichloroethene
 Concen: 49.386 ug/L
 RT: 3.359 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

Instrument :
 MSVOA_U
 ClientSampleId :

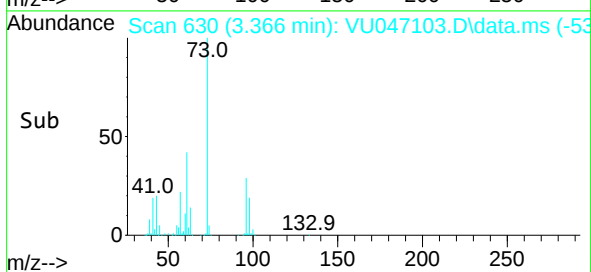
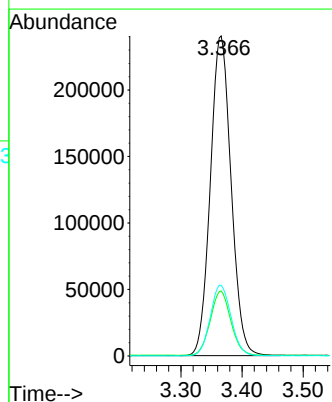
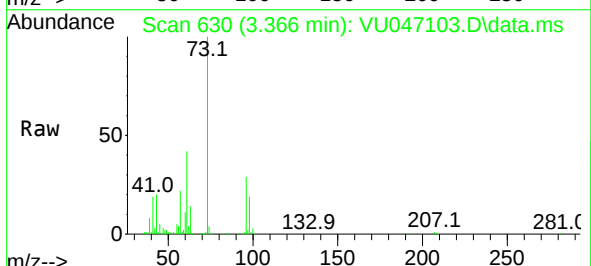


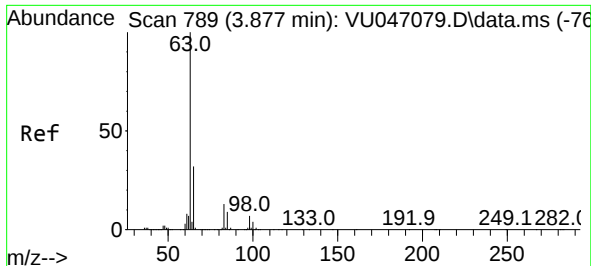
Tgt Ion: 96 Resp: 164365
 Ion Ratio Lower Upper
 96 100
 61 142.6 92.5 171.9
 98 62.3 42.4 78.6



#18
 Methyl tert-butyl Ether
 Concen: 50.341 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. -0.003 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

Tgt Ion: 73 Resp: 566581
 Ion Ratio Lower Upper
 73 100
 43 20.0 14.1 21.1
 57 22.1 16.4 24.6





#19

1,1-Dichloroethane

Concen: 49.978 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

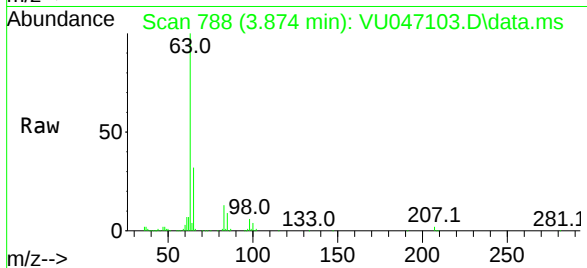
Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

ClientSampleId :



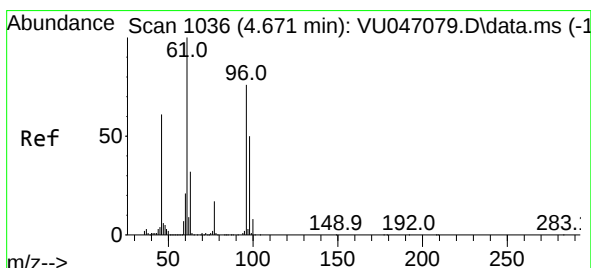
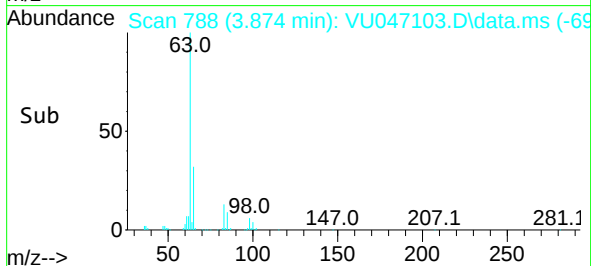
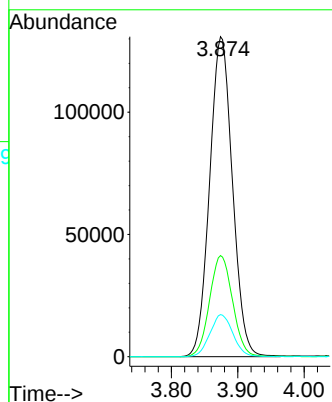
Tgt Ion: 63 Resp: 312384

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.321 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

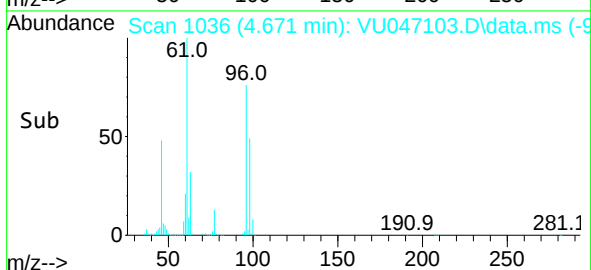
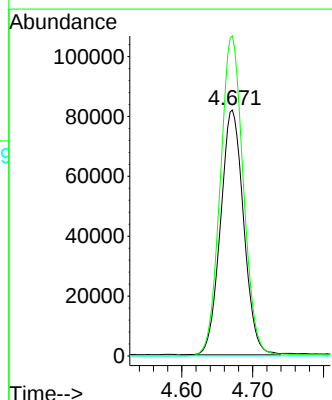
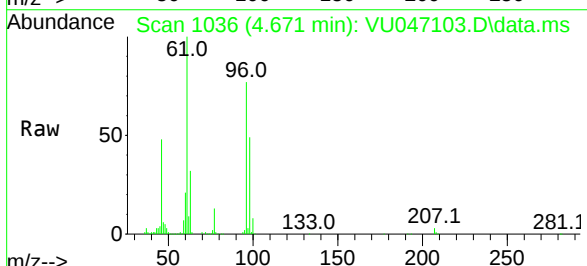
Tgt Ion: 96 Resp: 185247

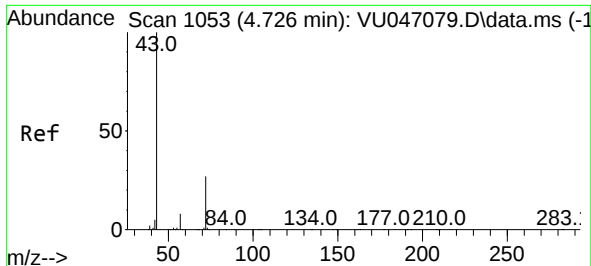
Ion Ratio Lower Upper

96 100

61 130.1 86.0 159.6

68 0.0 0.0 0.0

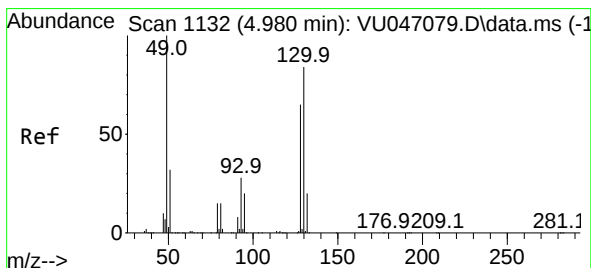
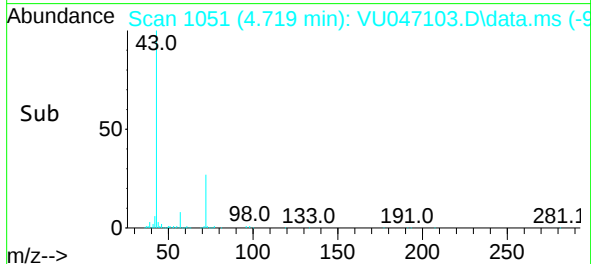
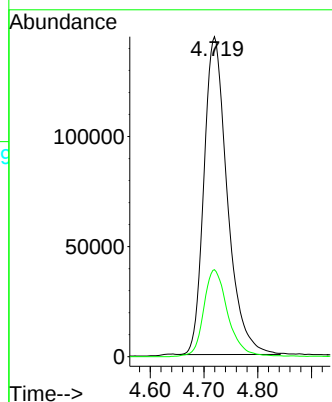
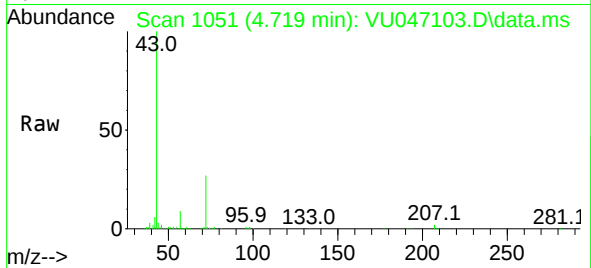




#22
2-Butanone
Concen: 130.079 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

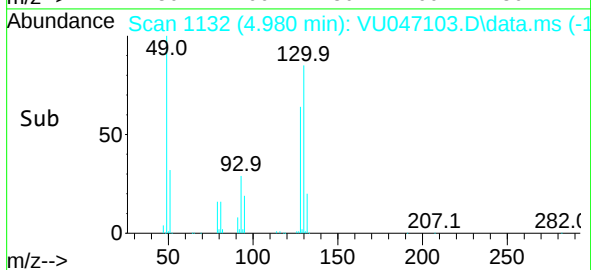
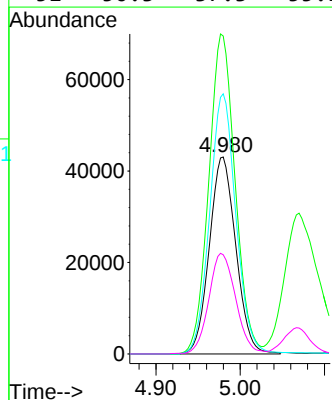
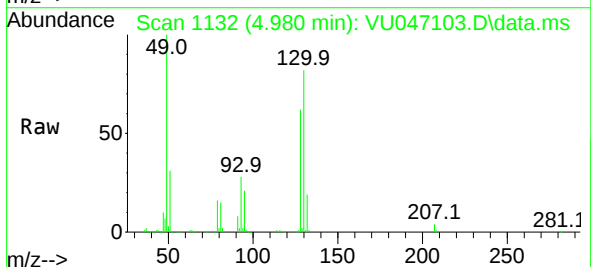
Instrument :
MSVOA_U
ClientSampleId :

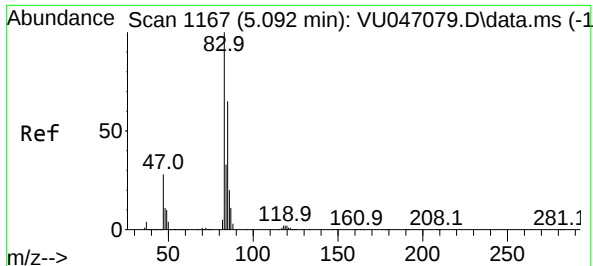
Tgt Ion: 43 Resp: 436256
Ion Ratio Lower Upper
43 100
72 28.3 15.6 46.8



#23
Bromochloromethane
Concen: 48.217 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

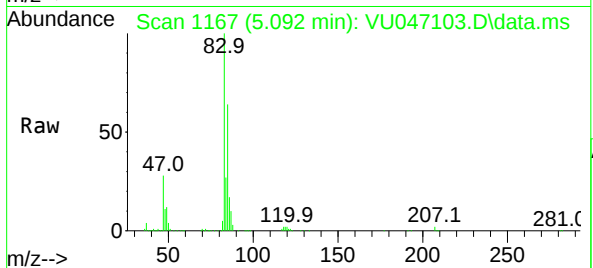
Tgt Ion:128 Resp: 94134
Ion Ratio Lower Upper
128 100
49 161.3 105.4 195.8
130 132.1 88.7 164.7
51 50.3 37.3 55.9



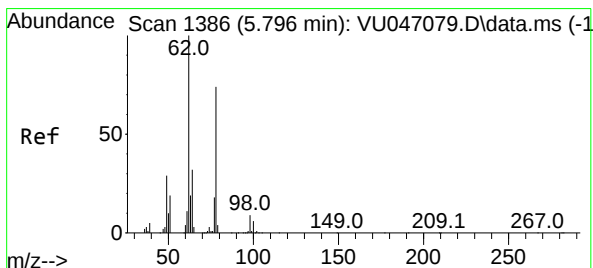
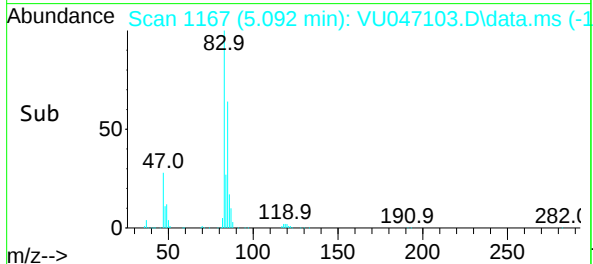
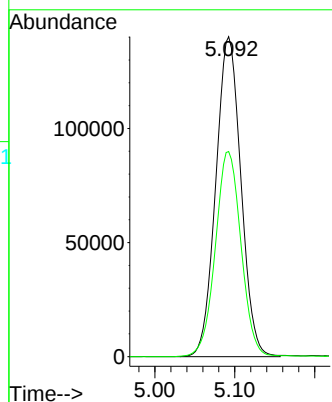


#25
Chloroform
Concen: 49.954 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Instrument :
MSVOA_U
ClientSampleId :

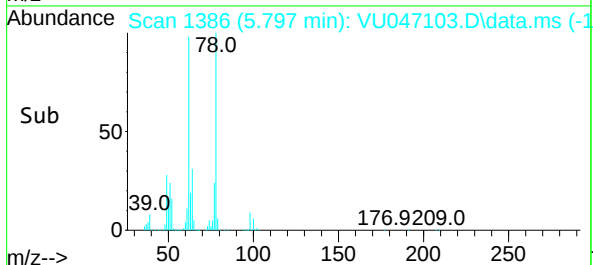
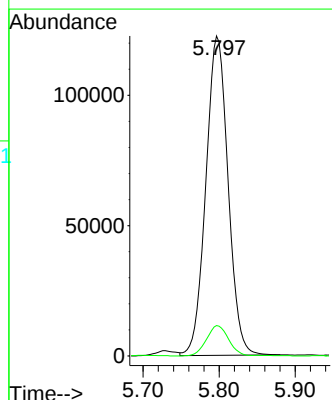
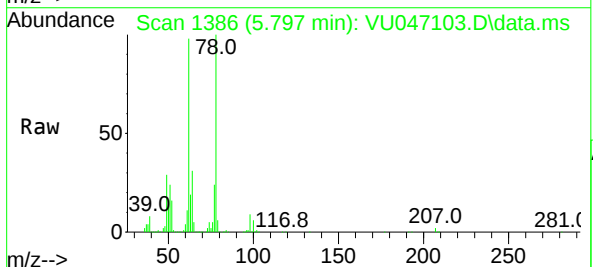


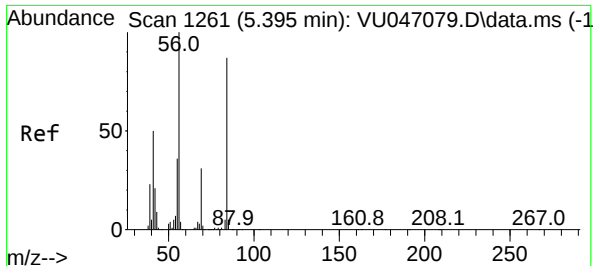
Tgt Ion: 83 Resp: 305854
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 51.102 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 62 Resp: 248615
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 51.250 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

ClientSampleId :

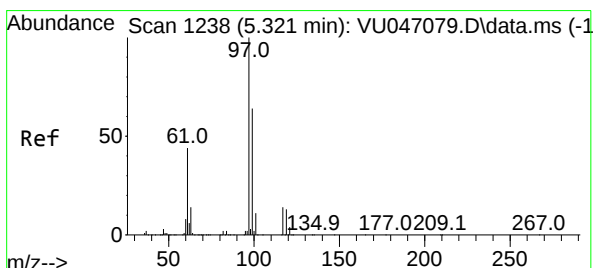
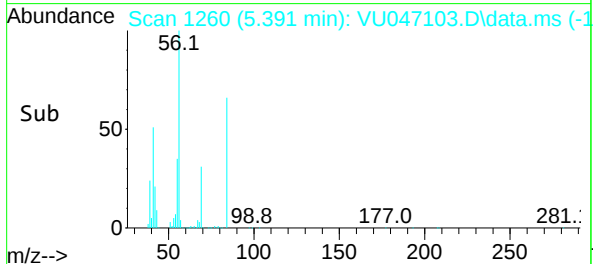
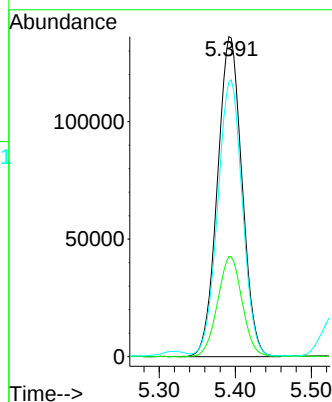
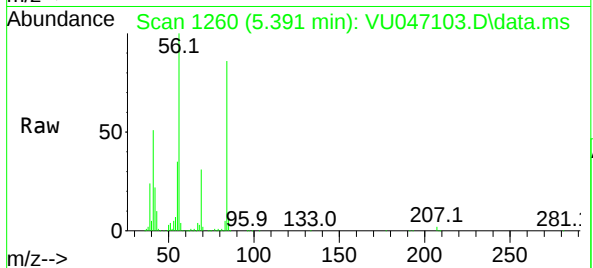
Tgt Ion: 56 Resp: 305013

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.6

84 86.7 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 49.662 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

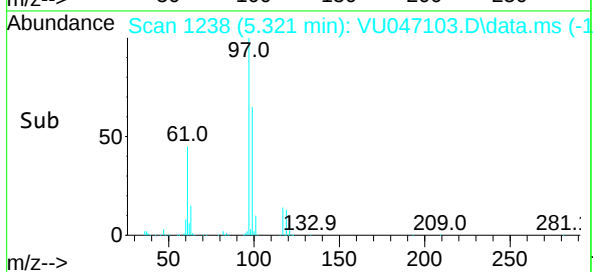
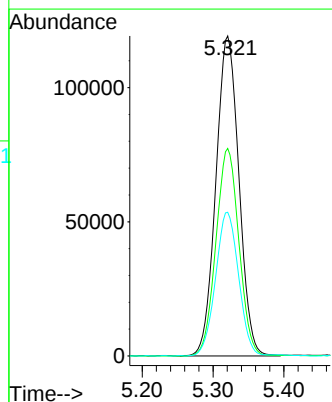
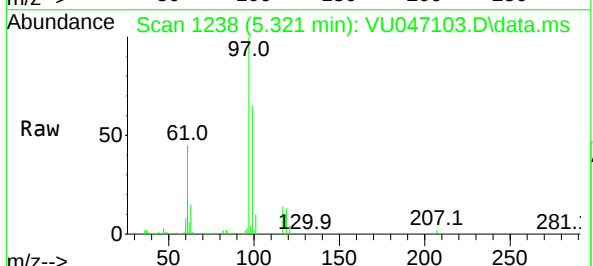
Tgt Ion: 97 Resp: 270121

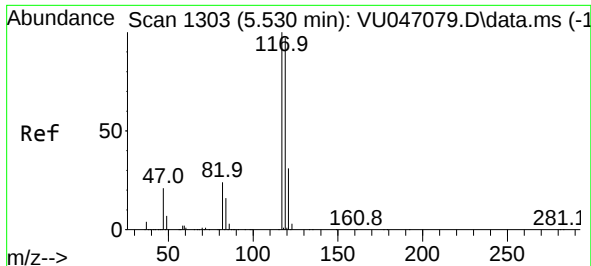
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 44.9 34.1 51.1

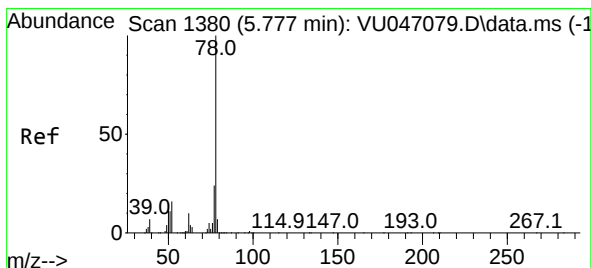
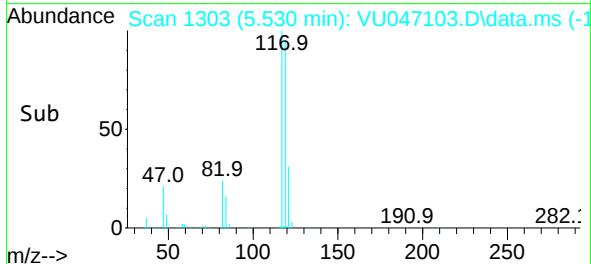
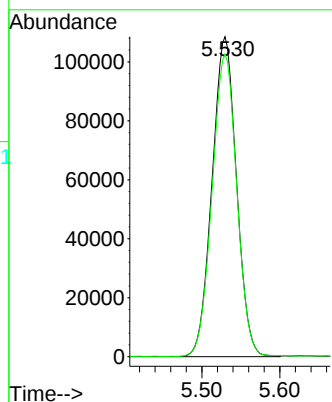
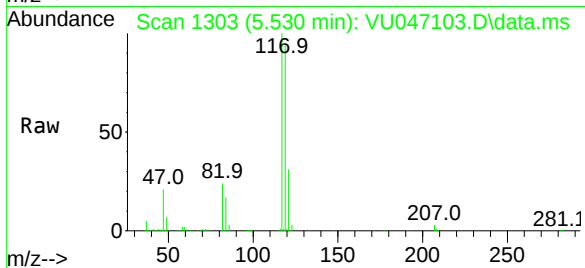




#31
Carbon tetrachloride
Concen: 50.030 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

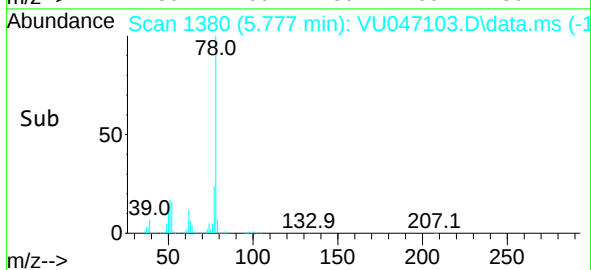
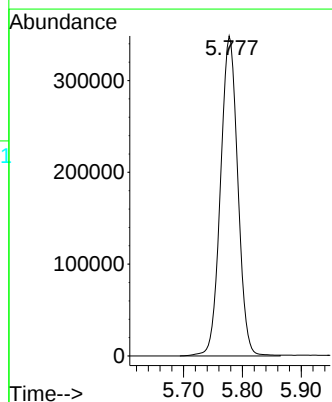
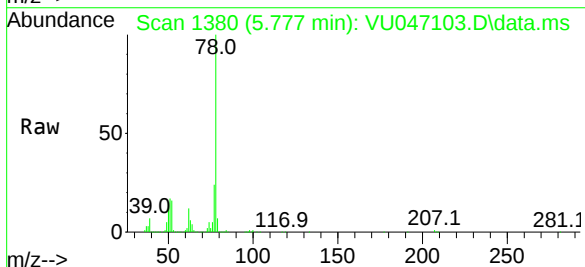
Instrument :
MSVOA_U
ClientSampleId :

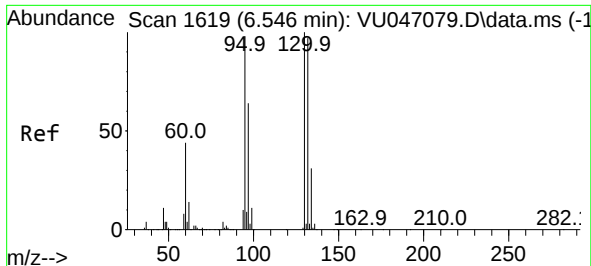
Tgt Ion:117 Resp: 235935
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 50.205 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 78 Resp: 711078





#34

Trichloroethene

Concen: 50.071 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

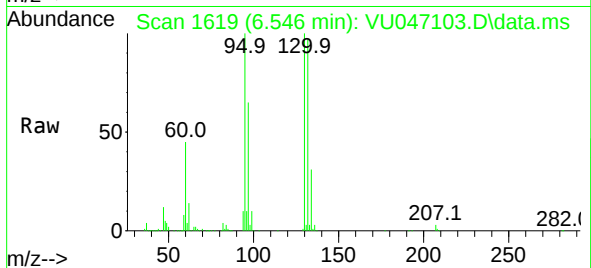
Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 184217

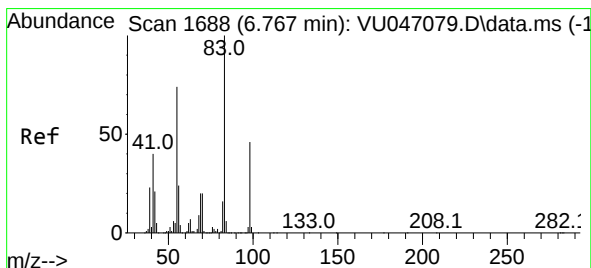
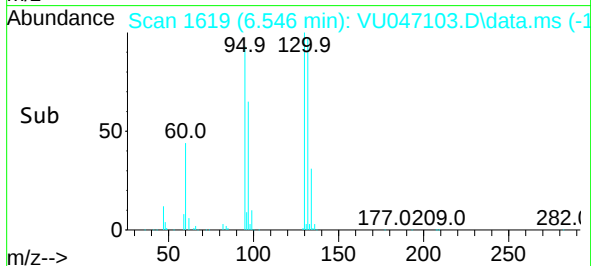
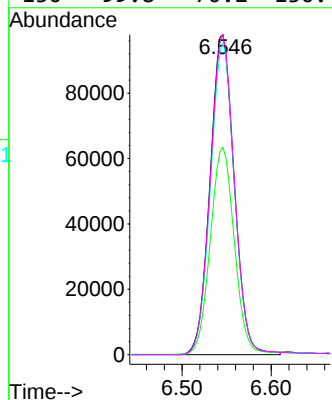
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.7

132 97.3 66.7 123.9

130 99.8 70.2 130.4



#35

Methylcyclohexane

Concen: 51.418 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

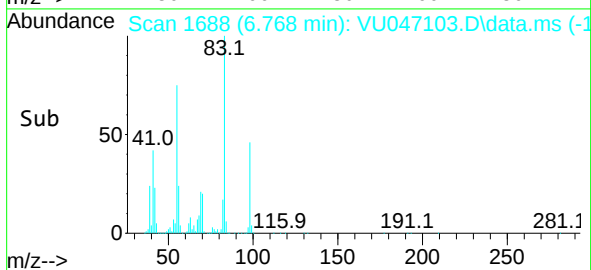
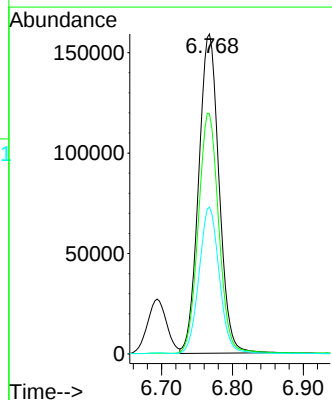
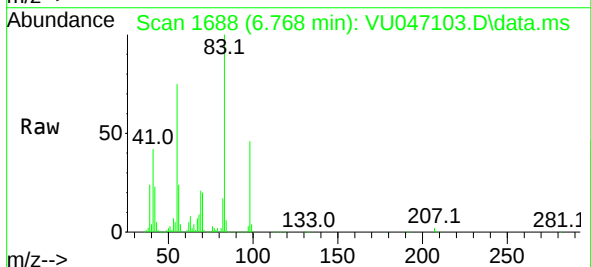
Tgt Ion: 83 Resp: 317414

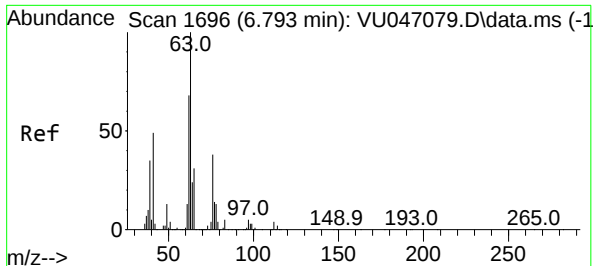
Ion Ratio Lower Upper

83 100

55 75.4 56.6 85.0

98 45.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.134 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

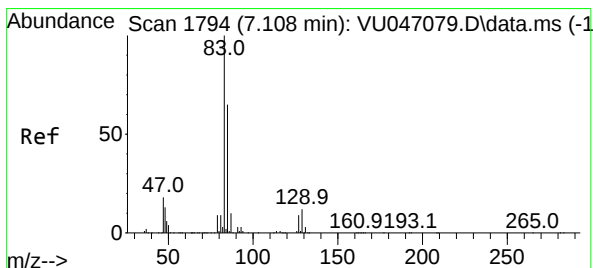
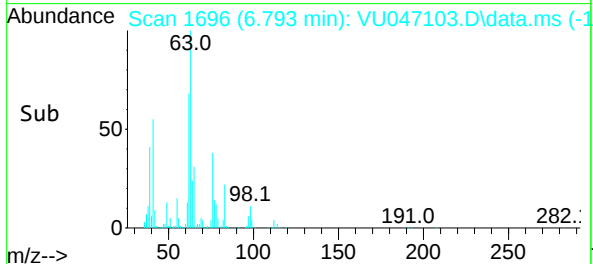
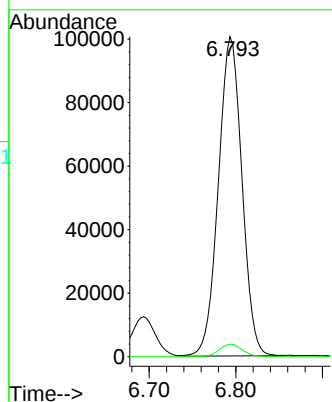
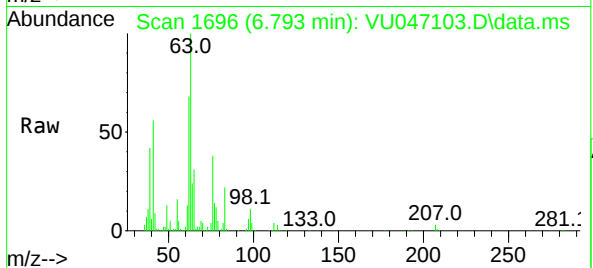
ClientSampleId :

Tgt Ion: 63 Resp: 190202

Ion Ratio Lower Upper

63 100

112 3.8 3.7 5.5



#38

Bromodichloromethane

Concen: 49.825 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

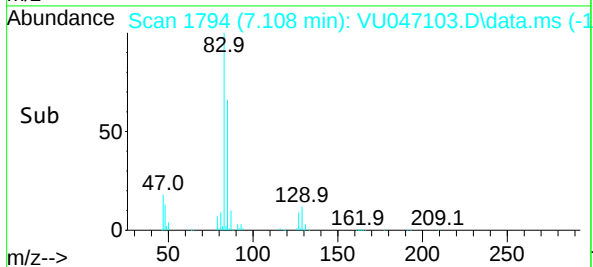
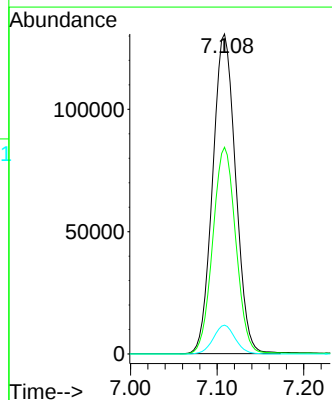
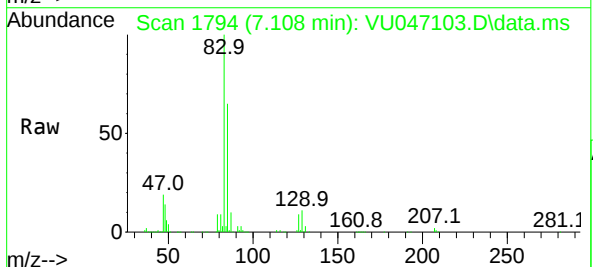
Tgt Ion: 83 Resp: 240930

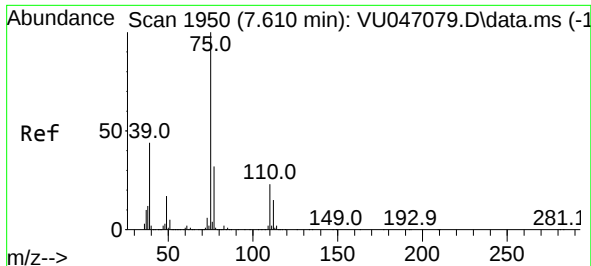
Ion Ratio Lower Upper

83 100

85 64.6 45.0 83.6

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.484 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

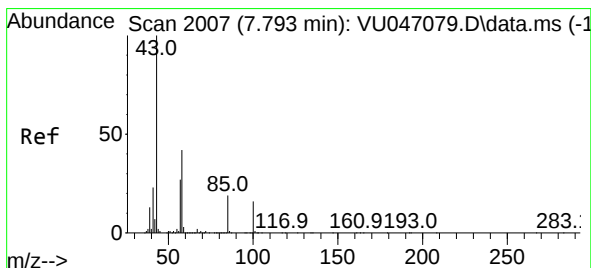
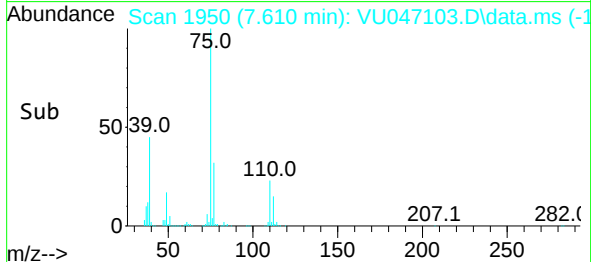
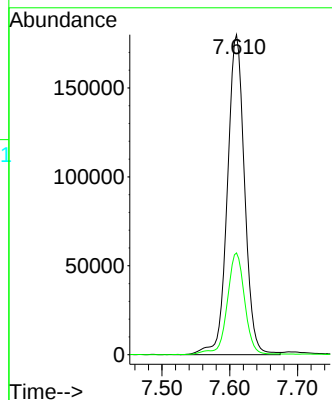
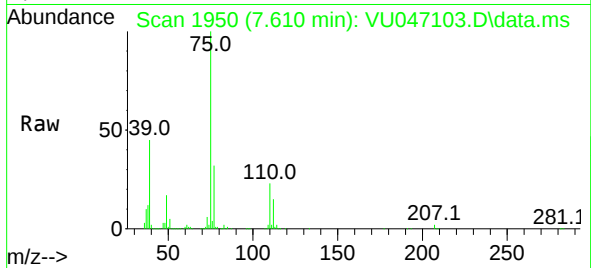
ClientSampleId :

Tgt Ion: 75 Resp: 317449

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 114.028 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

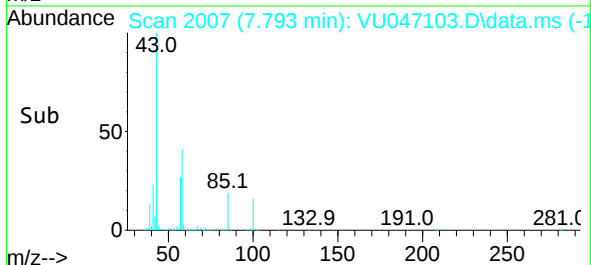
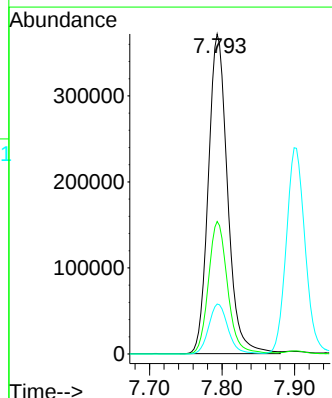
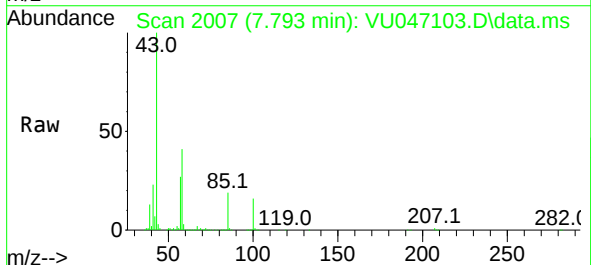
Tgt Ion: 43 Resp: 685066

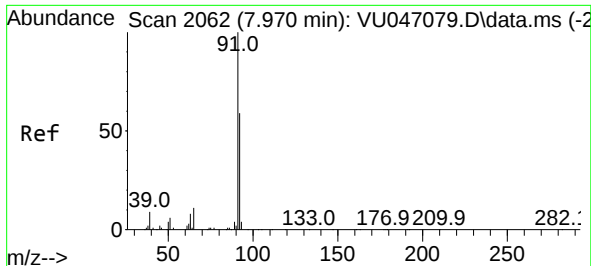
Ion Ratio Lower Upper

43 100

58 41.4 35.8 53.8

100 15.7 15.7 23.5





#42

Toluene

Concen: 50.482 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

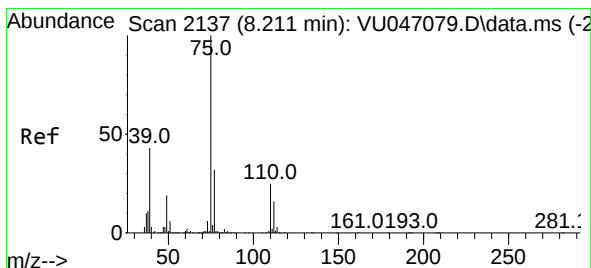
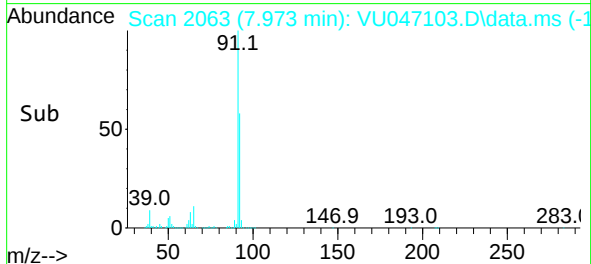
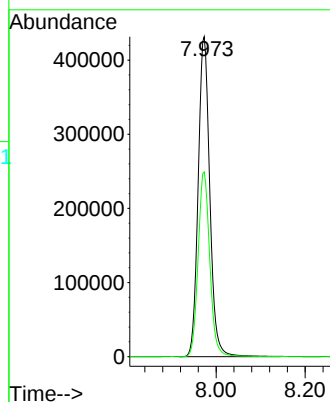
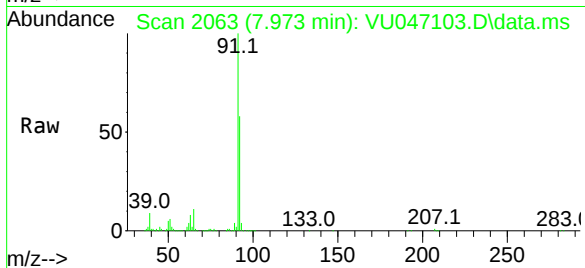
ClientSampleId :

Tgt Ion: 91 Resp: 785332

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 51.866 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047103.D

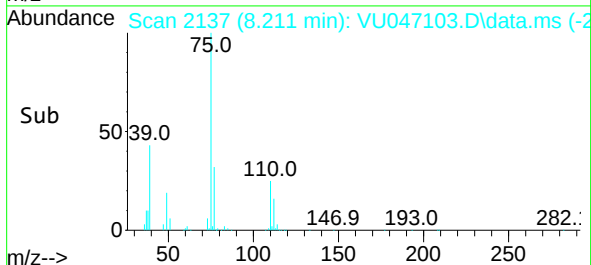
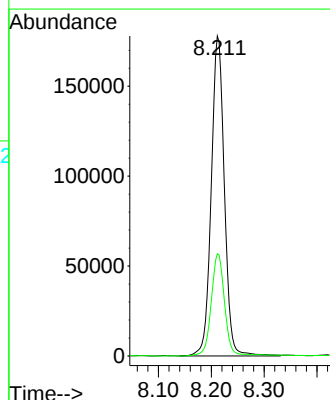
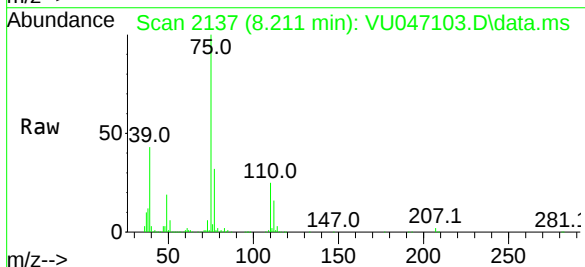
Acq: 11 Feb 2022 09:57

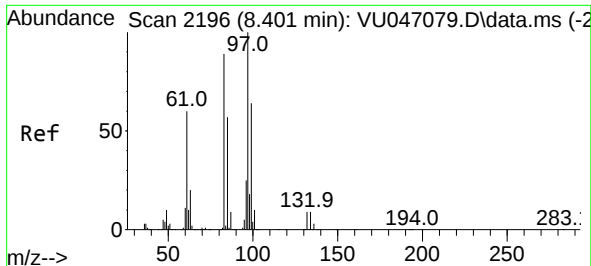
Tgt Ion: 75 Resp: 307278

Ion Ratio Lower Upper

75 100

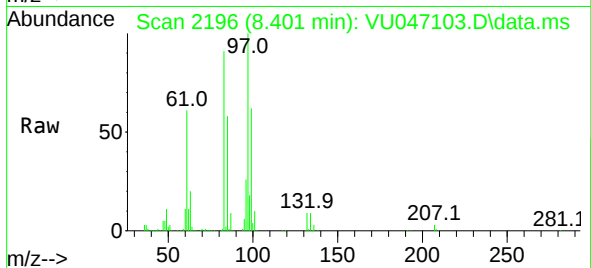
77 32.0 23.0 42.8



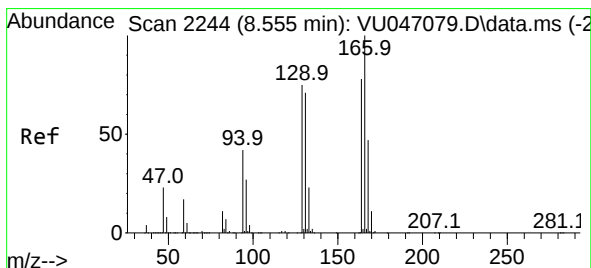
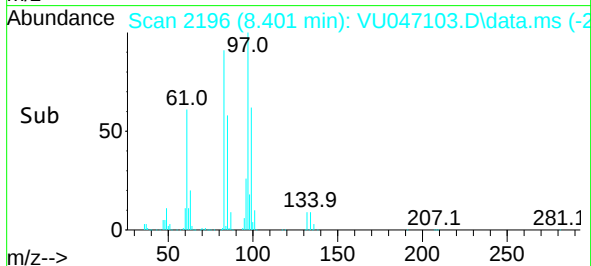
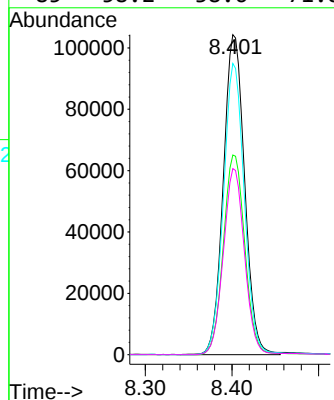


#45
1,1,2-Trichloroethane
Concen: 49.842 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Instrument :
MSVOA_U
ClientSampleId :

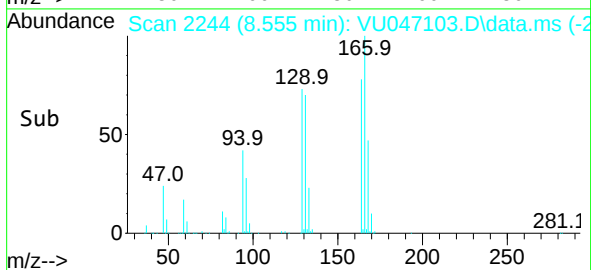
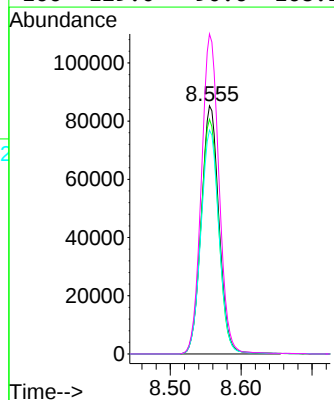
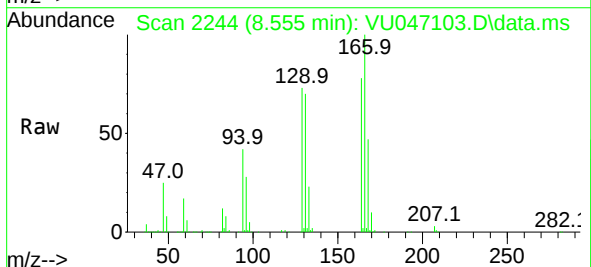


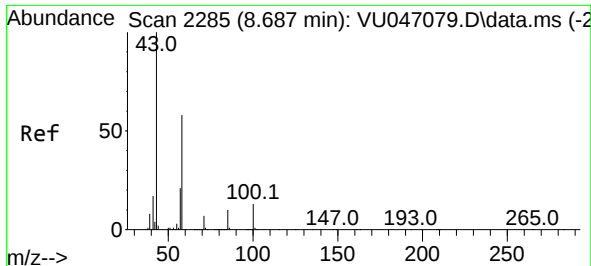
Tgt Ion: 97	Resp: 178099
Ion Ratio	Lower Upper
97 100	
99 62.4	42.4 78.8
83 91.0	59.4 110.4
85 58.2	38.6 71.8



#46
Tetrachloroethene
Concen: 49.917 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

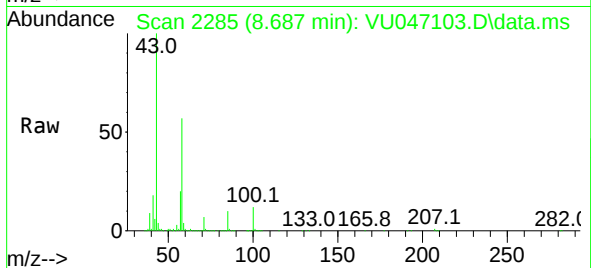
Tgt	Ion:164	Resp:	147735
Ion	Ratio	Lower	Upper
164	100		
129	94.6	69.5	129.1
131	90.2	67.0	124.4
166	129.0	90.6	168.2



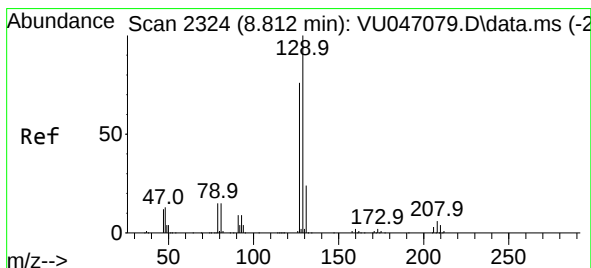
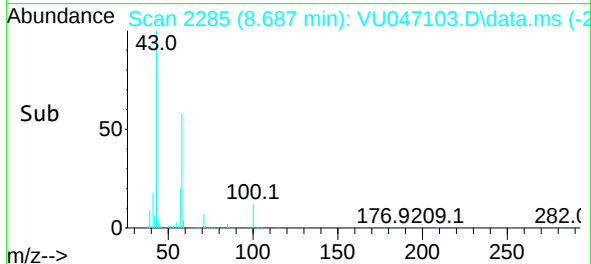
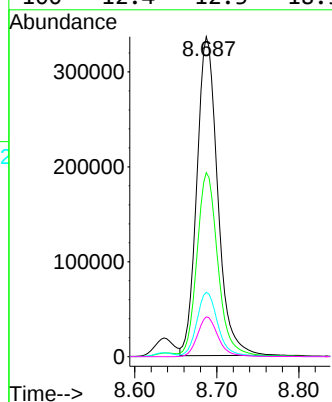


#48
2-Hexanone
Concen: 119.350 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Instrument :
MSVOA_U
ClientSampleId :

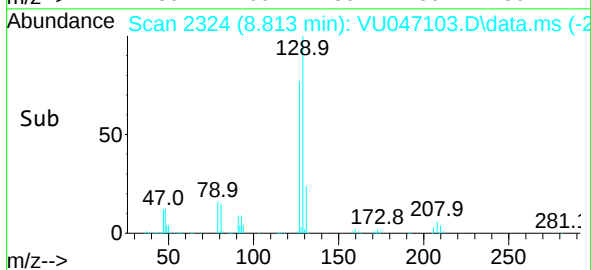
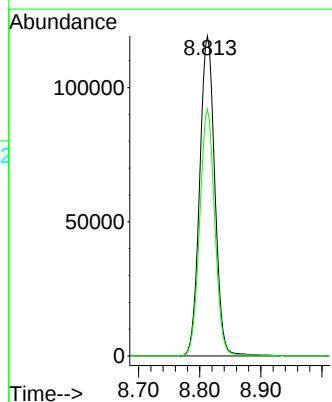
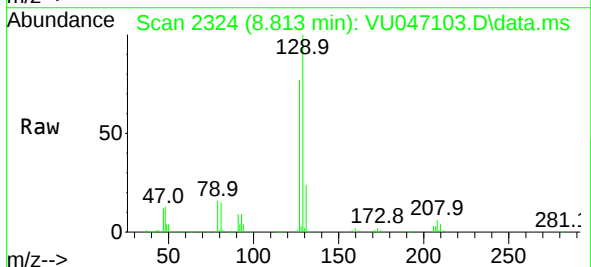


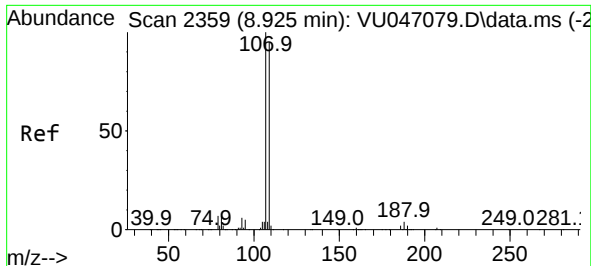
Tgt Ion: 43 Resp: 592983
Ion Ratio Lower Upper
43 100
58 58.0 49.4 74.2
57 20.2 17.5 26.3
100 12.4 12.3 18.5



#49
Dibromochloromethane
Concen: 49.577 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 129 Resp: 204956
Ion Ratio Lower Upper
129 100
127 77.2 54.5 101.3

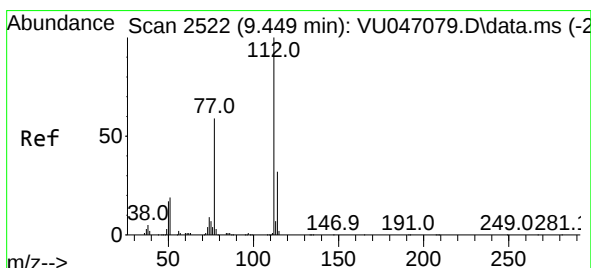
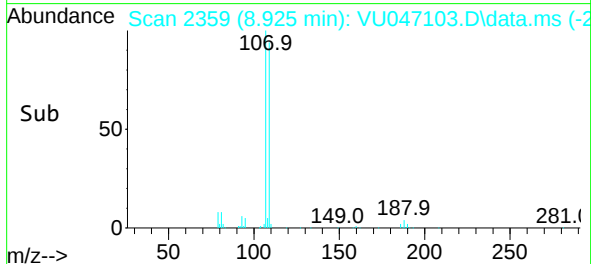
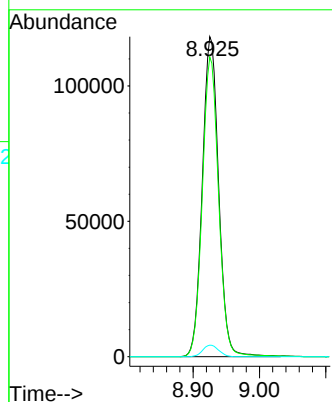
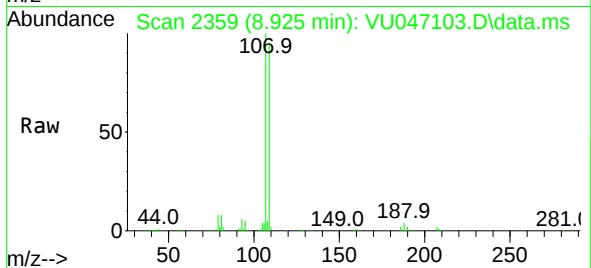




#50
1,2-Dibromoethane
Concen: 50.990 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

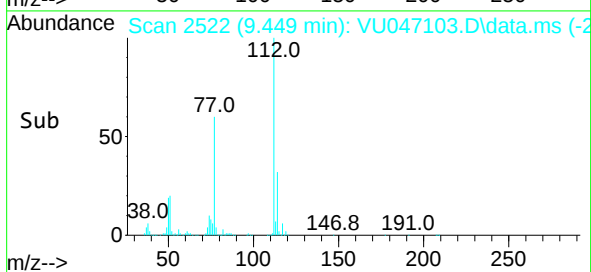
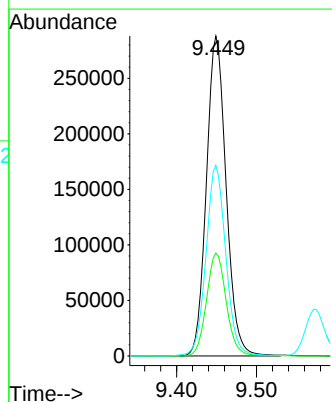
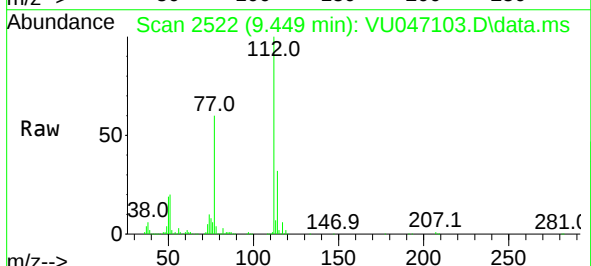
Instrument :
MSVOA_U
ClientSampleId :

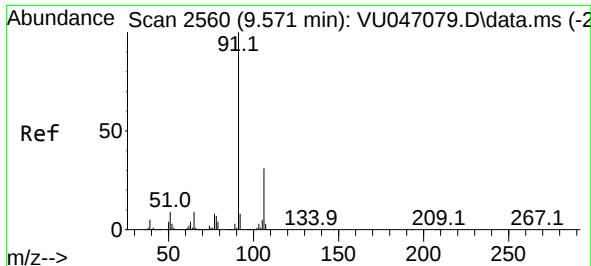
Tgt Ion:107 Resp: 202390
Ion Ratio Lower Upper
107 100
109 93.6 65.6 121.8
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 49.565 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion:112 Resp: 494407
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 59.6 46.5 69.7

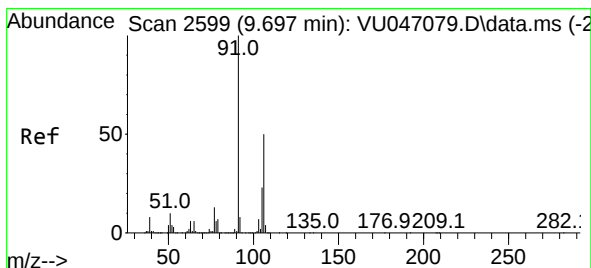
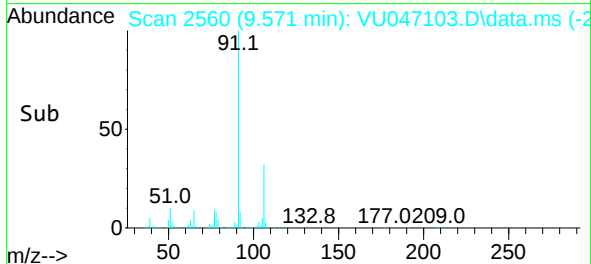
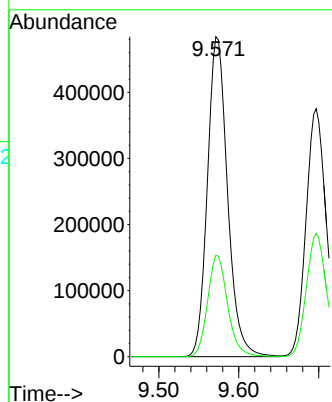
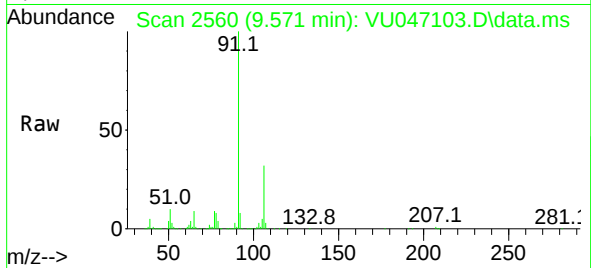




#52
Ethylbenzene
Concen: 49.772 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

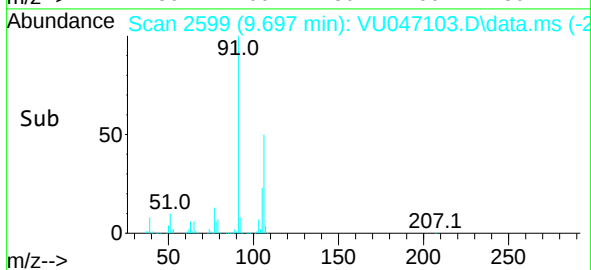
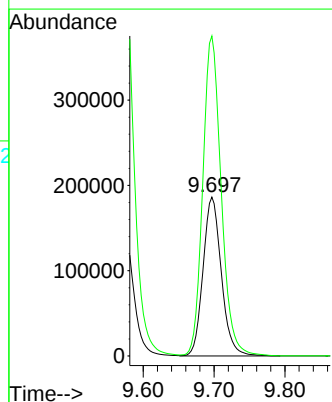
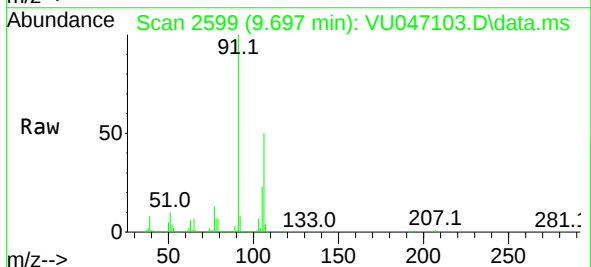
Instrument :
MSVOA_U
ClientSampleId :

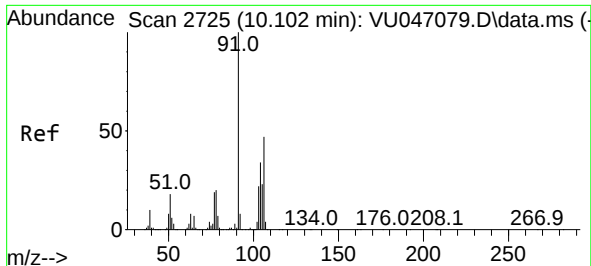
Tgt Ion: 91 Resp: 847413
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.4



#53
m,p-Xylene
Concen: 49.497 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 106 Resp: 334359
Ion Ratio Lower Upper
106 100
91 201.3 145.5 270.1

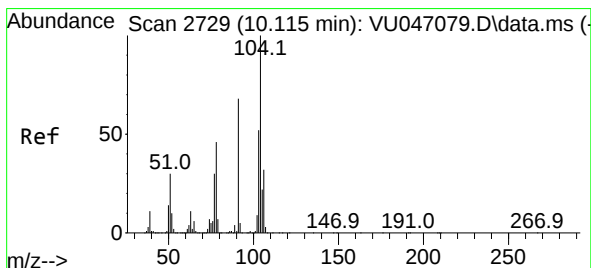
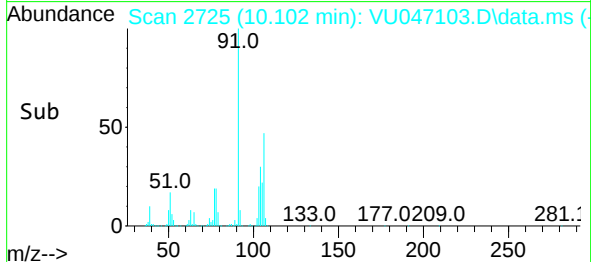
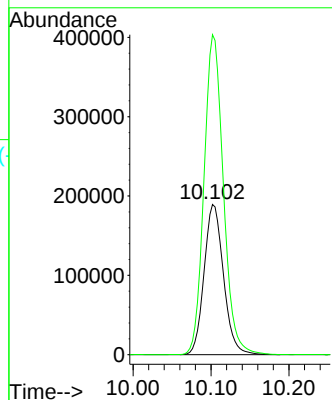
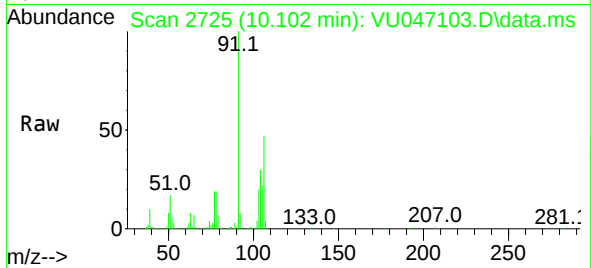




#54
o-xylene
Concen: 49.306 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

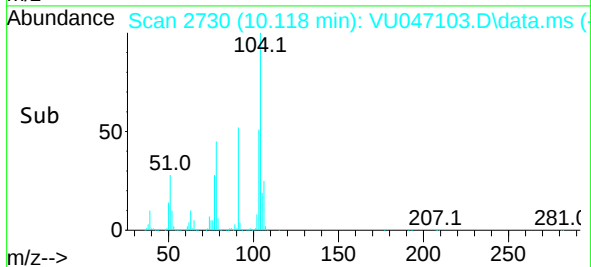
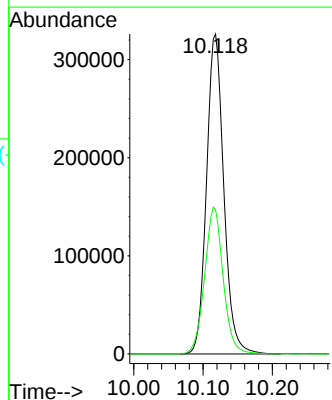
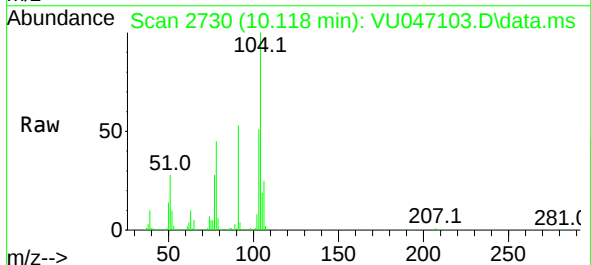
Instrument :
MSVOA_U
ClientSampleId :

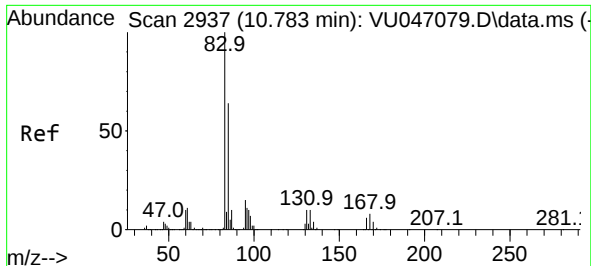
Tgt Ion:106 Resp: 327937
Ion Ratio Lower Upper
106 100
91 212.9 152.0 282.2



#55
Styrene
Concen: 49.225 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion:104 Resp: 563342
Ion Ratio Lower Upper
104 100
78 45.1 32.6 60.6

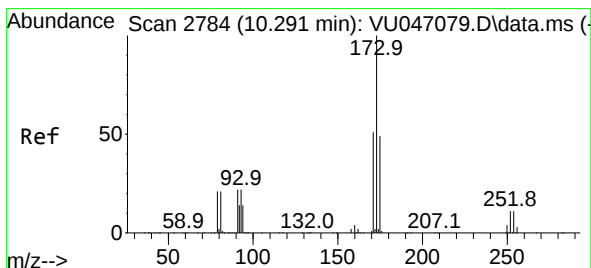
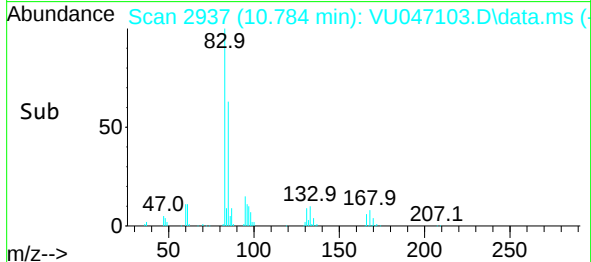
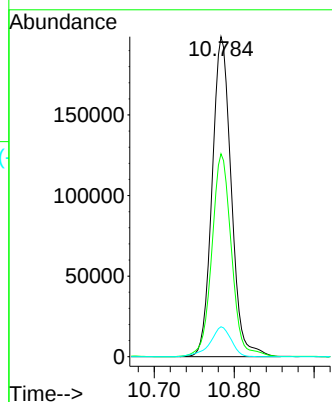
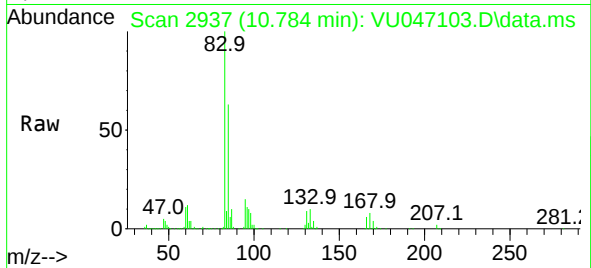




#57
1,1,2,2-Tetrachloroethane
Concen: 52.403 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

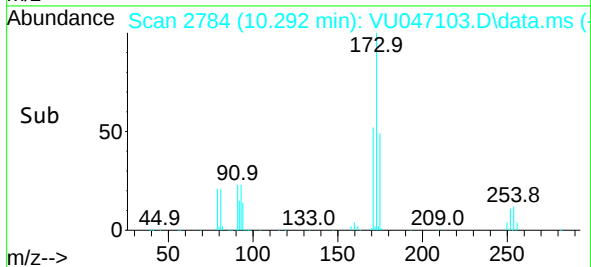
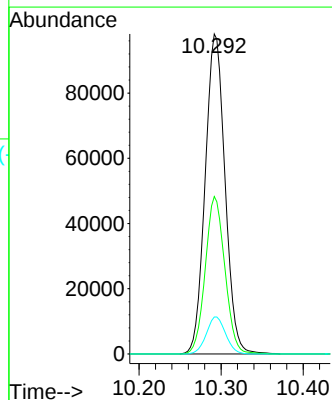
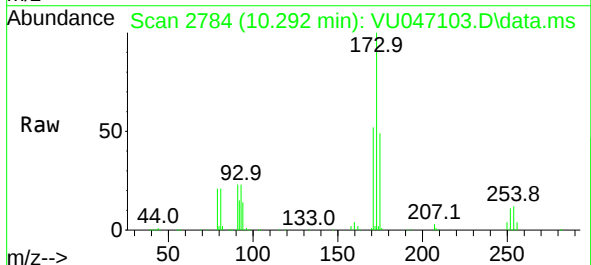
Instrument :
MSVOA_U
ClientSampleId :

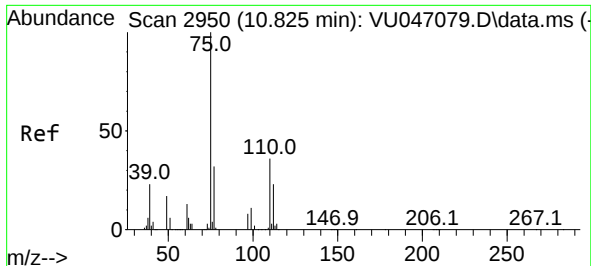
Tgt Ion: 83 Resp: 330107
Ion Ratio Lower Upper
83 100
85 63.4 44.7 83.1
131 9.3 7.8 11.6



#59
Bromoform
Concen: 50.056 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 173 Resp: 164878
Ion Ratio Lower Upper
173 100
175 48.6 37.6 56.4
254 11.2 8.1 12.1

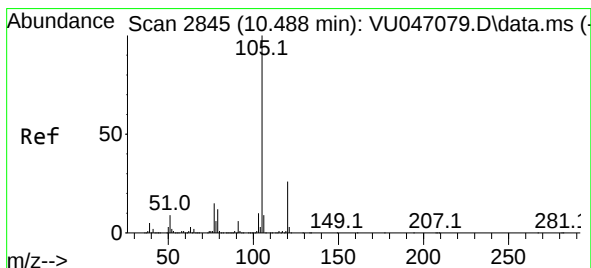
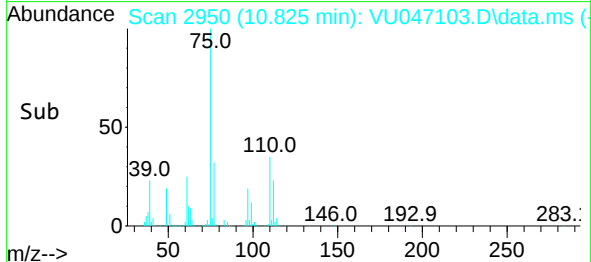
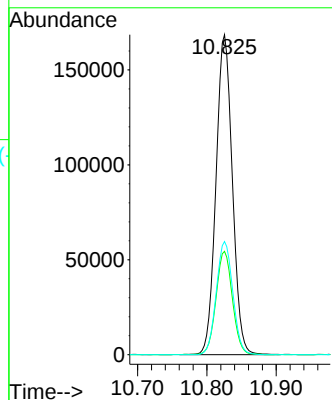
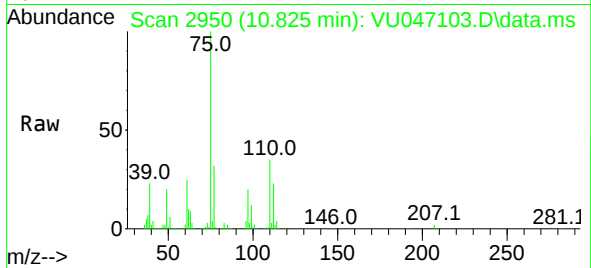




#60
1,2,3-Trichloropropane
Concen: 53.562 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

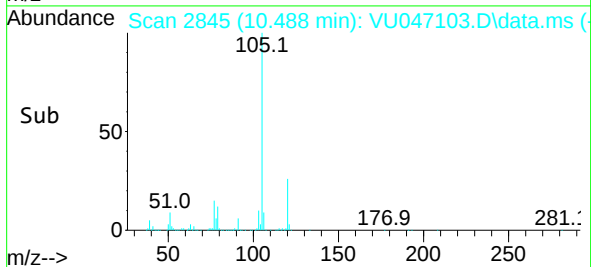
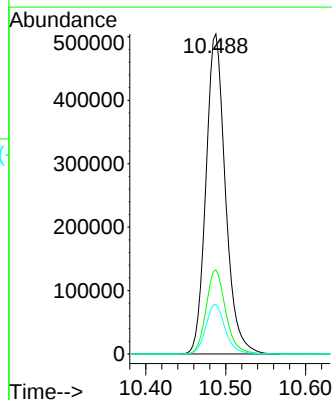
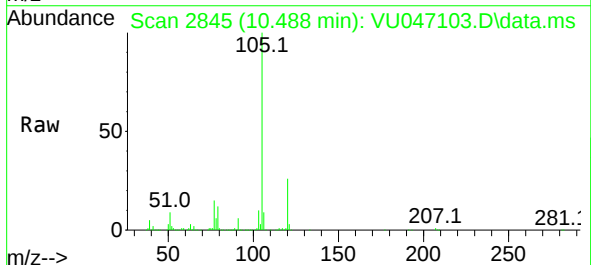
Instrument :
MSVOA_U
ClientSampleId :

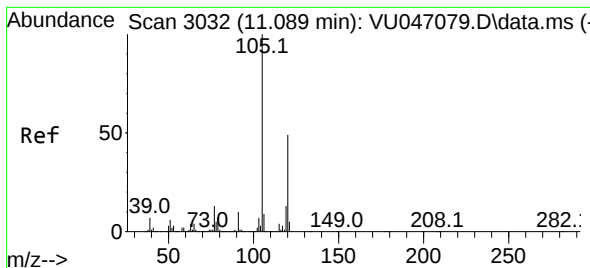
Tgt Ion: 75 Resp: 277023
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 35.8 32.5 48.7



#61
Isopropylbenzene
Concen: 50.080 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion: 105 Resp: 854139
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 15.5 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 49.671 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047103.D

Acq: 11 Feb 2022 09:57

Instrument :

MSVOA_U

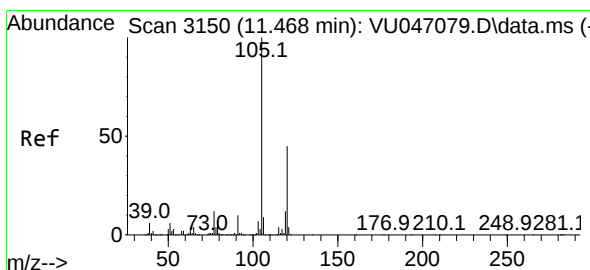
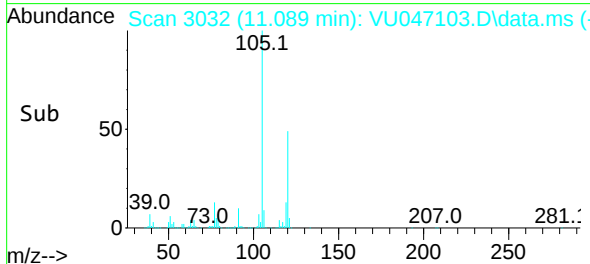
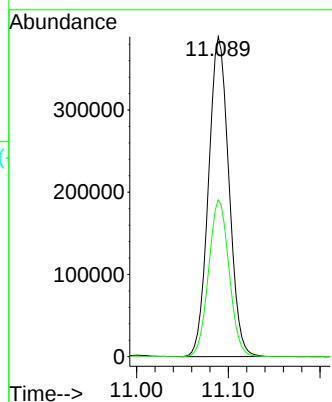
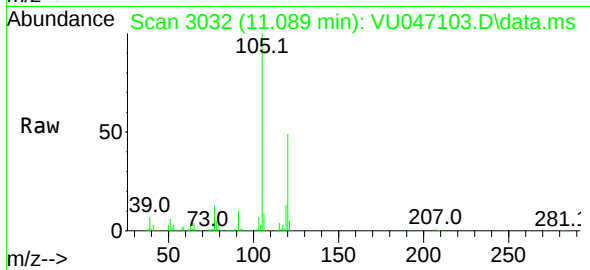
ClientSampleId :

Tgt Ion:105 Resp: 600398

Ion Ratio Lower Upper

105 100

120 49.2 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 50.289 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047103.D

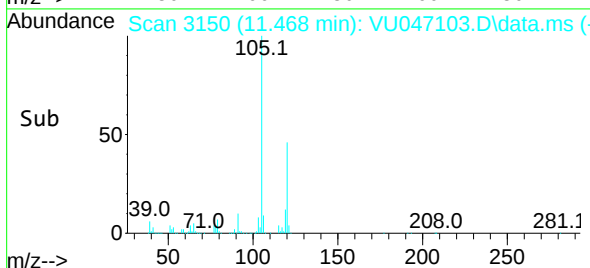
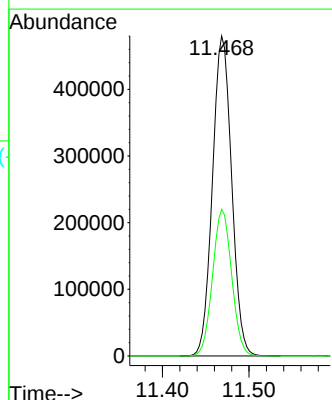
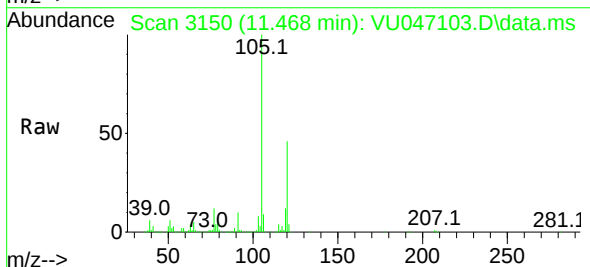
Acq: 11 Feb 2022 09:57

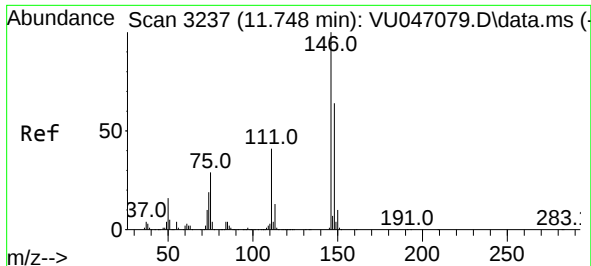
Tgt Ion:105 Resp: 738028

Ion Ratio Lower Upper

105 100

120 45.5 35.4 53.2

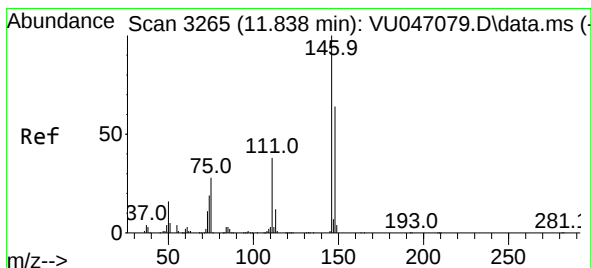
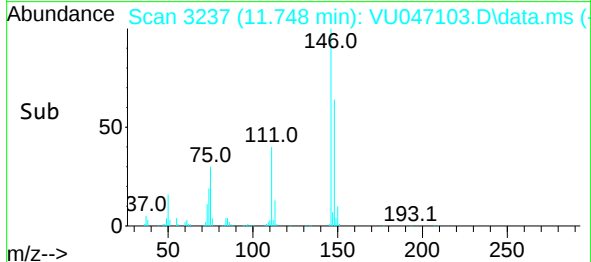
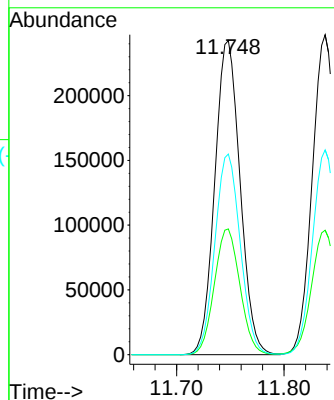
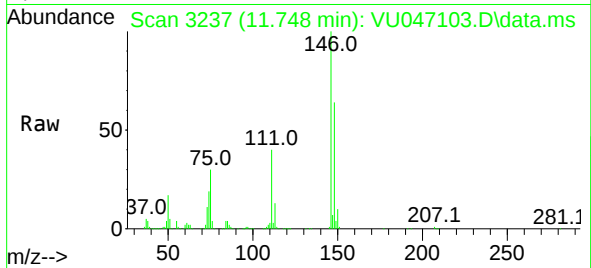




#64
1,3-Dichlorobenzene
Concen: 49.839 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

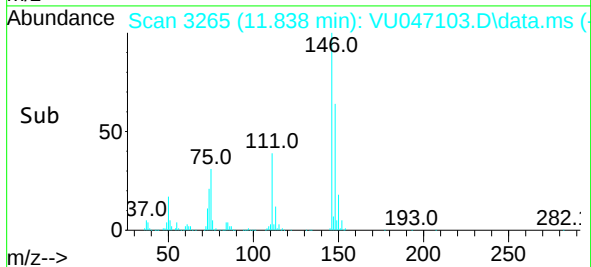
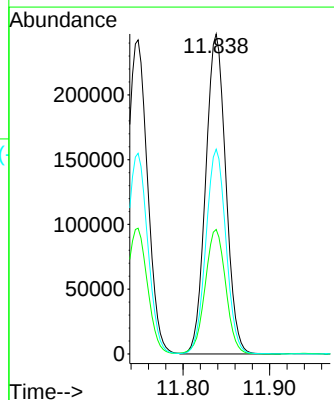
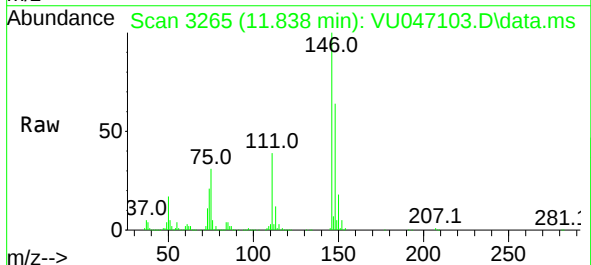
Instrument :
MSVOA_U
ClientSampleId :

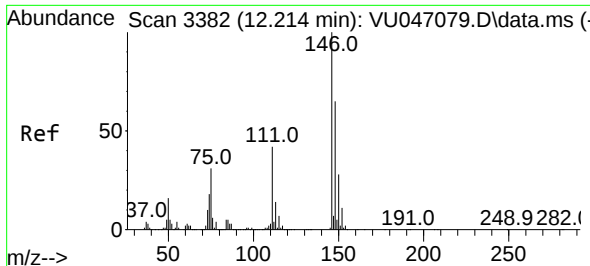
Tgt Ion:146 Resp: 396633
Ion Ratio Lower Upper
146 100
111 40.0 29.4 54.6
148 63.9 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 49.846 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion:146 Resp: 398758
Ion Ratio Lower Upper
146 100
111 38.9 28.9 53.7
148 64.0 44.5 82.7

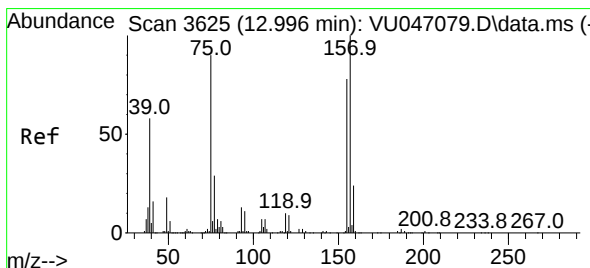
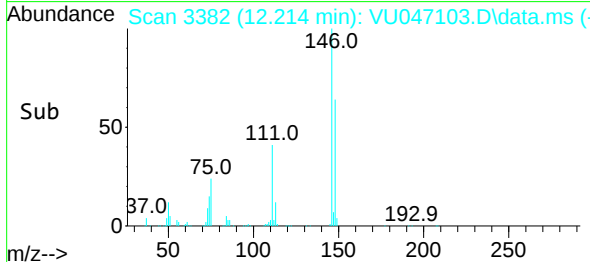
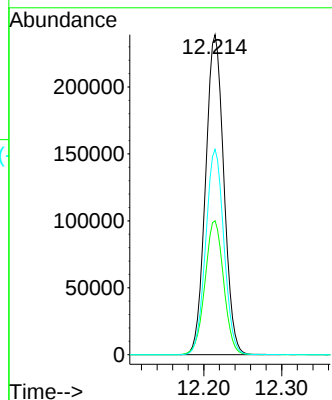
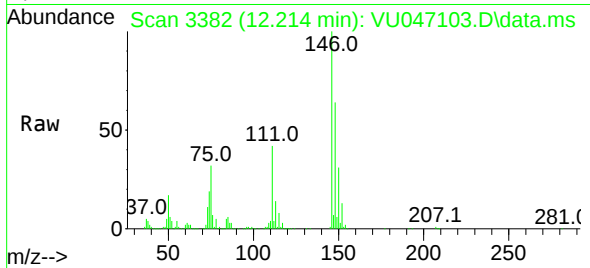




#67
 1,2-Dichlorobenzene
 Concen: 49.119 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

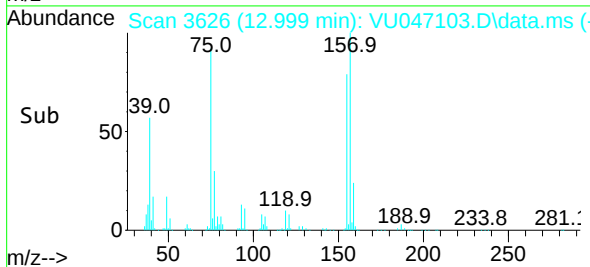
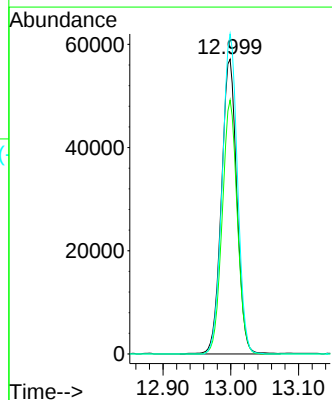
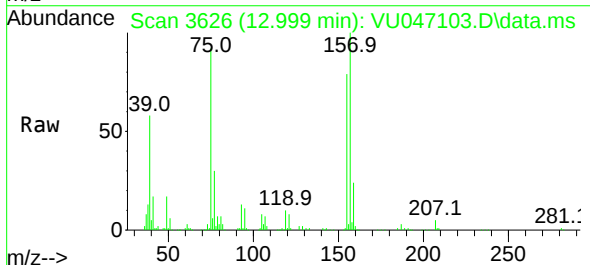
Instrument :
 MSVOA_U
 ClientSampleId :

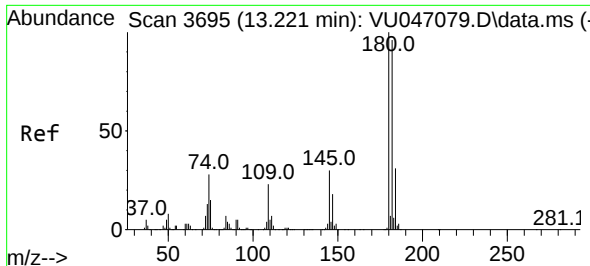
Tgt Ion:146 Resp: 389010
 Ion Ratio Lower Upper
 146 100
 111 41.9 34.2 51.4
 148 64.1 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 55.015 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

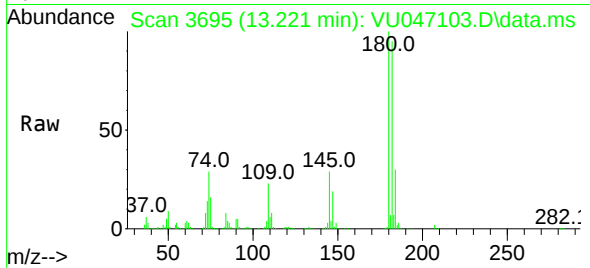
Tgt Ion: 75 Resp: 90652
 Ion Ratio Lower Upper
 75 100
 155 86.2 65.0 97.4
 157 108.6 79.7 119.5



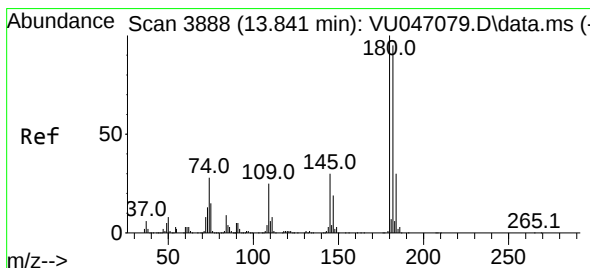
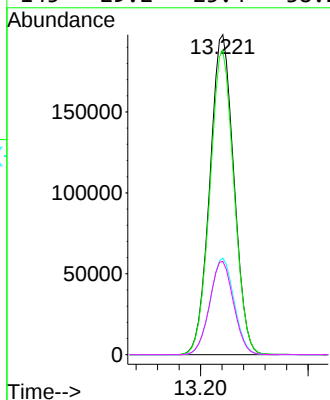
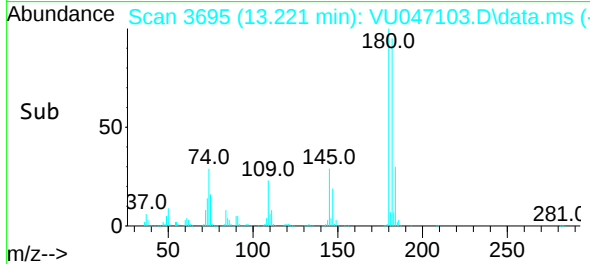


#69
 1,3,5-Trichlorobenzene
 Concen: 49.808 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57

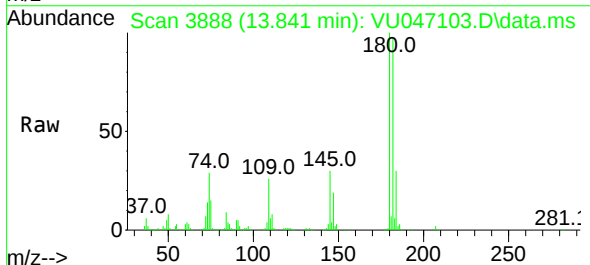
Instrument :
 MSVOA_U
 ClientSampleId :



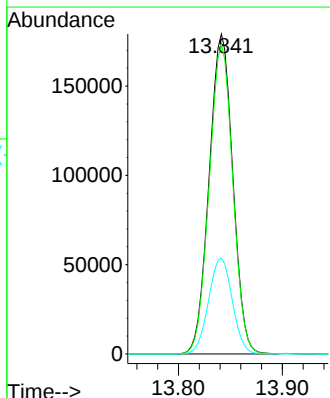
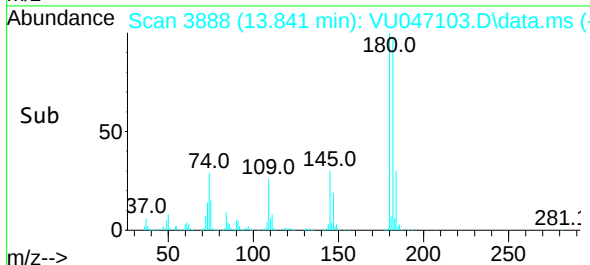
Tgt Ion:180 Resp: 306538
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.6
 184 30.3 24.7 37.1
 145 29.2 25.4 38.2

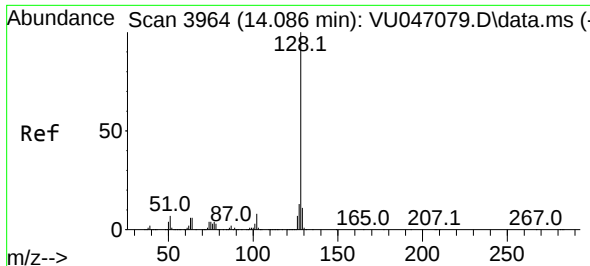


#70
 1,2,4-trichlorobenzene
 Concen: 48.623 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047103.D
 Acq: 11 Feb 2022 09:57



Tgt Ion:180 Resp: 283664
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 114.8
 145 30.1 25.2 37.8

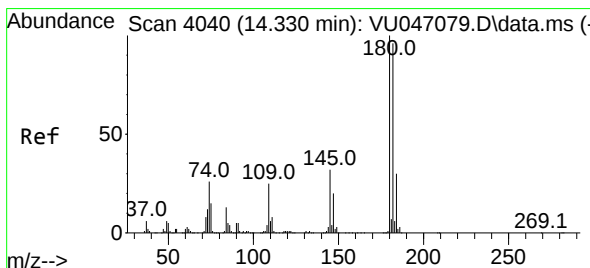
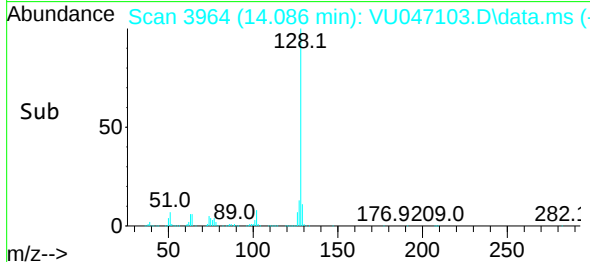
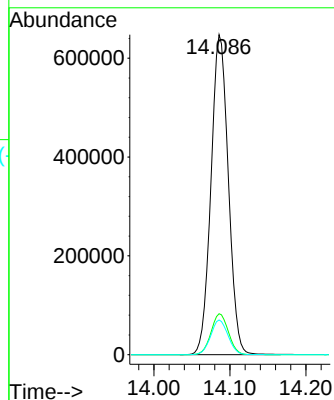
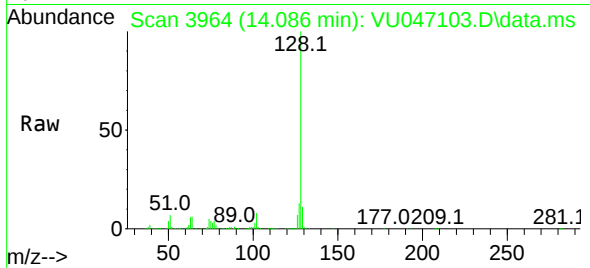




#71
Naphthalene
Concen: 49.645 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1025358
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.965 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047103.D
Acq: 11 Feb 2022 09:57

Tgt Ion:180 Resp: 278626
Ion Ratio Lower Upper
180 100
182 94.8 76.6 115.0
145 32.0 27.4 41.2

