

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040122\
 Data File : VU047782.D
 Acq On : 01 Apr 2022 11:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:03:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	386238	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	386966	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	232851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146790	52.409	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	104.820%	
7) Chloroethane-d5	1.919	69	115023	52.082	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.160%	
11) 1,1-Dichloroethene-d2	2.572	63	251640	49.106	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	98.220%	
21) 2-Butanone-d5	4.639	46	173003	71.963	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	71.960%	
24) Chloroform-d	5.067	84	263979	51.510	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.020%	
26) 1,2-Dichloroethane-d4	5.707	65	160513	51.067	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.140%	
32) Benzene-d6	5.732	84	530805	54.513	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.020%	
36) 1,2-Dichloropropane-d6	6.694	67	161121	53.880	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.760%	
41) Toluene-d8	7.900	98	514597	54.243	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	108.480%	
43) trans-1,3-Dichloroprop...	8.182	79	81957	54.098	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	108.200%	
47) 2-Hexanone-d5	8.636	63	142484	81.393	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	81.390%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234271	45.649	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.300%	
66) 1,2-Dichlorobenzene-d4	12.195	152	211464	51.046	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	167615	46.809	ug/L	99
3) Chloromethane	1.520	50	144374	42.160	ug/L	100
5) Vinyl chloride	1.607	62	155059	44.397	ug/L	99
6) Bromomethane	1.861	94	88966	47.327	ug/L	98
8) Chloroethane	1.938	64	94075	42.908	ug/L	99
9) Trichlorofluoromethane	2.141	101	217089	44.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	134734	47.328	ug/L	98
12) 1,1-Dichloroethene	2.585	96	123196	46.499	ug/L	91
13) Acetone	2.649	43	166022	74.210	ug/L	94
14) Carbon disulfide	2.797	76	344450	41.130	ug/L	99
15) Methyl Acetate	2.958	43	117535	32.947	ug/L	96
16) Methylene chloride	3.051	84	138284	45.484	ug/L	100
17) trans-1,2-Dichloroethene	3.360	96	132859	46.492	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	392406	48.673	ug/L	99
19) 1,1-Dichloroethane	3.874	63	230074	46.682	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	149532	47.730	ug/L	100
22) 2-Butanone	4.716	43	199068	69.076	ug/L	97
23) Bromochloromethane	4.980	128	81513	47.389	ug/L	95
25) Chloroform	5.093	83	248732	46.876	ug/L	99

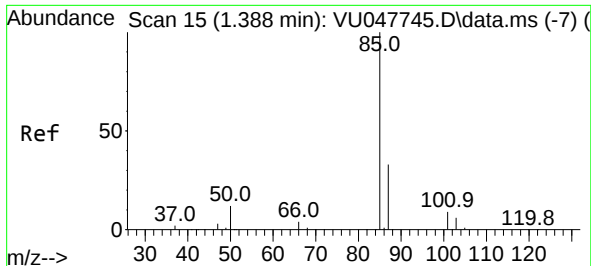
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040122\
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 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186641	45.528	ug/L	99
29) Cyclohexane	5.392	56	193311	49.231	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	218046	49.694	ug/L	99
31) Carbon tetrachloride	5.530	117	195348	49.303	ug/L	99
33) Benzene	5.777	78	540836	48.285	ug/L	100
34) Trichloroethene	6.546	95	144845	49.325	ug/L	98
35) Methylcyclohexane	6.768	83	222264	49.752	ug/L	99
37) 1,2-Dichloropropane	6.793	63	139109	48.854	ug/L	100
38) Bromodichloromethane	7.109	83	191579	48.995	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	227471	51.486	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	355350	78.961	ug/L	100
42) Toluene	7.970	91	608023	49.473	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	221922	50.308	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144274	47.775	ug/L	99
46) Tetrachloroethene	8.555	164	127507	48.319	ug/L	99
48) 2-Hexanone	8.687	43	295618	76.365	ug/L	99
49) Dibromochloromethane	8.813	129	171551	49.047	ug/L	100
50) 1,2-Dibromoethane	8.925	107	160794	47.495	ug/L	100
51) Chlorobenzene	9.449	112	403783	48.388	ug/L	99
52) Ethylbenzene	9.571	91	644887	49.904	ug/L	99
53) m,p-Xylene	9.697	106	254631	50.218	ug/L	99
54) o-Xylene	10.102	106	249111	50.057	ug/L	99
55) Styrene	10.115	104	427345	50.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	243558	43.020	ug/L	98
59) Bromoform	10.292	173	140362	47.141	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	183233	41.742	ug/L	98
61) Isopropylbenzene	10.485	105	642647	51.067	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	354110	51.862	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	543532	52.406	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	339179	48.491	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	340316	46.972	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	336509	48.081	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52207	37.129	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	267154	47.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	247945	49.831	ug/L	99
71) Naphthalene	14.089	128	722910	48.731	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	248645	49.848	ug/L	99

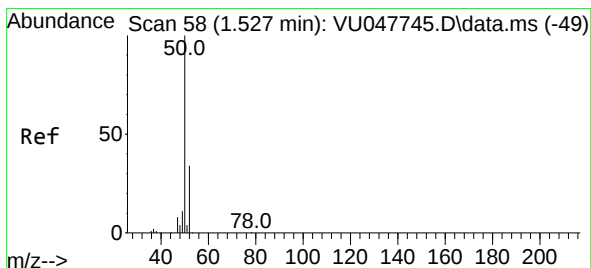
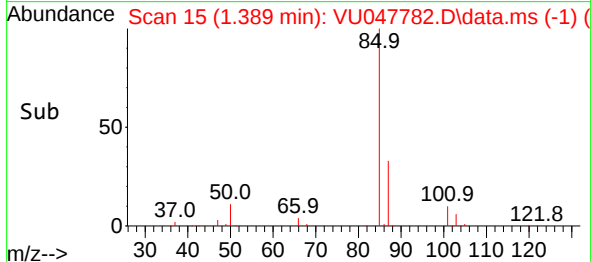
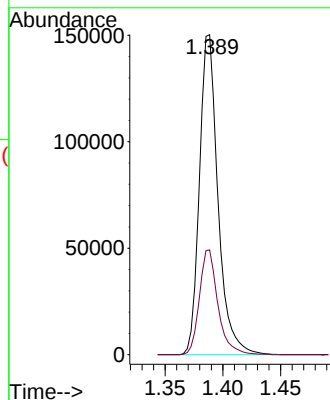
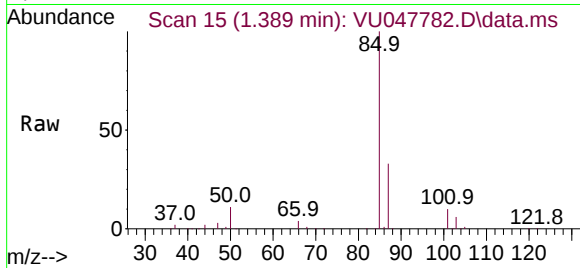
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#2
Dichlorodifluoromethane
Concen: 46.809 ug/L
RT: 1.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

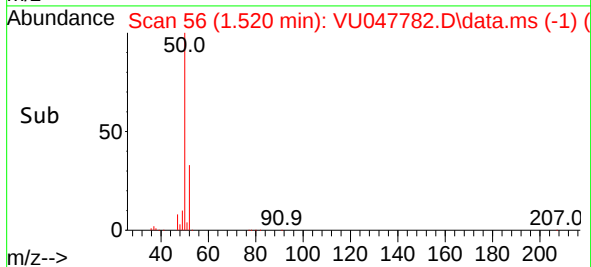
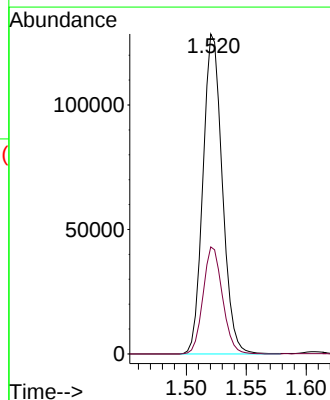
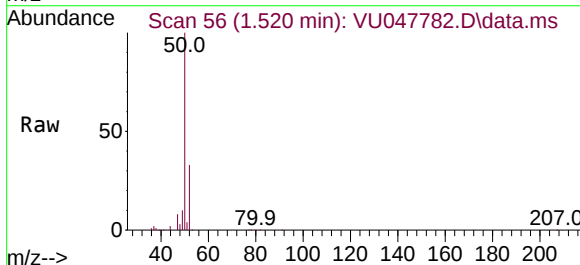
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MSVOA_U
ClientSampleId :

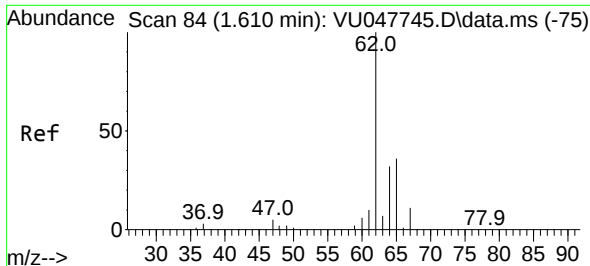
Tgt Ion: 85 Resp: 167615
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 42.160 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.006 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion: 50 Resp: 144374
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

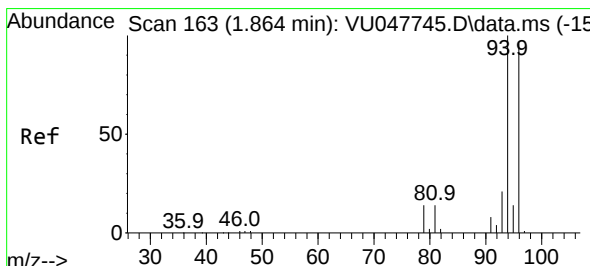
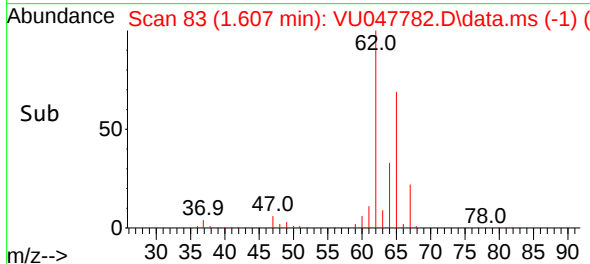
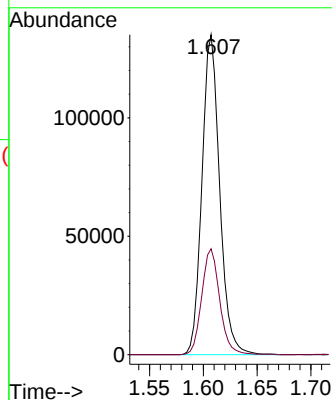
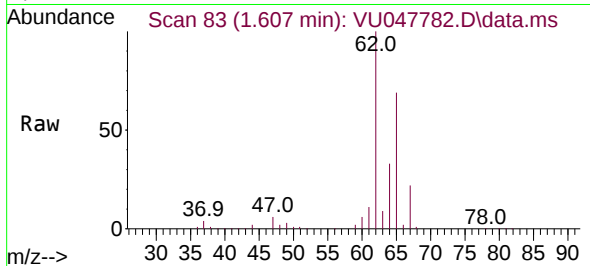




#5
 Vinyl chloride
 Concen: 44.397 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047782.D
 Acq: 01 Apr 2022 11:27

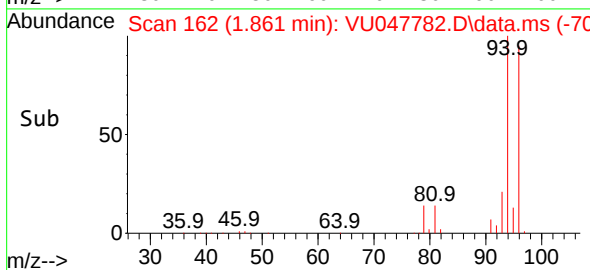
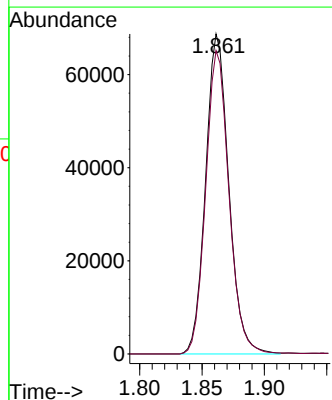
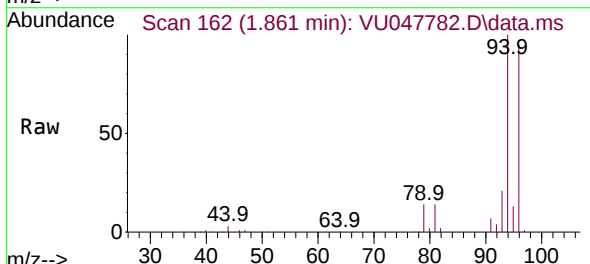
Instrument :
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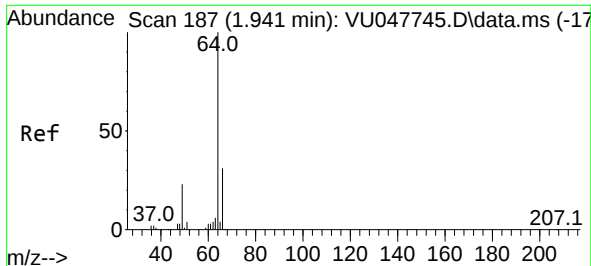
Tgt Ion: 62 Resp: 155059
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.7 43.9



#6
 Bromomethane
 Concen: 47.327 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047782.D
 Acq: 01 Apr 2022 11:27

Tgt Ion: 94 Resp: 88966
 Ion Ratio Lower Upper
 94 100
 96 94.8 64.8 120.3

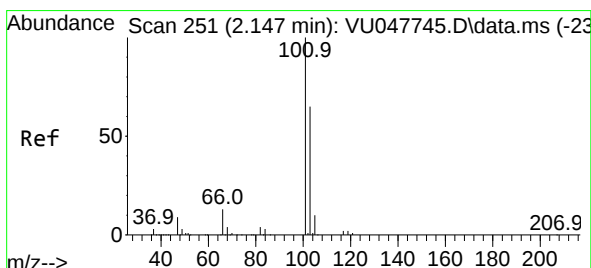
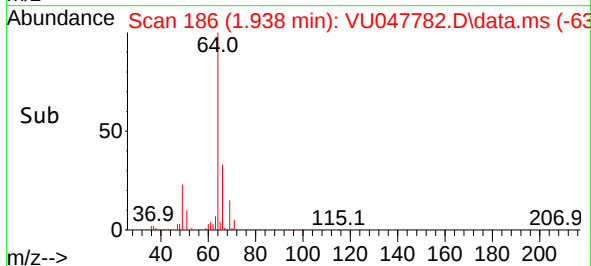
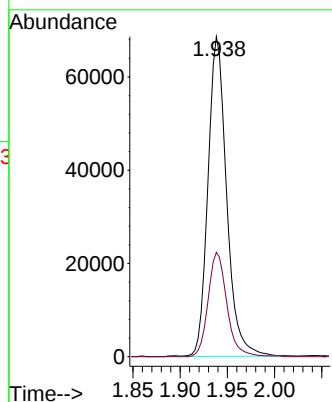
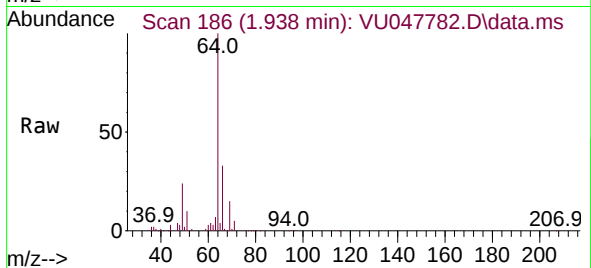




#8
Chloroethane
Concen: 42.908 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

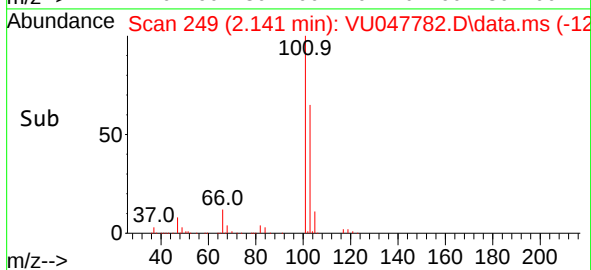
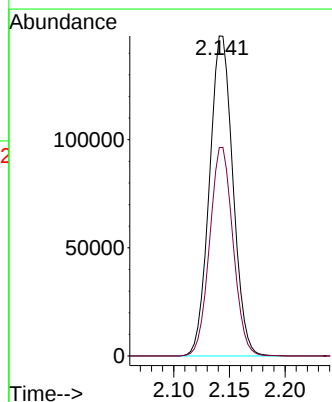
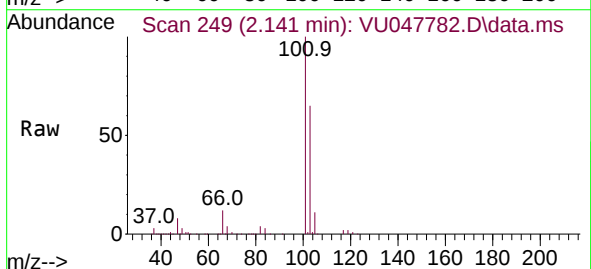
Instrument :
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ClientSampleId :

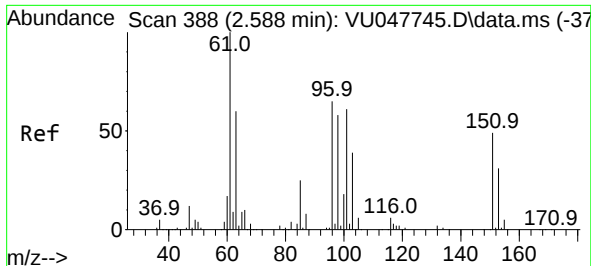
Tgt Ion: 64 Resp: 94075
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 44.079 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.006 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion: 101 Resp: 217089
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2





#10

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

Concen: 47.328 ug/L

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

ClientSampleId :

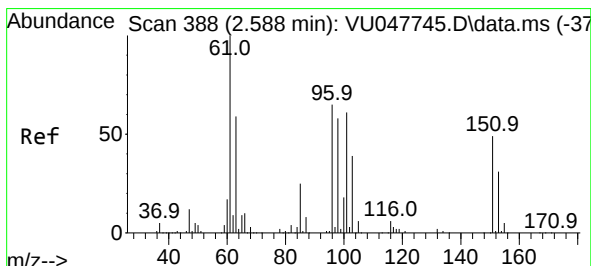
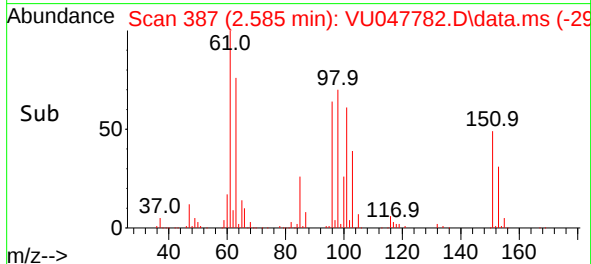
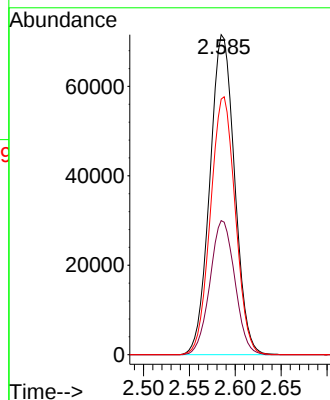
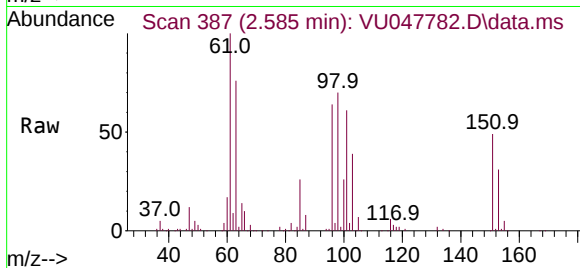
Tgt Ion:101 Resp: 134734

Ion Ratio Lower Upper

101 100

85 41.9 32.8 49.2

151 80.6 63.0 94.6



#12

1,1-Dichloroethene

Concen: 46.499 ug/L

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

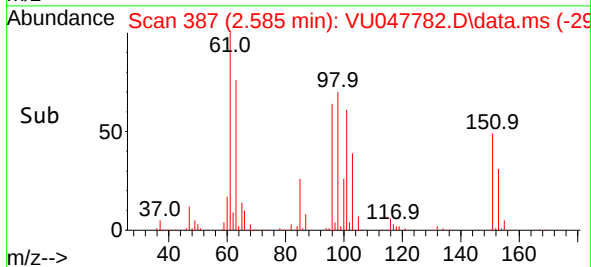
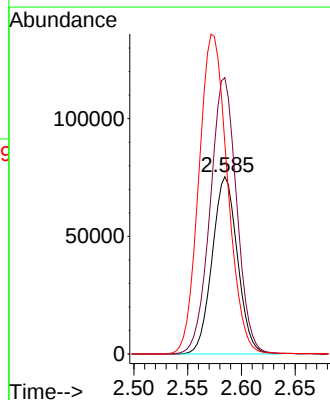
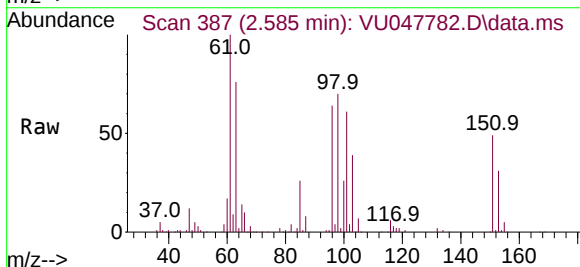
Tgt Ion: 96 Resp: 123196

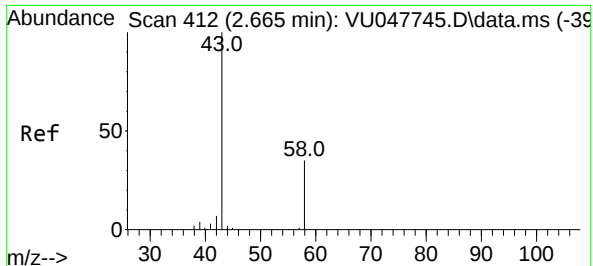
Ion Ratio Lower Upper

96 100

61 155.8 113.1 210.1

63 118.9 94.8 176.0





#13

Acetone

Concen: 74.210 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.016 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

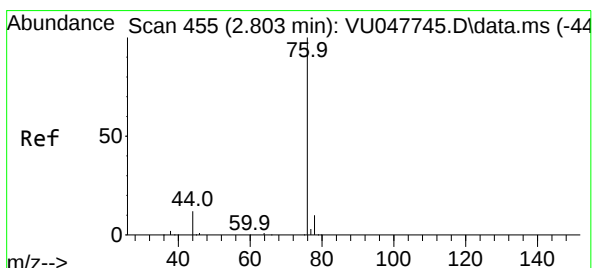
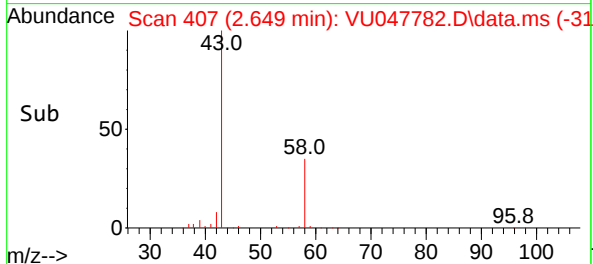
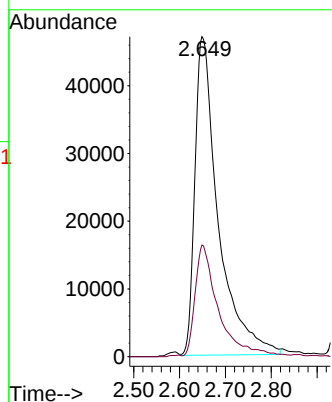
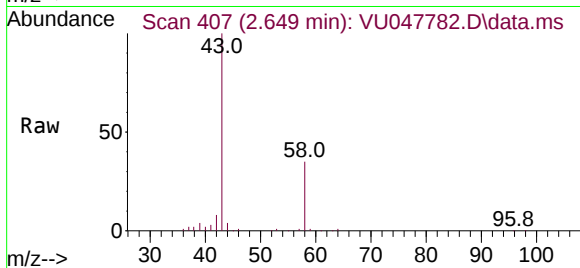
ClientSampleId :

Tgt Ion: 43 Resp: 166022

Ion Ratio Lower Upper

43 100

58 31.8 0.0 70.0



#14

Carbon disulfide

Concen: 41.130 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.006 min

Lab File: VU047782.D

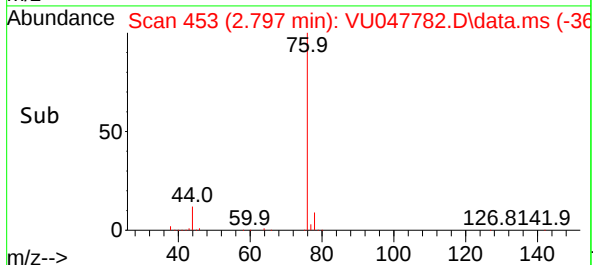
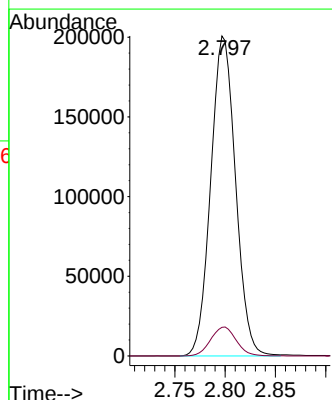
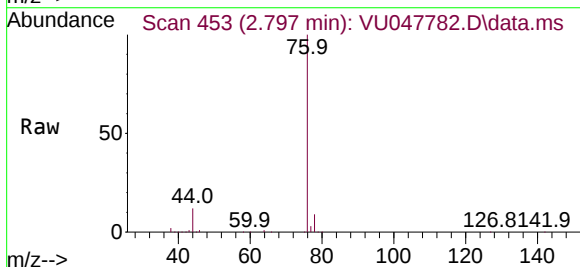
Acq: 01 Apr 2022 11:27

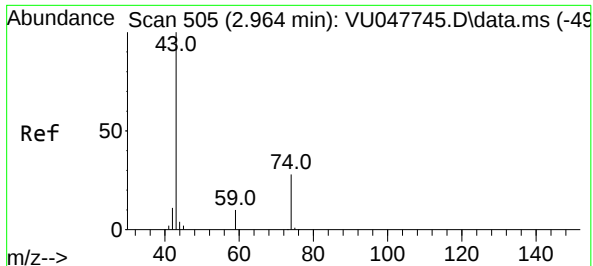
Tgt Ion: 76 Resp: 344450

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

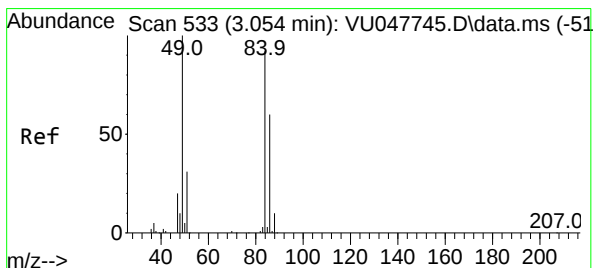
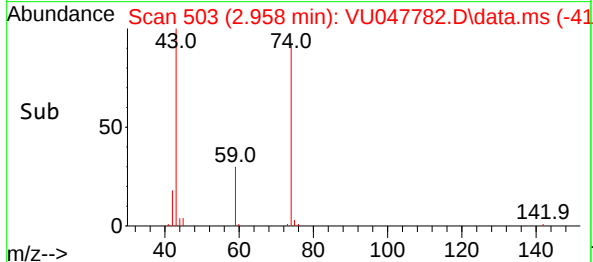
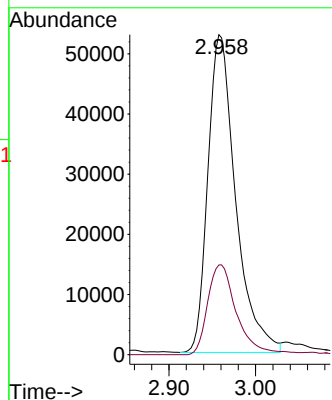
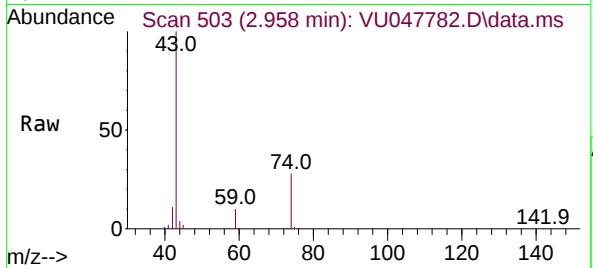




#15
Methyl Acetate
Concen: 32.947 ug/L
RT: 2.958 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

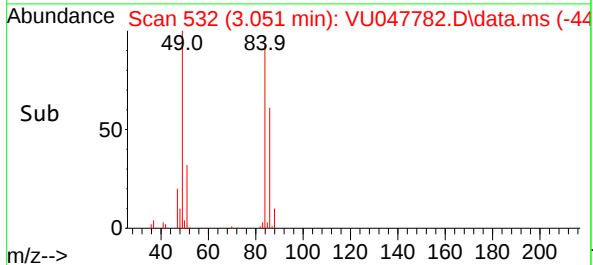
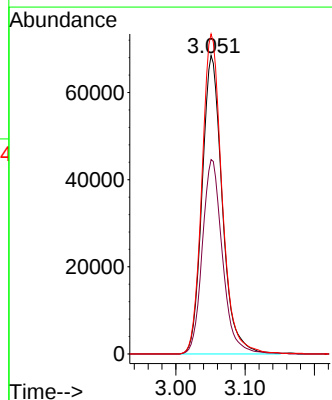
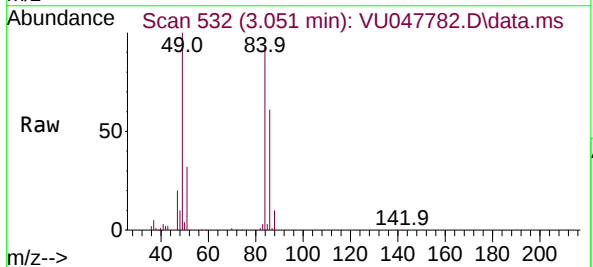
Instrument :
MSVOA_U
ClientSampleId :

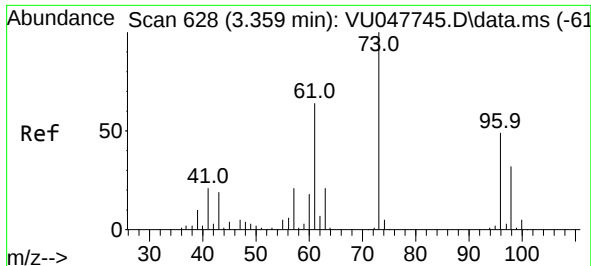
Tgt Ion: 43 Resp: 117535
Ion Ratio Lower Upper
43 100
74 29.6 22.2 33.2



#16
Methylene chloride
Concen: 45.484 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

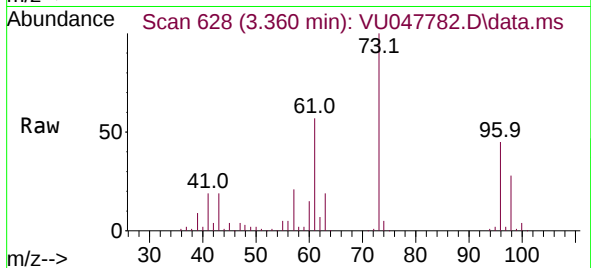
Tgt Ion: 84 Resp: 138284
Ion Ratio Lower Upper
84 100
86 65.2 46.0 85.4
49 107.2 75.3 139.8



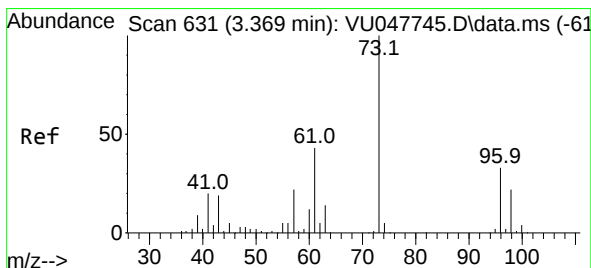
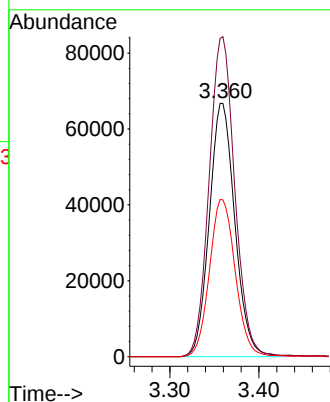
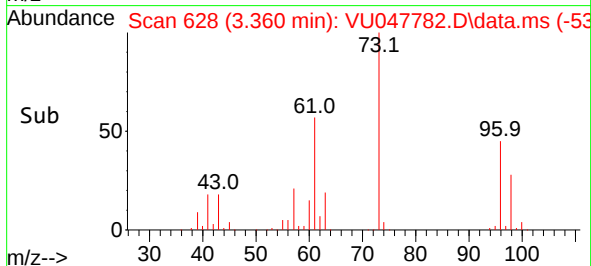


#17
trans-1,2-Dichloroethene
Concen: 46.492 ug/L
RT: 3.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

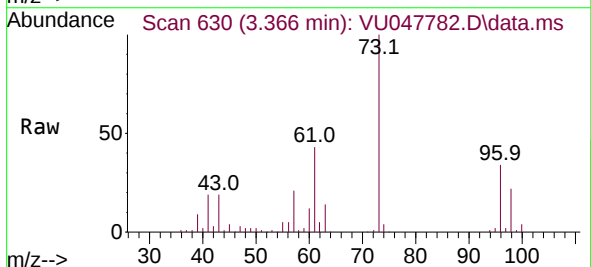
Instrument :
MSVOA_U
ClientSampleId :



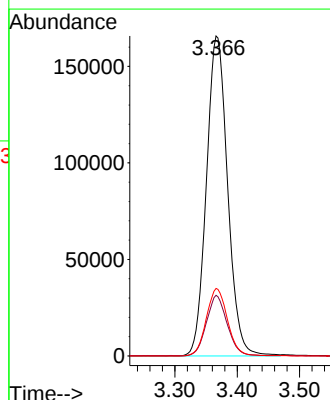
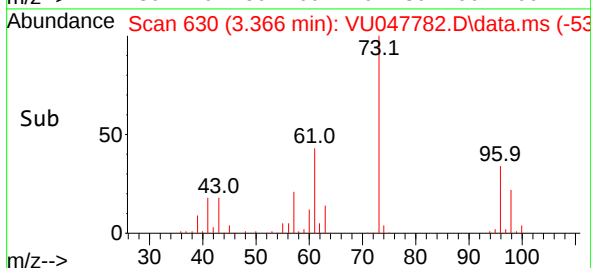
Tgt Ion: 96 Resp: 132859
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 61.9 43.3 80.5

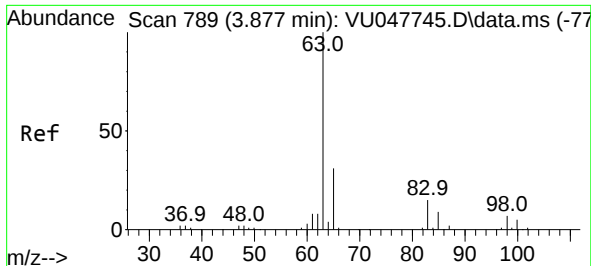


#18
Methyl tert-butyl Ether
Concen: 48.673 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27



Tgt Ion: 73 Resp: 392406
Ion Ratio Lower Upper
73 100
43 18.4 15.3 22.9
57 20.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 46.682 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

ClientSampleId :

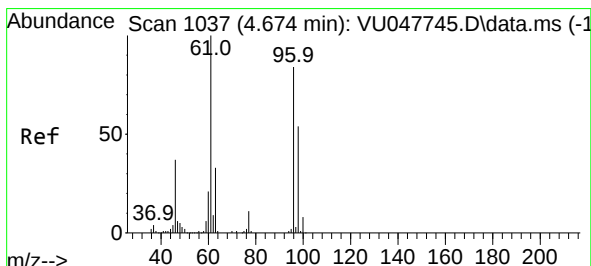
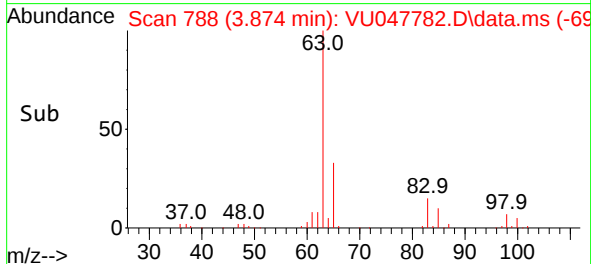
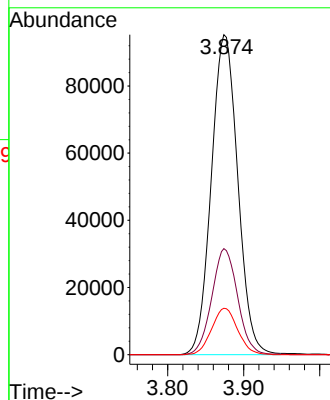
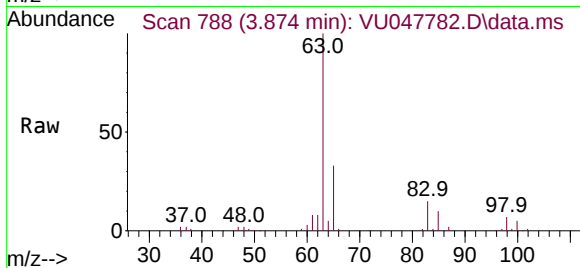
Tgt Ion: 63 Resp: 230074

Ion Ratio Lower Upper

63 100

65 33.1 22.0 41.0

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 47.730 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

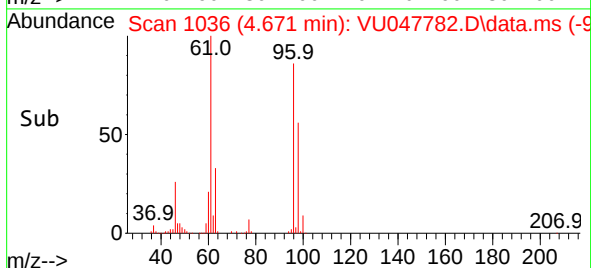
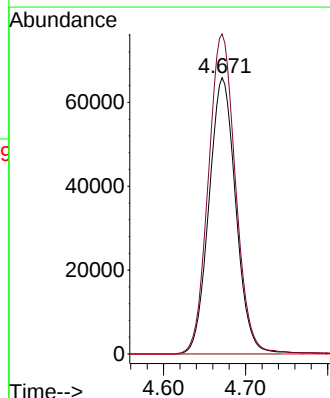
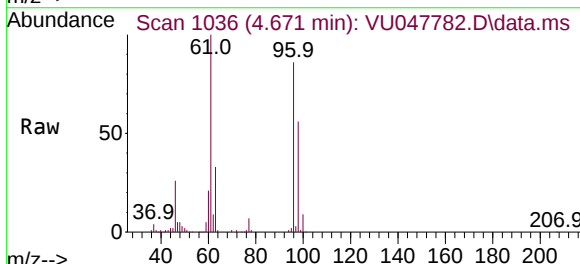
Tgt Ion: 96 Resp: 149532

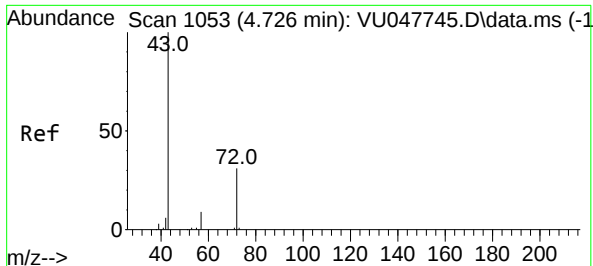
Ion Ratio Lower Upper

96 100

61 115.8 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 69.076 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.009 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

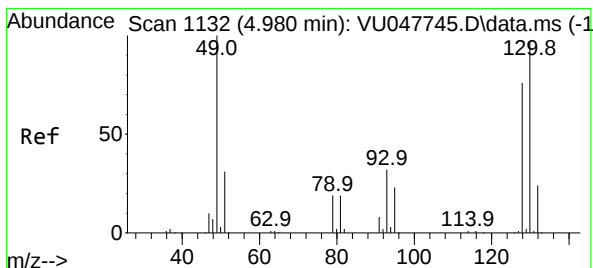
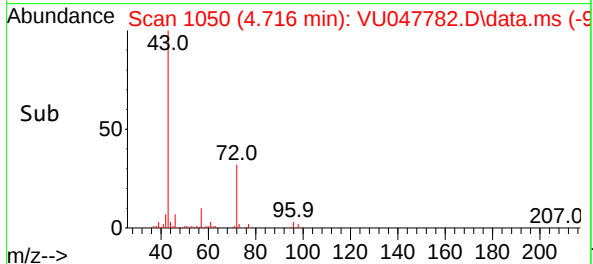
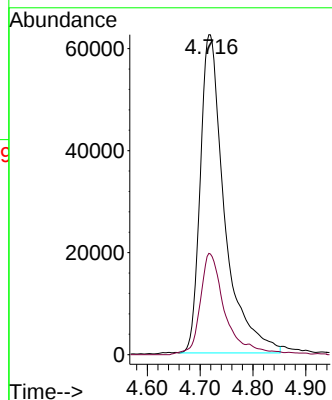
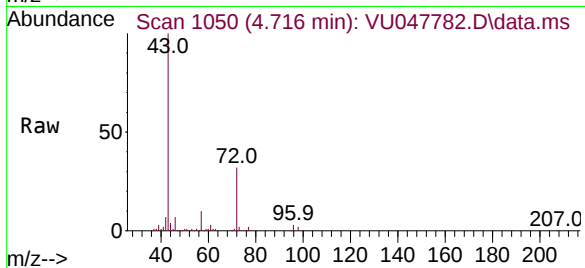
ClientSampleId :

Tgt Ion: 43 Resp: 199068

Ion Ratio Lower Upper

43 100

72 30.3 16.0 47.9



#23

Bromochloromethane

Concen: 47.389 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Tgt Ion: 128 Resp: 81513

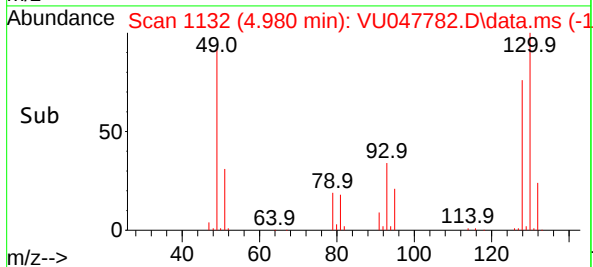
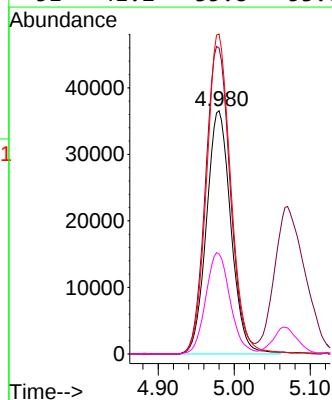
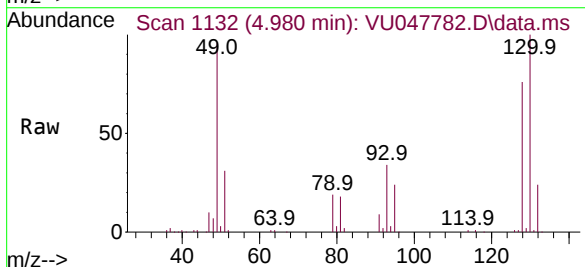
Ion Ratio Lower Upper

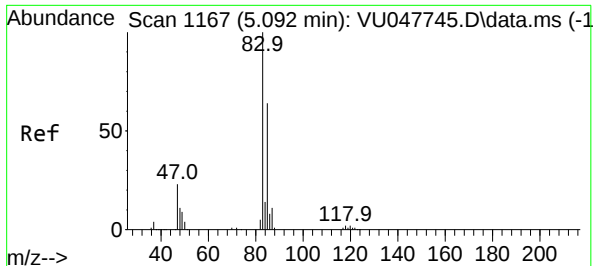
128 100

49 125.8 94.1 174.8

130 131.6 90.2 167.4

51 41.2 35.8 53.6





#25

Chloroform

Concen: 46.876 ug/L

RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

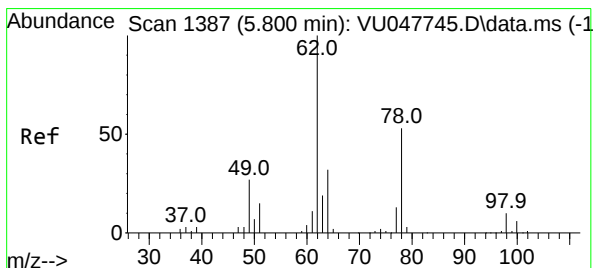
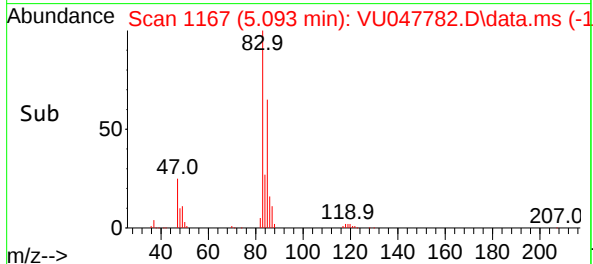
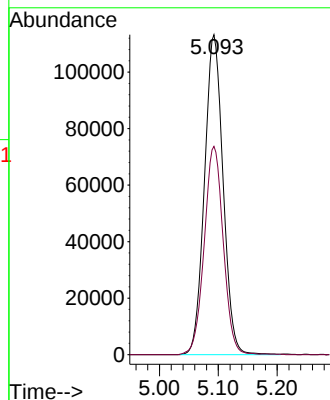
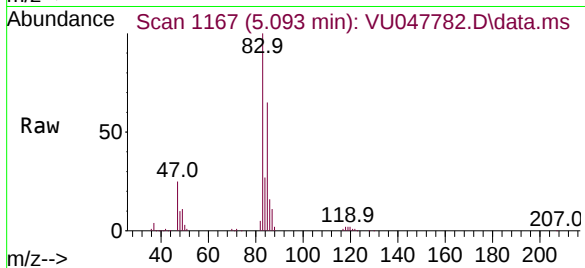
ClientSampleId :

Tgt Ion: 83 Resp: 248732

Ion Ratio Lower Upper

83 100

85 65.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 45.528 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047782.D

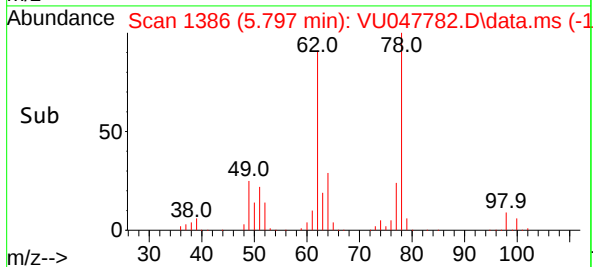
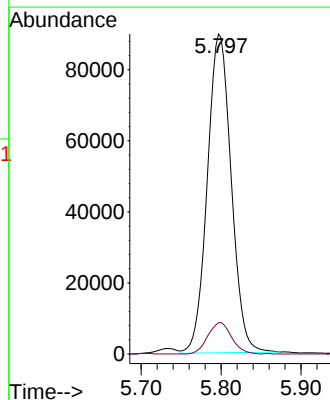
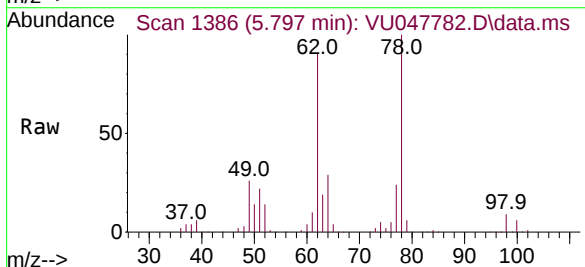
Acq: 01 Apr 2022 11:27

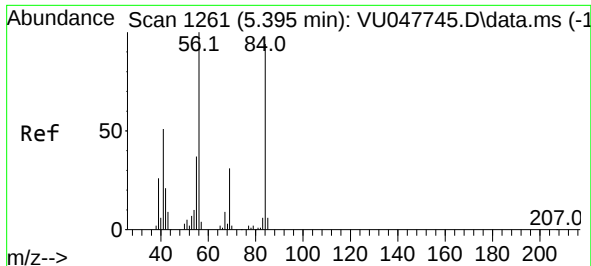
Tgt Ion: 62 Resp: 186641

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 49.231 ug/L

RT: 5.392 min Scan# 1261

Delta R.T. -0.003 min

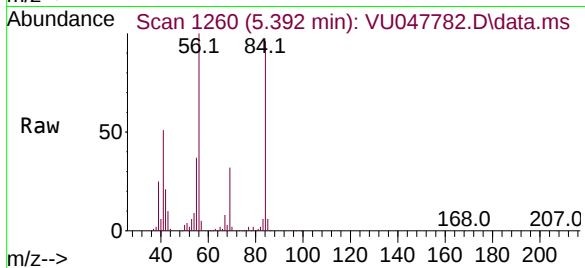
Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

ClientSampleId :



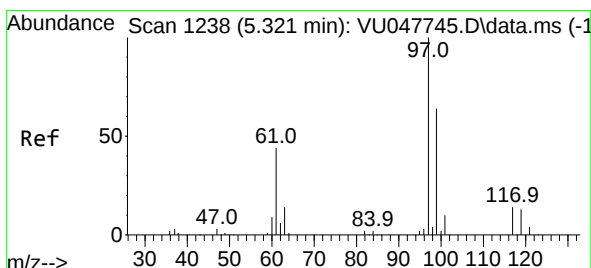
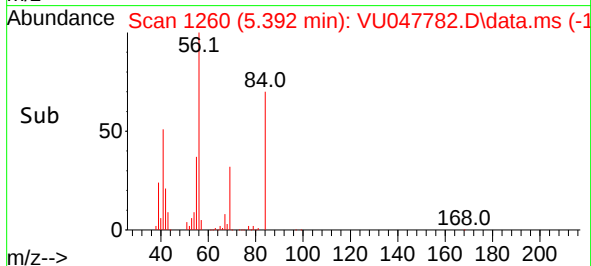
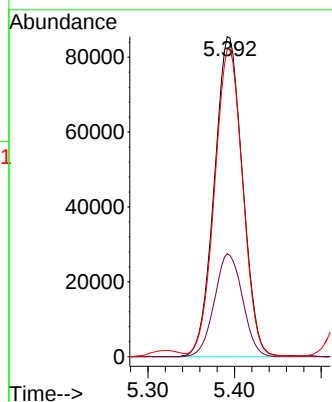
Tgt Ion: 56 Resp: 193311

Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 96.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 49.694 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

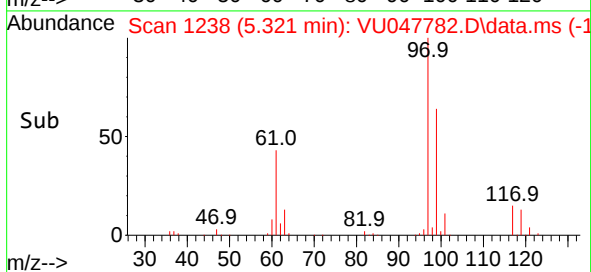
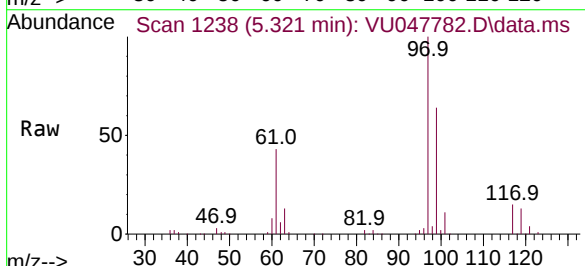
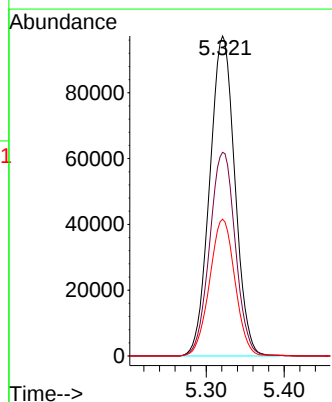
Tgt Ion: 97 Resp: 218046

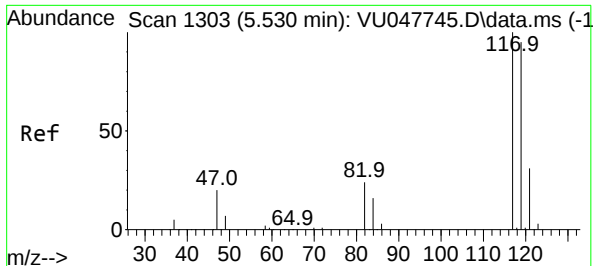
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

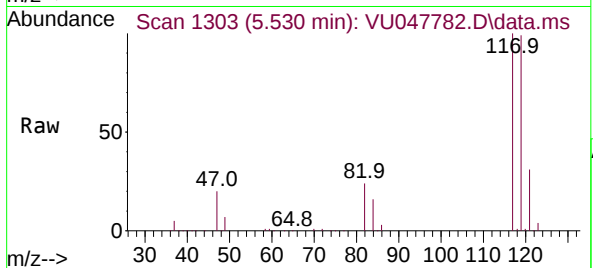
61 43.2 34.2 51.4



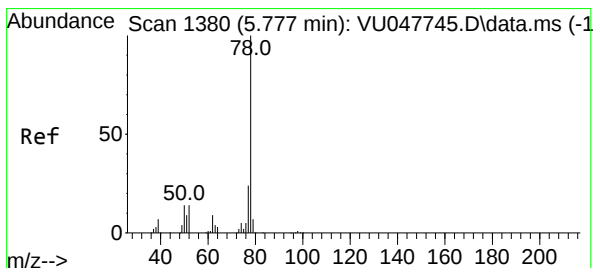
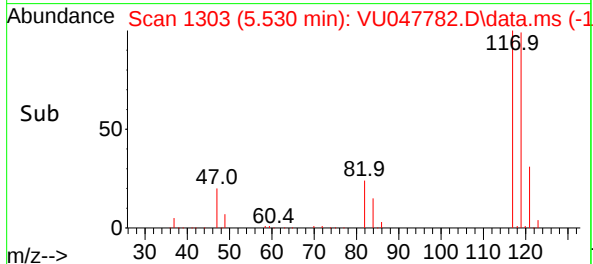
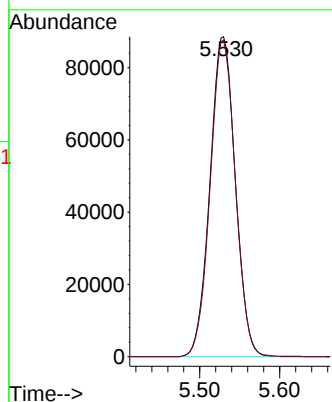


#31
Carbon tetrachloride
Concen: 49.303 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

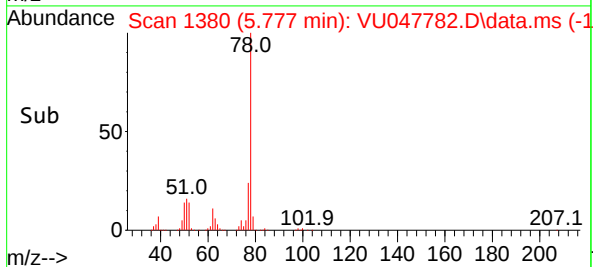
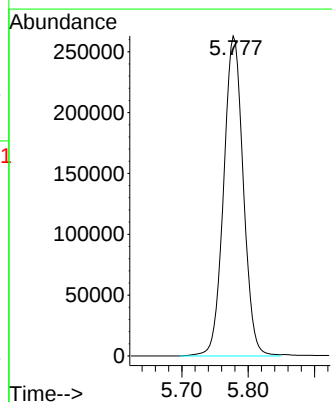
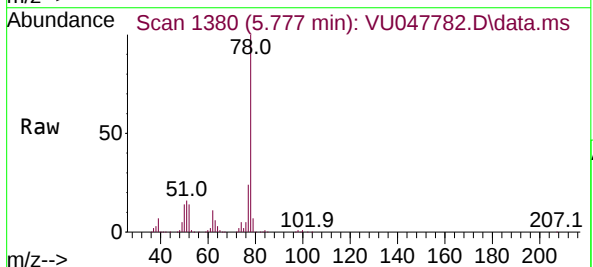


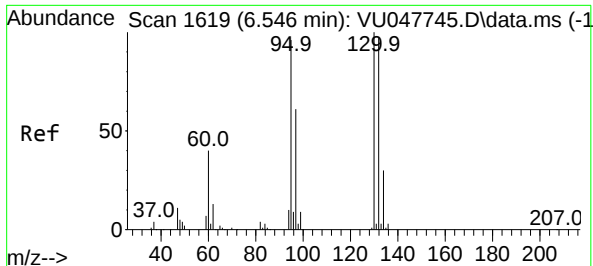
Tgt Ion:117 Resp: 195348
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8



#33
Benzene
Concen: 48.285 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

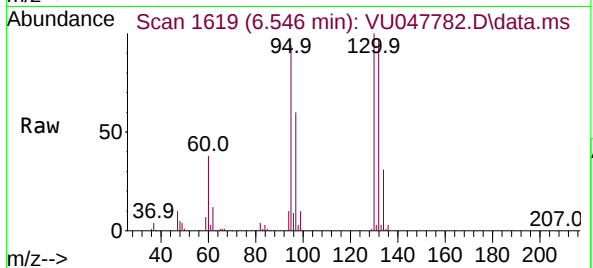
Tgt Ion: 78 Resp: 540836



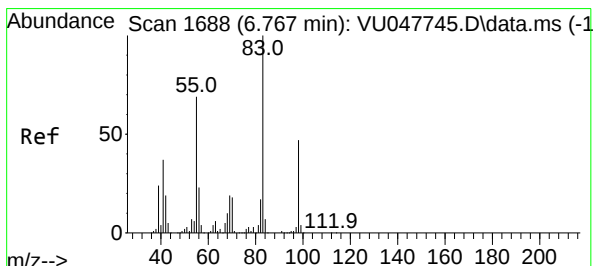
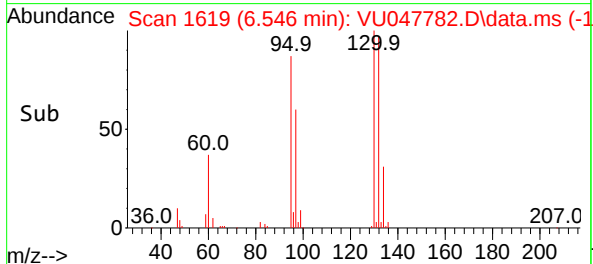
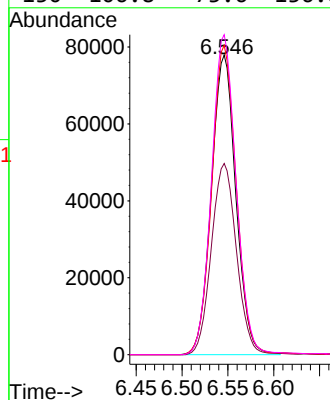


#34
Trichloroethene
Concen: 49.325 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

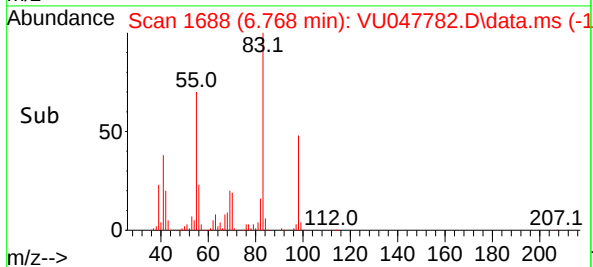
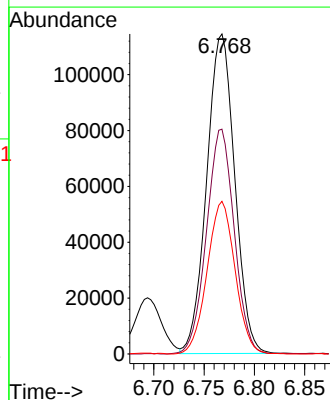
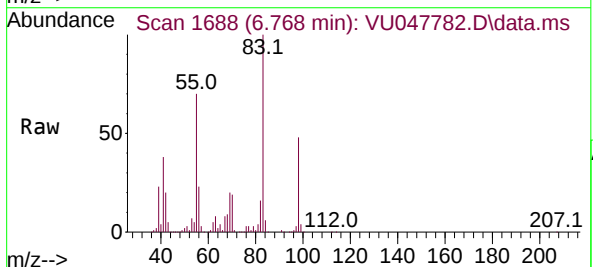


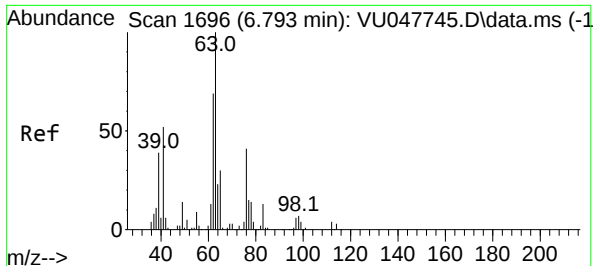
Tgt Ion: 95 Resp: 144845
Ion Ratio Lower Upper
95 100
97 63.8 44.7 82.9
132 103.2 70.4 130.8
130 106.8 73.6 136.8



#35
Methylcyclohexane
Concen: 49.752 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion: 83 Resp: 222264
Ion Ratio Lower Upper
83 100
55 69.6 56.8 85.2
98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 48.854 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

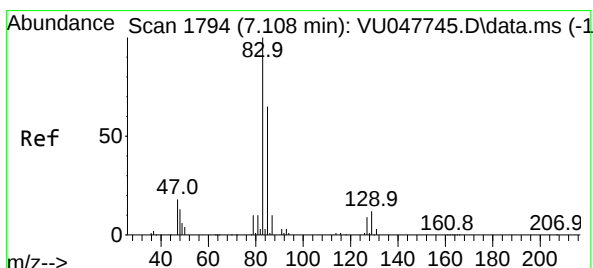
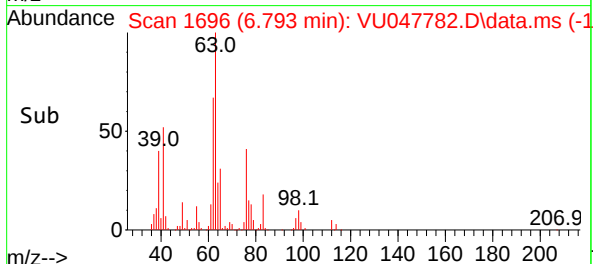
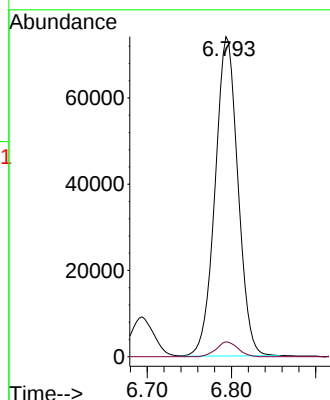
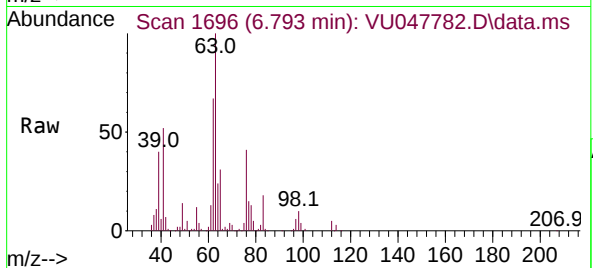
ClientSampleId :

Tgt Ion: 63 Resp: 139109

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 48.995 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

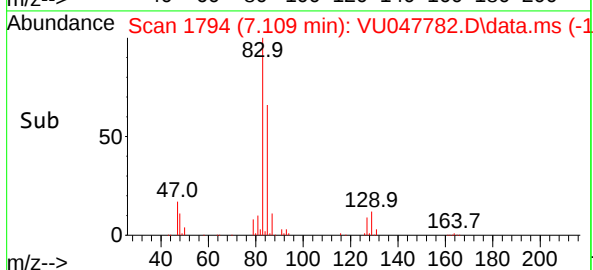
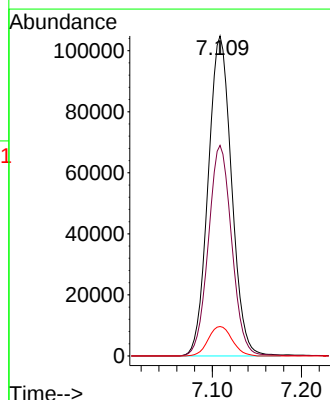
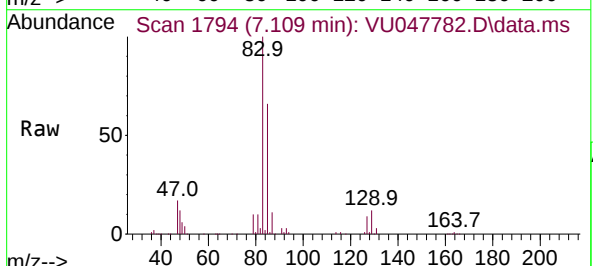
Tgt Ion: 83 Resp: 191579

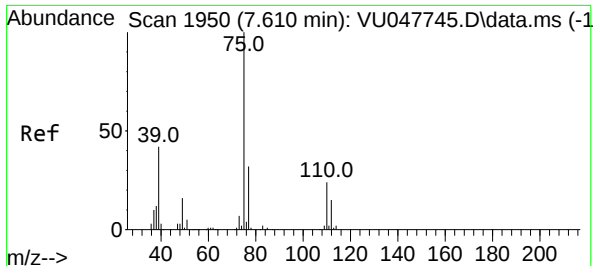
Ion Ratio Lower Upper

83 100

85 65.8 44.4 82.4

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.486 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

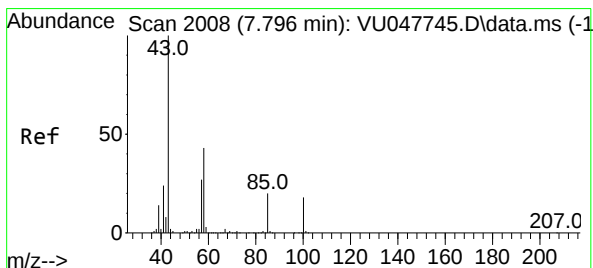
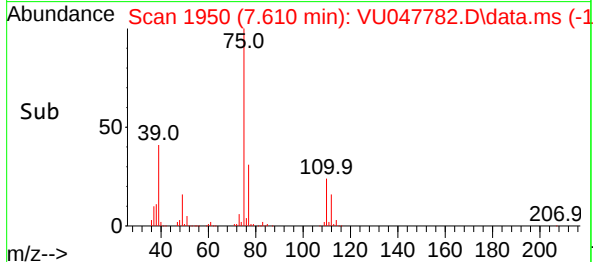
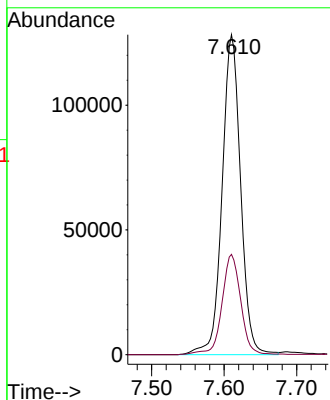
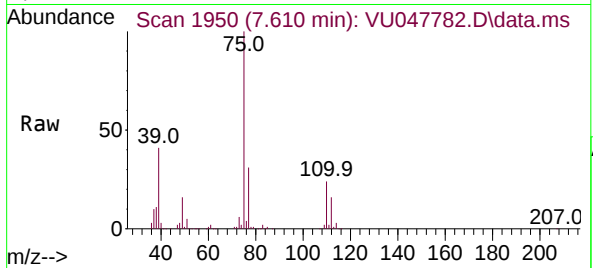
ClientSampleId :

Tgt Ion: 75 Resp: 227471

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 78.961 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

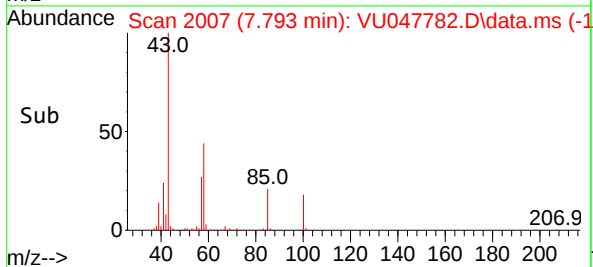
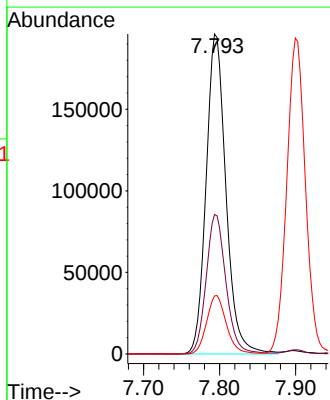
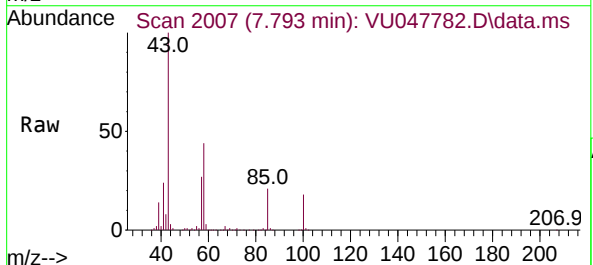
Tgt Ion: 43 Resp: 355350

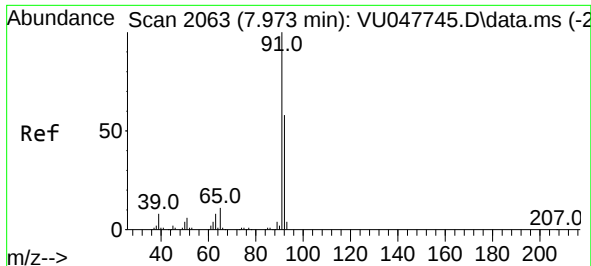
Ion Ratio Lower Upper

43 100

58 43.5 34.7 52.1

100 18.2 14.2 21.2





#42

Toluene

Concen: 49.473 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

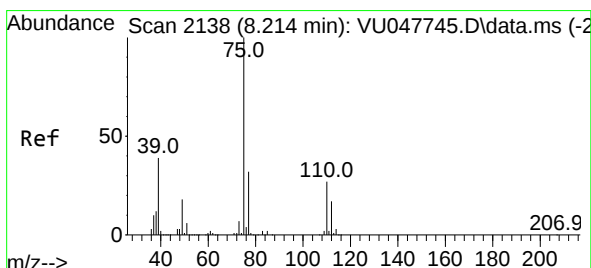
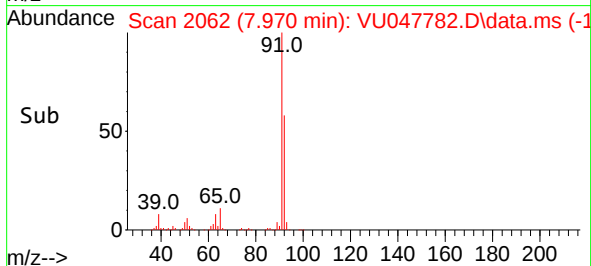
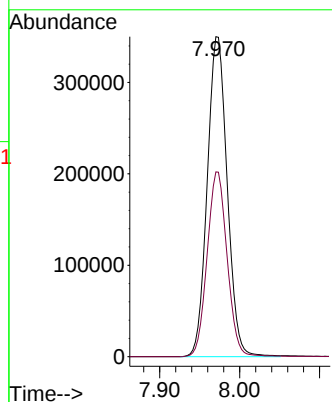
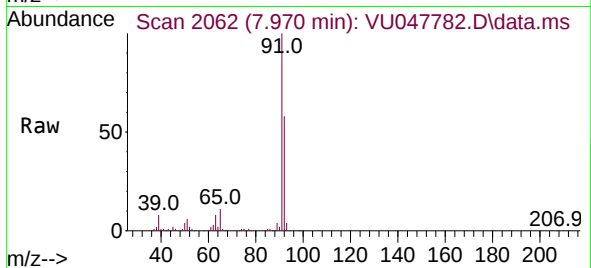
ClientSampleId :

Tgt Ion: 91 Resp: 608023

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.308 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047782.D

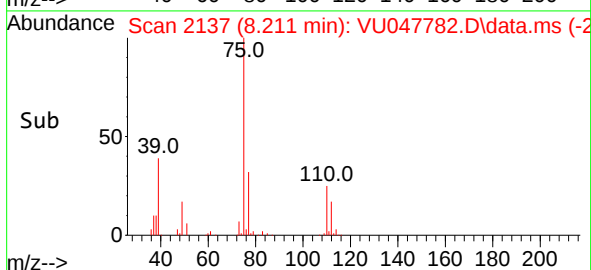
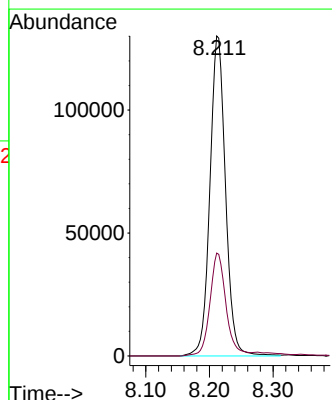
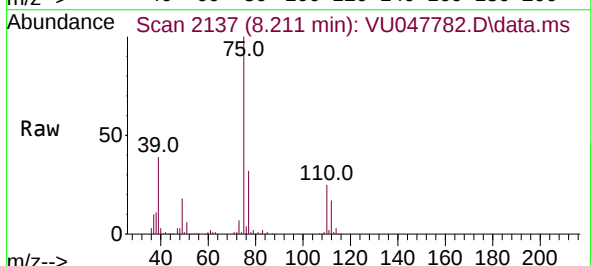
Acq: 01 Apr 2022 11:27

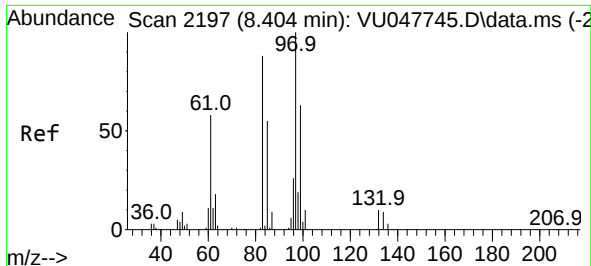
Tgt Ion: 75 Resp: 221922

Ion Ratio Lower Upper

75 100

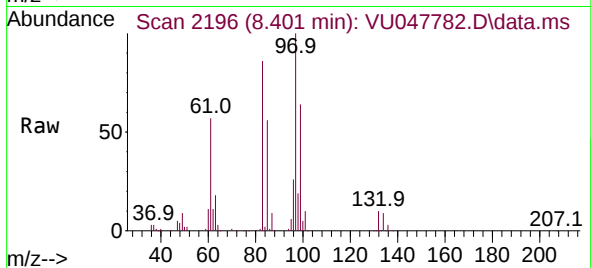
77 32.1 22.0 40.8



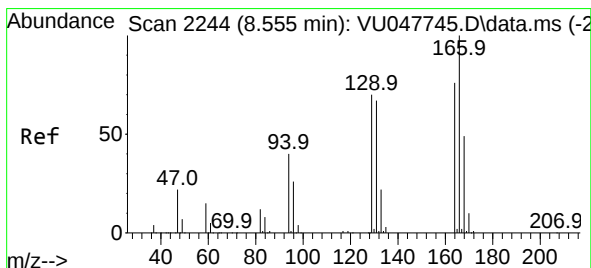
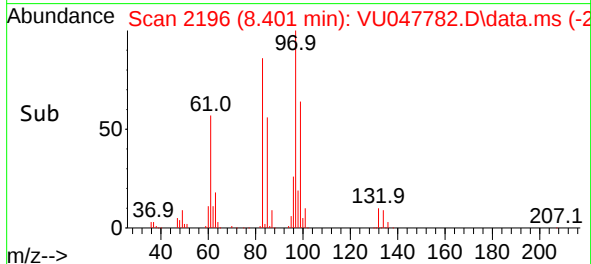
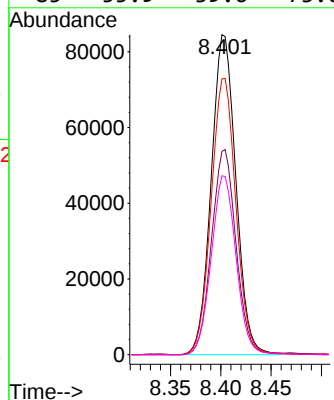


#45
1,1,2-Trichloroethane
Concen: 47.775 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

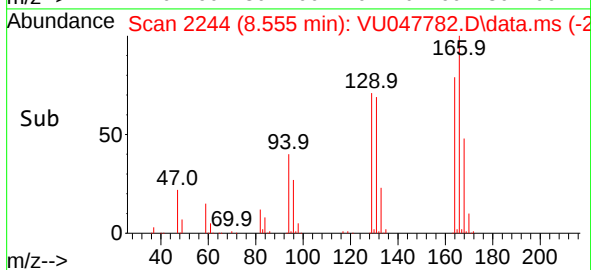
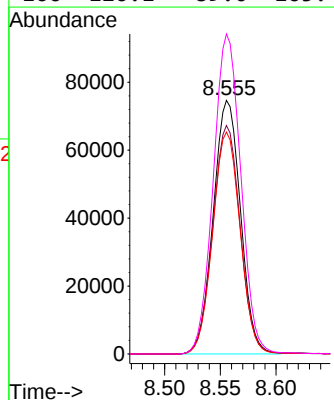
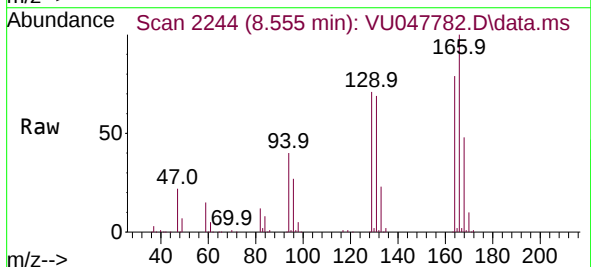


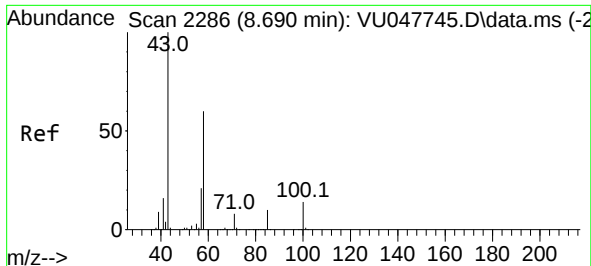
Tgt Ion:	97	Resp:	144274
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.3
83	86.2	61.0	113.4
85	55.9	39.6	73.6



#46
Tetrachloroethene
Concen: 48.319 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

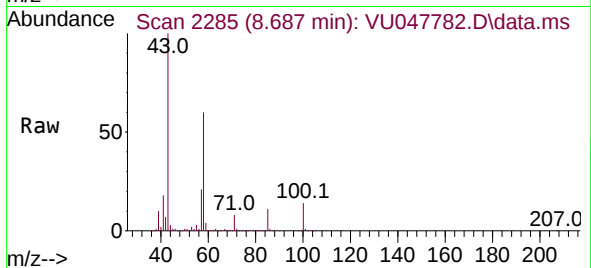
Tgt Ion:	164	Resp:	127507
Ion	Ratio	Lower	Upper
164	100		
129	90.0	62.4	116.0
131	87.5	60.7	112.7
166	126.1	89.0	165.4



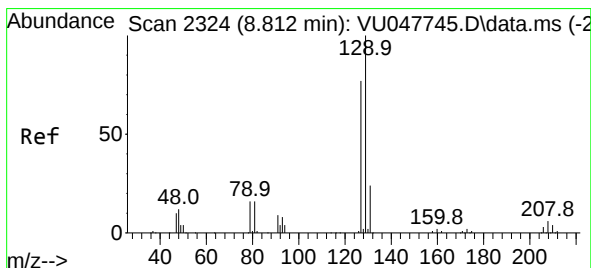
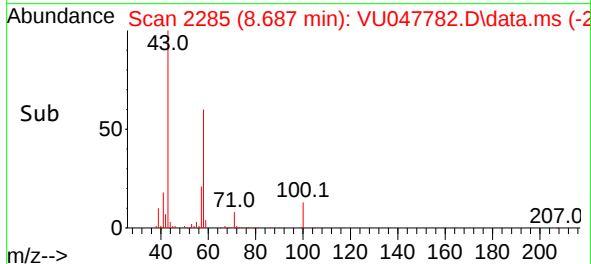
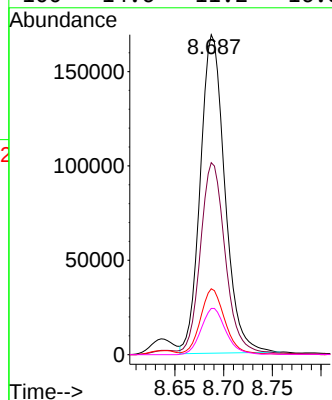


#48
2-Hexanone
Concen: 76.365 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

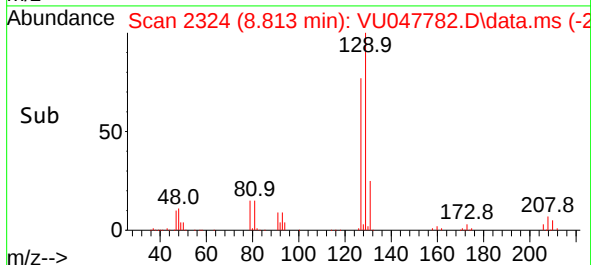
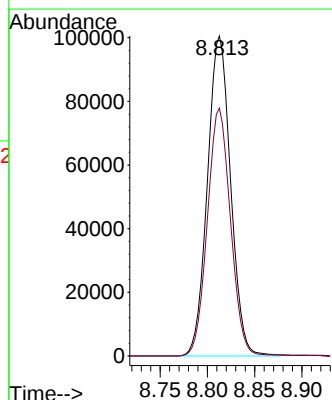
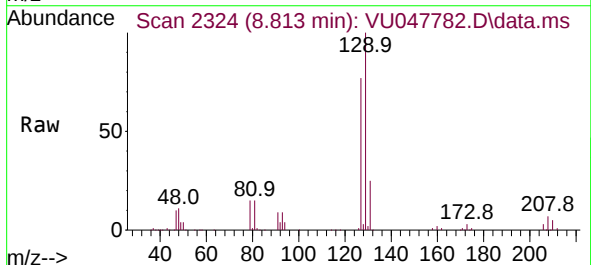


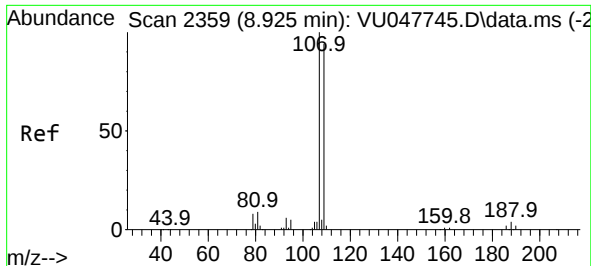
Tgt Ion: 43 Resp: 295618
Ion Ratio Lower Upper
43 100
58 61.1 48.1 72.1
57 20.4 16.2 24.4
100 14.6 11.2 16.8



#49
Dibromochloromethane
Concen: 49.047 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

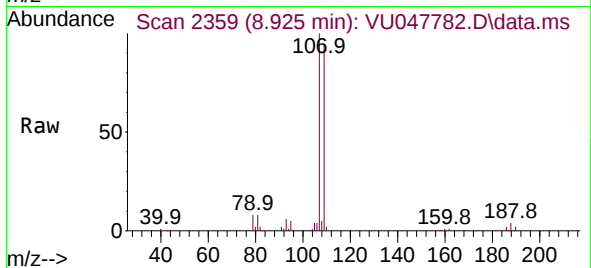
Tgt Ion: 129 Resp: 171551
Ion Ratio Lower Upper
129 100
127 77.5 54.2 100.6



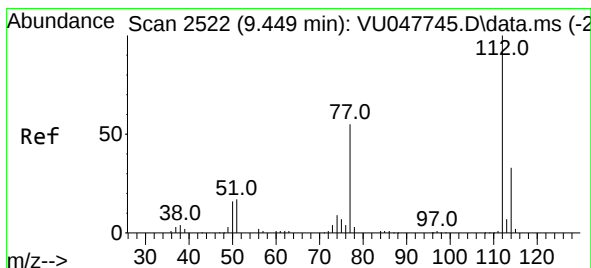
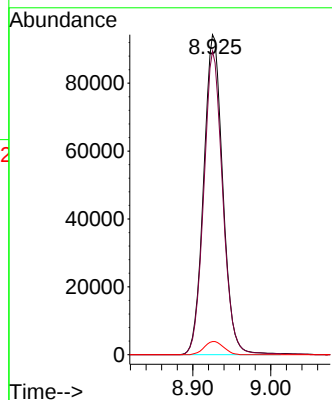
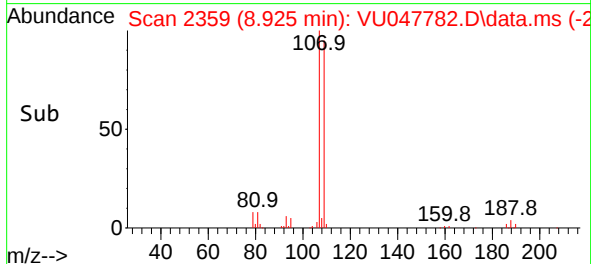


#50
1,2-Dibromoethane
Concen: 47.495 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

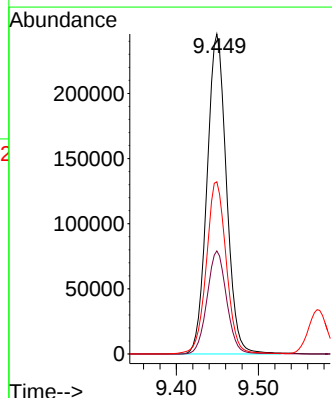
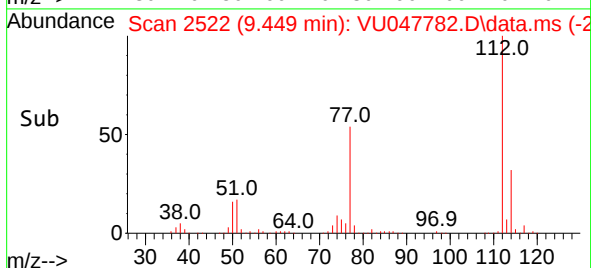
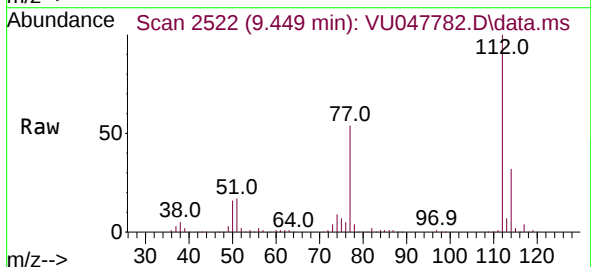


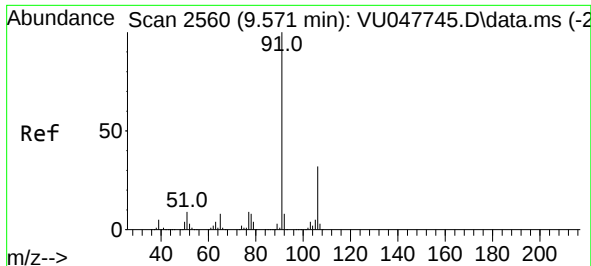
Tgt Ion:107 Resp: 160794
Ion Ratio Lower Upper
107 100
109 94.9 66.6 123.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 48.388 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:112 Resp: 403783
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 53.8 43.4 65.0

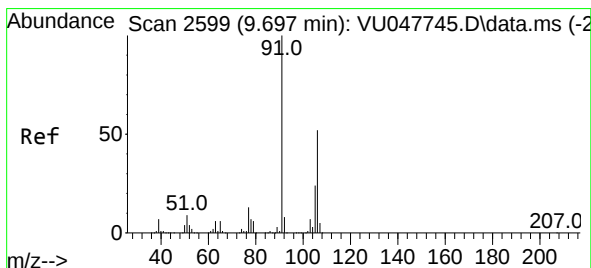
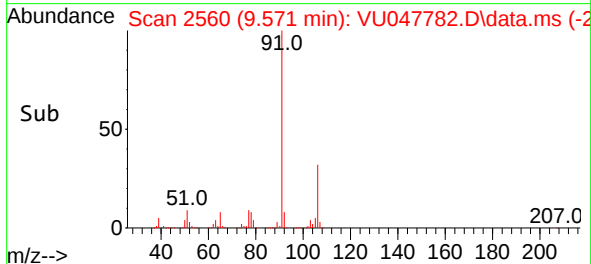
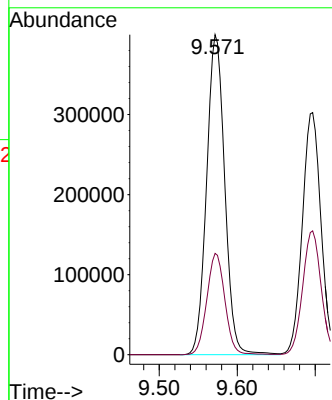
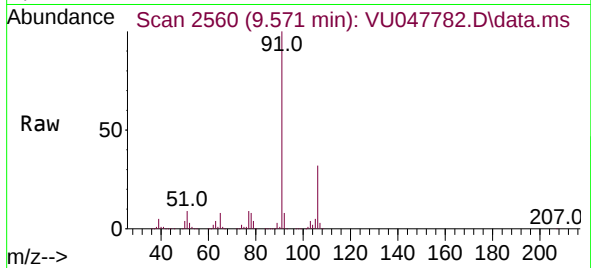




#52
Ethylbenzene
Concen: 49.904 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

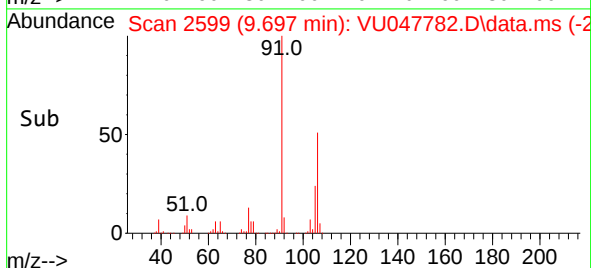
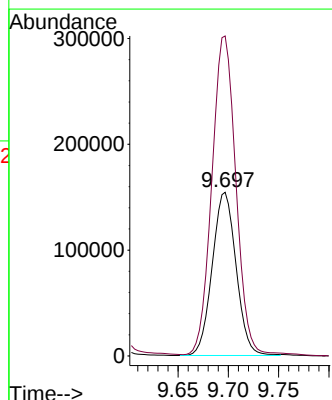
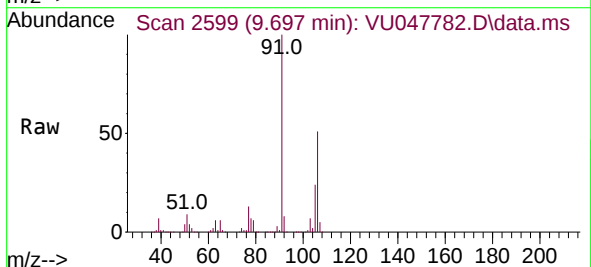
Instrument :
MSVOA_U
ClientSampleId :

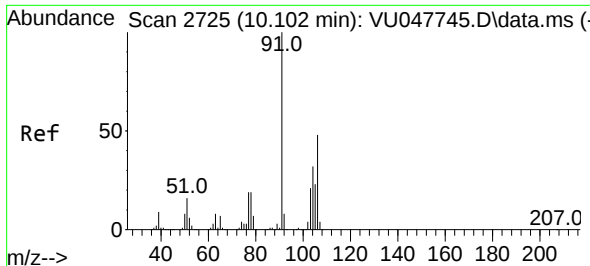
Tgt Ion: 91 Resp: 644887
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 50.218 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:106 Resp: 254631
Ion Ratio Lower Upper
106 100
91 195.5 137.7 255.7

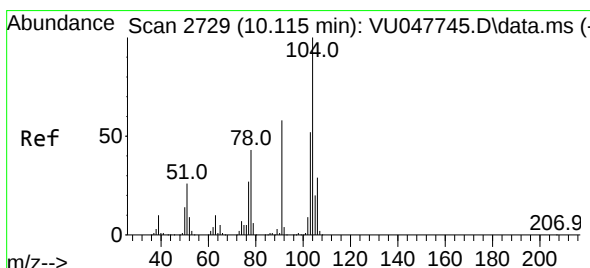
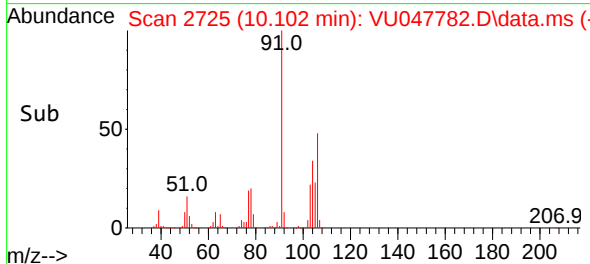
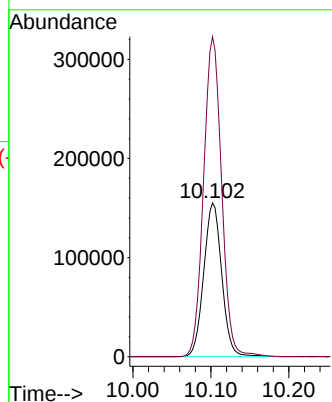
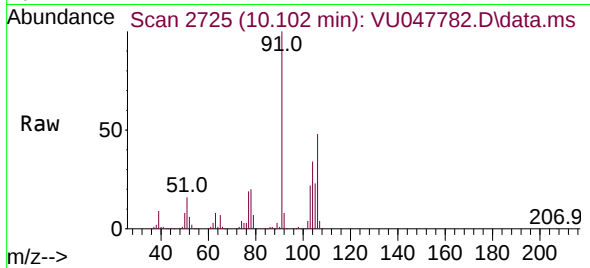




#54
o-Xylene
Concen: 50.057 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

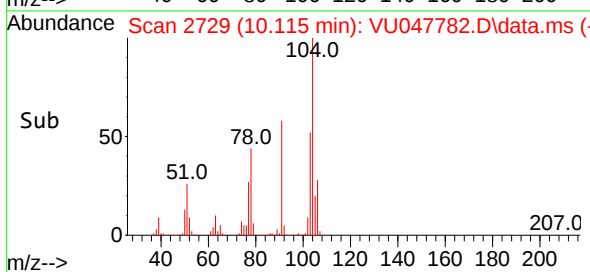
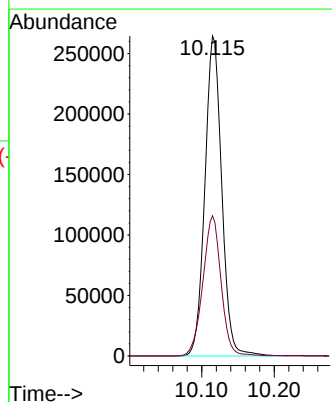
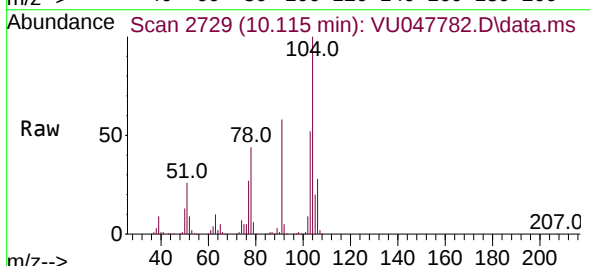
Instrument :
MSVOA_U
ClientSampleId :

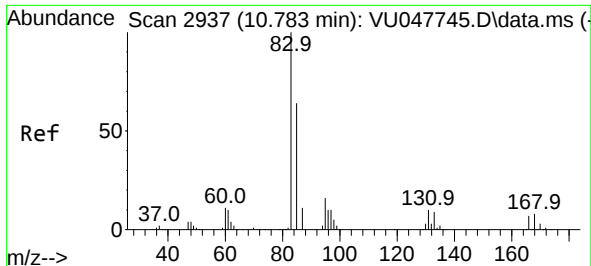
Tgt Ion:106 Resp: 249111
Ion Ratio Lower Upper
106 100
91 208.0 146.7 272.5



#55
Styrene
Concen: 50.296 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:104 Resp: 427345
Ion Ratio Lower Upper
104 100
78 43.8 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 43.020 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

Instrument :

MSVOA_U

ClientSampleId :

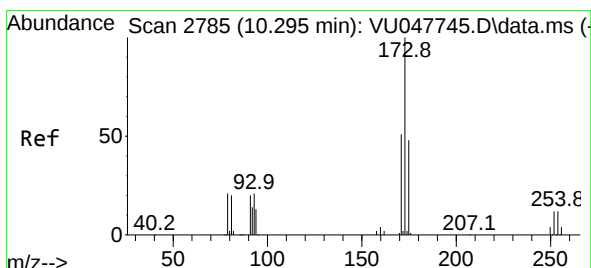
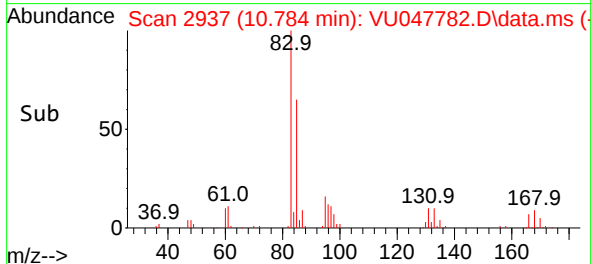
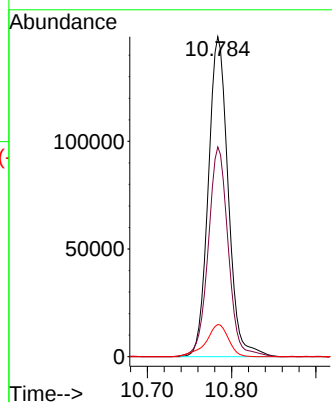
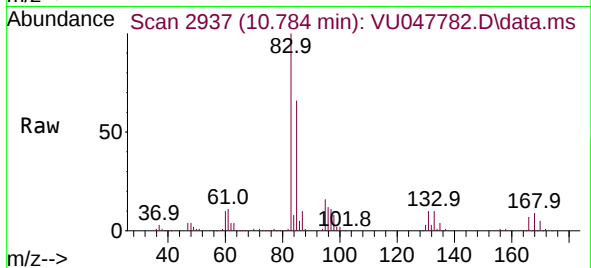
Tgt Ion: 83 Resp: 243558

Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.3

131 10.1 8.6 13.0



#59

Bromoform

Concen: 47.141 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047782.D

Acq: 01 Apr 2022 11:27

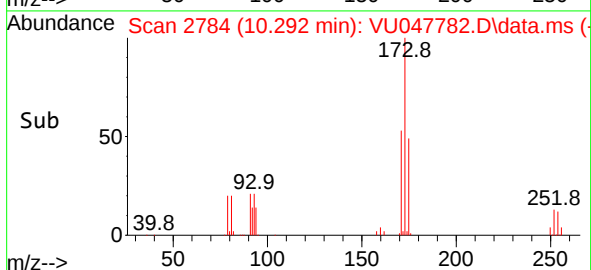
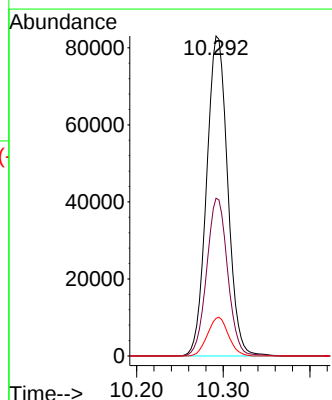
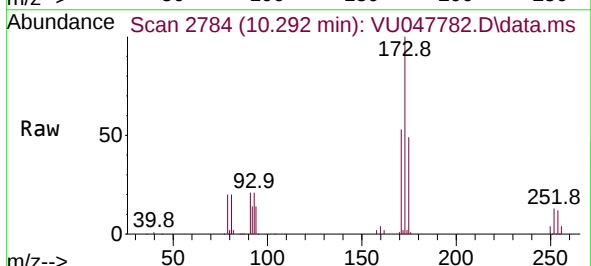
Tgt Ion:173 Resp: 140362

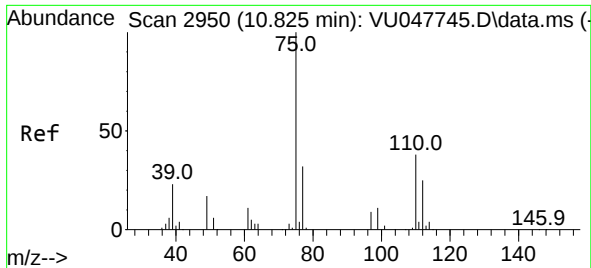
Ion Ratio Lower Upper

173 100

175 49.1 38.7 58.1

254 12.0 9.6 14.4

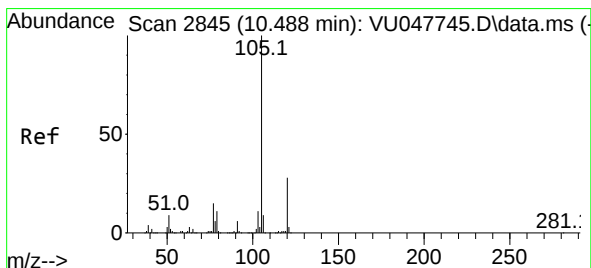
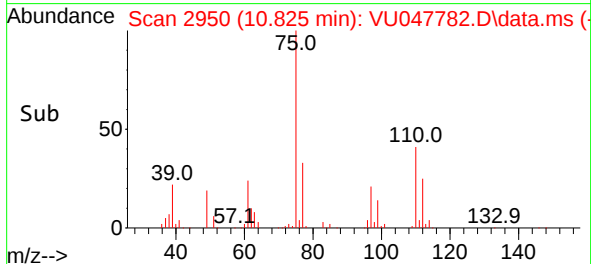
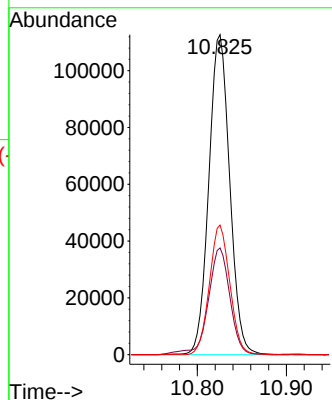
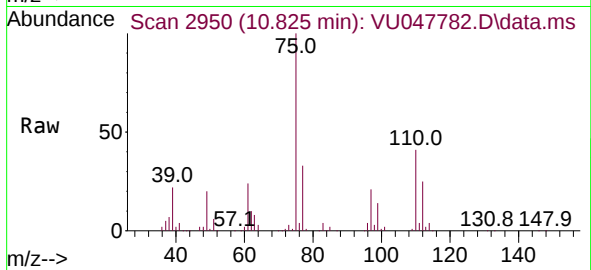




#60
1,2,3-Trichloropropane
Concen: 41.742 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

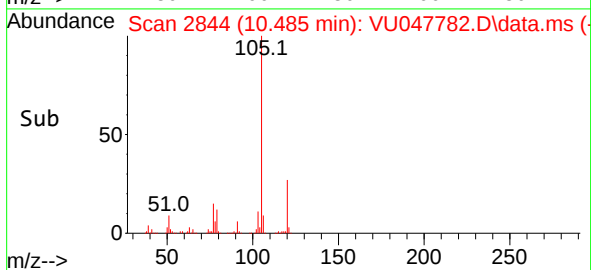
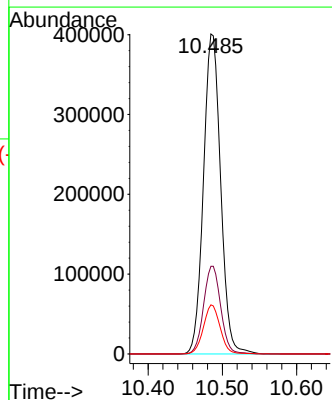
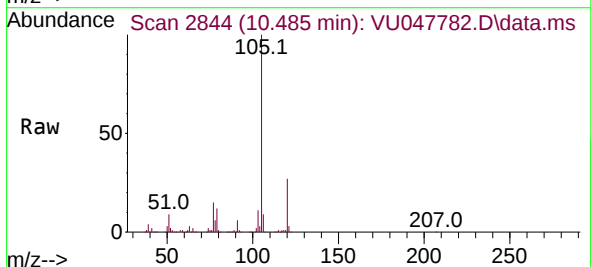
Instrument :
MSVOA_U
ClientSampleId :

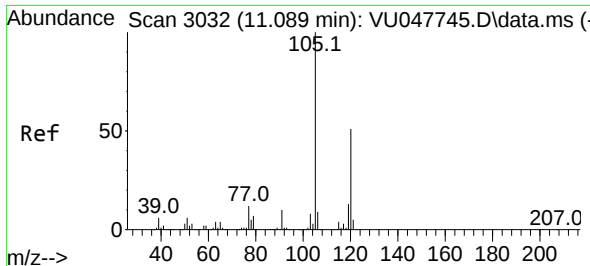
Tgt Ion: 75 Resp: 183233
Ion Ratio Lower Upper
75 100
77 34.6 26.0 39.0
110 39.7 31.4 47.2



#61
Isopropylbenzene
Concen: 51.067 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:105 Resp: 642647
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.0 12.1 18.1

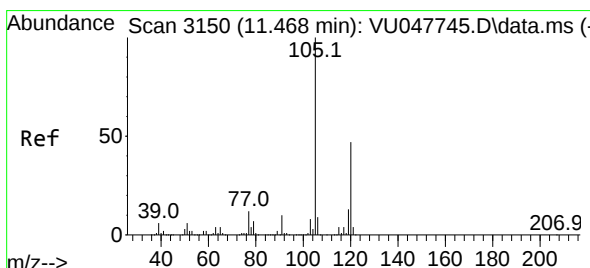
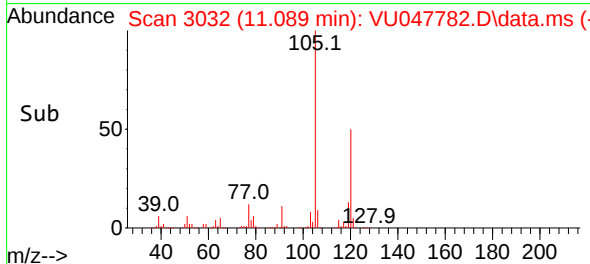
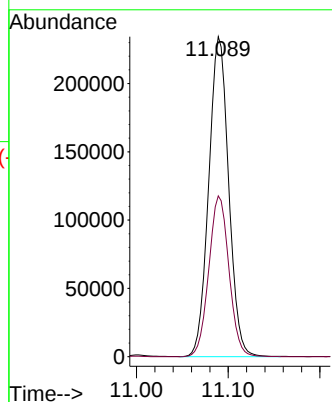
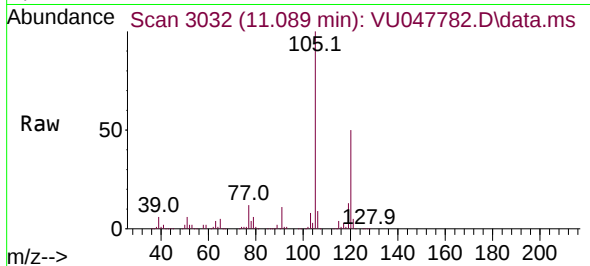




#62
1,3,5-Trimethylbenzene
Concen: 51.862 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

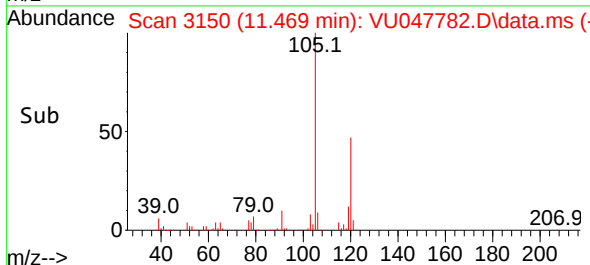
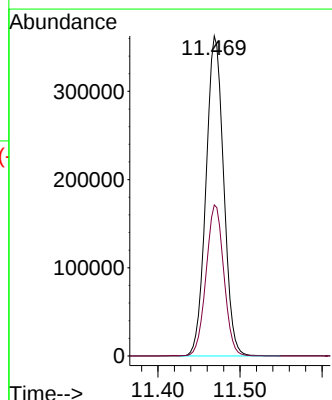
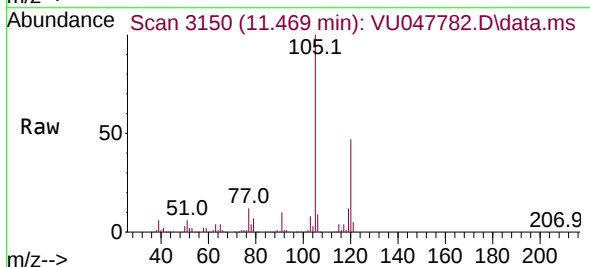
Instrument :
MSVOA_U
ClientSampleId :

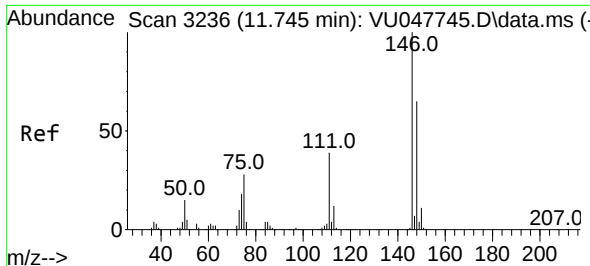
Tgt Ion:105 Resp: 354110
Ion Ratio Lower Upper
105 100
120 50.8 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 52.406 ug/L
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:105 Resp: 543532
Ion Ratio Lower Upper
105 100
120 47.4 37.6 56.4

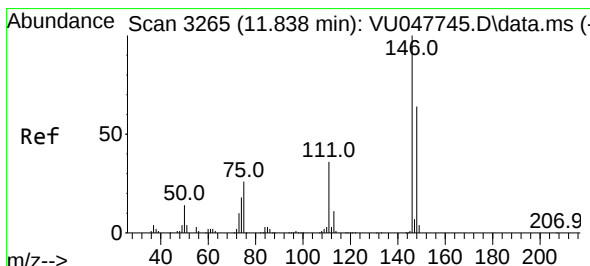
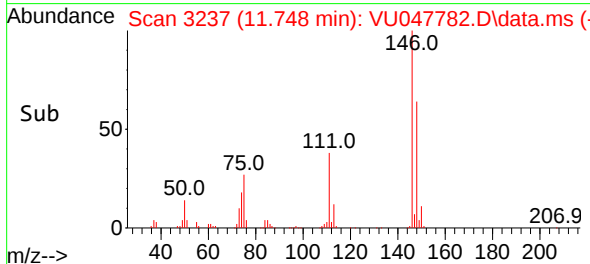
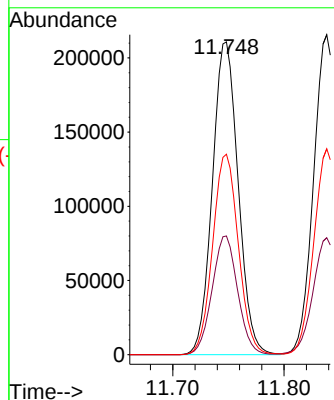
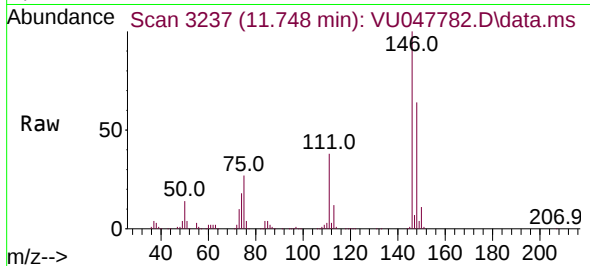




#64
1,3-Dichlorobenzene
Concen: 48.491 ug/L
RT: 11.748 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

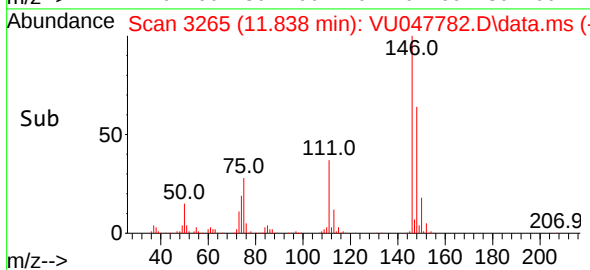
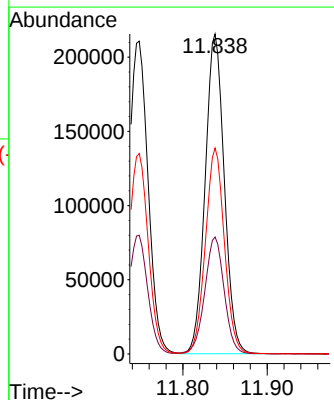
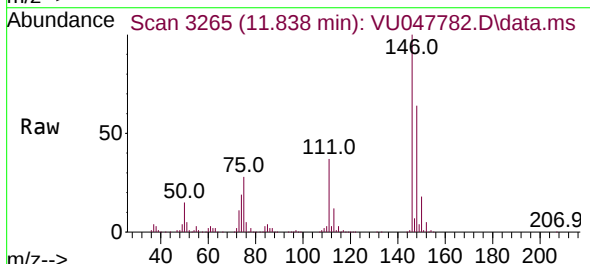
Instrument :
MSVOA_U
ClientSampleId :

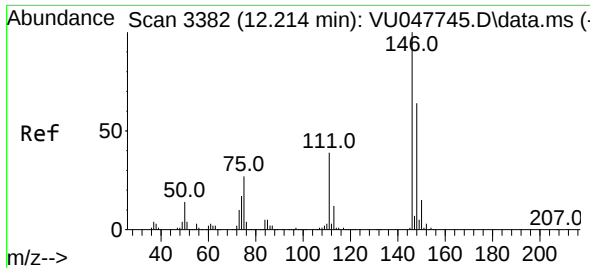
Tgt Ion:146 Resp: 339179
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 46.972 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:146 Resp: 340316
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 64.3 44.5 82.7

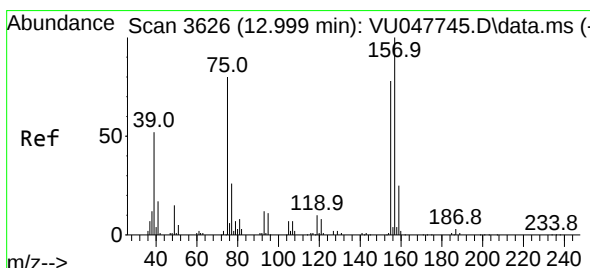
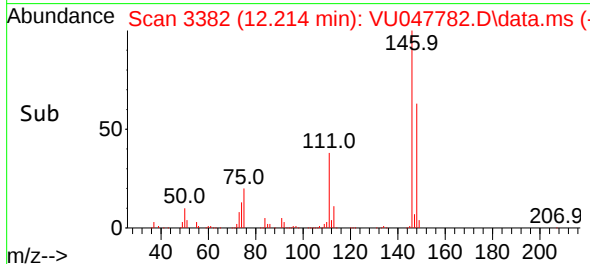
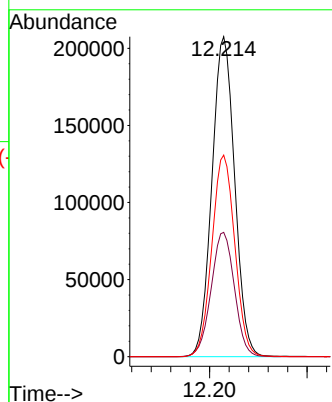
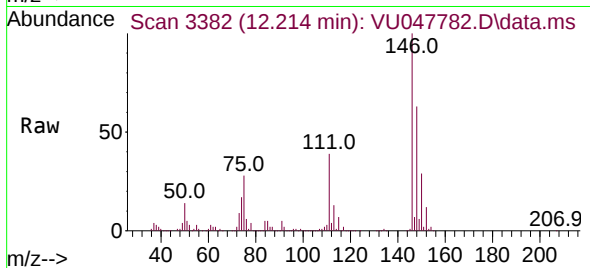




#67
1,2-Dichlorobenzene
Concen: 48.081 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

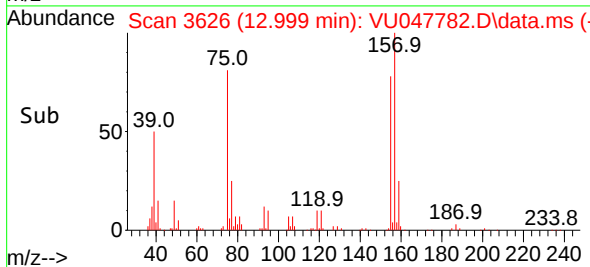
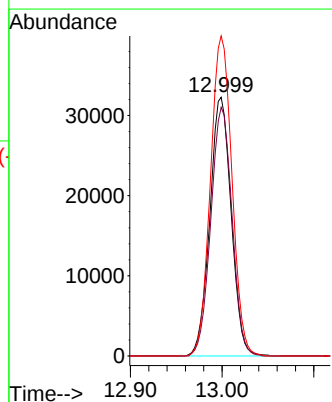
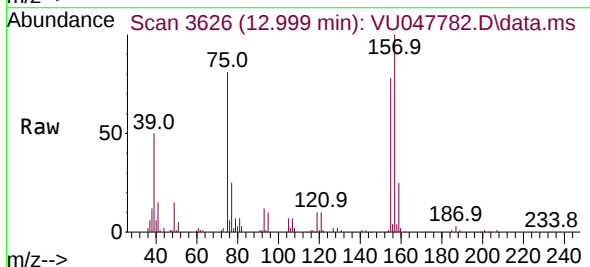
Instrument :
MSVOA_U
ClientSampleId :

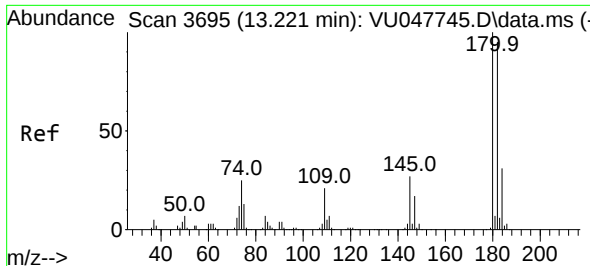
Tgt Ion:146 Resp: 336509
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 63.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 37.129 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

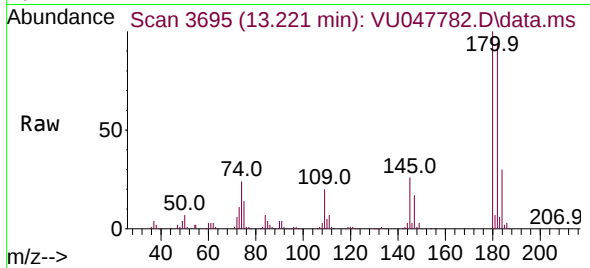
Tgt Ion: 75 Resp: 52207
Ion Ratio Lower Upper
75 100
155 96.1 78.9 118.3
157 123.7 97.5 146.3



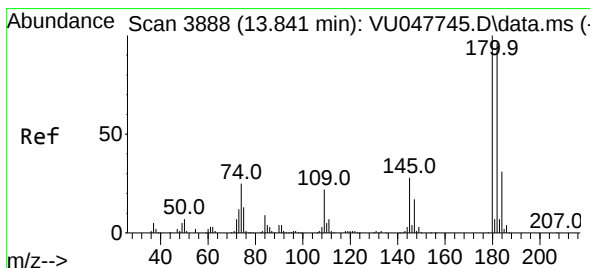
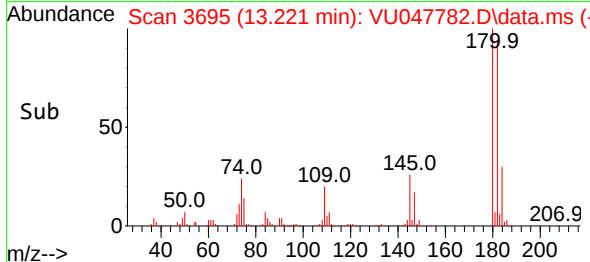
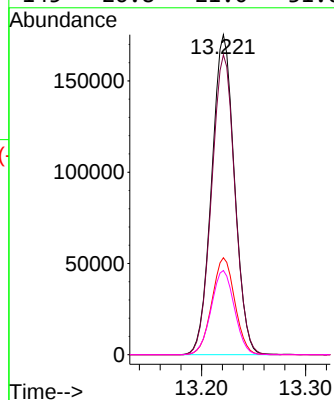


#69
 1,3,5-Trichlorobenzene
 Concen: 47.028 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047782.D
 Acq: 01 Apr 2022 11:27

Instrument :
 MSVOA_U
 ClientSampleId :

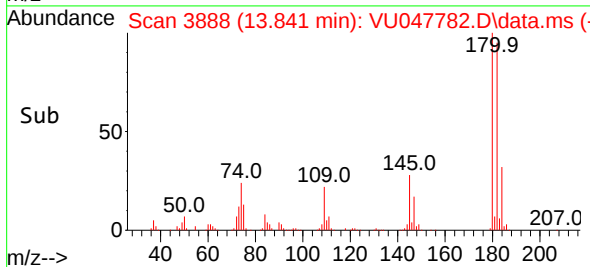
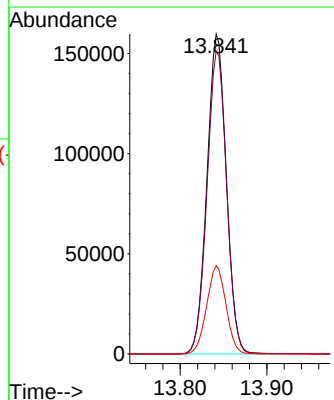
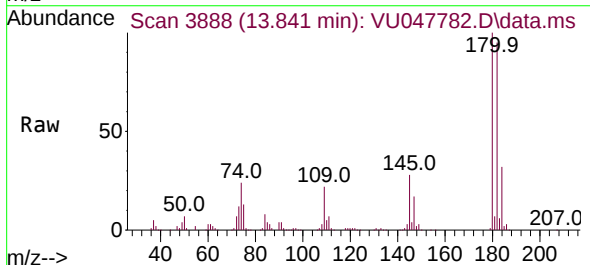


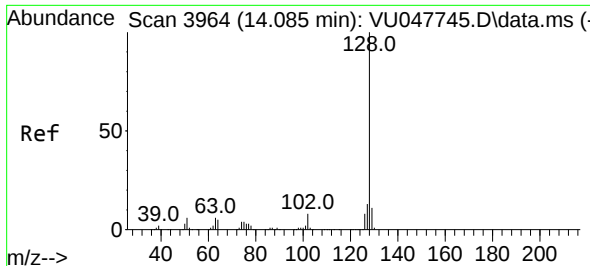
Tgt Ion:180 Resp: 267154
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 30.4 24.5 36.7
 145 26.8 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 49.831 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047782.D
 Acq: 01 Apr 2022 11:27

Tgt Ion:180 Resp: 247945
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.2
 145 27.5 21.8 32.8

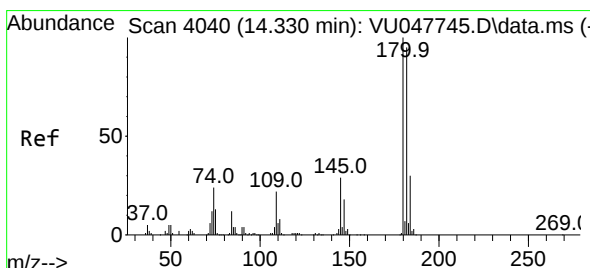
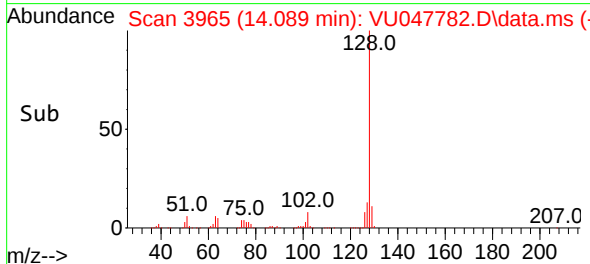
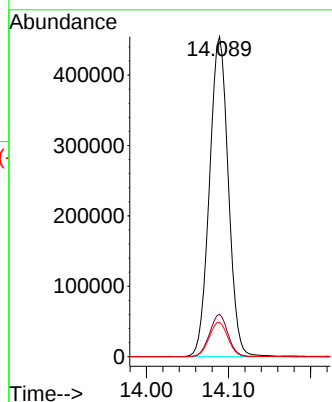
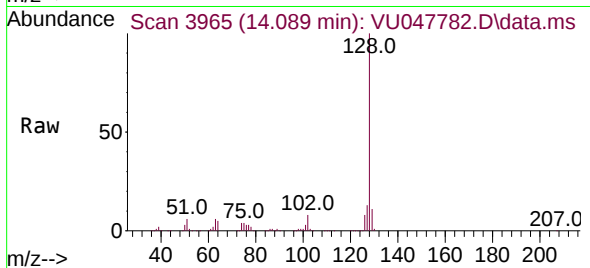




#71
Naphthalene
Concen: 48.731 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 722910
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.848 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047782.D
Acq: 01 Apr 2022 11:27

Tgt Ion:180 Resp: 248645
Ion Ratio Lower Upper
180 100
182 95.5 77.4 116.0
145 29.1 22.8 34.2

