

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040122\
 Data File : VU047788.D
 Acq On : 01 Apr 2022 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:08:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 02 01:06:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	343453	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	355330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	217380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131818	52.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.860%
7) Chloroethane-d5	1.916	69	104657	53.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.580%
11) 1,1-Dichloroethene-d2	2.572	63	233828	51.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.620%
21) 2-Butanone-d5	4.620	46	189109	88.462	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.460%
24) Chloroform-d	5.067	84	244563	53.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.340%
26) 1,2-Dichloroethane-d4	5.703	65	147712	52.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.700%
32) Benzene-d6	5.729	84	484578	54.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.694	67	149323	54.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.760%
41) Toluene-d8	7.899	98	468961	53.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.660%
43) trans-1,3-Dichloroprop...	8.182	79	74758	53.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.480%
47) 2-Hexanone-d5	8.632	63	149153	92.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.790%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	238249	50.558	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	200721	51.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	170082	53.415	ug/L	99
3) Chloromethane	1.527	50	154878	50.861	ug/L	99
5) Vinyl chloride	1.607	62	164262	52.891	ug/L	99
6) Bromomethane	1.858	94	96100	57.491	ug/L	98
8) Chloroethane	1.935	64	100672	51.637	ug/L	100
9) Trichlorofluoromethane	2.141	101	231468	52.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	138244	54.610	ug/L	96
12) 1,1-Dichloroethene	2.584	96	128073	54.362	ug/L	86
13) Acetone	2.623	43	141374	71.065	ug/L	99
14) Carbon disulfide	2.797	76	368022	49.419	ug/L	100
15) Methyl Acetate	2.948	43	152449	48.057	ug/L	98
16) Methylene chloride	3.051	84	153824	56.898	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	139404	54.859	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	419200	58.474	ug/L	99
19) 1,1-Dichloroethane	3.874	63	251964	57.493	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	159894	57.395	ug/L	98
22) 2-Butanone	4.700	43	218615	85.309	ug/L	100
23) Bromochloromethane	4.977	128	90372	59.084	ug/L	95
25) Chloroform	5.089	83	271322	57.504	ug/L	98

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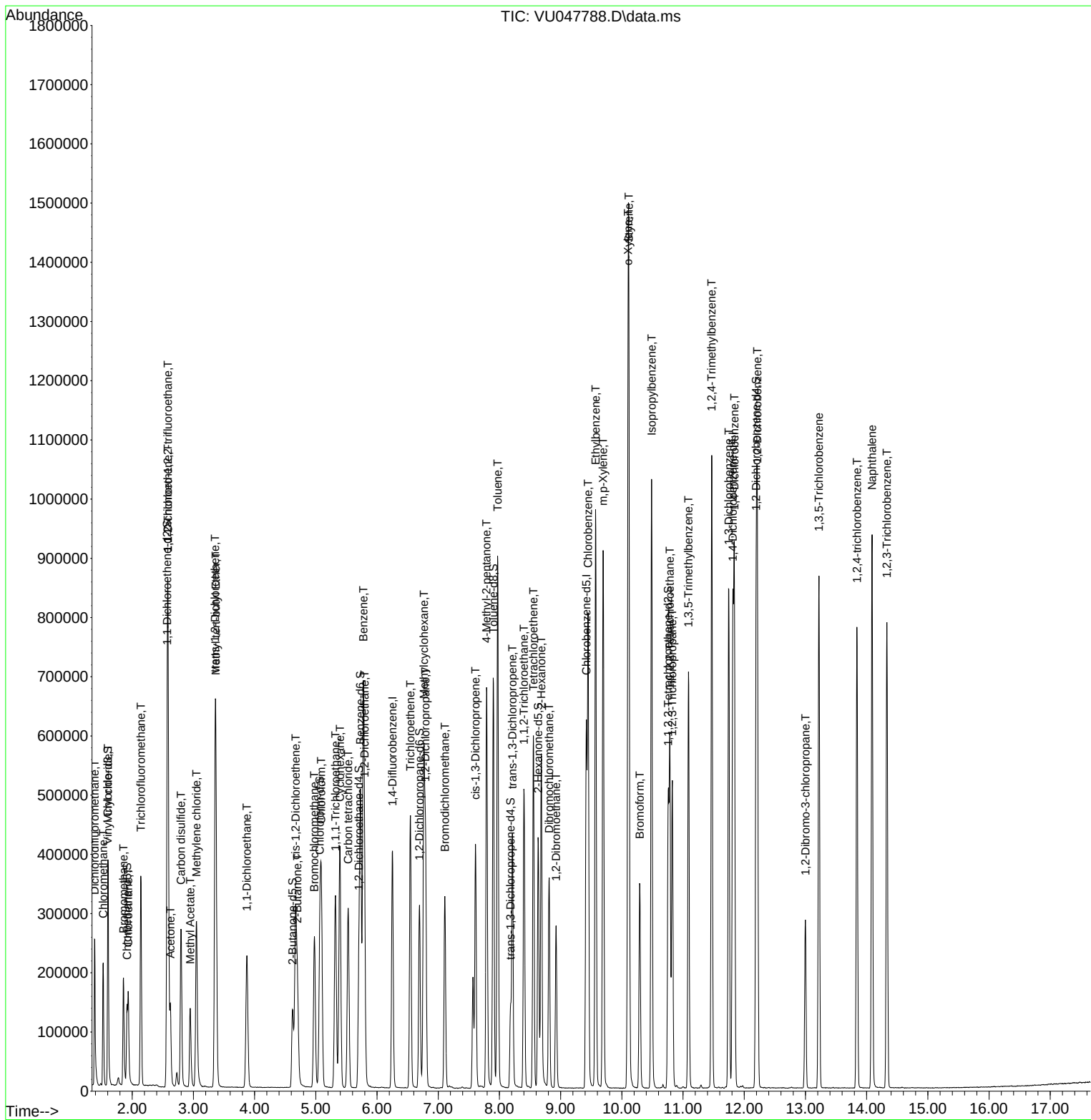
Instrument :
 MSVOA_U
 ClientSampleId :

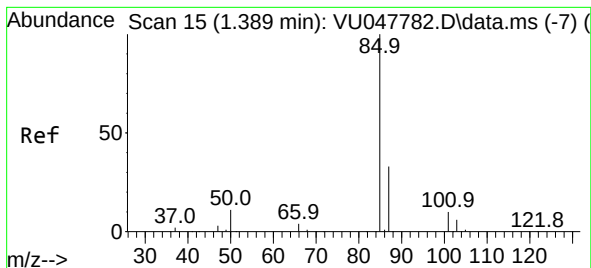
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	206361	56.609	ug/L	99
29) Cyclohexane	5.395	56	200279	55.546	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	234817	58.281	ug/L	99
31) Carbon tetrachloride	5.526	117	209465	57.573	ug/L	99
33) Benzene	5.777	78	590831	57.445	ug/L	100
34) Trichloroethene	6.546	95	156909	58.191	ug/L	99
35) Methylcyclohexane	6.767	83	231391	56.407	ug/L	98
37) 1,2-Dichloropropane	6.793	63	152157	58.194	ug/L	100
38) Bromodichloromethane	7.108	83	211638	58.944	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	240977	59.399	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	415512	100.550	ug/L	99
42) Toluene	7.970	91	659368	58.428	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	238025	58.762	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	158836	57.280	ug/L	98
46) Tetrachloroethene	8.555	164	138344	57.093	ug/L	98
48) 2-Hexanone	8.684	43	329816	92.785	ug/L	99
49) Dibromochloromethane	8.812	129	190242	59.233	ug/L	98
50) 1,2-Dibromoethane	8.925	107	177423	57.072	ug/L	99
51) Chlorobenzene	9.449	112	442679	57.772	ug/L	100
52) Ethylbenzene	9.571	91	692533	58.363	ug/L	99
53) m,p-Xylene	9.693	106	277491	59.599	ug/L	99
54) o-Xylene	10.102	106	272205	59.567	ug/L	99
55) Styrene	10.115	104	454755	58.287	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	284417	54.710	ug/L	99
59) Bromoform	10.291	173	159099	57.236	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	215876	52.679	ug/L	99
61) Isopropylbenzene	10.488	105	690554	58.779	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	374123	58.692	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	578391	59.736	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	364040	55.749	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	369352	54.608	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	364913	55.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	66688	50.803	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	288635	54.426	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	259396	55.842	ug/L	100
71) Naphthalene	14.089	128	753843	54.433	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	262479	56.366	ug/L	98

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

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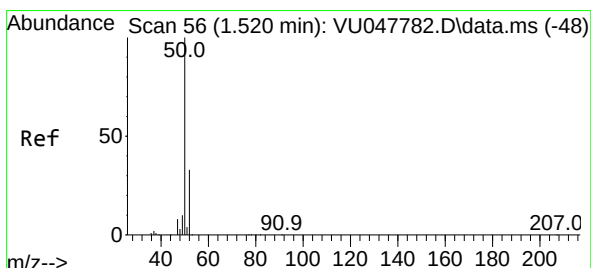
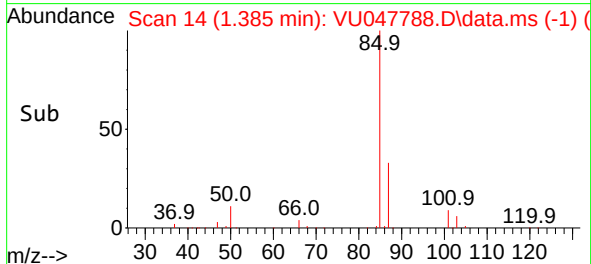
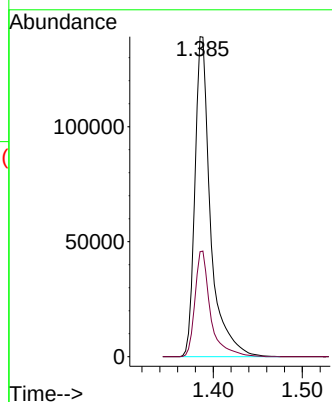
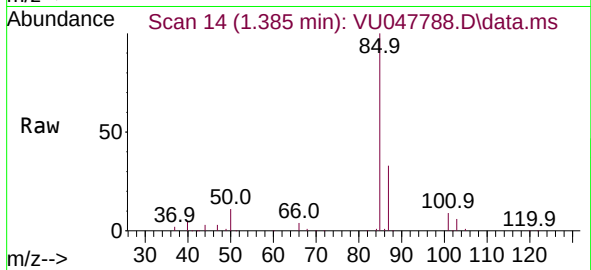




#2
Dichlorodifluoromethane
Concen: 53.415 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

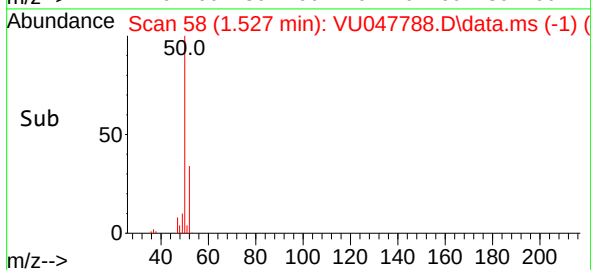
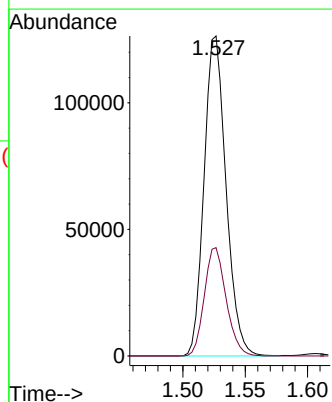
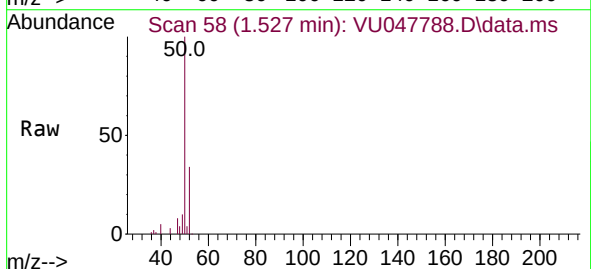
Instrument :
MSVOA_U
ClientSampleId :

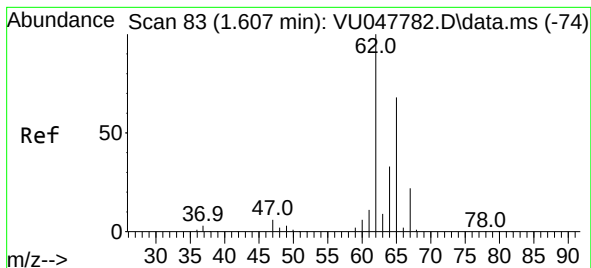
Tgt Ion: 85 Resp: 170082
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 50.861 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 50 Resp: 154878
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2





#5

Vinyl chloride

Concen: 52.891 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

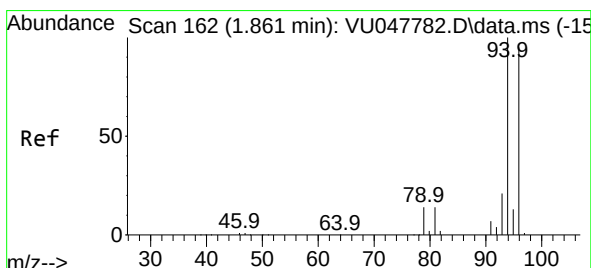
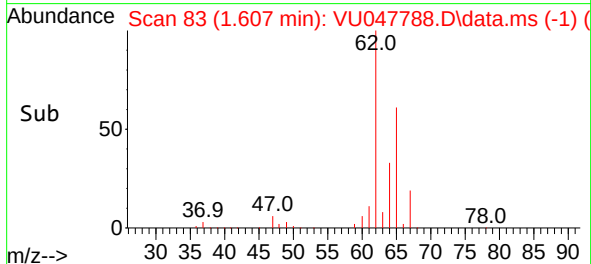
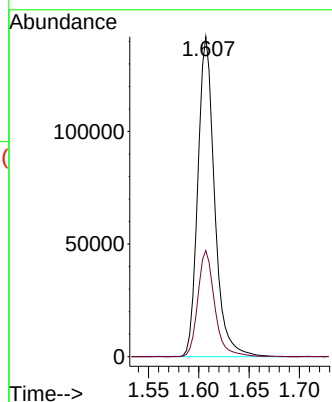
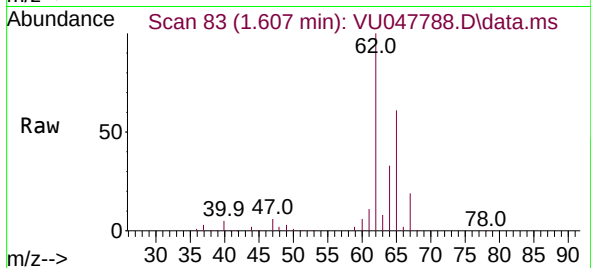
ClientSampleId :

Tgt Ion: 62 Resp: 164262

Ion Ratio Lower Upper

62 100

64 33.2 23.7 43.9



#6

Bromomethane

Concen: 57.491 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU047788.D

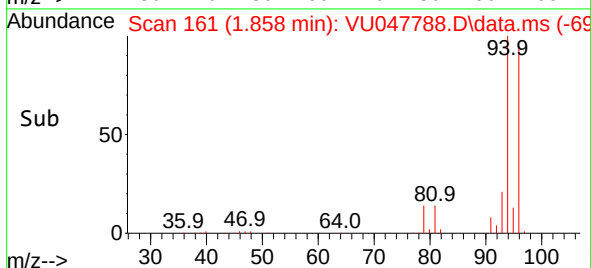
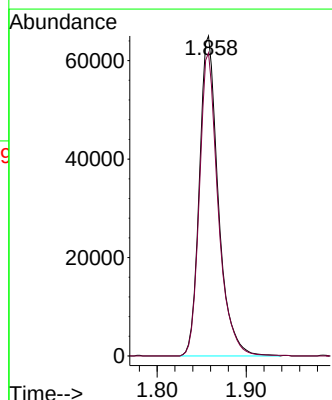
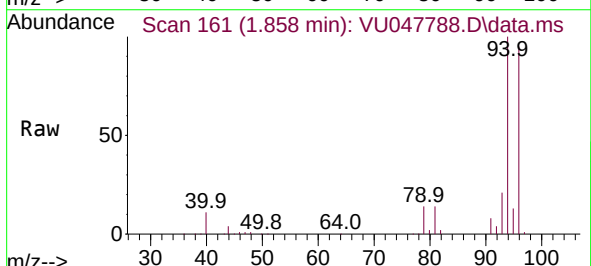
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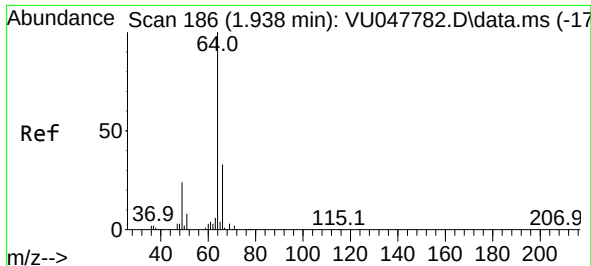
Tgt Ion: 94 Resp: 96100

Ion Ratio Lower Upper

94 100

96 94.7 64.8 120.3

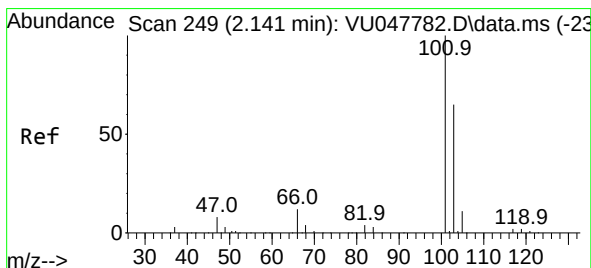
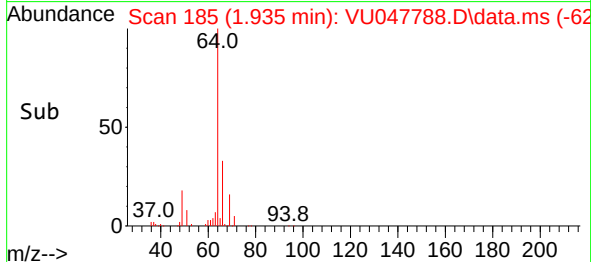
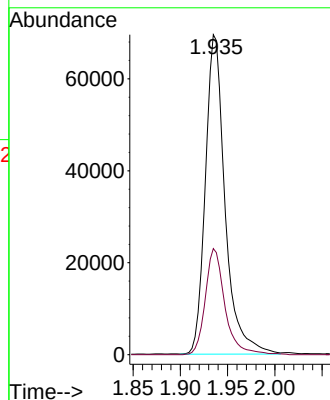
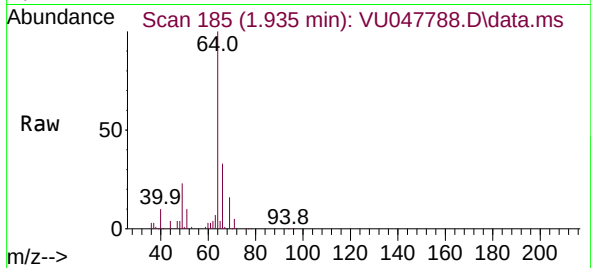




#8
Chloroethane
Concen: 51.637 ug/L
RT: 1.935 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

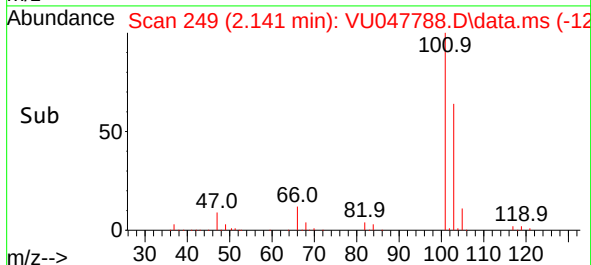
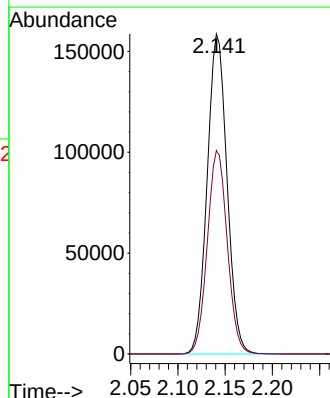
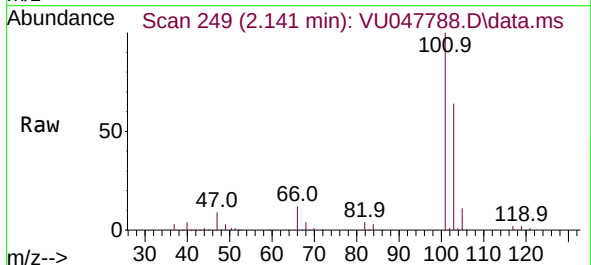
Instrument :
MSVOA_U
ClientSampleId :

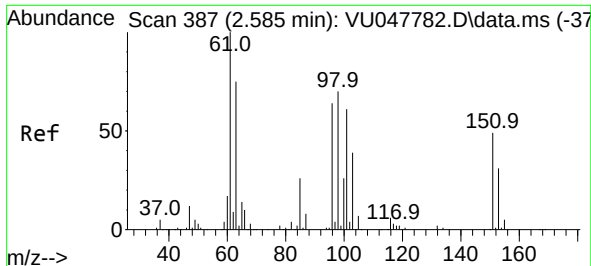
Tgt Ion: 64 Resp: 100672
Ion Ratio Lower Upper
64 100
66 33.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 52.854 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion:101 Resp: 231468
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2





#10

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

Concen: 54.610 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

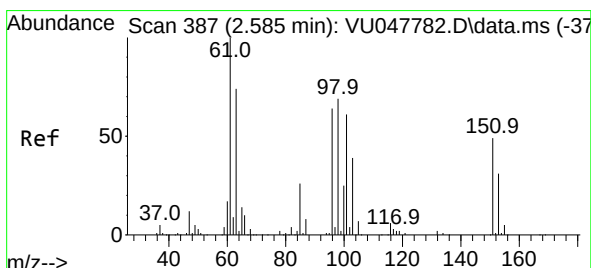
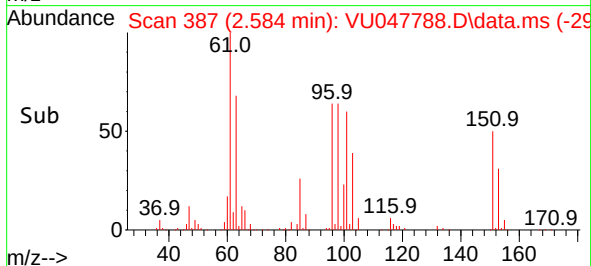
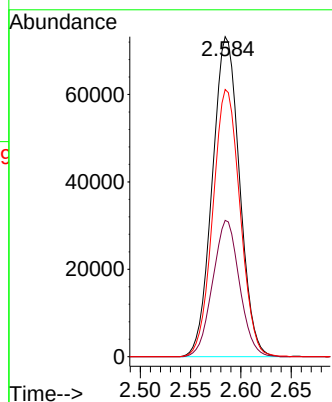
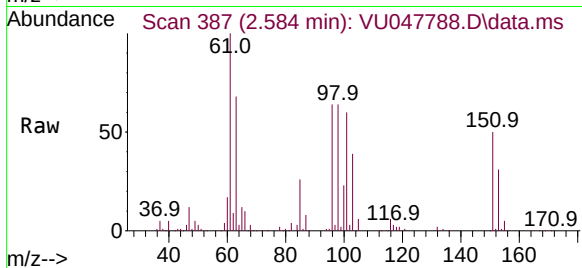
Tgt Ion:101 Resp: 138244

Ion Ratio Lower Upper

101 100

85 41.8 32.8 49.2

151 83.4 63.0 94.6



#12

1,1-Dichloroethene

Concen: 54.362 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

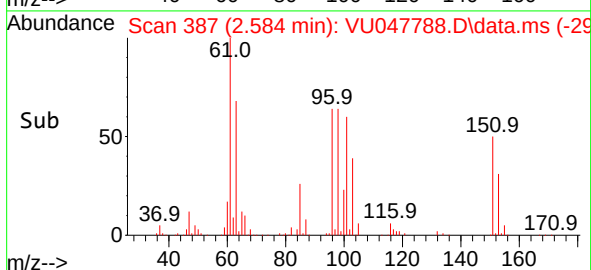
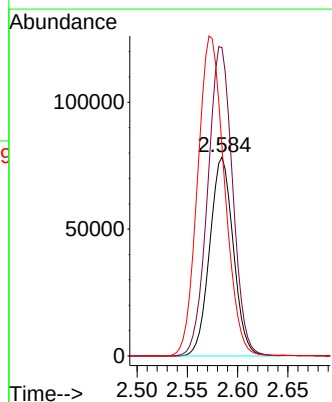
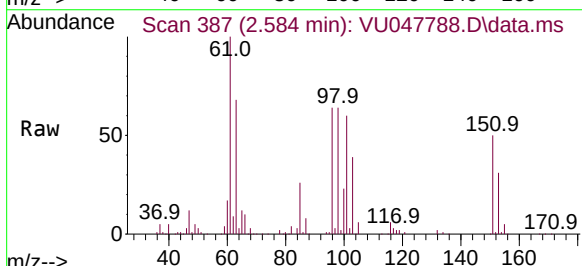
Tgt Ion: 96 Resp: 128073

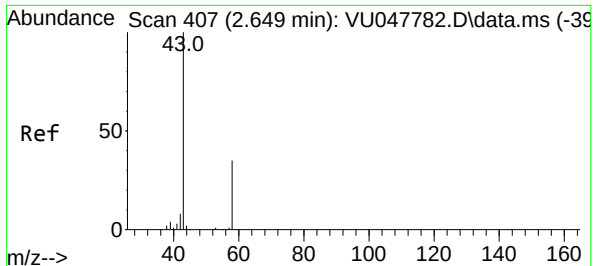
Ion Ratio Lower Upper

96 100

61 155.2 113.1 210.1

63 105.5 94.8 176.0





#13

Acetone

Concen: 71.065 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.026 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

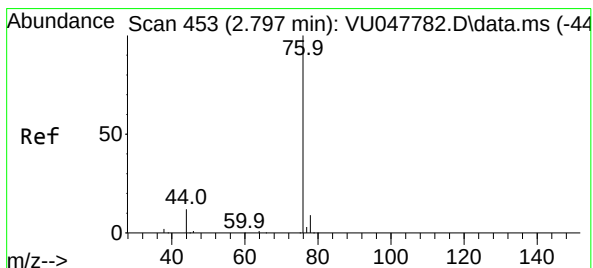
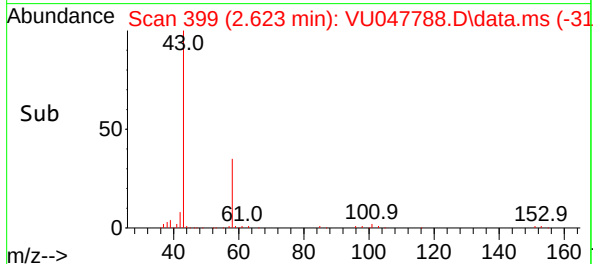
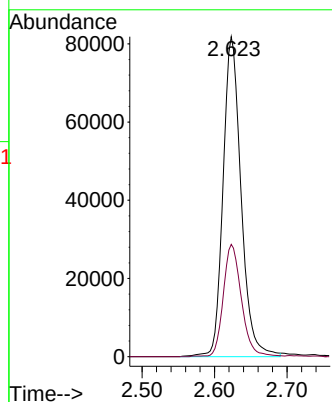
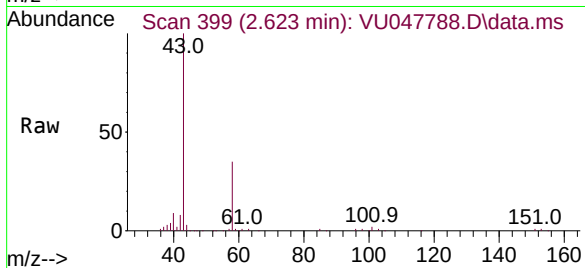
ClientSampleId :

Tgt Ion: 43 Resp: 141374

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#14

Carbon disulfide

Concen: 49.419 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047788.D

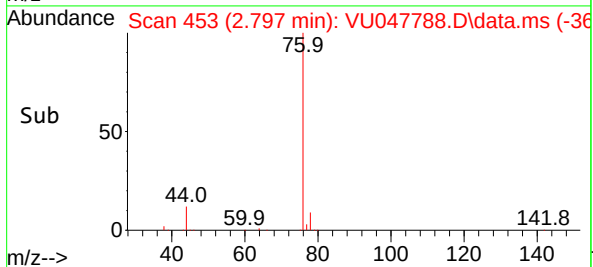
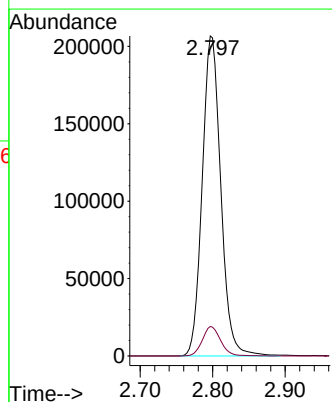
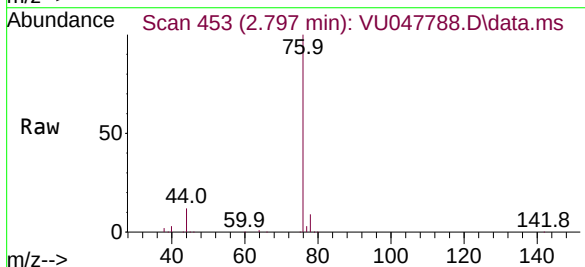
Acq: 01 Apr 2022 16:37

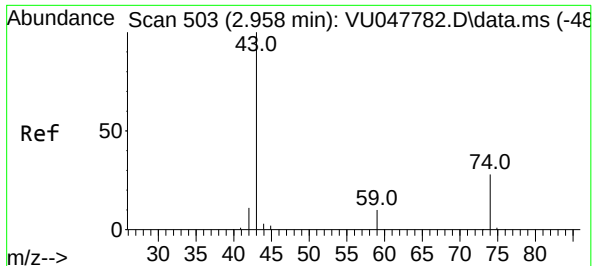
Tgt Ion: 76 Resp: 368022

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

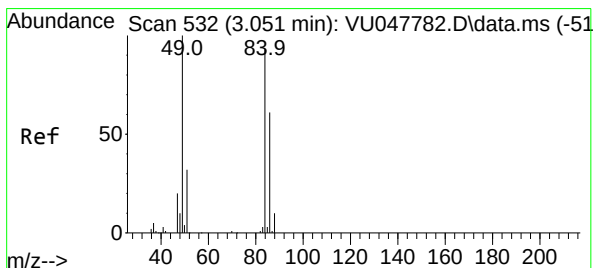
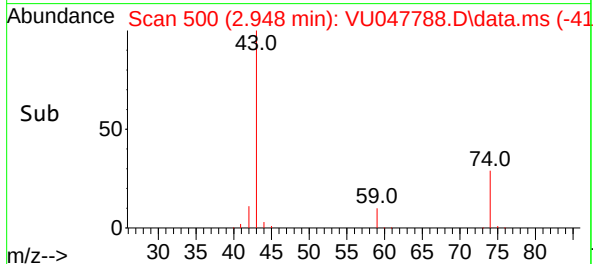
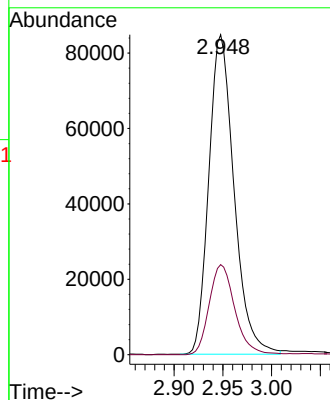
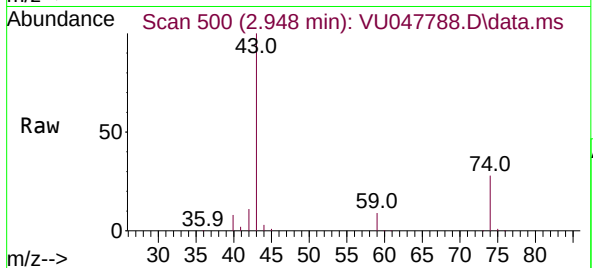




#15
Methyl Acetate
Concen: 48.057 ug/L
RT: 2.948 min Scan# 503
Delta R.T. -0.010 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

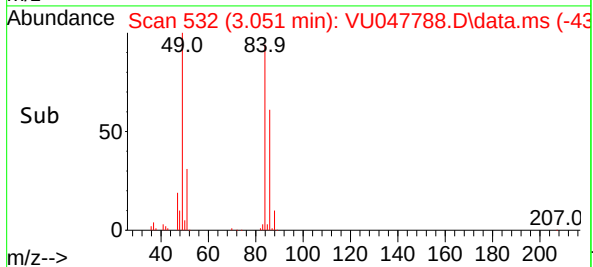
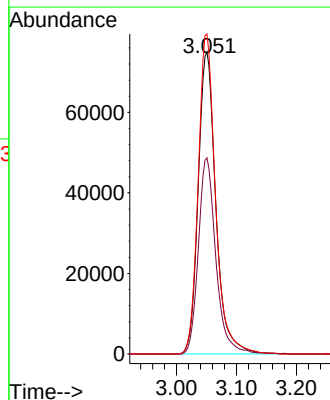
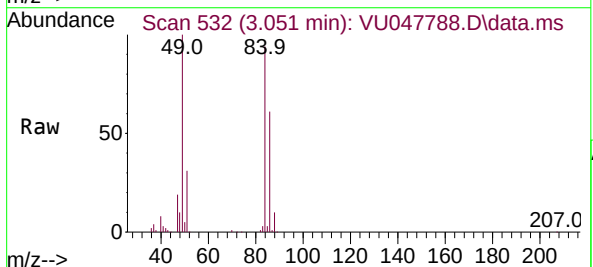
Instrument :
MSVOA_U
ClientSampleId :

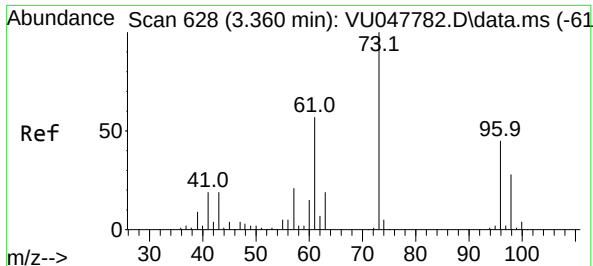
Tgt Ion: 43 Resp: 152449
Ion Ratio Lower Upper
43 100
74 28.6 22.2 33.2



#16
Methylene chloride
Concen: 56.898 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 84 Resp: 153824
Ion Ratio Lower Upper
84 100
86 65.0 46.0 85.4
49 105.9 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 54.859 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

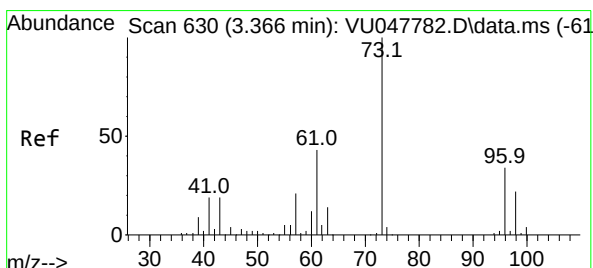
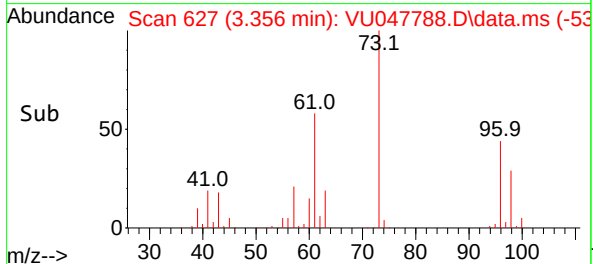
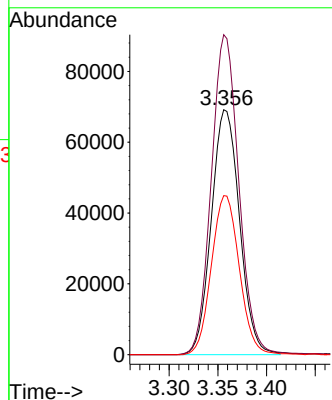
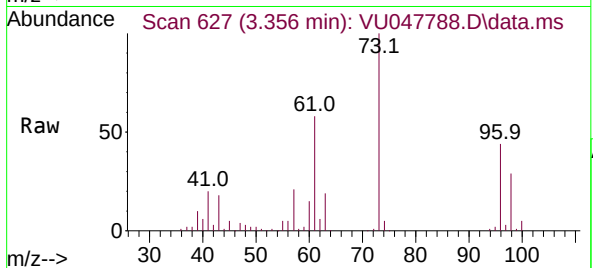
Tgt Ion: 96 Resp: 139404

Ion Ratio Lower Upper

96 100

61 130.7 88.4 164.2

98 64.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 58.474 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

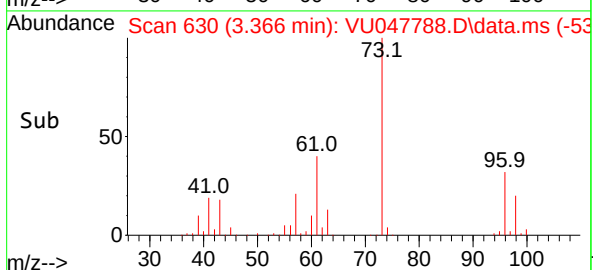
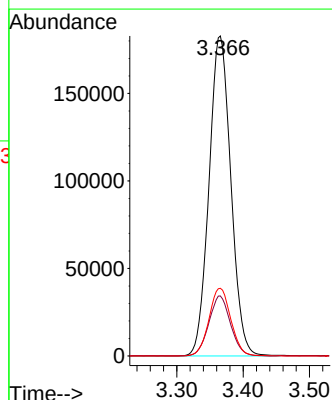
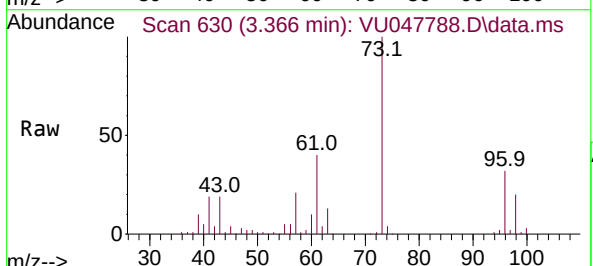
Tgt Ion: 73 Resp: 419200

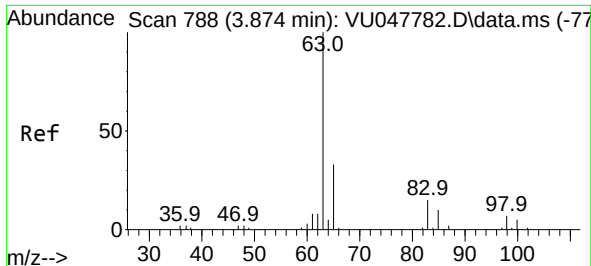
Ion Ratio Lower Upper

73 100

43 18.7 15.3 22.9

57 21.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 57.493 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

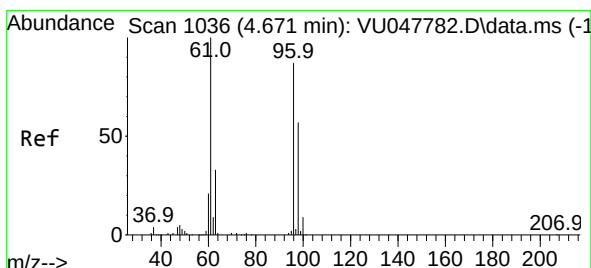
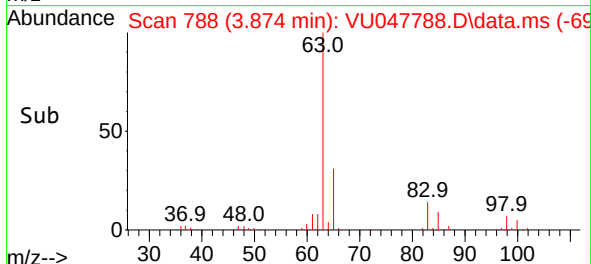
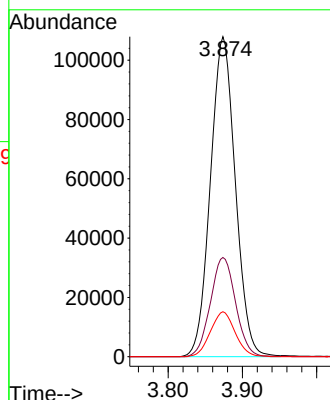
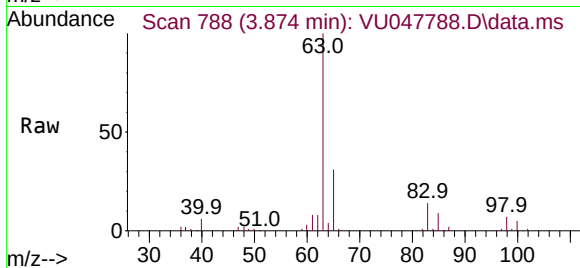
Tgt Ion: 63 Resp: 251964

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 57.395 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

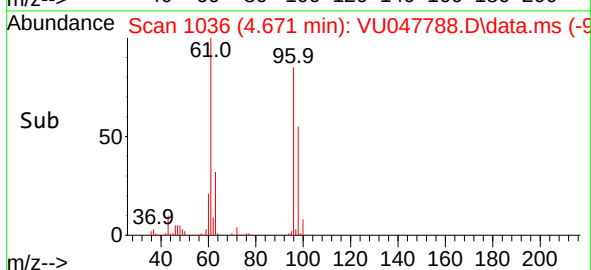
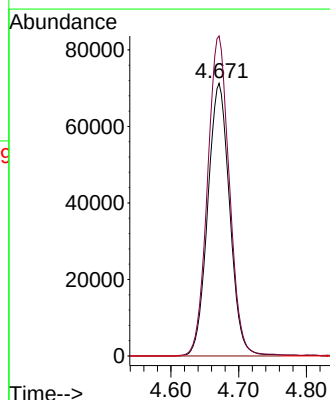
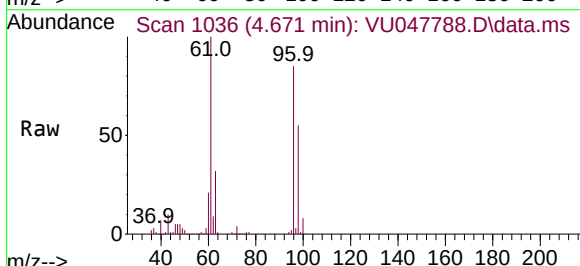
Tgt Ion: 96 Resp: 159894

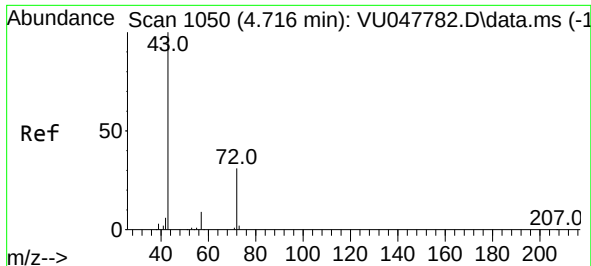
Ion Ratio Lower Upper

96 100

61 117.3 80.7 149.9

68 0.0 0.0 0.0

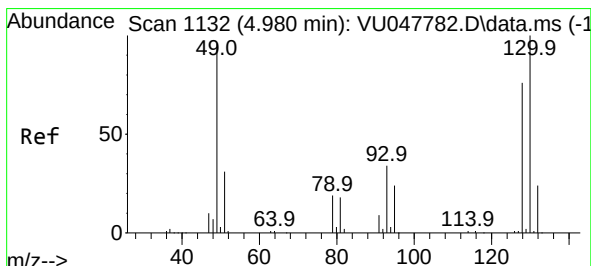
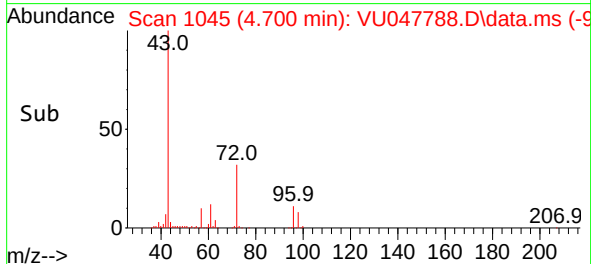
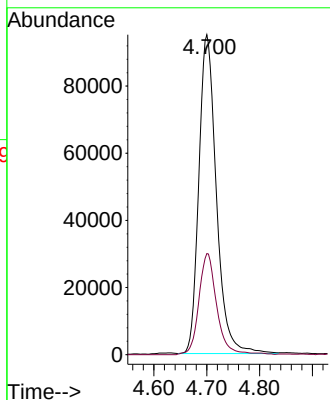
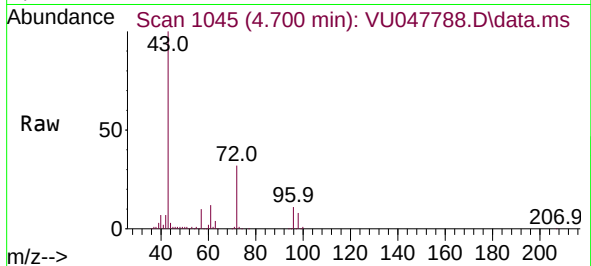




#22
2-Butanone
Concen: 85.309 ug/L
RT: 4.700 min Scan# 1104
Delta R.T. -0.016 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

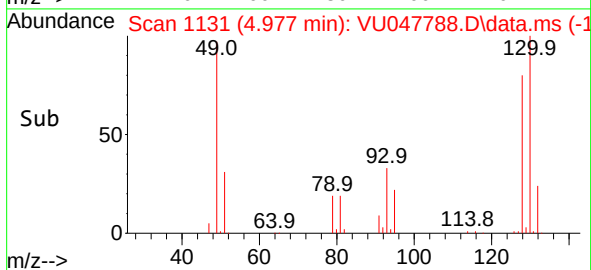
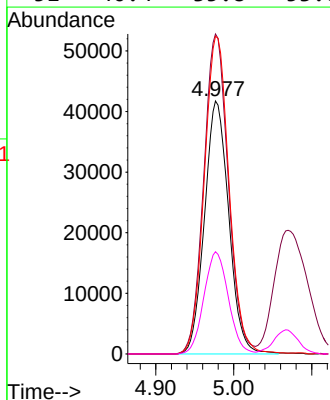
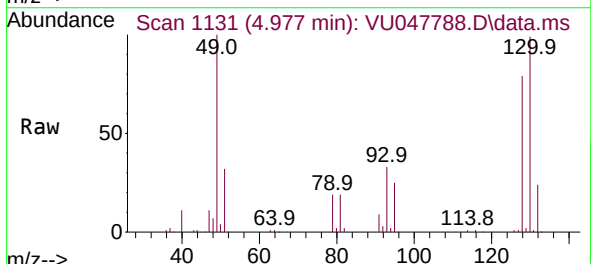
Instrument :
MSVOA_U
ClientSampleId :

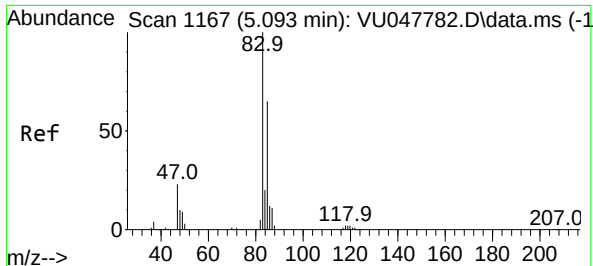
Tgt Ion: 43 Resp: 218615
Ion Ratio Lower Upper
43 100
72 32.0 16.0 47.9



#23
Bromochloromethane
Concen: 59.084 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 128 Resp: 90372
Ion Ratio Lower Upper
128 100
49 126.5 94.1 174.8
130 125.6 90.2 167.4
51 40.4 35.8 53.6





#25

Chloroform

Concen: 57.504 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

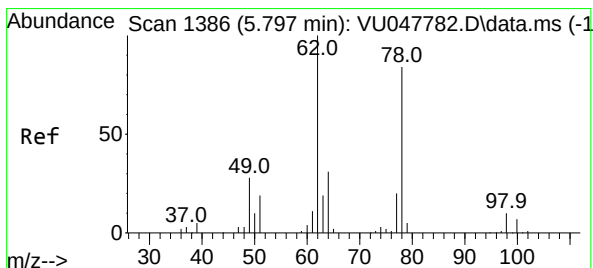
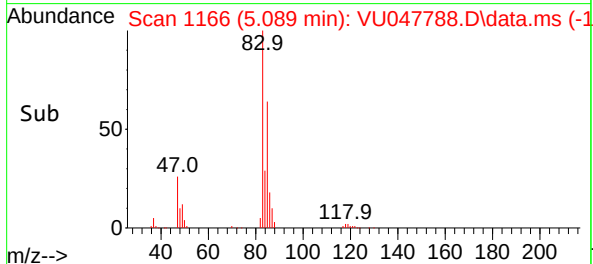
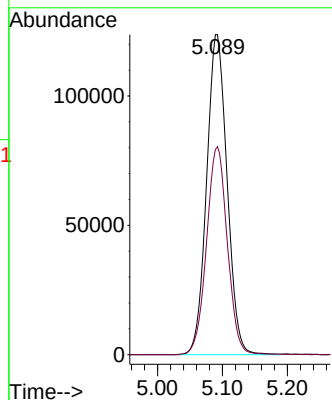
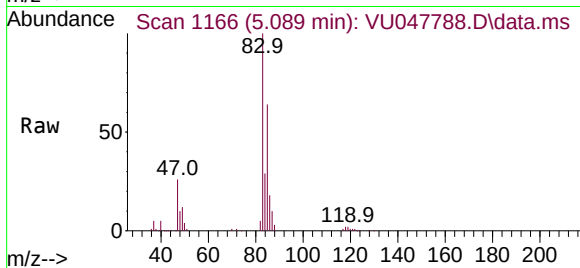
ClientSampleId :

Tgt Ion: 83 Resp: 271322

Ion Ratio Lower Upper

83 100

85 64.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 56.609 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047788.D

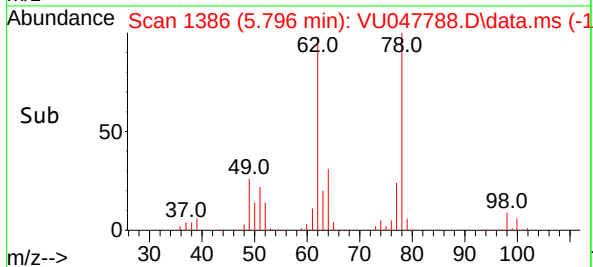
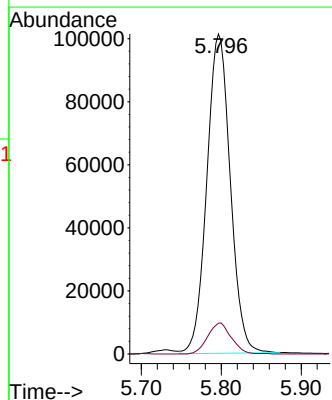
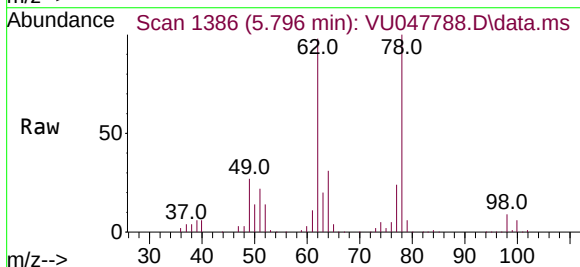
Acq: 01 Apr 2022 16:37

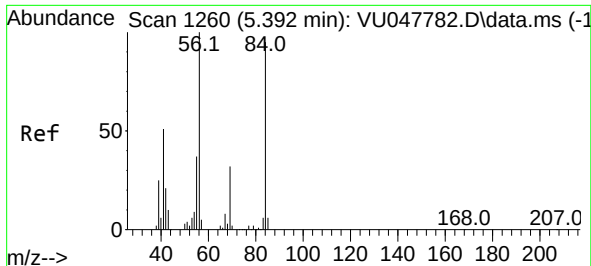
Tgt Ion: 62 Resp: 206361

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 55.546 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

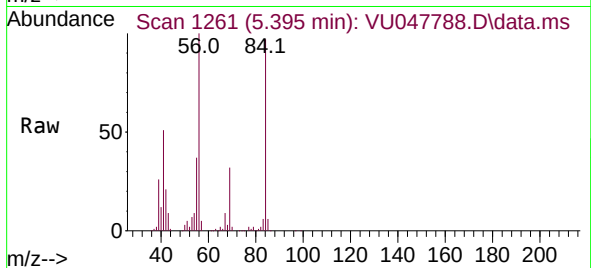
Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :



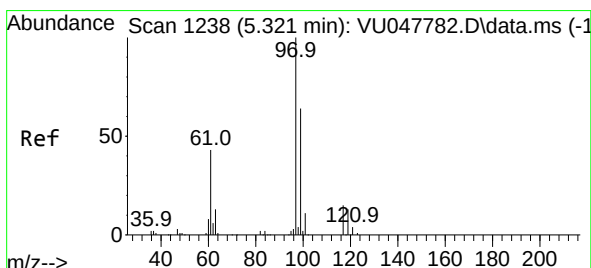
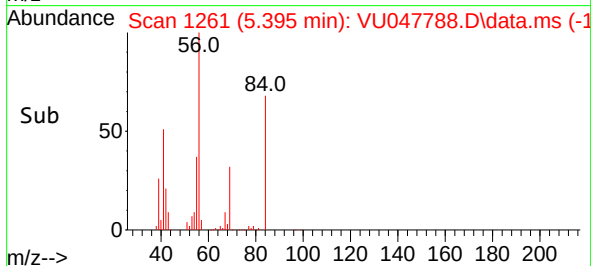
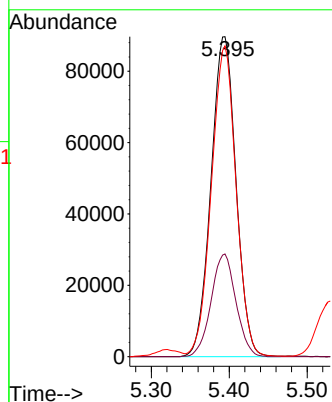
Tgt Ion: 56 Resp: 200279

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 95.5 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 58.281 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

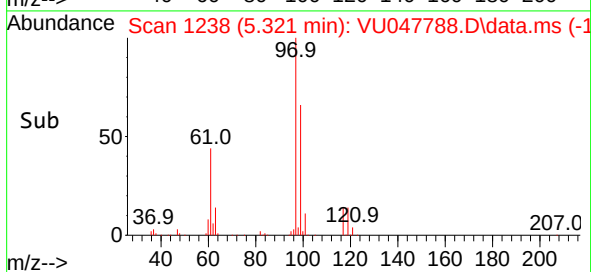
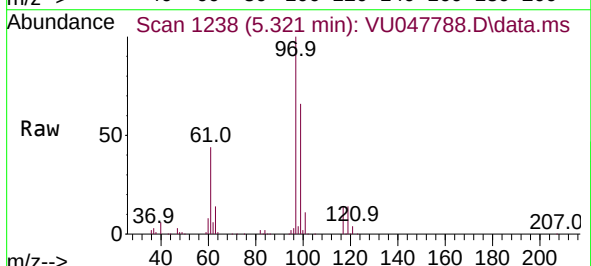
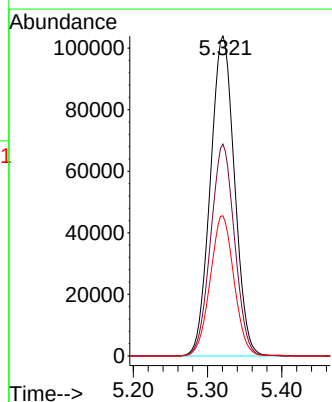
Tgt Ion: 97 Resp: 234817

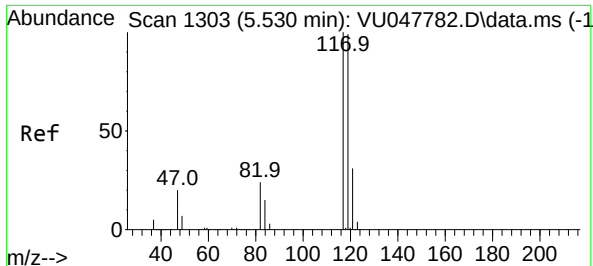
Ion Ratio Lower Upper

97 100

99 65.8 51.6 77.4

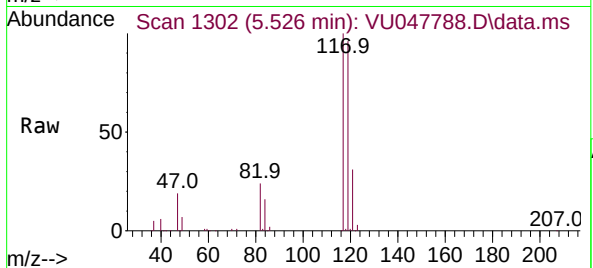
61 43.2 34.2 51.4



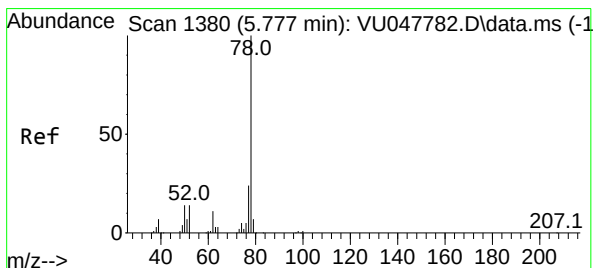
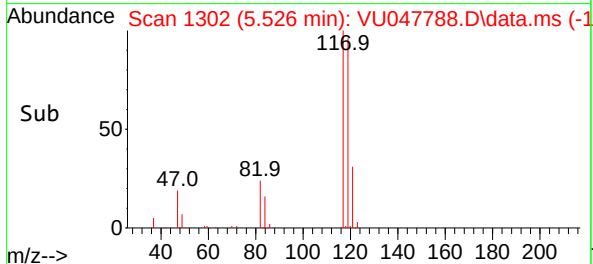
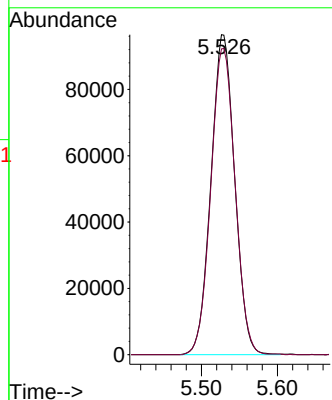


#31
Carbon tetrachloride
Concen: 57.573 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Instrument :
MSVOA_U
ClientSampleId :

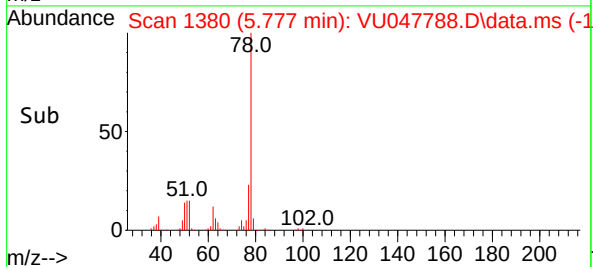
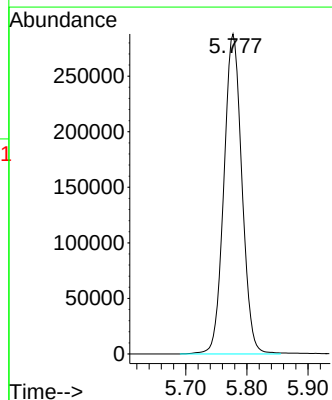
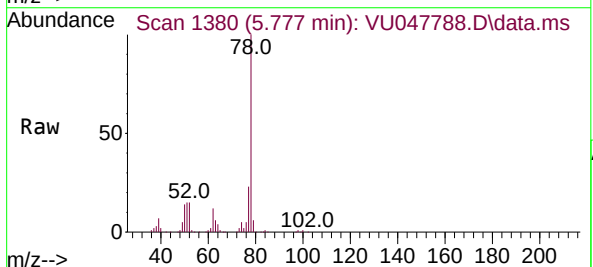


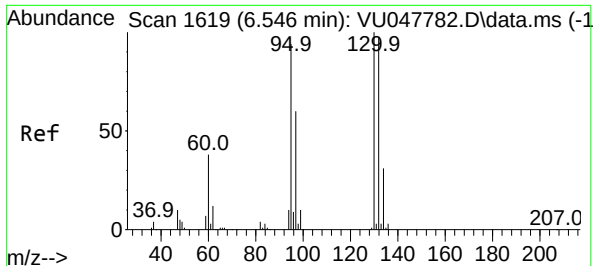
Tgt Ion:117 Resp: 209465
Ion Ratio Lower Upper
117 100
119 97.9 77.2 115.8



#33
Benzene
Concen: 57.445 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 78 Resp: 590831





#34

Trichloroethene

Concen: 58.191 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

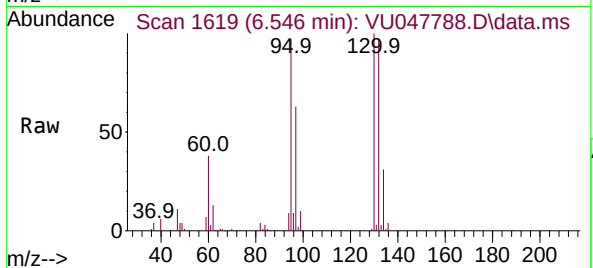
Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 156909

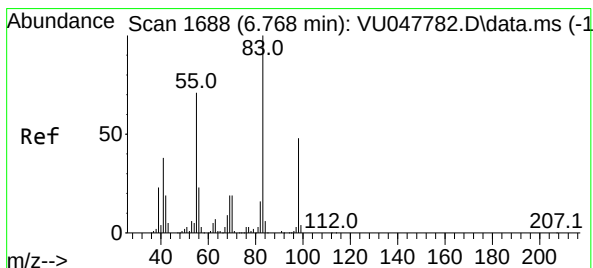
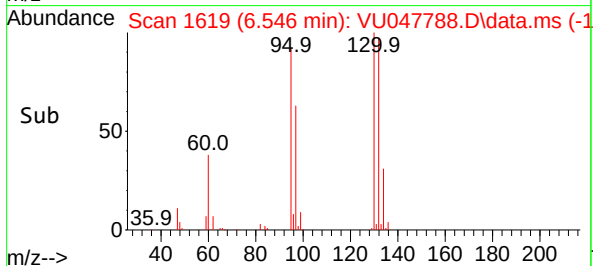
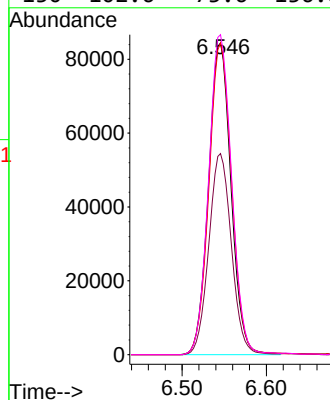
Ion Ratio Lower Upper

95 100

97 64.5 44.7 82.9

132 100.0 70.4 130.8

130 102.6 73.6 136.8



#35

Methylcyclohexane

Concen: 56.407 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

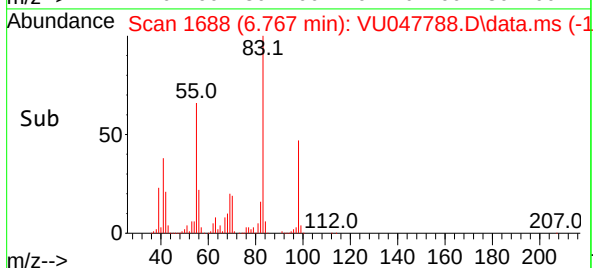
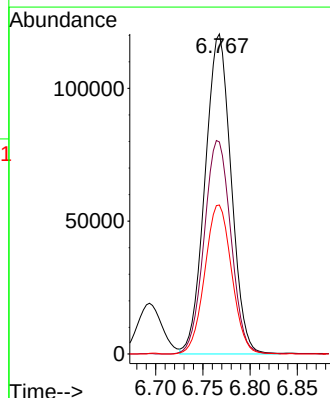
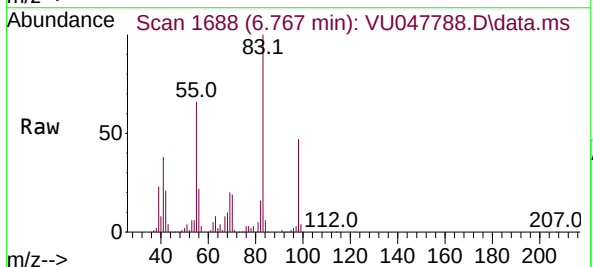
Tgt Ion: 83 Resp: 231391

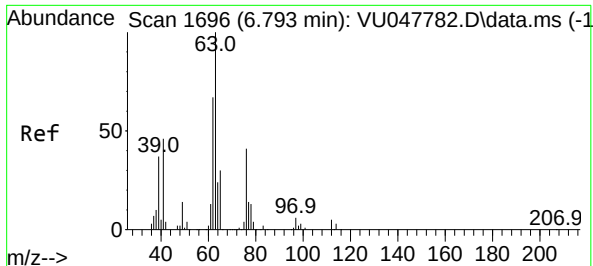
Ion Ratio Lower Upper

83 100

55 68.4 56.8 85.2

98 48.0 38.1 57.1

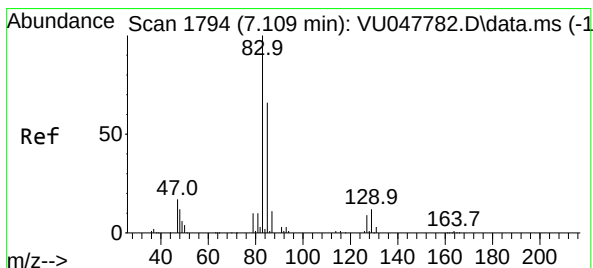
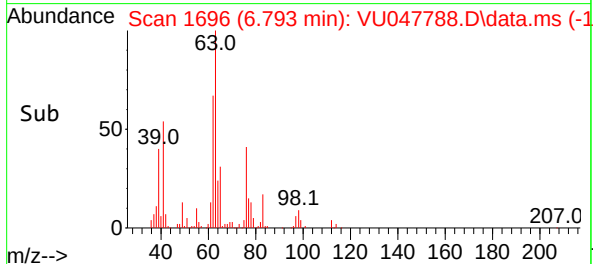
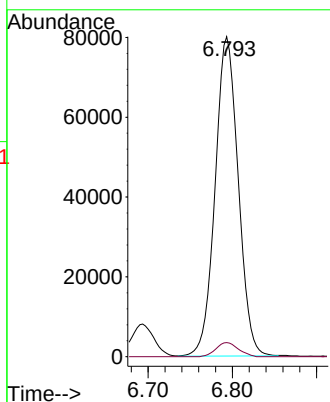
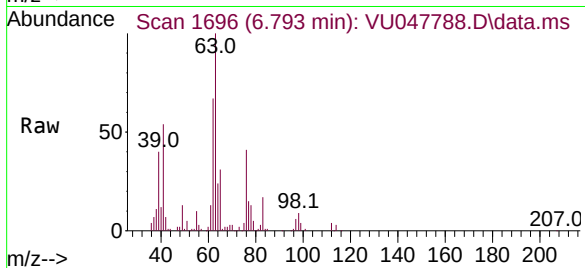




#37
1,2-Dichloropropane
Concen: 58.194 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

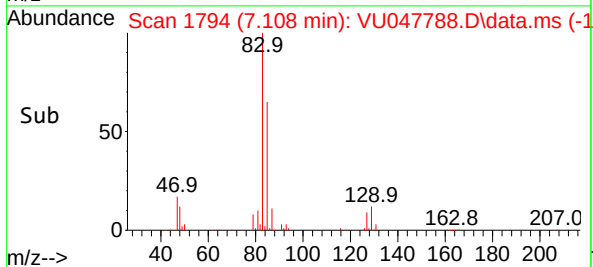
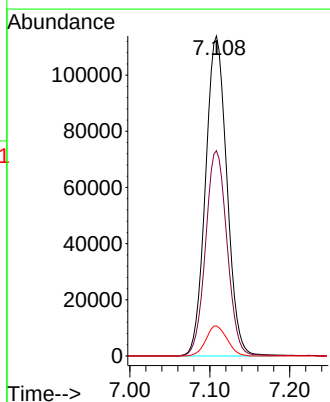
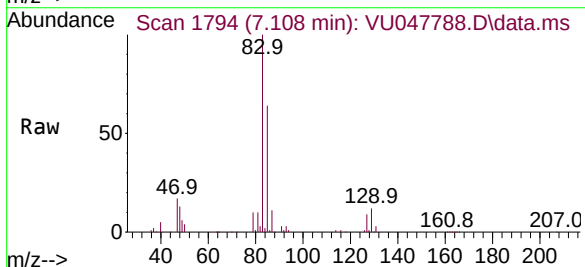
Instrument :
MSVOA_U
ClientSampleId :

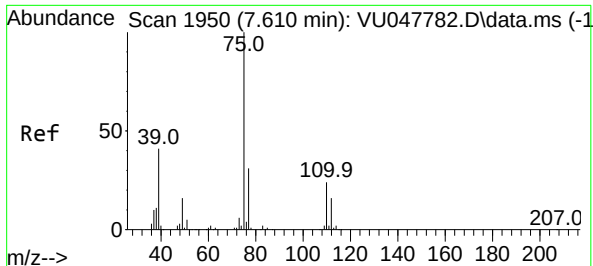
Tgt Ion: 63 Resp: 152157
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 58.944 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 83 Resp: 211638
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 59.399 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

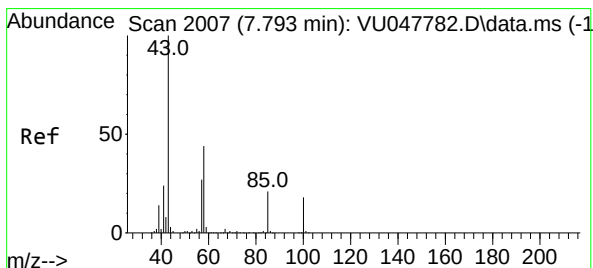
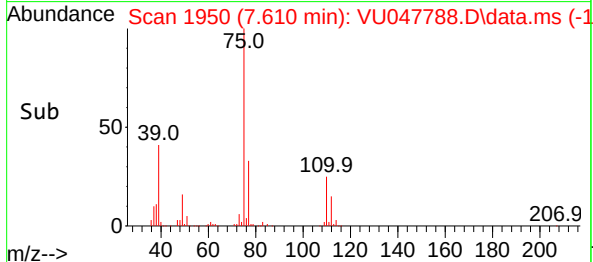
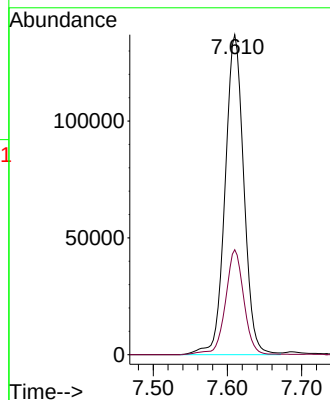
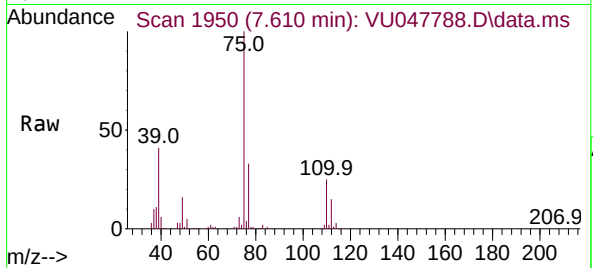
ClientSampleId :

Tgt Ion: 75 Resp: 240977

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 100.550 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

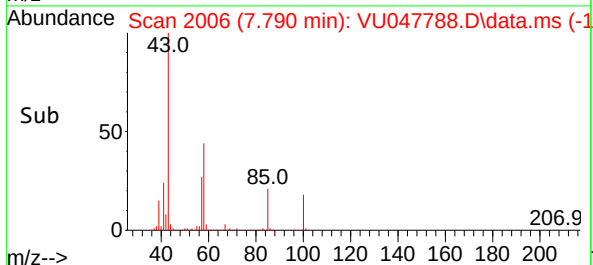
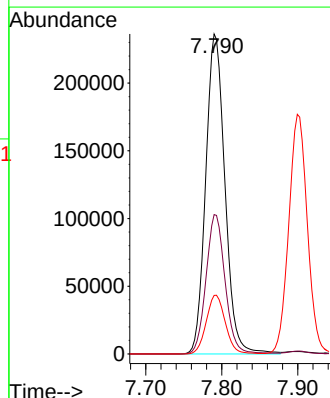
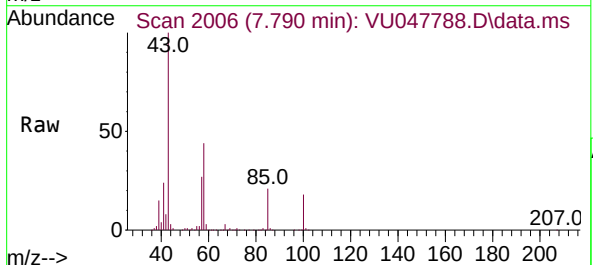
Tgt Ion: 43 Resp: 415512

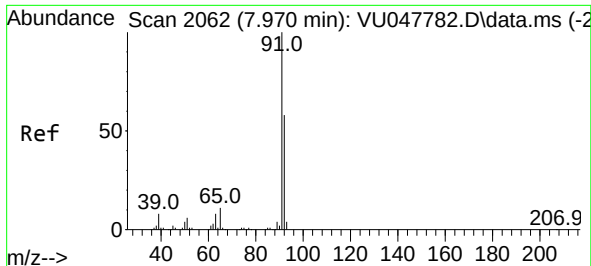
Ion Ratio Lower Upper

43 100

58 43.2 34.7 52.1

100 18.2 14.2 21.2





#42

Toluene

Concen: 58.428 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

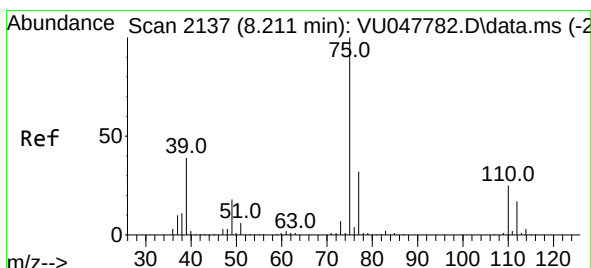
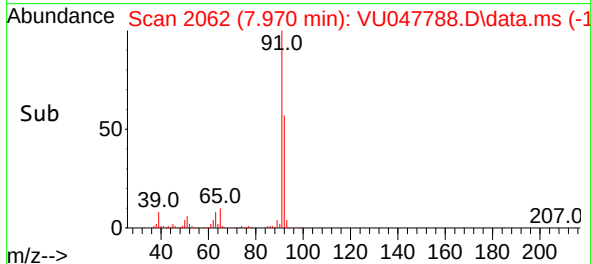
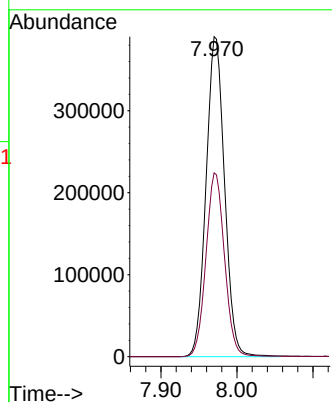
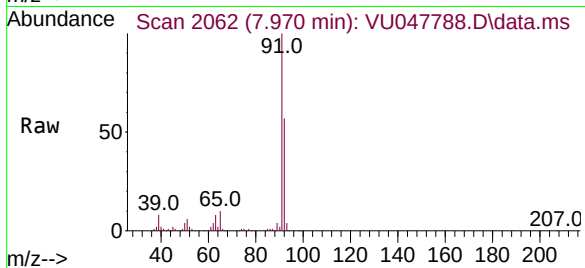
ClientSampleId :

Tgt Ion: 91 Resp: 659368

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 58.762 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047788.D

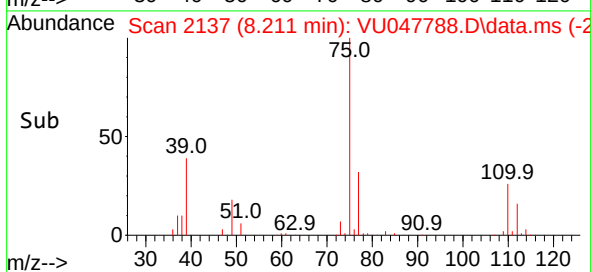
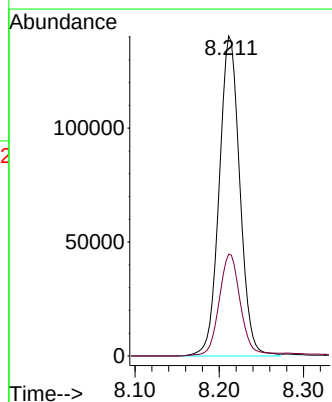
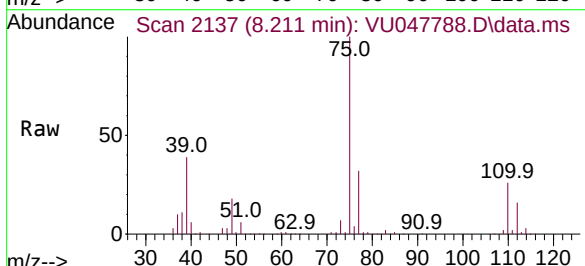
Acq: 01 Apr 2022 16:37

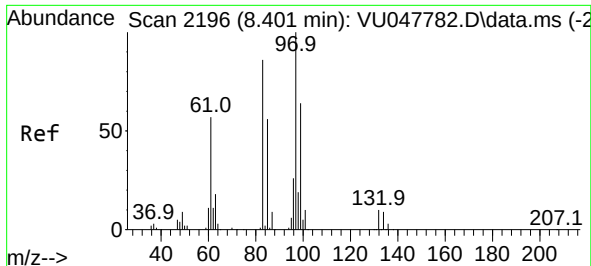
Tgt Ion: 75 Resp: 238025

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 57.280 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

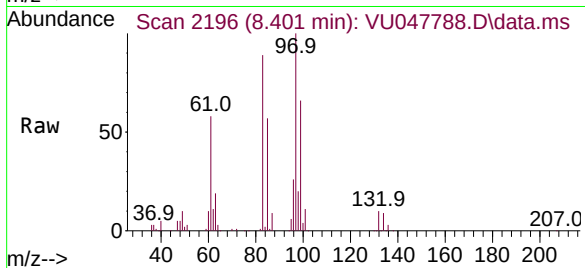
Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 158836

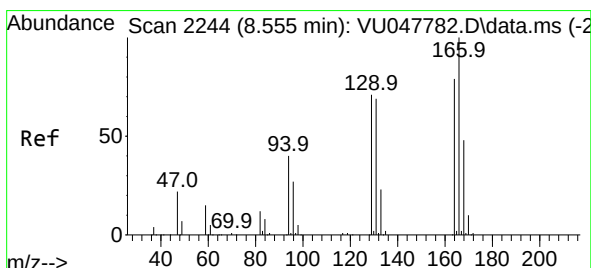
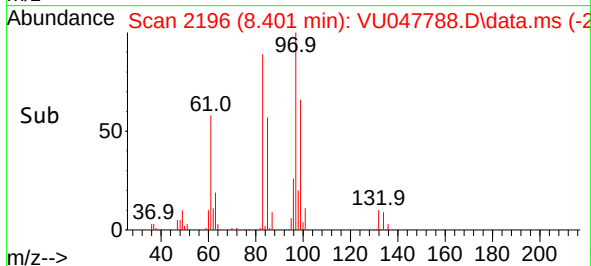
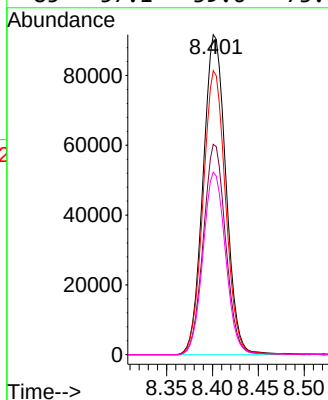
Ion Ratio Lower Upper

97 100

99 65.8 43.3 80.3

83 88.8 61.0 113.4

85 57.1 39.6 73.6



#46

Tetrachloroethene

Concen: 57.093 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Tgt Ion:164 Resp: 138344

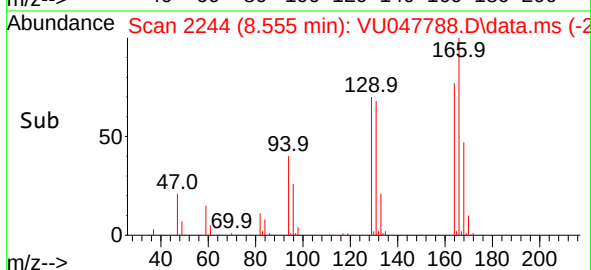
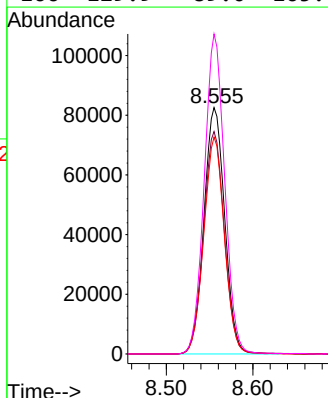
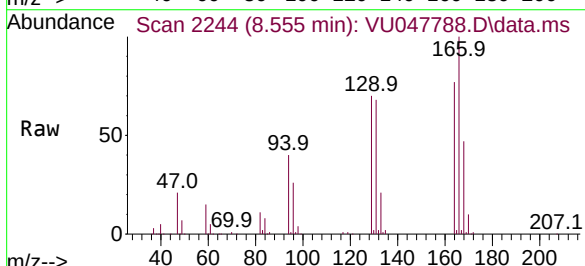
Ion Ratio Lower Upper

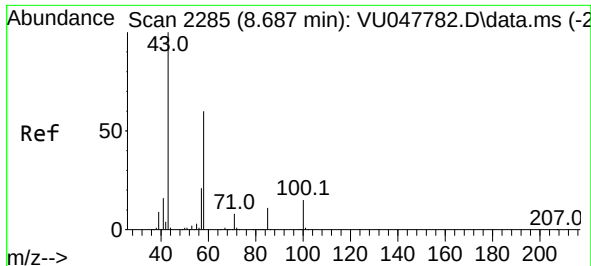
164 100

129 90.3 62.4 116.0

131 88.0 60.7 112.7

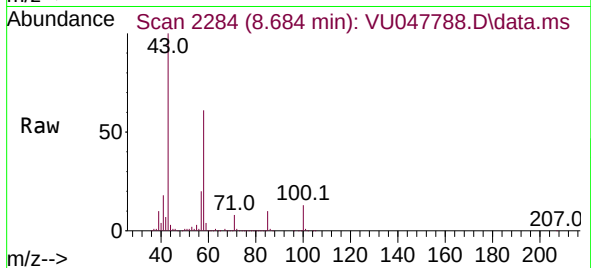
166 129.9 89.0 165.4



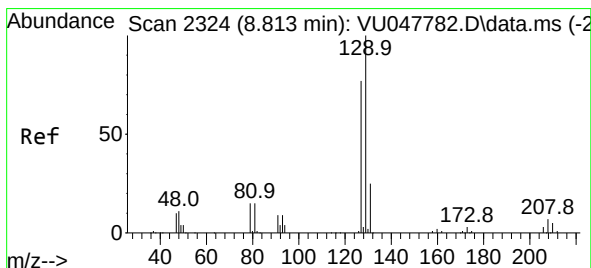
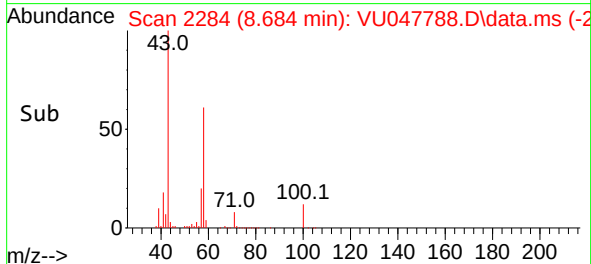
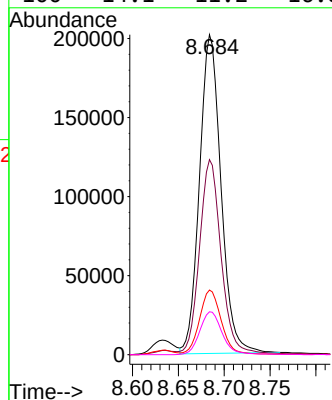


#48
2-Hexanone
Concen: 92.785 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Instrument :
MSVOA_U
ClientSampleId :

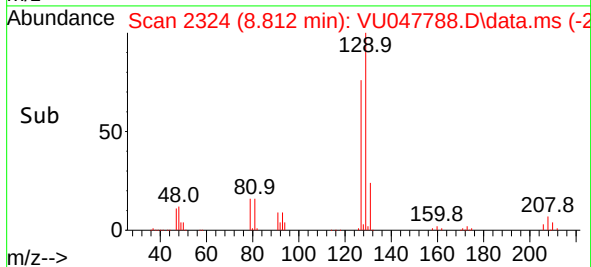
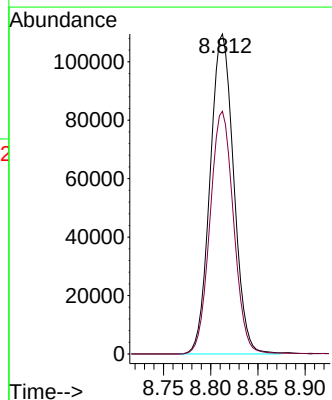
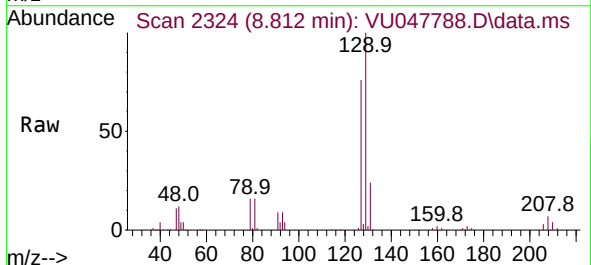


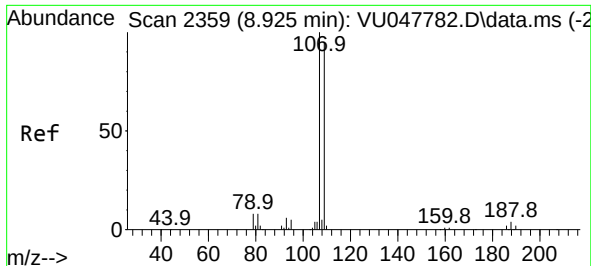
Tgt Ion: 43 Resp: 329816
Ion Ratio Lower Upper
43 100
58 61.7 48.1 72.1
57 20.5 16.2 24.4
100 14.1 11.2 16.8



#49
Dibromochloromethane
Concen: 59.233 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 129 Resp: 190242
Ion Ratio Lower Upper
129 100
127 75.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 57.072 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

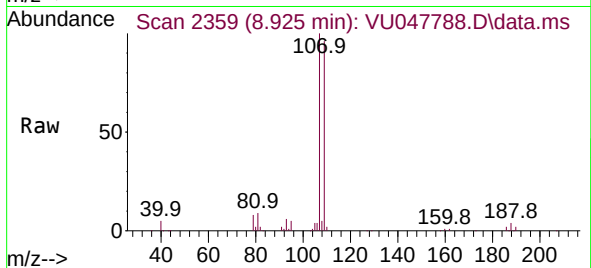
Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :



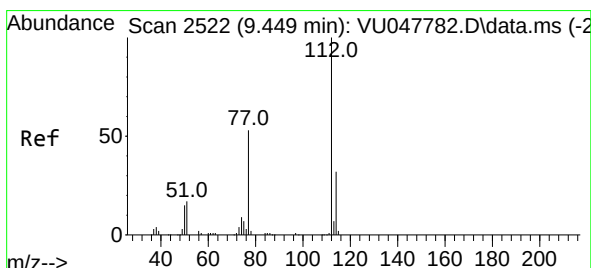
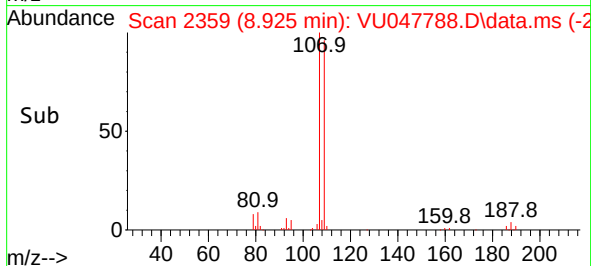
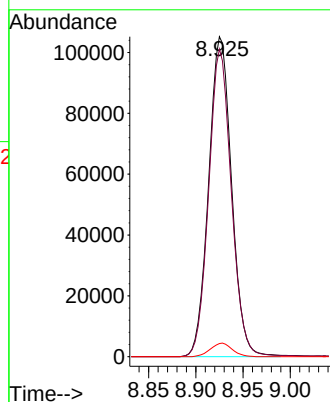
Tgt Ion:107 Resp: 177423

Ion Ratio Lower Upper

107 100

109 96.2 66.6 123.6

188 4.1 3.4 5.2



#51

Chlorobenzene

Concen: 57.772 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

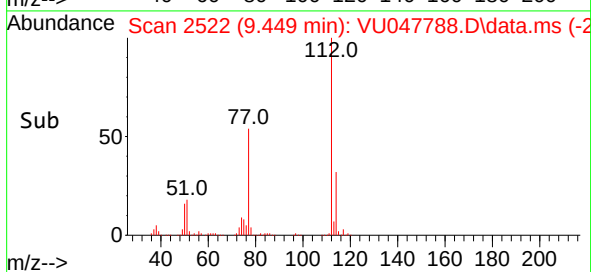
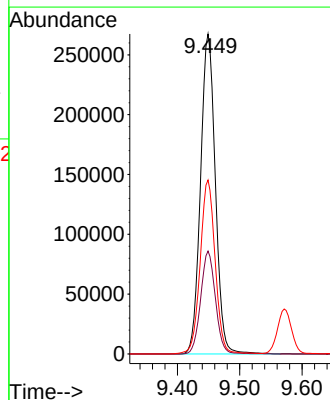
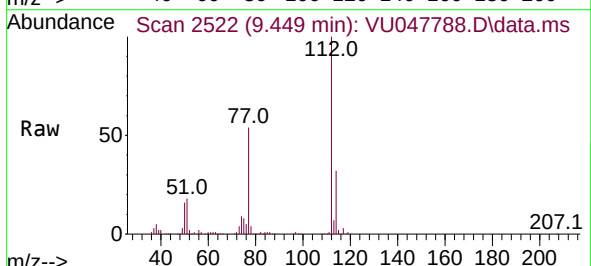
Tgt Ion:112 Resp: 442679

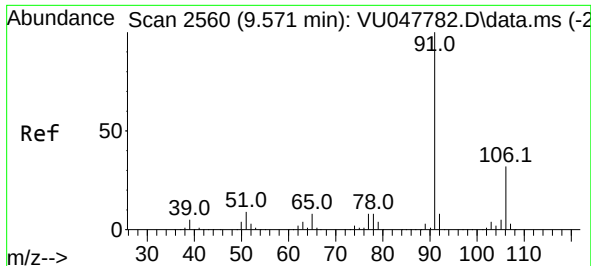
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 54.4 43.4 65.0

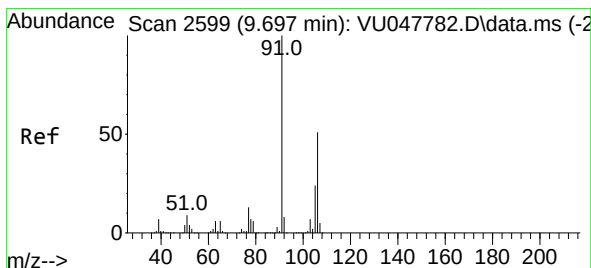
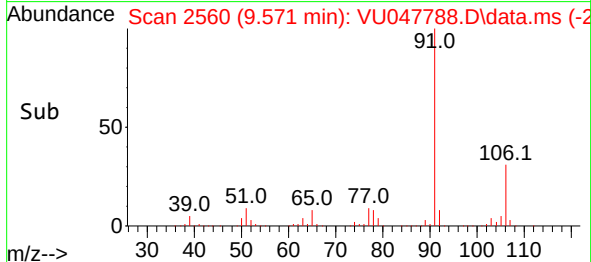
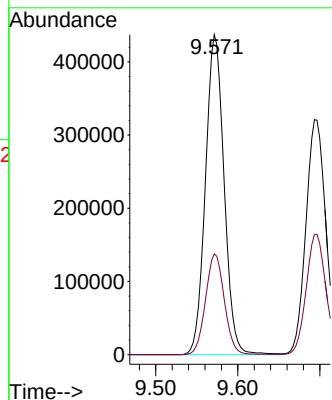
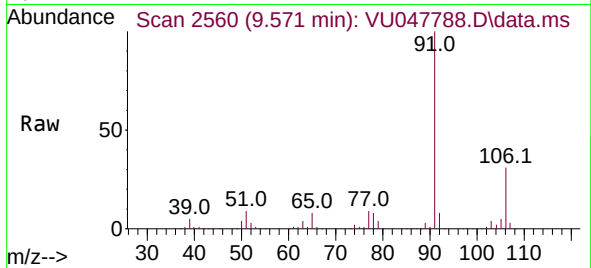




#52
Ethylbenzene
Concen: 58.363 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

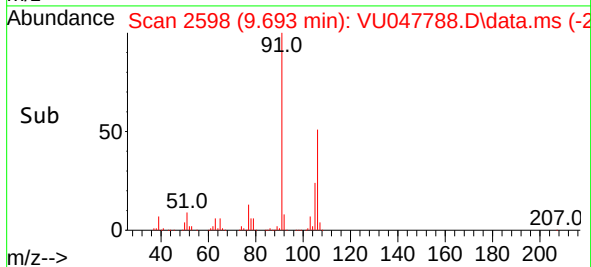
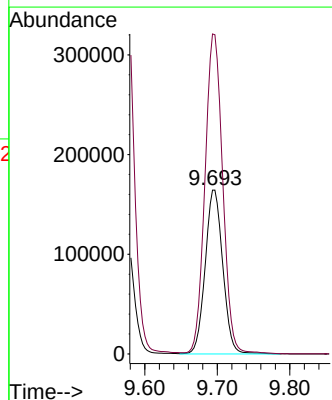
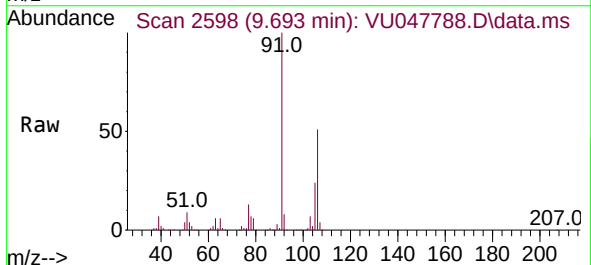
Instrument :
MSVOA_U
ClientSampleId :

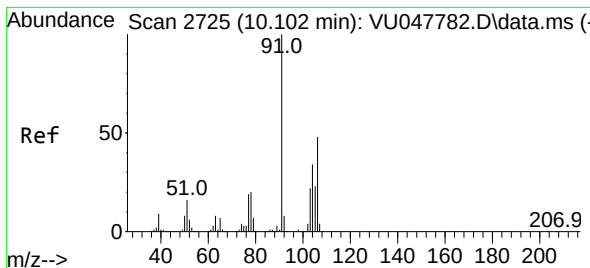
Tgt Ion: 91 Resp: 692533
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#53
m,p-Xylene
Concen: 59.599 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 106 Resp: 277491
Ion Ratio Lower Upper
106 100
91 195.2 137.7 255.7





#54

o-Xylene

Concen: 59.567 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

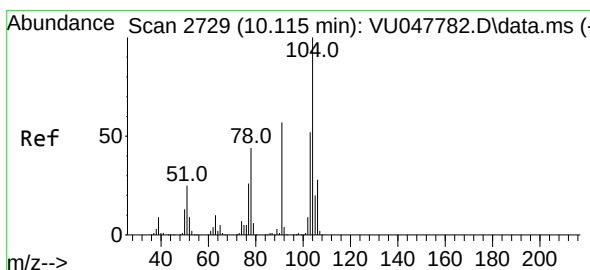
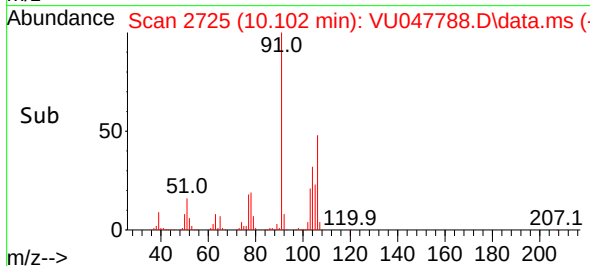
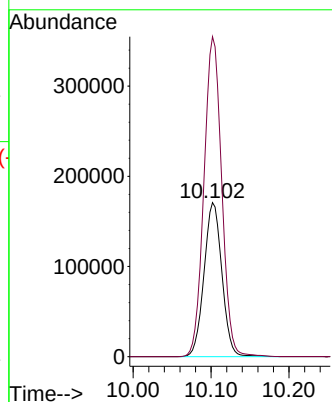
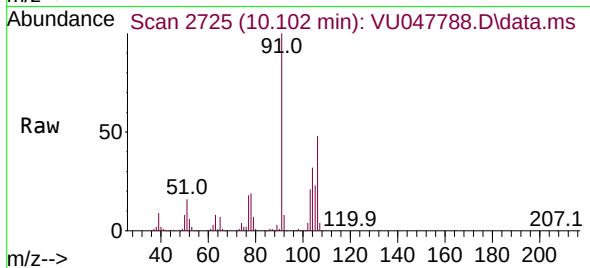
ClientSampleId :

Tgt Ion:106 Resp: 272205

Ion Ratio Lower Upper

106 100

91 207.8 146.7 272.5



#55

Styrene

Concen: 58.287 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047788.D

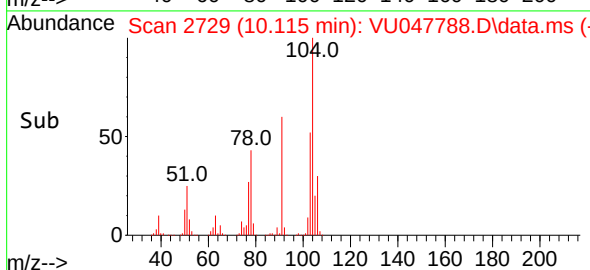
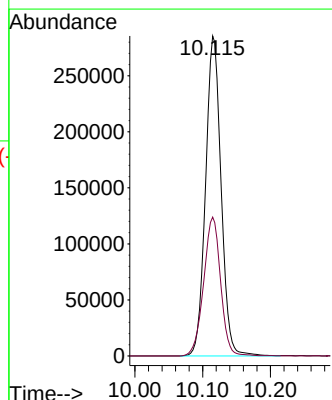
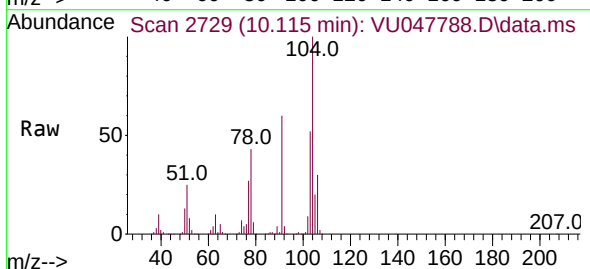
Acq: 01 Apr 2022 16:37

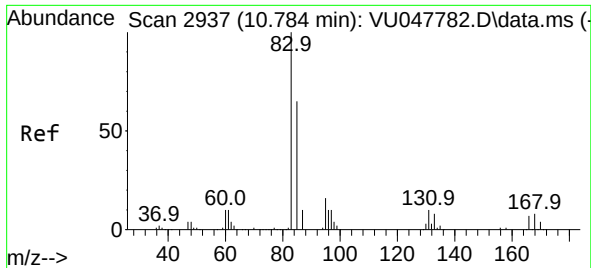
Tgt Ion:104 Resp: 454755

Ion Ratio Lower Upper

104 100

78 43.4 30.4 56.4



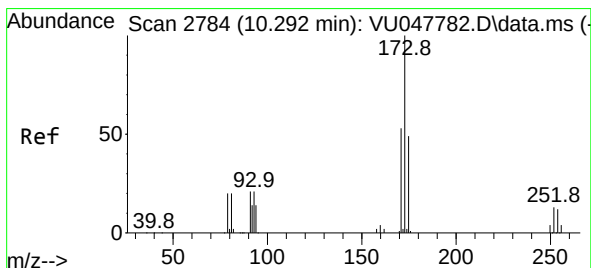
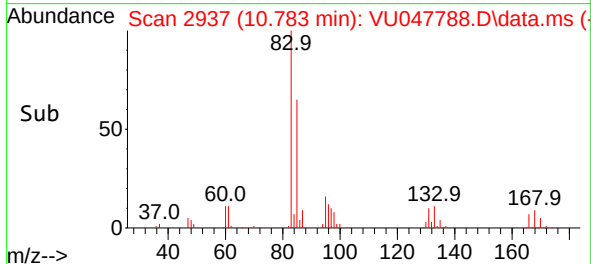
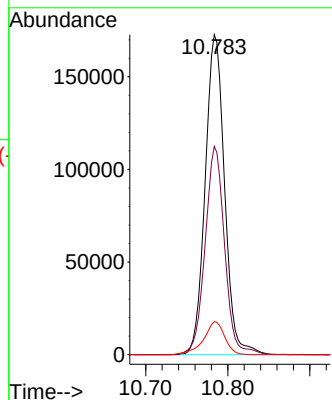
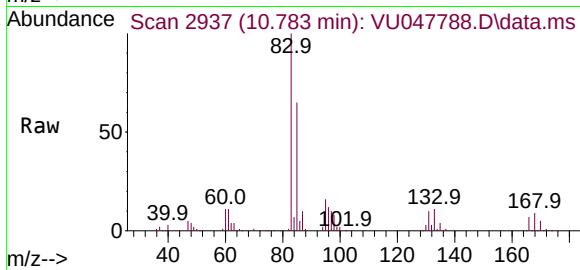


#57
 1,1,2,2-Tetrachloroethane
 Concen: 54.710 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 83 Resp: 284417

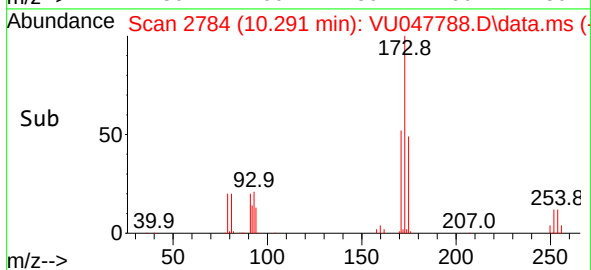
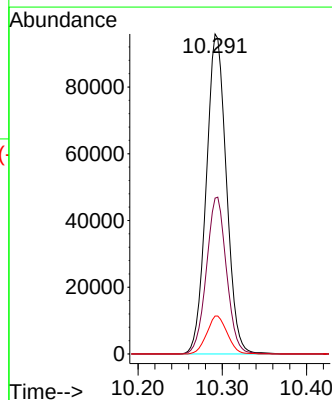
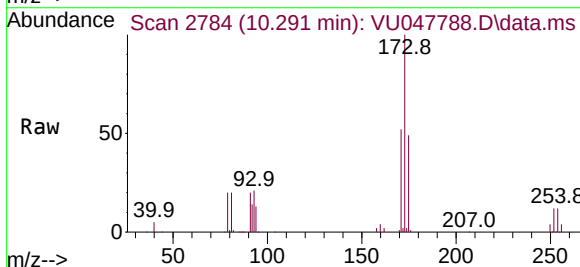
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.9	83.3
131	10.3	8.6	13.0

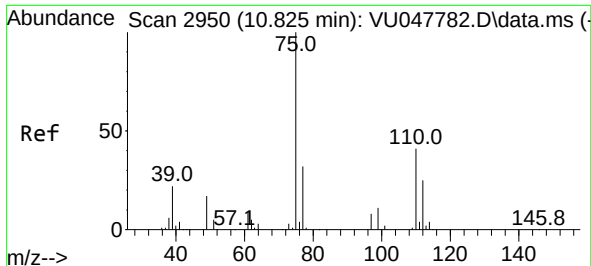


#59
 Bromoform
 Concen: 57.236 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37

Tgt Ion:173 Resp: 159099

Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.7	58.1
254	12.0	9.6	14.4

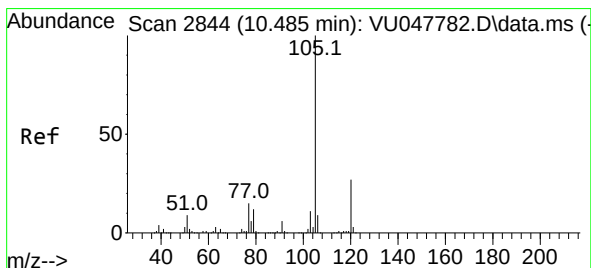
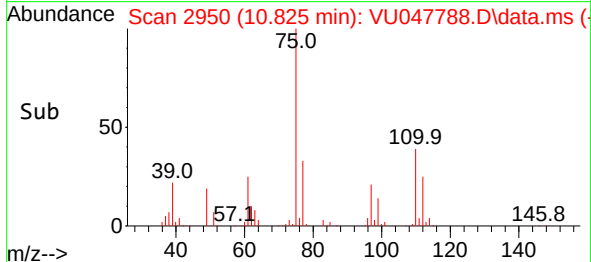
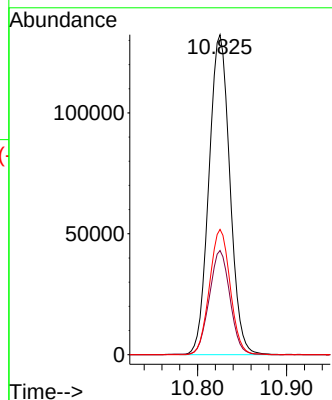
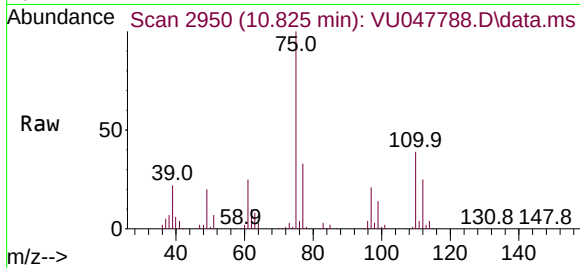




#60
 1,2,3-Trichloropropane
 Concen: 52.679 ug/L
 RT: 10.825 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37

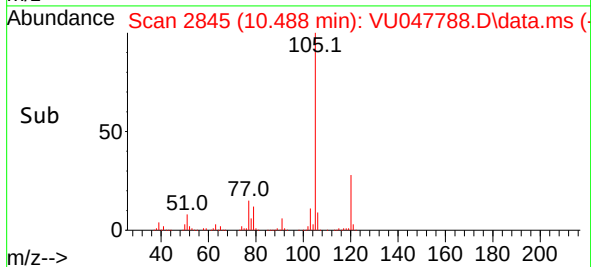
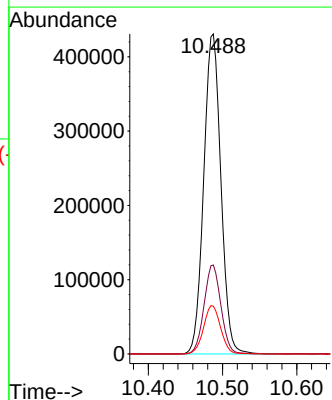
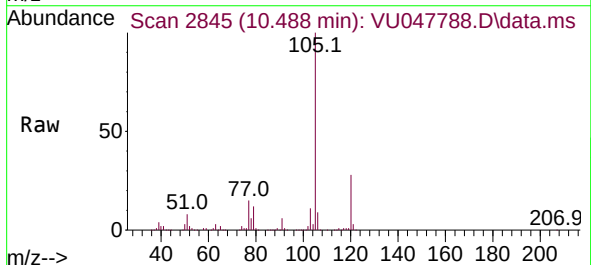
Instrument :
 MSVOA_U
 ClientSampleId :

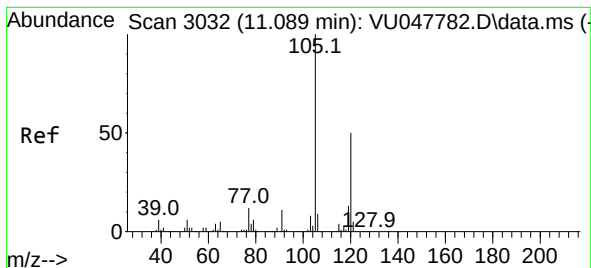
Tgt Ion: 75 Resp: 215876
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.0 39.0
 110 38.7 31.4 47.2



#61
 Isopropylbenzene
 Concen: 58.779 ug/L
 RT: 10.488 min Scan# 2845
 Delta R.T. 0.003 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37

Tgt Ion: 105 Resp: 690554
 Ion Ratio Lower Upper
 105 100
 120 27.4 21.9 32.9
 77 15.1 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 58.692 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

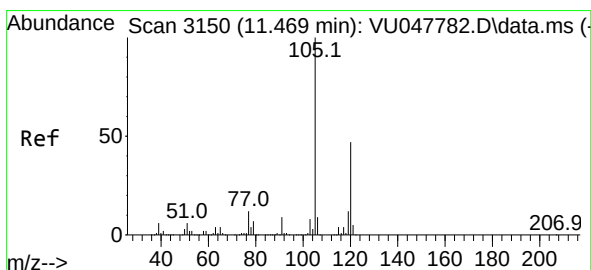
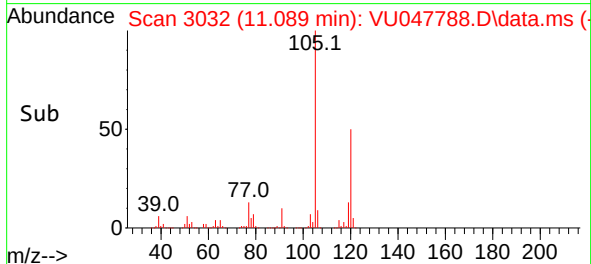
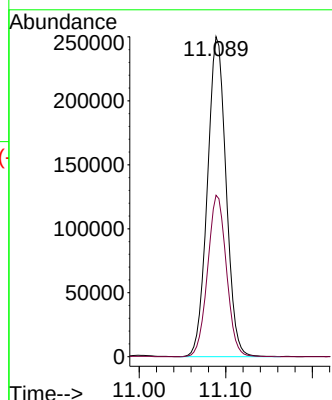
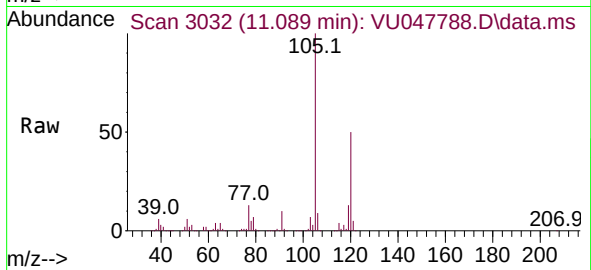
ClientSampleId :

Tgt Ion:105 Resp: 374123

Ion Ratio Lower Upper

105 100

120 50.7 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 59.736 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047788.D

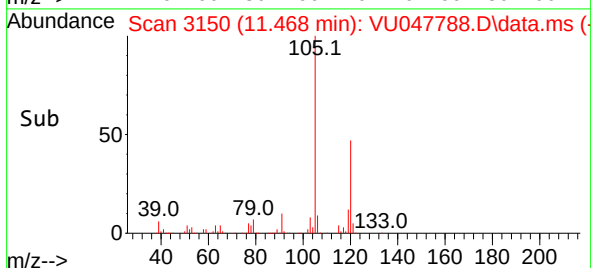
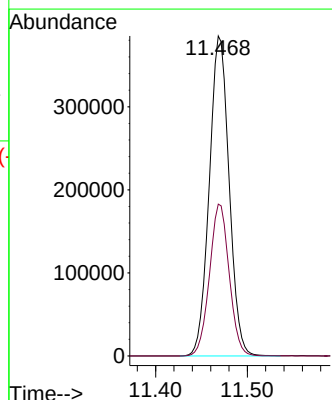
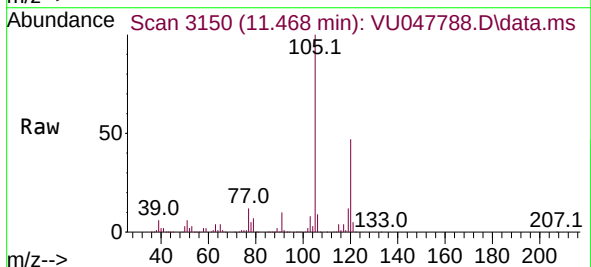
Acq: 01 Apr 2022 16:37

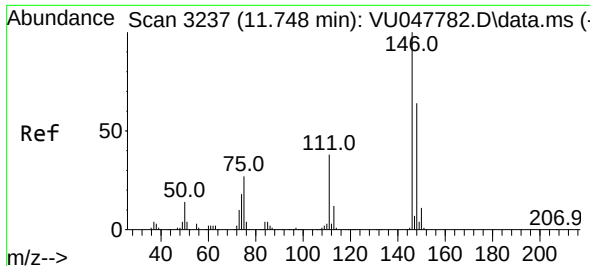
Tgt Ion:105 Resp: 578391

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4

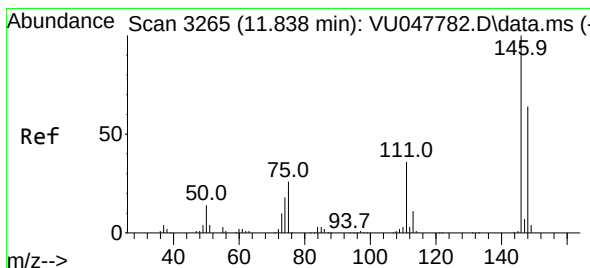
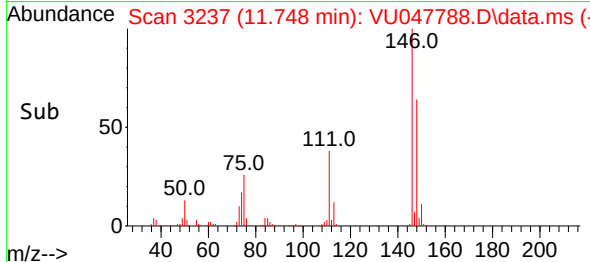
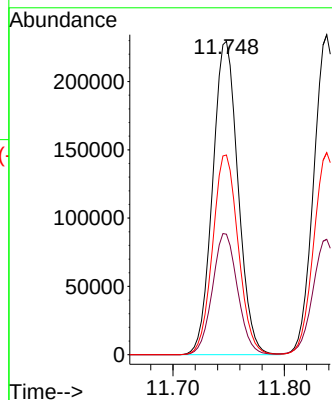
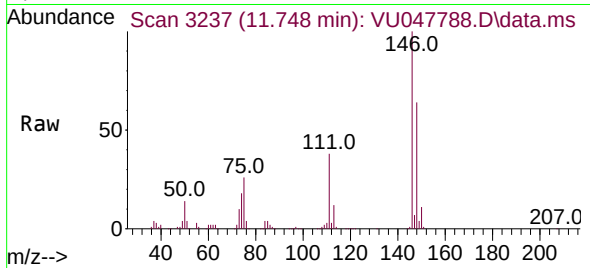




#64
1,3-Dichlorobenzene
Concen: 55.749 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

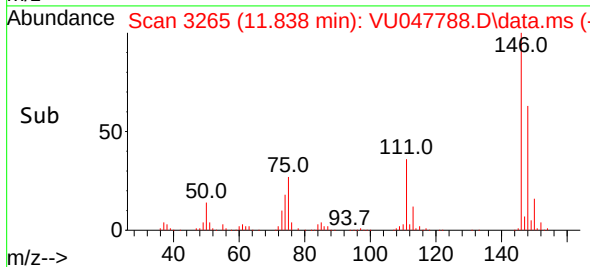
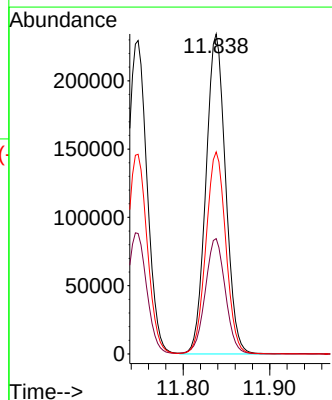
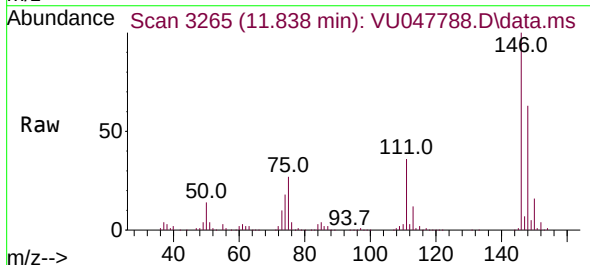
Instrument :
MSVOA_U
ClientSampleId :

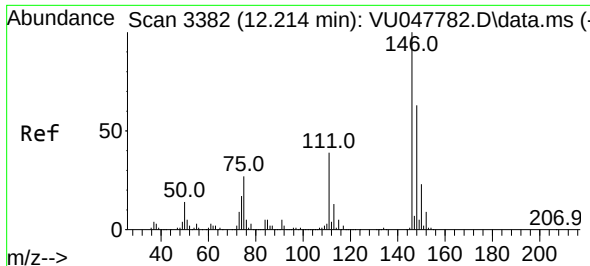
Tgt Ion:146 Resp: 364040
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 63.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 54.608 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion:146 Resp: 369352
Ion Ratio Lower Upper
146 100
111 36.0 25.3 47.1
148 63.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.850 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

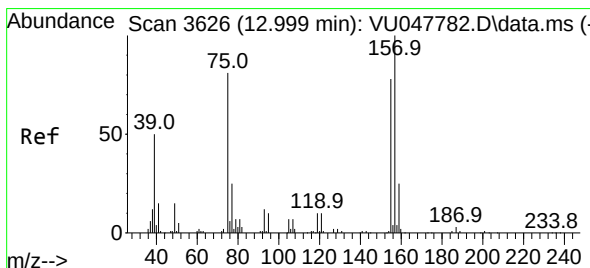
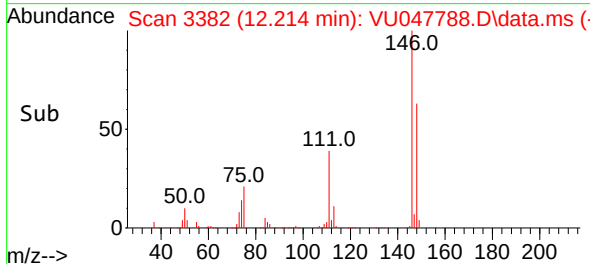
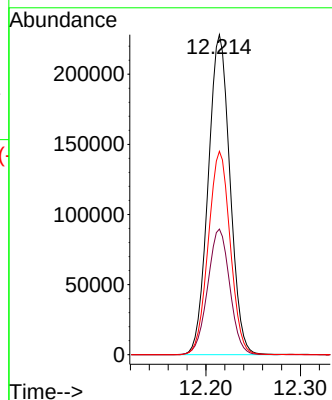
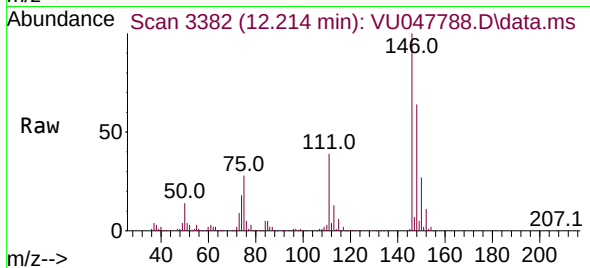
Tgt Ion:146 Resp: 364913

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 63.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.803 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU047788.D

Acq: 01 Apr 2022 16:37

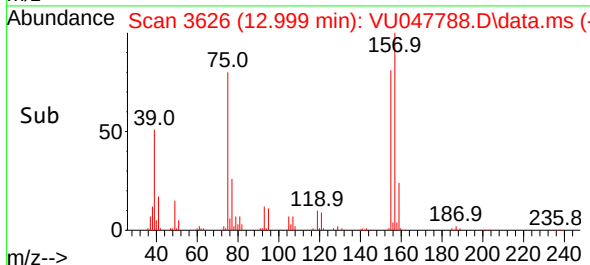
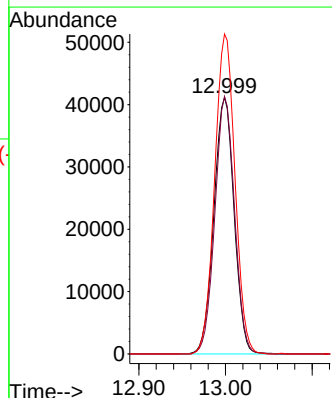
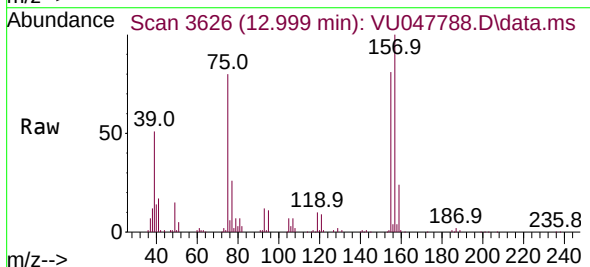
Tgt Ion: 75 Resp: 66688

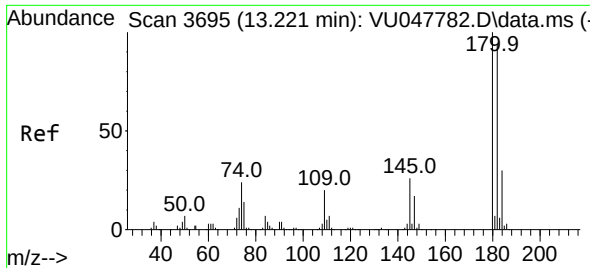
Ion Ratio Lower Upper

75 100

155 100.4 78.9 118.3

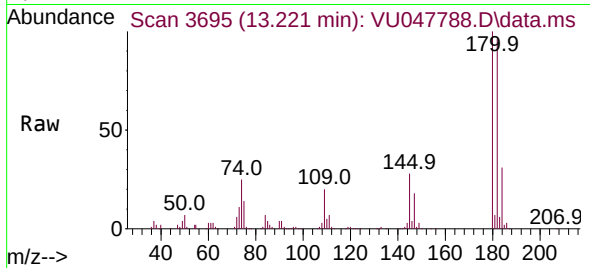
157 124.7 97.5 146.3



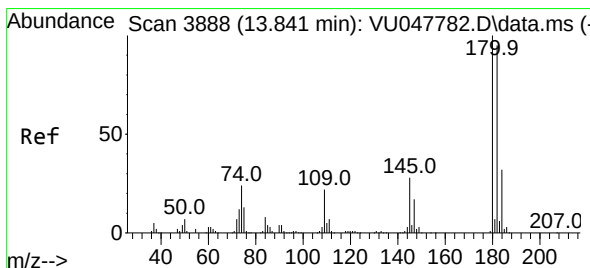
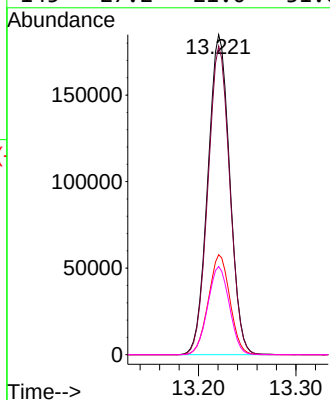
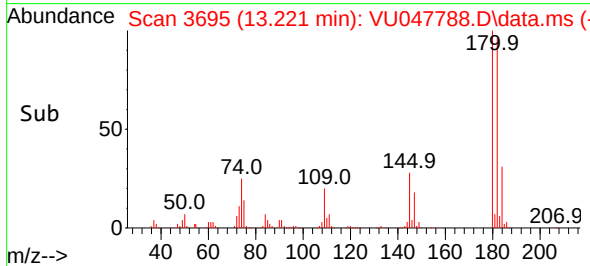


#69
 1,3,5-Trichlorobenzene
 Concen: 54.426 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37

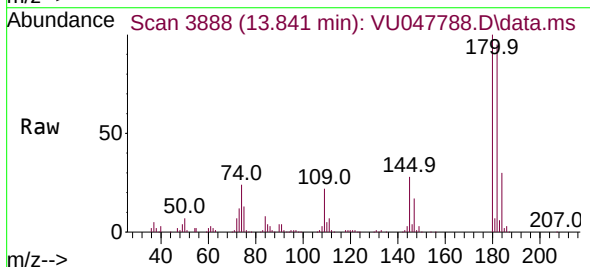
Instrument :
 MSVOA_U
 ClientSampleId :



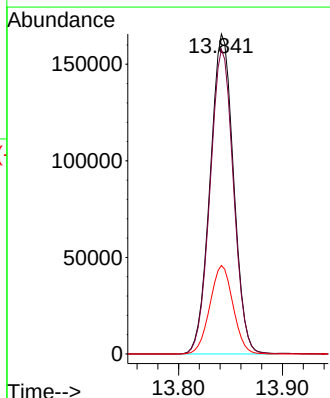
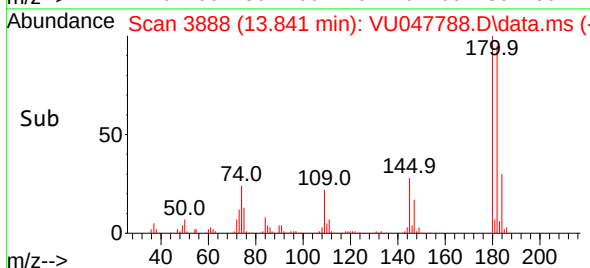
Tgt Ion:180 Resp: 288635
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.0 115.6
 184 30.7 24.5 36.7
 145 27.2 21.0 31.6

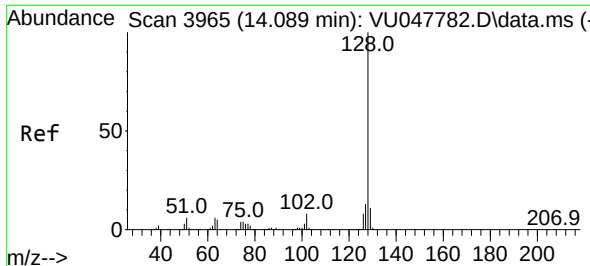


#70
 1,2,4-trichlorobenzene
 Concen: 55.842 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047788.D
 Acq: 01 Apr 2022 16:37



Tgt Ion:180 Resp: 259396
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.2
 145 27.3 21.8 32.8

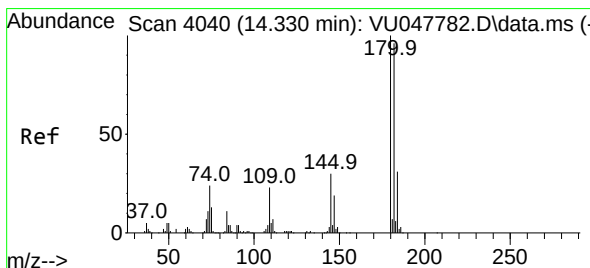
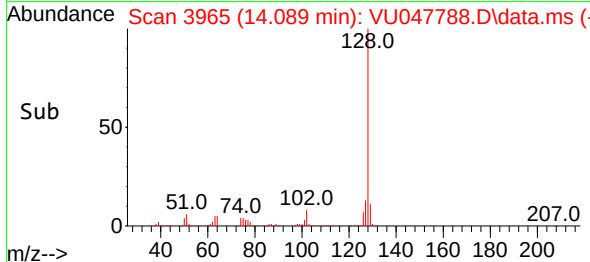
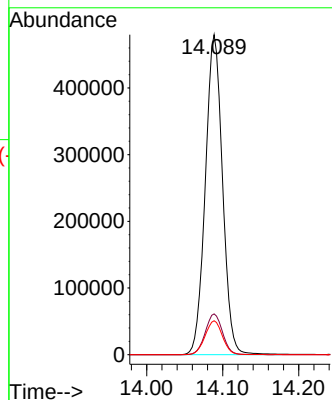
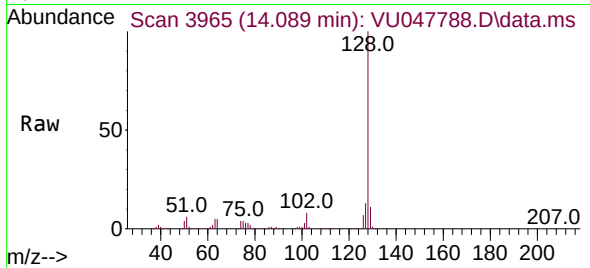




#71
Naphthalene
Concen: 54.433 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 753843
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 56.366 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047788.D
Acq: 01 Apr 2022 16:37

Tgt Ion:180 Resp: 262479
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 29.2 22.8 34.2

