

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046140.D
 Acq On : 07 Dec 2021 15:03
 Operator : SY/MD
 Sample : M4960-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:53:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	50717	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	48849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	27458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86976	208.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 416.380%#	
7) Chloroethane-d5	1.919	69	62616	195.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 390.420%#	
11) 1,1-Dichloroethene-d2	2.571	63	118683	158.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 316.500%#	
21) 2-Butanone-d5	4.636	46	189200	569.682	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 569.680%#	
24) Chloroform-d	5.066	84	150297	215.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 430.860%#	
26) 1,2-Dichloroethane-d4	5.703	65	96151	205.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 410.720%#	
32) Benzene-d6	5.732	84	321162	229.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 458.780%#	
36) 1,2-Dichloropropane-d6	6.693	67	97495	224.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 449.380%#	
41) Toluene-d8	7.899	98	300055	235.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 470.760%#	
43) trans-1,3-Dichloroprop...	8.179	79	48799	232.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 465.940%#	
47) 2-Hexanone-d5	8.632	63	141768	689.081	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 689.080%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145576	221.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 442.440%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	116344	220.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 440.040%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	33335	66.986	ug/L #	6
8) Chloroethane	1.607	64	90333	313.512	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1156	3.132	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	1486	4.237	ug/L #	1
13) Acetone	2.652	43	263183	634.067	ug/L	98
14) Carbon disulfide	2.803	76	5880	5.404	ug/L #	93
16) Methylene chloride	3.050	84	2156	5.167	ug/L	90
17) trans-1,2-Dichloroethene	3.359	96	7007	18.881	ug/L	97
19) 1,1-Dichloroethane	3.874	63	63734	94.454	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	640965	1591.758	ug/L	98
22) 2-Butanone	4.716	43	176006	389.527	ug/L	91
27) 1,2-Dichloroethane	5.796	62	81076	145.734	ug/L	98
33) Benzene	5.777	78	1587870	1073.993	ug/L	100
34) Trichloroethene	6.546	95	11632	29.865	ug/L	98
35) Methylcyclohexane	6.767	83	952	1.576	ug/L #	1
37) 1,2-Dichloropropane	6.793	63	428	1.105	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2734	4.640	ug/L #	42
40) 4-Methyl-2-pentanone	7.793	43	49864	87.629	ug/L	98
42) Toluene	7.973	91	3350871	2112.200	ug/L	99

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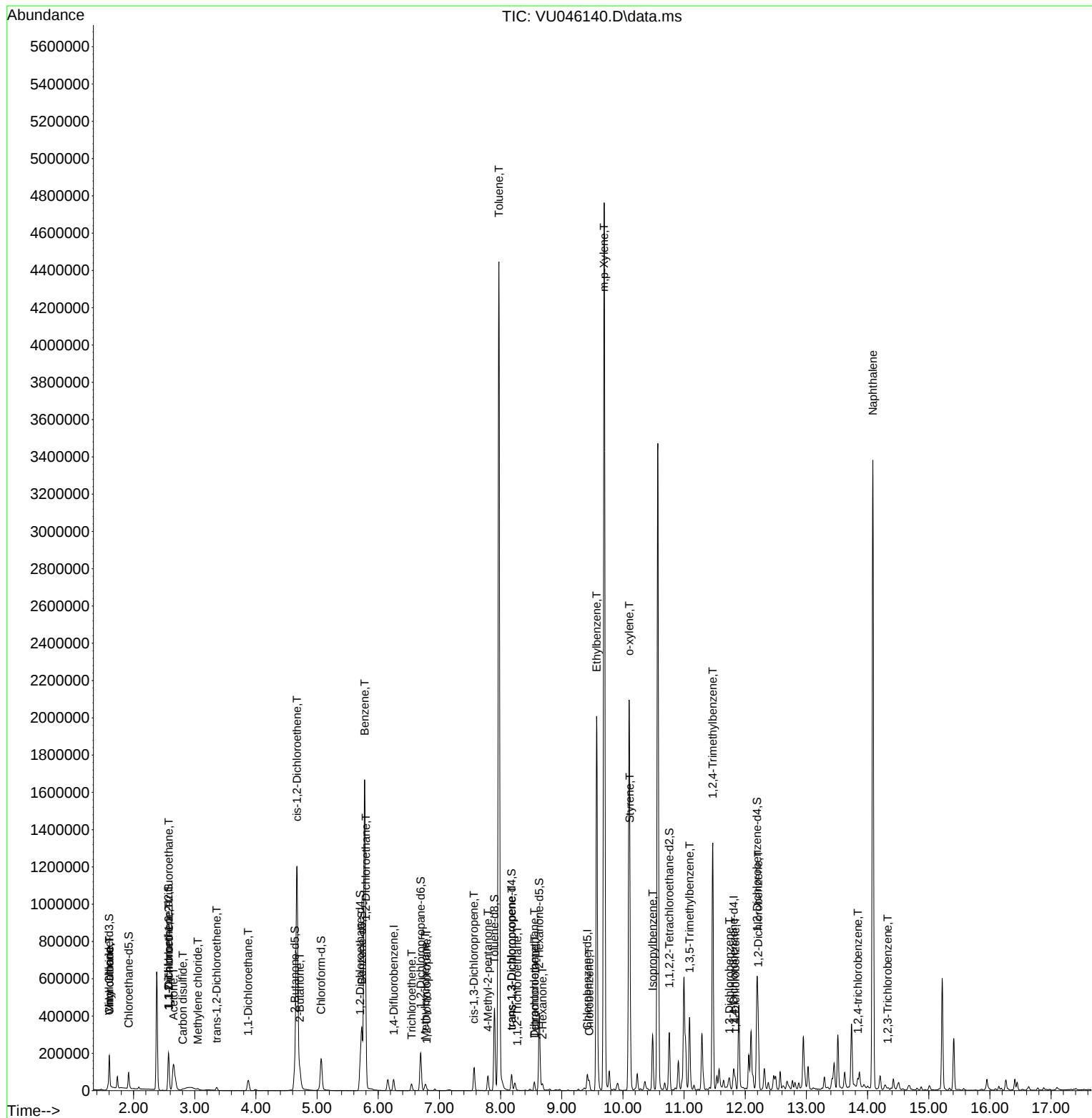
44) trans-1,3-Dichloropropene	8.182	75	1869	3.230	ug/L #	77
45) 1,1,2-Trichloroethane	8.272	97	198	0.510	ug/L #	15
46) Tetrachloroethene	8.555	164	4253	14.859	ug/L	98
48) 2-Hexanone	8.687	43	19201	37.730	ug/L #	95
49) Dibromochloromethane	8.552	129	4303	10.546	ug/L #	10
51) Chlorobenzene	9.449	112	27550	26.843	ug/L	99
52) Ethylbenzene	9.571	91	1443025	845.184	ug/L	98
53) m,p-Xylene	9.693	106	1401362	2104.644	ug/L	99
54) o-xylene	10.102	106	538881	834.069	ug/L	96
55) Styrene	10.115	104	181248	164.314	ug/L	80
61) Isopropylbenzene	10.484	105	199897	111.891	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	205146	137.766	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	735956	493.990	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1010	1.190	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	23298	26.564	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	117156	137.090	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7872	14.346	ug/L #	96
71) Naphthalene	14.085	128	2699896	1413.992	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	2339	4.180	ug/L #	76

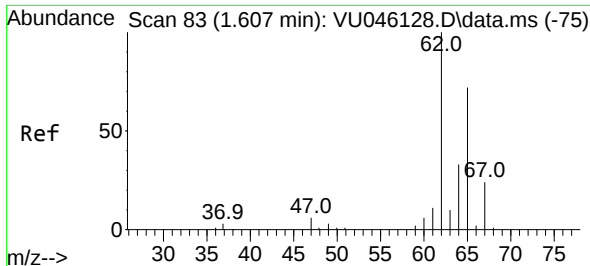
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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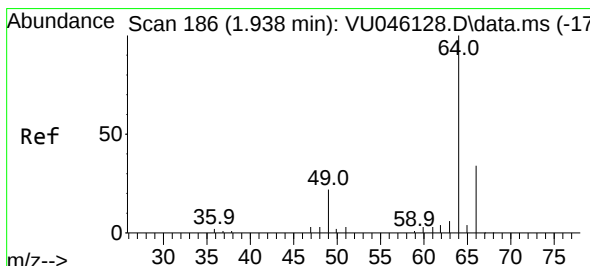
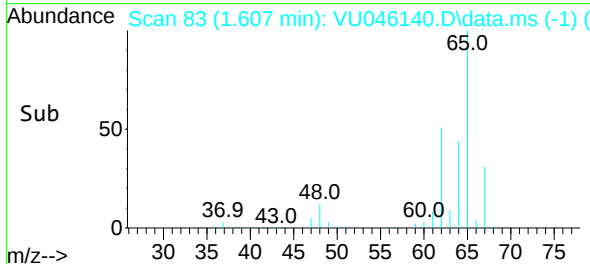
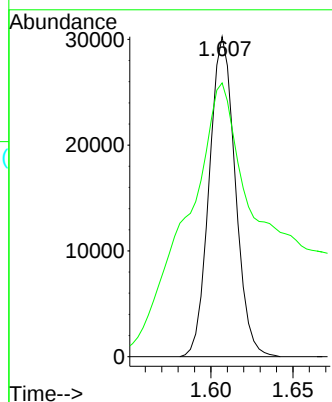
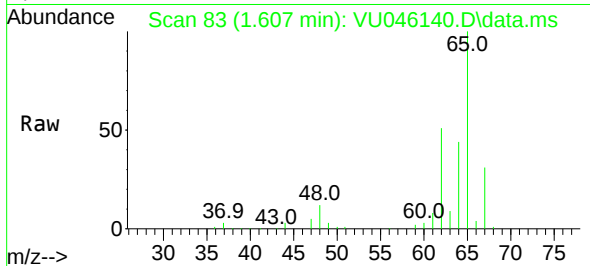




#5
 Vinyl chloride
 Concen: 66.986 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046140.D
 Acq: 07 Dec 2021 15:03

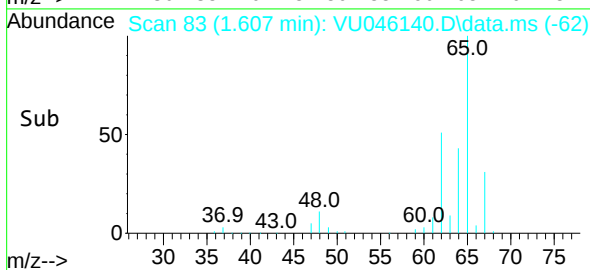
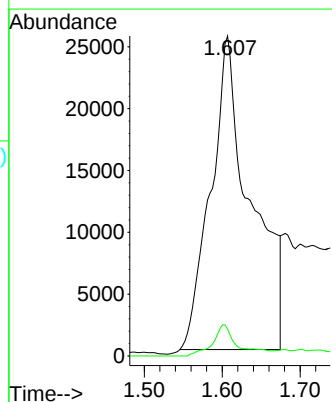
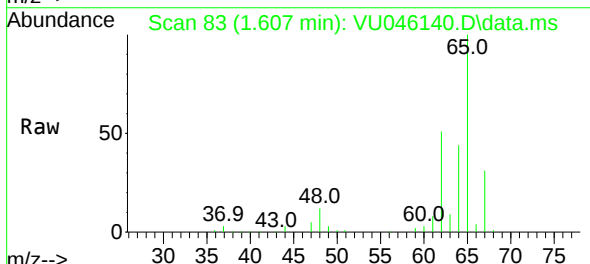
Instrument :
 MSVOA_U
 ClientSampleId :

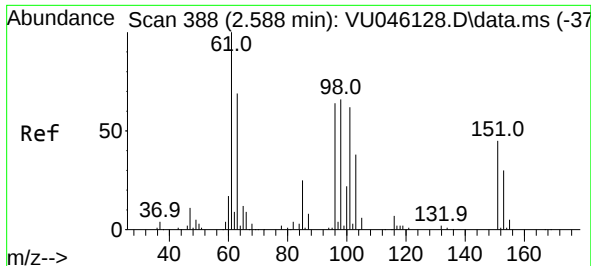
Tgt Ion: 62 Resp: 33335
 Ion Ratio Lower Upper
 62 100
 64 85.5 22.9 42.5#



#8
 Chloroethane
 Concen: 313.512 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.331 min
 Lab File: VU046140.D
 Acq: 07 Dec 2021 15:03

Tgt Ion: 64 Resp: 90333
 Ion Ratio Lower Upper
 64 100
 66 8.4 22.5 41.9#

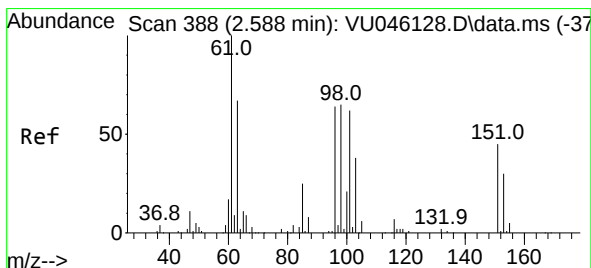
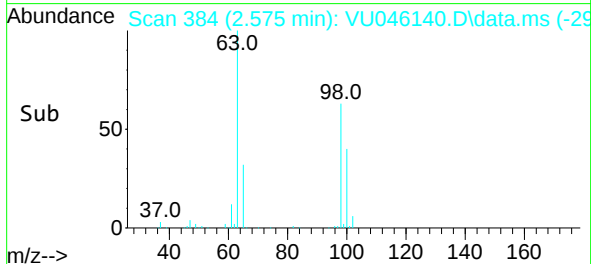
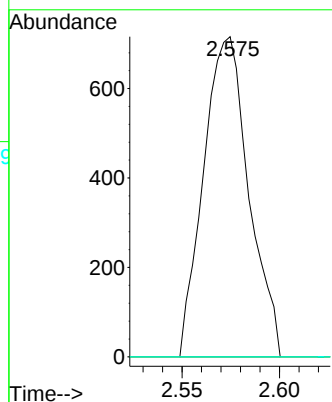
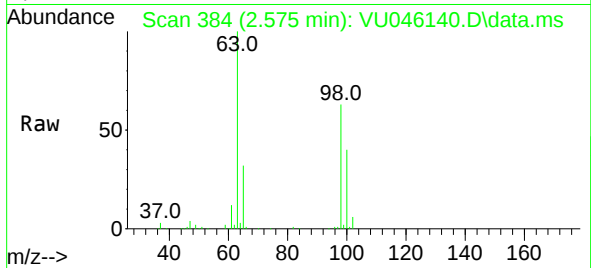




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.132 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046140.D
 Acq: 07 Dec 2021 15:03

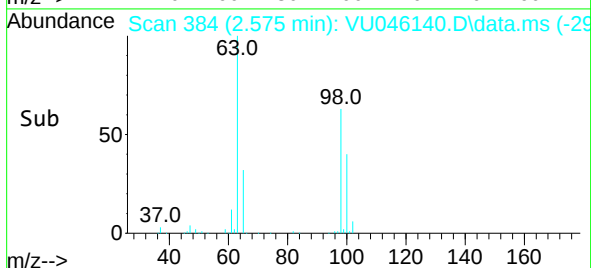
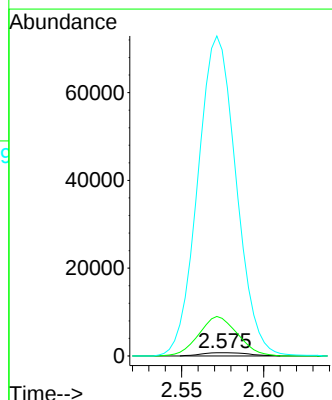
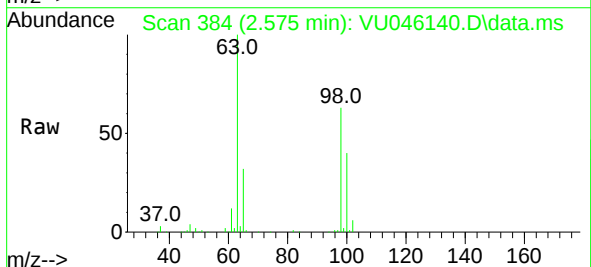
Instrument :
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 ClientSampleId :

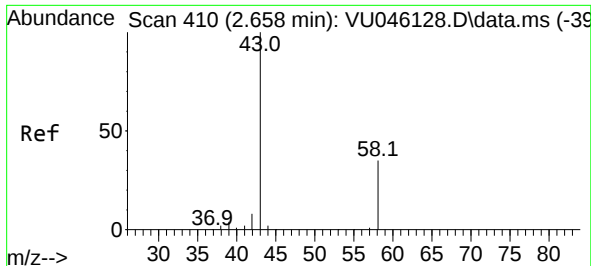
Tgt Ion:101 Resp: 1156
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 4.237 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046140.D
 Acq: 07 Dec 2021 15:03

Tgt Ion: 96 Resp: 1486
 Ion Ratio Lower Upper
 96 100
 61 1148.6 118.6 220.2#
 63 9362.7 93.0 172.8#





#13

Acetone

Concen: 634.067 ug/L

RT: 2.652 min Scan# 410

Delta R.T. -0.010 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

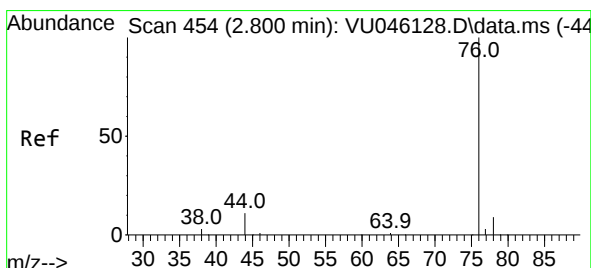
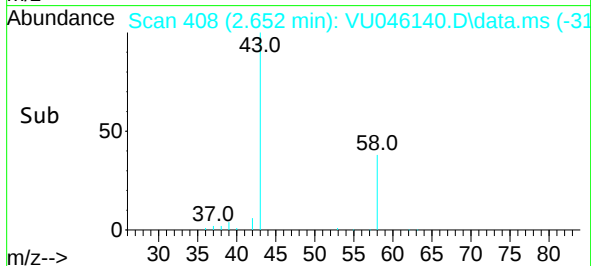
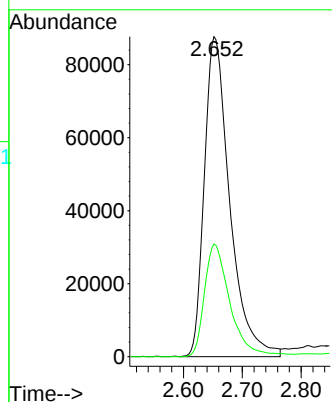
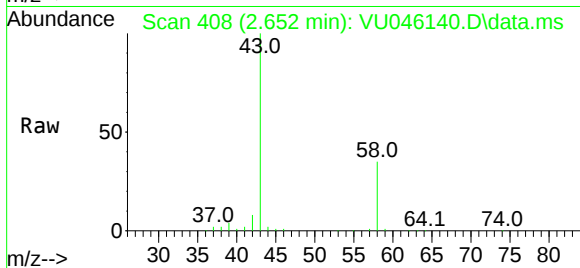
ClientSampleId :

Tgt Ion: 43 Resp: 263183

Ion Ratio Lower Upper

43 100

58 34.8 0.0 66.8



#14

Carbon disulfide

Concen: 5.404 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046140.D

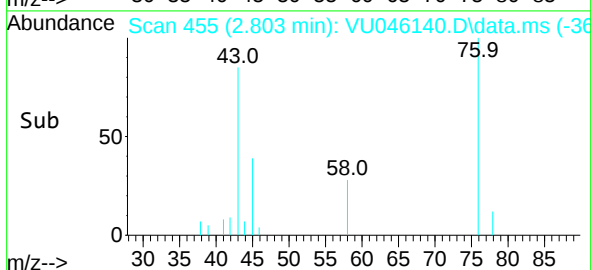
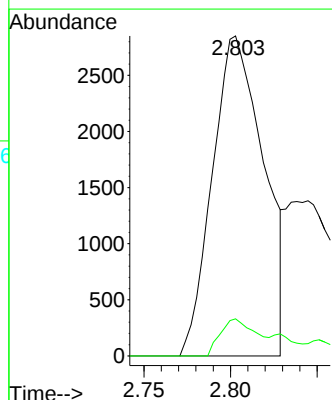
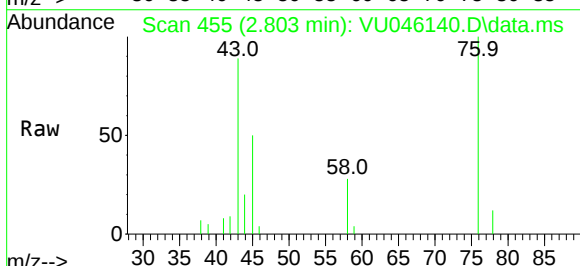
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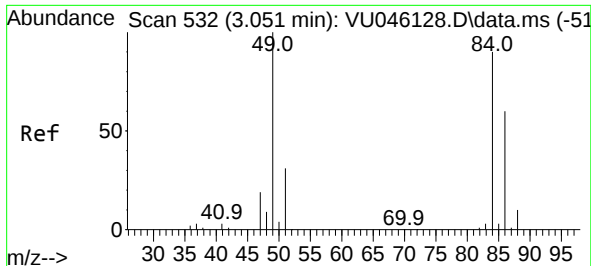
Tgt Ion: 76 Resp: 5880

Ion Ratio Lower Upper

76 100

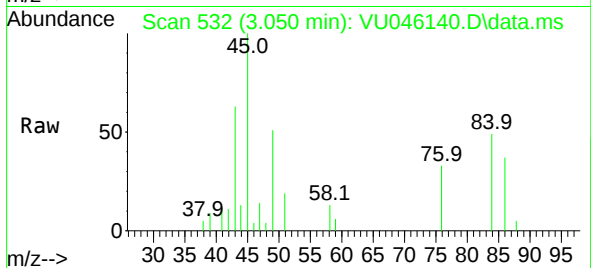
78 11.6 7.3 10.9#





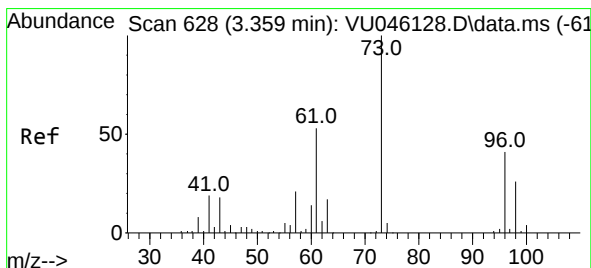
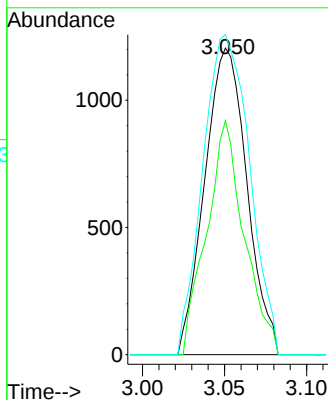
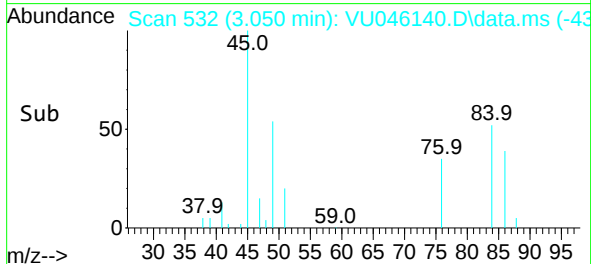
#16
Methylene chloride
Concen: 5.167 ug/L
RT: 3.050 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :

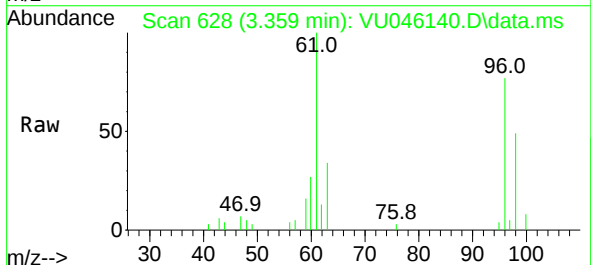


Tgt Ion: 84 Resp: 2156

Ion	Ratio	Lower	Upper
84	100		
86	76.3	44.7	83.1
49	104.4	78.4	145.6

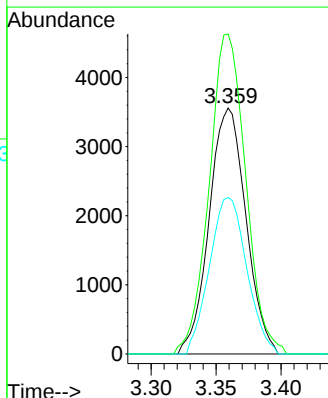
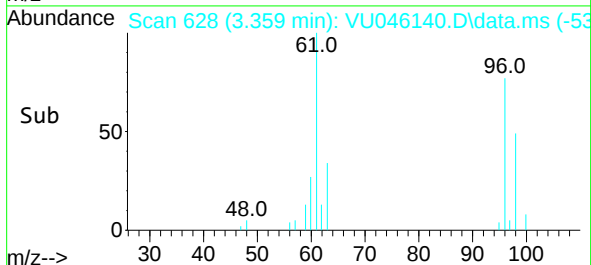


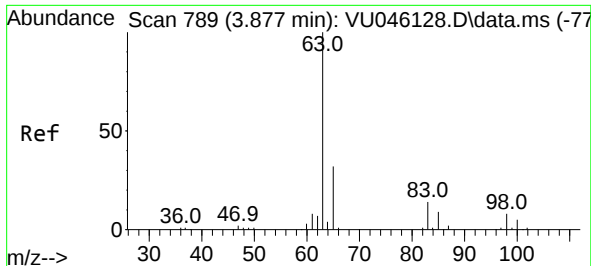
#17
trans-1,2-Dichloroethene
Concen: 18.881 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03



Tgt Ion: 96 Resp: 7007

Ion	Ratio	Lower	Upper
96	100		
61	130.1	94.6	175.6
98	63.7	44.0	81.8





#19

1,1-Dichloroethane

Concen: 94.454 ug/L

RT: 3.874 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU046140.D

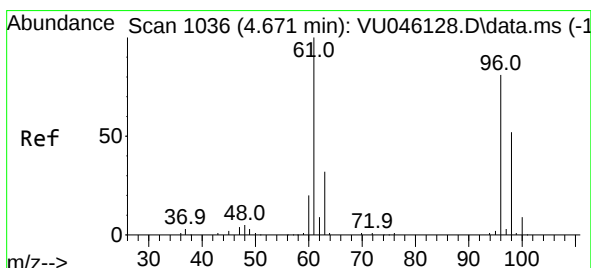
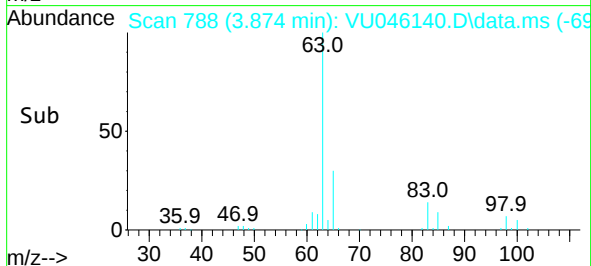
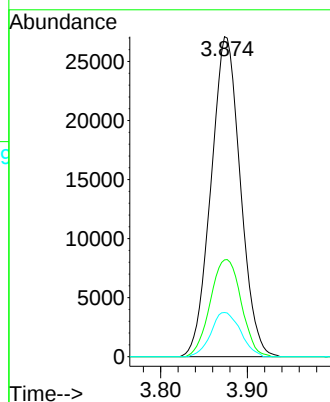
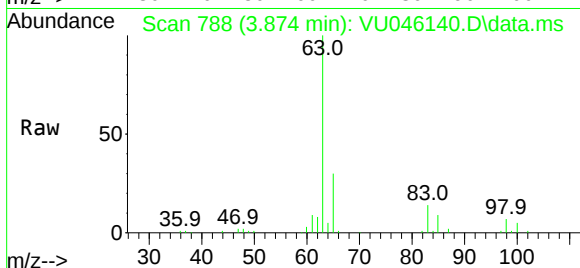
Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 63734
Ion Ratio	Lower Upper
63 100	
65 30.2	22.8 42.4
83 13.8	9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 1591.758 ug/L

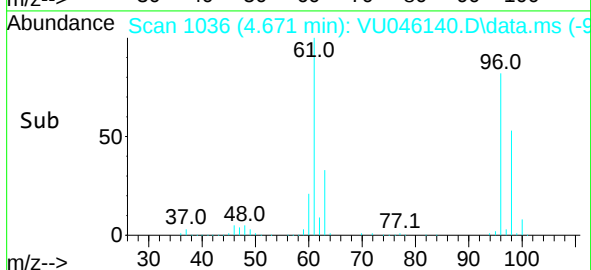
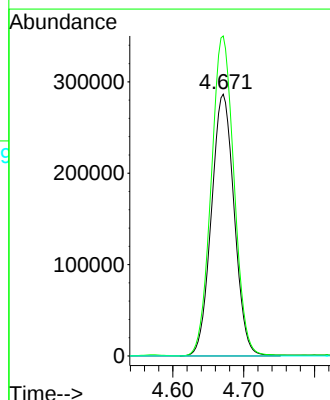
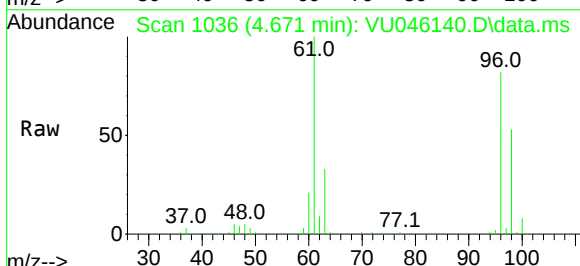
RT: 4.671 min Scan# 1036

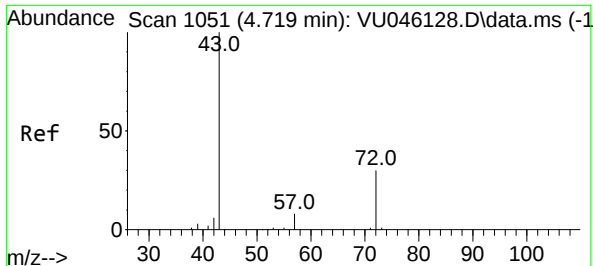
Delta R.T. -0.000 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Tgt Ion: 96	Resp: 640965
Ion Ratio	Lower Upper
96 100	
61 122.3	86.8 161.2
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 389.527 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.007 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

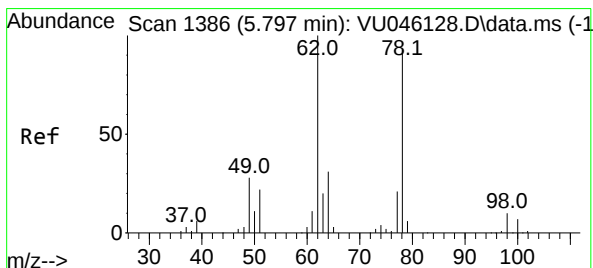
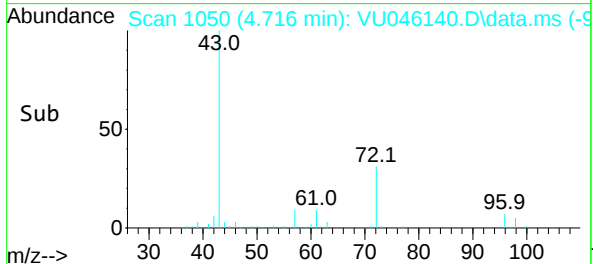
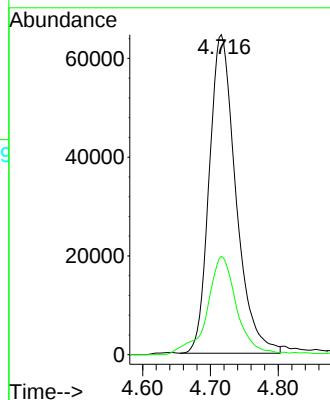
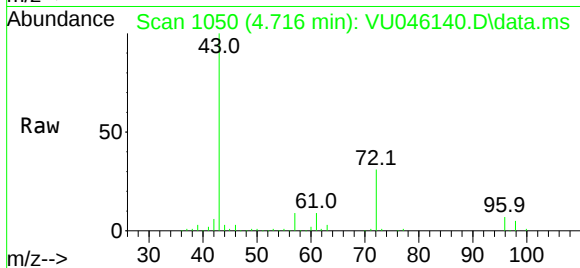
ClientSampleId :

Tgt Ion: 43 Resp: 176006

Ion Ratio Lower Upper

43 100

72 33.8 14.5 43.6



#27

1,2-Dichloroethane

Concen: 145.734 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046140.D

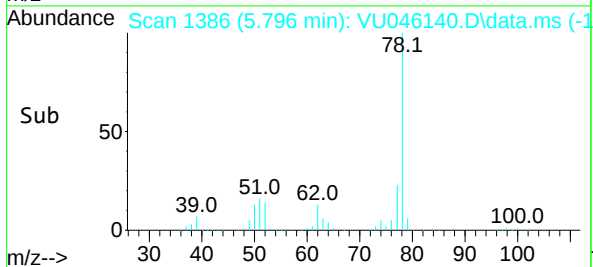
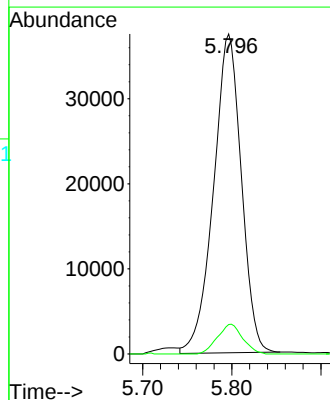
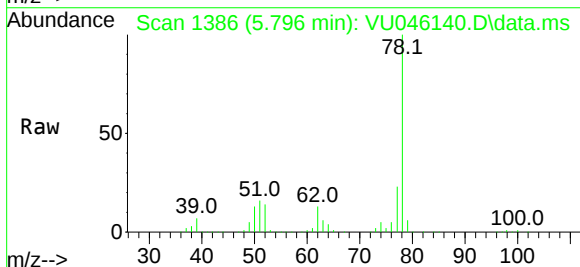
Acq: 07 Dec 2021 15:03

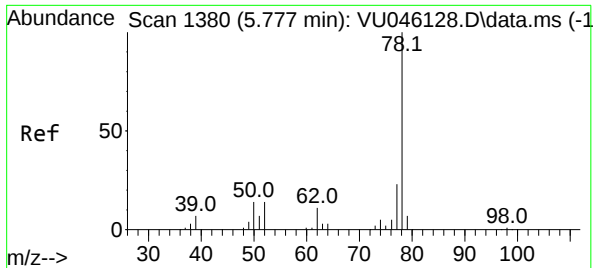
Tgt Ion: 62 Resp: 81076

Ion Ratio Lower Upper

62 100

98 9.2 7.9 11.9

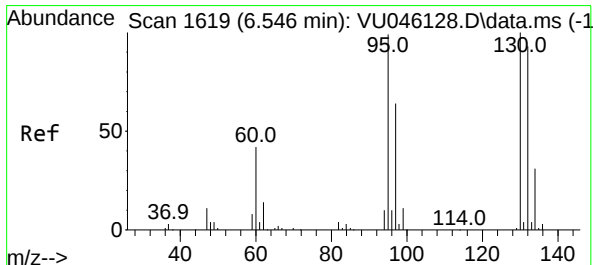
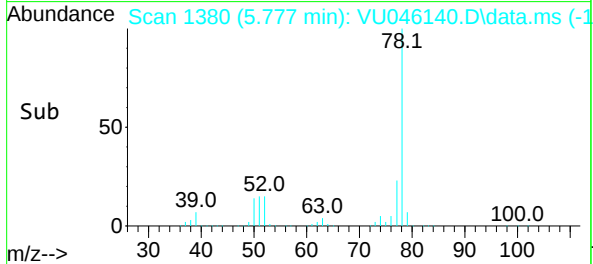
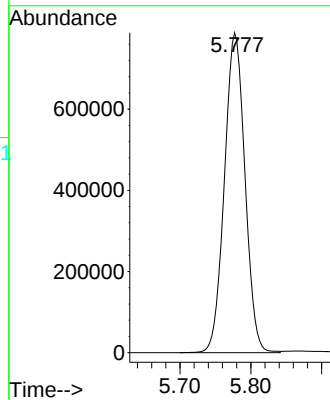
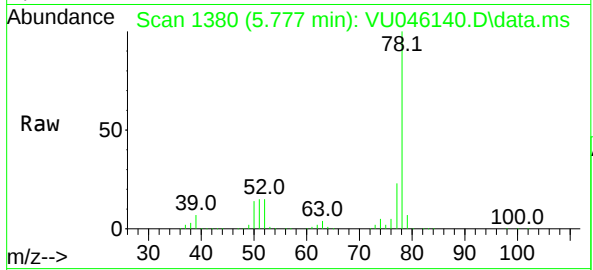




#33
Benzene
Concen: 1073.993 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

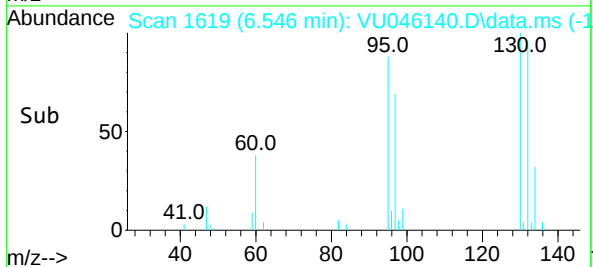
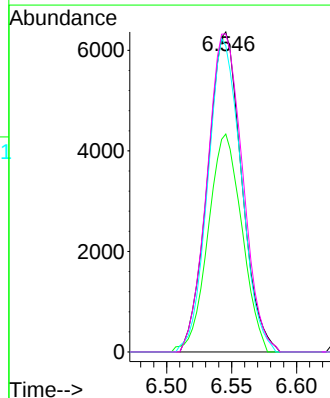
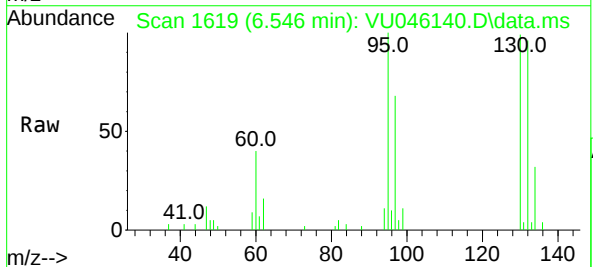
Instrument :
MSVOA_U
ClientSampleId :

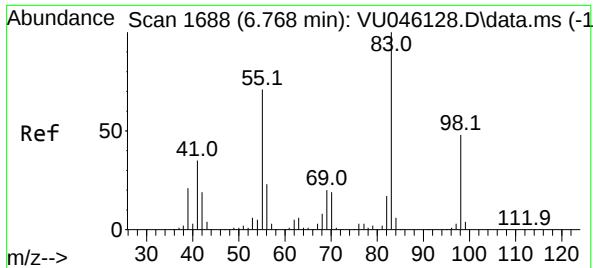
Tgt Ion: 78 Resp: 1587870



#34
Trichloroethene
Concen: 29.865 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion: 95 Resp: 11632
Ion Ratio Lower Upper
95 100
97 68.1 44.1 81.9
132 95.6 66.8 124.0
130 99.4 69.0 128.1

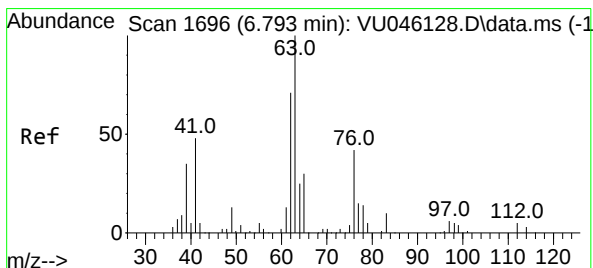
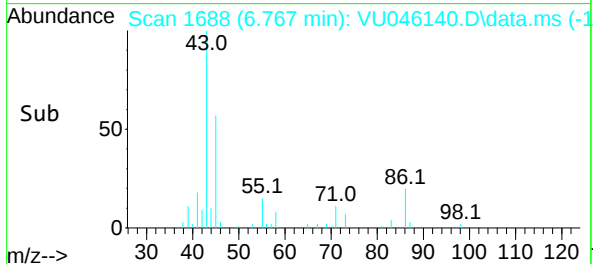
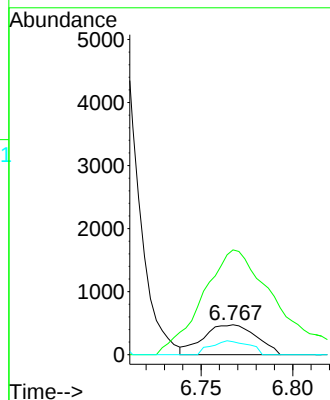
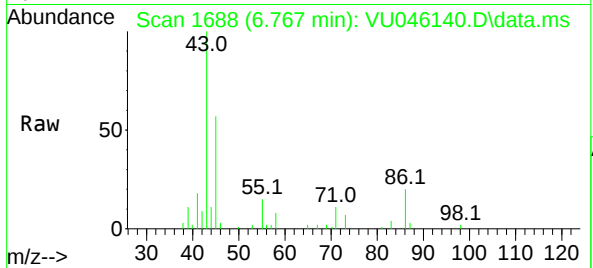




#35
Methylcyclohexane
Concen: 1.576 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

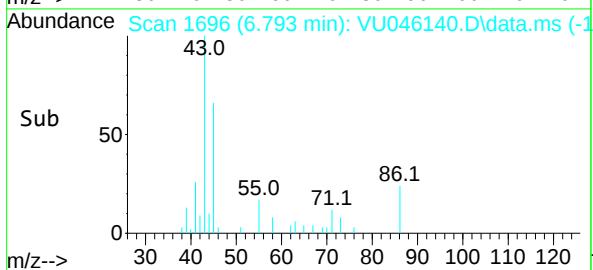
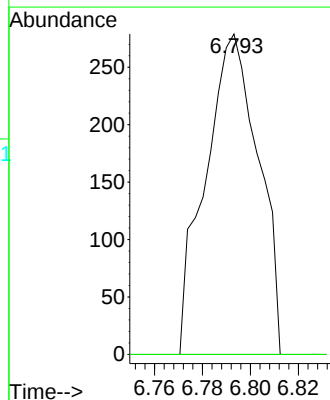
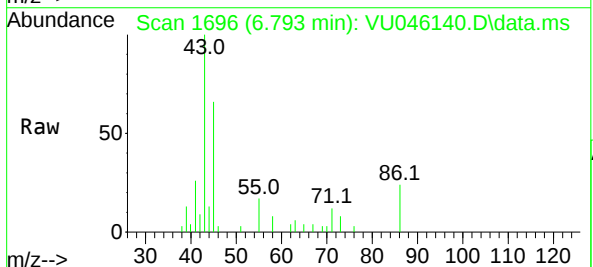
Instrument :
MSVOA_U
ClientSampleId :

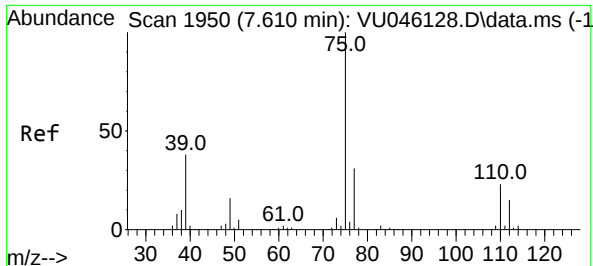
Tgt Ion: 83 Resp: 952
Ion Ratio Lower Upper
83 100
55 489.1 57.8 86.6#
98 33.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 1.105 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion: 63 Resp: 428
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 4.640 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

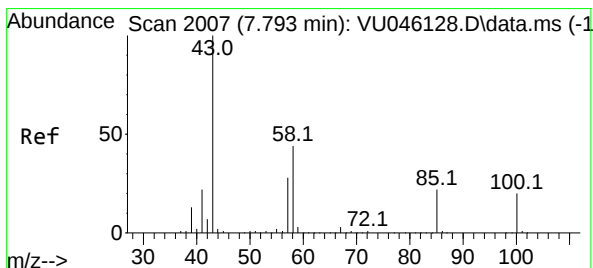
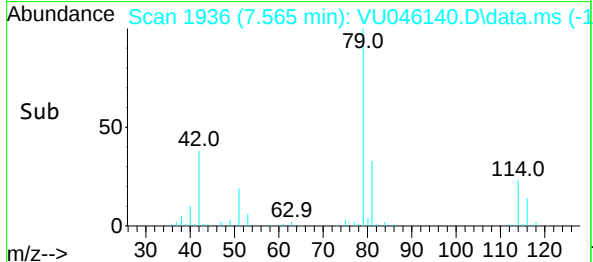
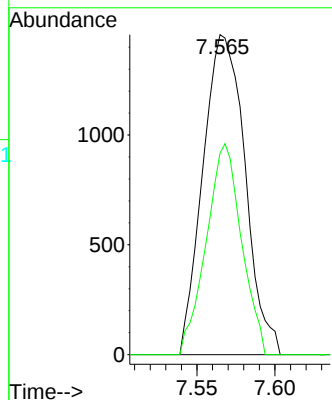
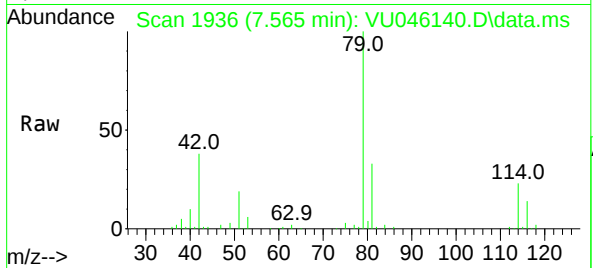
ClientSampleId :

Tgt Ion: 75 Resp: 2734

Ion Ratio Lower Upper

75 100

77 63.0 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 87.629 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

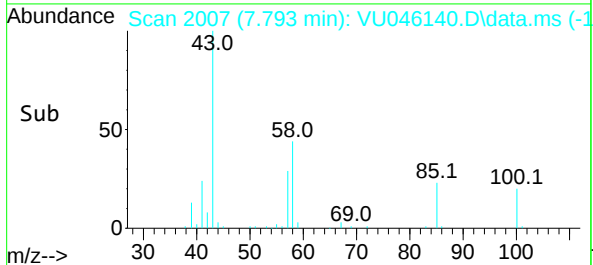
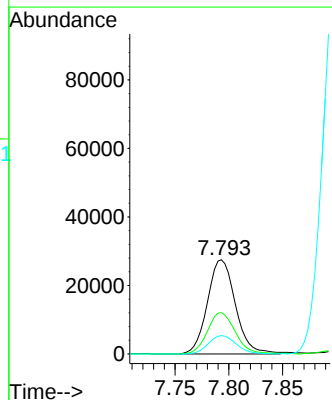
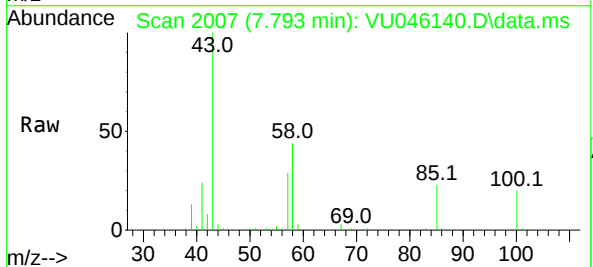
Tgt Ion: 43 Resp: 49864

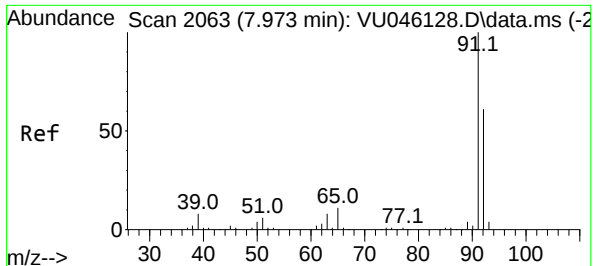
Ion Ratio Lower Upper

43 100

58 44.0 34.2 51.4

100 19.4 14.5 21.7

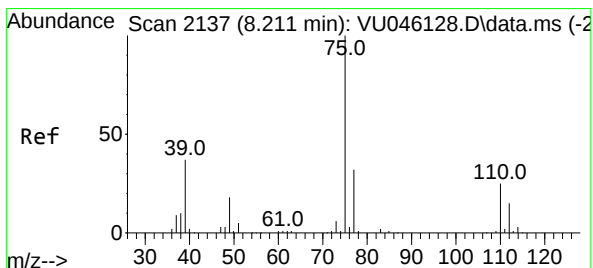
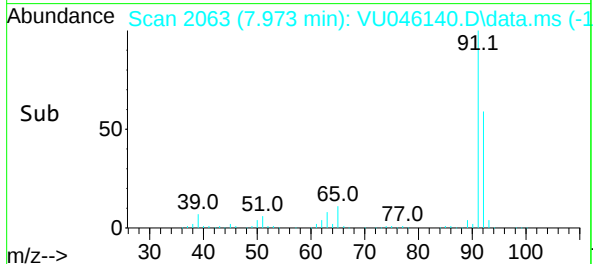
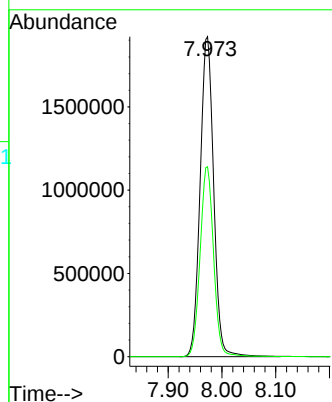
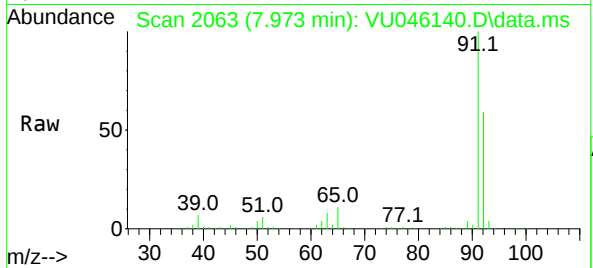




#42
Toluene
Concen: 2112.200 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

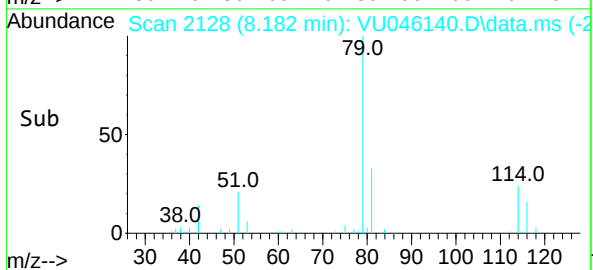
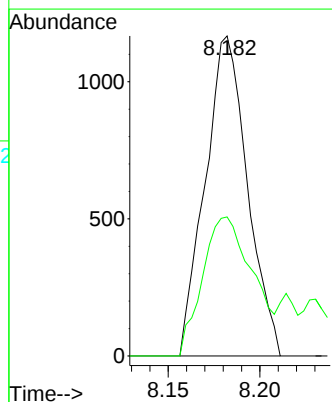
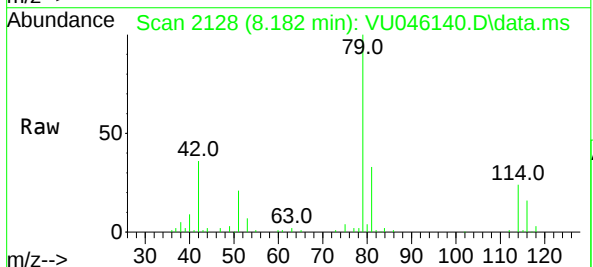
Instrument :
MSVOA_U
ClientSampleId :

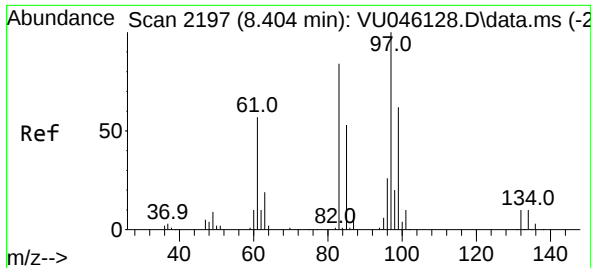
Tgt Ion: 91 Resp: 3350871
Ion Ratio Lower Upper
91 100
92 59.4 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 3.230 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

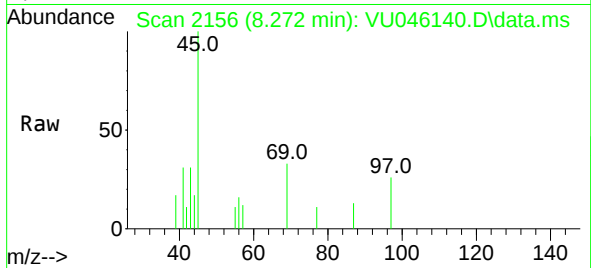
Tgt Ion: 75 Resp: 1869
Ion Ratio Lower Upper
75 100
77 43.4 21.7 40.3#



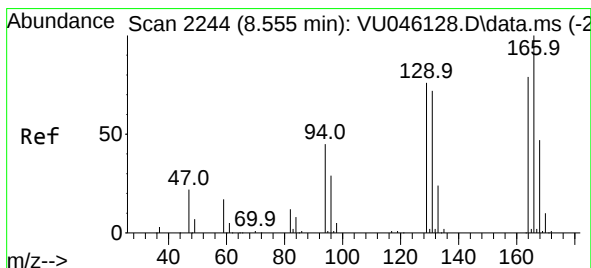
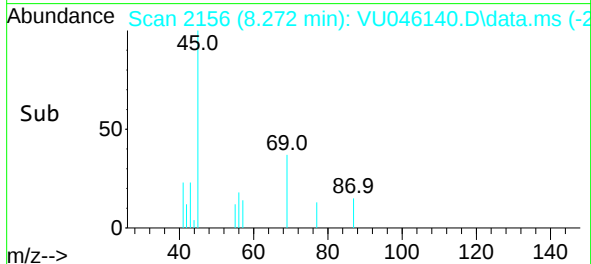
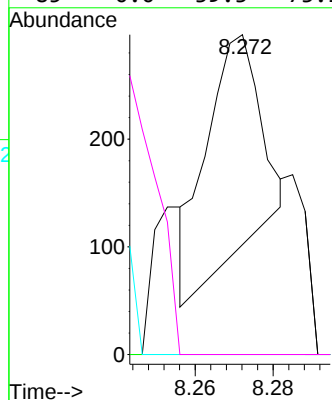


#45
1,1,2-Trichloroethane
Concen: 0.510 ug/L
RT: 8.272 min Scan# 2197
Delta R.T. -0.132 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :

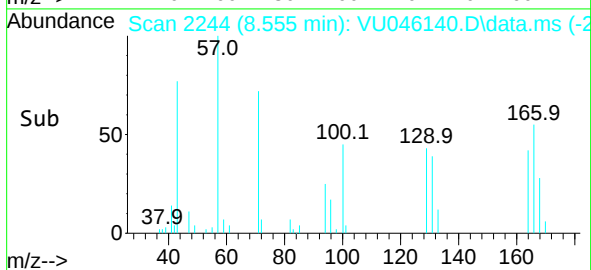
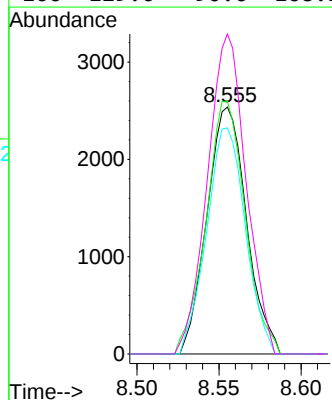
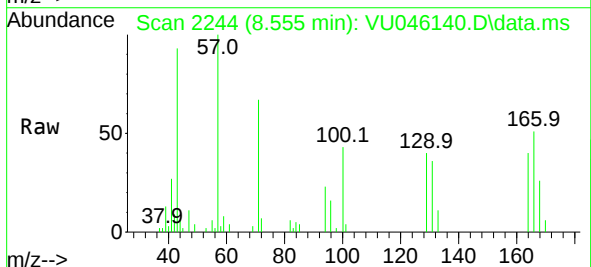


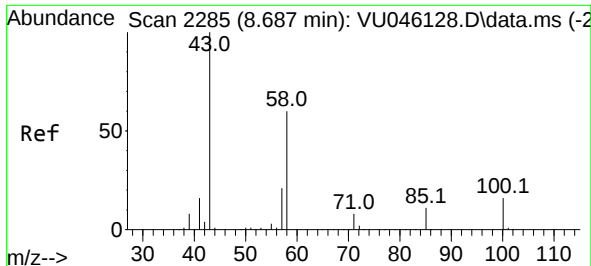
Tgt Ion: 97 Resp: 198
Ion Ratio Lower Upper
97 100
99 0.0 44.7 82.9#
83 0.0 60.2 111.8#
85 0.0 39.3 73.1#



#46
Tetrachloroethene
Concen: 14.859 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

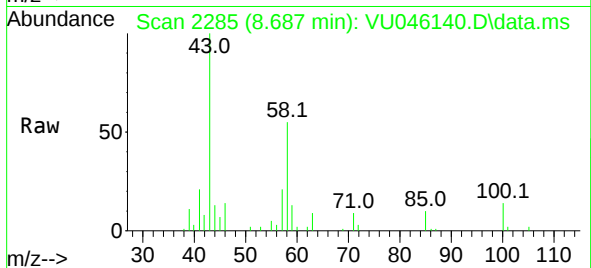
Tgt Ion: 164 Resp: 4253
Ion Ratio Lower Upper
164 100
129 102.4 71.1 132.1
131 91.6 67.8 126.0
166 129.6 90.6 168.2



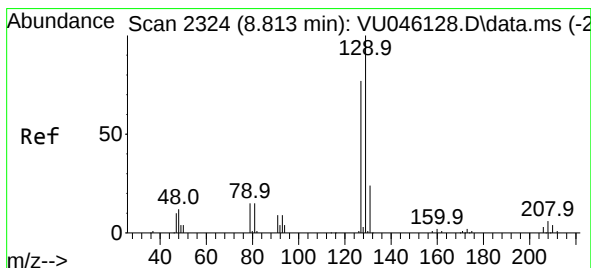
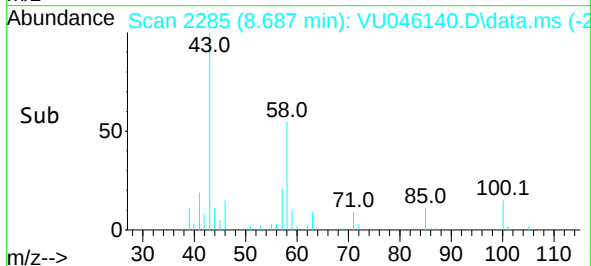
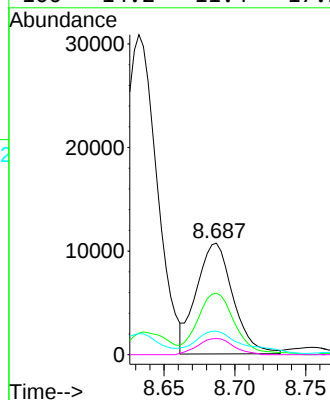


#48
2-Hexanone
Concen: 37.730 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :

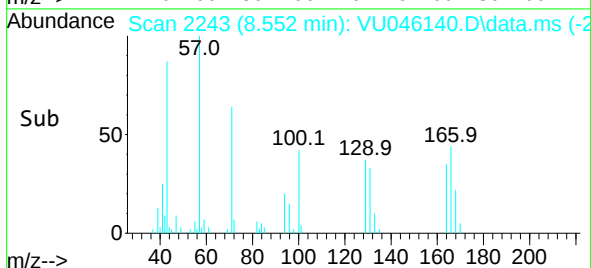
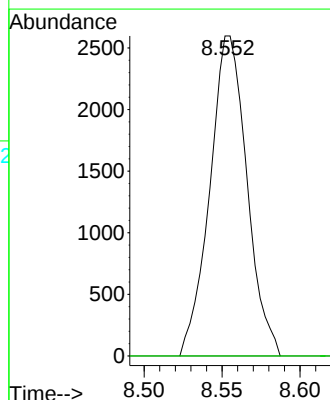
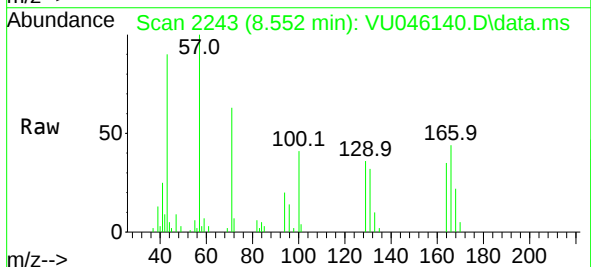


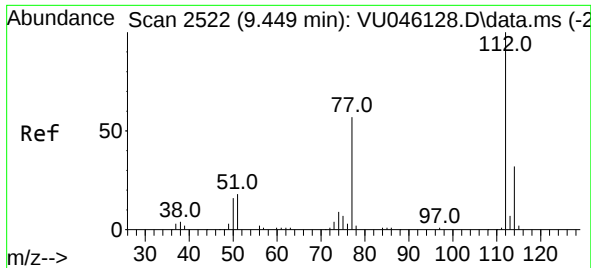
Tgt Ion: 43	Resp: 19201
Ion Ratio	Lower Upper
43 100	
58 56.8	47.4 71.2
57 26.1	16.6 25.0#
100 14.2	11.4 17.2



#49
Dibromochloromethane
Concen: 10.546 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.261 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion:129	Resp:	4303	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#

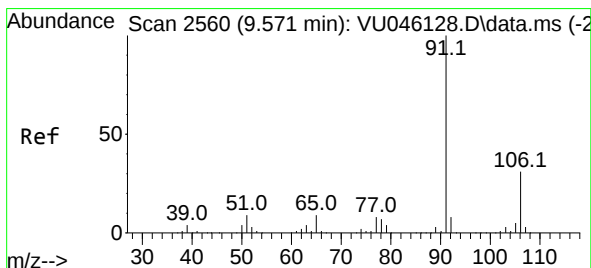
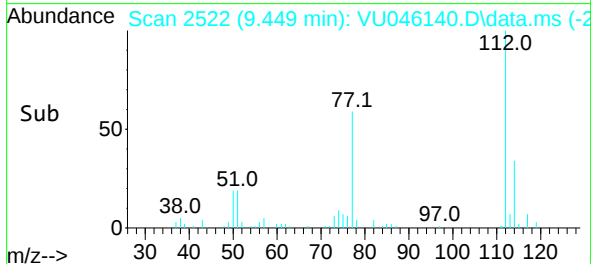
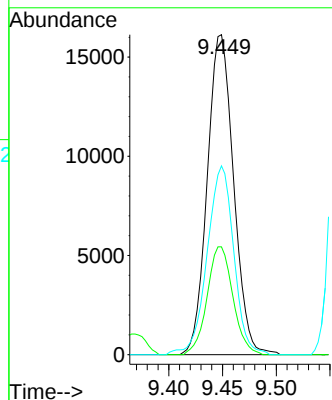
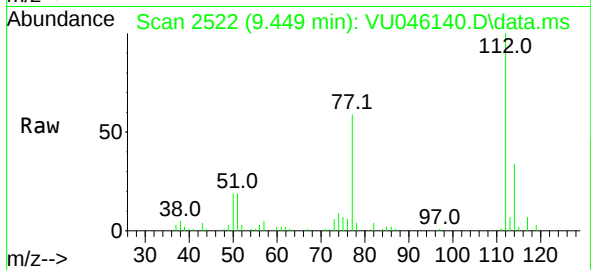




#51
Chlorobenzene
Concen: 26.843 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

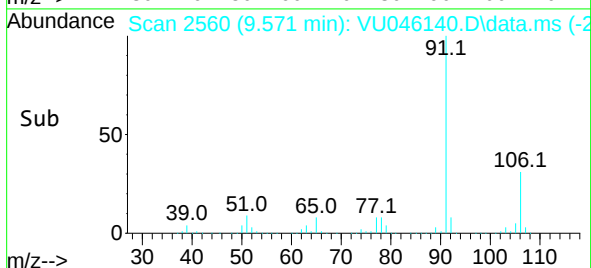
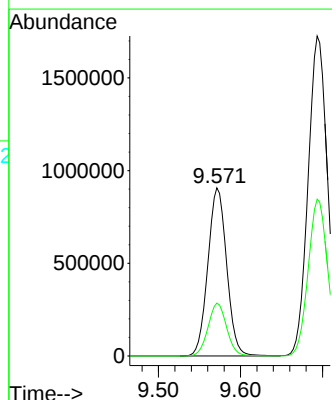
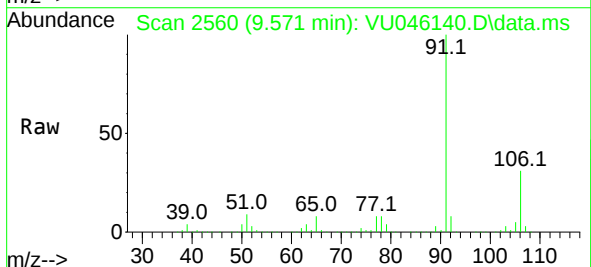
Instrument :
MSVOA_U
ClientSampleId :

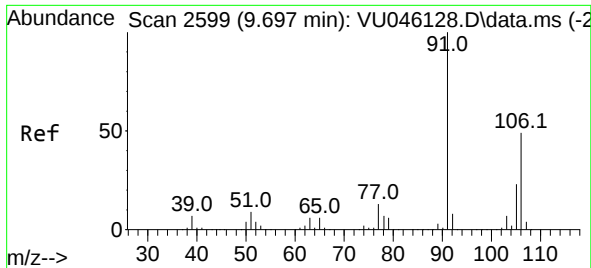
Tgt Ion:112 Resp: 27550
Ion Ratio Lower Upper
112 100
114 33.7 22.2 41.2
77 59.0 47.4 71.0



#52
Ethylbenzene
Concen: 845.184 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion: 91 Resp: 1443025
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.3

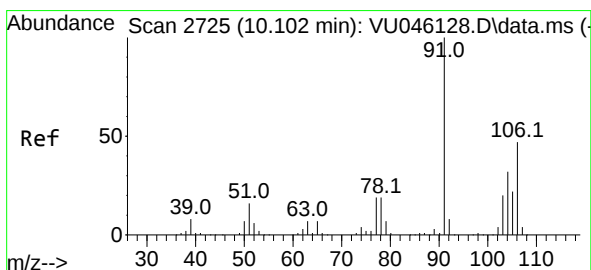
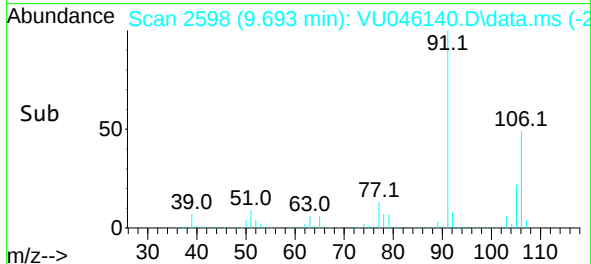
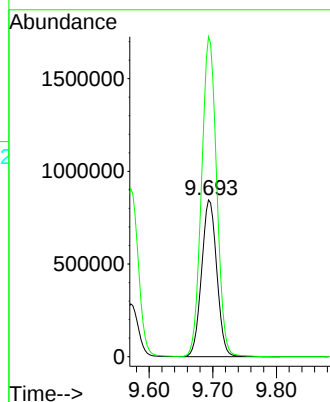
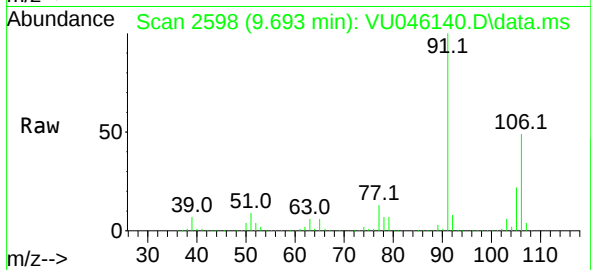




#53
m,p-Xylene
Concen: 2104.644 ug/L
RT: 9.693 min Scan# 2104
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

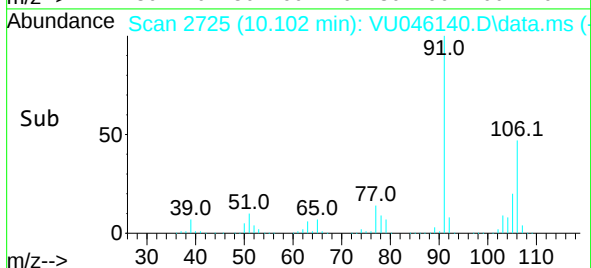
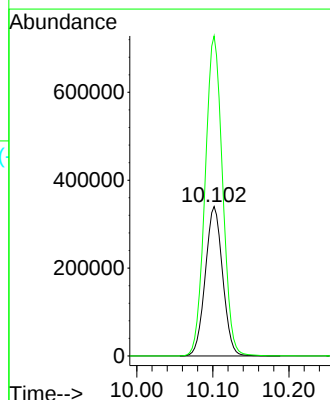
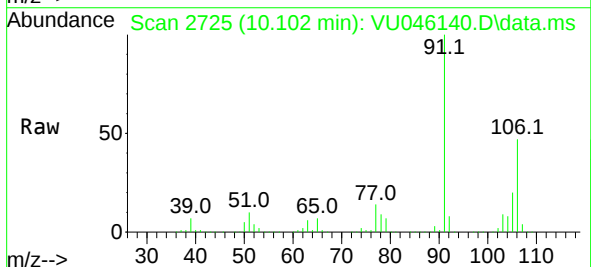
Instrument :
MSVOA_U
ClientSampleId :

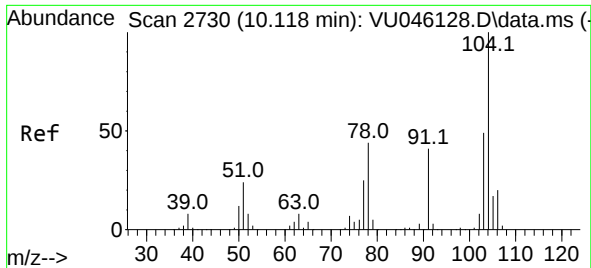
Tgt Ion:106 Resp: 1401362
Ion Ratio Lower Upper
106 100
91 204.1 144.3 268.1



#54
o-xylene
Concen: 834.069 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion:106 Resp: 538881
Ion Ratio Lower Upper
106 100
91 214.1 154.2 286.4

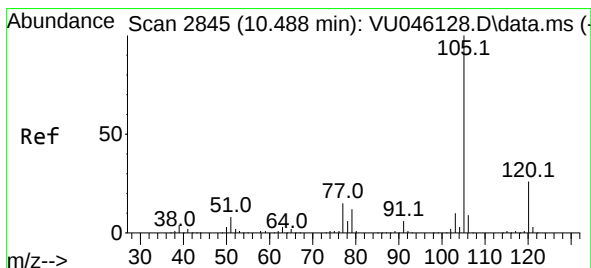
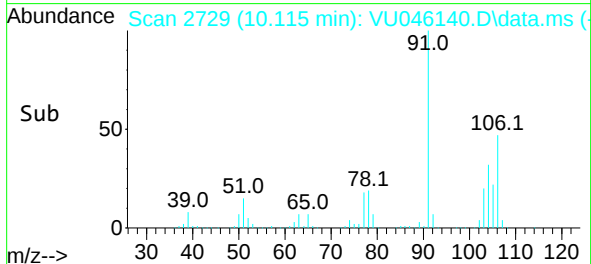
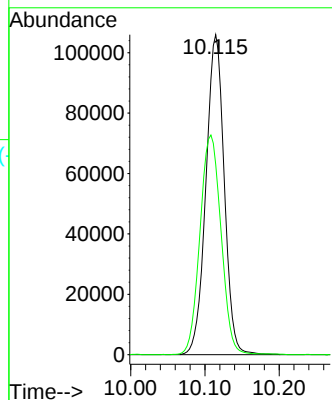
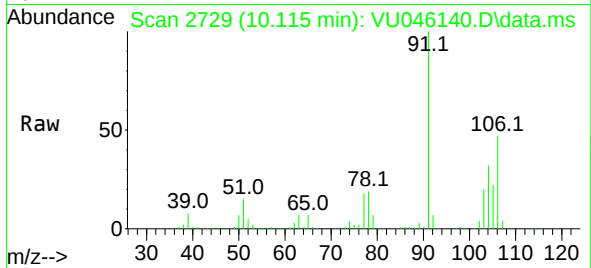




#55
Styrene
Concen: 164.314 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

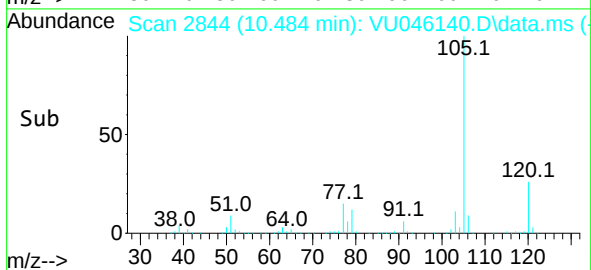
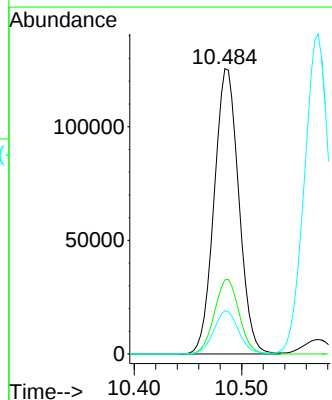
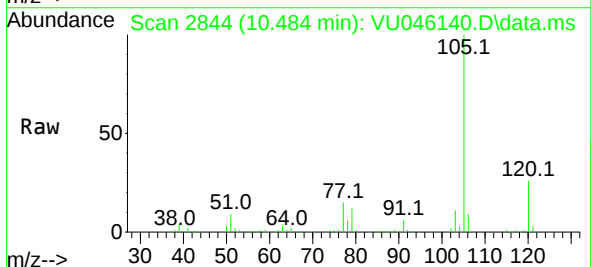
Instrument :
MSVOA_U
ClientSampleId :

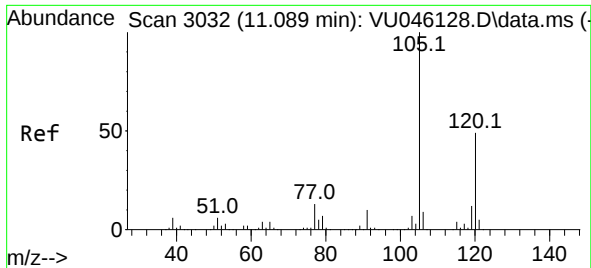
Tgt Ion:104 Resp: 181248
Ion Ratio Lower Upper
104 100
78 59.5 32.6 60.5



#61
Isopropylbenzene
Concen: 111.891 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion:105 Resp: 199897
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.0 12.2 18.4

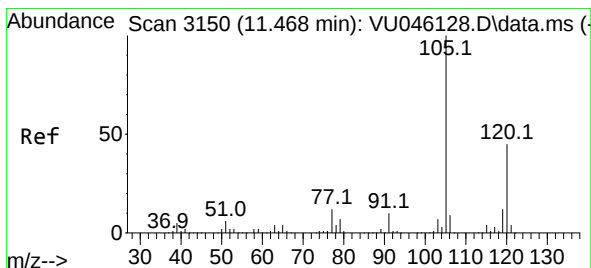
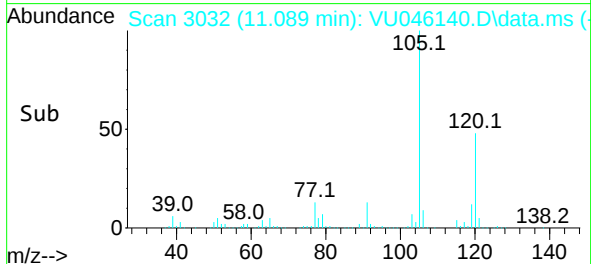
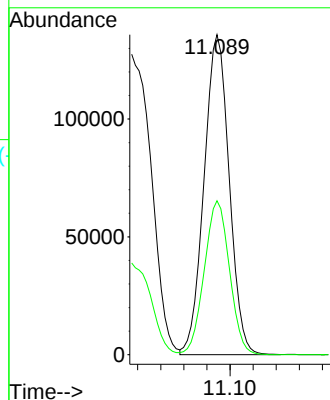
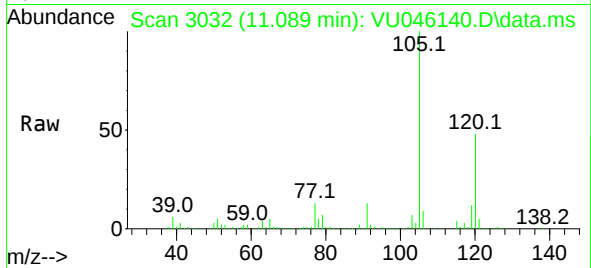




#62
1,3,5-Trimethylbenzene
Concen: 137.766 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

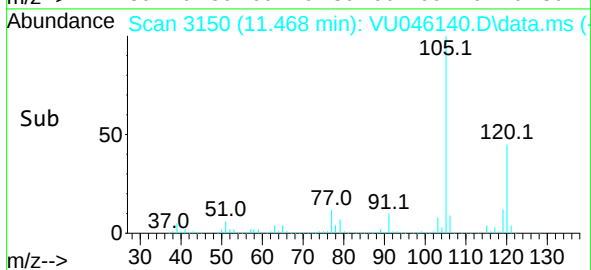
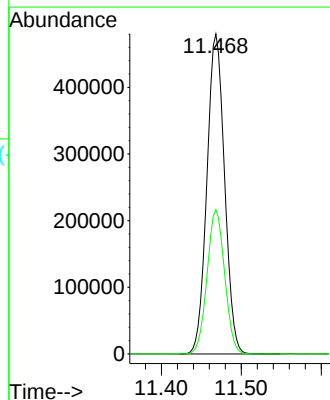
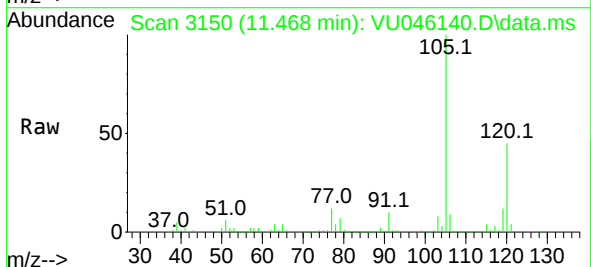
Instrument :
MSVOA_U
ClientSampleId :

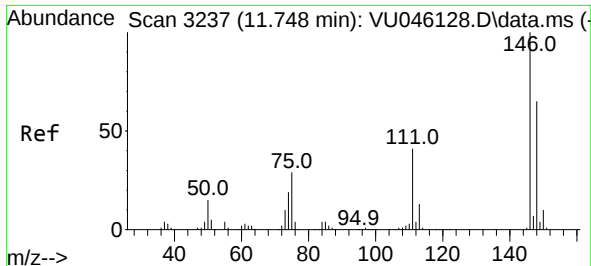
Tgt Ion:105 Resp: 205146
Ion Ratio Lower Upper
105 100
120 48.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 493.990 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion:105 Resp: 735956
Ion Ratio Lower Upper
105 100
120 45.0 35.2 52.8

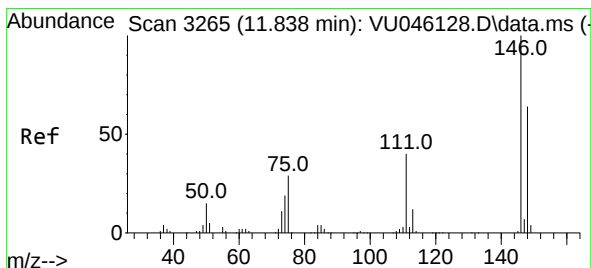
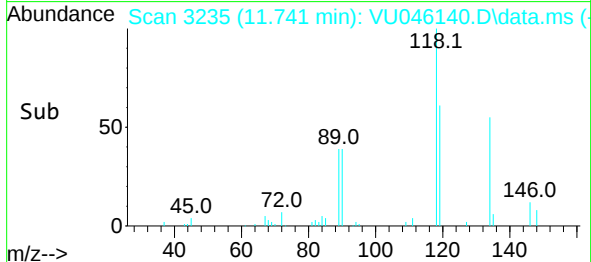
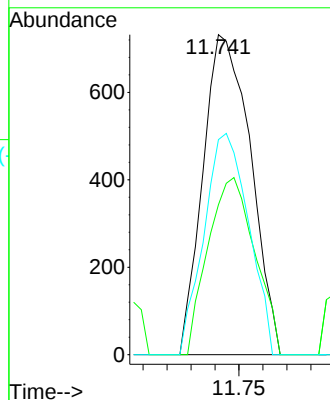
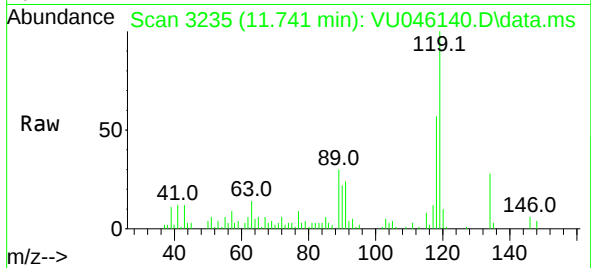




#64
1,3-Dichlorobenzene
Concen: 1.190 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

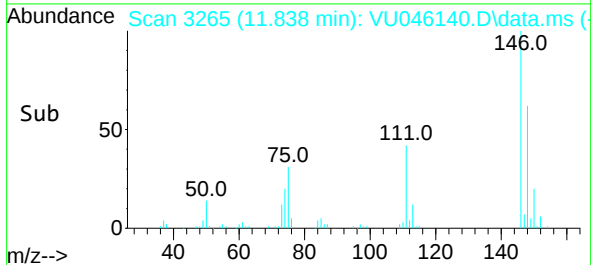
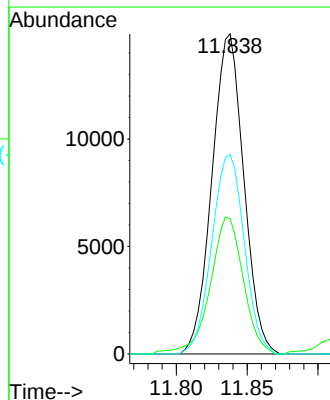
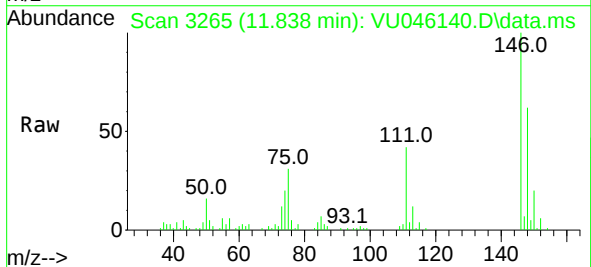
Instrument :
MSVOA_U
ClientSampleId :

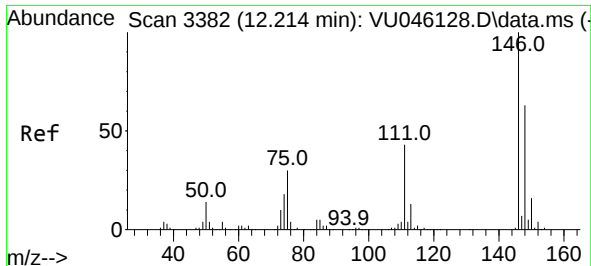
Tgt Ion:146 Resp: 1010
Ion Ratio Lower Upper
146 100
111 46.9 29.5 54.9
148 67.2 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 26.564 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046140.D
Acq: 07 Dec 2021 15:03

Tgt Ion:146 Resp: 23298
Ion Ratio Lower Upper
146 100
111 42.2 28.3 52.7
148 62.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 137.090 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

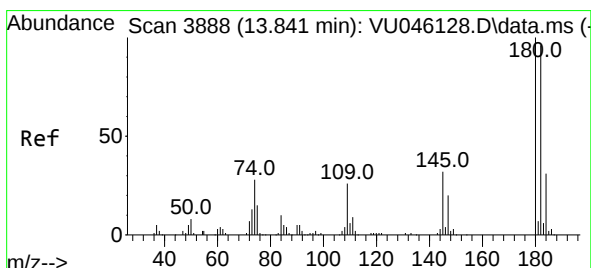
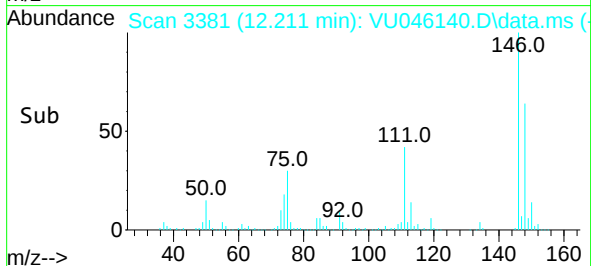
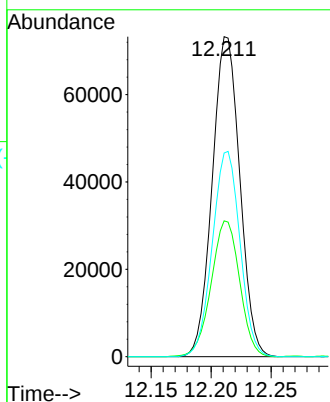
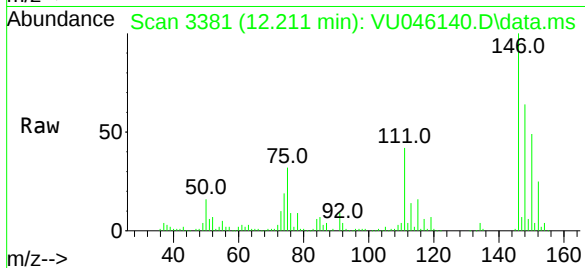
Tgt Ion:146 Resp: 117156

Ion Ratio Lower Upper

146 100

111 42.4 35.7 53.5

148 63.7 51.2 76.8



#70

1,2,4-trichlorobenzene

Concen: 14.346 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

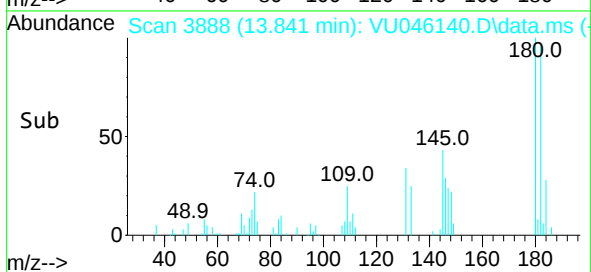
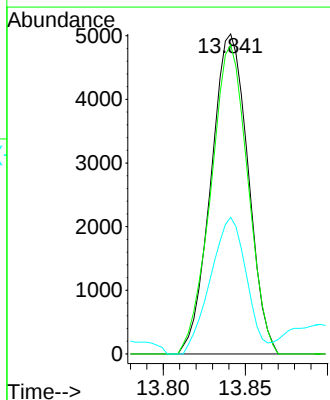
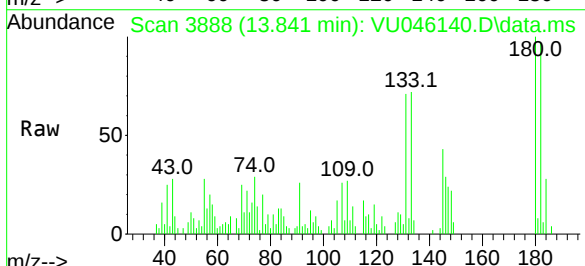
Tgt Ion:180 Resp: 7872

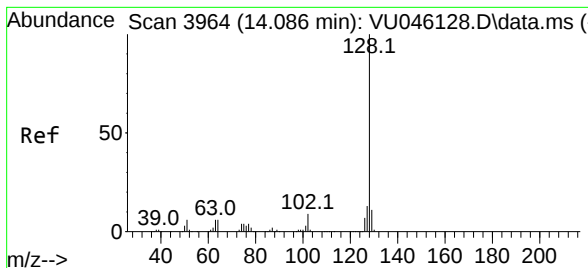
Ion Ratio Lower Upper

180 100

182 96.2 76.7 115.1

145 41.5 26.0 39.0#





#71

Naphthalene

Concen: 1413.992 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

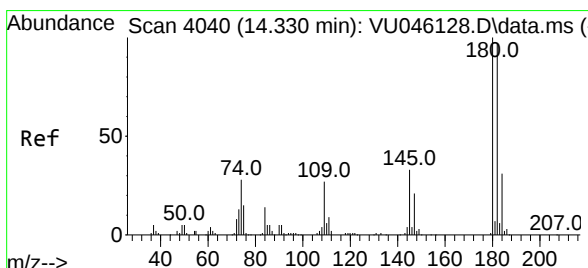
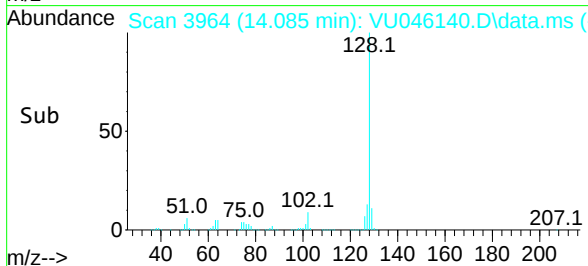
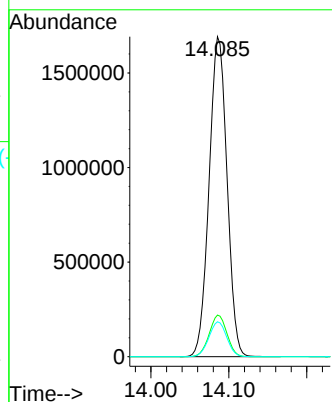
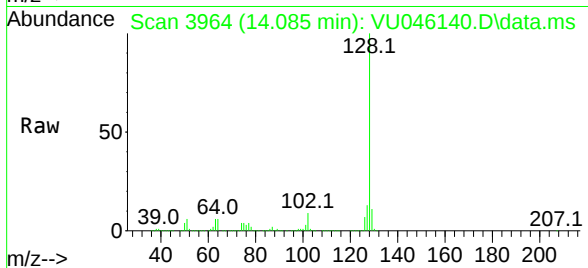
Tgt Ion:128 Resp: 2699896

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.180 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046140.D

Acq: 07 Dec 2021 15:03

Tgt Ion:180 Resp: 2339

Ion Ratio Lower Upper

180 100

182 101.9 76.0 114.0

145 74.9 27.3 40.9#

