

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047123.D
 Acq On : 11 Feb 2022 18:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 01:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	431655	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	408129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	218838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	151014	38.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.040%
7) Chloroethane-d5	1.919	69	128093	44.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.575	63	271357	41.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.540%
21) 2-Butanone-d5	4.629	46	360114	118.442	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.440%
24) Chloroform-d	5.066	84	292833	46.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
26) 1,2-Dichloroethane-d4	5.703	65	190609	46.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
32) Benzene-d6	5.729	84	590531	43.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	6.693	67	200257	45.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.020%
41) Toluene-d8	7.899	98	562049	43.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.020%
43) trans-1,3-Dichloroprop...	8.179	79	103720	44.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
47) 2-Hexanone-d5	8.632	63	270667	107.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	312364	48.685	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	233567	45.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	194549	48.372	ug/L	99
3) Chloromethane	1.530	50	196570	49.390	ug/L	99
5) Vinyl chloride	1.610	62	198642	49.527	ug/L	99
6) Bromomethane	1.864	94	115406	49.467	ug/L	96
8) Chloroethane	1.941	64	120511	52.120	ug/L	96
9) Trichlorofluoromethane	2.144	101	227536	48.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	136890	47.849	ug/L	97
12) 1,1-Dichloroethene	2.587	96	133211	47.457	ug/L	95
13) Acetone	2.645	43	214225	96.722	ug/L	96
14) Carbon disulfide	2.800	76	420649	47.748	ug/L	99
15) Methyl Acetate	2.954	43	202398	54.303	ug/L	94
16) Methylene chloride	3.054	84	154599	49.773	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	142754	48.406	ug/L	92
18) Methyl tert-butyl Ether	3.366	73	481139	48.244	ug/L	95
19) 1,1-Dichloroethane	3.877	63	270198	48.785	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	161732	49.580	ug/L	94
22) 2-Butanone	4.710	43	327978	110.365	ug/L	95
23) Bromochloromethane	4.980	128	82181	47.505	ug/L	96
25) Chloroform	5.092	83	267820	49.365	ug/L	98

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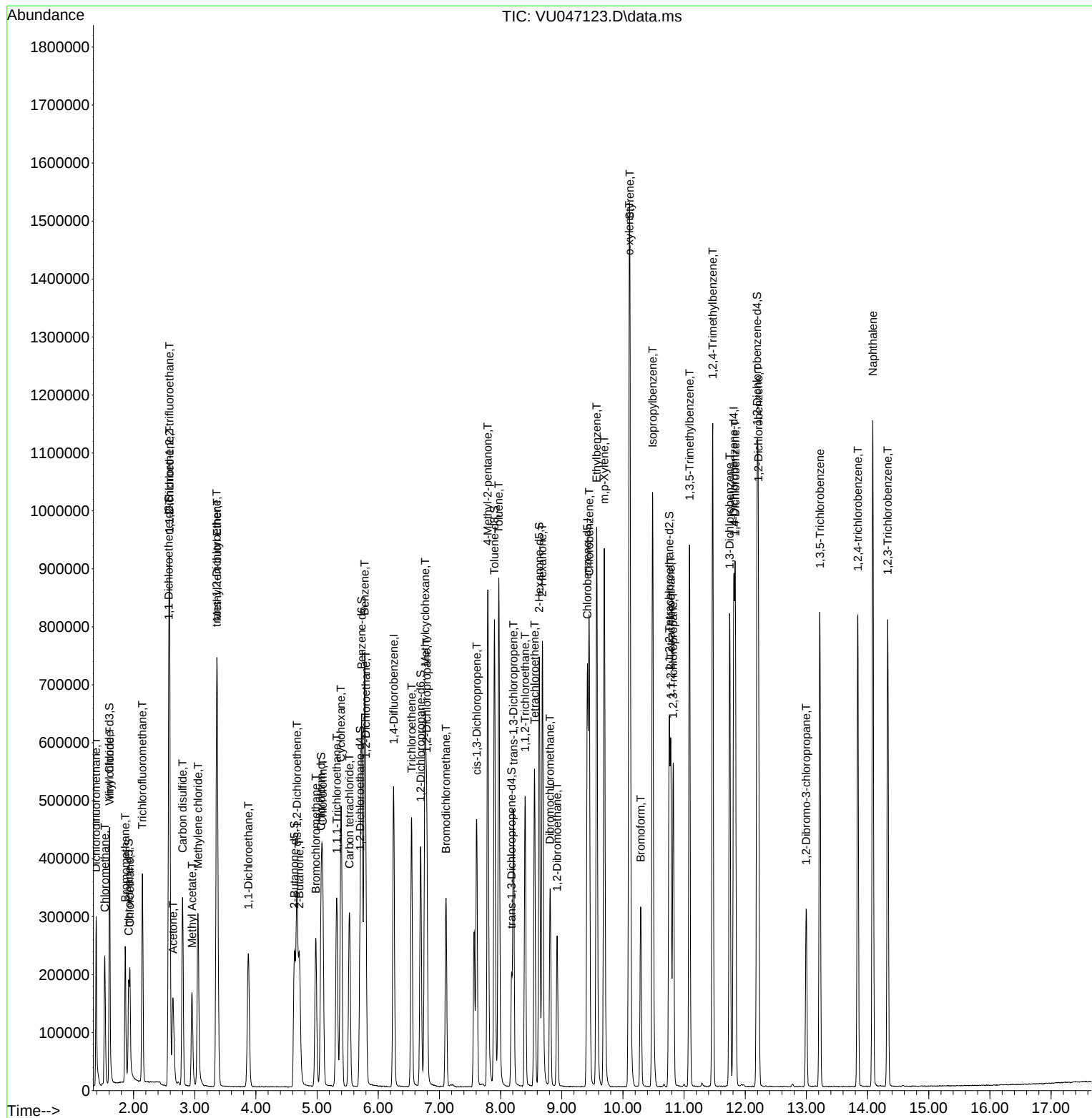
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	217017	50.342	ug/L	99
29) Cyclohexane	5.391	56	260468	48.695	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	235448	48.164	ug/L	98
31) Carbon tetrachloride	5.530	117	203832	48.091	ug/L	100
33) Benzene	5.777	78	619718	48.683	ug/L	100
34) Trichloroethene	6.546	95	157550	47.647	ug/L	99
35) Methylcyclohexane	6.767	83	267871	48.281	ug/L	95
37) 1,2-Dichloropropane	6.793	63	166529	48.839	ug/L	98
38) Bromodichloromethane	7.108	83	212550	48.907	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	269245	48.585	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	577701	106.989	ug/L	93
42) Toluene	7.970	91	679700	48.613	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	261172	49.049	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	154765	48.191	ug/L	96
46) Tetrachloroethene	8.555	164	125817	47.300	ug/L	96
48) 2-Hexanone	8.684	43	489297	109.574	ug/L #	95
49) Dibromochloromethane	8.809	129	174273	46.903	ug/L	99
50) 1,2-Dibromoethane	8.925	107	173774	48.712	ug/L	100
51) Chlorobenzene	9.449	112	432734	48.269	ug/L	99
52) Ethylbenzene	9.571	91	741357	48.448	ug/L	100
53) m,p-Xylene	9.697	106	290154	47.792	ug/L	95
54) o-xylene	10.102	106	282368	47.237	ug/L	98
55) Styrene	10.115	104	488064	47.451	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	284363	50.226	ug/L	100
59) Bromoform	10.291	173	140095	47.155	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	236034	50.596	ug/L	96
61) Isopropylbenzene	10.484	105	742091	48.239	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	512343	46.992	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	628167	47.455	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	341102	47.520	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	342448	47.459	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	339924	47.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	78771	52.999	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	263251	47.423	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	248290	47.184	ug/L	99
71) Naphthalene	14.085	128	902877	48.465	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	250220	47.756	ug/L	98

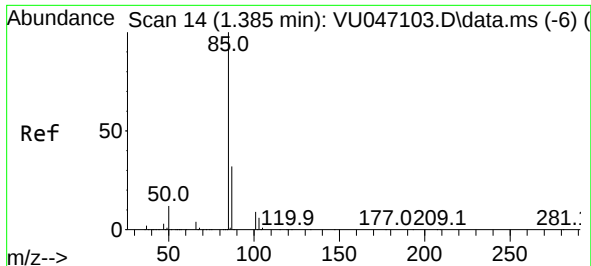
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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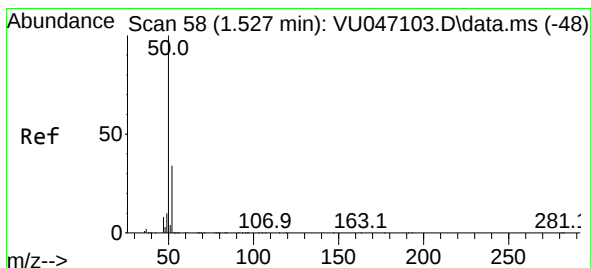
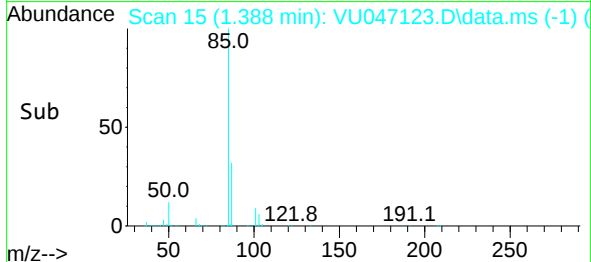
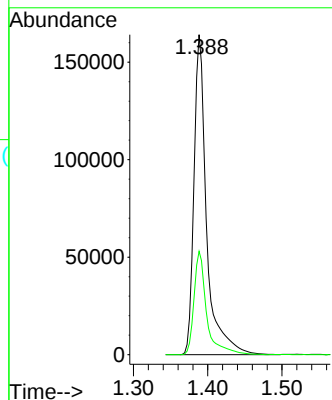
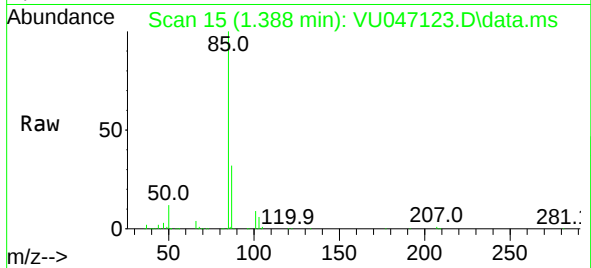




#2
 Dichlorodifluoromethane
 Concen: 48.372 ug/L
 RT: 1.388 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

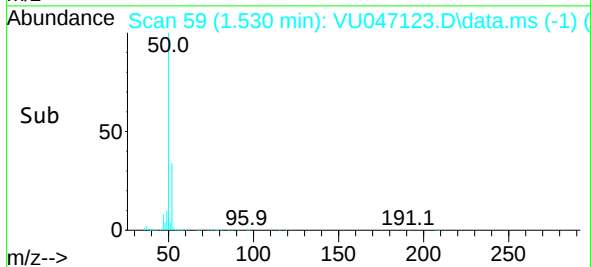
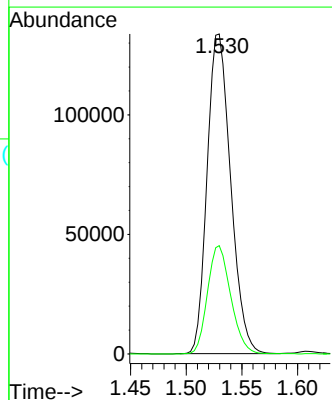
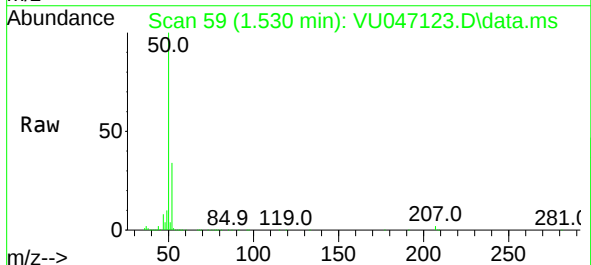
Instrument :
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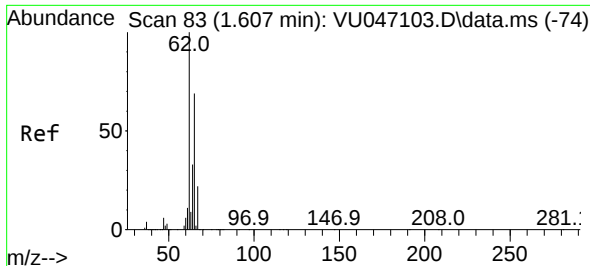
Tgt Ion: 85 Resp: 194549
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 49.390 ug/L
 RT: 1.530 min Scan# 59
 Delta R.T. 0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

Tgt Ion: 50 Resp: 196570
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.2 43.2

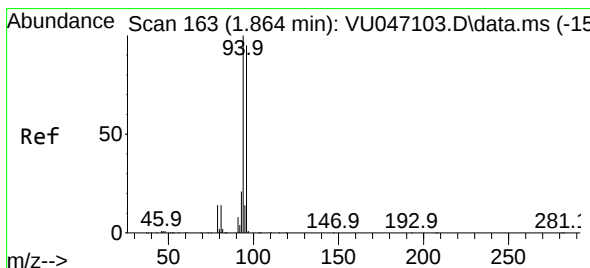
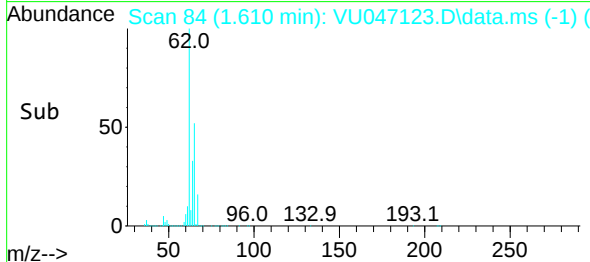
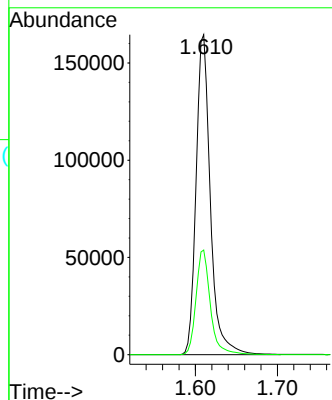
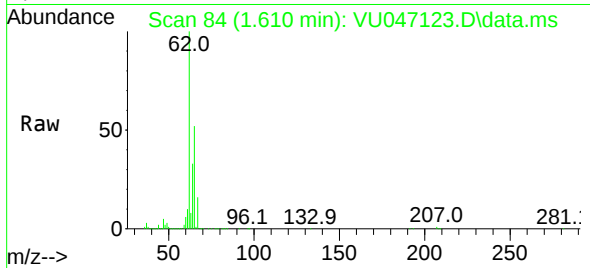




#5
 Vinyl chloride
 Concen: 49.527 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

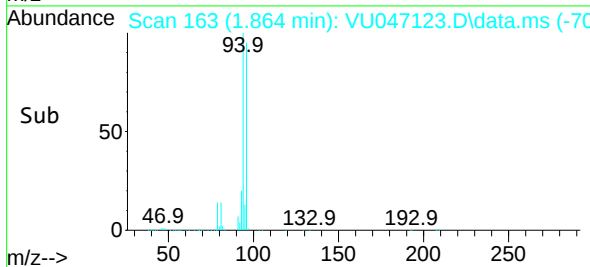
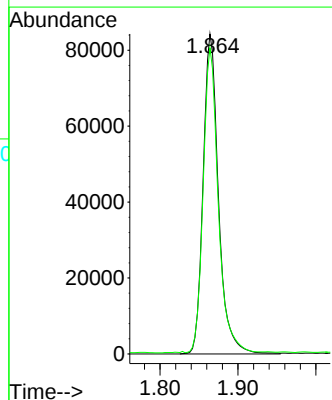
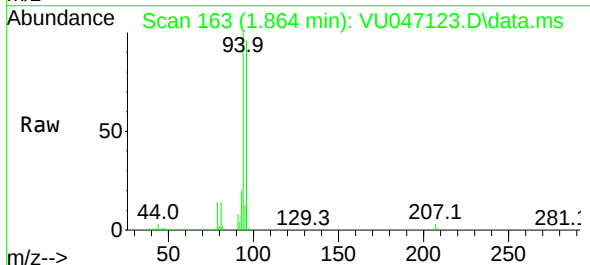
Instrument :
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 ClientSampleId :

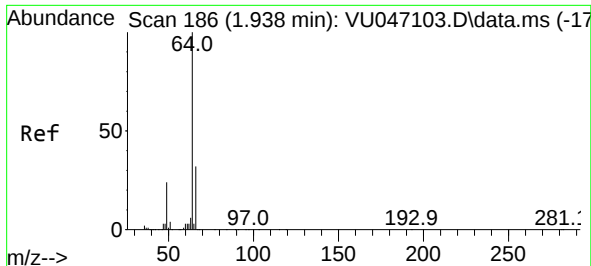
Tgt Ion: 62 Resp: 198642
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 49.467 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

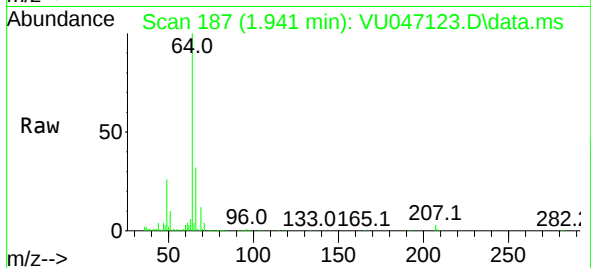
Tgt Ion: 94 Resp: 115406
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.4 119.6



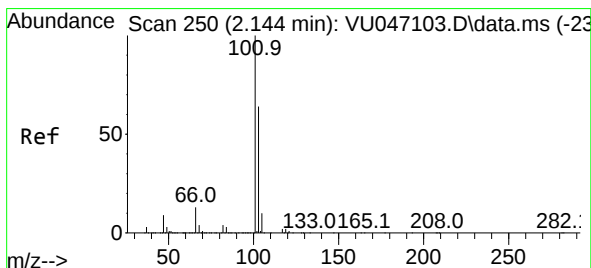
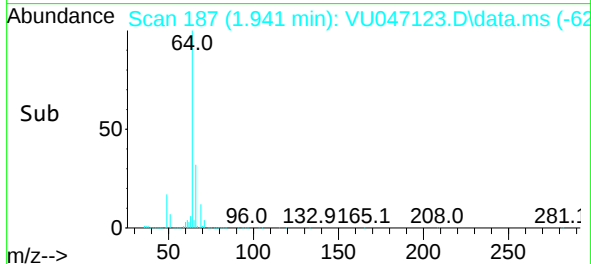
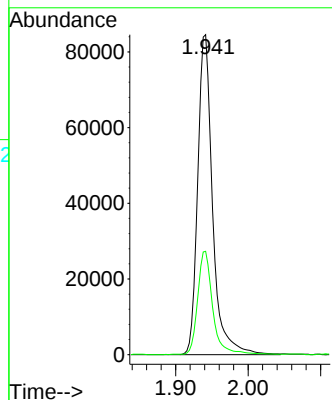


#8
Chloroethane
Concen: 52.120 ug/L
RT: 1.941 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Instrument :
MSVOA_U
ClientSampleId :

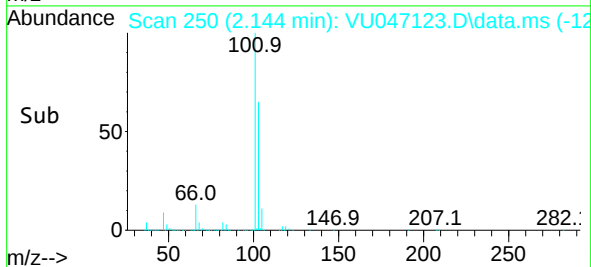
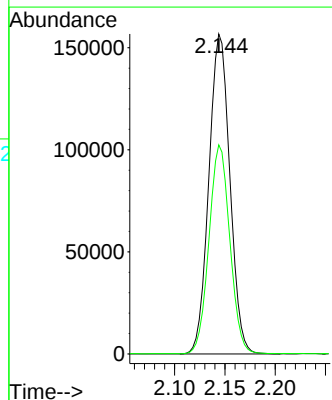
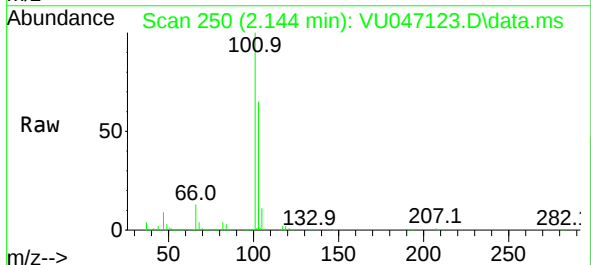


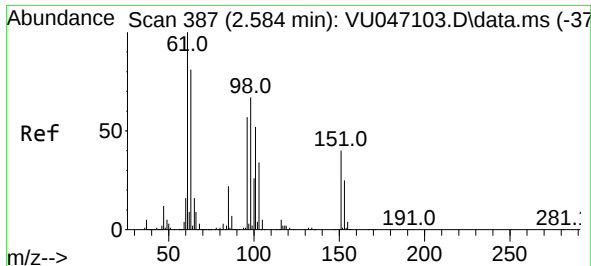
Tgt Ion: 64 Resp: 120511
Ion Ratio Lower Upper
64 100
66 32.3 24.4 45.2



#9
Trichlorofluoromethane
Concen: 48.990 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 101 Resp: 227536
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

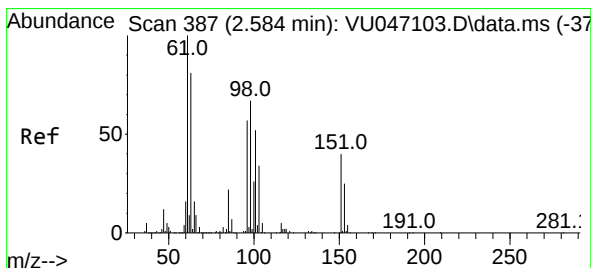
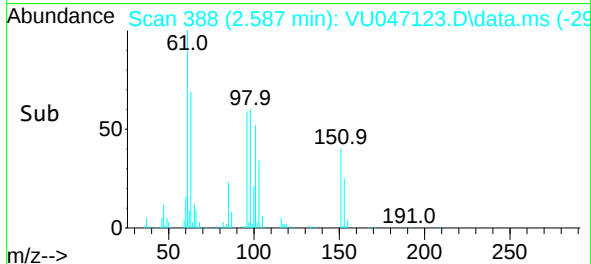
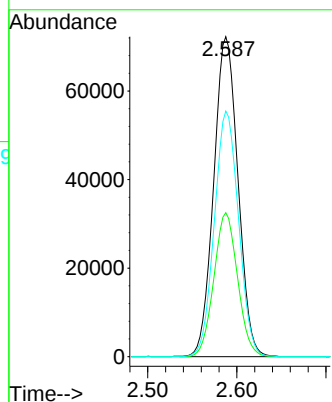
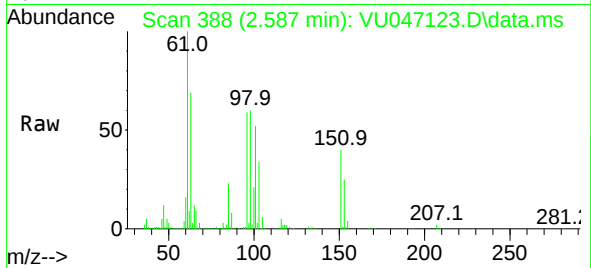




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.849 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

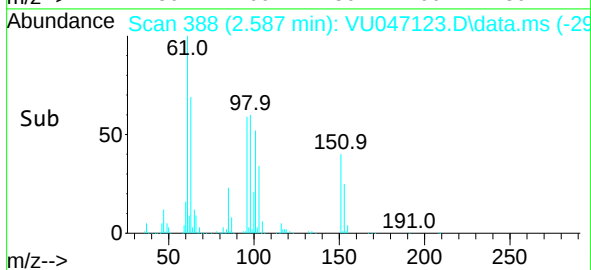
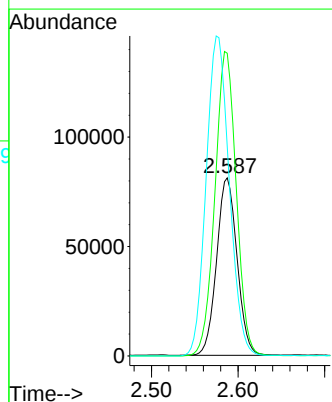
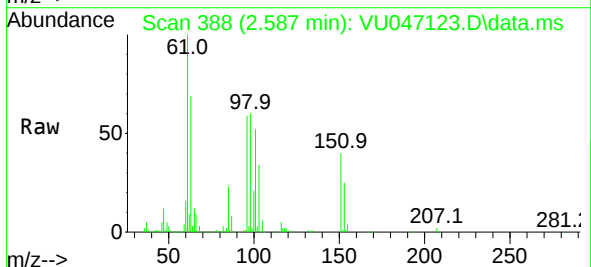
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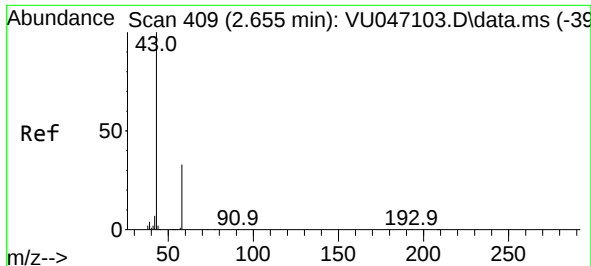
Tgt Ion:101 Resp: 136890
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 76.6 58.3 87.5



#12
1,1-Dichloroethene
Concen: 47.457 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 96 Resp: 133211
Ion Ratio Lower Upper
96 100
61 170.0 114.9 213.3
63 117.6 86.0 159.8





#13

Acetone

Concen: 96.722 ug/L

RT: 2.645 min Scan# 409

Delta R.T. -0.010 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

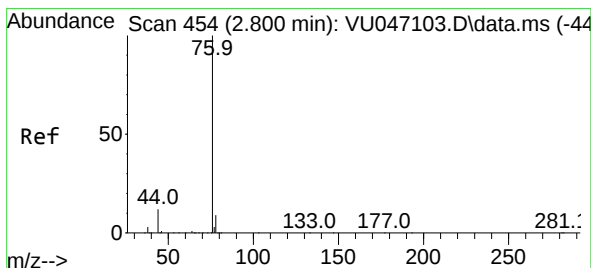
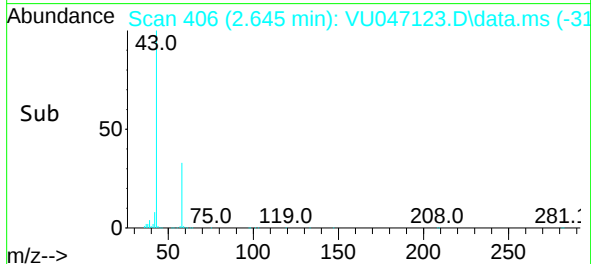
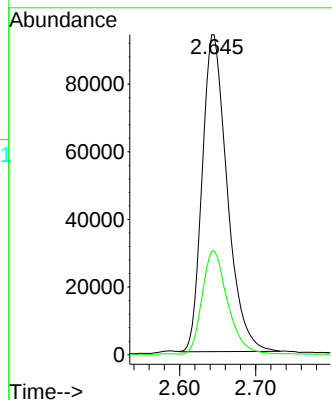
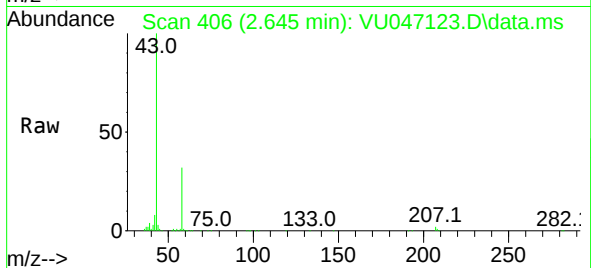
ClientSampleId :

Tgt Ion: 43 Resp: 214225

Ion Ratio Lower Upper

43 100

58 33.5 0.0 71.0



#14

Carbon disulfide

Concen: 47.748 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047123.D

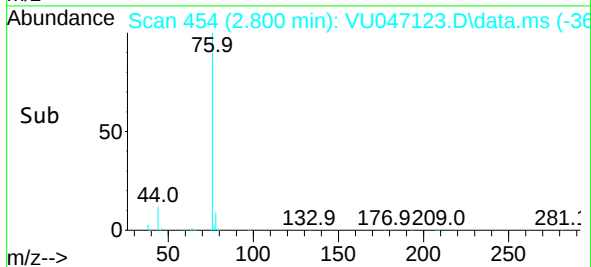
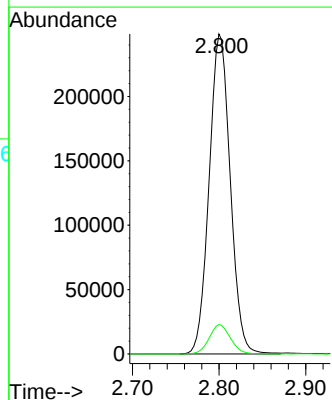
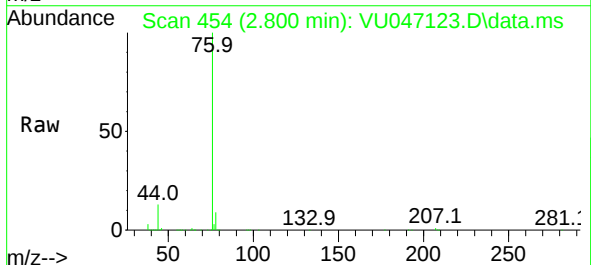
Acq: 11 Feb 2022 18:18

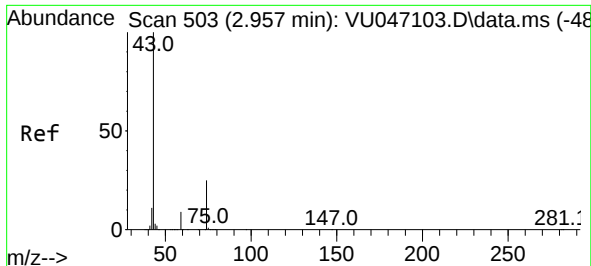
Tgt Ion: 76 Resp: 420649

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

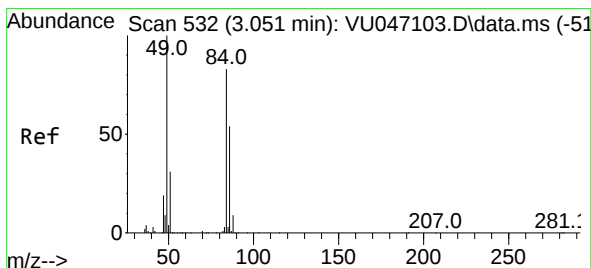
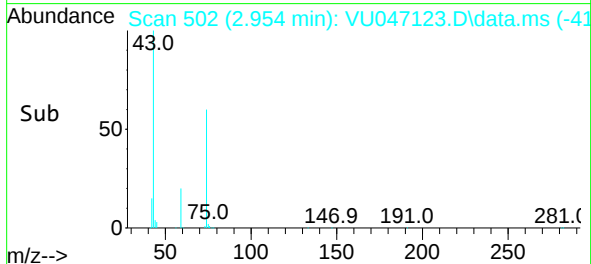
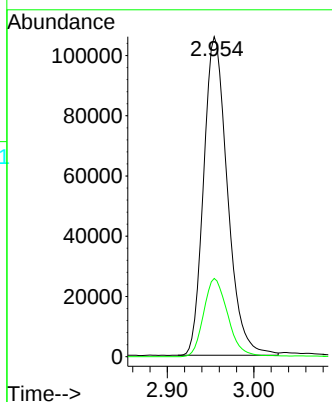
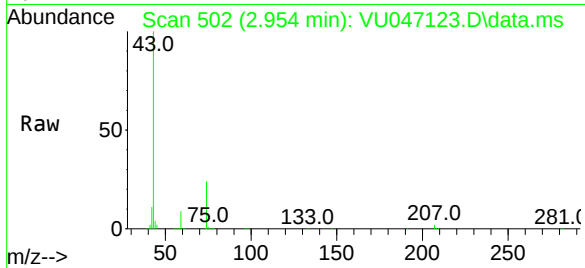




#15
Methyl Acetate
Concen: 54.303 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

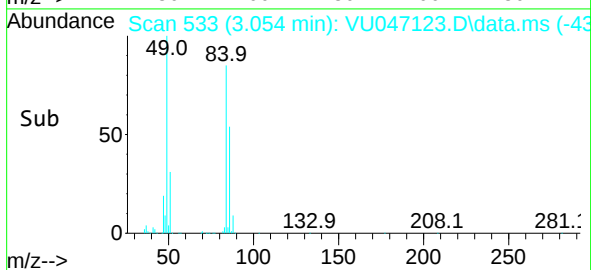
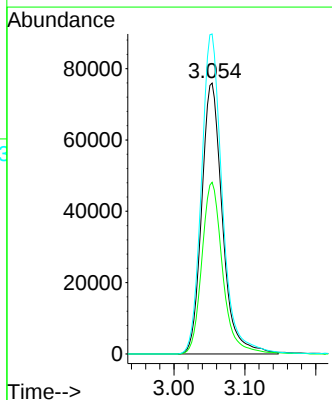
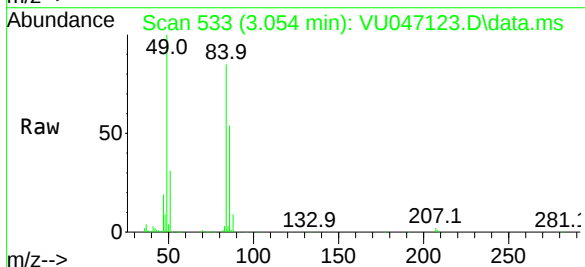
Instrument :
MSVOA_U
ClientSampleId :

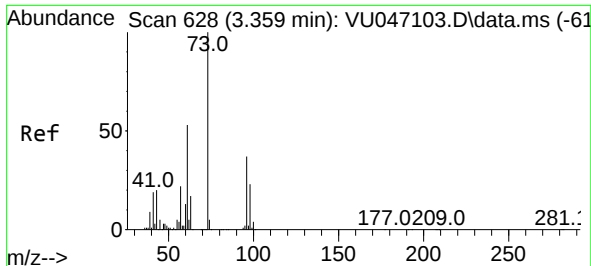
Tgt Ion: 43 Resp: 202398
Ion Ratio Lower Upper
43 100
74 24.8 22.3 33.5



#16
Methylene chloride
Concen: 49.773 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 84 Resp: 154599
Ion Ratio Lower Upper
84 100
86 63.4 44.7 82.9
49 118.1 75.9 141.1

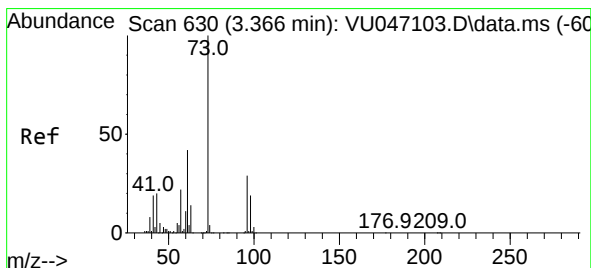
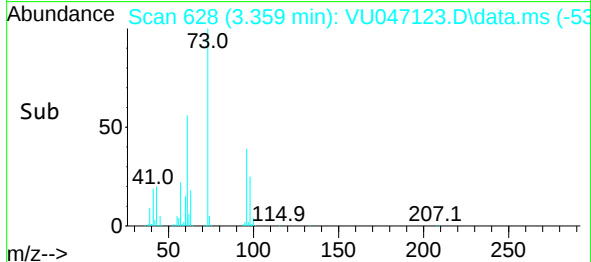
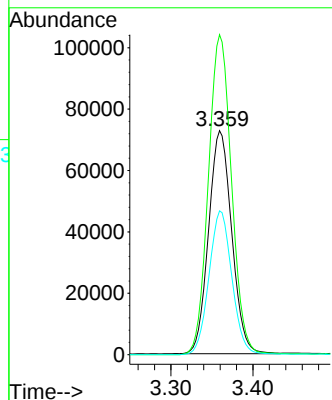
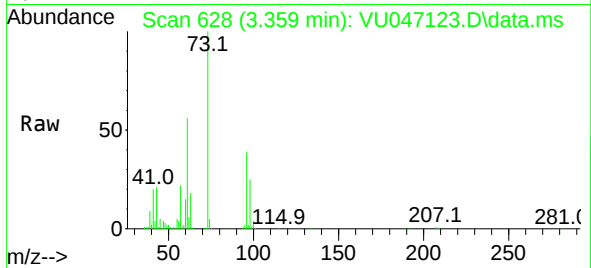




#17
trans-1,2-Dichloroethene
Concen: 48.406 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

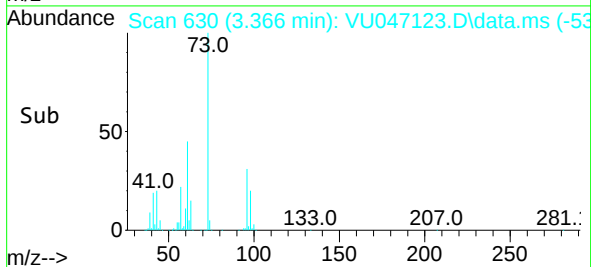
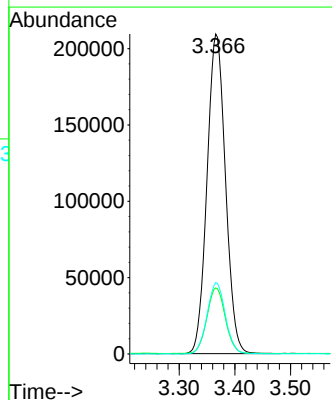
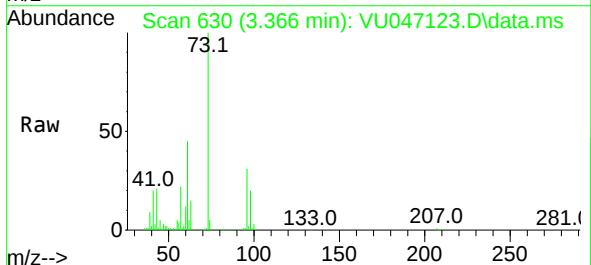
Instrument :
MSVOA_U
ClientSampleId :

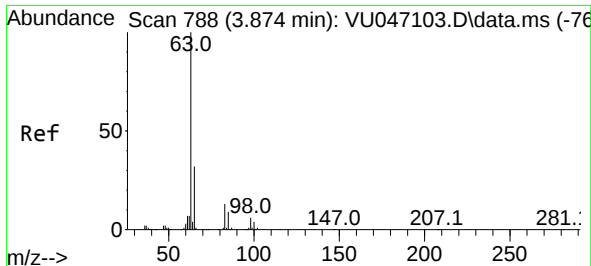
Tgt Ion: 96 Resp: 142754
Ion Ratio Lower Upper
96 100
61 142.9 92.5 171.9
98 64.2 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 48.244 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 73 Resp: 481139
Ion Ratio Lower Upper
73 100
43 20.3 14.1 21.1
57 22.2 16.4 24.6





#19

1,1-Dichloroethane

Concen: 48.785 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

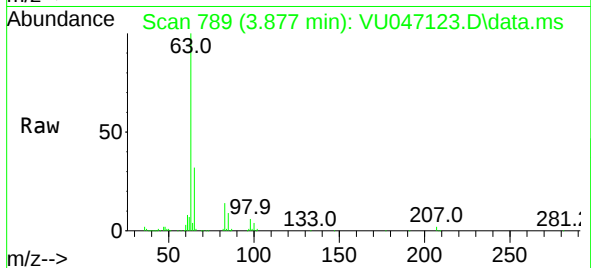
Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :



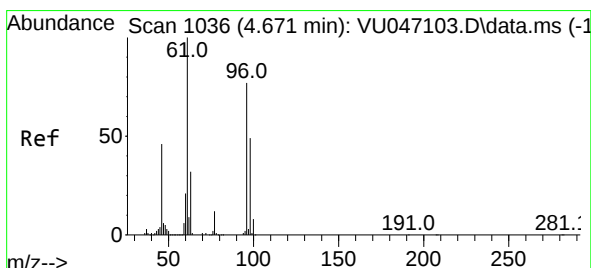
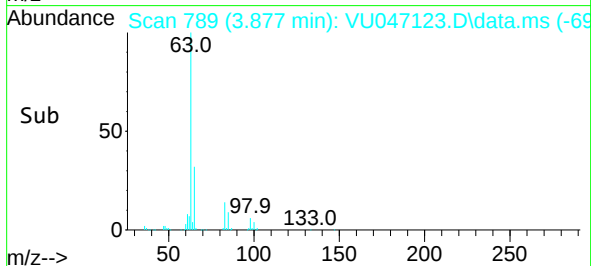
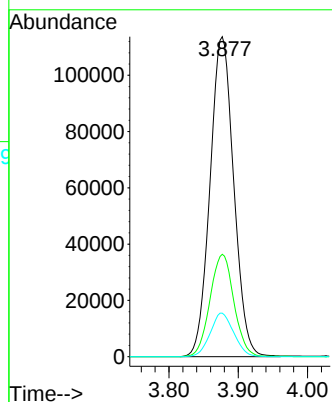
Tgt Ion: 63 Resp: 270198

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.580 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

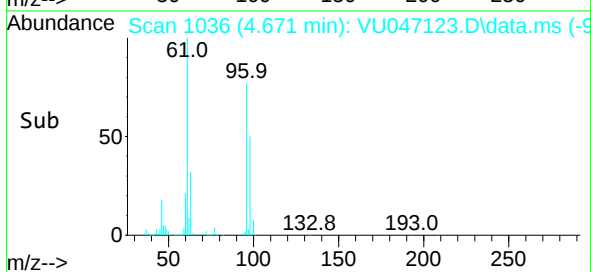
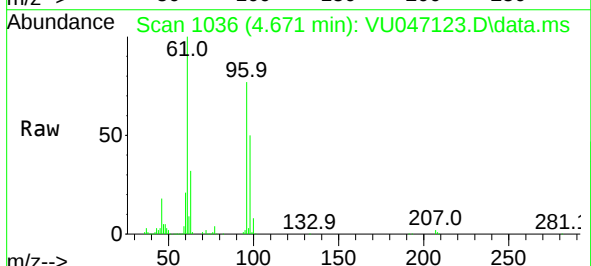
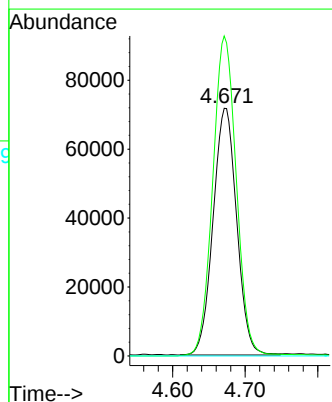
Tgt Ion: 96 Resp: 161732

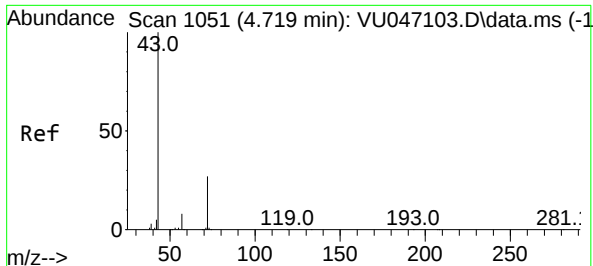
Ion Ratio Lower Upper

96 100

61 129.2 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 110.365 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.010 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

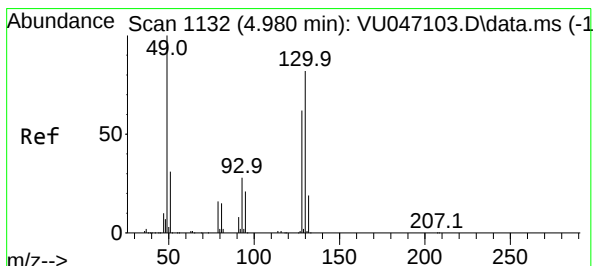
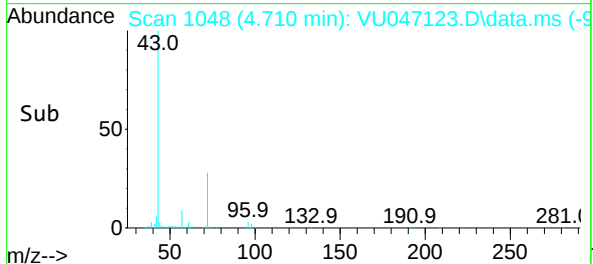
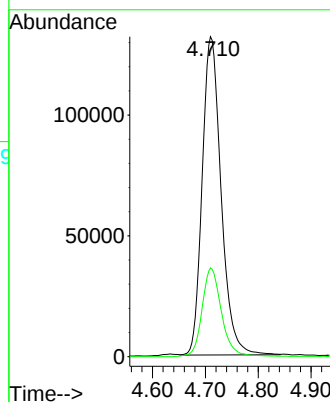
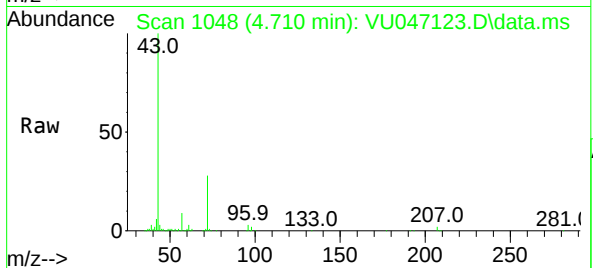
ClientSampleId :

Tgt Ion: 43 Resp: 327978

Ion Ratio Lower Upper

43 100

72 28.6 15.6 46.8



#23

Bromochloromethane

Concen: 47.505 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Tgt Ion:128 Resp: 82181

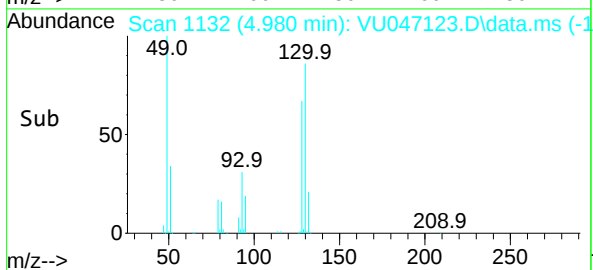
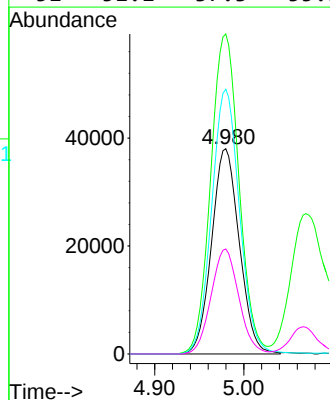
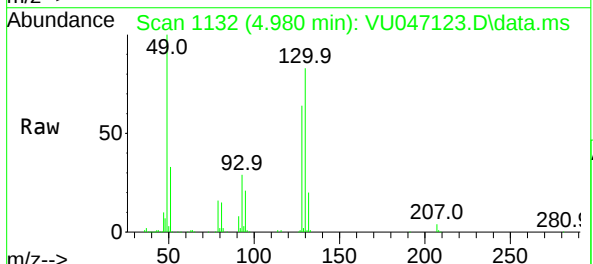
Ion Ratio Lower Upper

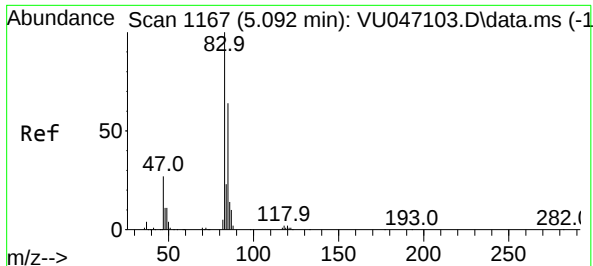
128 100

49 155.9 105.4 195.8

130 129.0 88.7 164.7

51 51.1 37.3 55.9





#25

Chloroform

Concen: 49.365 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

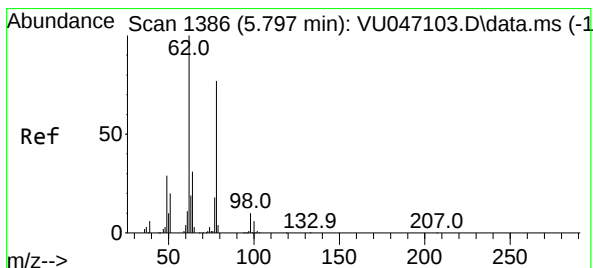
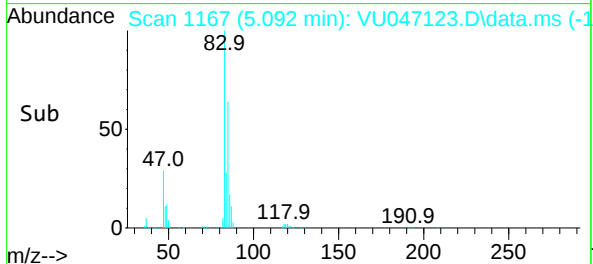
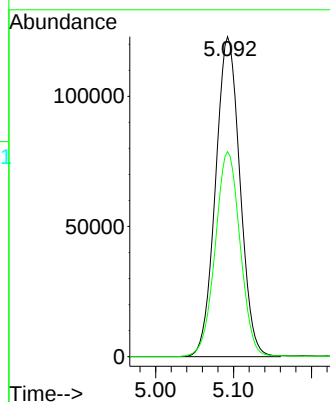
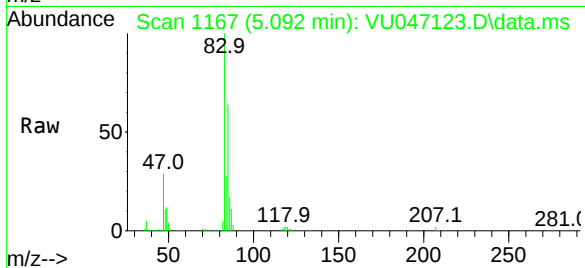
ClientSampleId :

Tgt Ion: 83 Resp: 267820

Ion Ratio Lower Upper

83 100

85 64.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 50.342 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047123.D

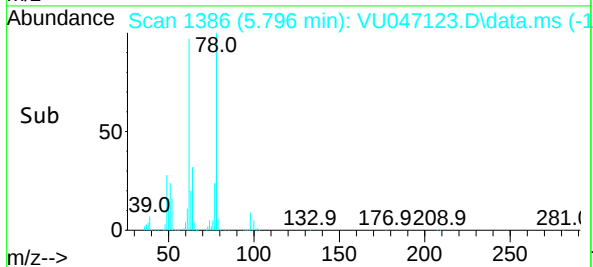
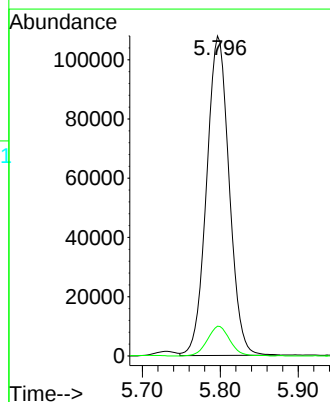
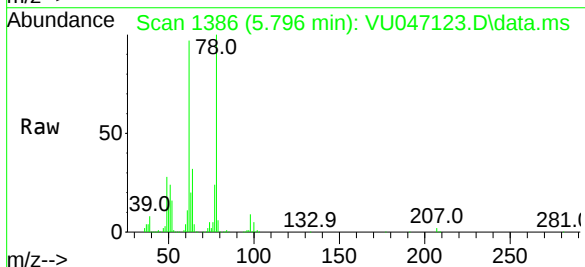
Acq: 11 Feb 2022 18:18

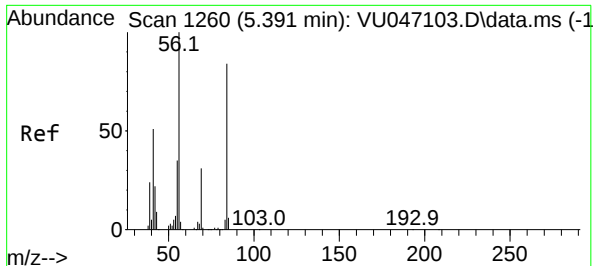
Tgt Ion: 62 Resp: 217017

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

Cyclohexane

Concen: 48.695 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

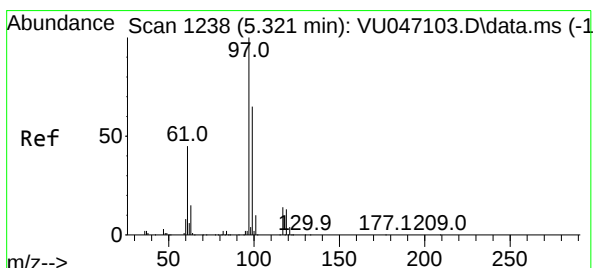
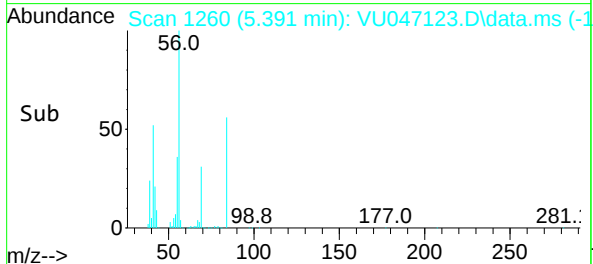
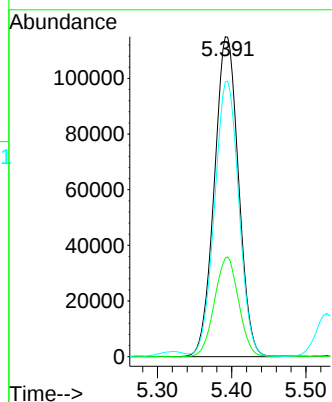
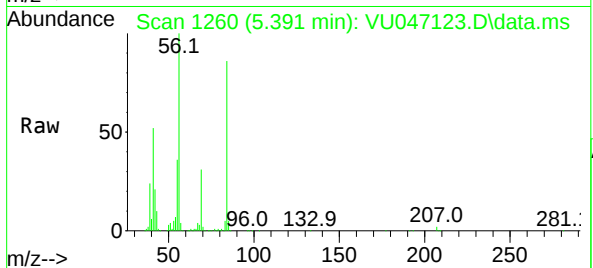
Tgt Ion: 56 Resp: 260468

Ion Ratio Lower Upper

56 100

69 31.1 25.8 38.6

84 86.3 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 48.164 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

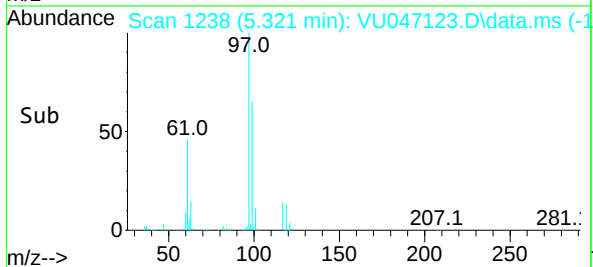
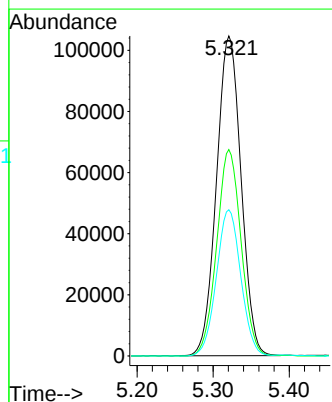
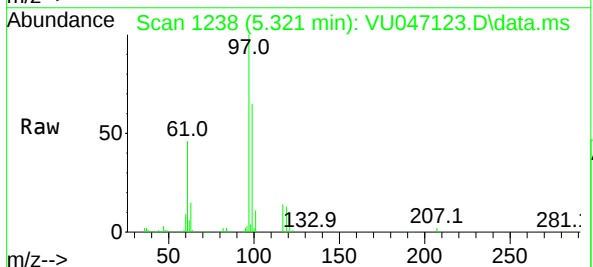
Tgt Ion: 97 Resp: 235448

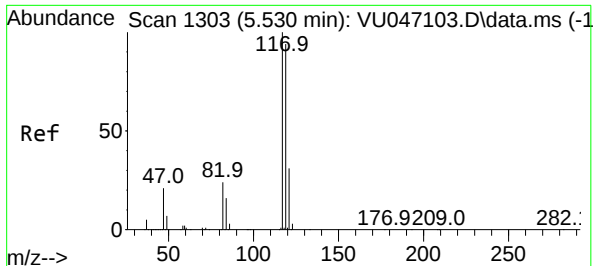
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 45.3 34.1 51.1

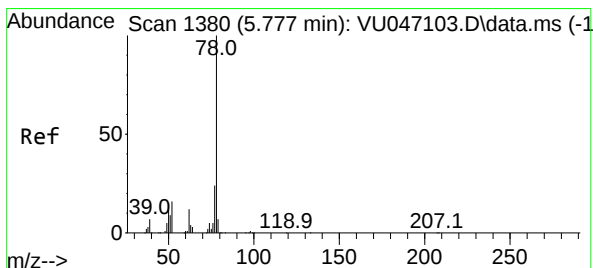
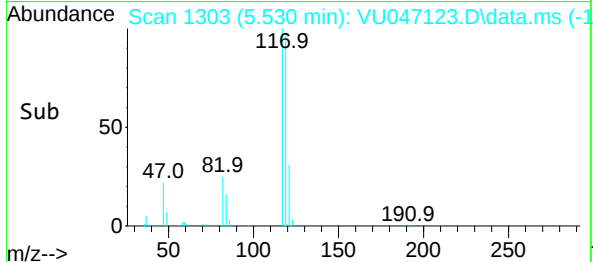
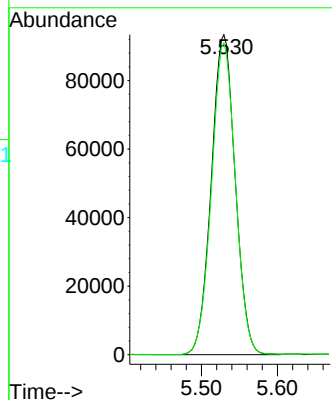
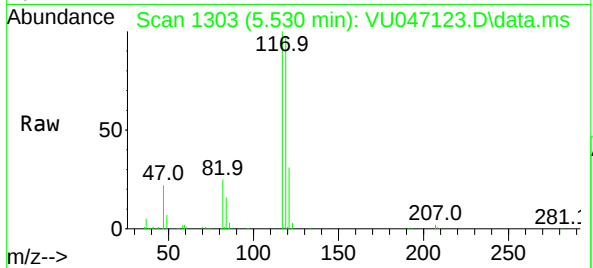




#31
Carbon tetrachloride
Concen: 48.091 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

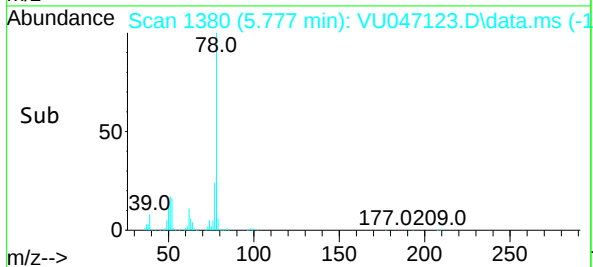
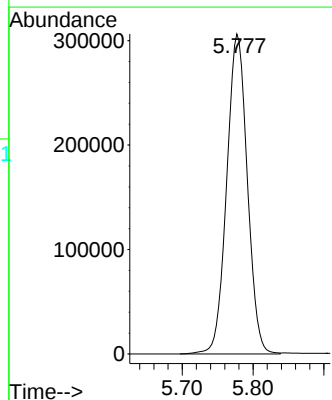
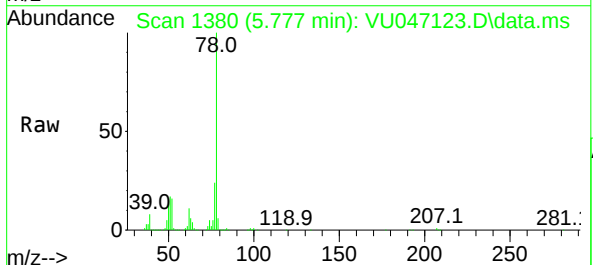
Instrument :
MSVOA_U
ClientSampleId :

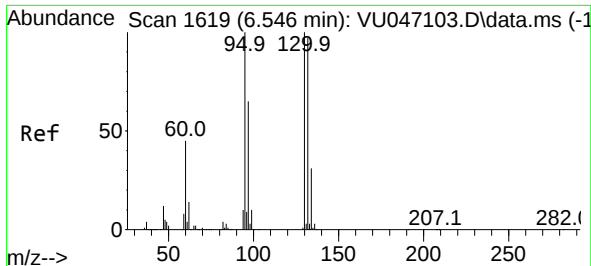
Tgt Ion:117 Resp: 203832
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 48.683 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 78 Resp: 619718





#34

Trichloroethene

Concen: 47.647 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

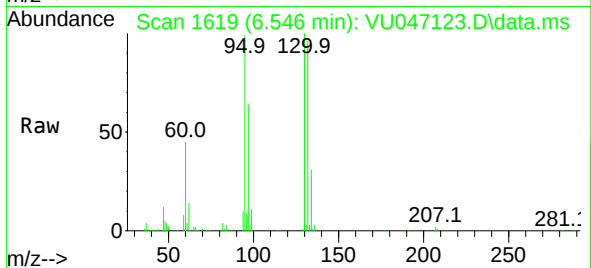
Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 157550

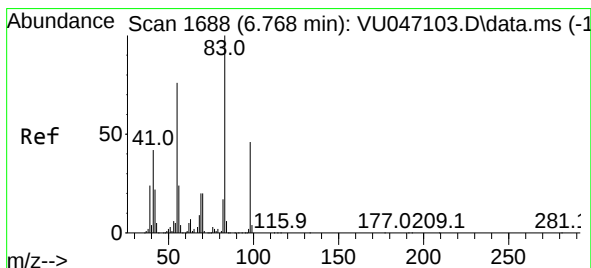
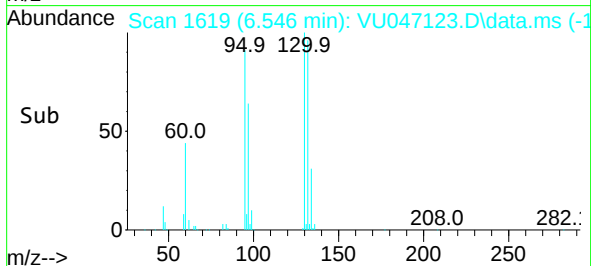
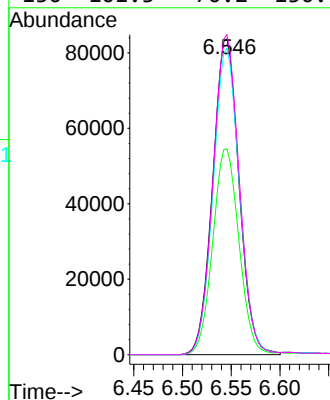
Ion Ratio Lower Upper

95 100

97 65.1 45.1 83.7

132 97.0 66.7 123.9

130 101.3 70.2 130.4



#35

Methylcyclohexane

Concen: 48.281 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

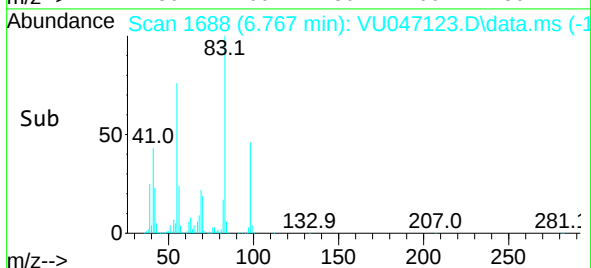
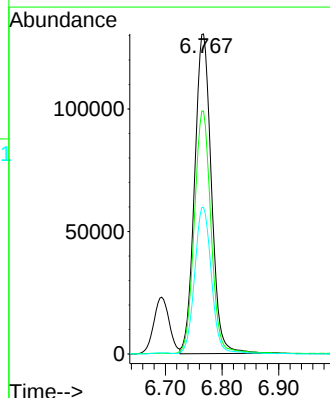
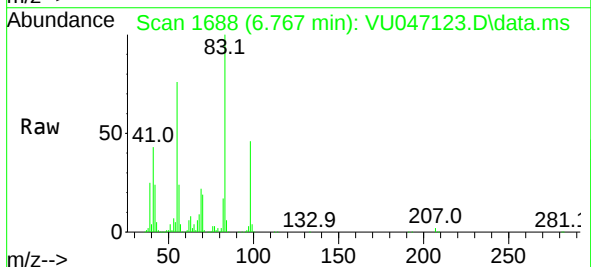
Tgt Ion: 83 Resp: 267871

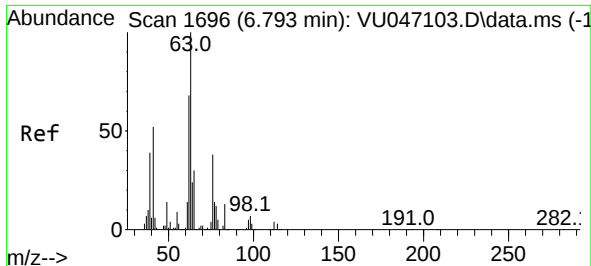
Ion Ratio Lower Upper

83 100

55 75.2 56.6 85.0

98 45.5 38.4 57.6

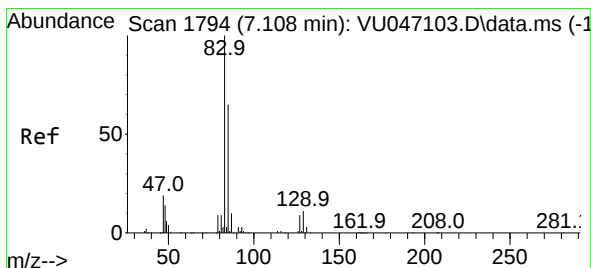
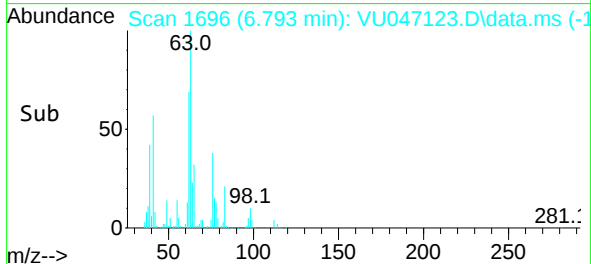
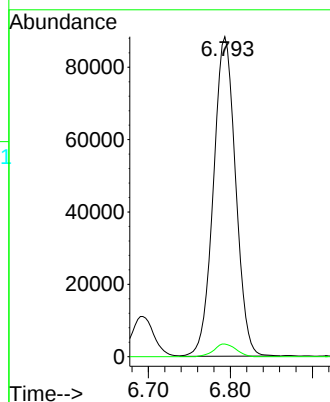
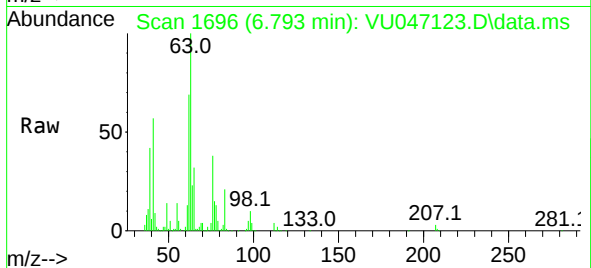




#37
1,2-Dichloropropane
Concen: 48.839 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

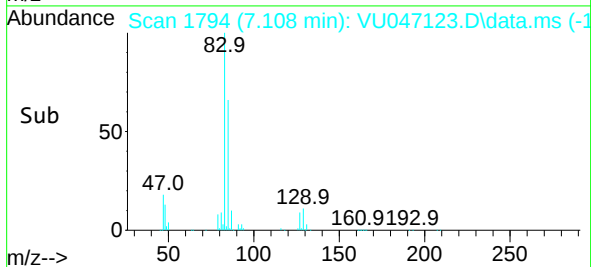
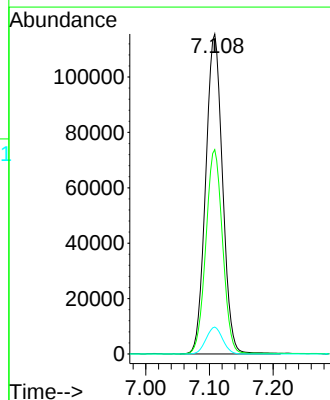
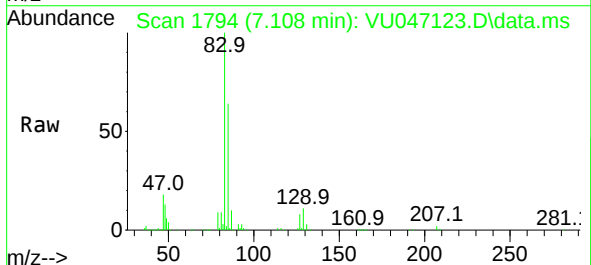
Instrument :
MSVOA_U
ClientSampleId :

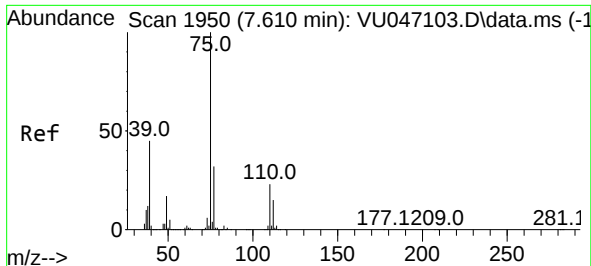
Tgt Ion: 63 Resp: 166529
Ion Ratio Lower Upper
63 100
112 4.0 3.7 5.5



#38
Bromodichloromethane
Concen: 48.907 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 83 Resp: 212550
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.585 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

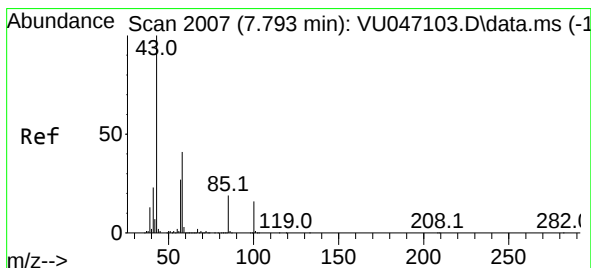
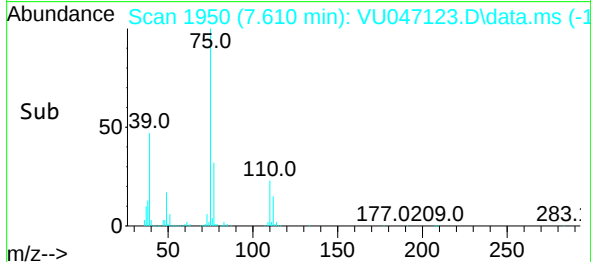
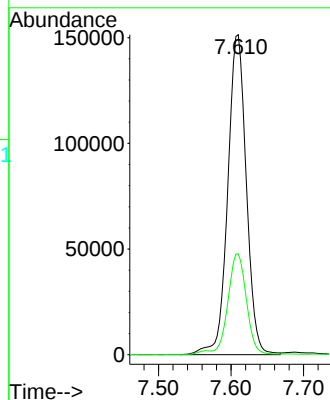
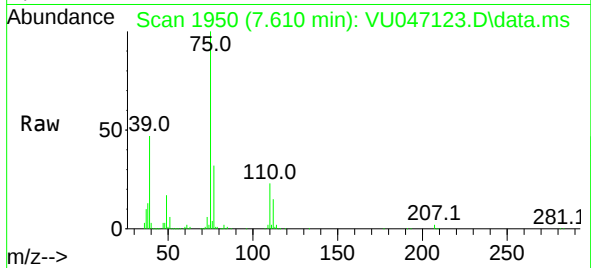
ClientSampleId :

Tgt Ion: 75 Resp: 269245

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 106.989 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

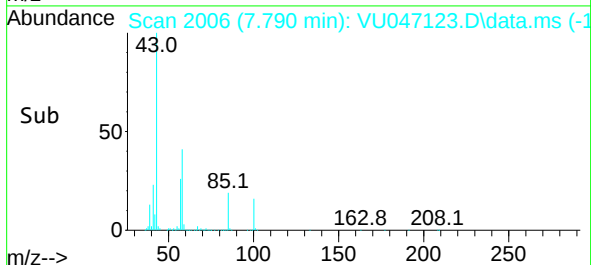
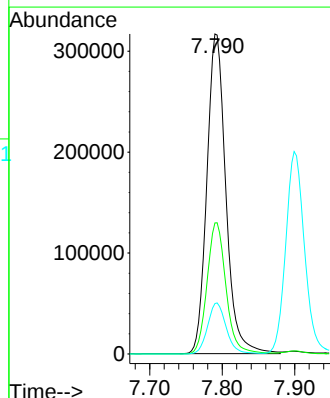
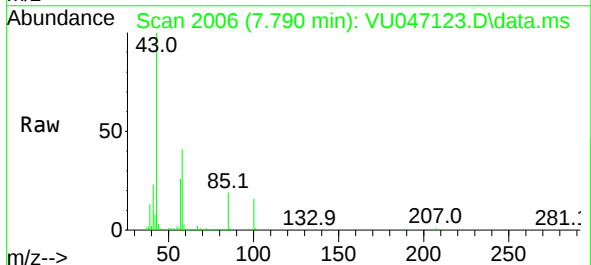
Tgt Ion: 43 Resp: 577701

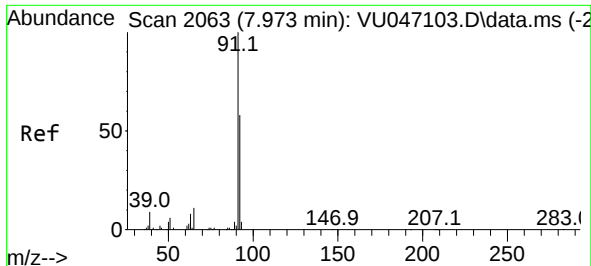
Ion Ratio Lower Upper

43 100

58 41.0 35.8 53.8

100 15.7 15.7 23.5





#42

Toluene

Concen: 48.613 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

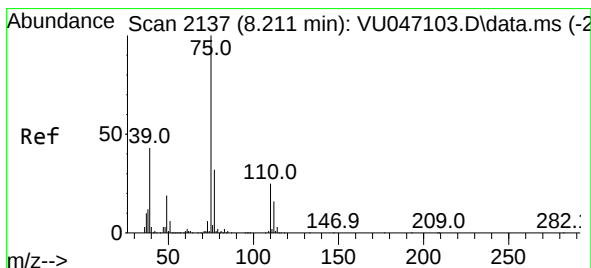
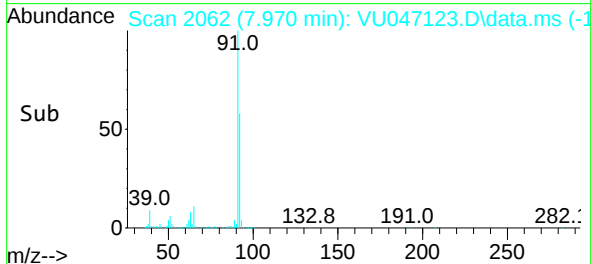
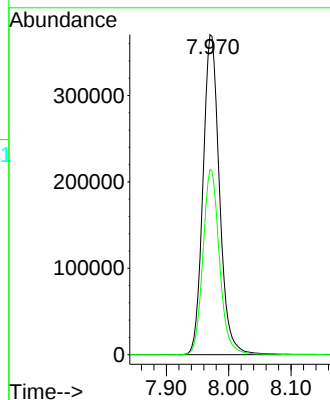
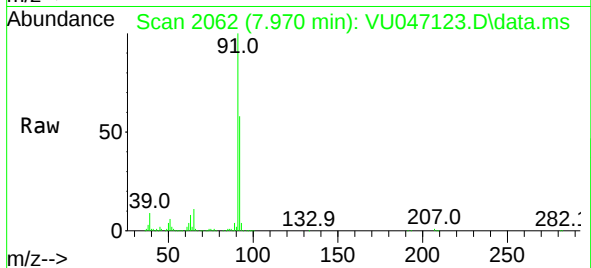
ClientSampleId :

Tgt Ion: 91 Resp: 679700

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 49.049 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047123.D

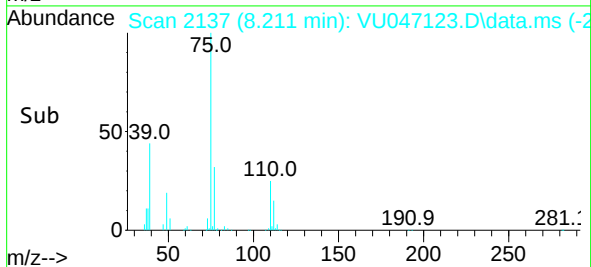
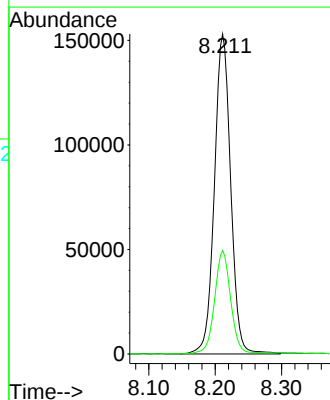
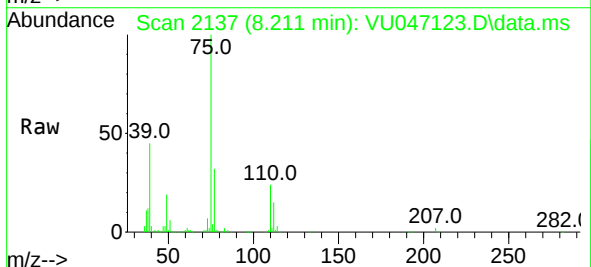
Acq: 11 Feb 2022 18:18

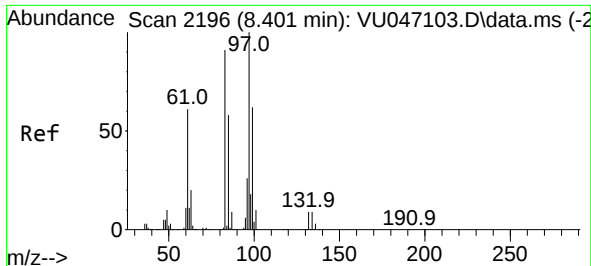
Tgt Ion: 75 Resp: 261172

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8

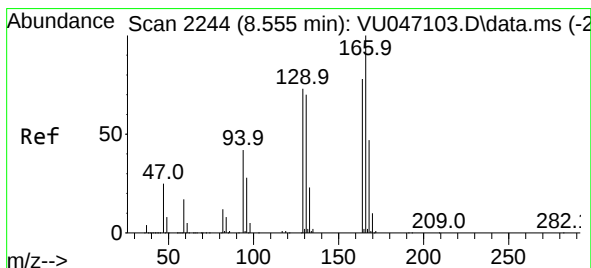
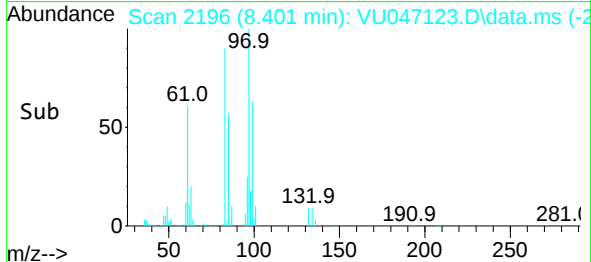
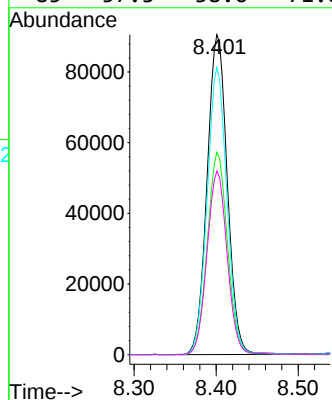
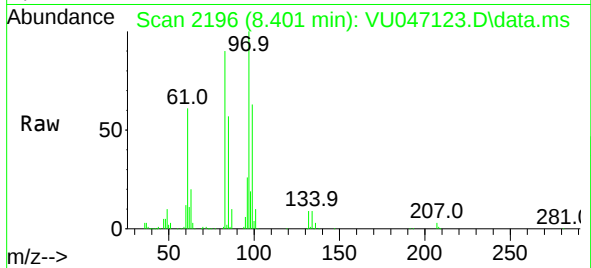




#45
1,1,2-Trichloroethane
Concen: 48.191 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

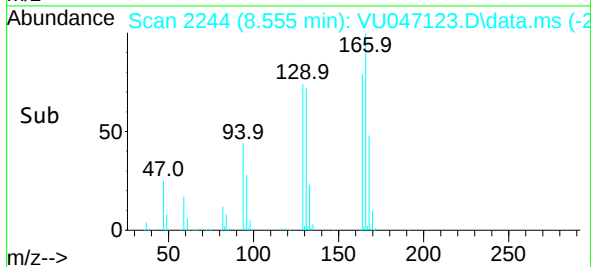
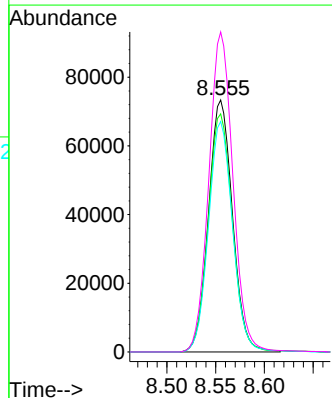
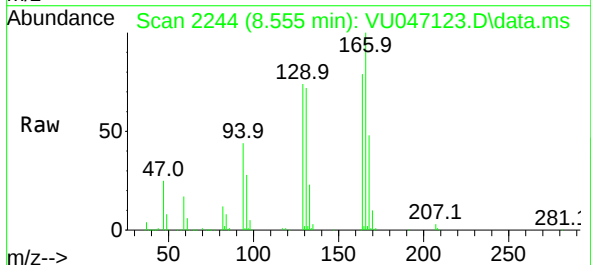
Instrument :
MSVOA_U
ClientSampleId :

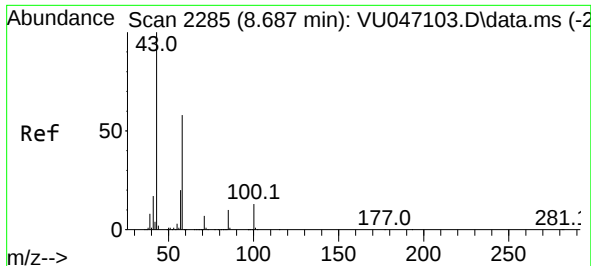
Tgt Ion: 97	Resp: 154765
Ion Ratio	Lower Upper
97 100	
99 63.2	42.4 78.8
83 89.8	59.4 110.4
85 57.3	38.6 71.8



#46
Tetrachloroethene
Concen: 47.300 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

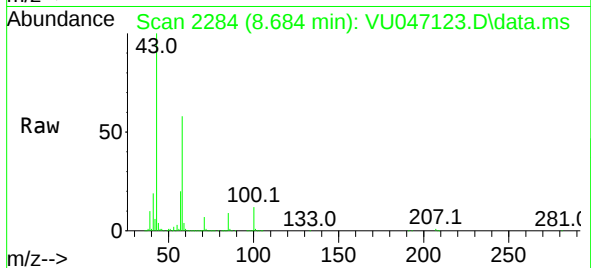
Tgt	Ion:164	Resp:	125817
Ion	Ratio	Lower	Upper
164	100		
129	94.5	69.5	129.1
131	91.5	67.0	124.4
166	127.0	90.6	168.2



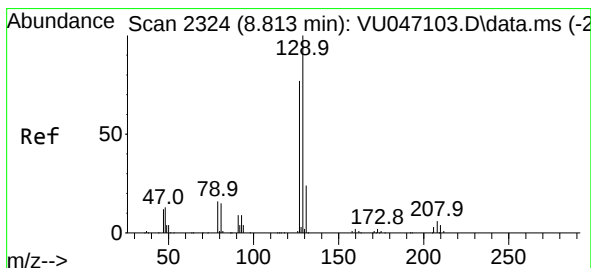
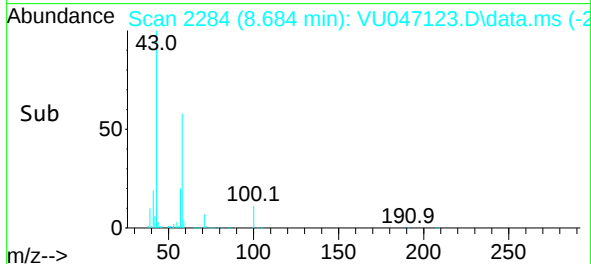
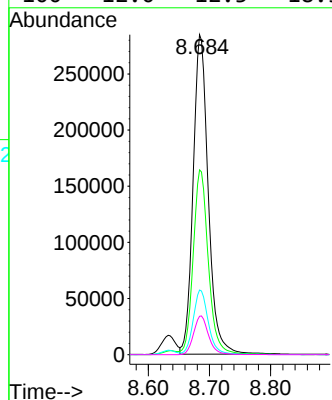


#48
2-Hexanone
Concen: 109.574 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Instrument :
MSVOA_U
ClientSampleId :

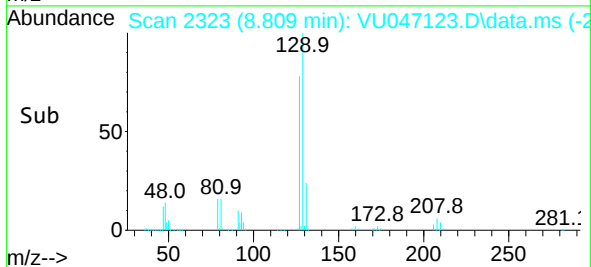
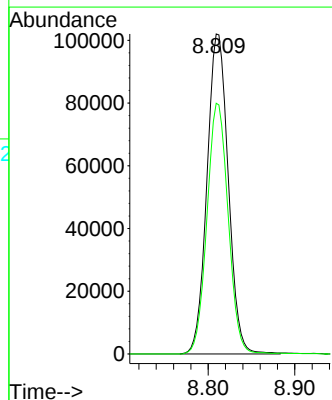
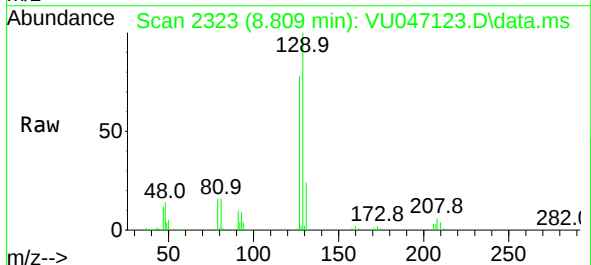


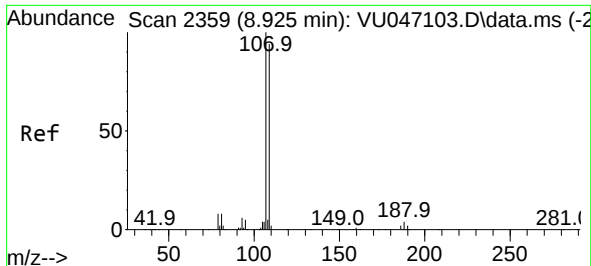
Tgt Ion: 43 Resp: 489297
Ion Ratio Lower Upper
43 100
58 58.3 49.4 74.2
57 19.8 17.5 26.3
100 12.0 12.3 18.5#



#49
Dibromochloromethane
Concen: 46.903 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 129 Resp: 174273
Ion Ratio Lower Upper
129 100
127 78.4 54.5 101.3





#50

1,2-Dibromoethane

Concen: 48.712 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

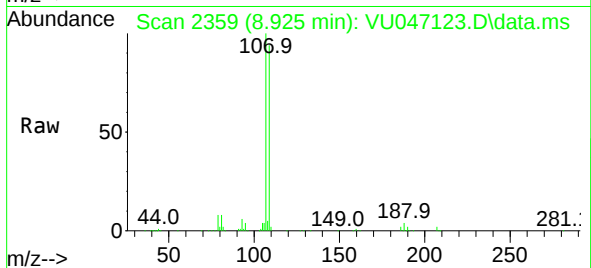
Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :



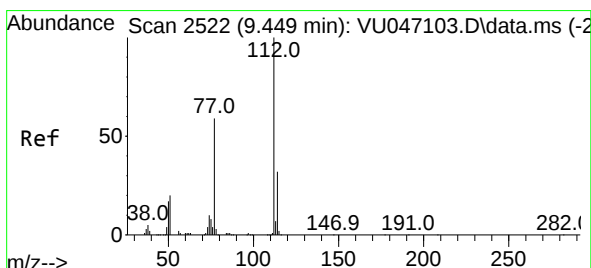
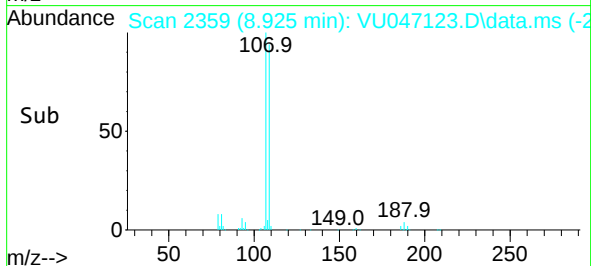
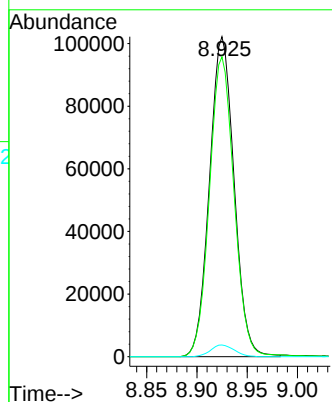
Tgt Ion:107 Resp: 173774

Ion Ratio Lower Upper

107 100

109 93.7 65.6 121.8

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 48.269 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

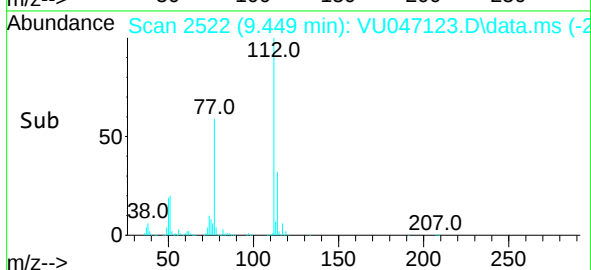
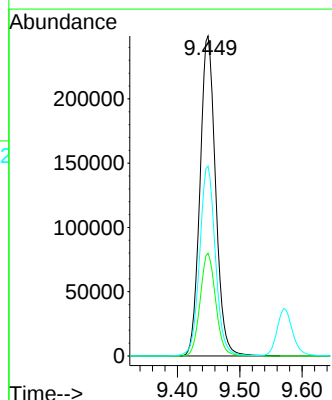
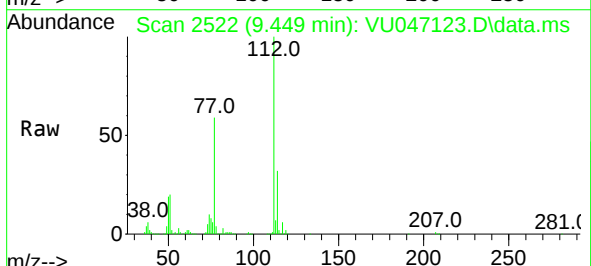
Tgt Ion:112 Resp: 432734

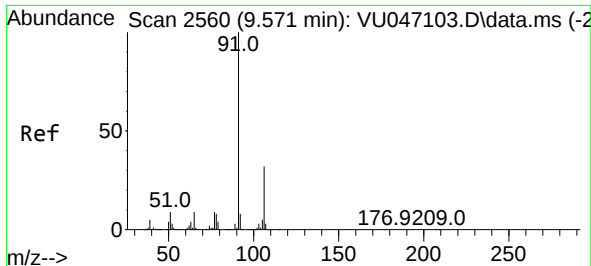
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 59.4 46.5 69.7

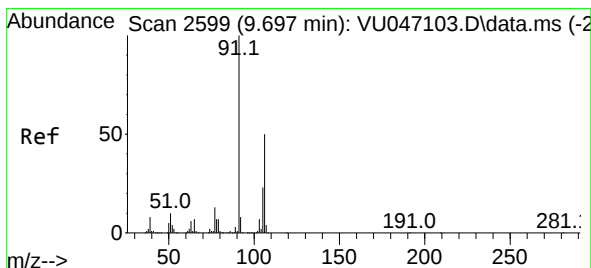
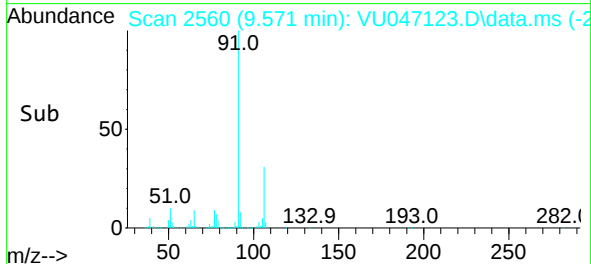
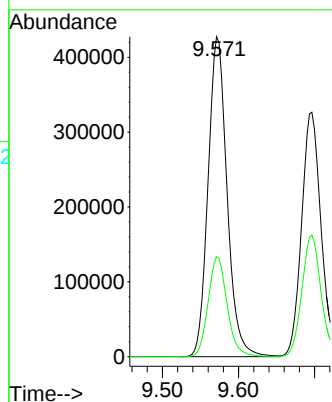
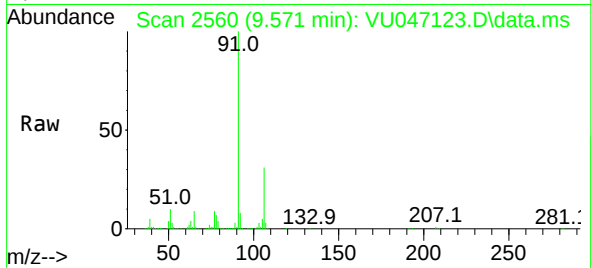




#52
Ethylbenzene
Concen: 48.448 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

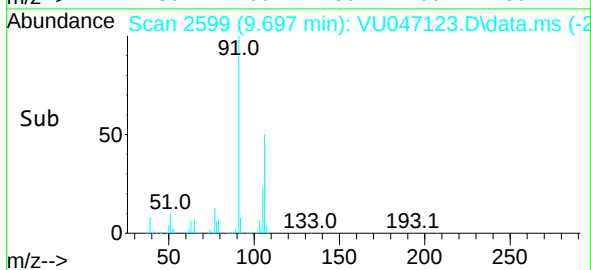
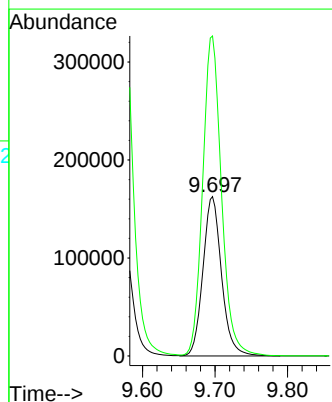
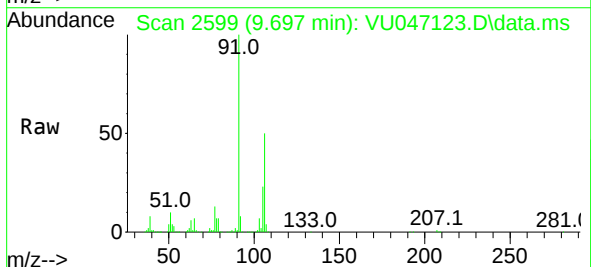
Instrument :
MSVOA_U
ClientSampleId :

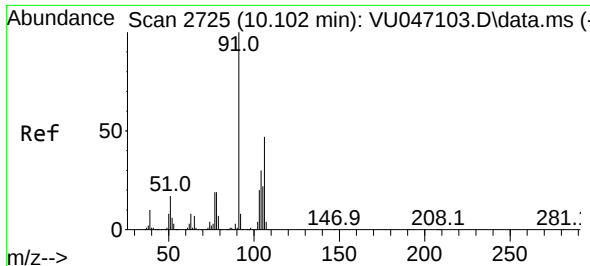
Tgt Ion: 91 Resp: 741357
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 47.792 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion: 106 Resp: 290154
Ion Ratio Lower Upper
106 100
91 200.7 145.5 270.1

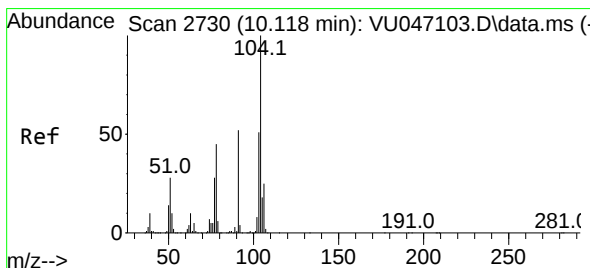
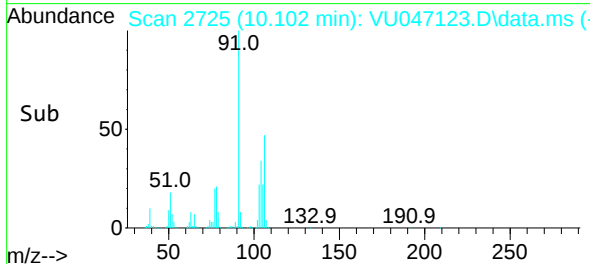
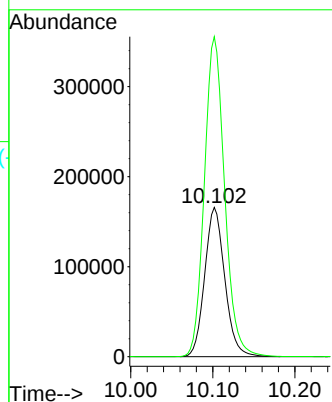
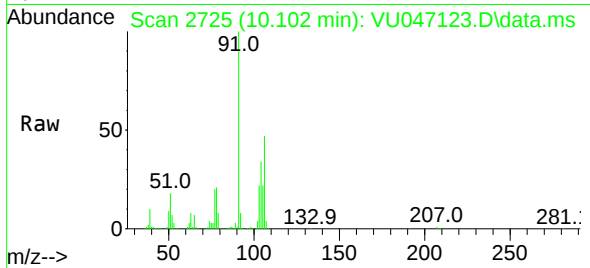




#54
o-xylene
Concen: 47.237 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

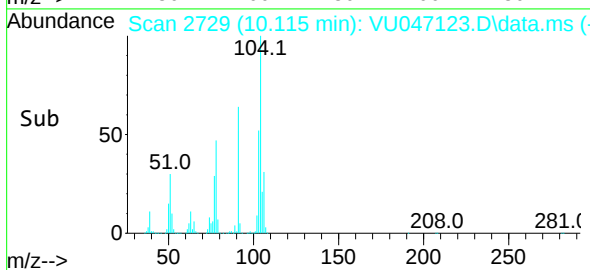
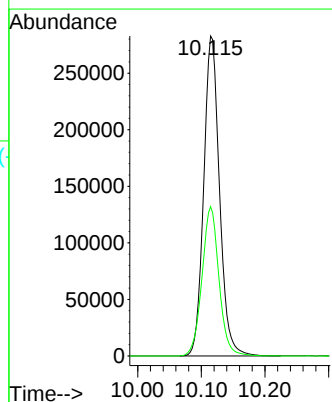
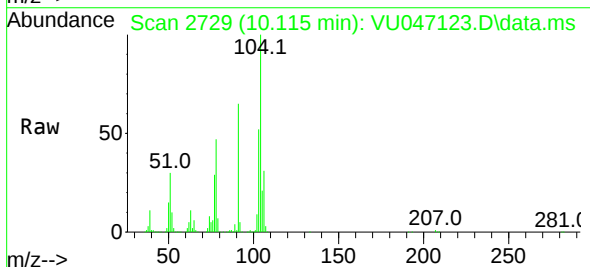
Instrument :
MSVOA_U
ClientSampleId :

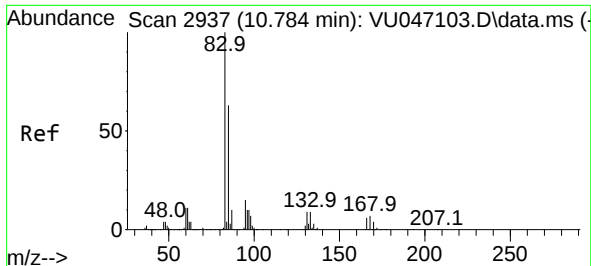
Tgt Ion:106 Resp: 282368
Ion Ratio Lower Upper
106 100
91 214.4 152.0 282.2



#55
Styrene
Concen: 47.451 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion:104 Resp: 488064
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 50.226 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

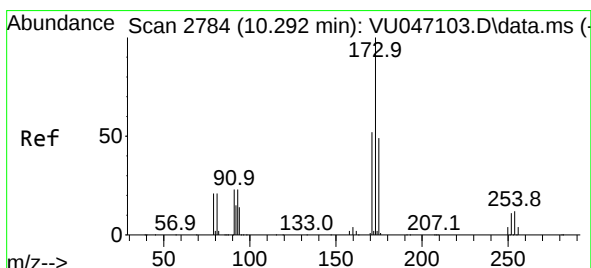
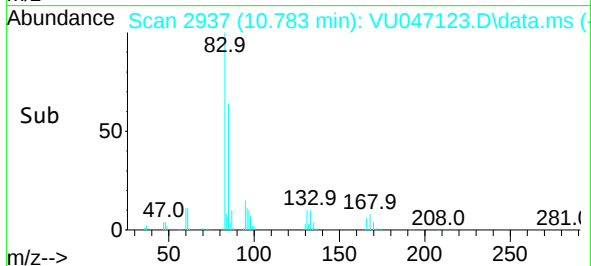
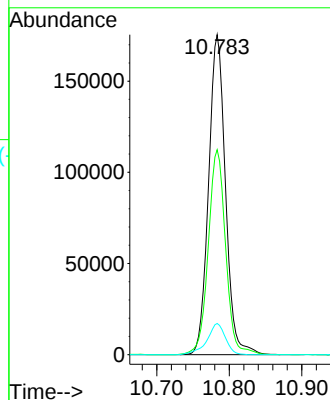
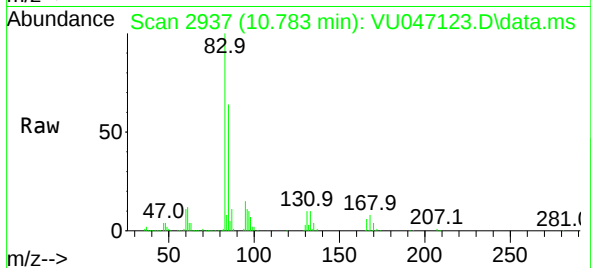
Tgt Ion: 83 Resp: 284363

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

131 9.8 7.8 11.6



#59

Bromoform

Concen: 47.155 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

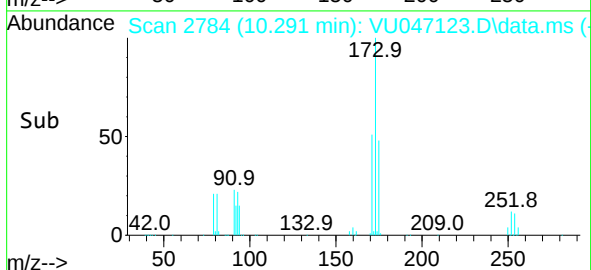
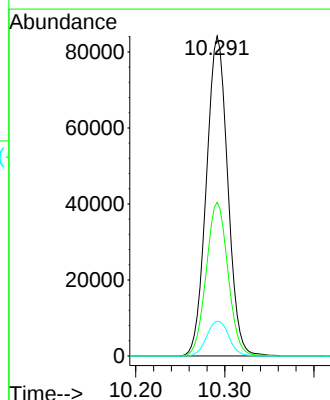
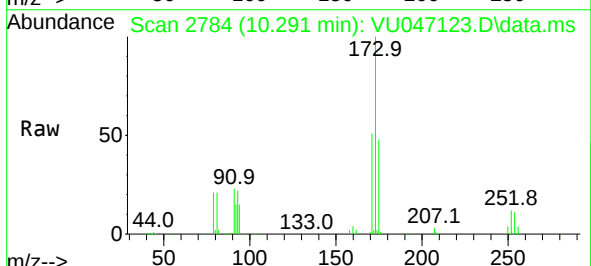
Tgt Ion: 173 Resp: 140095

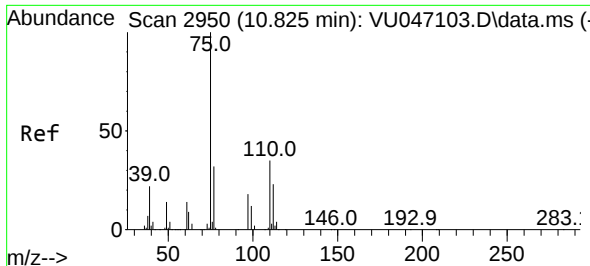
Ion Ratio Lower Upper

173 100

175 49.0 37.6 56.4

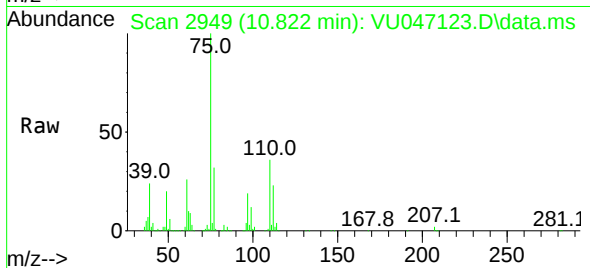
254 11.3 8.1 12.1



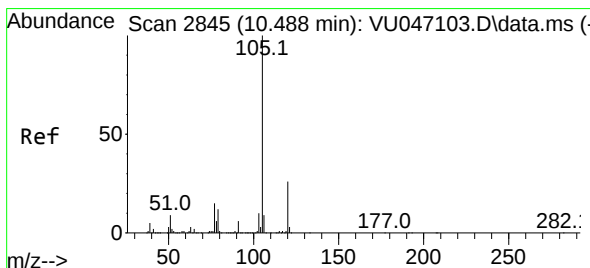
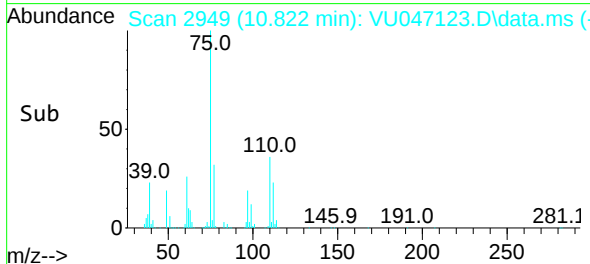
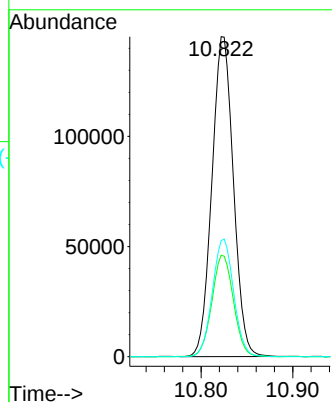


#60
 1,2,3-Trichloropropane
 Concen: 50.596 ug/L
 RT: 10.822 min Scan# 2950
 Delta R.T. -0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

Instrument :
 MSVOA_U
 ClientSampleId :

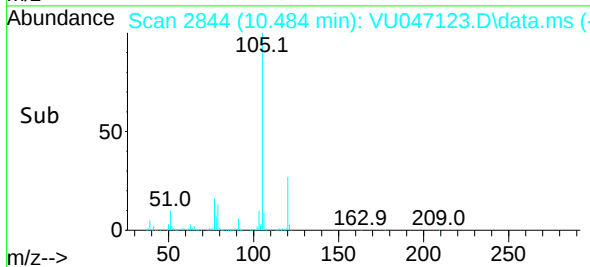
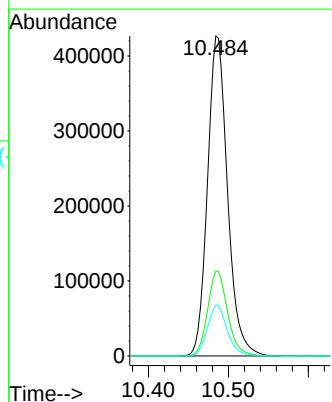
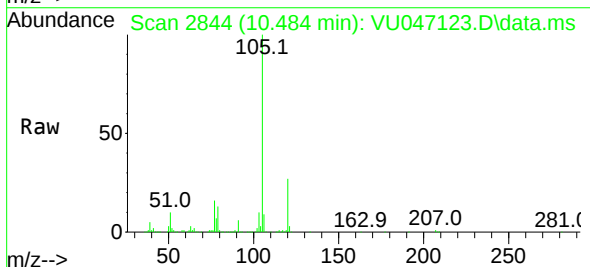


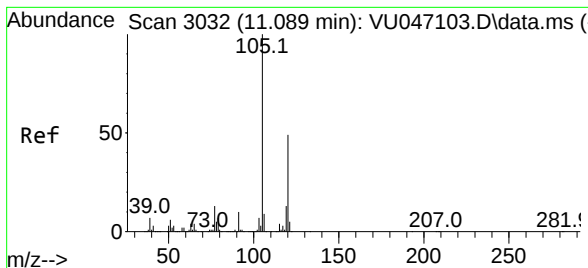
Tgt Ion: 75 Resp: 236034
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 110 36.4 32.5 48.7



#61
 Isopropylbenzene
 Concen: 48.239 ug/L
 RT: 10.484 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

Tgt Ion: 105 Resp: 742091
 Ion Ratio Lower Upper
 105 100
 120 26.5 20.6 31.0
 77 15.8 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 46.992 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

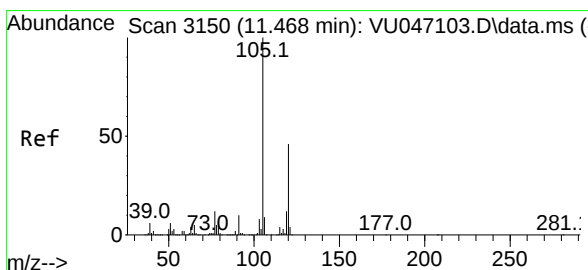
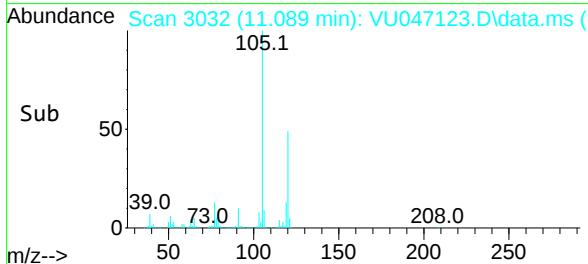
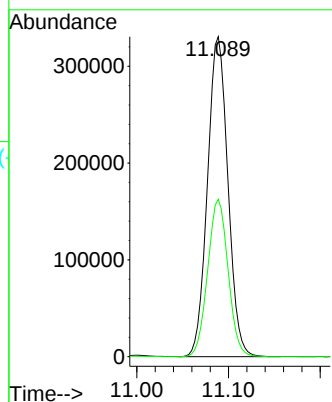
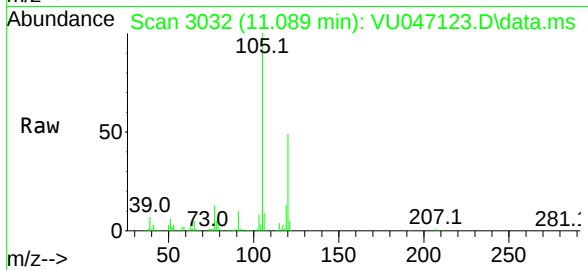
ClientSampleId :

Tgt Ion:105 Resp: 512343

Ion Ratio Lower Upper

105 100

120 49.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 47.455 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047123.D

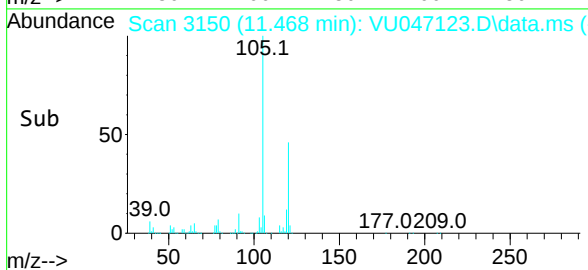
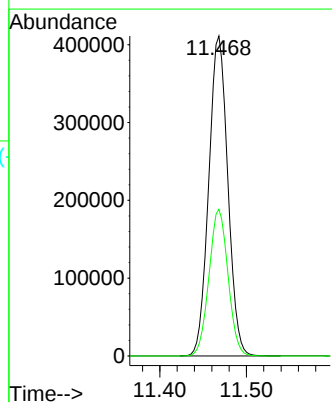
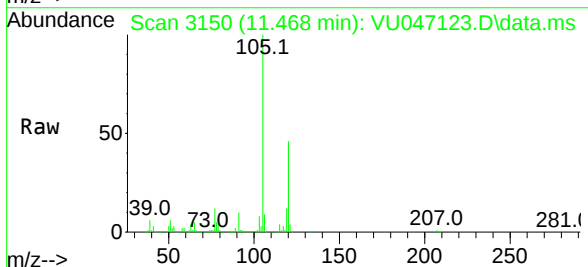
Acq: 11 Feb 2022 18:18

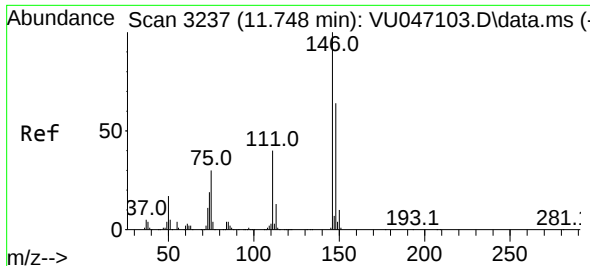
Tgt Ion:105 Resp: 628167

Ion Ratio Lower Upper

105 100

120 45.7 35.4 53.2

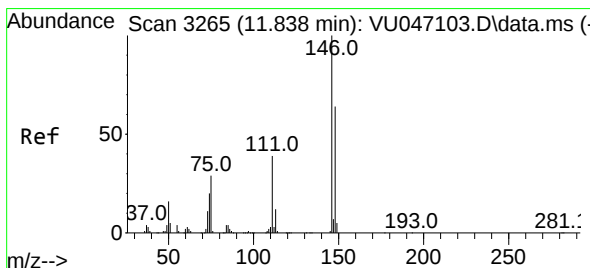
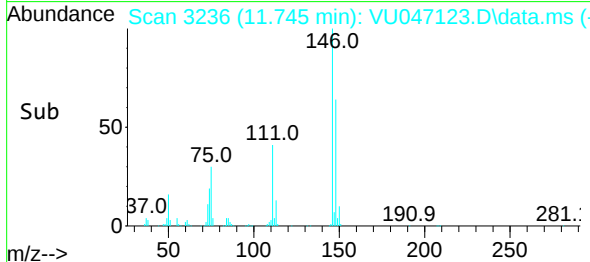
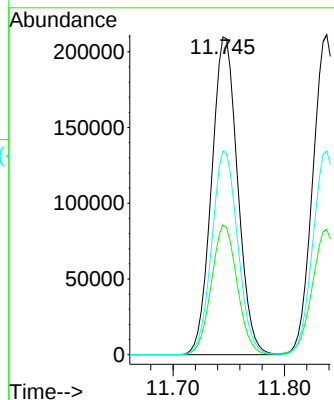
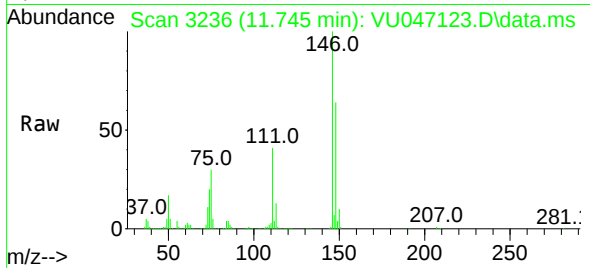




#64
1,3-Dichlorobenzene
Concen: 47.520 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

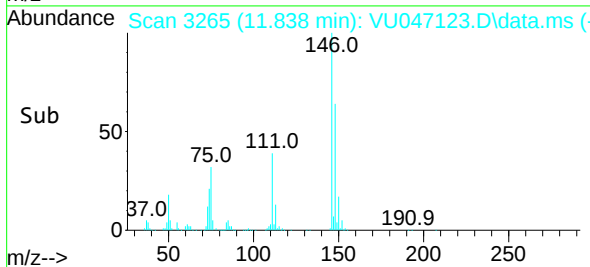
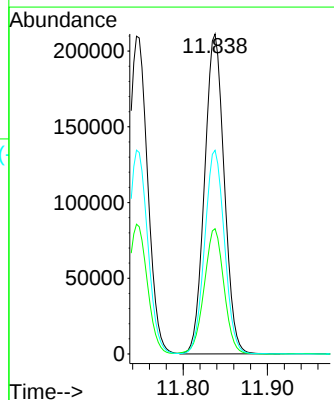
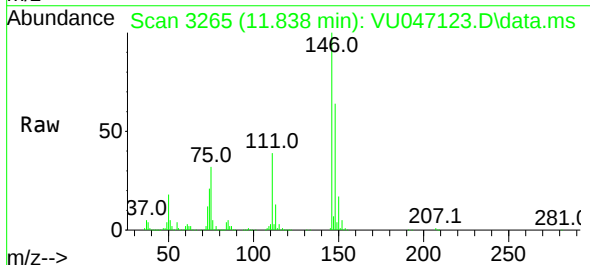
Instrument :
MSVOA_U
ClientSampleId :

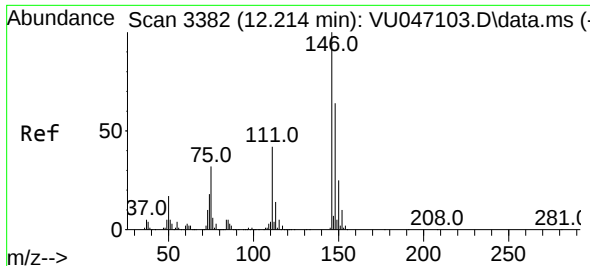
Tgt Ion:146 Resp: 341102
Ion Ratio Lower Upper
146 100
111 40.9 29.4 54.6
148 64.1 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 47.459 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047123.D
Acq: 11 Feb 2022 18:18

Tgt Ion:146 Resp: 342448
Ion Ratio Lower Upper
146 100
111 39.1 28.9 53.7
148 63.7 44.5 82.7

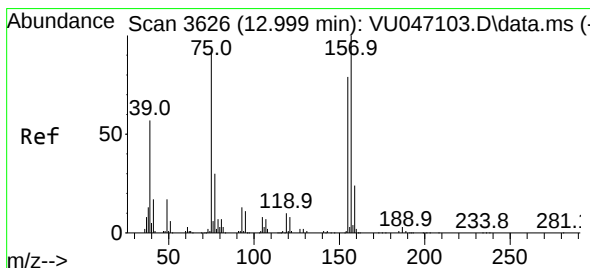
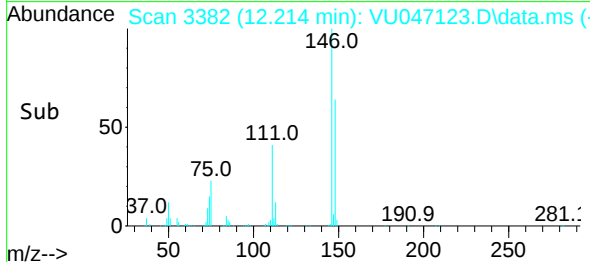
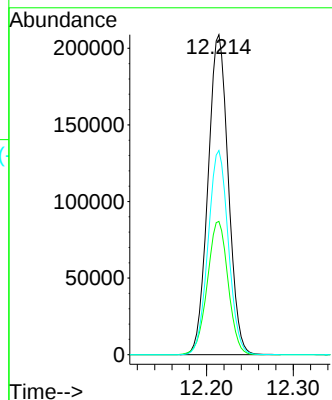
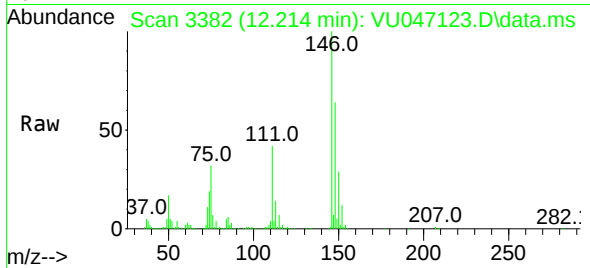




#67
 1,2-Dichlorobenzene
 Concen: 47.586 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. -0.000 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

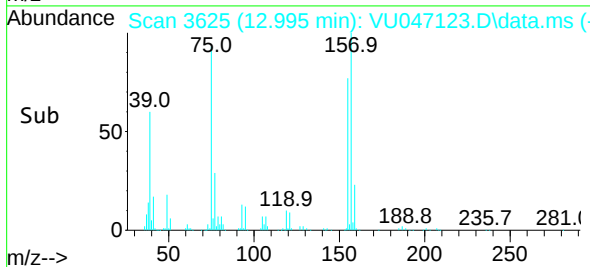
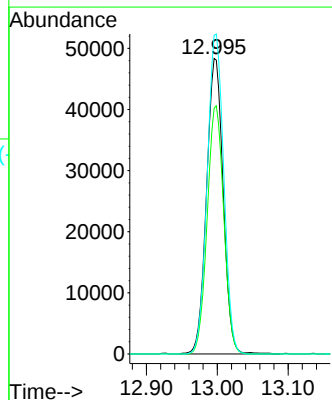
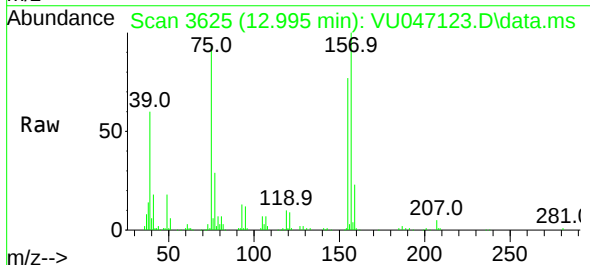
Instrument :
 MSVOA_U
 ClientSampleId :

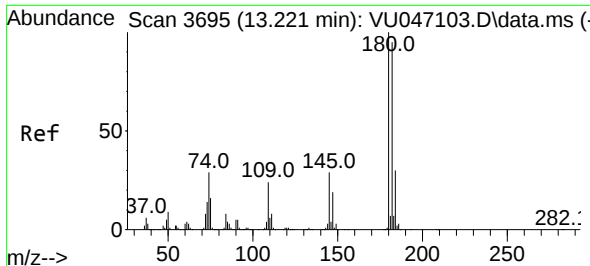
Tgt Ion:146 Resp: 339924
 Ion Ratio Lower Upper
 146 100
 111 41.7 34.2 51.4
 148 63.8 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 52.999 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

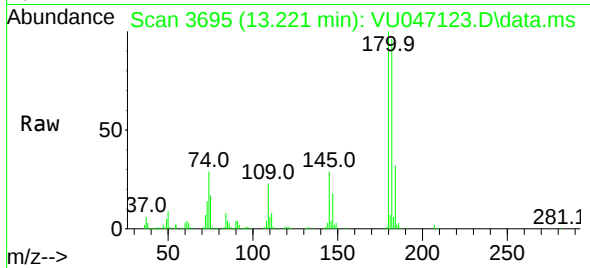
Tgt Ion: 75 Resp: 78771
 Ion Ratio Lower Upper
 75 100
 155 83.2 65.0 97.4
 157 107.8 79.7 119.5



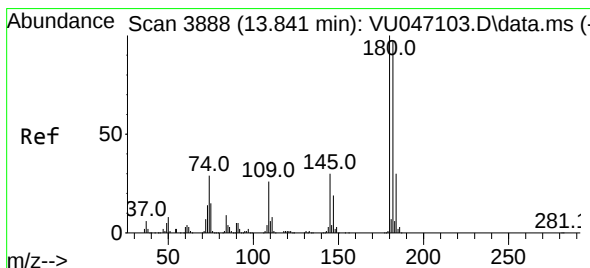
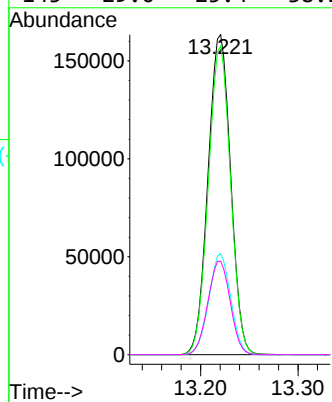
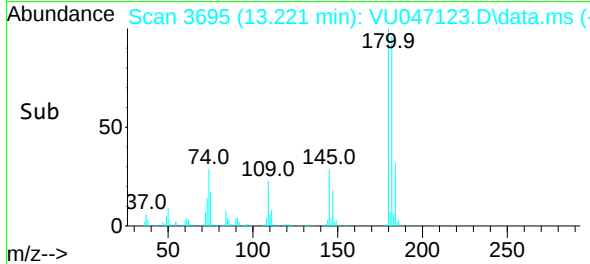


#69
 1,3,5-Trichlorobenzene
 Concen: 47.423 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18

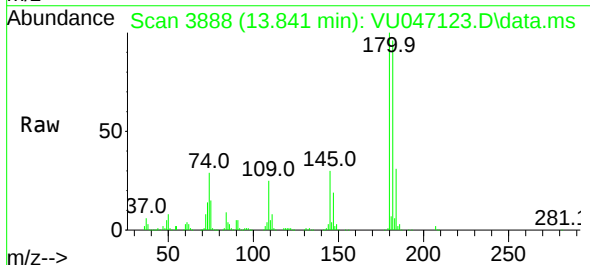
Instrument :
 MSVOA_U
 ClientSampleId :



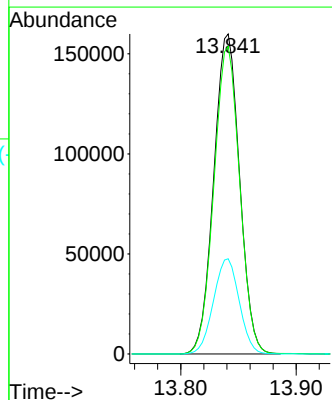
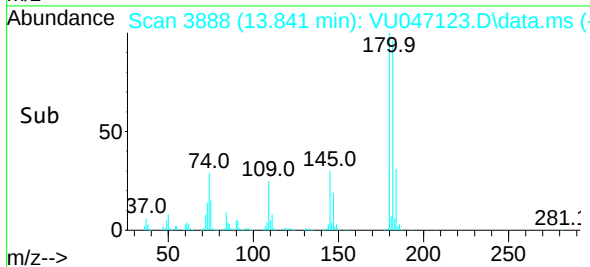
Tgt Ion:180 Resp: 263251
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.0 115.6
 184 30.5 24.7 37.1
 145 29.0 25.4 38.2

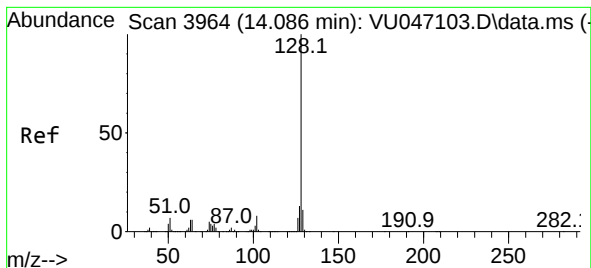


#70
 1,2,4-trichlorobenzene
 Concen: 47.184 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047123.D
 Acq: 11 Feb 2022 18:18



Tgt Ion:180 Resp: 248290
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.6 114.8
 145 29.7 25.2 37.8





#71

Naphthalene

Concen: 48.465 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

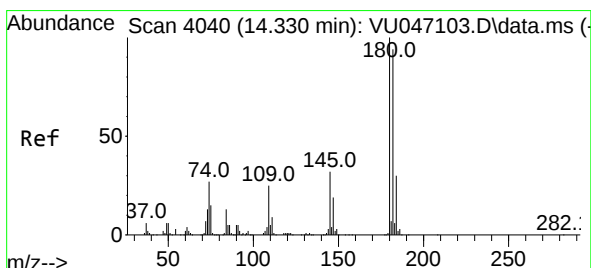
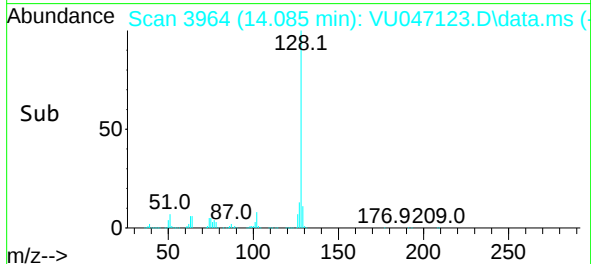
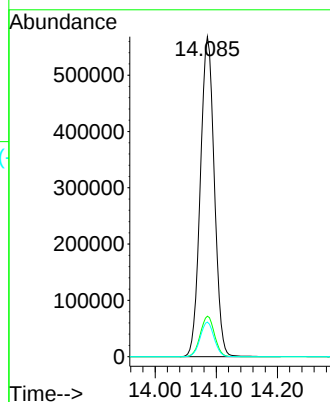
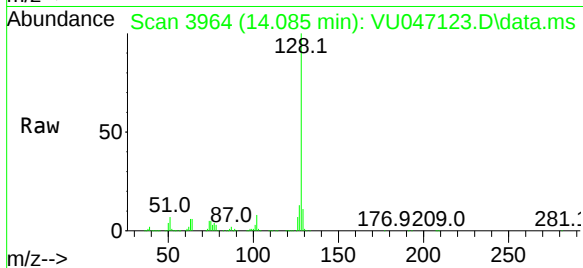
Tgt Ion:128 Resp: 902877

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.756 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047123.D

Acq: 11 Feb 2022 18:18

Tgt Ion:180 Resp: 250220

Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 31.5 27.4 41.2

