

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047720.D
 Acq On : 26 Mar 2022 19:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB056

Quant Time: Mar 28 05:12:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	331442	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	337023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97136	40.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.820%
7) Chloroethane-d5	1.916	69	90762	47.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.780%
11) 1,1-Dichloroethene-d2	2.575	63	195563	44.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.940%
21) 2-Butanone-d5	4.633	46	233757	113.311	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.310%
24) Chloroform-d	5.067	84	214507	48.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	5.703	65	133145	49.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
32) Benzene-d6	5.729	84	410669	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
36) 1,2-Dichloropropane-d6	6.690	67	131149	50.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.720%
41) Toluene-d8	7.899	98	391236	47.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
43) trans-1,3-Dichloroprop...	8.179	79	63449	48.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
47) 2-Hexanone-d5	8.636	63	178023	116.765	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	231989	51.903	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	178113	48.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	157491	51.253	ug/L	99
3) Chloromethane	1.523	50	147870	50.319	ug/L	99
5) Vinyl chloride	1.607	62	151080	50.410	ug/L	98
6) Bromomethane	1.861	94	92859	57.565	ug/L	99
8) Chloroethane	1.938	64	101449	53.921	ug/L	96
9) Trichlorofluoromethane	2.141	101	207880	49.188	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	126333	51.714	ug/L	98
12) 1,1-Dichloroethene	2.585	96	117722	51.779	ug/L	85
13) Acetone	2.646	43	159437	83.049	ug/L	100
14) Carbon disulfide	2.800	76	349204	48.591	ug/L	100
15) Methyl Acetate	2.954	43	165285	53.992	ug/L	97
16) Methylene chloride	3.051	84	139360	53.416	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	128171	52.267	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	387396	55.996	ug/L	100
19) 1,1-Dichloroethane	3.874	63	229081	54.166	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	144662	53.809	ug/L	95
22) 2-Butanone	4.713	43	254371	102.858	ug/L	97
23) Bromochloromethane	4.977	128	79870	54.110	ug/L	97
25) Chloroform	5.089	83	245754	53.972	ug/L	98

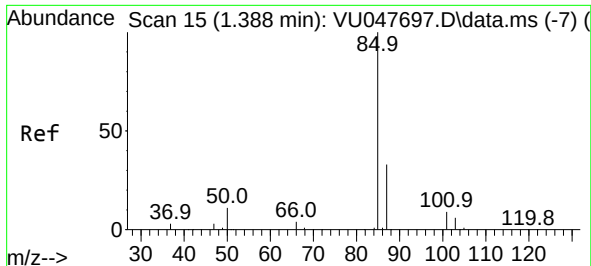
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	188666	53.631	ug/L	98
29) Cyclohexane	5.391	56	193297	56.522	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	213565	55.885	ug/L	99
31) Carbon tetrachloride	5.527	117	189190	54.825	ug/L	100
33) Benzene	5.777	78	543782	55.743	ug/L	100
34) Trichloroethene	6.543	95	140641	54.991	ug/L	98
35) Methylcyclohexane	6.764	83	212613	54.645	ug/L	99
37) 1,2-Dichloropropane	6.793	63	142099	57.300	ug/L	99
38) Bromodichloromethane	7.108	83	189370	55.607	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	219757	57.110	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	455838	116.300	ug/L	98
42) Toluene	7.970	91	606847	56.695	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	213746	55.635	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	144832	55.067	ug/L	99
46) Tetrachloroethene	8.552	164	123395	53.690	ug/L	99
48) 2-Hexanone	8.684	43	386017	114.494	ug/L	99
49) Dibromochloromethane	8.809	129	168485	55.308	ug/L	100
50) 1,2-Dibromoethane	8.925	107	163984	55.615	ug/L	99
51) Chlorobenzene	9.446	112	395488	54.417	ug/L	98
52) Ethylbenzene	9.571	91	641359	56.986	ug/L	99
53) m,p-Xylene	9.694	106	255739	57.911	ug/L	98
54) o-Xylene	10.099	106	245866	56.726	ug/L	98
55) Styrene	10.115	104	427686	57.796	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	272012	55.166	ug/L	100
59) Bromoform	10.292	173	142708	54.442	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	215819	55.847	ug/L	99
61) Isopropylbenzene	10.485	105	637845	57.573	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	345156	57.420	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	538772	59.007	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	334825	54.374	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	338168	53.019	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	338940	55.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	70312	56.801	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	267083	53.405	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	245221	55.981	ug/L	100
71) Naphthalene	14.086	128	816525	62.522	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	251018	57.162	ug/L	100

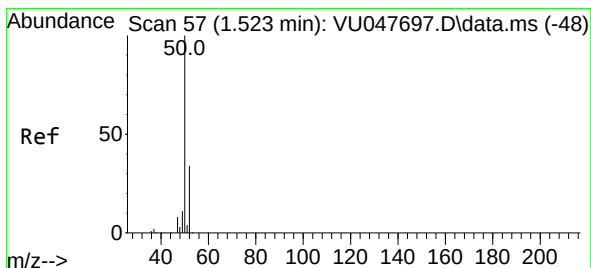
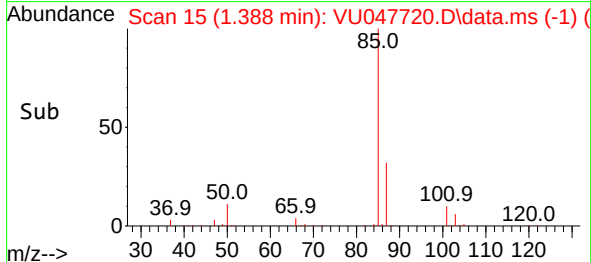
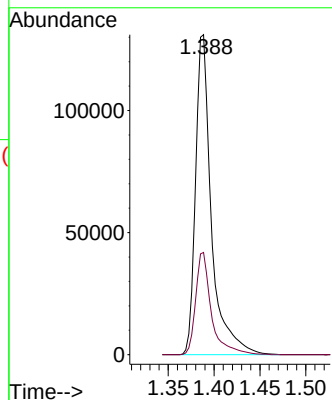
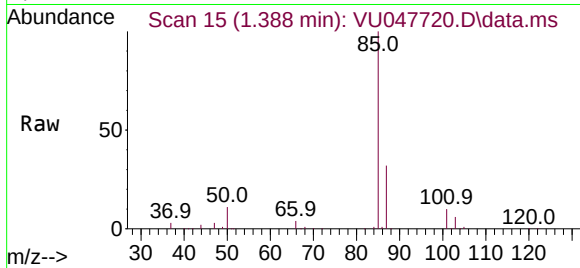
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 51.253 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

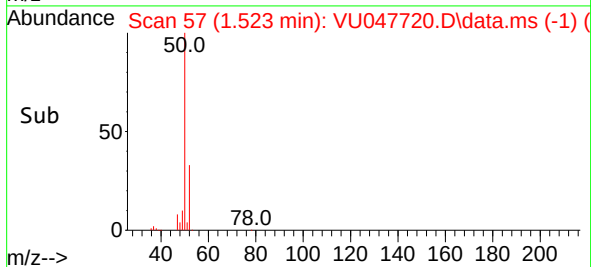
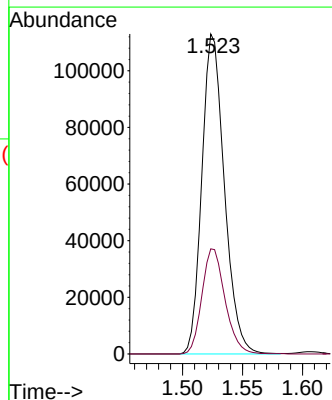
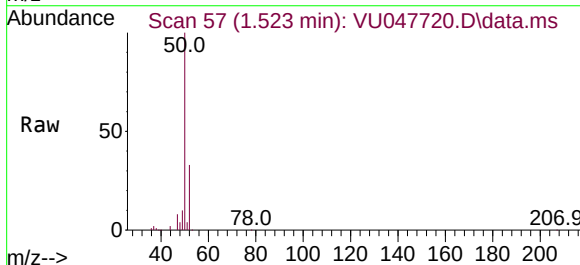
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 ClientSampleId :
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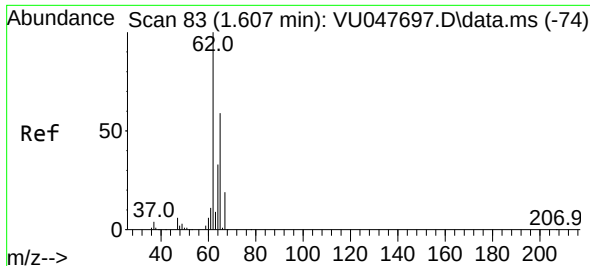
Tgt Ion: 85 Resp: 157491
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 50.319 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

Tgt Ion: 50 Resp: 147870
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2

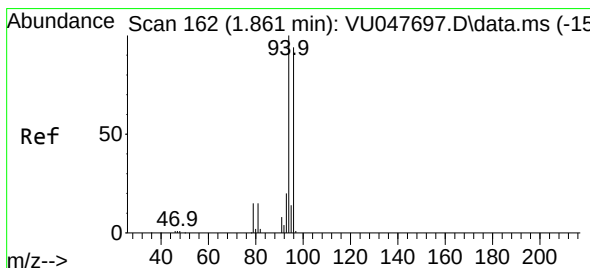
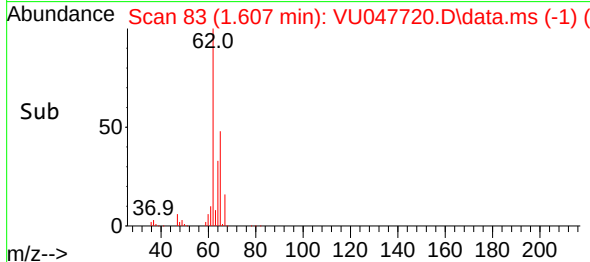
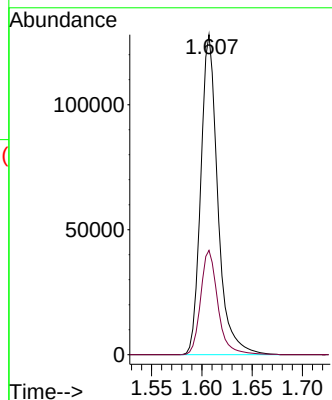
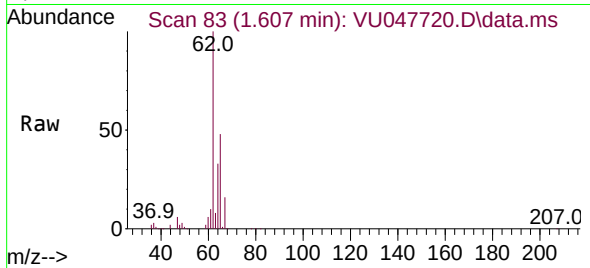




#5
 Vinyl chloride
 Concen: 50.410 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

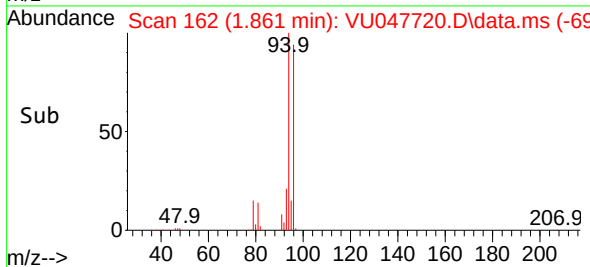
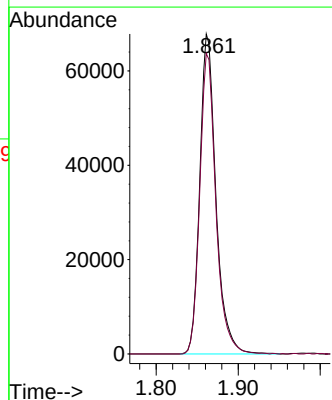
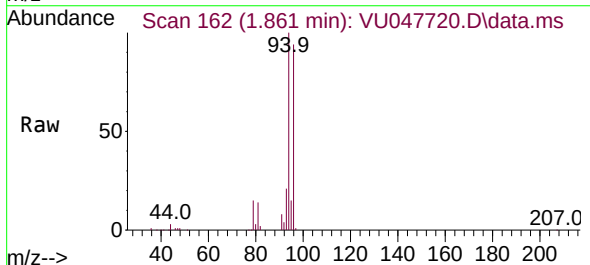
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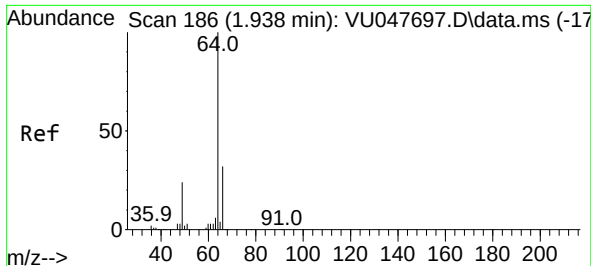
Tgt Ion: 62 Resp: 151080
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 57.565 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

Tgt Ion: 94 Resp: 92859
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

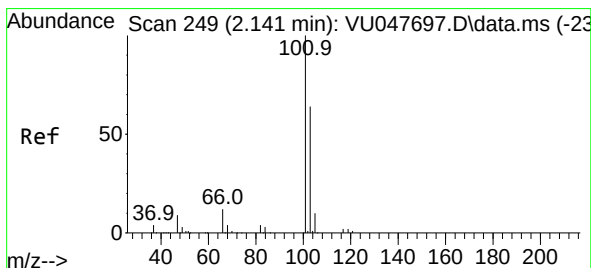
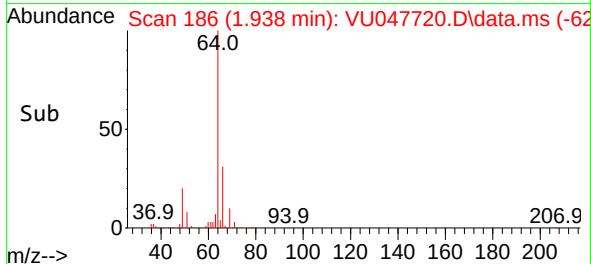
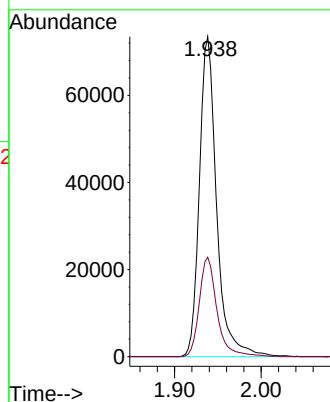
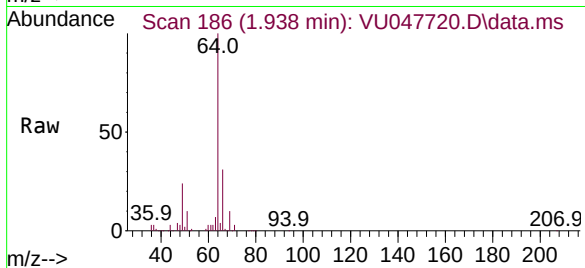




#8
Chloroethane
Concen: 53.921 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

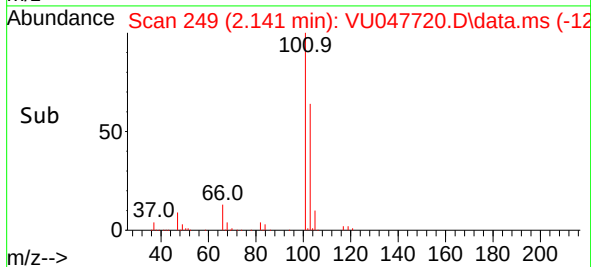
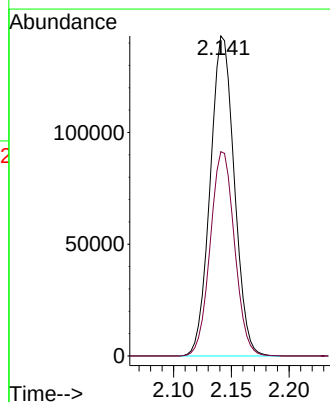
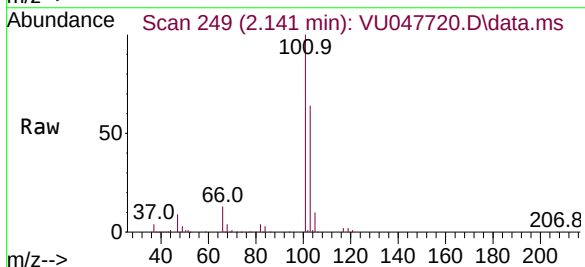
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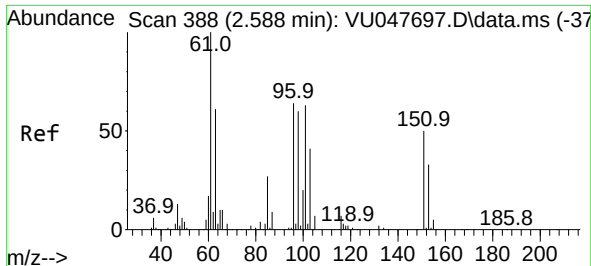
Tgt Ion: 64 Resp: 101449
Ion Ratio Lower Upper
64 100
66 31.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 49.188 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion:101 Resp: 207880
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

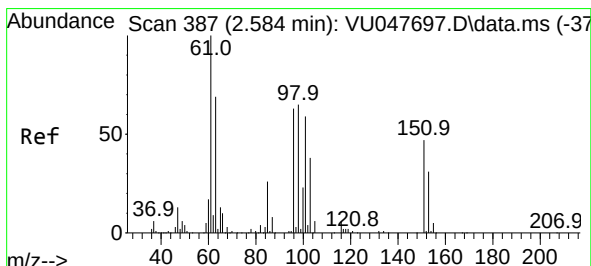
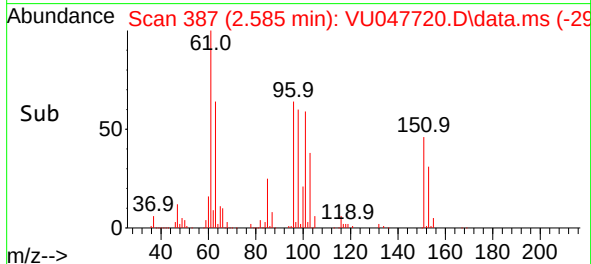
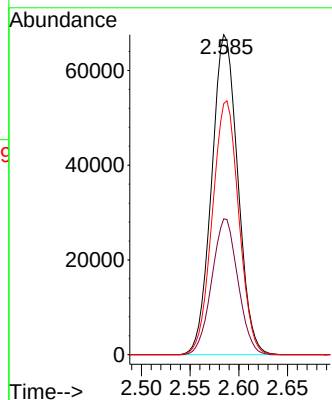
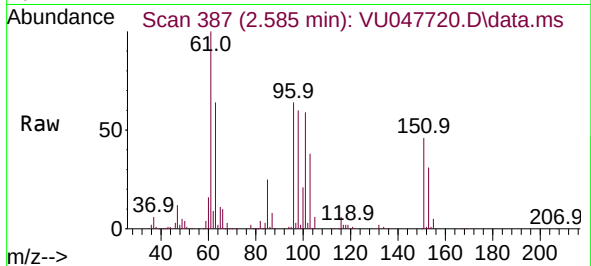




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.714 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

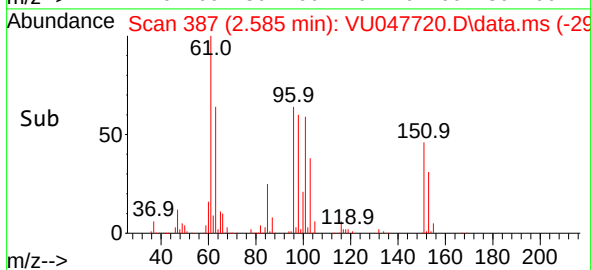
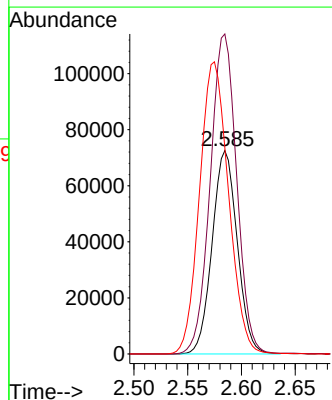
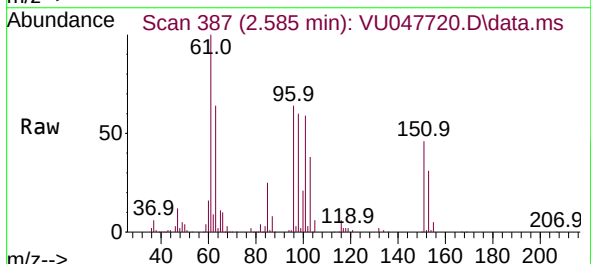
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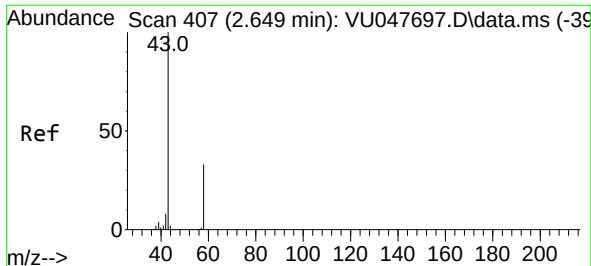
Tgt Ion:101 Resp: 126333
Ion Ratio Lower Upper
101 100
85 42.3 32.8 49.2
151 80.0 63.0 94.6



#12
1,1-Dichloroethene
Concen: 51.779 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 96 Resp: 117722
Ion Ratio Lower Upper
96 100
61 157.4 113.1 210.1
63 101.4 94.8 176.0





#13

Acetone

Concen: 83.049 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

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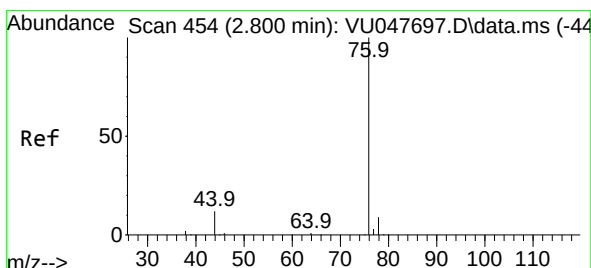
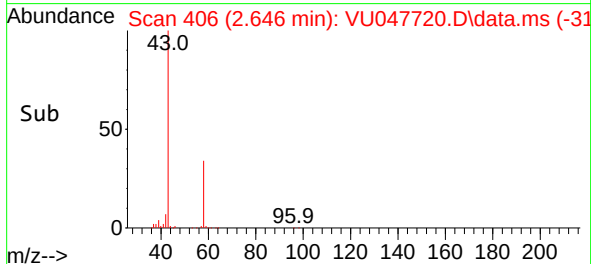
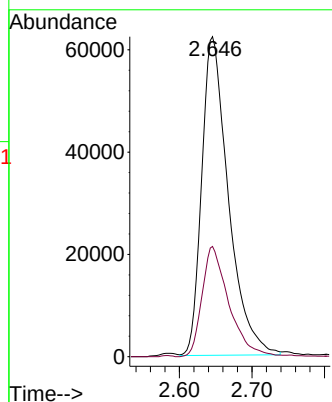
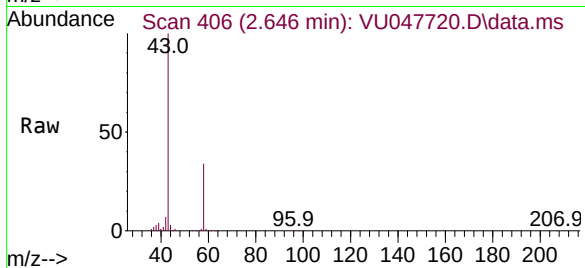
BFB056

Tgt Ion: 43 Resp: 159437

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#14

Carbon disulfide

Concen: 48.591 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047720.D

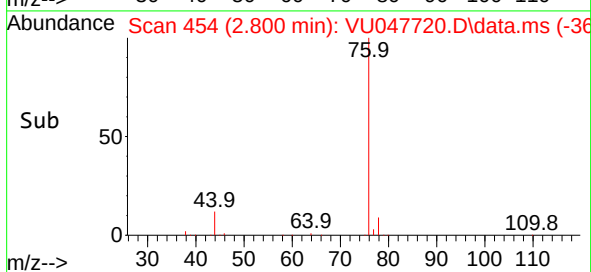
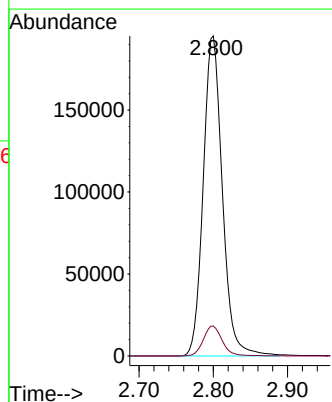
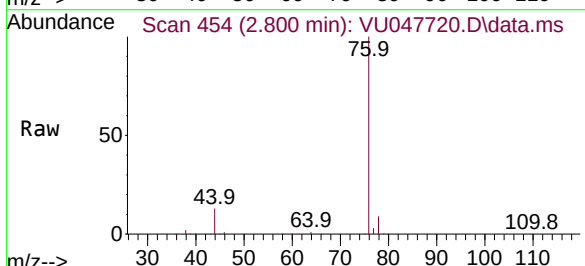
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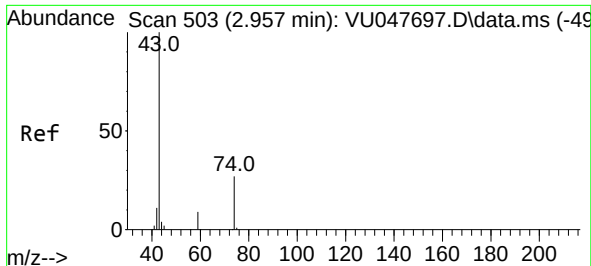
Tgt Ion: 76 Resp: 349204

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

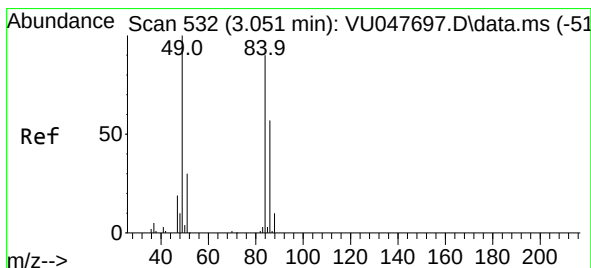
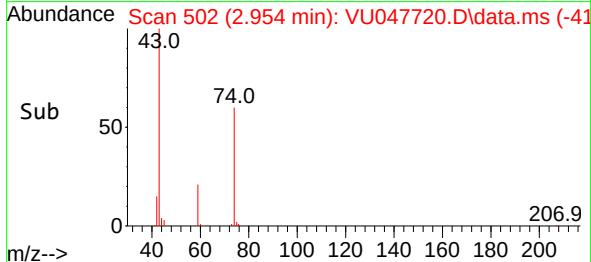
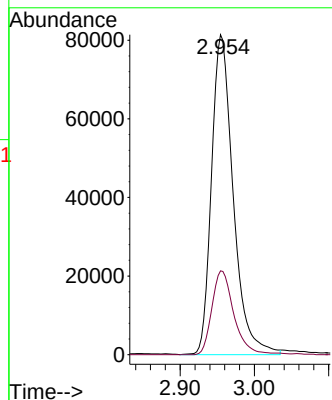
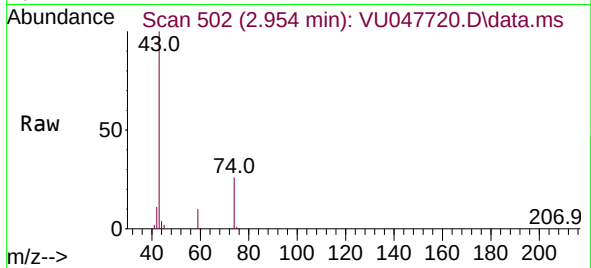




#15
Methyl Acetate
Concen: 53.992 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

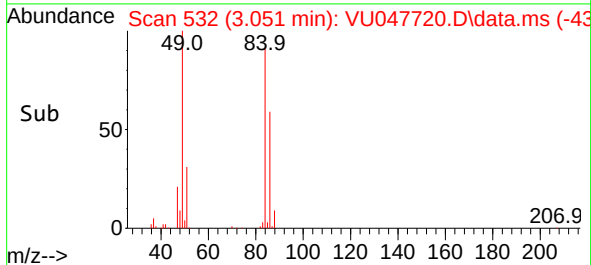
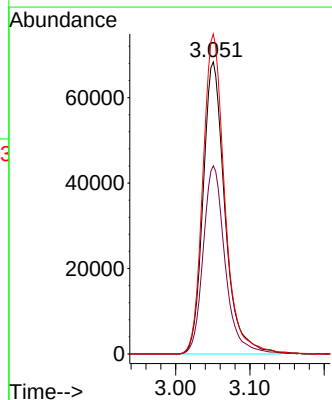
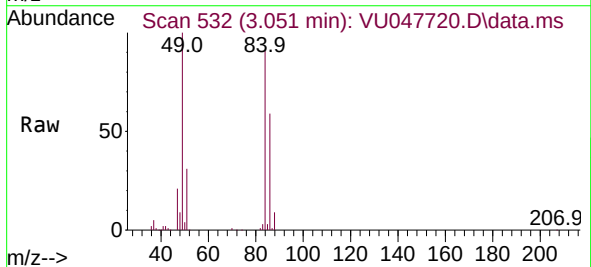
Instrument :
MSVOA_U
ClientSampleId :
BFB056

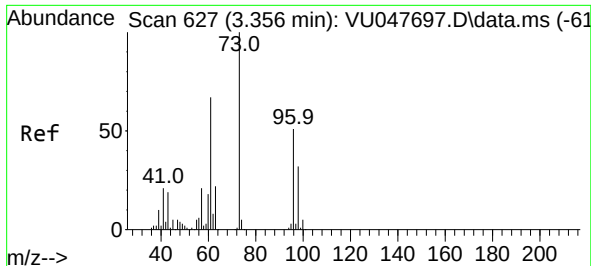
Tgt Ion: 43 Resp: 165285
Ion Ratio Lower Upper
43 100
74 26.4 22.2 33.2



#16
Methylene chloride
Concen: 53.416 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 84 Resp: 139360
Ion Ratio Lower Upper
84 100
86 64.4 46.0 85.4
49 109.6 75.3 139.8

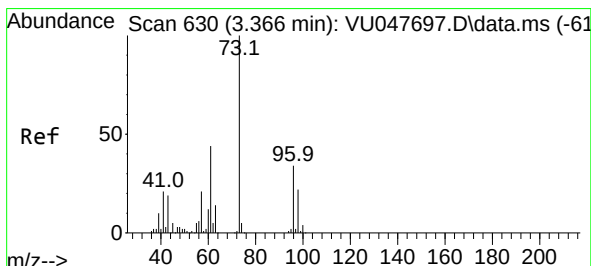
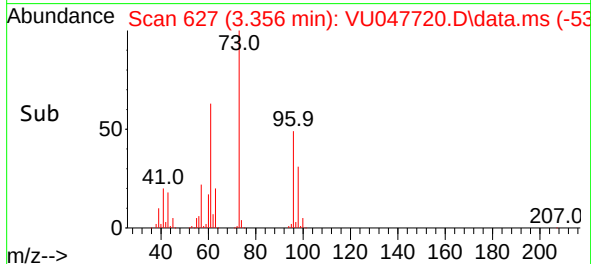
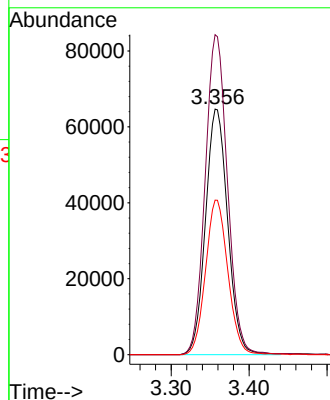
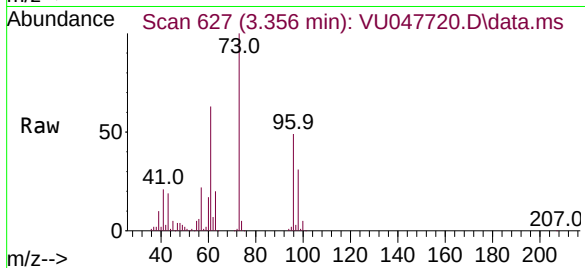




#17
trans-1,2-Dichloroethene
Concen: 52.267 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

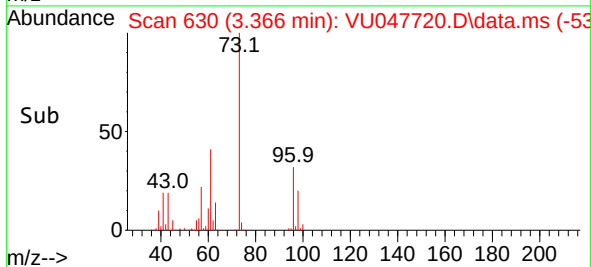
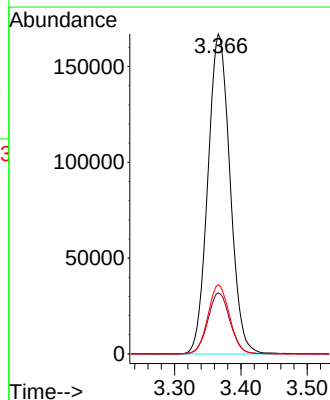
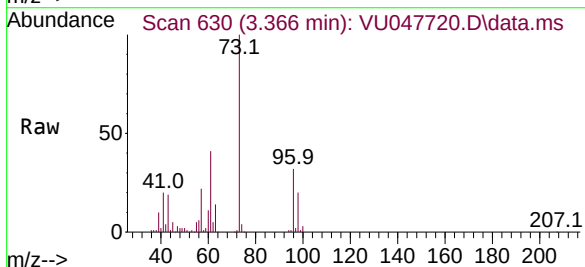
Instrument :
MSVOA_U
ClientSampleId :
BFB056

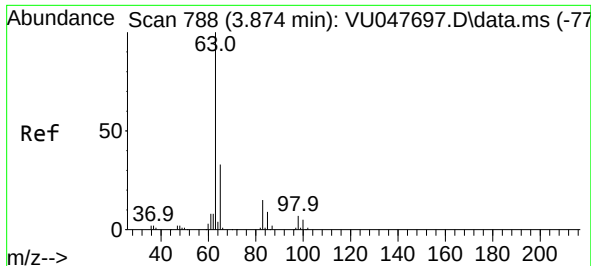
Tgt Ion: 96 Resp: 128171
Ion Ratio Lower Upper
96 100
61 130.3 88.4 164.2
98 62.9 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 55.996 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 73 Resp: 387396
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 54.166 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

BFB056

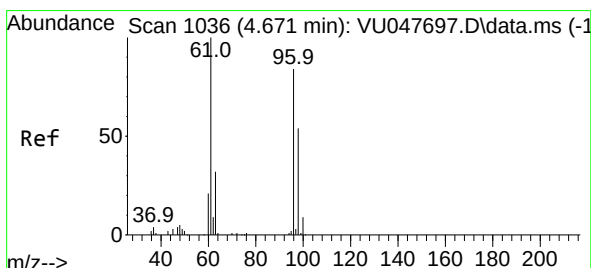
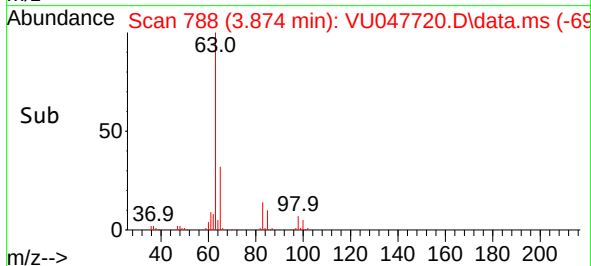
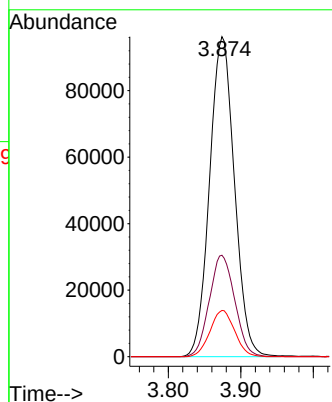
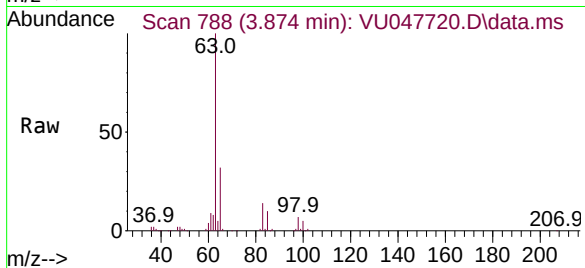
Tgt Ion: 63 Resp: 229081

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 14.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 53.809 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

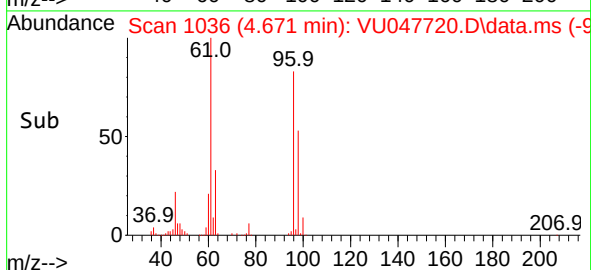
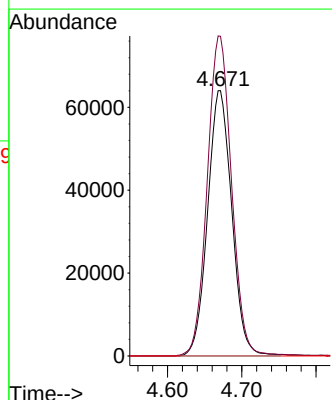
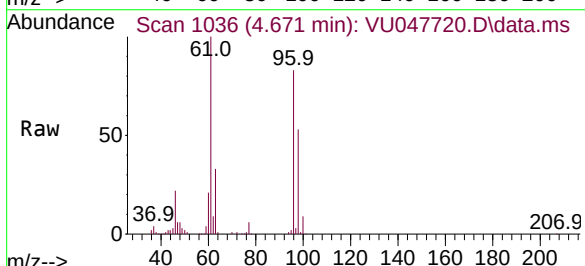
Tgt Ion: 96 Resp: 144662

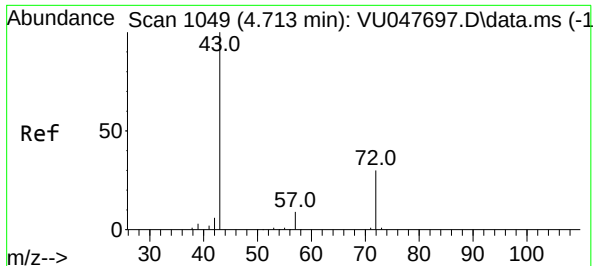
Ion Ratio Lower Upper

96 100

61 120.5 80.7 149.9

68 0.0 0.0 0.0

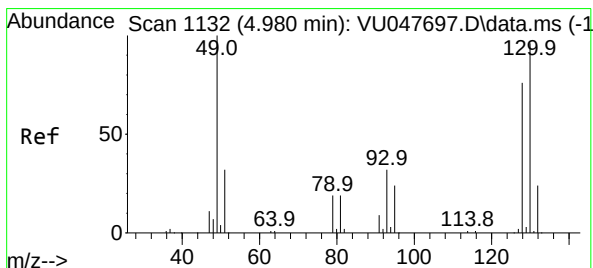
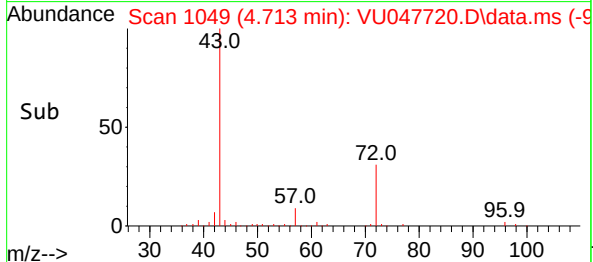
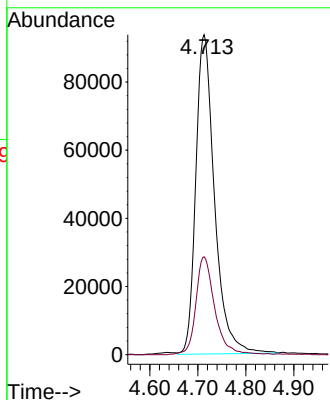
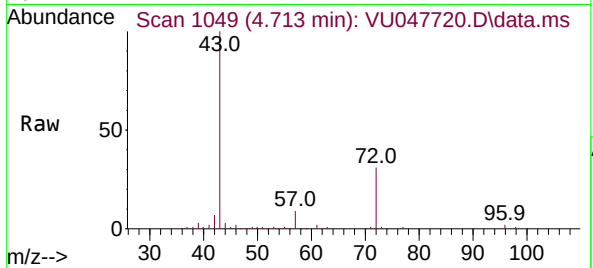




#22
2-Butanone
Concen: 102.858 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

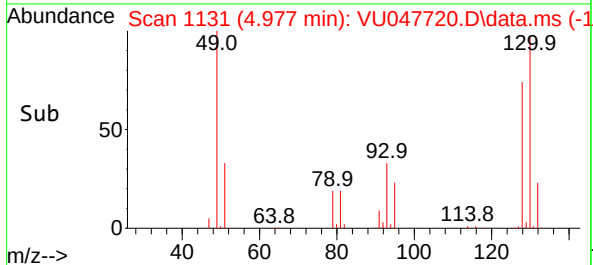
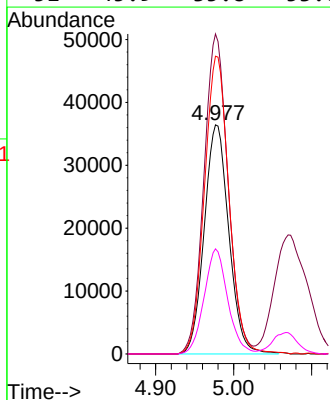
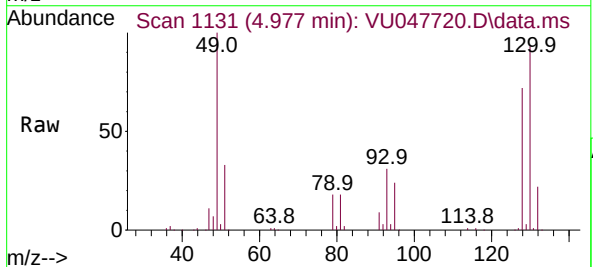
Instrument :
MSVOA_U
ClientSampleId :
BFB056

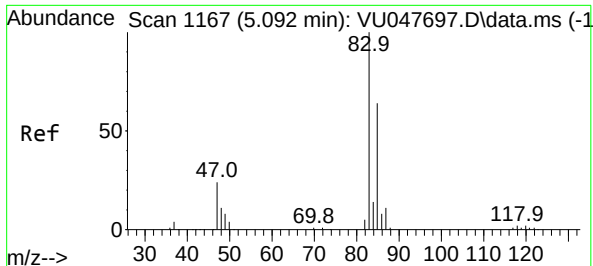
Tgt Ion: 43 Resp: 254371
Ion Ratio Lower Upper
43 100
72 30.4 16.0 47.9



#23
Bromochloromethane
Concen: 54.110 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion:128 Resp: 79870
Ion Ratio Lower Upper
128 100
49 139.7 94.1 174.8
130 130.0 90.2 167.4
51 45.9 35.8 53.6





#25

Chloroform

Concen: 53.972 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

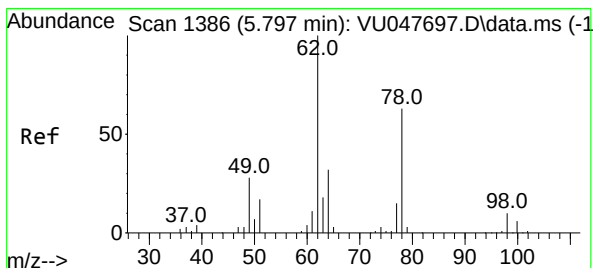
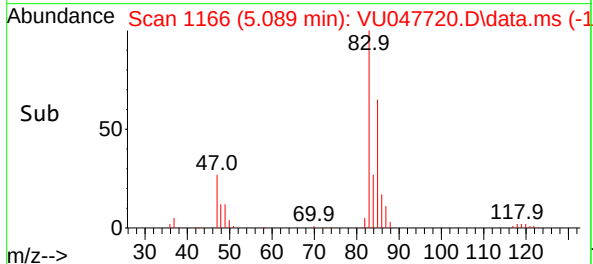
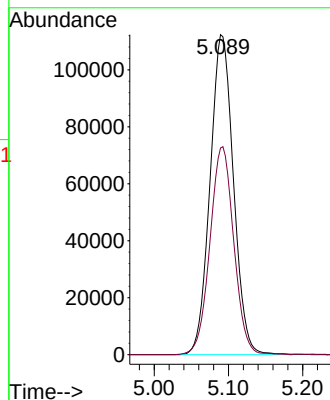
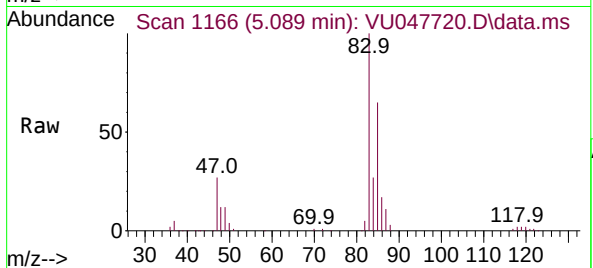
BFB056

Tgt Ion: 83 Resp: 245754

Ion Ratio Lower Upper

83 100

85 64.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 53.631 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047720.D

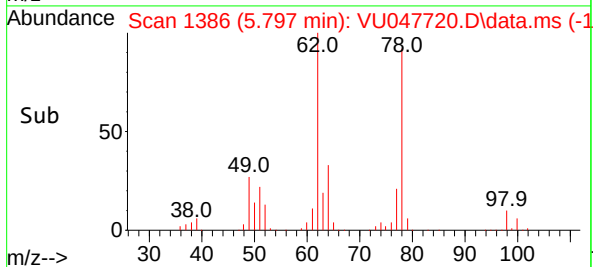
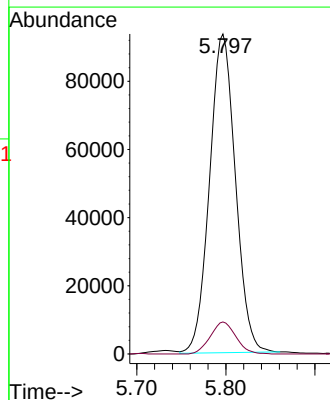
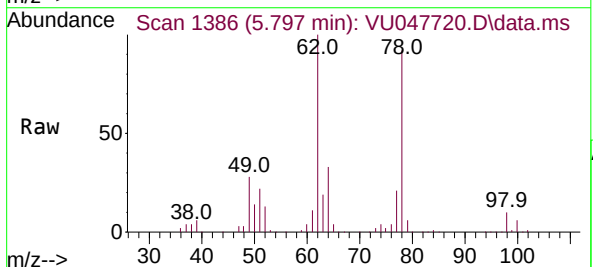
Acq: 26 Mar 2022 19:29

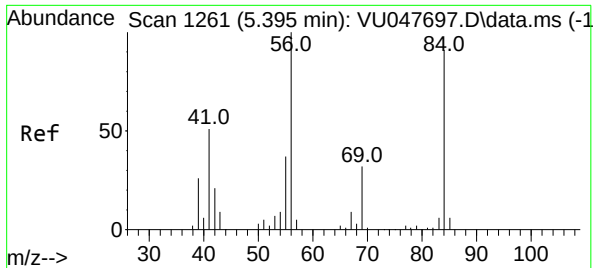
Tgt Ion: 62 Resp: 188666

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 56.522 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

BFB056

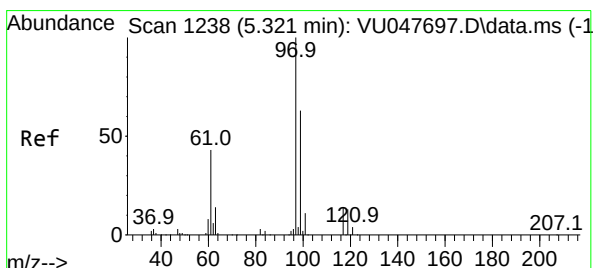
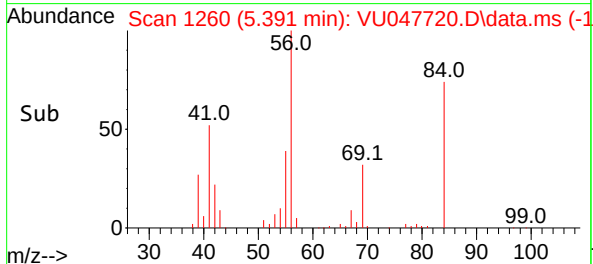
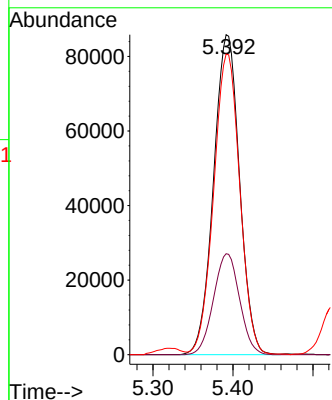
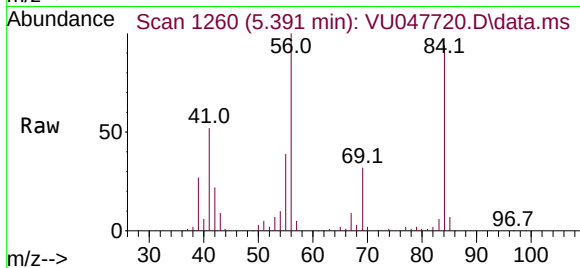
Tgt Ion: 56 Resp: 193297

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 94.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 55.885 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

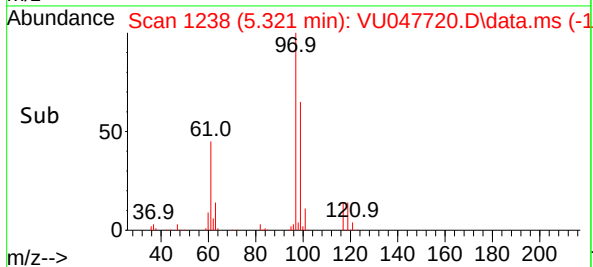
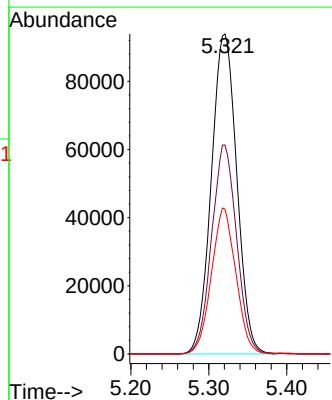
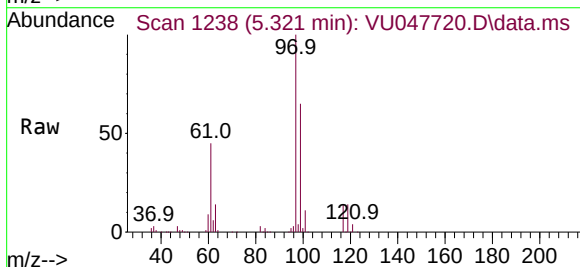
Tgt Ion: 97 Resp: 213565

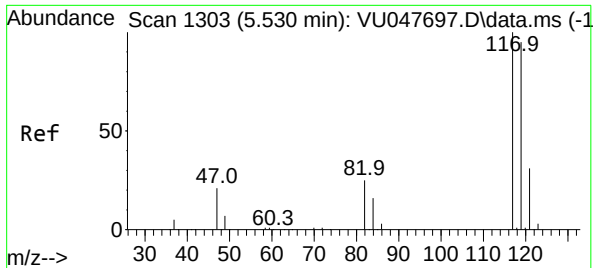
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.7 34.2 51.4

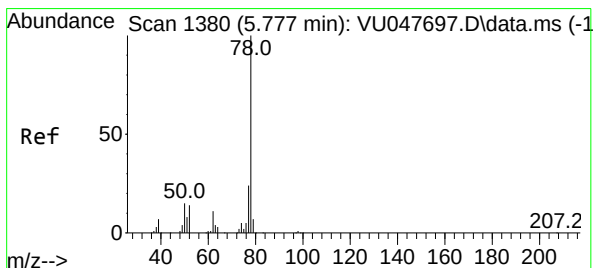
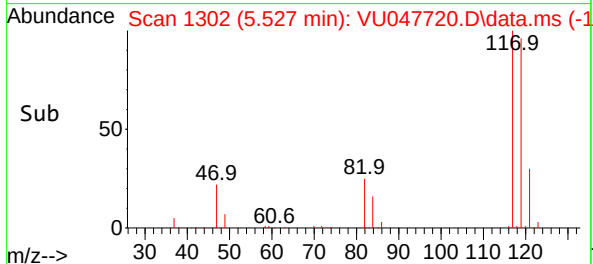
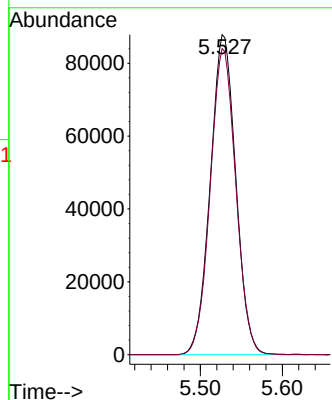
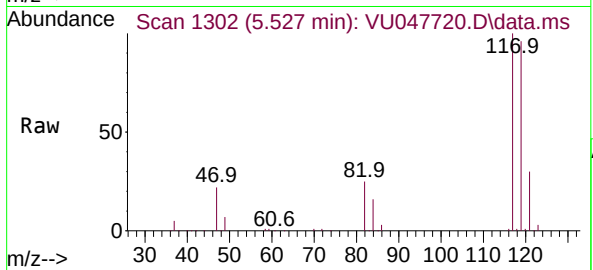




#31
Carbon tetrachloride
Concen: 54.825 ug/L
RT: 5.527 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

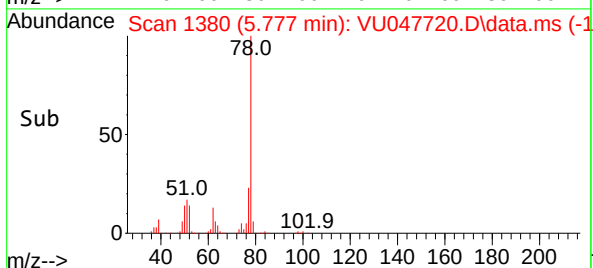
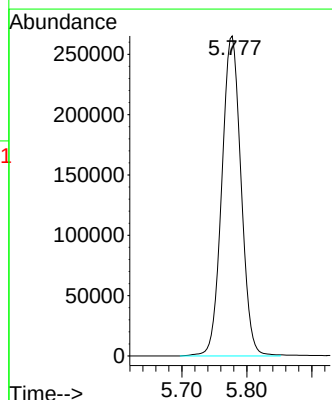
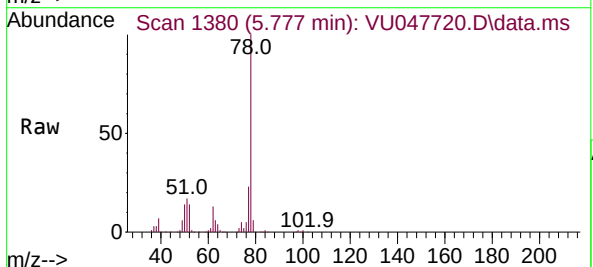
Instrument :
MSVOA_U
ClientSampleId :
BFB056

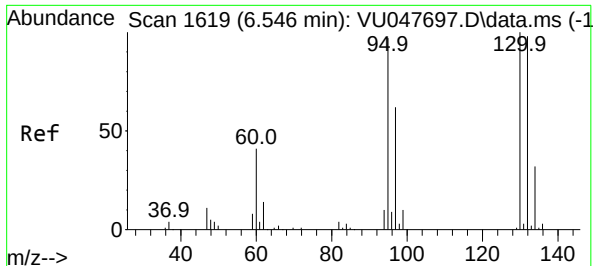
Tgt Ion:117 Resp: 189190
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8



#33
Benzene
Concen: 55.743 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 78 Resp: 543782

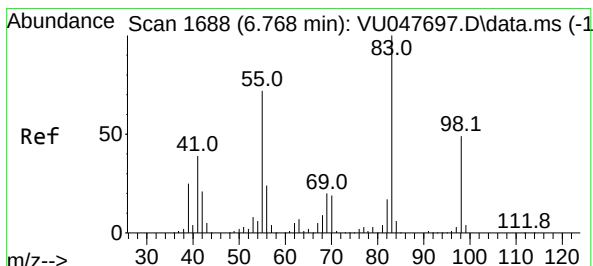
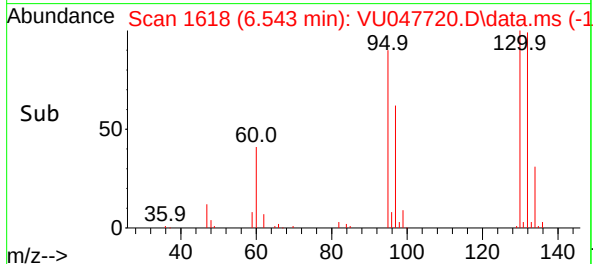
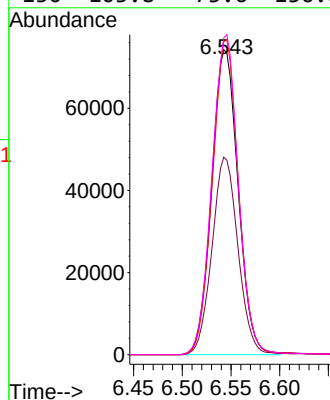
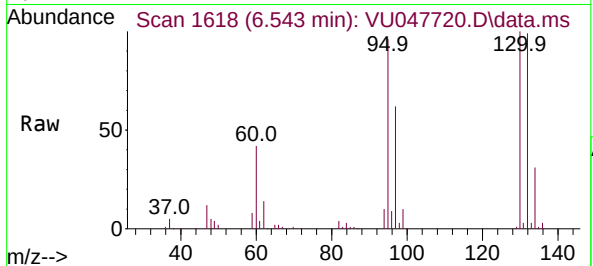




#34
Trichloroethene
Concen: 54.991 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

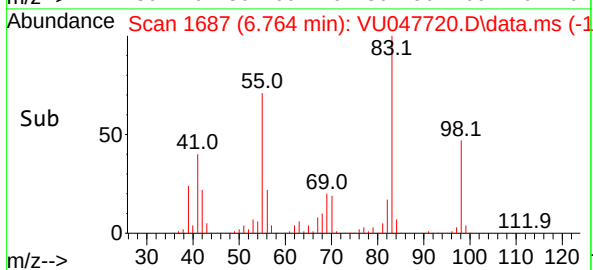
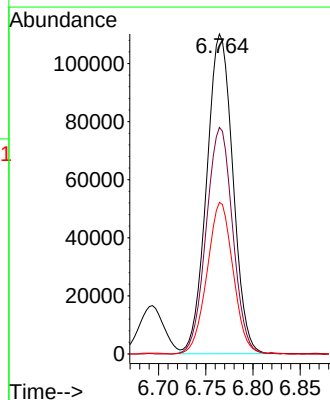
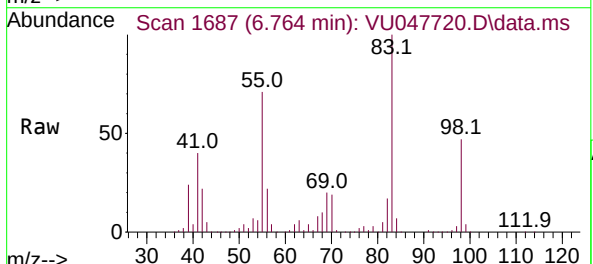
Instrument :
MSVOA_U
ClientSampleId :
BFB056

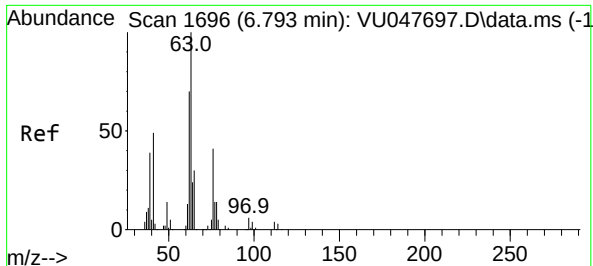
Tgt Ion: 95 Resp: 140641
Ion Ratio Lower Upper
95 100
97 64.7 44.7 82.9
132 102.6 70.4 130.8
130 103.8 73.6 136.8



#35
Methylcyclohexane
Concen: 54.645 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 83 Resp: 212613
Ion Ratio Lower Upper
83 100
55 71.5 56.8 85.2
98 47.1 38.1 57.1

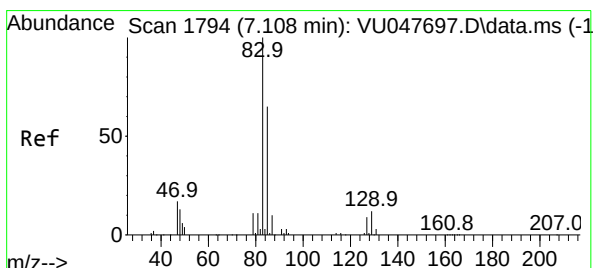
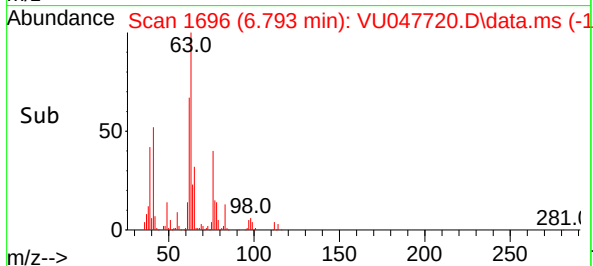
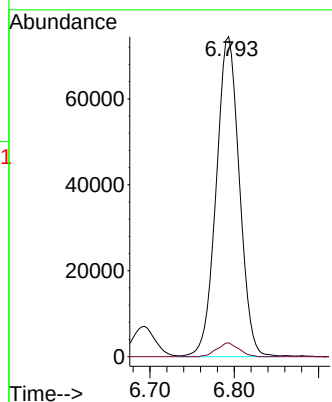
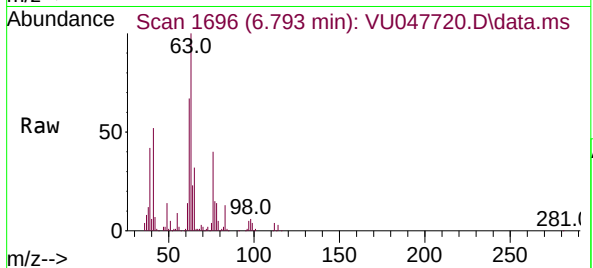




#37
1,2-Dichloropropane
Concen: 57.300 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

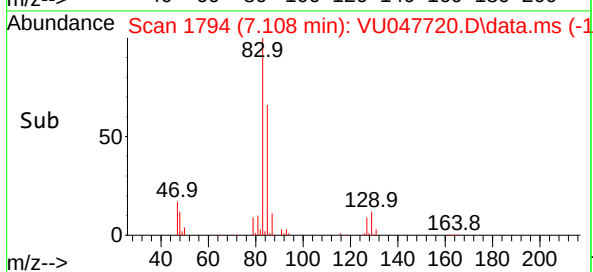
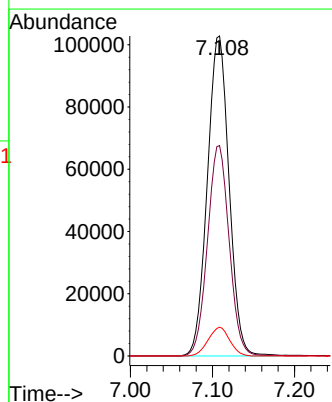
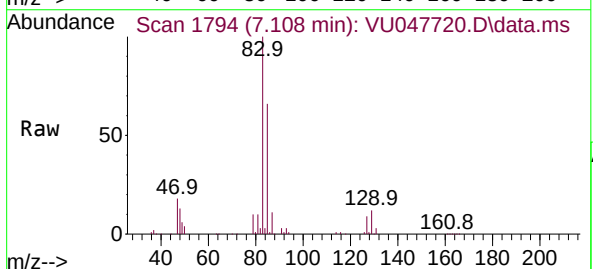
Instrument :
MSVOA_U
ClientSampleId :
BFB056

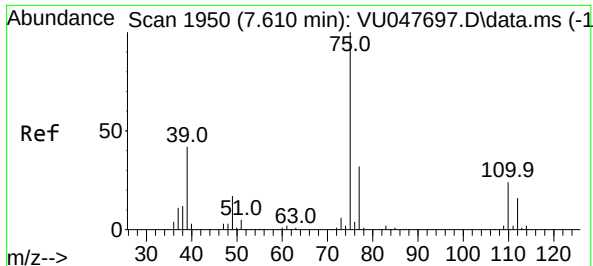
Tgt Ion: 63 Resp: 142099
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.2



#38
Bromodichloromethane
Concen: 55.607 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 83 Resp: 189370
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.4
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 57.110 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

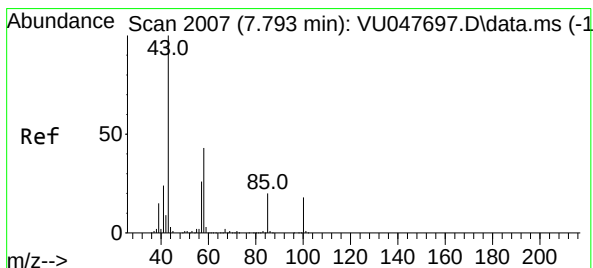
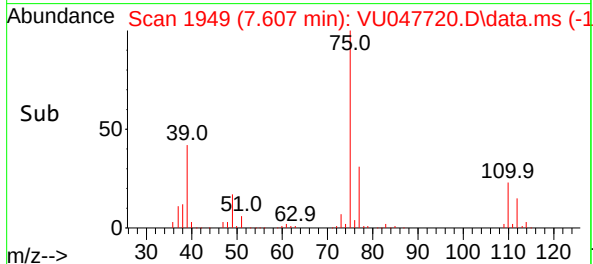
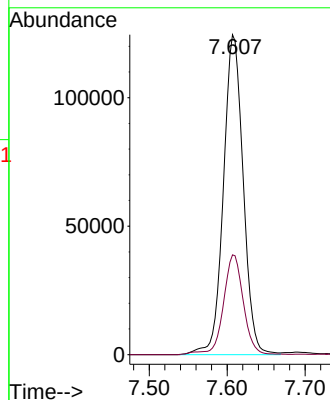
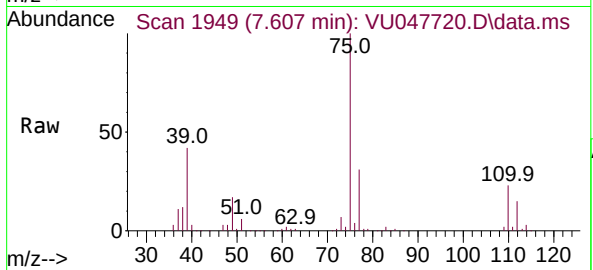
BFB056

Tgt Ion: 75 Resp: 219757

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 116.300 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

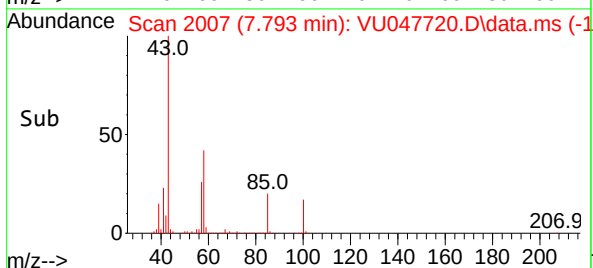
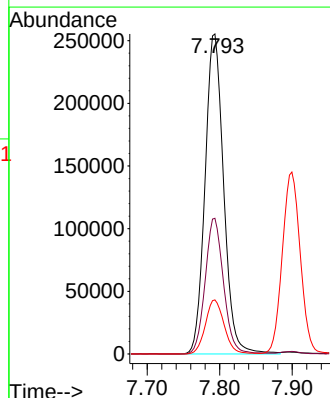
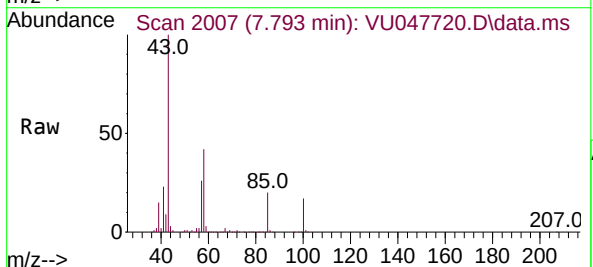
Tgt Ion: 43 Resp: 455838

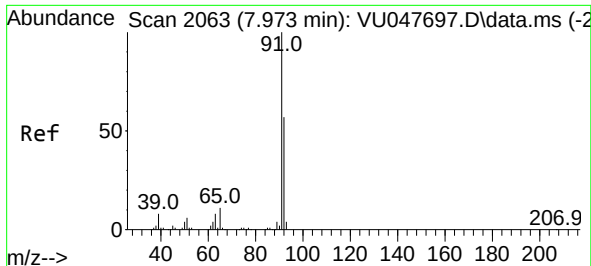
Ion Ratio Lower Upper

43 100

58 41.9 34.7 52.1

100 17.1 14.2 21.2





#42

Toluene

Concen: 56.695 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

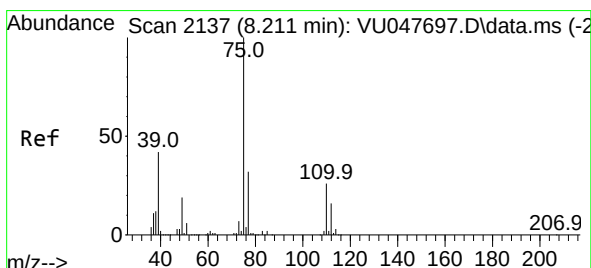
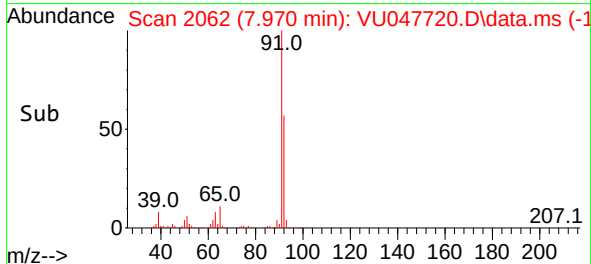
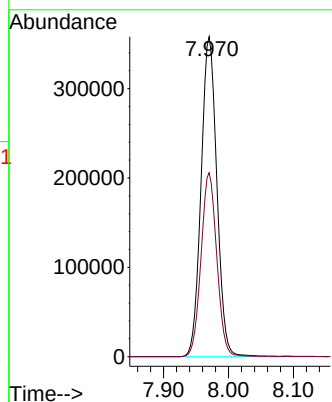
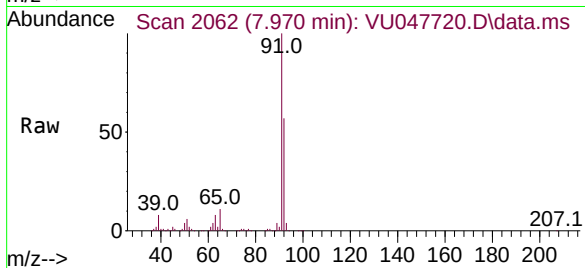
BFB056

Tgt Ion: 91 Resp: 606847

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.635 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047720.D

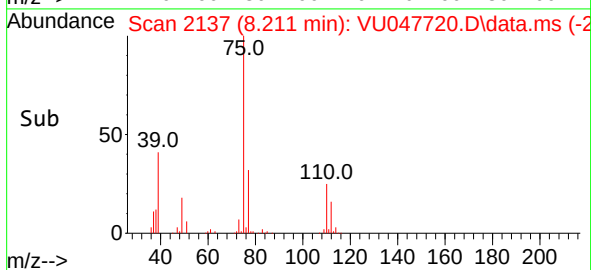
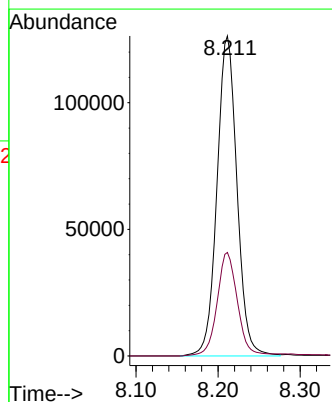
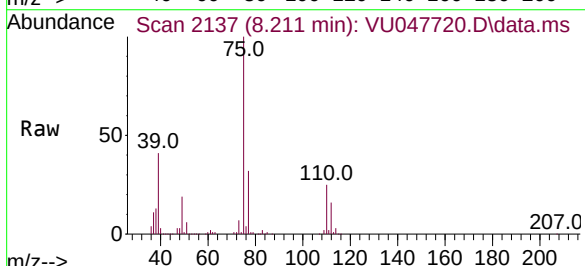
Acq: 26 Mar 2022 19:29

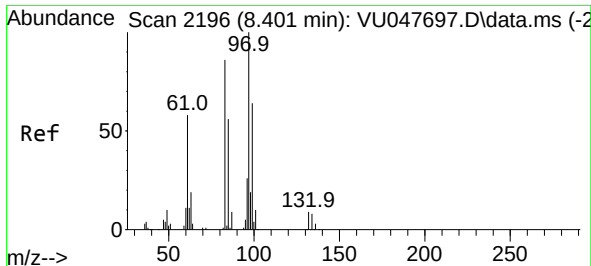
Tgt Ion: 75 Resp: 213746

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8

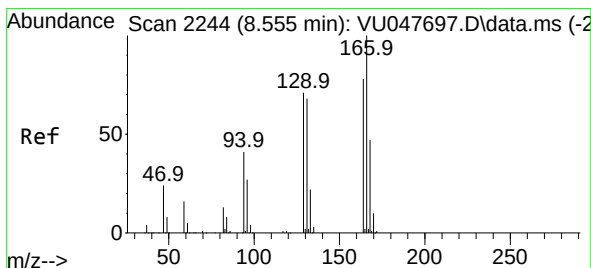
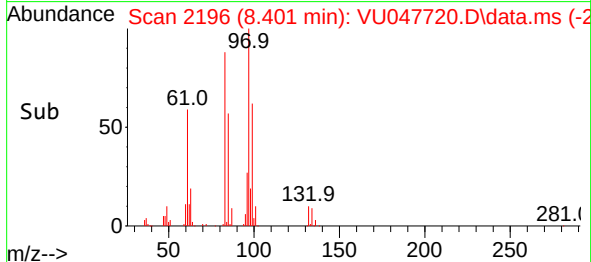
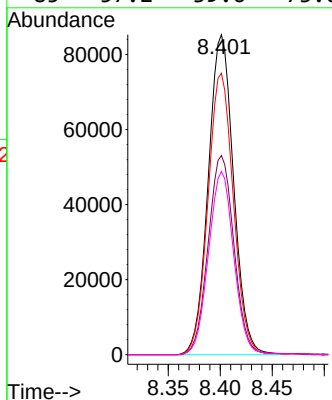
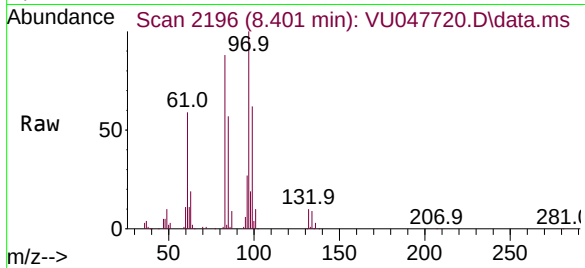




#45
1,1,2-Trichloroethane
Concen: 55.067 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

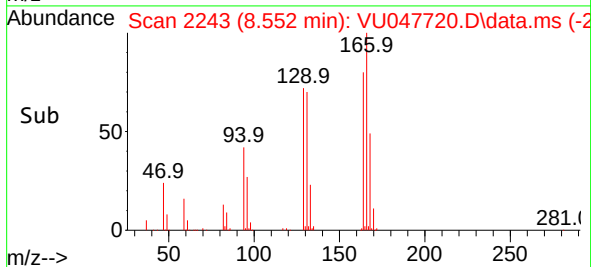
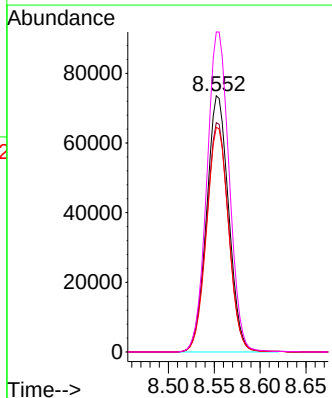
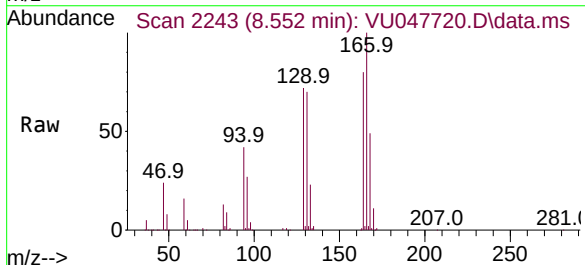
Instrument :
MSVOA_U
ClientSampleId :
BFB056

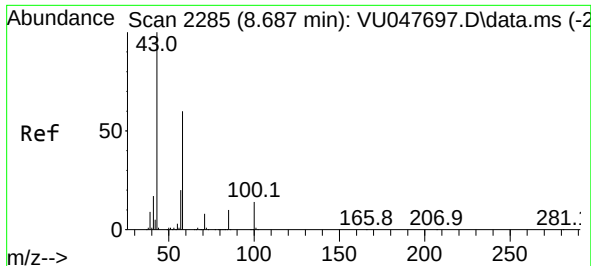
Tgt Ion: 97	Resp: 144832
Ion Ratio	Lower Upper
97 100	
99 62.3	43.3 80.3
83 88.0	61.0 113.4
85 57.2	39.6 73.6



#46
Tetrachloroethene
Concen: 53.690 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt	Ion:164	Resp:	123395
Ion	Ratio	Lower	Upper
164	100		
129	89.5	62.4	116.0
131	87.6	60.7	112.7
166	124.9	89.0	165.4

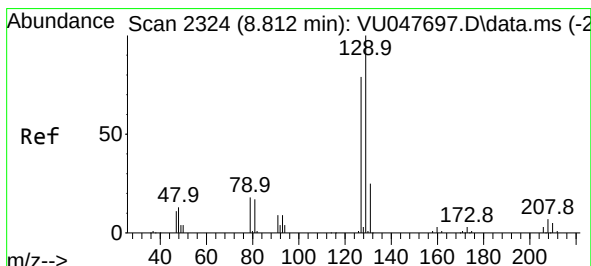
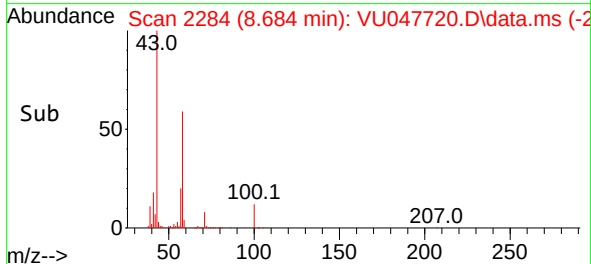
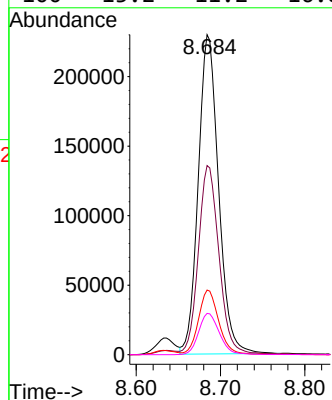
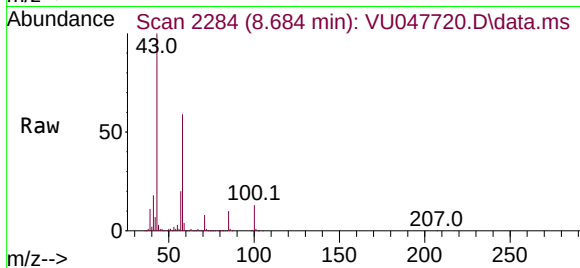




#48
2-Hexanone
Concen: 114.494 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

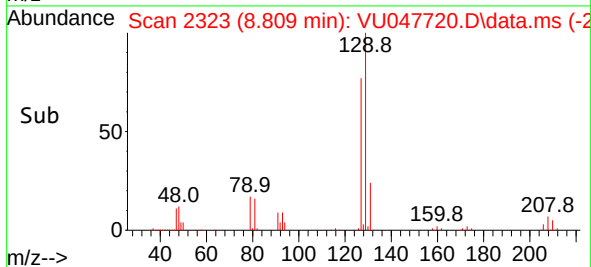
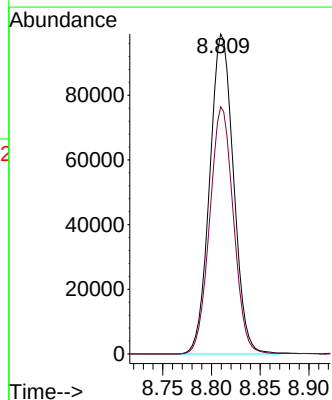
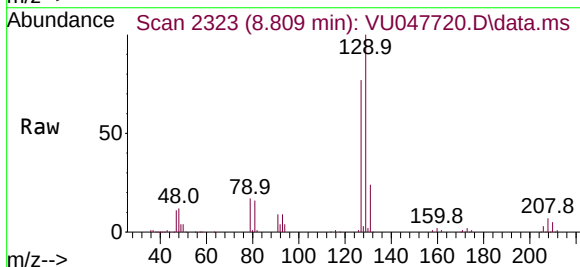
Instrument :
MSVOA_U
ClientSampleId :
BFB056

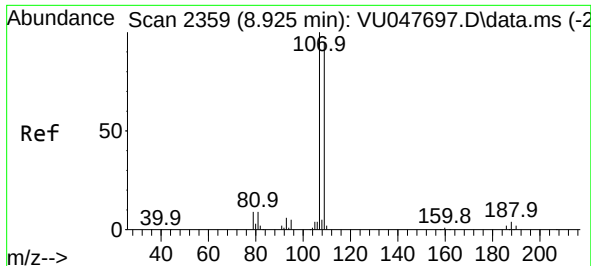
Tgt Ion: 43 Resp: 386017
Ion Ratio Lower Upper
43 100
58 59.5 48.1 72.1
57 19.8 16.2 24.4
100 13.2 11.2 16.8



#49
Dibromochloromethane
Concen: 55.308 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 129 Resp: 168485
Ion Ratio Lower Upper
129 100
127 77.3 54.2 100.6





#50

1,2-Dibromoethane

Concen: 55.615 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

BFB056

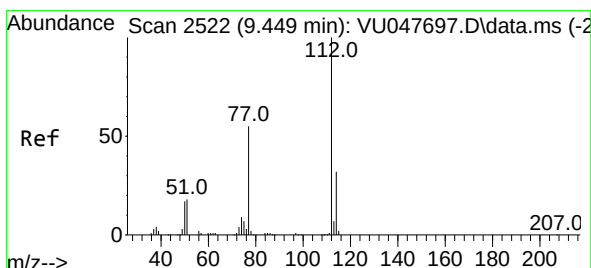
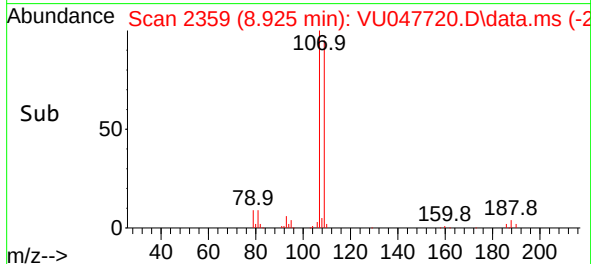
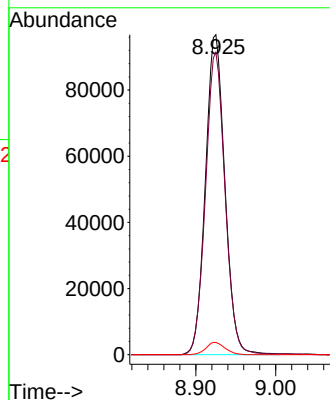
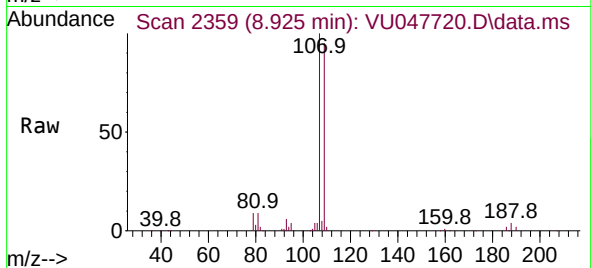
Tgt Ion:107 Resp: 163984

Ion Ratio Lower Upper

107 100

109 94.5 66.6 123.6

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 54.417 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

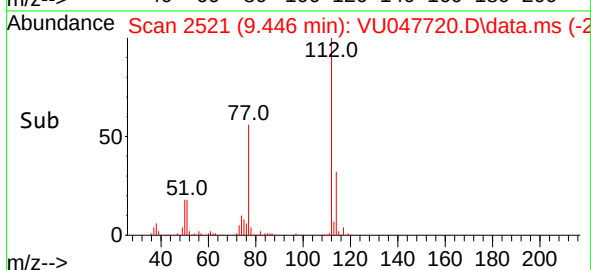
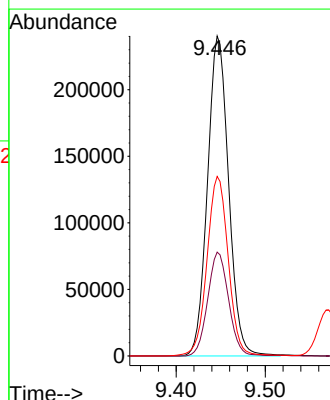
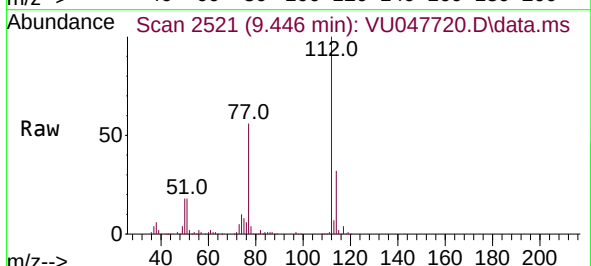
Tgt Ion:112 Resp: 395488

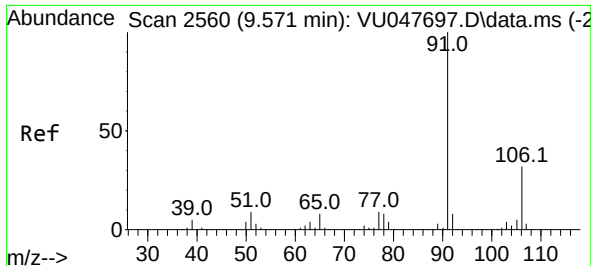
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 56.1 43.4 65.0





#52

Ethylbenzene

Concen: 56.986 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

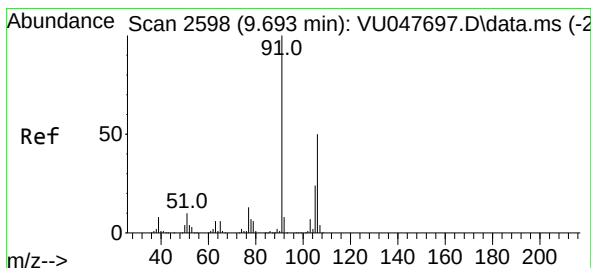
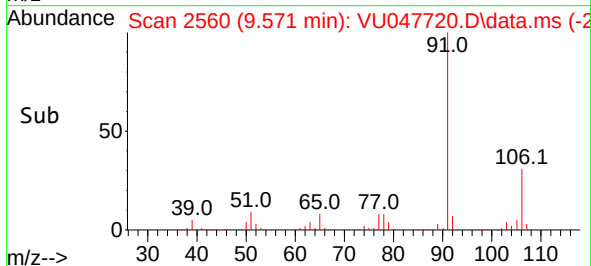
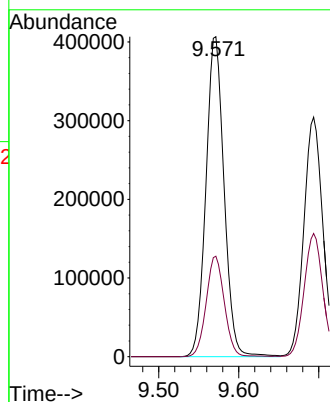
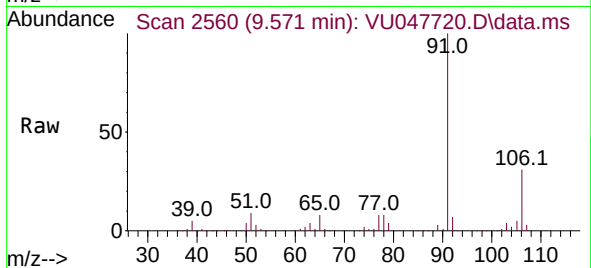
BFB056

Tgt Ion: 91 Resp: 641359

Ion Ratio Lower Upper

91 100

106 31.4 22.4 41.6



#53

m,p-Xylene

Concen: 57.911 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU047720.D

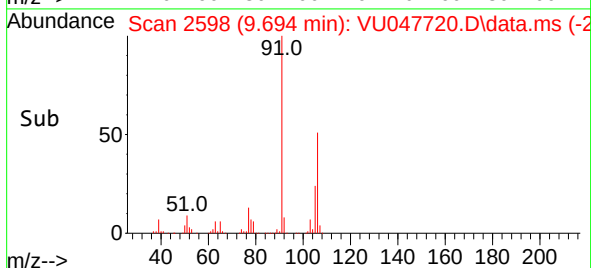
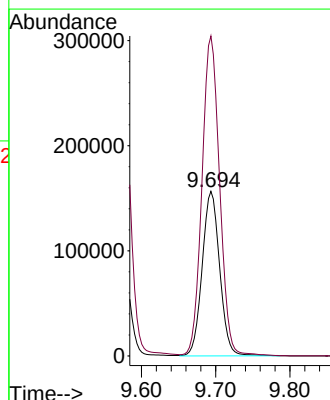
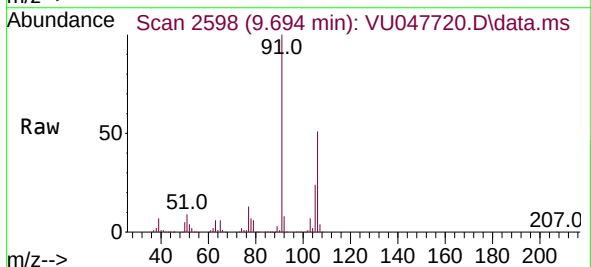
Acq: 26 Mar 2022 19:29

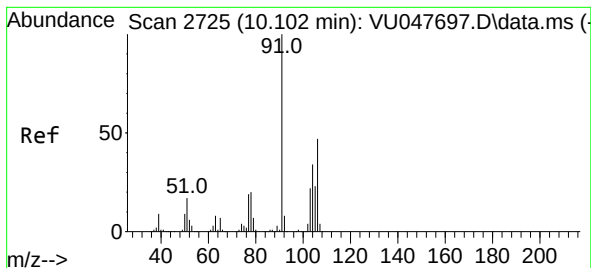
Tgt Ion: 106 Resp: 255739

Ion Ratio Lower Upper

106 100

91 194.4 137.7 255.7





#54

o-Xylene

Concen: 56.726 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

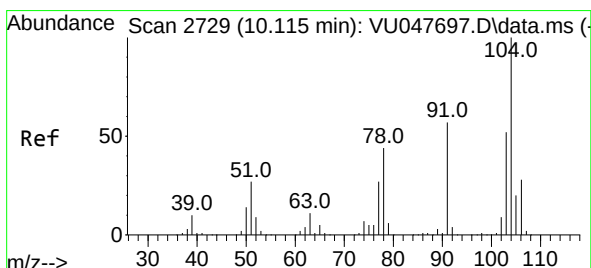
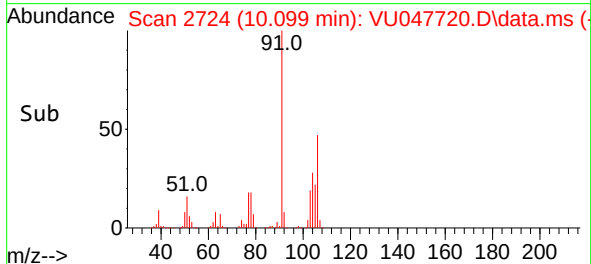
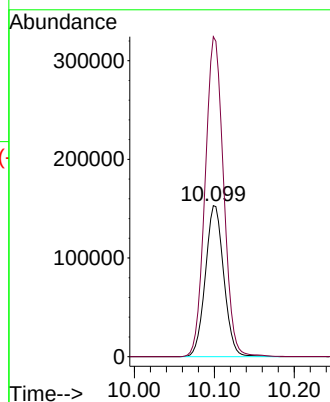
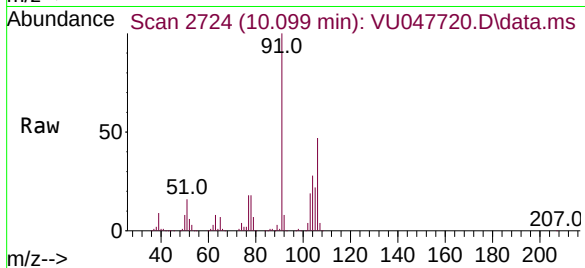
BFB056

Tgt Ion:106 Resp: 245866

Ion Ratio Lower Upper

106 100

91 212.0 146.7 272.5



#55

Styrene

Concen: 57.796 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047720.D

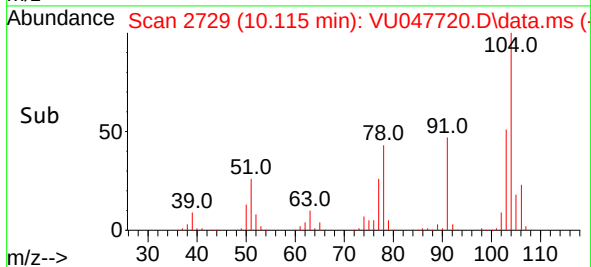
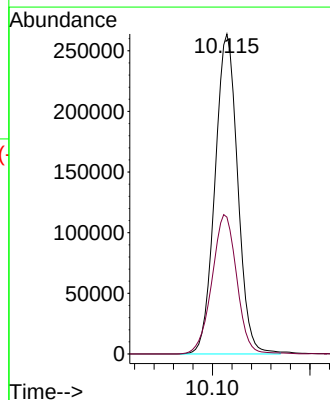
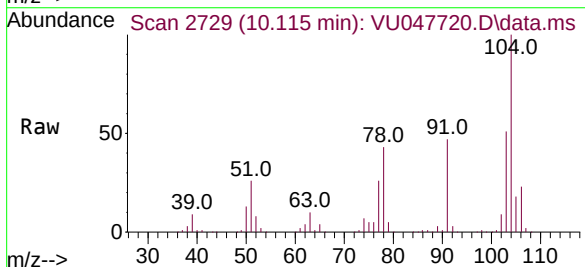
Acq: 26 Mar 2022 19:29

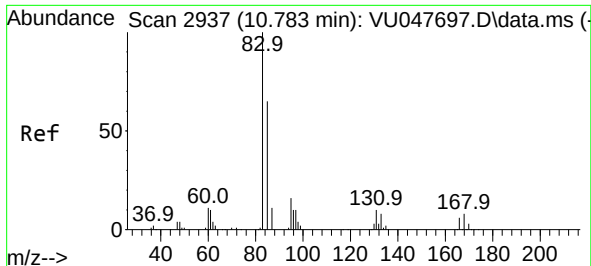
Tgt Ion:104 Resp: 427686

Ion Ratio Lower Upper

104 100

78 42.8 30.4 56.4

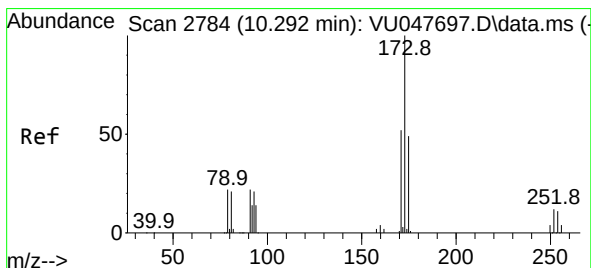
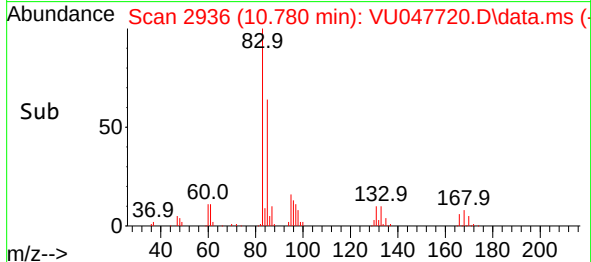
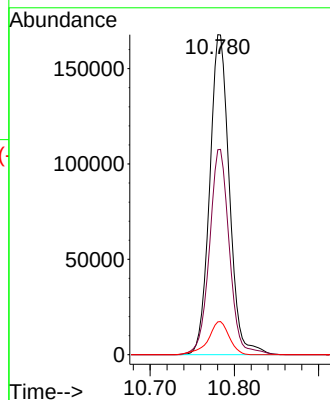
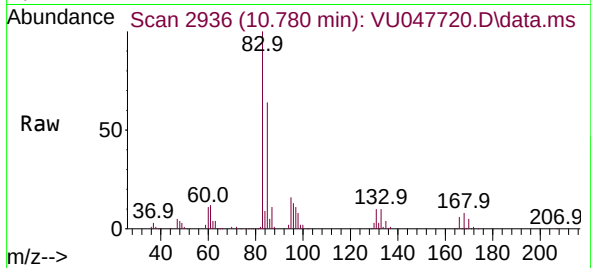




#57
1,1,2-Tetrachloroethane
Concen: 55.166 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

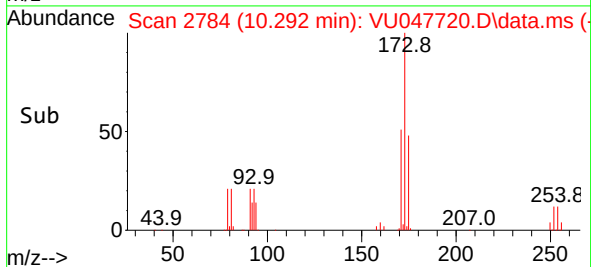
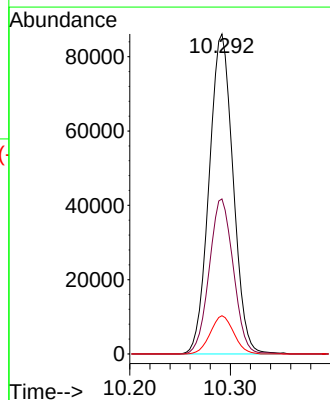
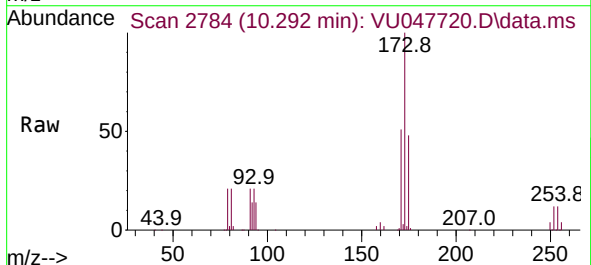
Instrument :
MSVOA_U
ClientSampleId :
BFB056

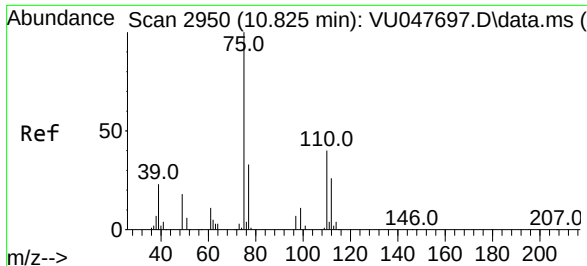
Tgt Ion: 83 Resp: 272012
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 10.3 8.6 13.0



#59
Bromoform
Concen: 54.442 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 173 Resp: 142708
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 11.7 9.6 14.4

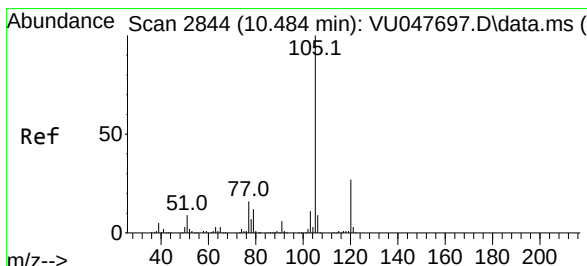
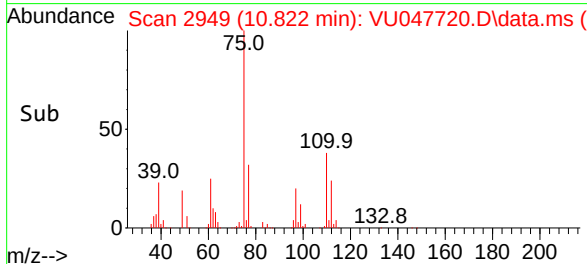
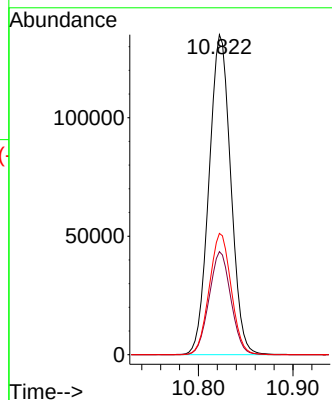
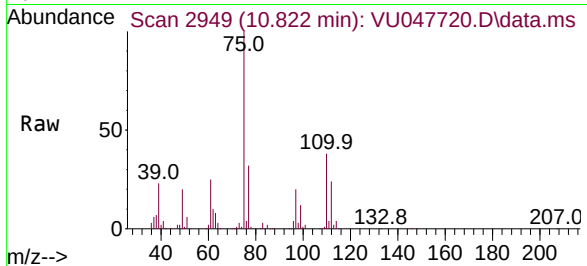




#60
1,2,3-Trichloropropane
Concen: 55.847 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

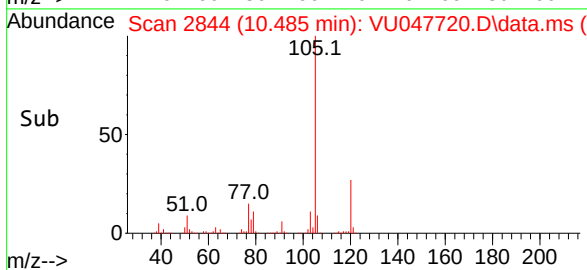
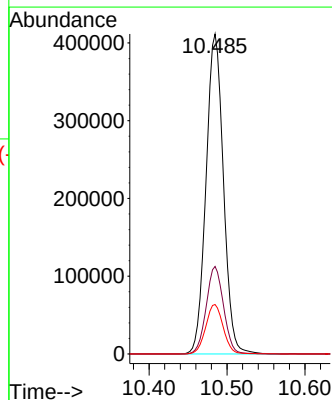
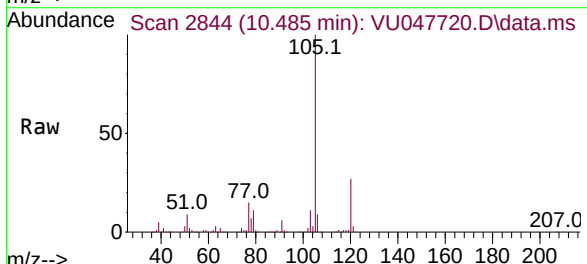
Instrument :
MSVOA_U
ClientSampleId :
BFB056

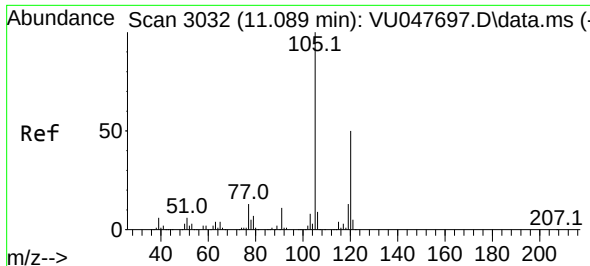
Tgt Ion: 75 Resp: 215819
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 38.2 31.4 47.2



#61
Isopropylbenzene
Concen: 57.573 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion: 105 Resp: 637845
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.6 12.1 18.1

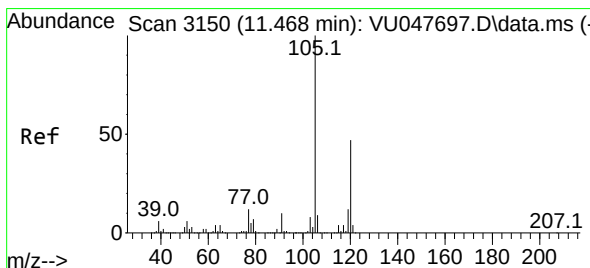
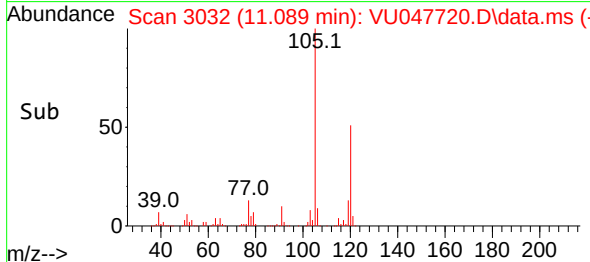
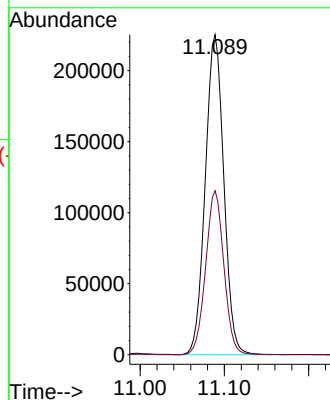
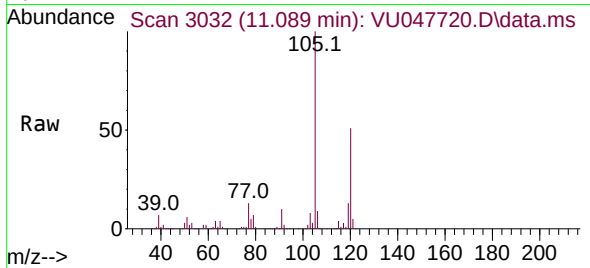




#62
1,3,5-Trimethylbenzene
Concen: 57.420 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

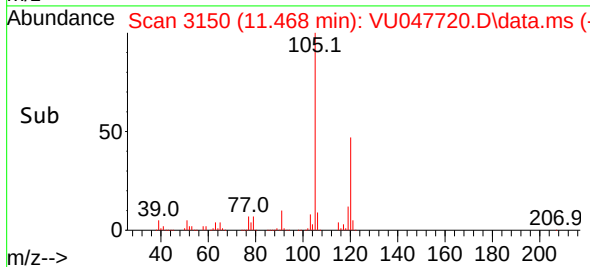
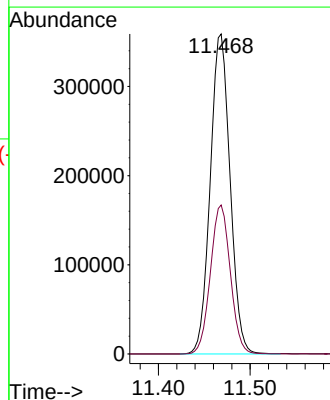
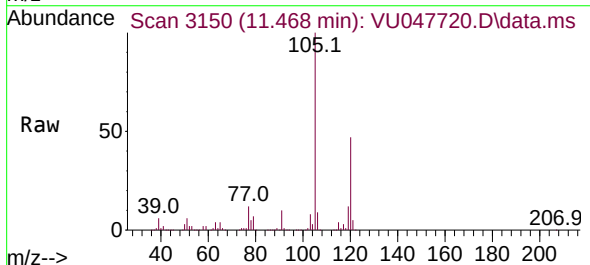
Instrument :
MSVOA_U
ClientSampleId :
BFB056

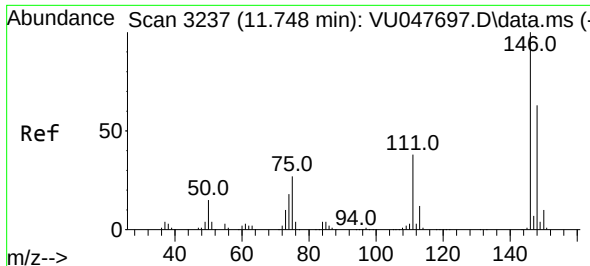
Tgt Ion:105 Resp: 345156
Ion Ratio Lower Upper
105 100
120 50.3 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 59.007 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion:105 Resp: 538772
Ion Ratio Lower Upper
105 100
120 46.8 37.6 56.4

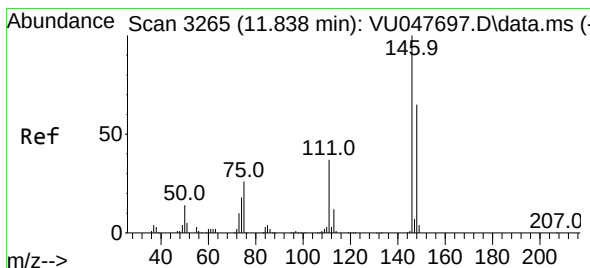
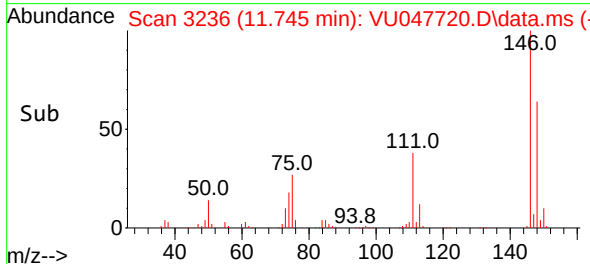
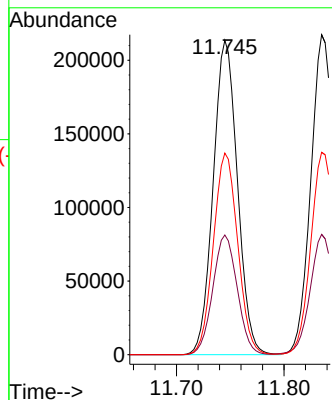
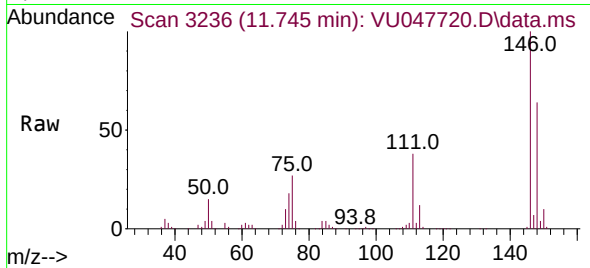




#64
1,3-Dichlorobenzene
Concen: 54.374 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

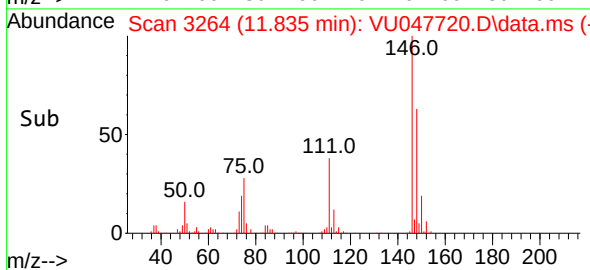
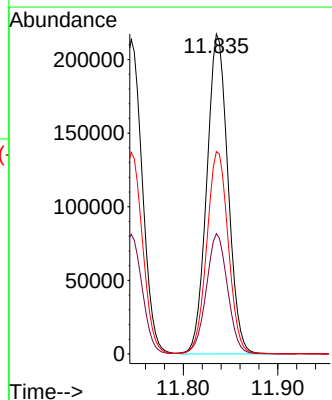
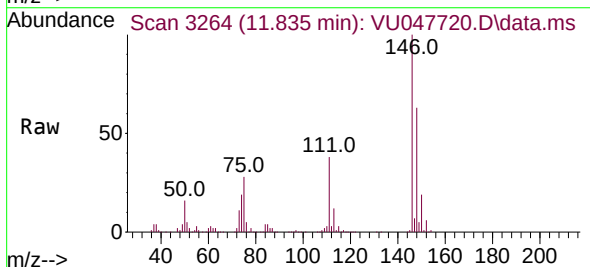
Instrument :
MSVOA_U
ClientSampleId :
BFB056

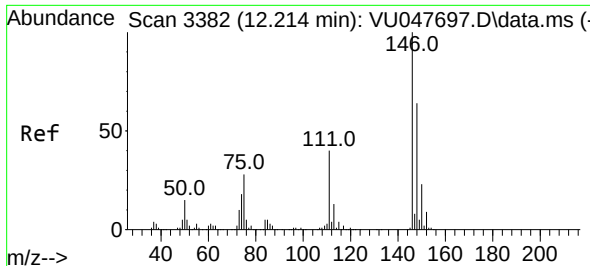
Tgt Ion:146 Resp: 334825
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 53.019 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion:146 Resp: 338168
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 63.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 55.009 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

BFB056

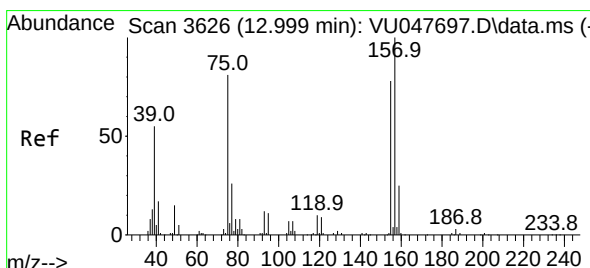
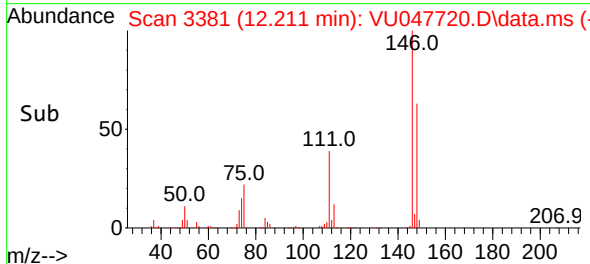
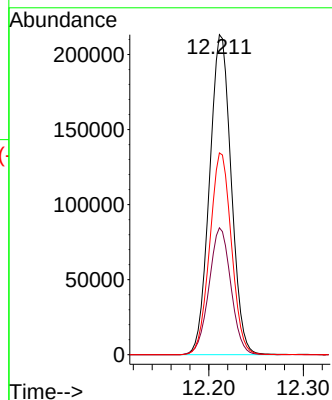
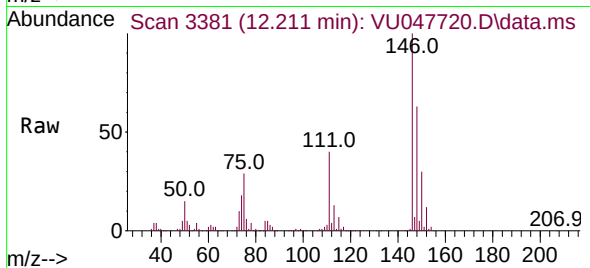
Tgt Ion:146 Resp: 338940

Ion Ratio Lower Upper

146 100

111 39.7 31.7 47.5

148 63.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 56.801 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047720.D

Acq: 26 Mar 2022 19:29

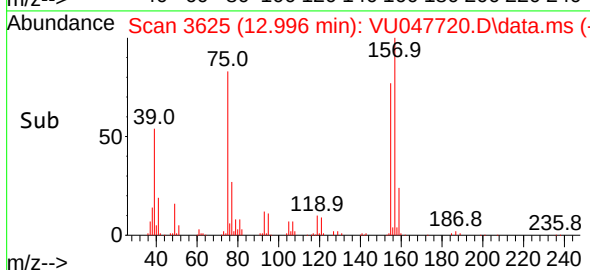
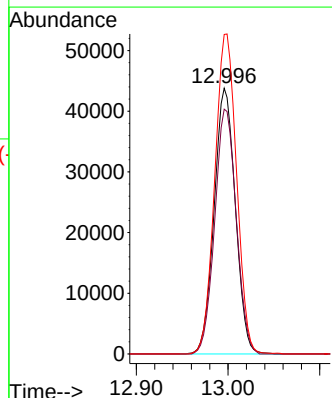
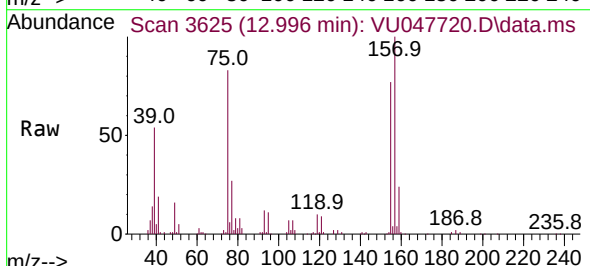
Tgt Ion: 75 Resp: 70312

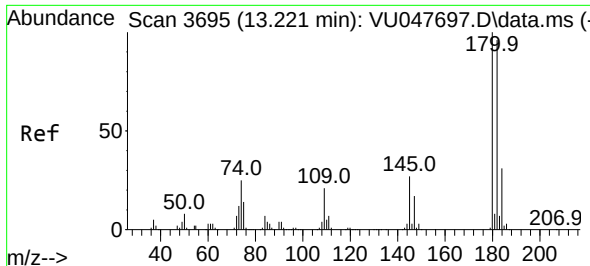
Ion Ratio Lower Upper

75 100

155 92.1 78.9 118.3

157 120.2 97.5 146.3

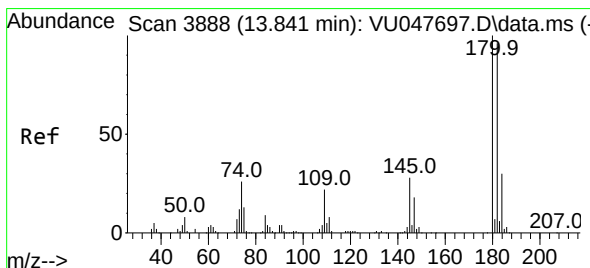
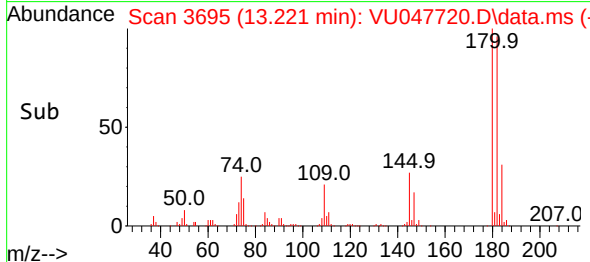
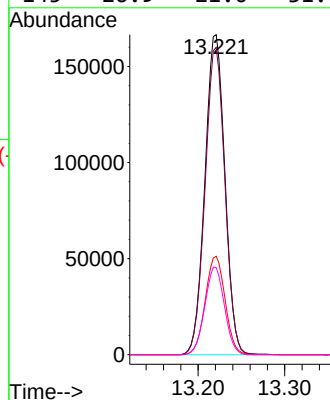
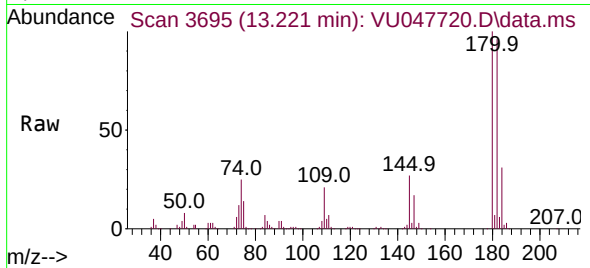




#69
 1,3,5-Trichlorobenzene
 Concen: 53.405 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

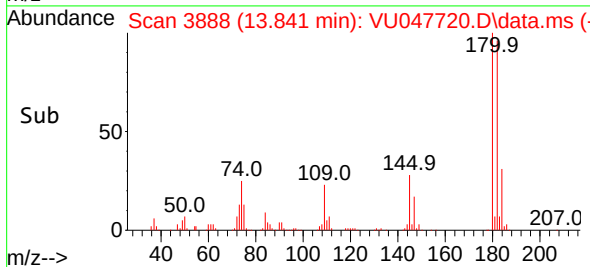
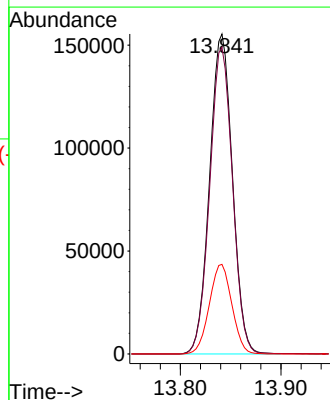
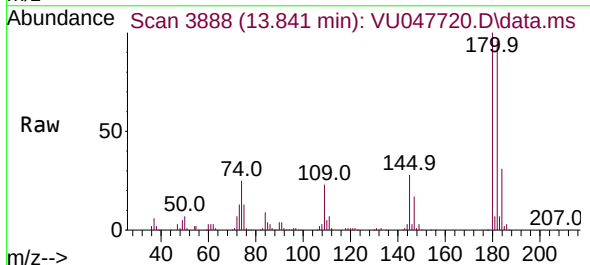
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB056

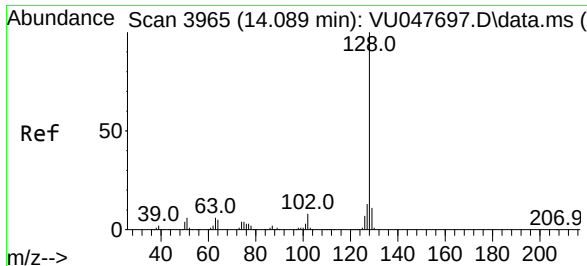
Tgt Ion:180	Resp:	267083
Ion Ratio	Lower	Upper
180	100	
182	95.3	77.0 115.6
184	30.5	24.5 36.7
145	26.9	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 55.981 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047720.D
 Acq: 26 Mar 2022 19:29

Tgt Ion:180	Resp:	245221
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.2 114.2
145	27.6	21.8 32.8

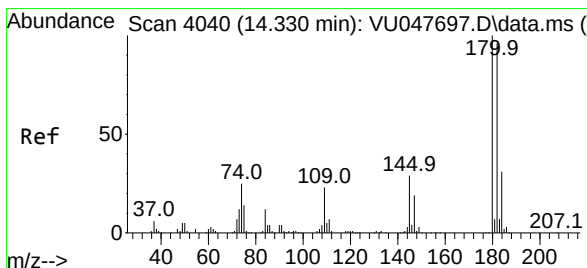
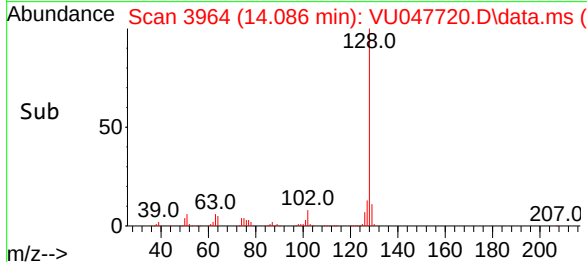
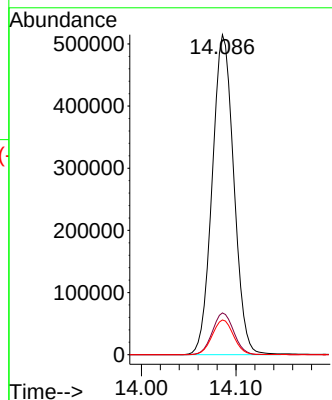
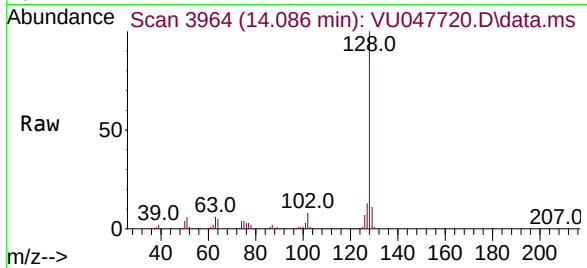




#71
Naphthalene
Concen: 62.522 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
BFB056

Tgt Ion:128 Resp: 816525
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.162 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047720.D
Acq: 26 Mar 2022 19:29

Tgt Ion:180 Resp: 251018
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.0
145 29.4 22.8 34.2

