

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047391.D
 Acq On : 08 Mar 2022 15:04
 Operator : SY/MD
 Sample : N1810-21MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA6MSD

Quant Time: Mar 09 03:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	194522	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40976	2.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.919	69	42661	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.572	65	18169	3.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.639	46	194170	42.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.680%
24) Chloroform-d	5.067	84	111121	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.707	65	61838	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.729	84	202741	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.694	67	69440	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.899	98	180457	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	29755	4.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.636	63	191419	47.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	73109	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	84444	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63979	5.217	ug/L	99
3) Chloromethane	1.523	50	62687	4.622	ug/L	100
5) Vinyl chloride	1.607	62	63344	4.911	ug/L	99
6) Bromomethane	1.861	94	32557	4.661	ug/L	100
8) Chloroethane	1.938	64	37256	4.994	ug/L	99
9) Trichlorofluoromethane	2.144	101	81897	5.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50195	5.363	ug/L	92
12) 1,1-Dichloroethene	2.584	96	48282	5.064	ug/L	80
13) Acetone	2.658	43	69380	37.921	ug/L	98
14) Carbon disulfide	2.800	76	152476	4.962	ug/L	100
15) Methyl Acetate	2.964	43	20556	4.904	ug/L	96
16) Methylene chloride	3.051	84	53104	4.784	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	127716	5.002	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	53469	5.164	ug/L	91
19) 1,1-Dichloroethane	3.874	63	90023	5.222	ug/L	99
21) 2-Butanone	4.723	43	134689	38.726	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	58303	5.172	ug/L	97
23) Bromochloromethane	4.980	128	28105	4.992	ug/L	# 84
25) Chloroform	5.092	83	94604	5.016	ug/L	98

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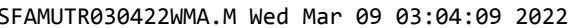
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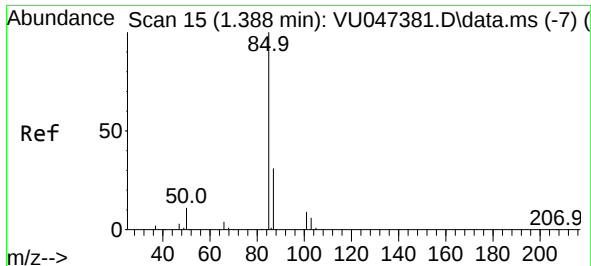
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	61861	4.869	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	82858	5.407	ug/L	98
30) Cyclohexane	5.391	56	81264	5.419	ug/L	96
31) Carbon tetrachloride	5.530	117	72091	5.448	ug/L	100
33) Benzene	5.777	78	213795	5.191	ug/L	100
34) Trichloroethene	6.546	95	55949	5.169	ug/L	92
35) Methylcyclohexane	6.764	83	87725	5.285	ug/L	94
37) 1,2-Dichloropropane	6.793	63	53105	5.199	ug/L	100
38) Bromodichloromethane	7.108	83	69662	5.197	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	81682	5.037	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	362833	47.095	ug/L	97
42) Toluene	7.970	91	234972	5.264	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	73841	5.138	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	44538	5.043	ug/L	98
47) Tetrachloroethene	8.555	164	47519	5.153	ug/L	90
48) 2-Hexanone	8.687	43	270524	47.077	ug/L	98
49) Dibromochloromethane	8.813	129	53339	5.132	ug/L	96
50) 1,2-Dibromoethane	8.925	107	45190	5.009	ug/L #	97
51) Chlorobenzene	9.449	112	155364	5.168	ug/L	96
52) Ethylbenzene	9.571	91	255441	5.349	ug/L	98
53) m,p-Xylene	9.694	106	101863	5.368	ug/L	99
54) o-Xylene	10.102	106	97263	5.315	ug/L	100
55) Styrene	10.115	104	163481	5.269	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	59131	4.837	ug/L	95
59) Bromoform	10.292	173	32863	5.010	ug/L #	97
60) Isopropylbenzene	10.485	105	252028	5.525	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	41450	4.910	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	166200	5.459	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	218096	5.500	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	128643	5.271	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	131577	5.262	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	125115	5.184	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	9190	4.764	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.218	180	107771	5.296	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	97067	5.249	ug/L	98
71) Naphthalene	14.086	128	183293	4.972	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	89185	5.181	ug/L	97

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

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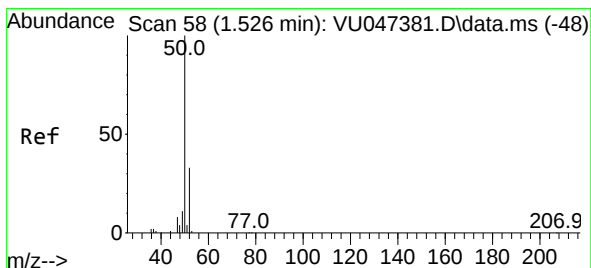
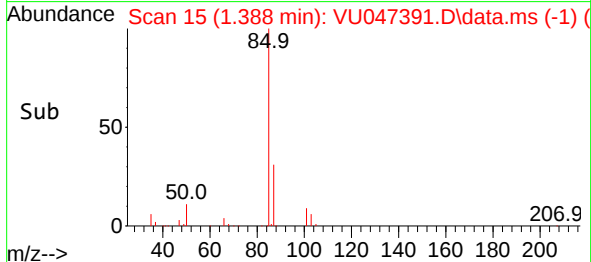
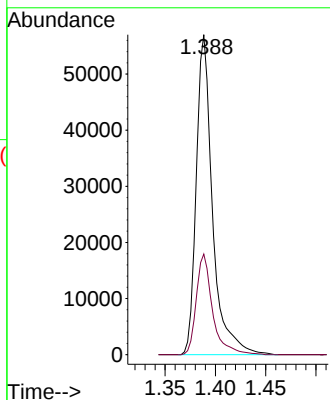
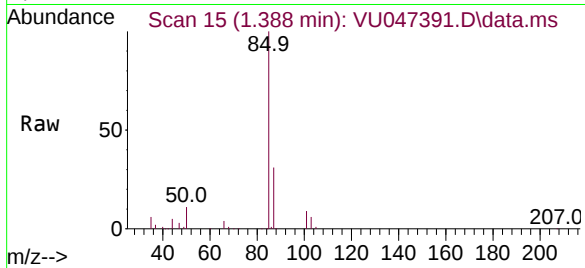




#2
Dichlorodifluoromethane
Concen: 5.217 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

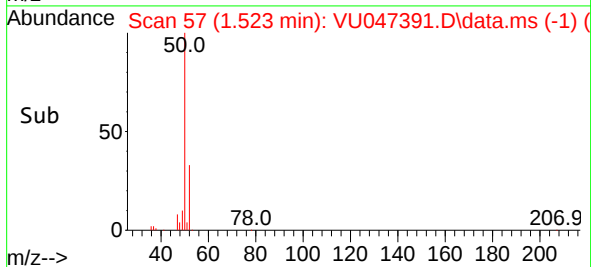
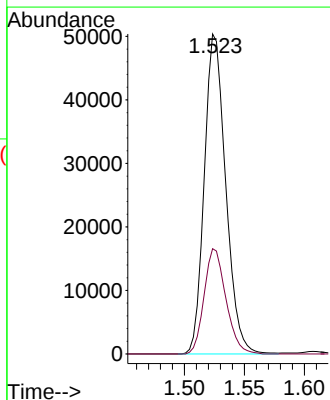
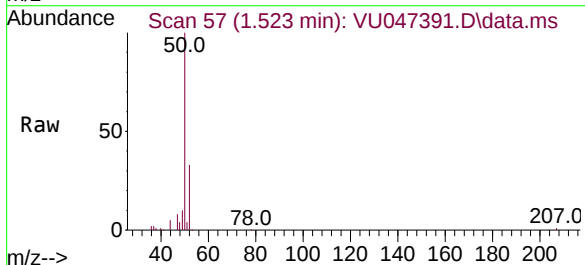
Instrument :
MSVOA_U
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GBDA6MSD

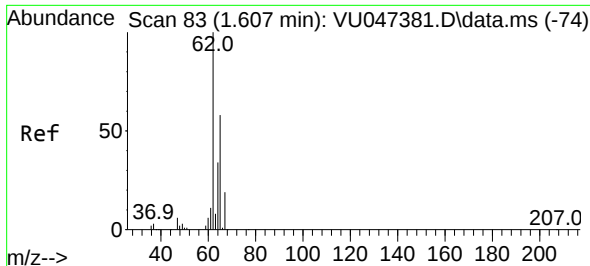
Tgt Ion: 85 Resp: 63979
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.6



#3
Chloromethane
Concen: 4.622 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 50 Resp: 62687
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

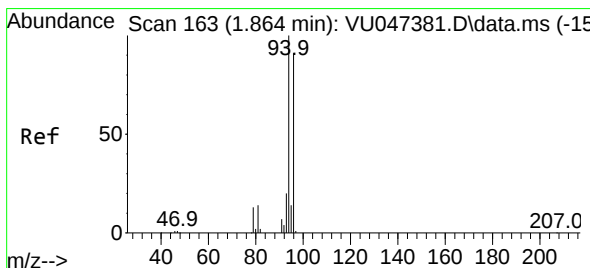
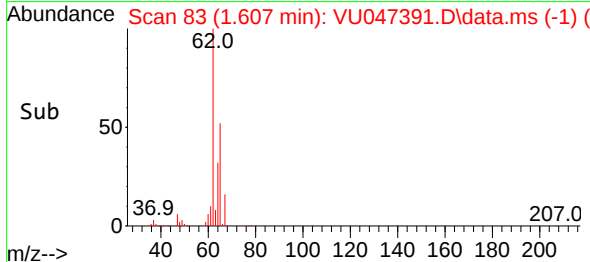
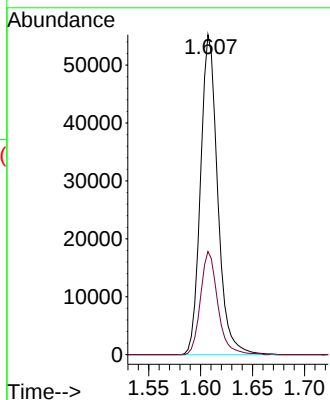
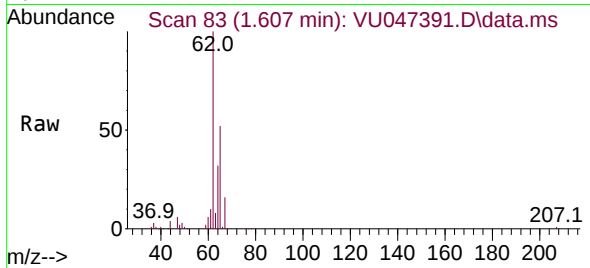




#5
 Vinyl chloride
 Concen: 4.911 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

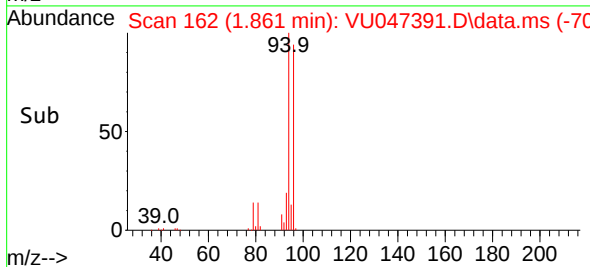
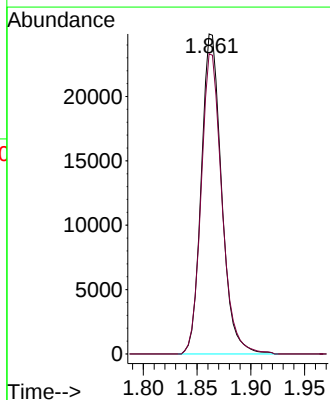
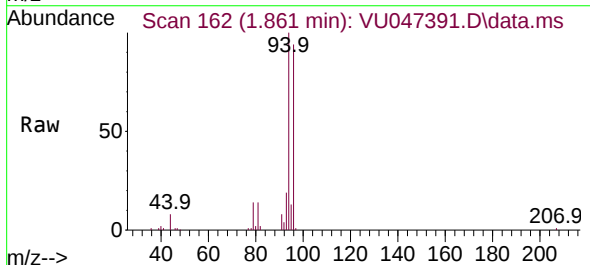
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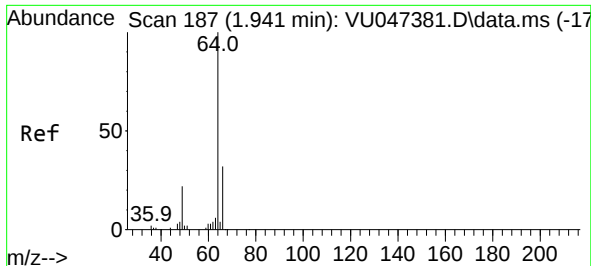
Tgt Ion: 62 Resp: 63344
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.661 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

Tgt Ion: 94 Resp: 32557
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.5 121.6

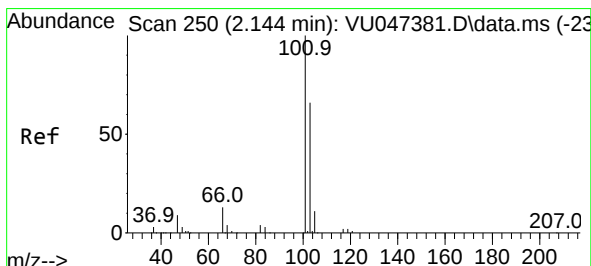
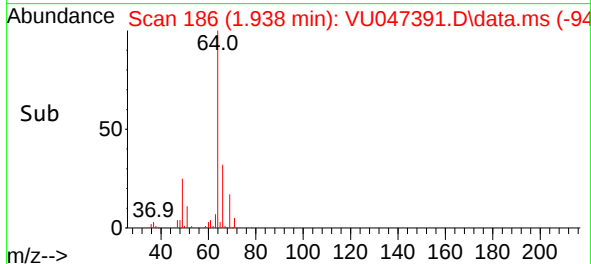
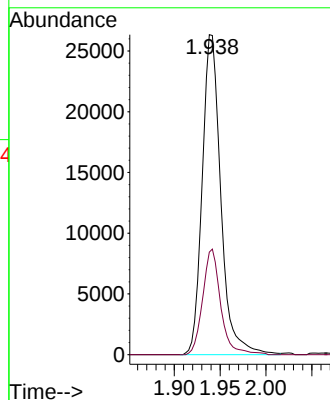
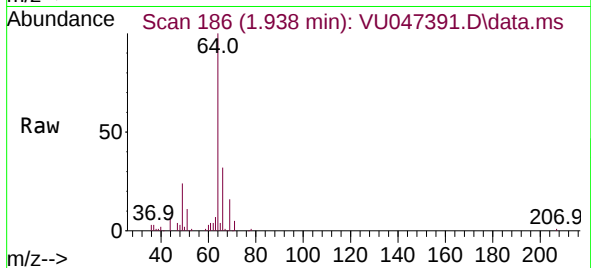




#8
Chloroethane
Concen: 4.994 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

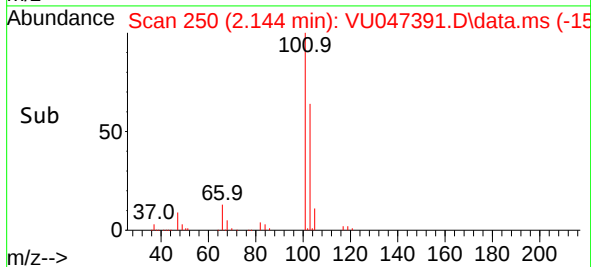
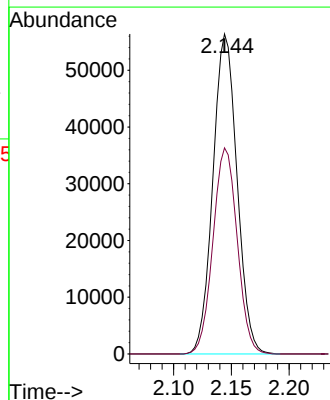
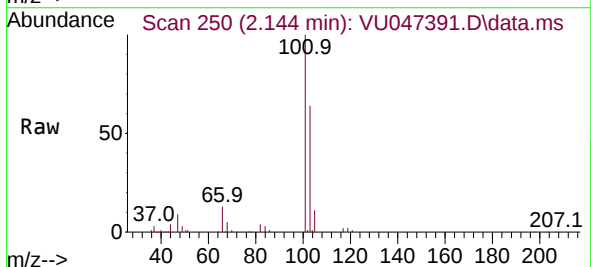
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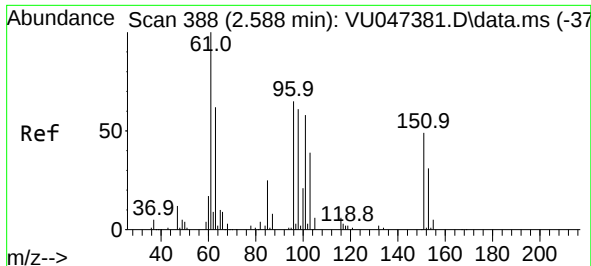
Tgt Ion: 64 Resp: 37256
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.108 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 101 Resp: 81897
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

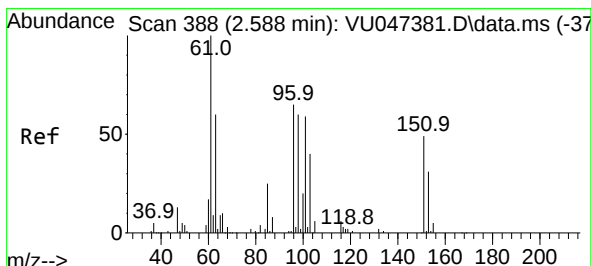
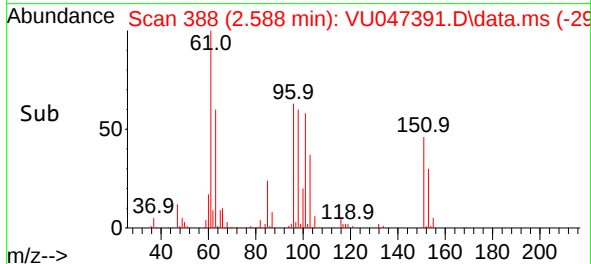
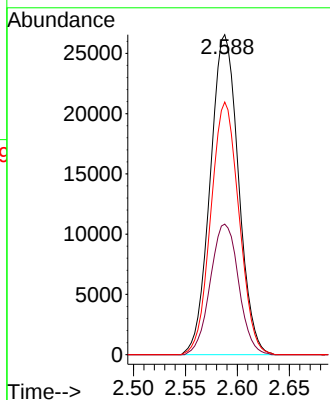
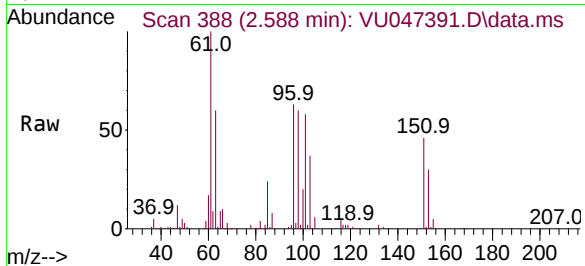




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.363 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

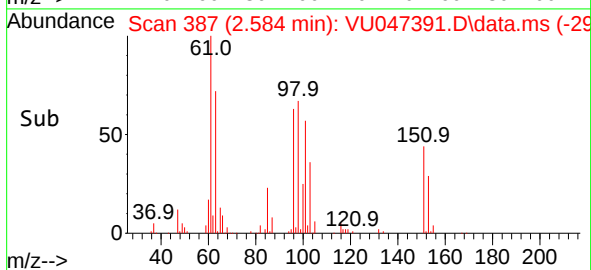
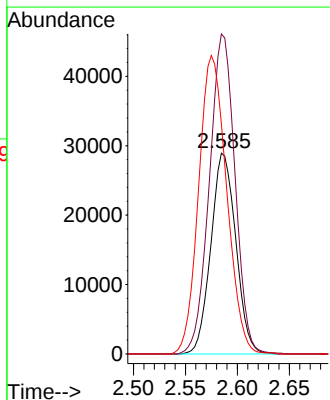
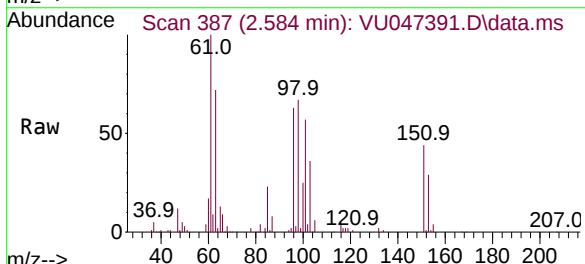
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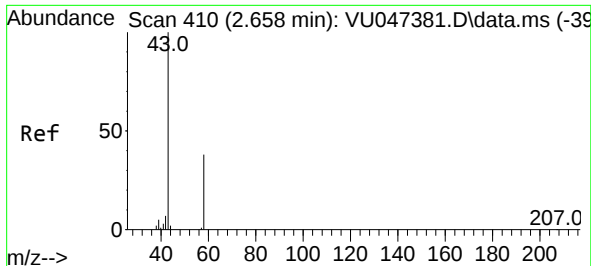
Tgt Ion:101 Resp: 50195
 Ion Ratio Lower Upper
 101 100
 85 40.9 34.6 51.8
 151 78.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.064 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

Tgt Ion: 96 Resp: 48282
 Ion Ratio Lower Upper
 96 100
 61 159.3 124.7 231.5
 63 114.5 105.2 195.4





#13

Acetone

Concen: 37.921 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

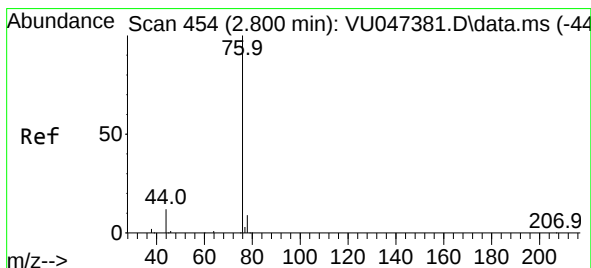
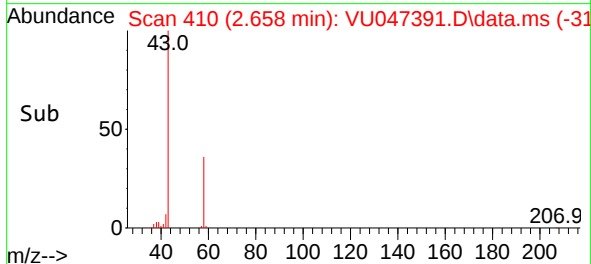
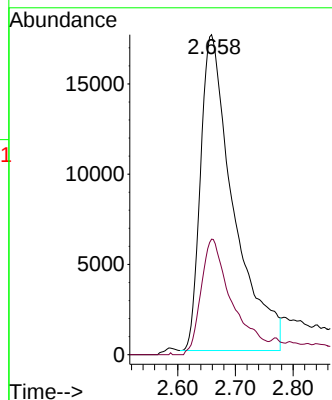
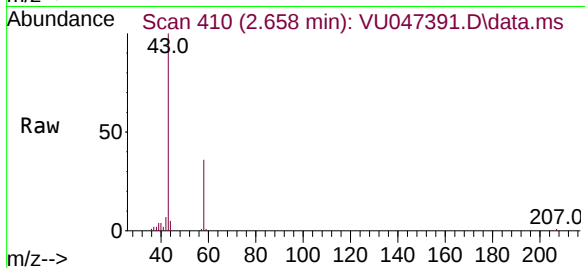
GBDA6MSD

Tgt Ion: 43 Resp: 69380

Ion Ratio Lower Upper

43 100

58 34.6 0.0 71.6



#14

Carbon disulfide

Concen: 4.962 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047391.D

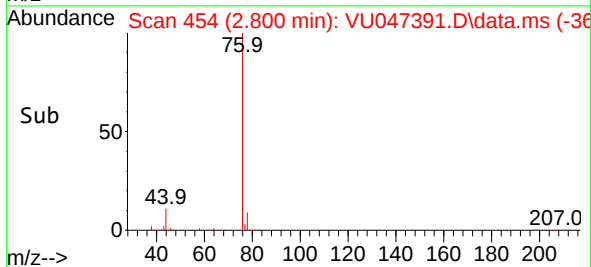
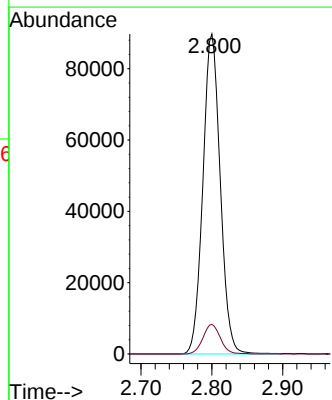
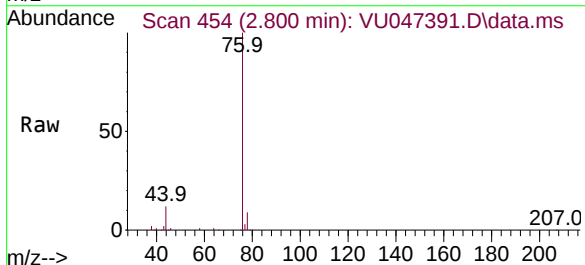
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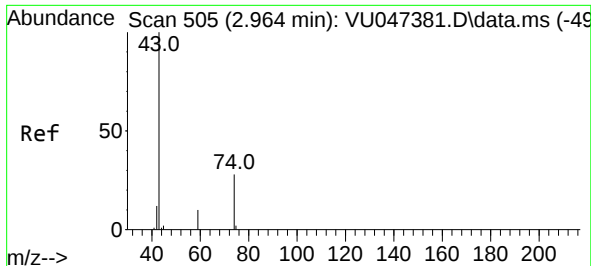
Tgt Ion: 76 Resp: 152476

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

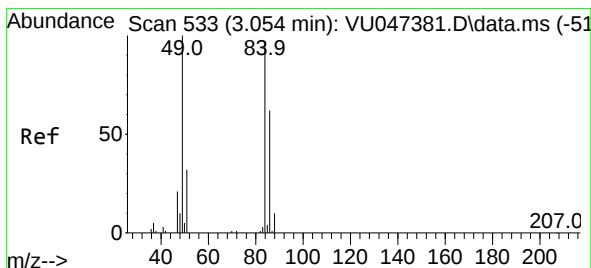
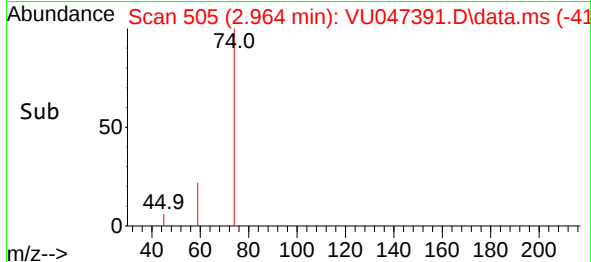
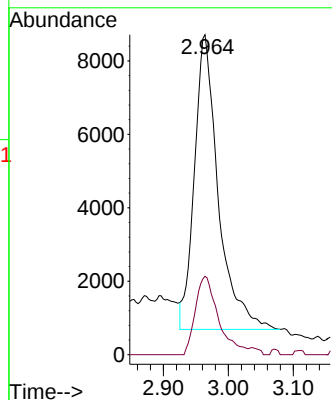
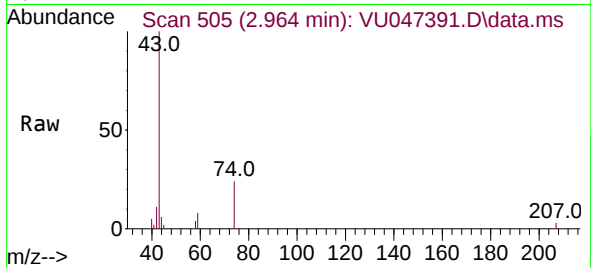




#15
Methyl Acetate
Concen: 4.904 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

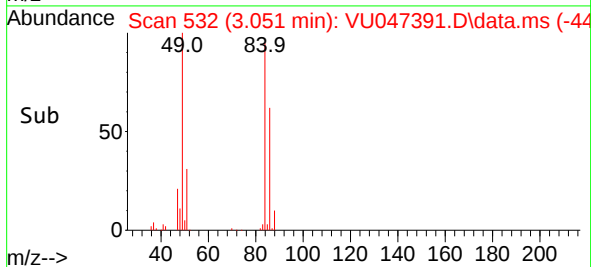
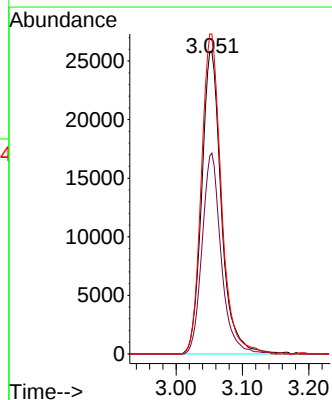
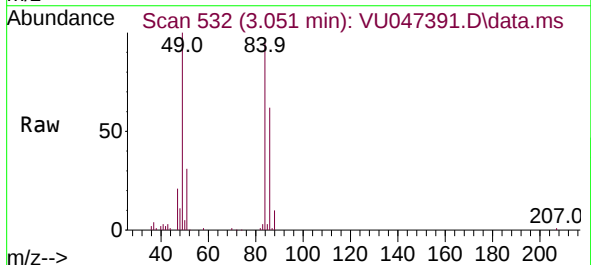
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

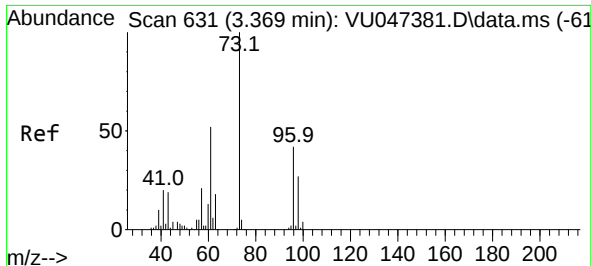
Tgt Ion: 43 Resp: 20556
Ion Ratio Lower Upper
43 100
74 25.8 19.1 28.7



#16
Methylene chloride
Concen: 4.784 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 84 Resp: 53104
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 105.7 84.5 156.9

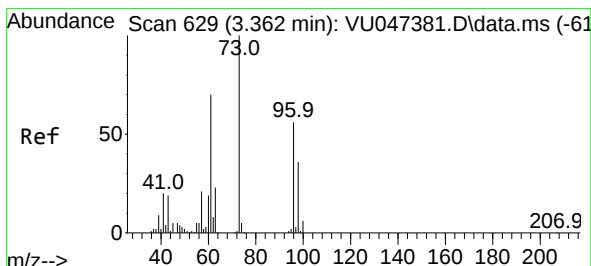
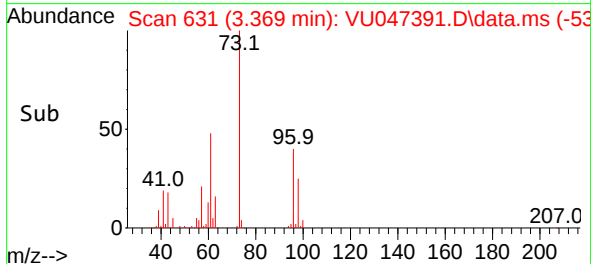
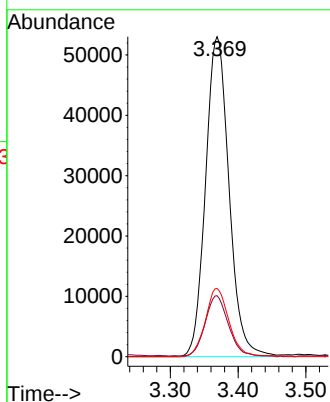
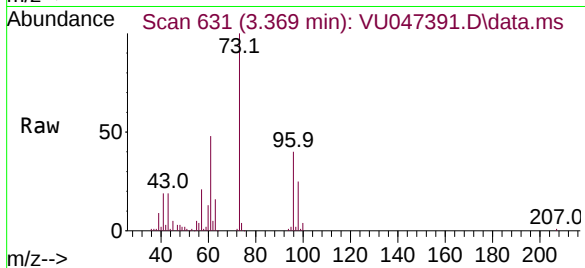




#17
Methyl tert-butyl Ether
Concen: 5.002 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

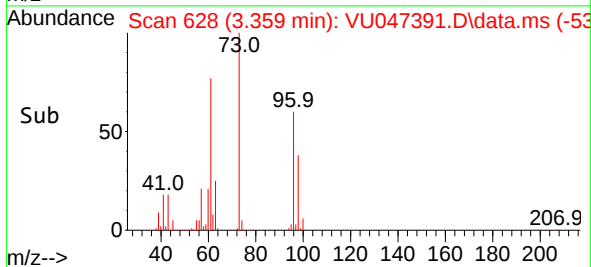
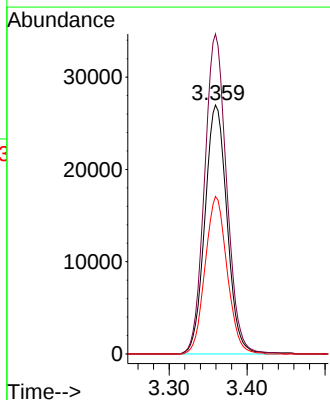
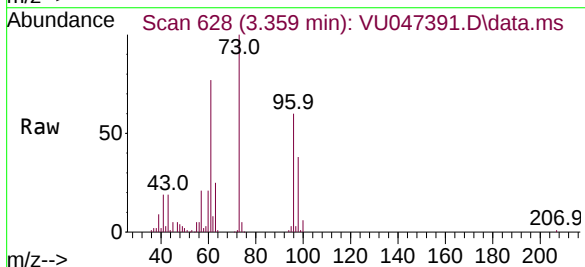
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

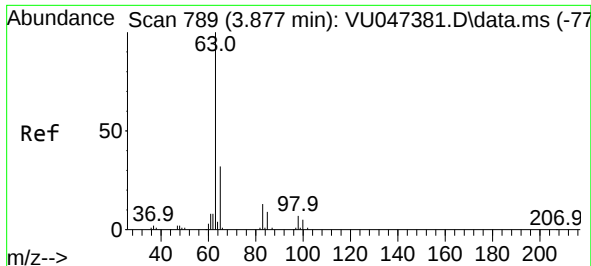
Tgt Ion: 73 Resp: 127716
Ion Ratio Lower Upper
73 100
43 19.2 14.8 22.2
57 21.2 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.164 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 96 Resp: 53469
Ion Ratio Lower Upper
96 100
61 128.6 100.8 187.2
98 63.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.222 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

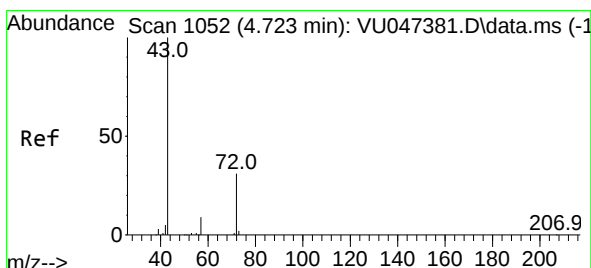
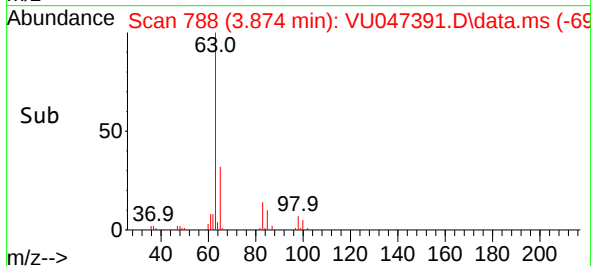
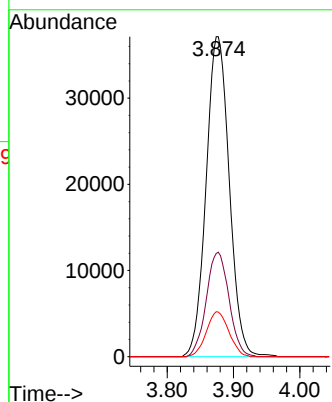
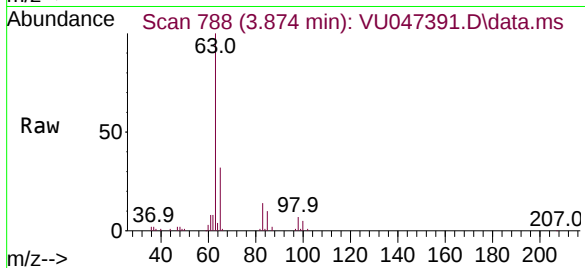
Tgt Ion: 63 Resp: 90023

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 14.0 9.6 17.8



#21

2-Butanone

Concen: 38.726 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU047391.D

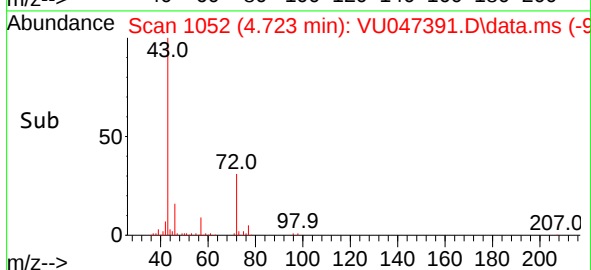
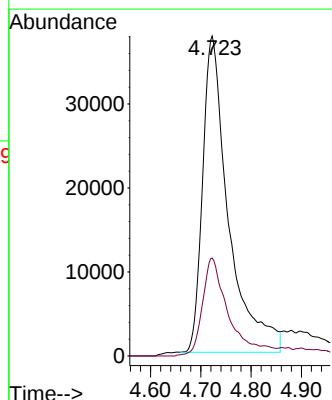
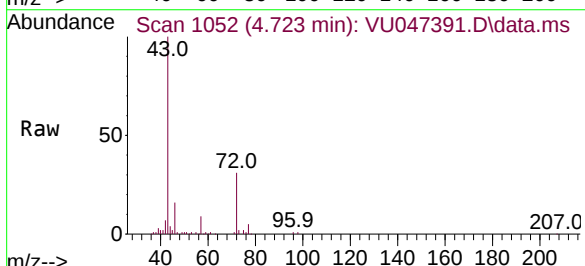
Acq: 08 Mar 2022 15:04

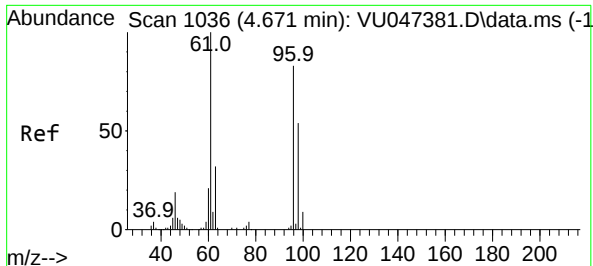
Tgt Ion: 43 Resp: 134689

Ion Ratio Lower Upper

43 100

72 30.1 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.172 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

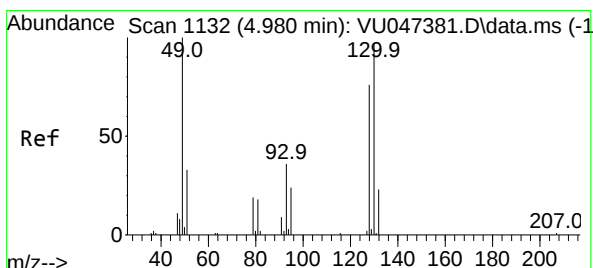
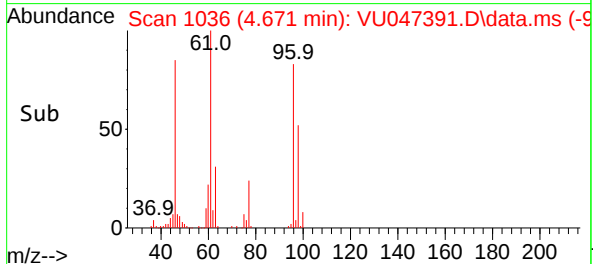
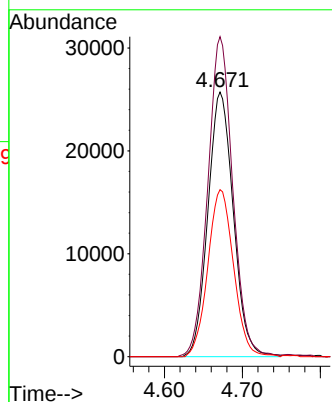
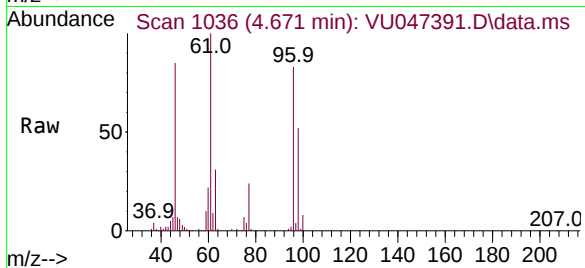
Tgt Ion: 96 Resp: 58303

Ion Ratio Lower Upper

96 100

61 120.9 88.5 164.3

98 63.1 44.4 82.5



#23

Bromochloromethane

Concen: 4.992 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Tgt Ion: 128 Resp: 28105

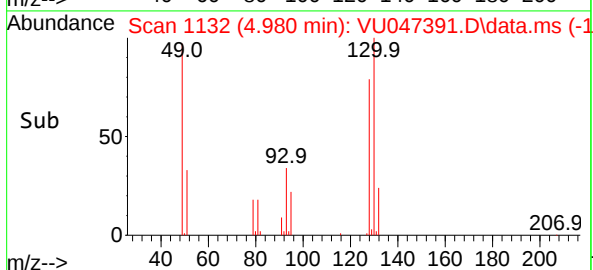
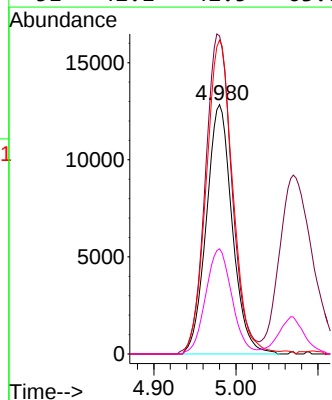
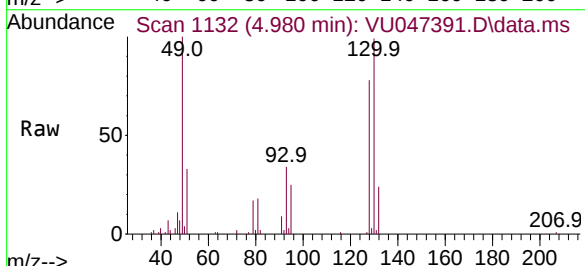
Ion Ratio Lower Upper

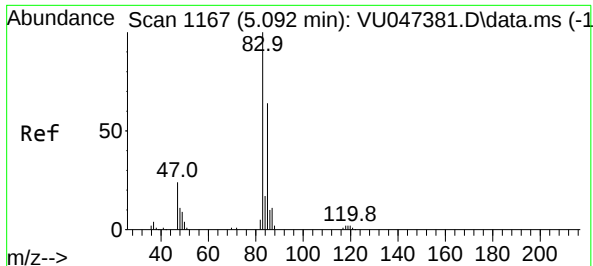
128 100

49 127.6 117.0 217.2

130 125.9 88.2 163.8

51 42.1 42.5 63.7#





#25

Chloroform

Concen: 5.016 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

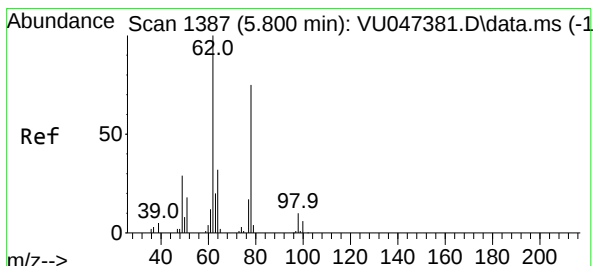
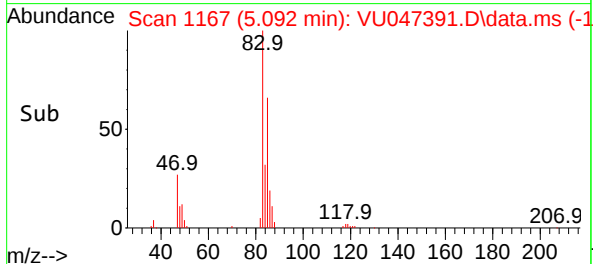
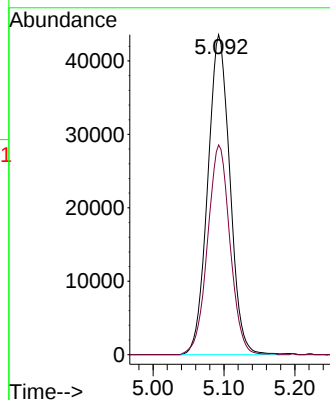
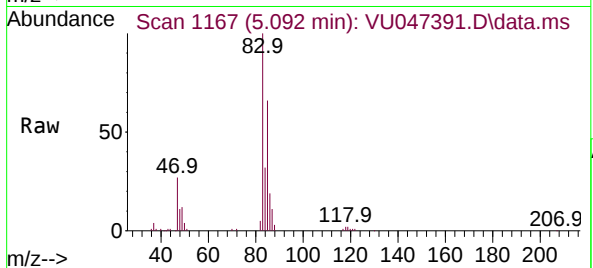
GBDA6MSD

Tgt Ion: 83 Resp: 94604

Ion Ratio Lower Upper

83 100

85 65.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.869 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047391.D

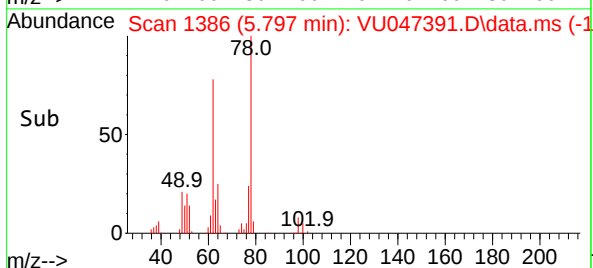
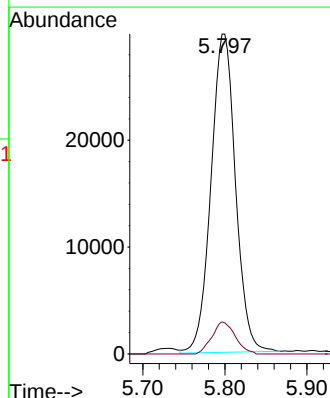
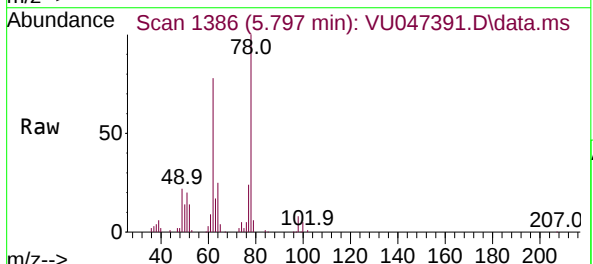
Acq: 08 Mar 2022 15:04

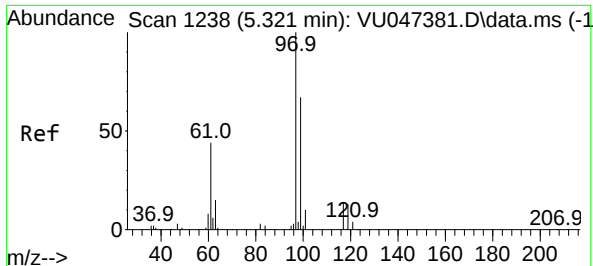
Tgt Ion: 62 Resp: 61861

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.407 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

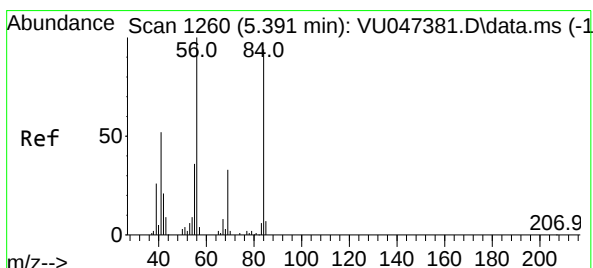
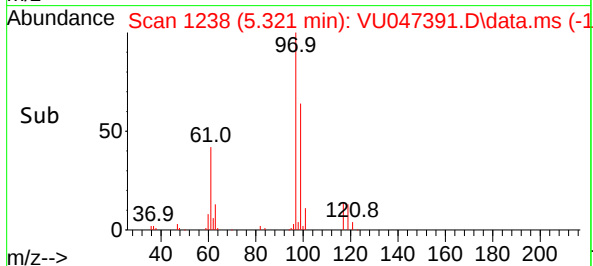
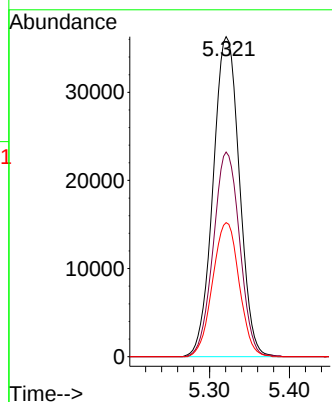
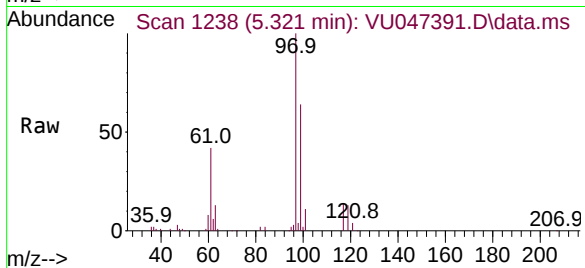
Tgt Ion: 97 Resp: 82858

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 42.4 36.1 54.1



#30

Cyclohexane

Concen: 5.419 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

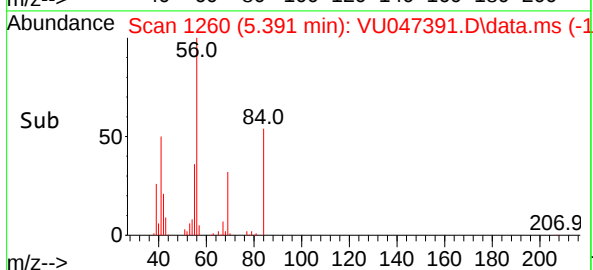
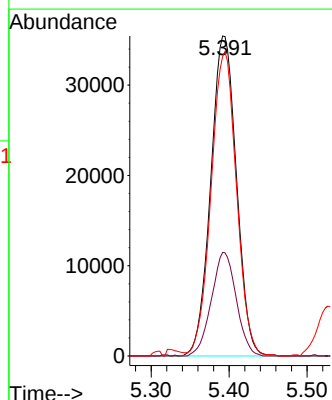
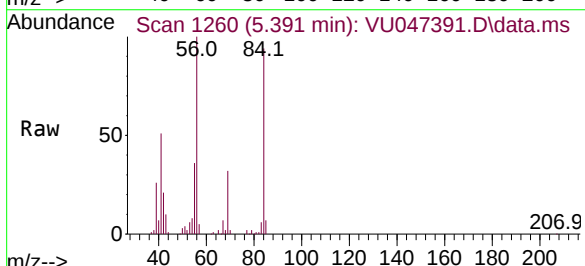
Tgt Ion: 56 Resp: 81264

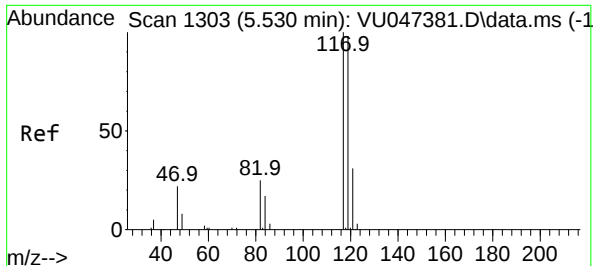
Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 93.9 71.8 107.6

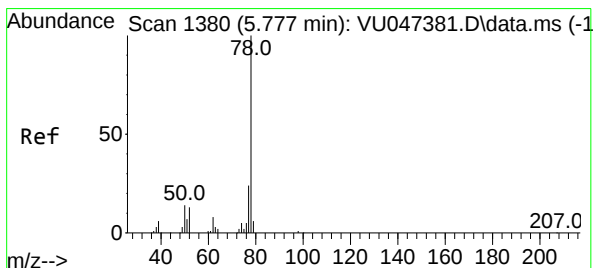
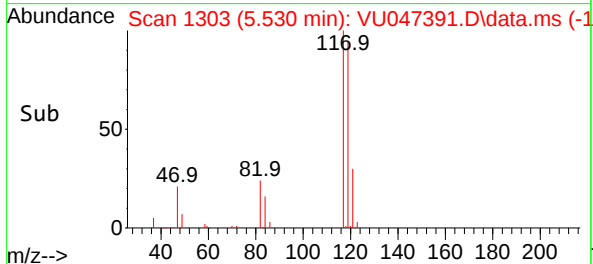
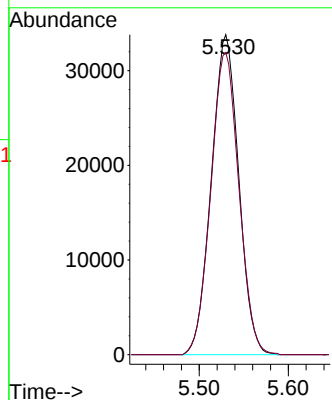
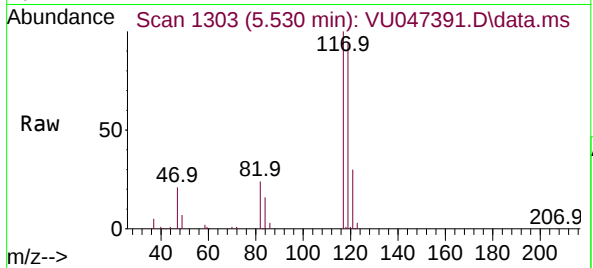




#31
Carbon tetrachloride
Concen: 5.448 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

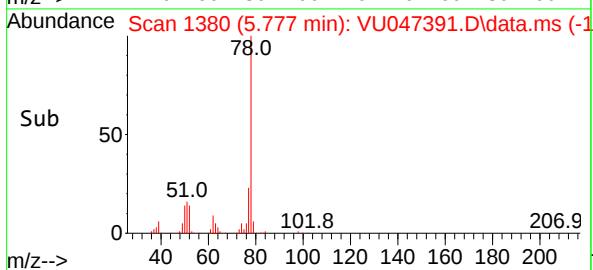
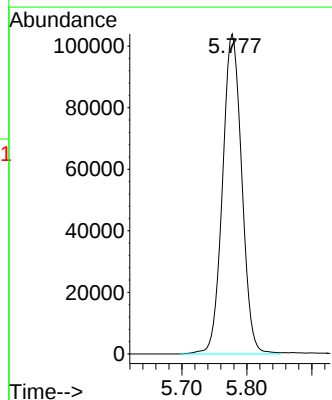
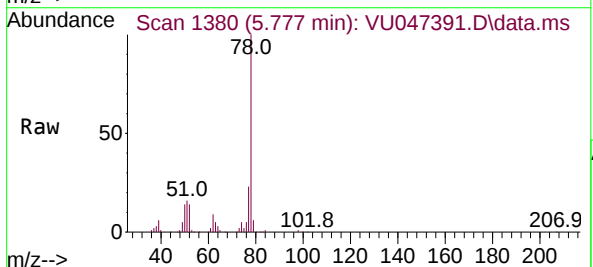
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

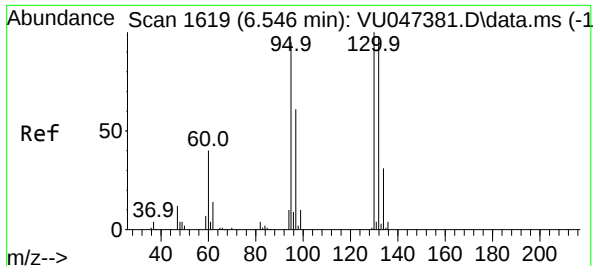
Tgt Ion:117 Resp: 72091
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3



#33
Benzene
Concen: 5.191 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 78 Resp: 213795





#34

Trichloroethene

Concen: 5.169 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

Tgt Ion: 95 Resp: 55949

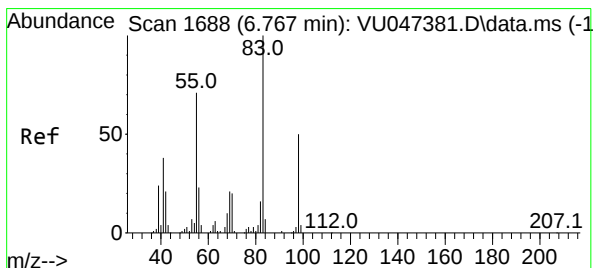
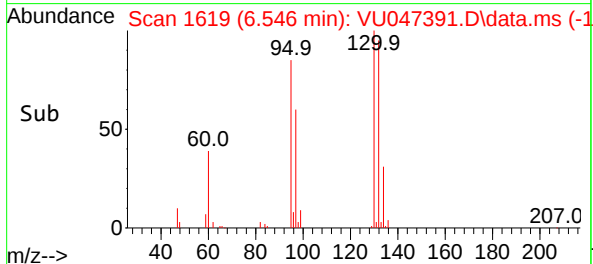
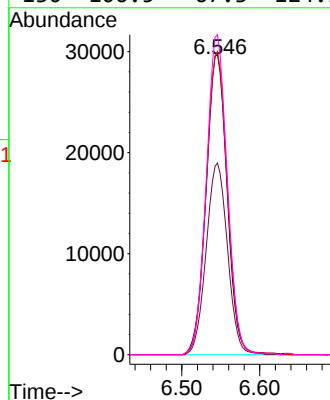
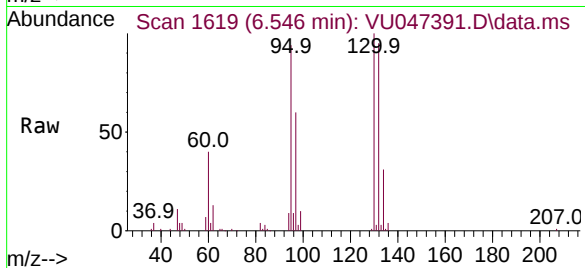
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 100.9 65.1 120.9

130 106.5 67.3 124.9



#35

Methylcyclohexane

Concen: 5.285 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

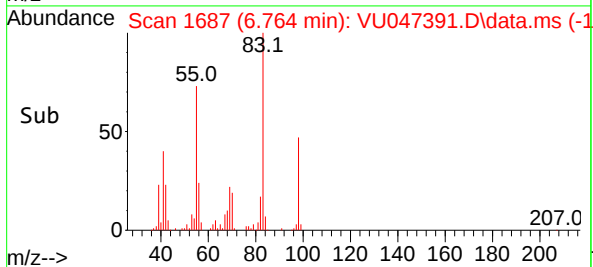
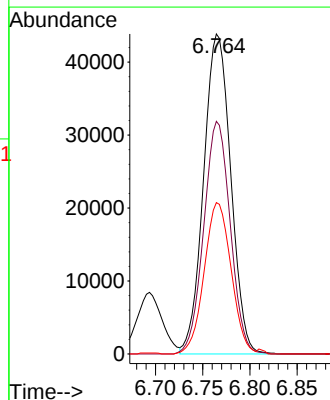
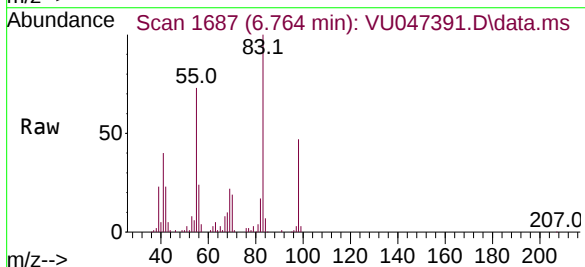
Tgt Ion: 83 Resp: 87725

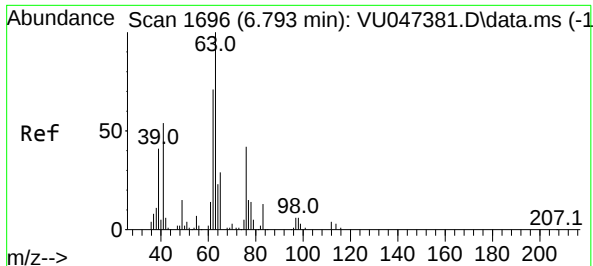
Ion Ratio Lower Upper

83 100

55 70.9 61.9 92.9

98 46.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.199 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

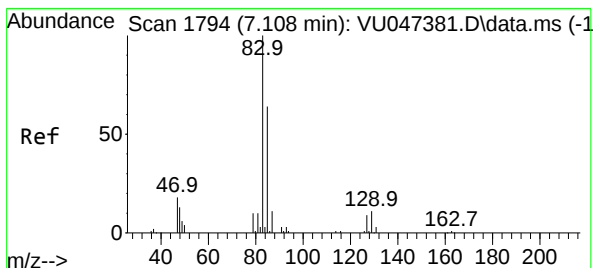
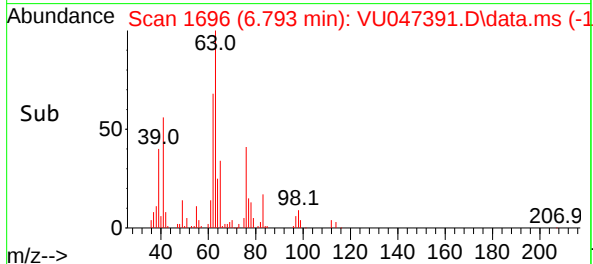
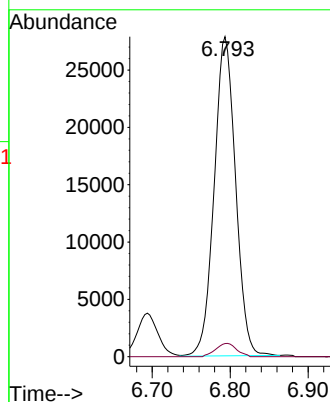
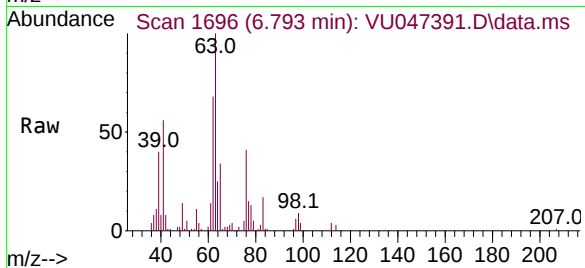
GBDA6MSD

Tgt Ion: 63 Resp: 53105

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.197 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

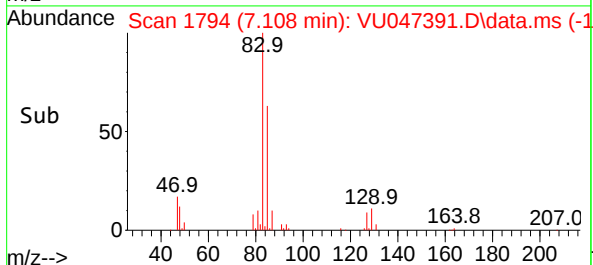
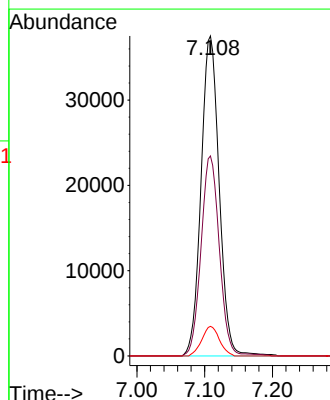
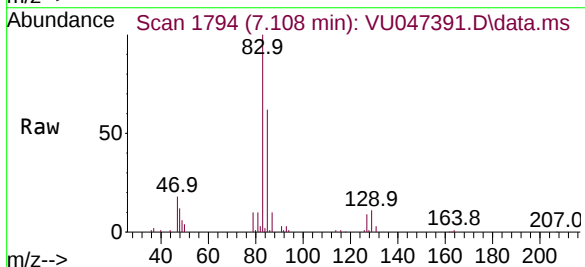
Tgt Ion: 83 Resp: 69662

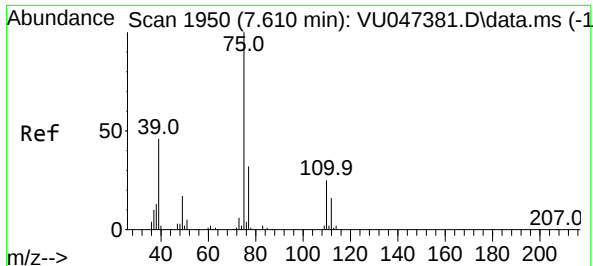
Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.8

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.037 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

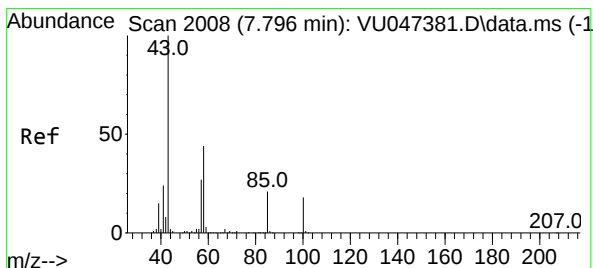
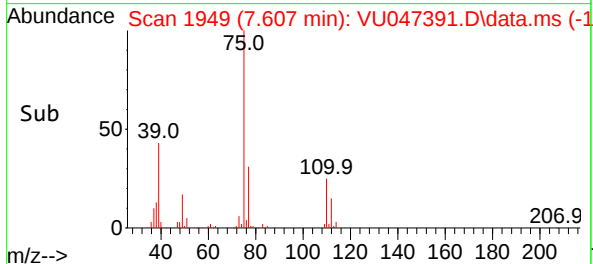
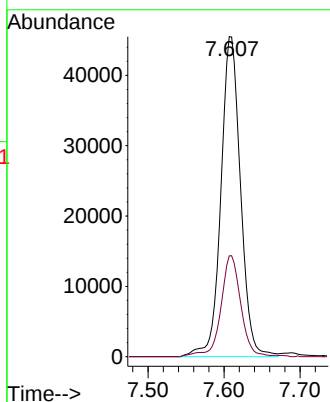
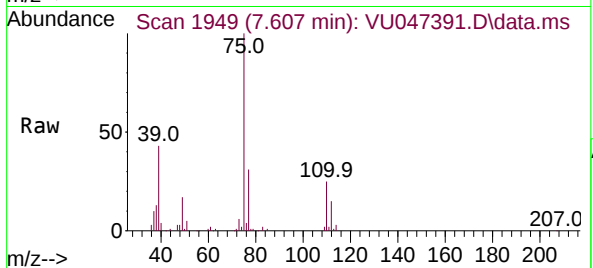
GBDA6MSD

Tgt Ion: 75 Resp: 81682

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.095 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

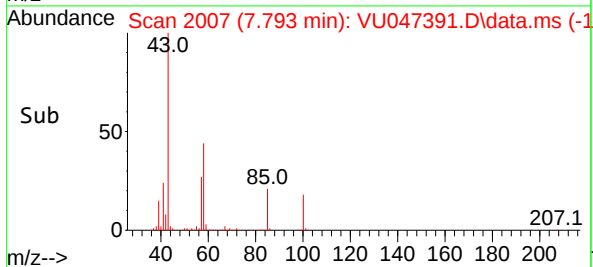
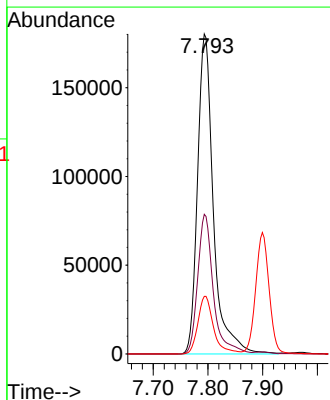
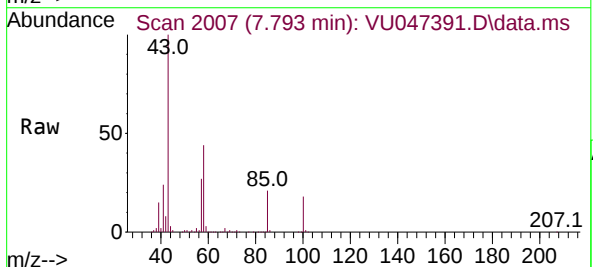
Tgt Ion: 43 Resp: 362833

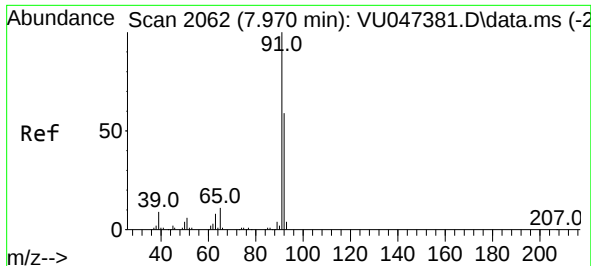
Ion Ratio Lower Upper

43 100

58 43.1 33.1 49.7

100 17.9 13.2 19.8





#42

Toluene

Concen: 5.264 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

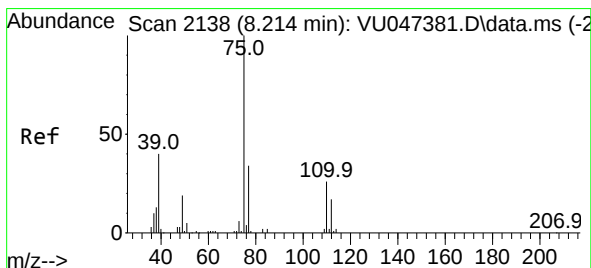
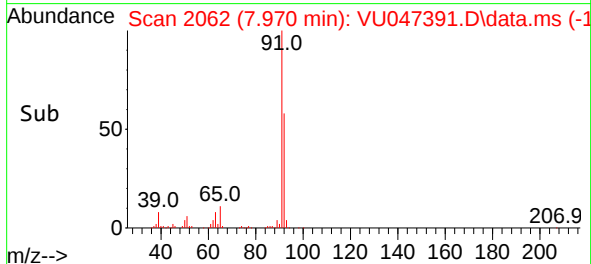
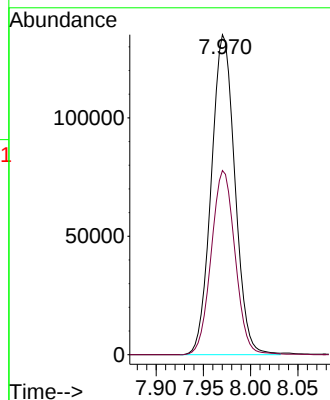
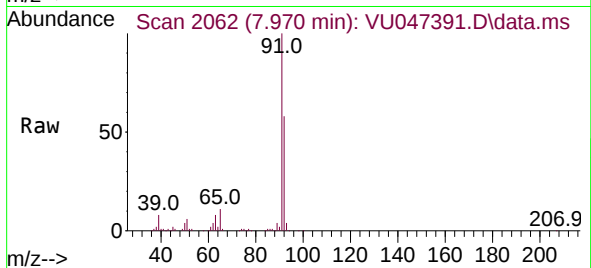
GBDA6MSD

Tgt Ion: 91 Resp: 234972

Ion Ratio Lower Upper

91 100

92 57.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.138 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047391.D

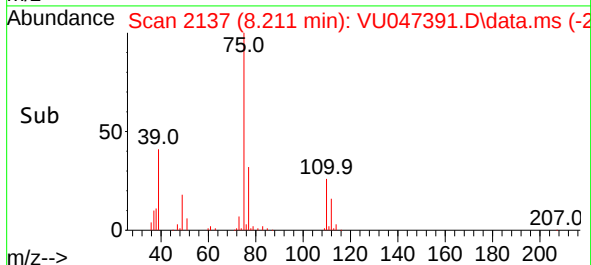
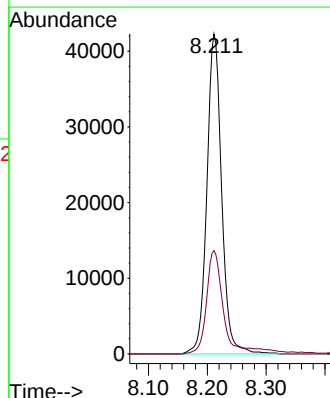
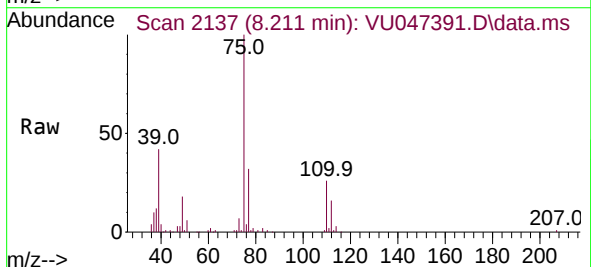
Acq: 08 Mar 2022 15:04

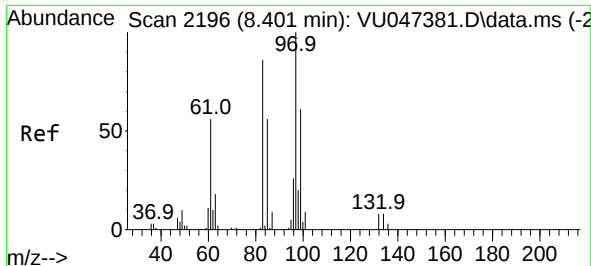
Tgt Ion: 75 Resp: 73841

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3

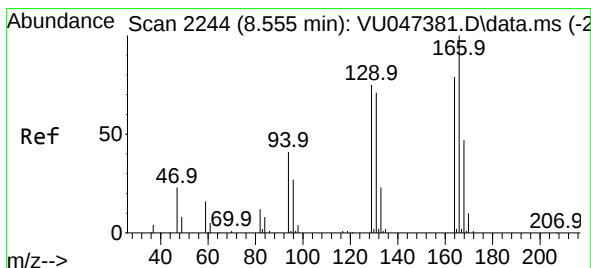
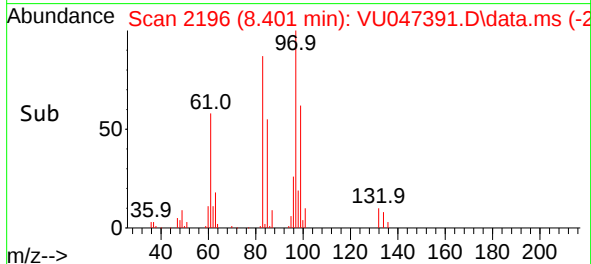
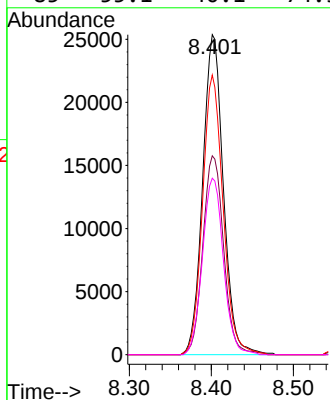
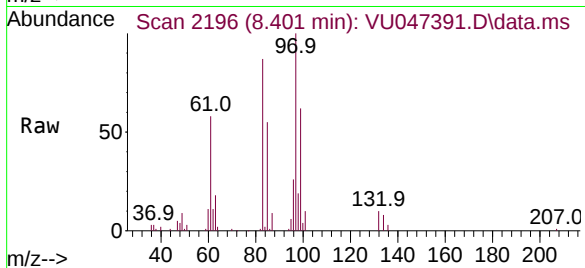




#45
1,1,2-Trichloroethane
Concen: 5.043 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

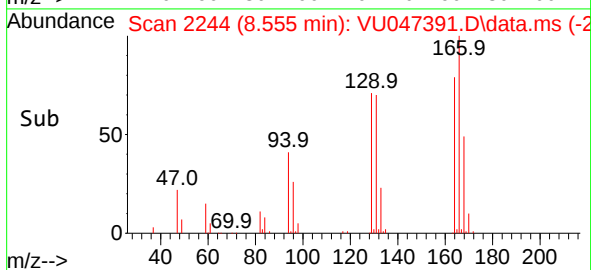
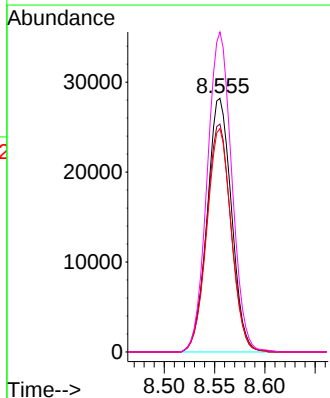
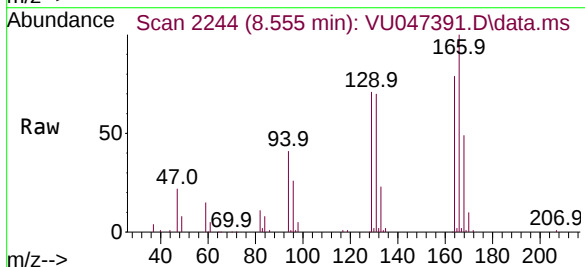
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

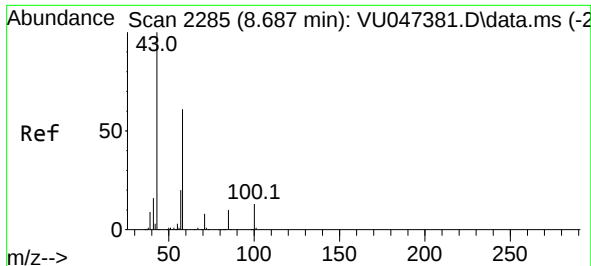
Tgt Ion:	97	Resp:	44538
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.3	78.5
83	87.4	62.0	115.2
85	55.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.153 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion:	164	Resp:	47519
Ion	Ratio	Lower	Upper
164	100		
129	89.8	71.8	133.4
131	88.1	68.5	127.3
166	126.2	94.1	174.8

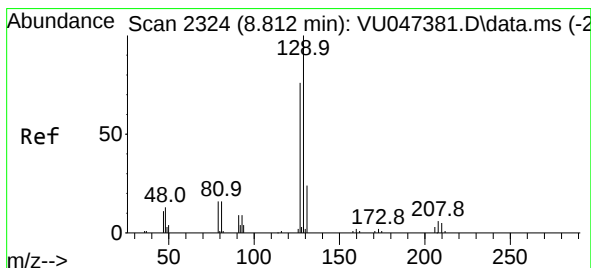
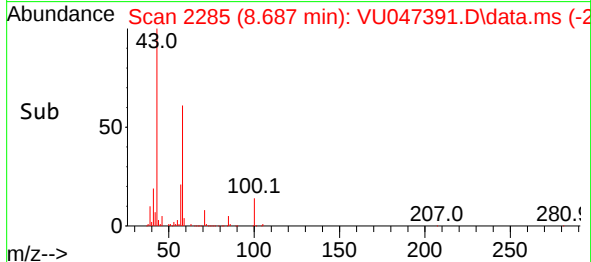
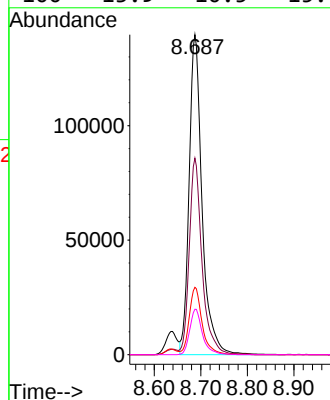
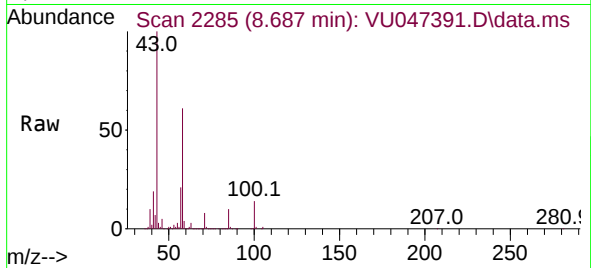




#48
2-Hexanone
Concen: 47.077 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

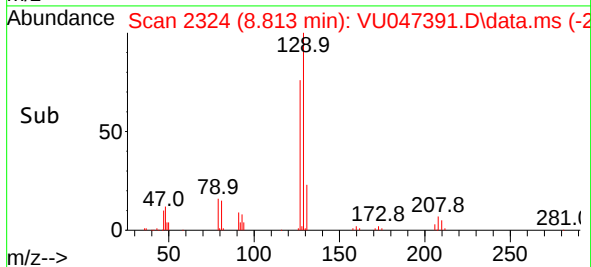
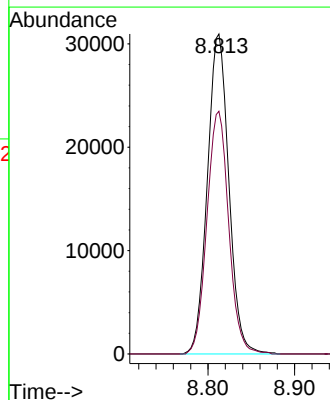
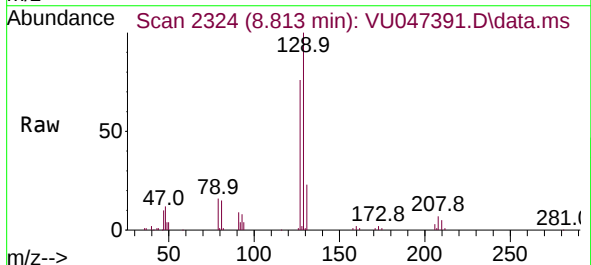
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

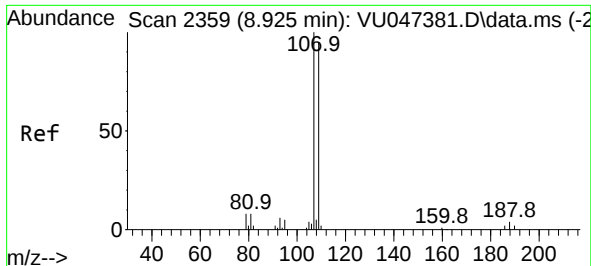
Tgt Ion: 43 Resp: 270524
Ion Ratio Lower Upper
43 100
58 60.0 46.7 70.1
57 20.9 16.3 24.5
100 13.9 10.5 15.7



#49
Dibromochloromethane
Concen: 5.132 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 129 Resp: 53339
Ion Ratio Lower Upper
129 100
127 75.8 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.009 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

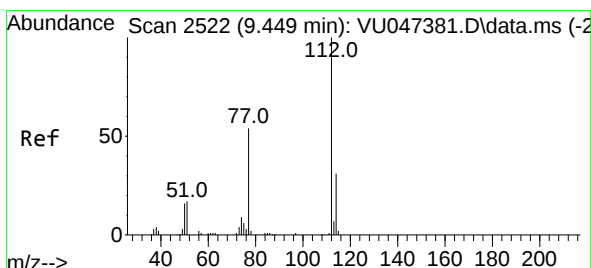
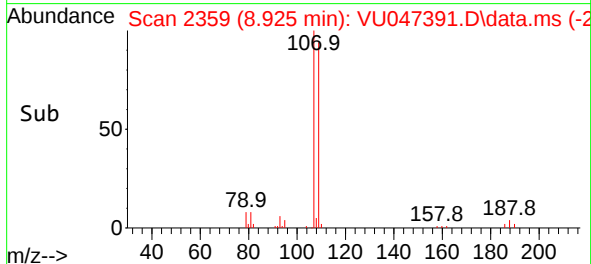
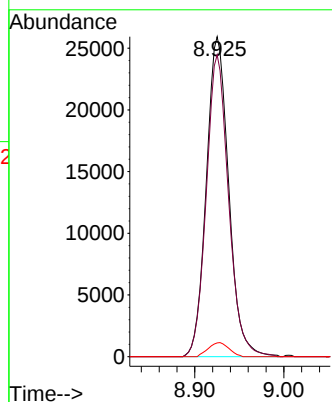
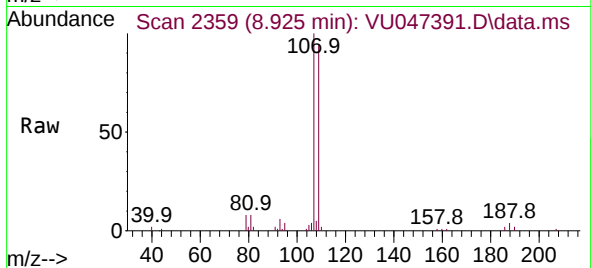
Tgt Ion:107 Resp: 45190

Ion Ratio Lower Upper

107 100

109 94.4 64.0 119.0

188 4.3 2.4 3.6#



#51

Chlorobenzene

Concen: 5.168 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

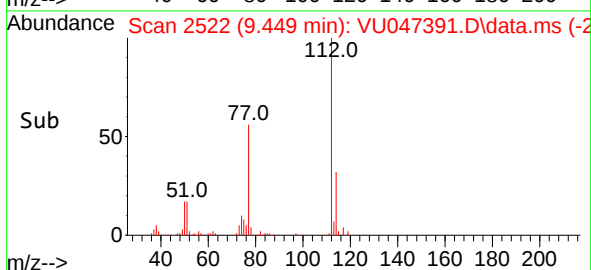
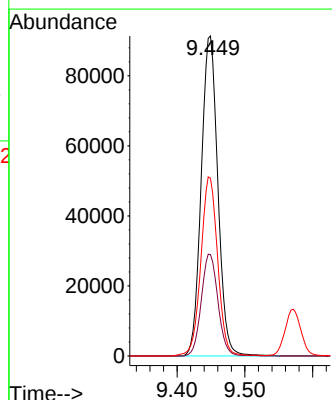
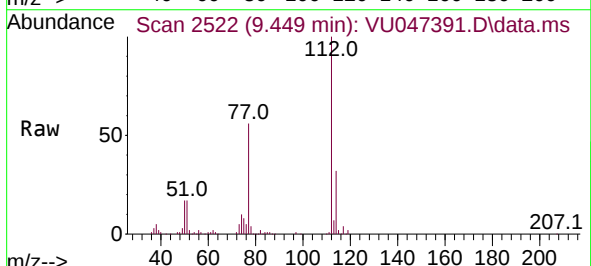
Tgt Ion:112 Resp: 155364

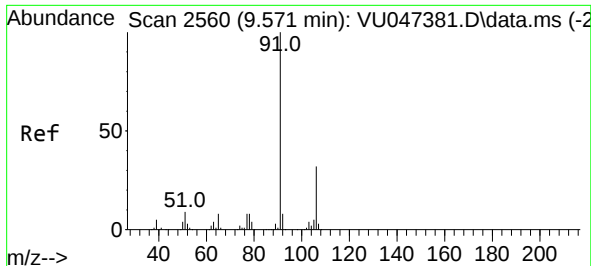
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 55.6 48.3 72.5

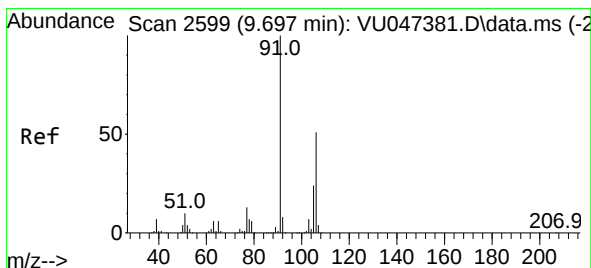
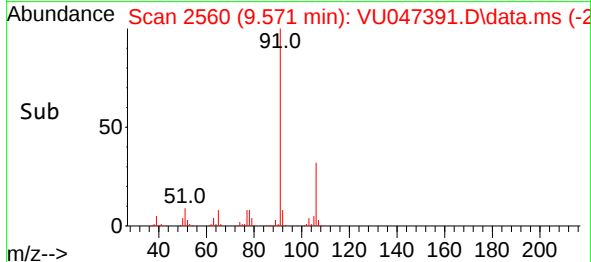
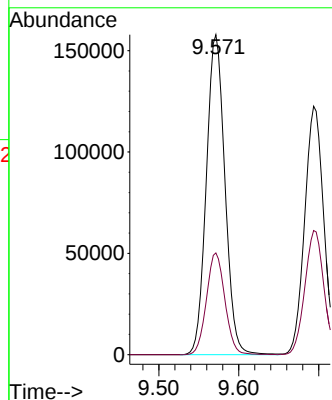
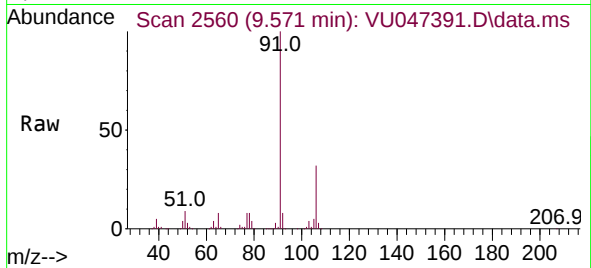




#52
Ethylbenzene
Concen: 5.349 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

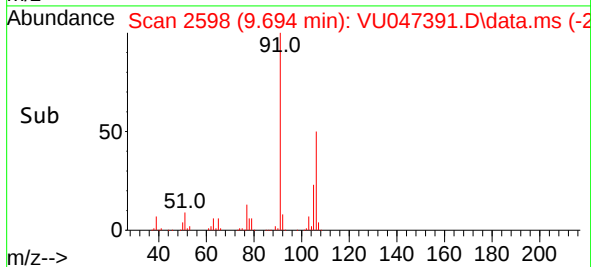
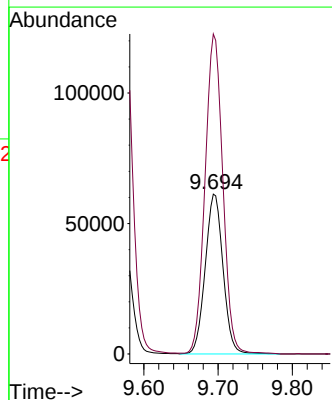
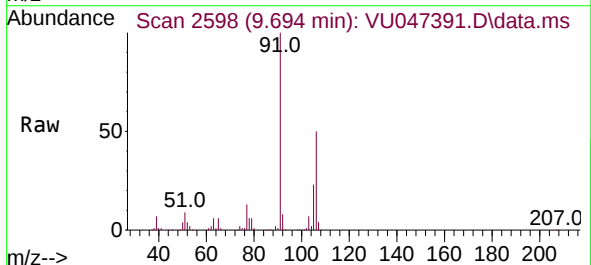
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

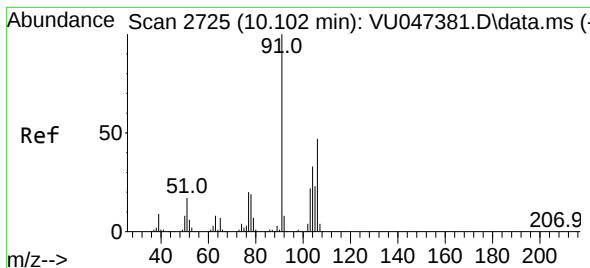
Tgt Ion: 91 Resp: 255441
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.368 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 106 Resp: 101863
Ion Ratio Lower Upper
106 100
91 200.2 139.4 259.0





#54

o-Xylene

Concen: 5.315 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

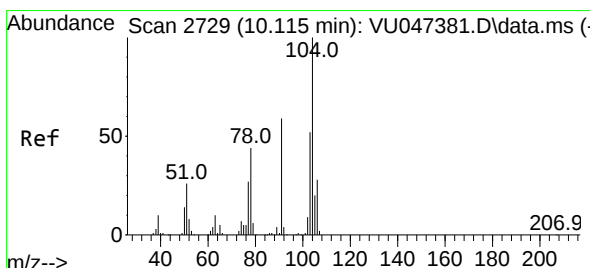
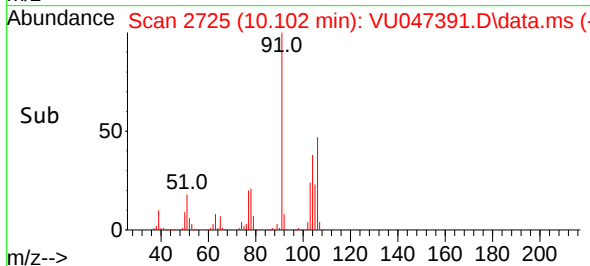
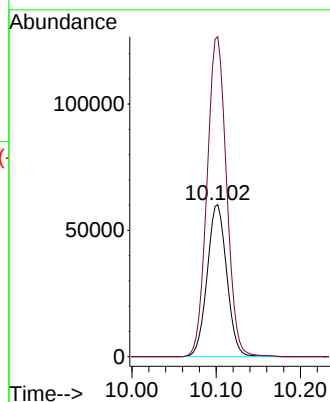
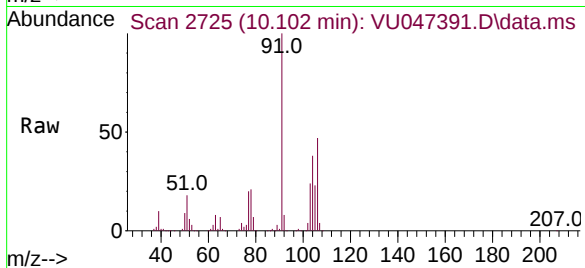
GBDA6MSD

Tgt Ion:106 Resp: 97263

Ion Ratio Lower Upper

106 100

91 210.5 147.5 273.9



#55

Styrene

Concen: 5.269 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047391.D

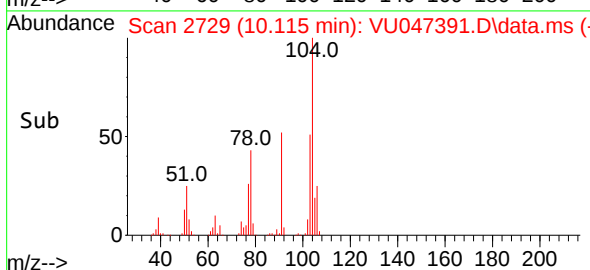
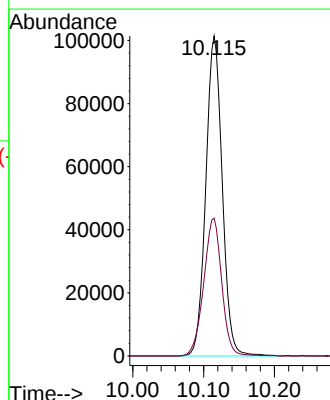
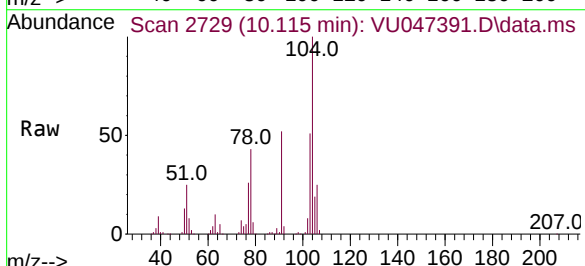
Acq: 08 Mar 2022 15:04

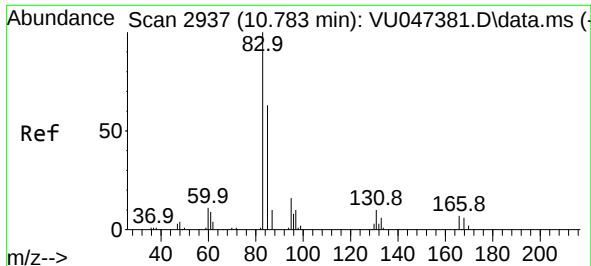
Tgt Ion:104 Resp: 163481

Ion Ratio Lower Upper

104 100

78 43.1 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.837 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

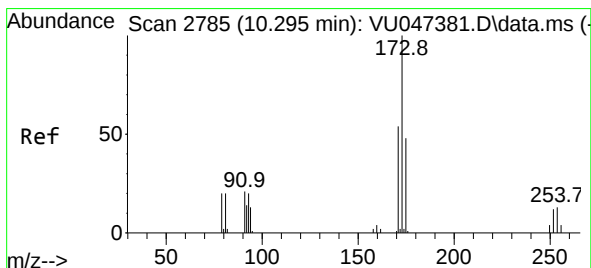
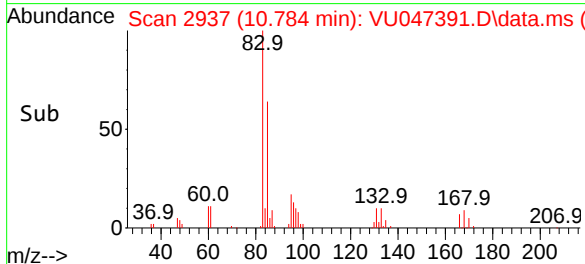
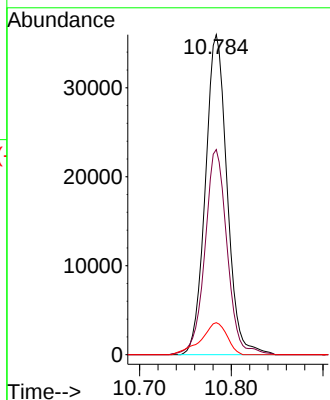
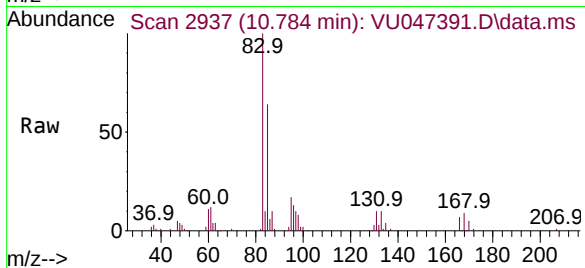
Tgt Ion: 83 Resp: 59131

Ion Ratio Lower Upper

83 100

85 64.1 47.9 89.1

131 10.0 8.1 12.1



#59

Bromoform

Concen: 5.010 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

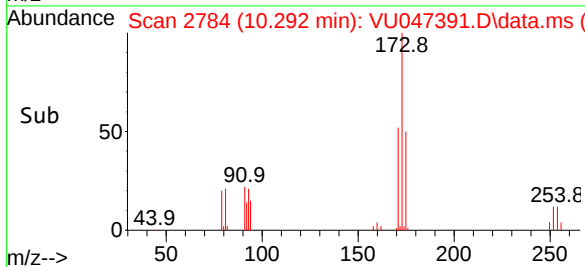
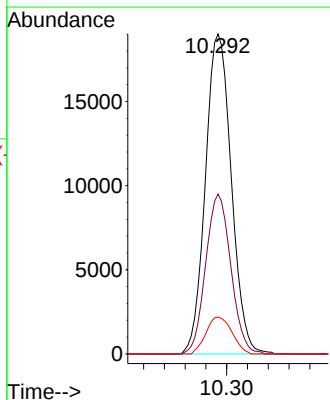
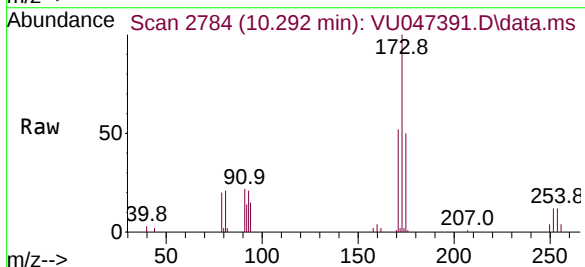
Tgt Ion:173 Resp: 32863

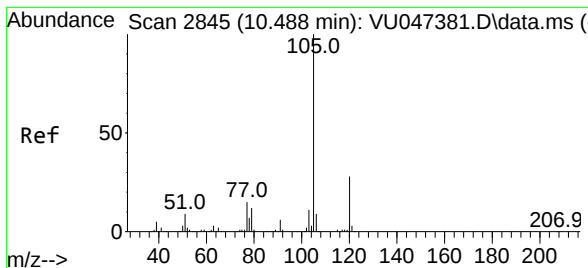
Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.6

254 11.6 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.525 ug/L

RT: 10.485 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

GBDA6MSD

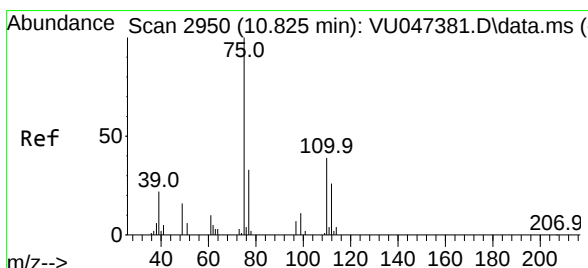
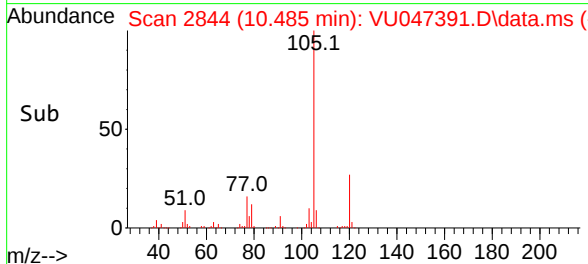
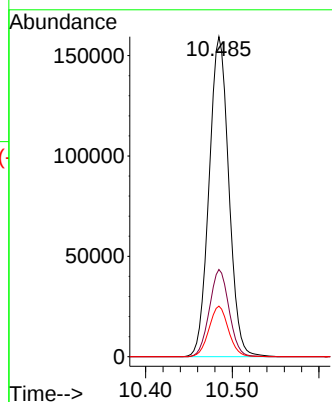
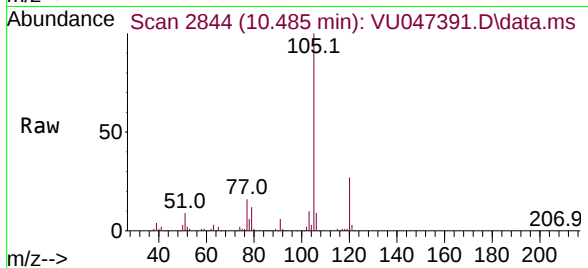
Tgt Ion:105 Resp: 252028

Ion Ratio Lower Upper

105 100

120 27.2 20.7 31.1

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.910 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047391.D

Acq: 08 Mar 2022 15:04

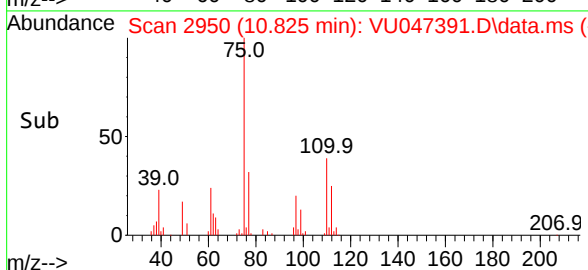
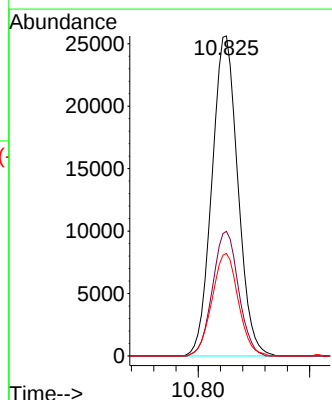
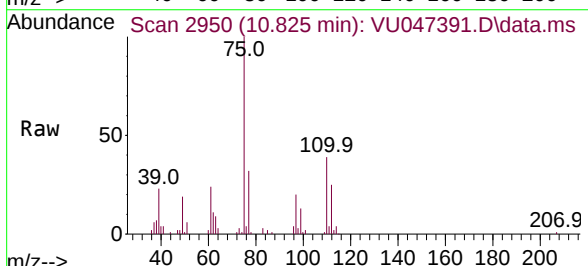
Tgt Ion: 75 Resp: 41450

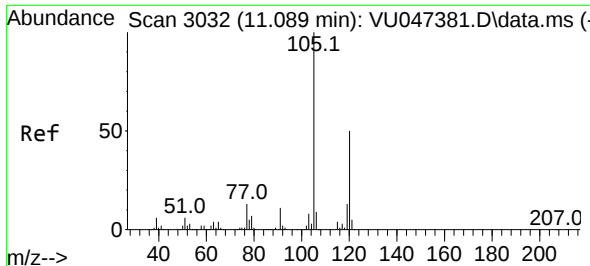
Ion Ratio Lower Upper

75 100

110 38.9 29.9 44.9

77 32.5 25.5 38.3

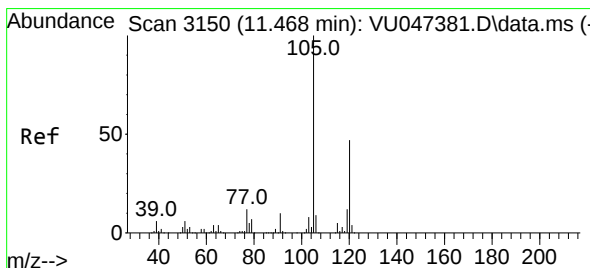
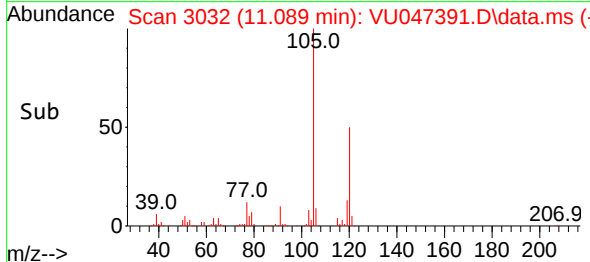
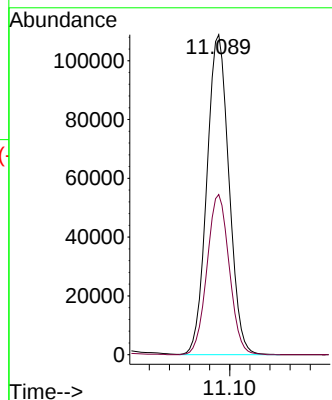
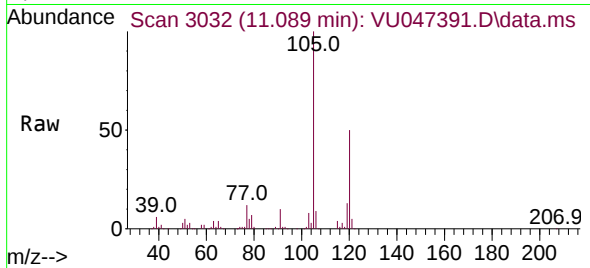




#62
1,3,5-Trimethylbenzene
Concen: 5.459 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

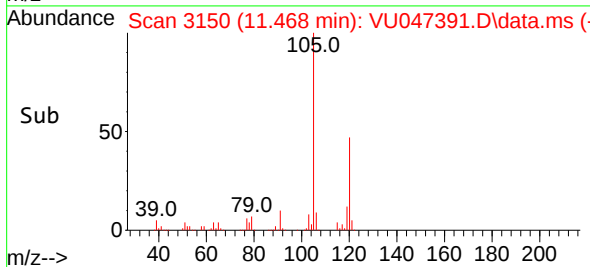
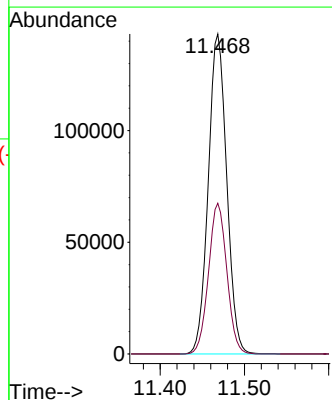
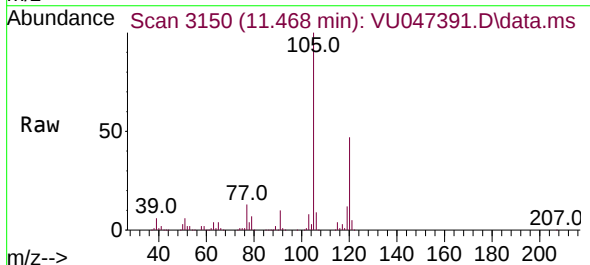
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

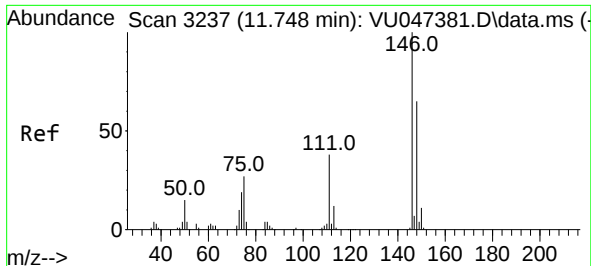
Tgt Ion:105 Resp: 166200
Ion Ratio Lower Upper
105 100
120 50.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.500 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion:105 Resp: 218096
Ion Ratio Lower Upper
105 100
120 46.7 35.8 53.8

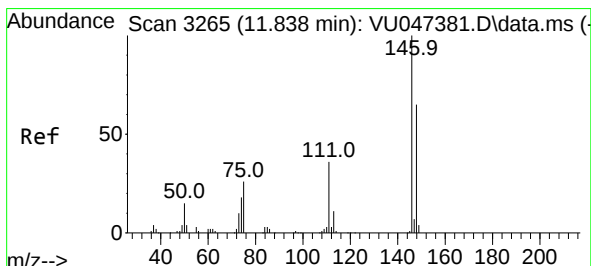
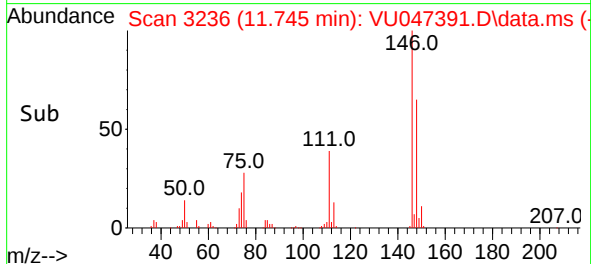
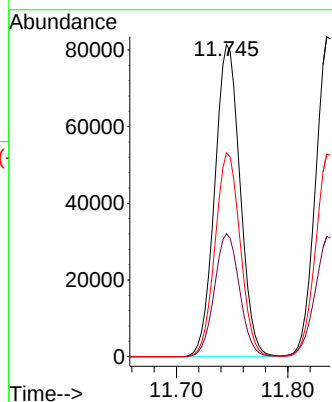
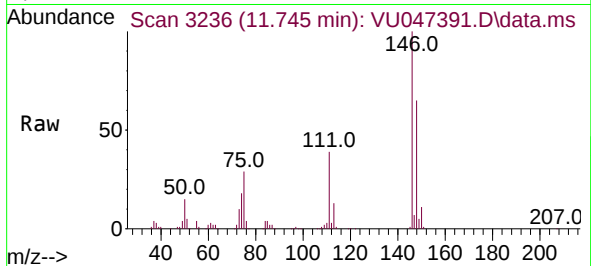




#64
1,3-Dichlorobenzene
Concen: 5.271 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

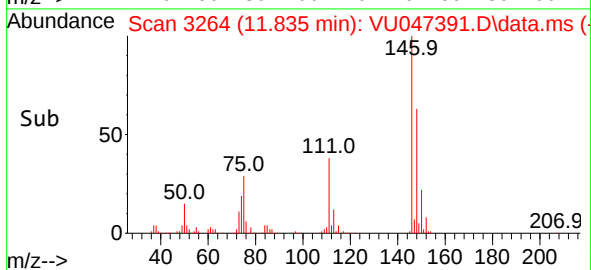
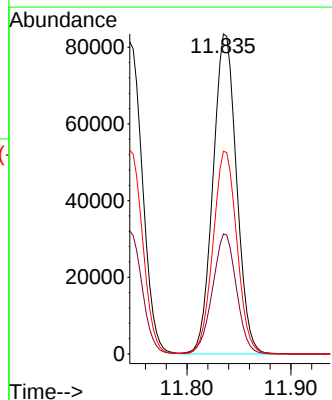
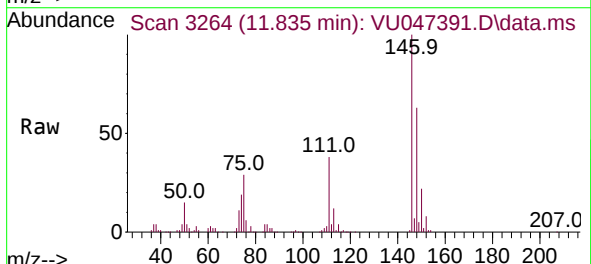
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

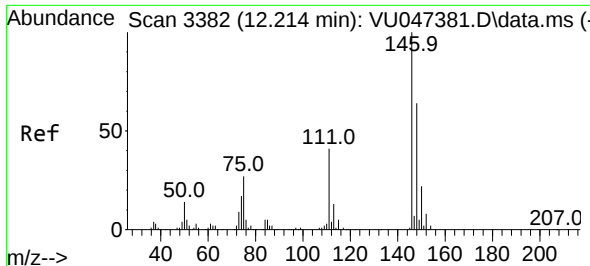
Tgt Ion:146 Resp: 128643
Ion Ratio Lower Upper
146 100
111 39.4 29.9 55.5
148 65.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion:146 Resp: 131577
Ion Ratio Lower Upper
146 100
111 37.6 28.7 53.3
148 63.4 45.8 85.0

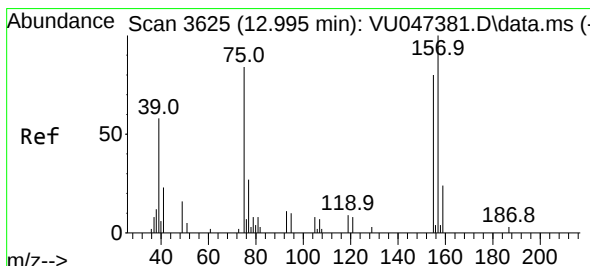
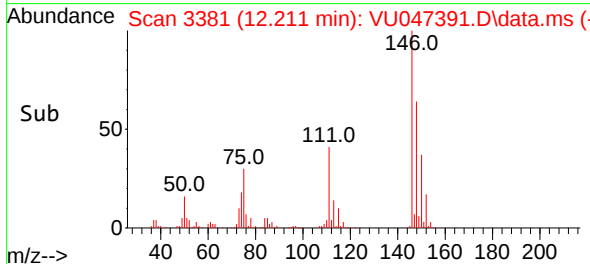
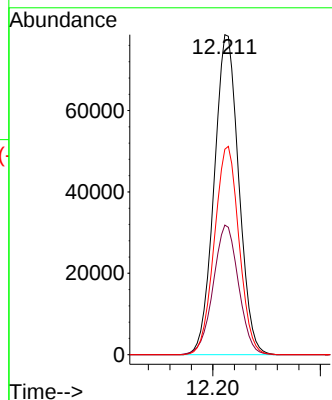
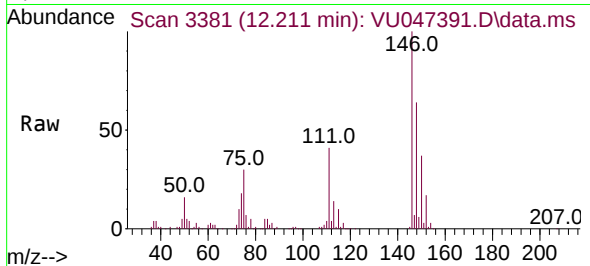




#67
1,2-Dichlorobenzene
Concen: 5.184 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

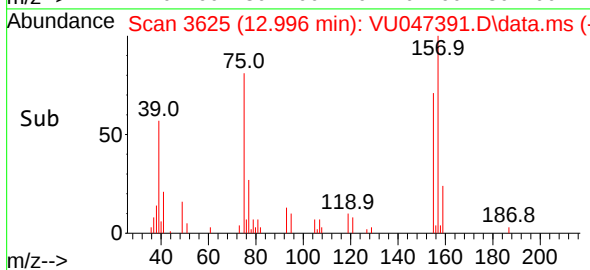
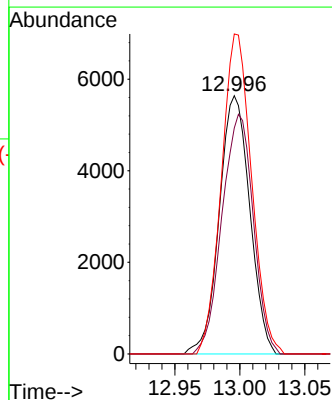
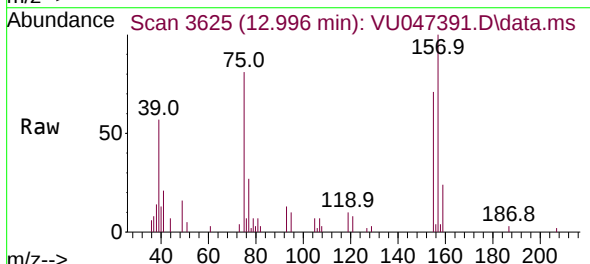
Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

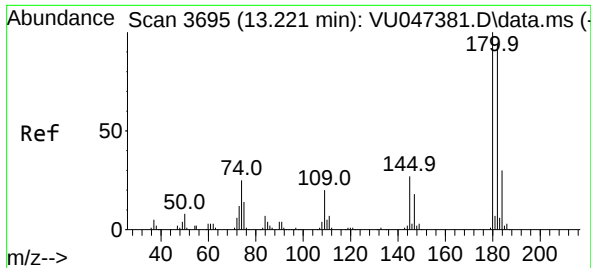
Tgt Ion:146 Resp: 125115
Ion Ratio Lower Upper
146 100
111 40.5 35.4 53.0
148 64.2 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.764 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
155 87.5 59.2 88.8
157 123.9 76.5 114.7#



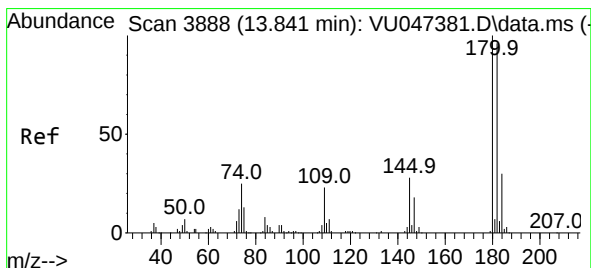
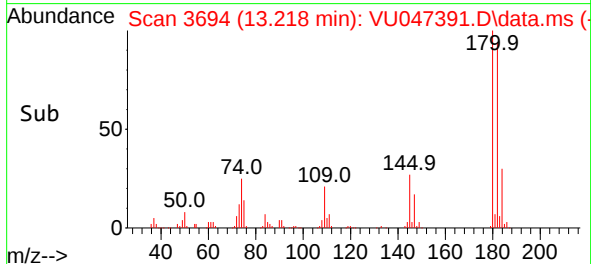
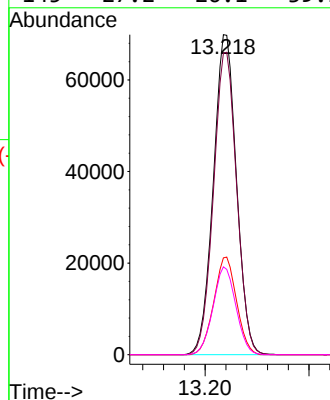
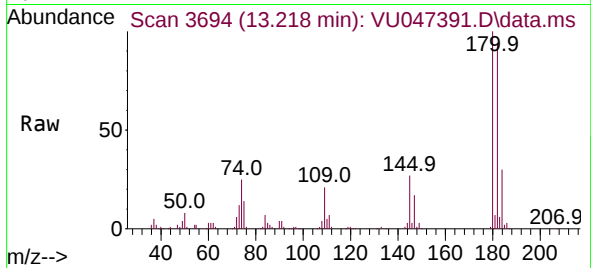


#69
 1,3,5-Trichlorobenzene
 Concen: 5.296 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA6MSD

Tgt Ion:180 Resp: 107771

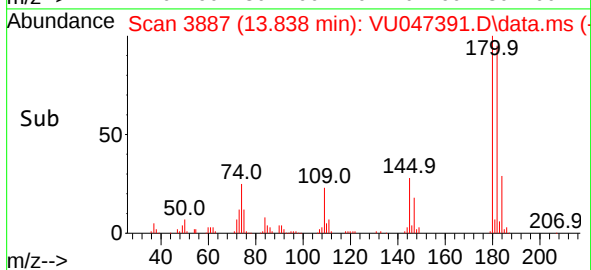
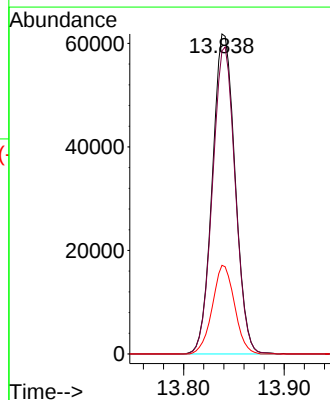
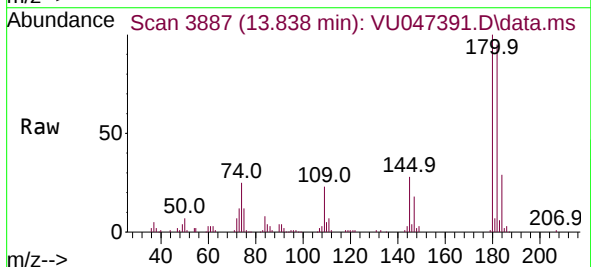
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
184	30.1	25.0	37.4
145	27.2	26.1	39.1

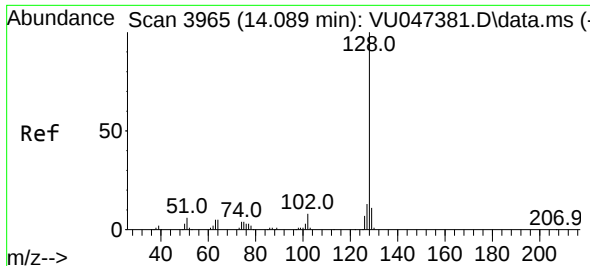


#70
 1,2,4-trichlorobenzene
 Concen: 5.249 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU047391.D
 Acq: 08 Mar 2022 15:04

Tgt Ion:180 Resp: 97067

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	27.1	25.6	38.4

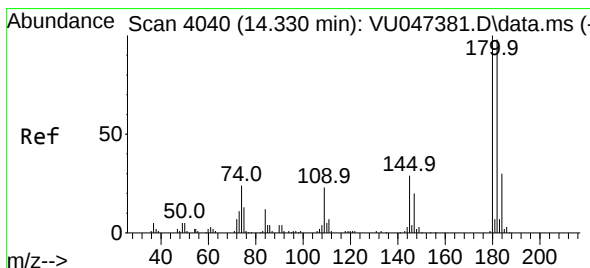
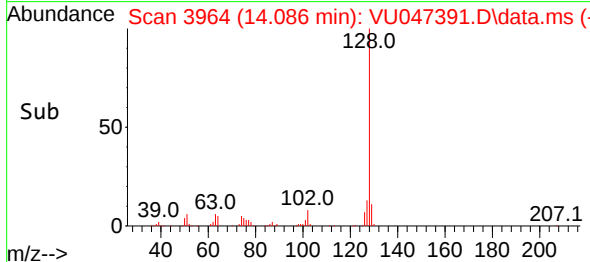
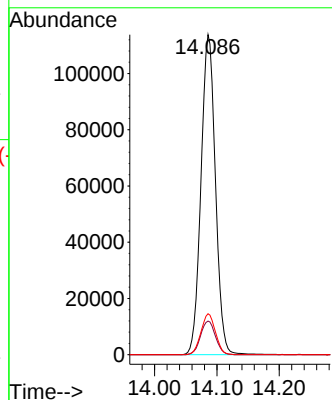
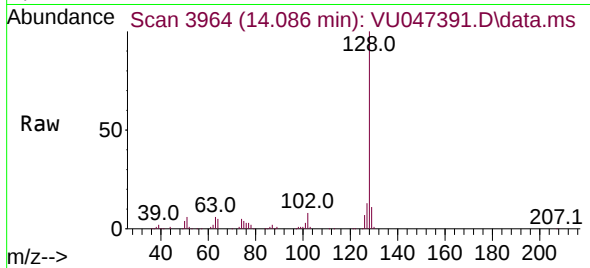




#71
Naphthalene
Concen: 4.972 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :
GBDA6MSD

Tgt Ion:128 Resp: 183293
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.181 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047391.D
Acq: 08 Mar 2022 15:04

Tgt Ion:180 Resp: 89185
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
145 30.0 28.4 42.6

