

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047044.D
 Acq On : 04 Feb 2022 13:53
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:01:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	103995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	261103	26.629	ug/L	0.00
7) Chloroethane-d5	1.919	69	191718	25.028	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	99024	25.899	ug/L	0.00
20) 2-Butanone-d5	4.632	46	588617	226.231	ug/L	0.00
24) Chloroform-d	5.067	84	419334	24.877	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	212287	23.545	ug/L	0.00
32) Benzene-d6	5.729	84	872538	24.808	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	261061	24.770	ug/L	0.00
41) Toluene-d8	7.899	98	803249	24.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	110052	24.086	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	602212	240.109	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229612	22.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	295895	22.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	192322	19.881	ug/L	100
3) Chloromethane	1.527	50	219791	25.151	ug/L	98
5) Vinyl chloride	1.607	62	226515	25.149	ug/L	100
6) Bromomethane	1.861	94	128476	23.521	ug/L	99
8) Chloroethane	1.938	64	128187	24.371	ug/L	95
9) Trichlorofluoromethane	2.141	101	283141	25.337	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	166038	25.040	ug/L	99
12) 1,1-Dichloroethene	2.584	96	158651	25.594	ug/L	93
13) Acetone	2.649	43	278240	194.153	ug/L	100
14) Carbon disulfide	2.797	76	467058	23.448	ug/L	99
15) Methyl Acetate	2.957	43	65431	20.759	ug/L	98
16) Methylene chloride	3.051	84	176136	23.548	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	378511	23.288	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	163786	24.853	ug/L	98
19) 1,1-Dichloroethane	3.874	63	298342	26.131	ug/L	99
21) 2-Butanone	4.713	43	468153	205.404	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	183331	26.257	ug/L	99
23) Bromochloromethane	4.980	128	81477	23.926	ug/L	98
25) Chloroform	5.092	83	312123	18.345	ug/L	98
27) 1,2-Dichloroethane	5.796	62	191971	24.521	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	266506	24.986	ug/L	99
30) Cyclohexane	5.391	56	255782	24.799	ug/L	97
31) Carbon tetrachloride	5.530	117	226399	24.754	ug/L	96
33) Benzene	5.777	78	693304	24.999	ug/L	100
34) Trichloroethene	6.542	95	168752	23.758	ug/L	98
35) Methylcyclohexane	6.767	83	283909	24.683	ug/L	96
37) 1,2-Dichloropropane	6.793	63	177122	25.537	ug/L	98
38) Bromodichloromethane	7.108	83	221689	22.592	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	263411	25.598	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1070059	227.430	ug/L	97
42) Toluene	7.970	91	745694	22.517	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	228625	24.814	ug/L	95

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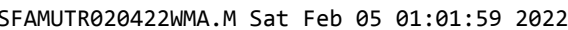
Instrument :
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 ClientSampleId :

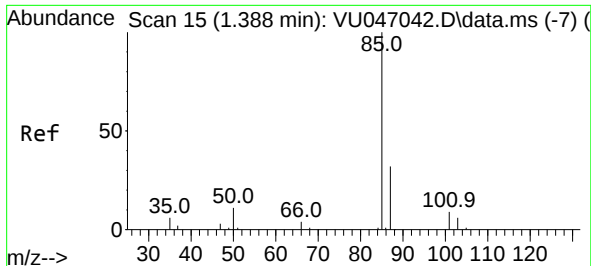
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	133182	23.242	ug/L	97
47) Tetrachloroethene	8.555	164	131292	22.884	ug/L	97
48) 2-Hexanone	8.687	43	796437	220.755	ug/L	97
49) Dibromochloromethane	8.812	129	156763	23.330	ug/L	100
50) 1,2-Dibromoethane	8.925	107	124722	22.073	ug/L	98
51) Chlorobenzene	9.449	112	460615	24.103	ug/L	99
52) Ethylbenzene	9.571	91	800191	25.991	ug/L	100
53) m,p-Xylene	9.697	106	326260	26.671	ug/L	100
54) o-Xylene	10.102	106	307366	25.869	ug/L	97
55) Styrene	10.115	104	548557	27.908	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	174955	23.016	ug/L	99
59) Bromoform	10.291	173	88564	20.994	ug/L	100
60) Isopropylbenzene	10.488	105	813454	25.050	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	125077	21.113	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	670035	25.841	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	692379	25.916	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	384689	23.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	386214	23.054	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	363773	22.846	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	25824	21.562	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	288990	22.554	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	252596	23.988	ug/L	97
71) Naphthalene	14.089	128	513655	24.780	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	243160	24.110	ug/L	97

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

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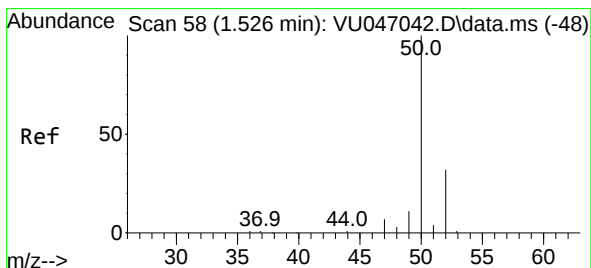
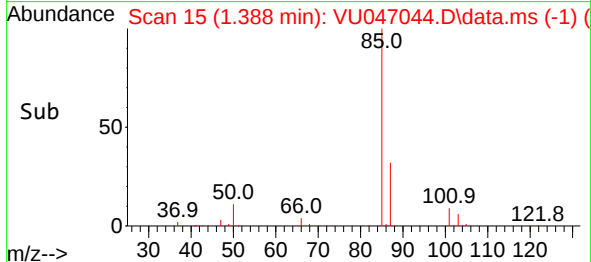
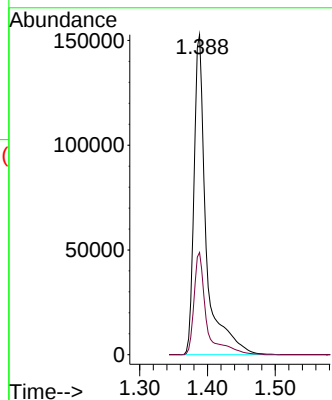
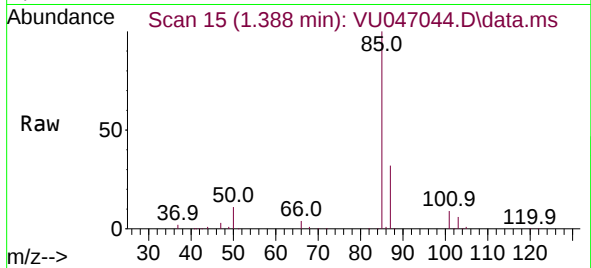




#2
Dichlorodifluoromethane
Concen: 19.881 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

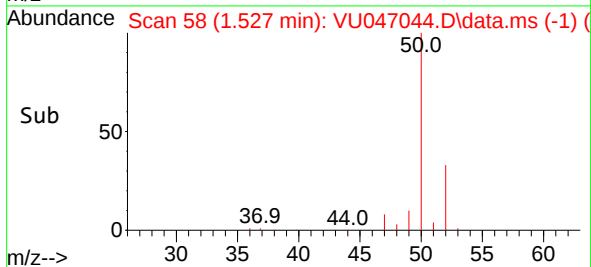
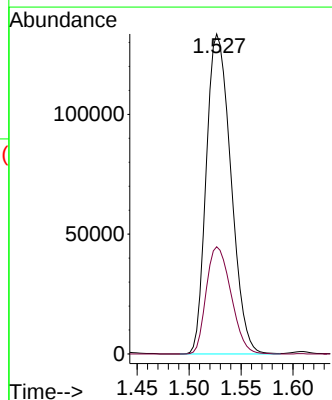
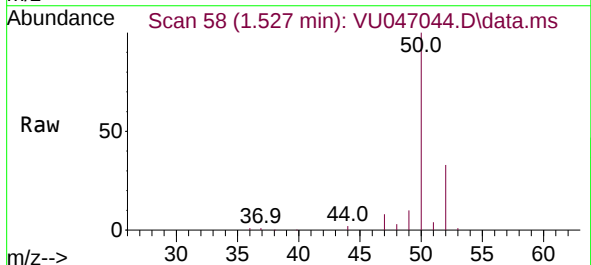
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MSVOA_U
ClientSampleId :

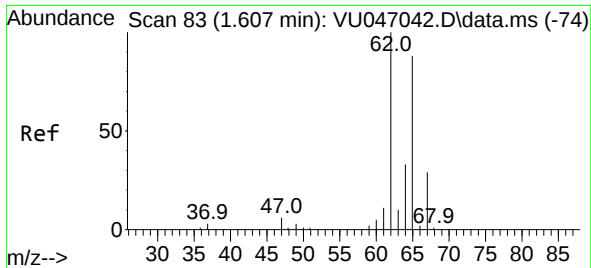
Tgt Ion: 85 Resp: 192322
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 25.151 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 50 Resp: 219791
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.3

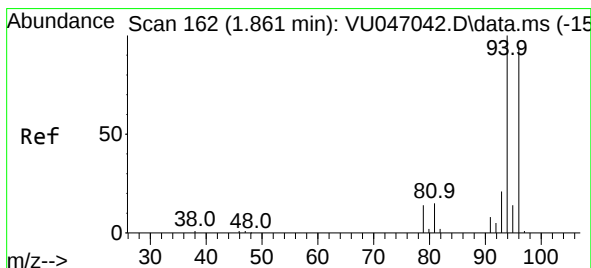
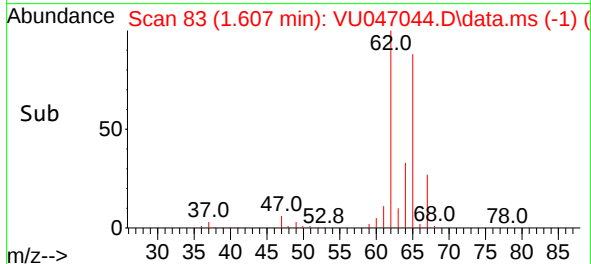
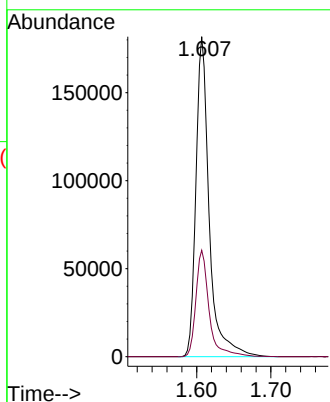
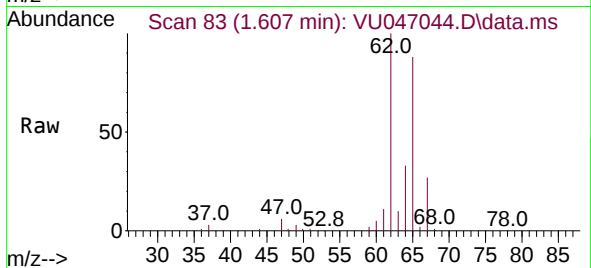




#5
 Vinyl chloride
 Concen: 25.149 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

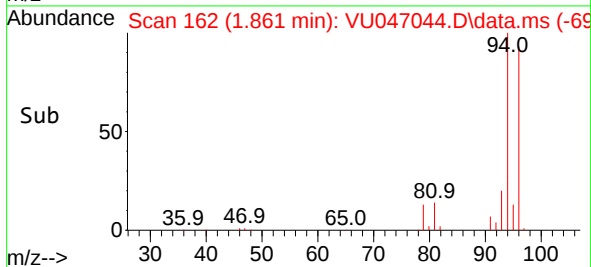
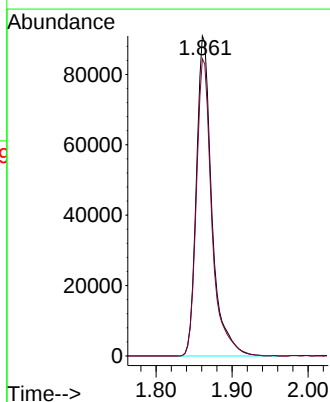
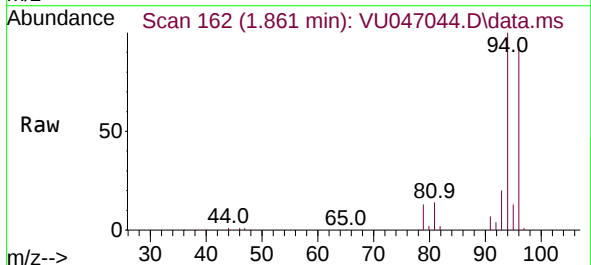
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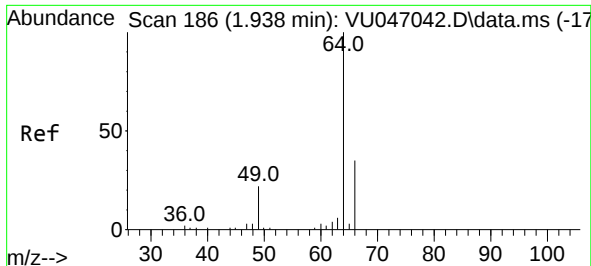
Tgt Ion: 62 Resp: 226515
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 23.521 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

Tgt Ion: 94 Resp: 128476
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.6 121.8

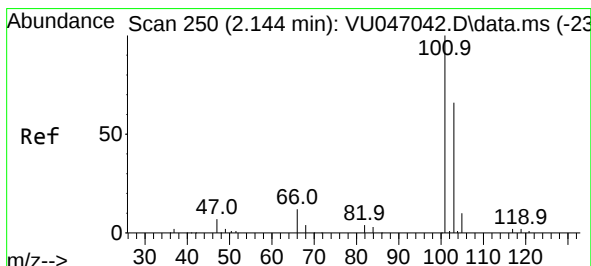
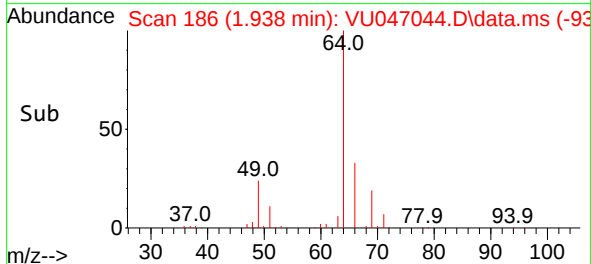
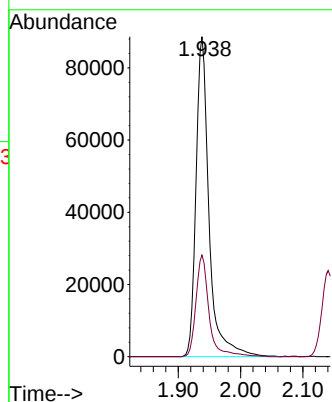
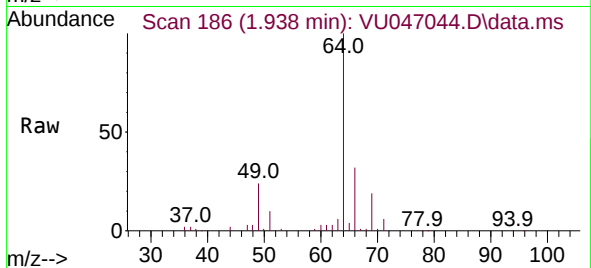




#8
Chloroethane
Concen: 24.371 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

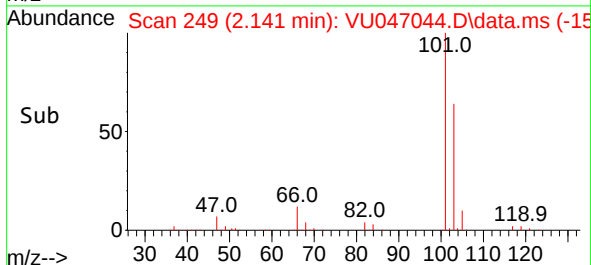
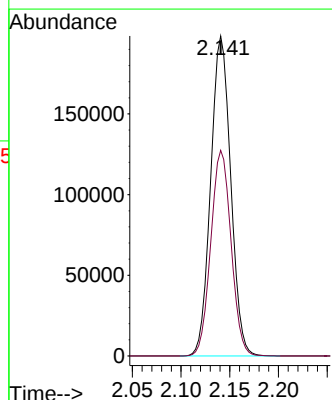
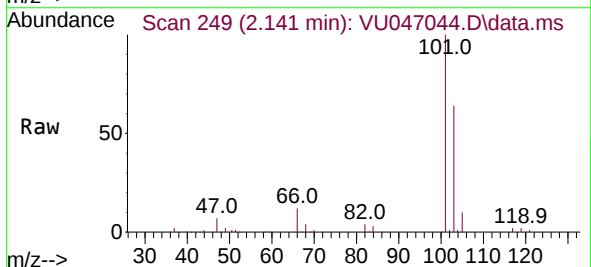
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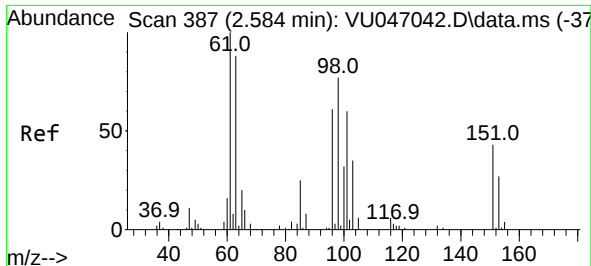
Tgt Ion: 64 Resp: 128187
Ion Ratio Lower Upper
64 100
66 31.8 24.4 45.4



#9
Trichlorofluoromethane
Concen: 25.337 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:101 Resp: 283141
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

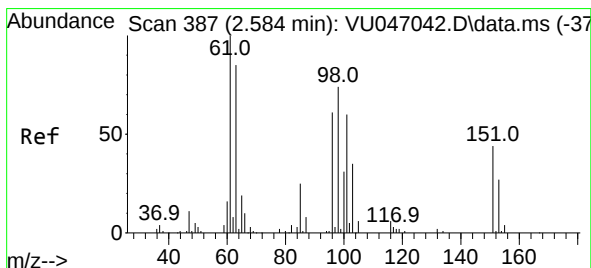
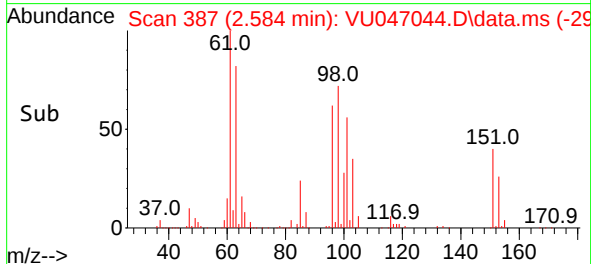
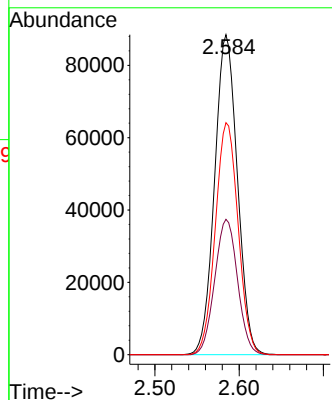
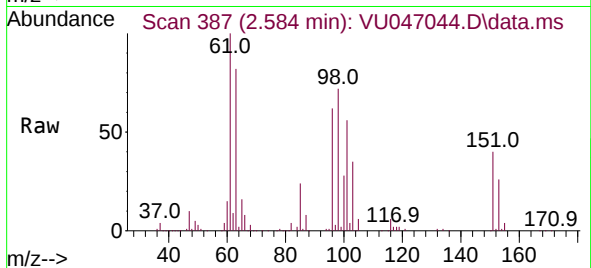




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.040 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

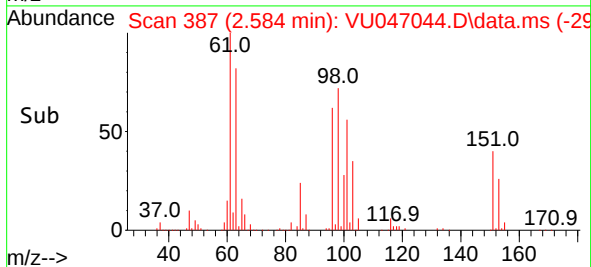
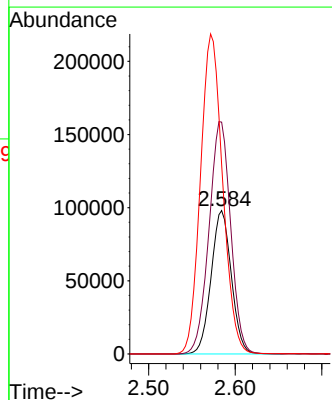
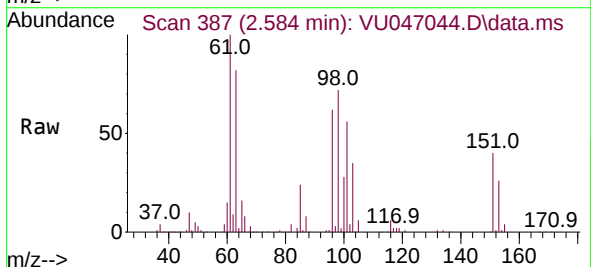
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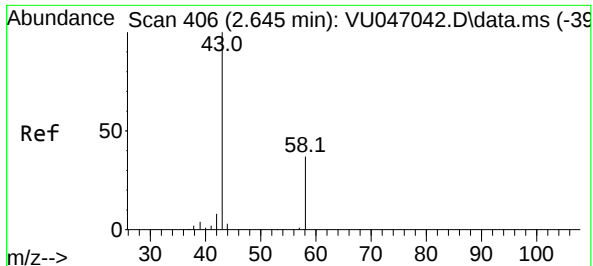
Tgt Ion:101 Resp: 166038
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.8 50.6
 151 72.6 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.594 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

Tgt Ion: 96 Resp: 158651
 Ion Ratio Lower Upper
 96 100
 61 161.8 115.5 214.5
 63 132.2 103.6 192.4





#13

Acetone

Concen: 194.153 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

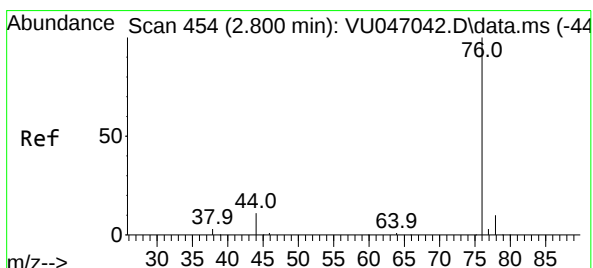
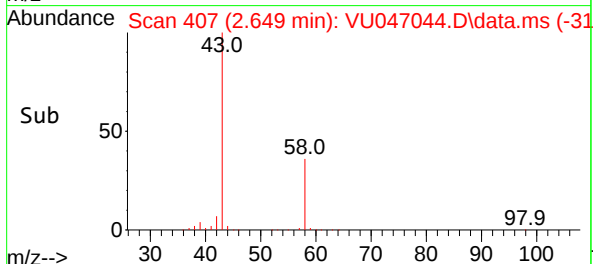
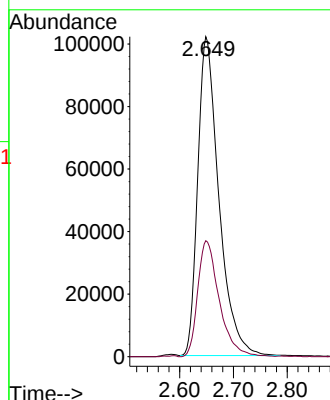
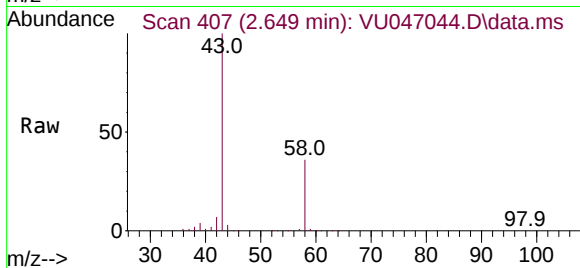
ClientSampleId :

Tgt Ion: 43 Resp: 278240

Ion Ratio Lower Upper

43 100

58 37.1 0.0 74.0



#14

Carbon disulfide

Concen: 23.448 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU047044.D

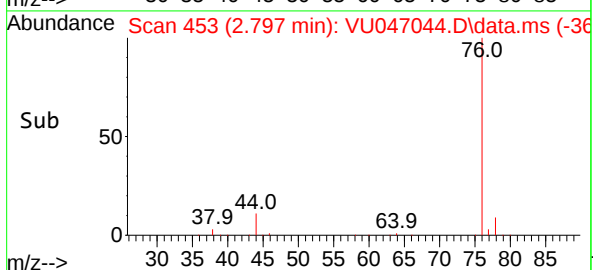
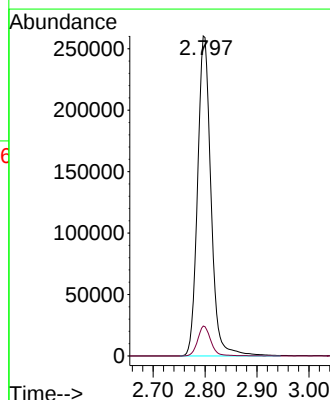
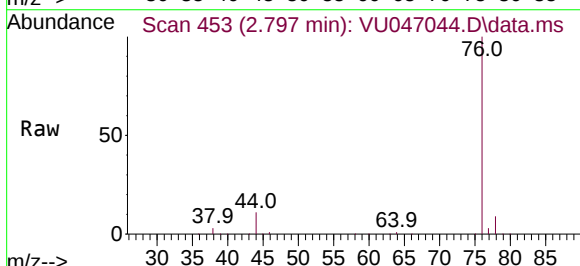
Acq: 04 Feb 2022 13:53

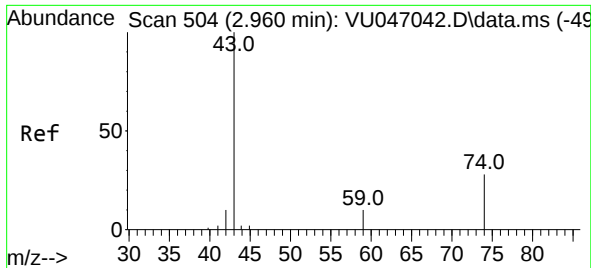
Tgt Ion: 76 Resp: 467058

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

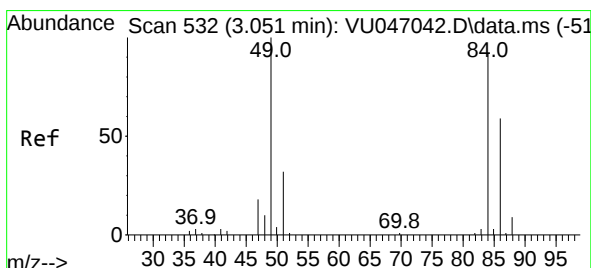
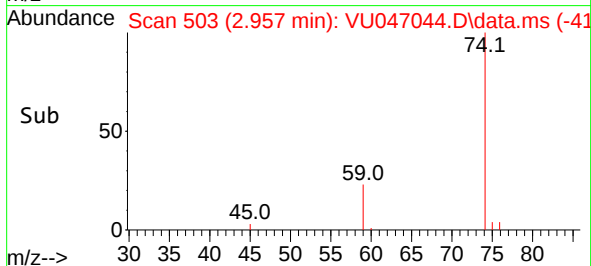
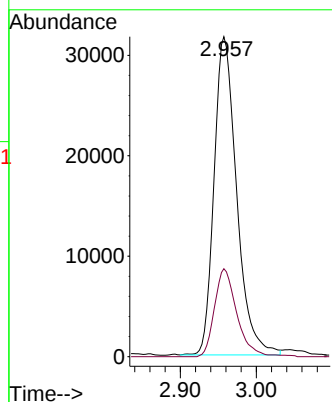
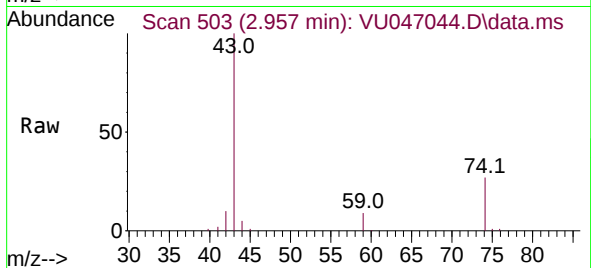




#15
Methyl Acetate
Concen: 20.759 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

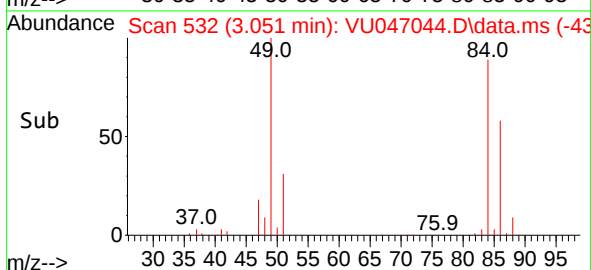
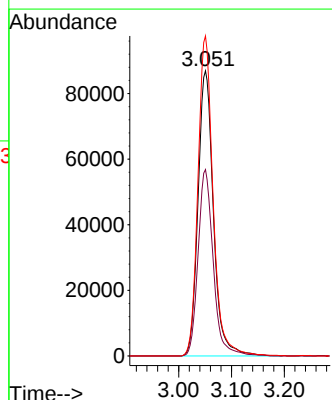
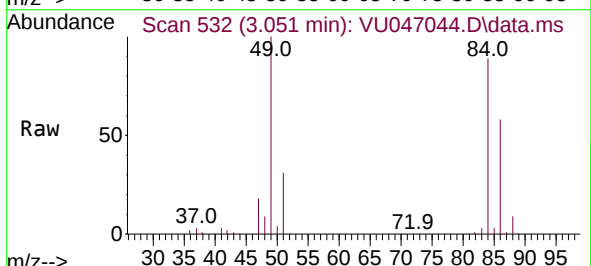
Instrument :
MSVOA_U
ClientSampleId :

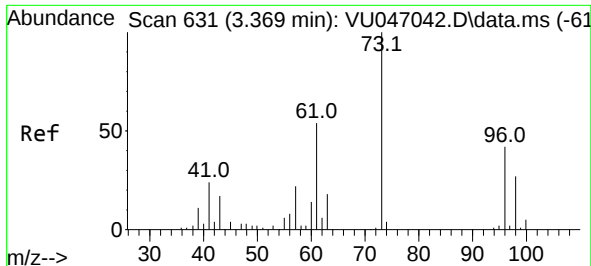
Tgt Ion: 43 Resp: 65431
Ion Ratio Lower Upper
43 100
74 27.0 21.0 31.4



#16
Methylene chloride
Concen: 23.548 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 84 Resp: 176136
Ion Ratio Lower Upper
84 100
86 65.4 45.1 83.7
49 112.2 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 23.288 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

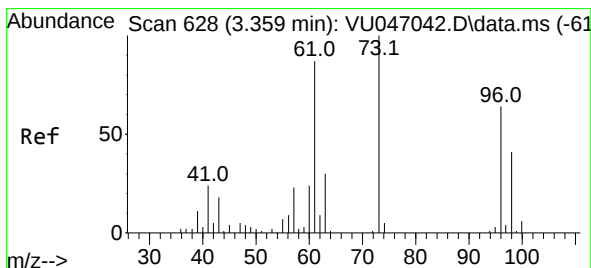
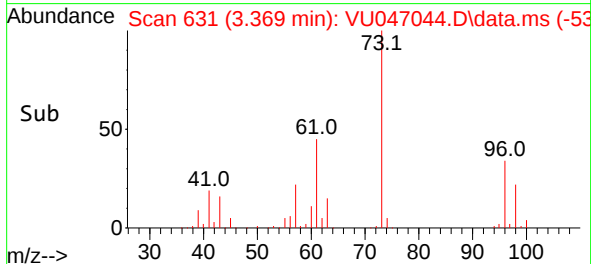
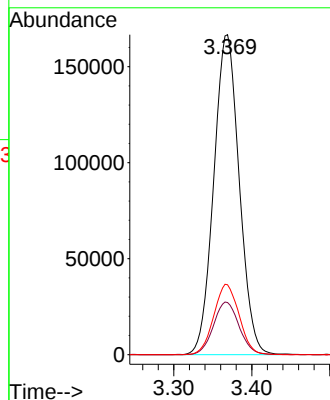
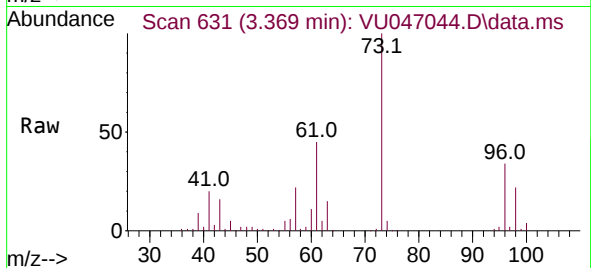
Tgt Ion: 73 Resp: 378511

Ion Ratio Lower Upper

73 100

43 16.4 13.9 20.9

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 24.853 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

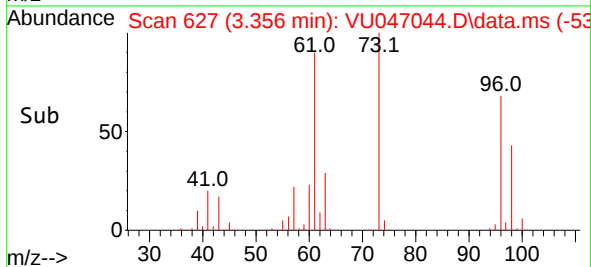
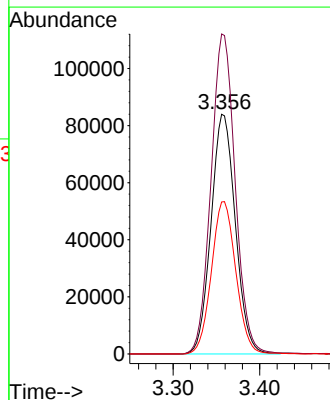
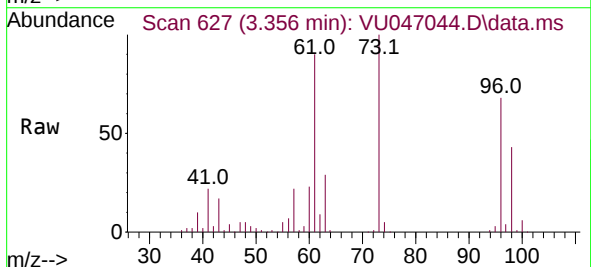
Tgt Ion: 96 Resp: 163786

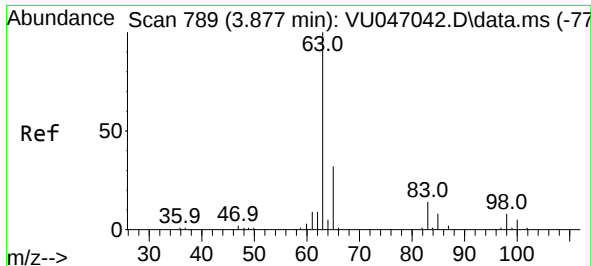
Ion Ratio Lower Upper

96 100

61 133.5 95.1 176.7

98 63.4 44.8 83.2





#19

1,1-Dichloroethane

Concen: 26.131 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

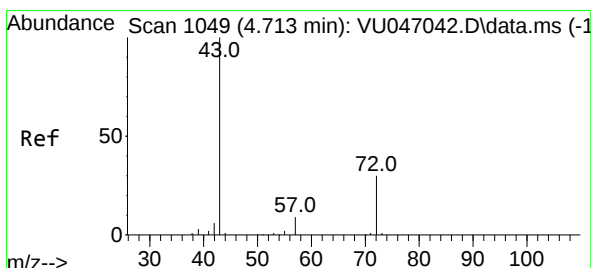
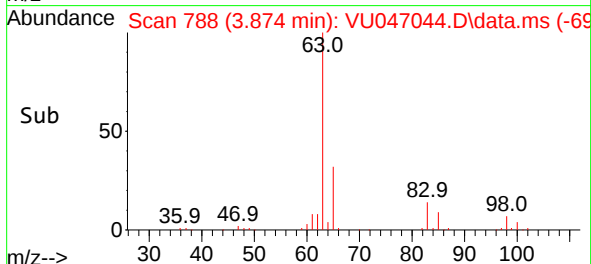
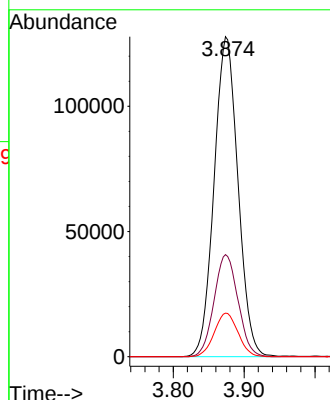
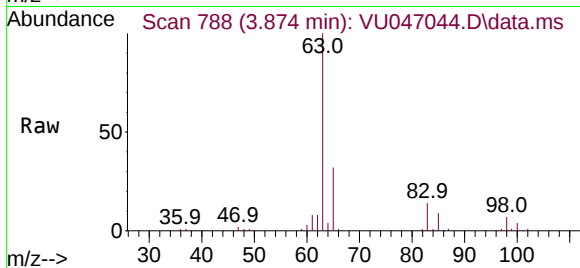
Tgt Ion: 63 Resp: 298342

Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.1

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 205.404 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU047044.D

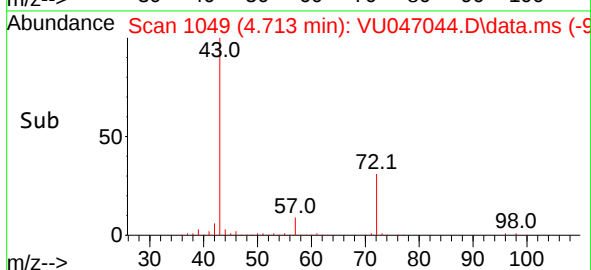
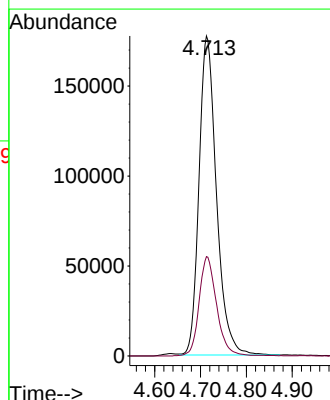
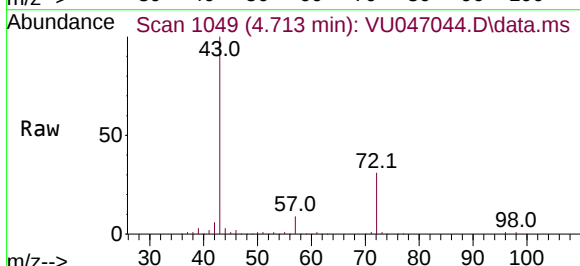
Acq: 04 Feb 2022 13:53

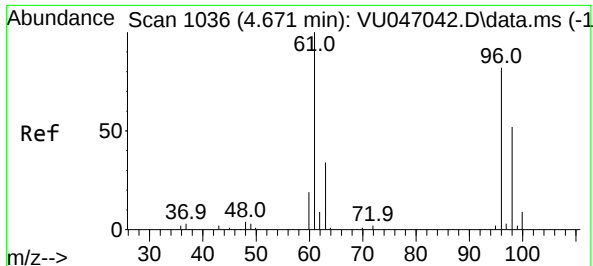
Tgt Ion: 43 Resp: 468153

Ion Ratio Lower Upper

43 100

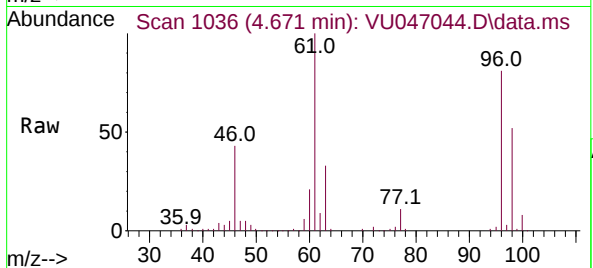
72 31.2 15.0 45.0



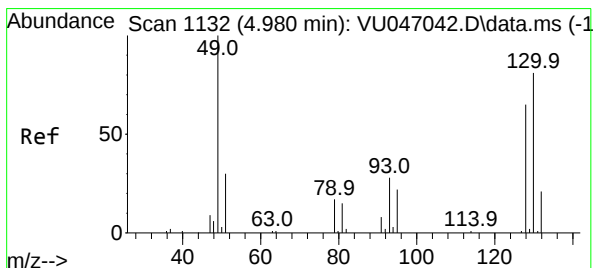
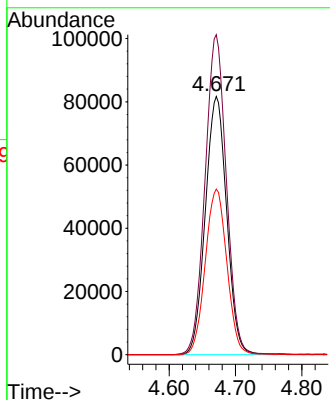
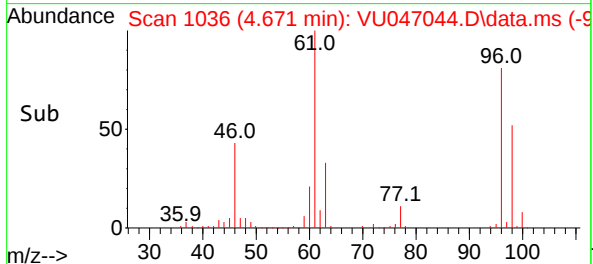


#22
 cis-1,2-Dichloroethene
 Concen: 26.257 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

Instrument :
 MSVOA_U
 ClientSampleId :

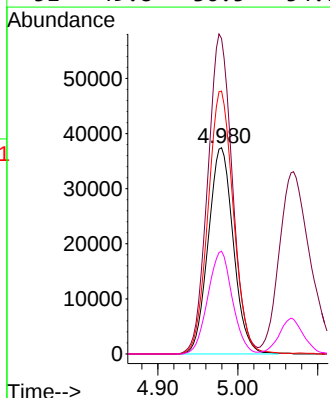
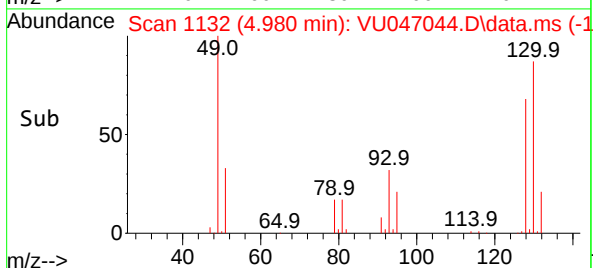
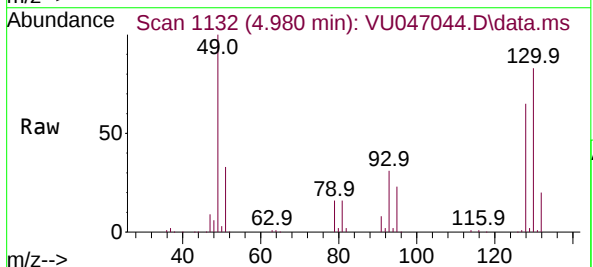


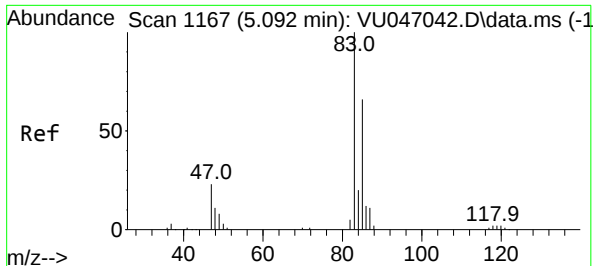
Tgt Ion: 96 Resp: 183331
 Ion Ratio Lower Upper
 96 100
 61 123.9 85.6 159.0
 98 64.1 44.7 83.1



#23
 Bromochloromethane
 Concen: 23.926 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047044.D
 Acq: 04 Feb 2022 13:53

Tgt Ion: 128 Resp: 81477
 Ion Ratio Lower Upper
 128 100
 49 152.9 107.4 199.6
 130 127.5 87.3 162.1
 51 49.8 36.5 54.7





#25

Chloroform

Concen: 18.345 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

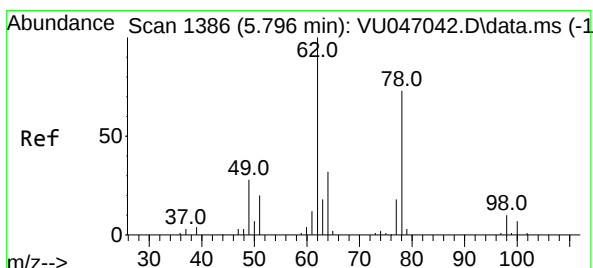
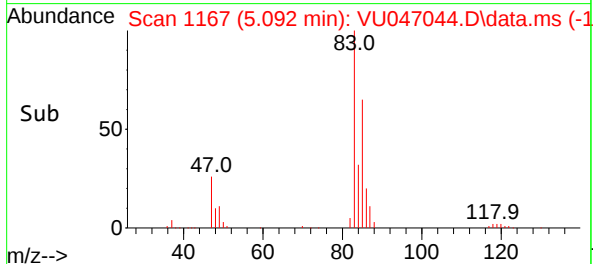
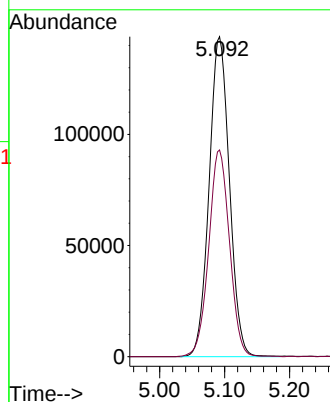
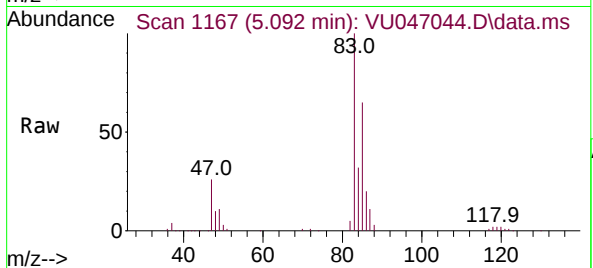
ClientSampleId :

Tgt Ion: 83 Resp: 312123

Ion Ratio Lower Upper

83 100

85 64.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 24.521 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047044.D

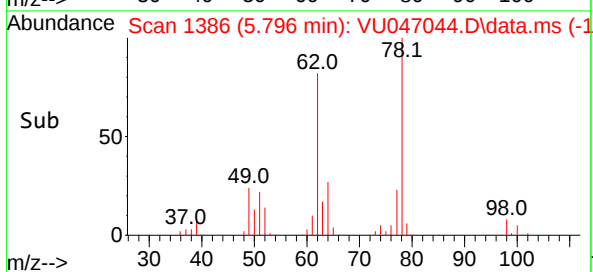
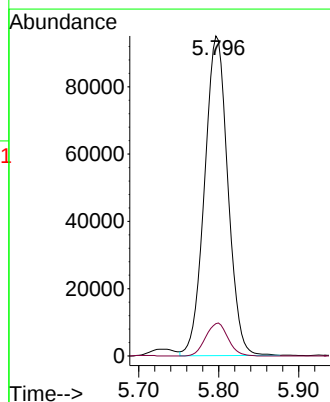
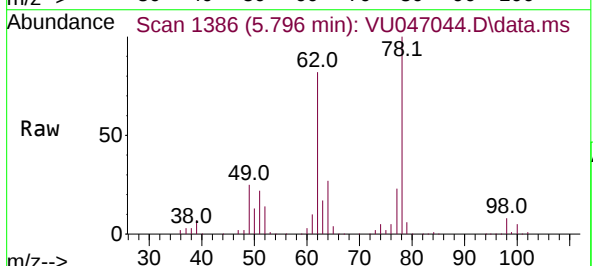
Acq: 04 Feb 2022 13:53

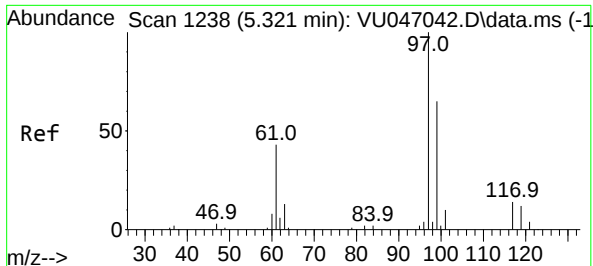
Tgt Ion: 62 Resp: 191971

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 24.986 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

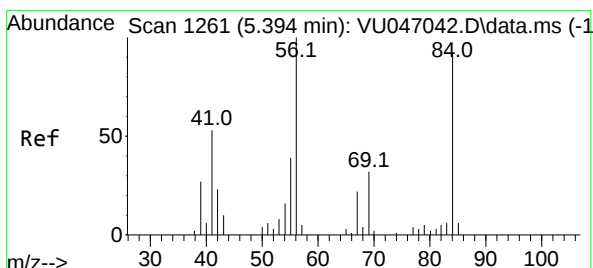
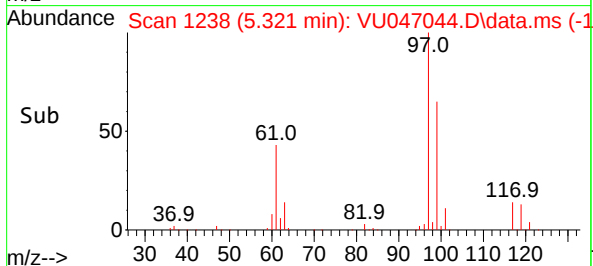
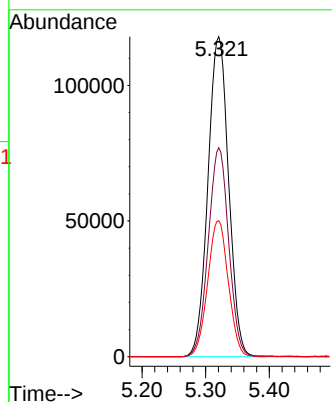
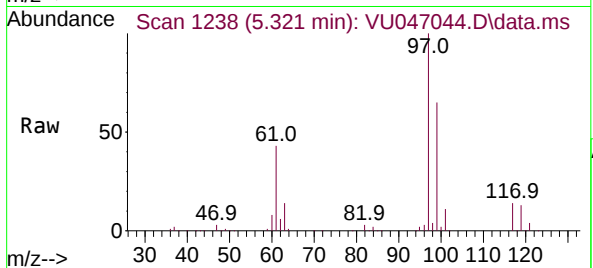
Tgt Ion: 97 Resp: 266506

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 42.4 34.6 52.0



#30

Cyclohexane

Concen: 24.799 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

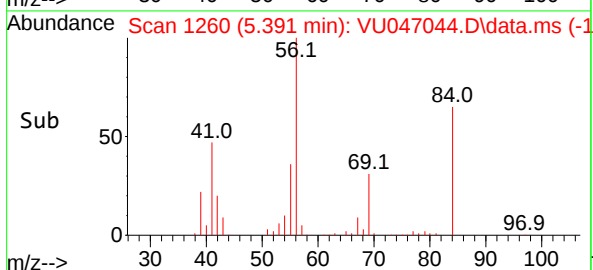
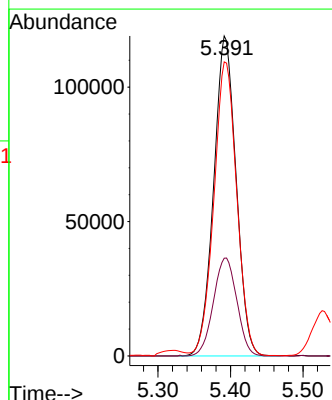
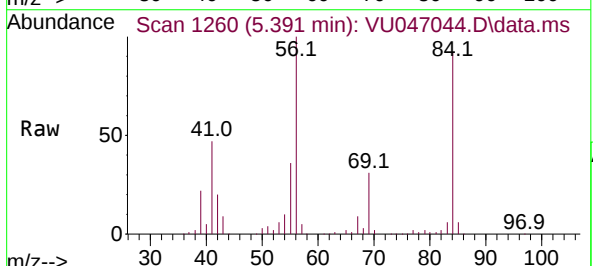
Tgt Ion: 56 Resp: 255782

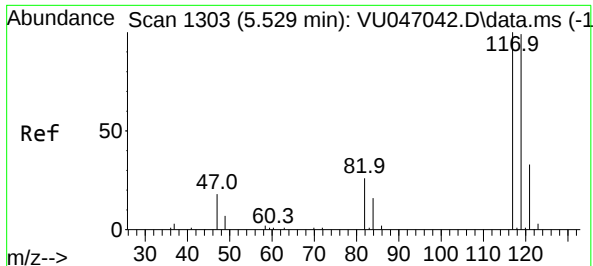
Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 93.9 73.0 109.6

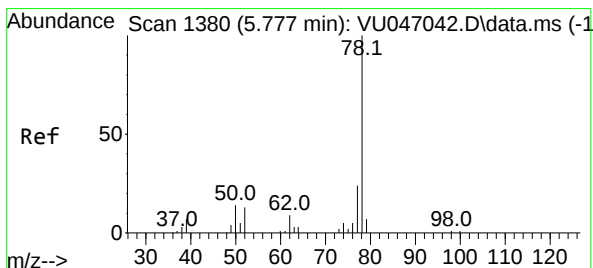
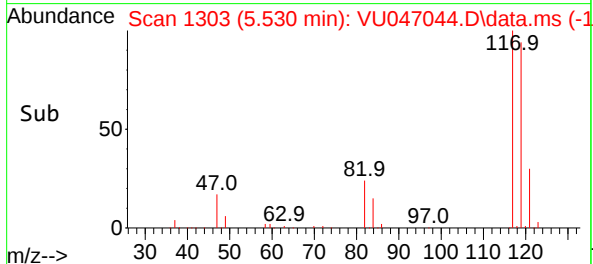
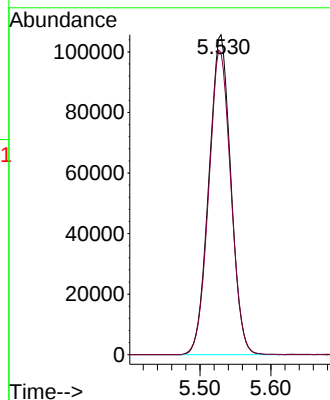
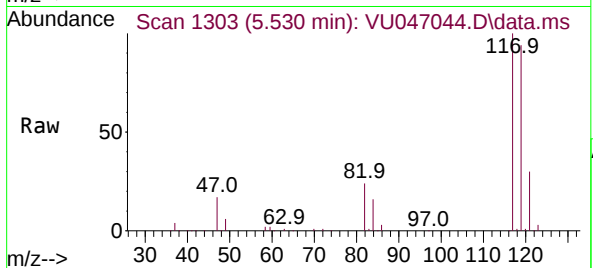




#31
Carbon tetrachloride
Concen: 24.754 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

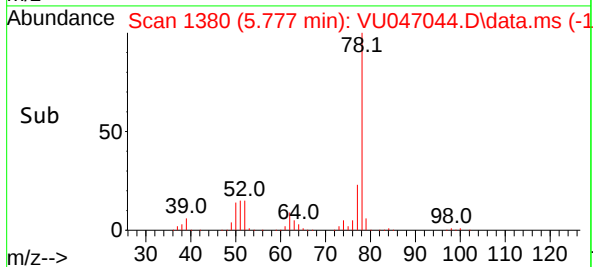
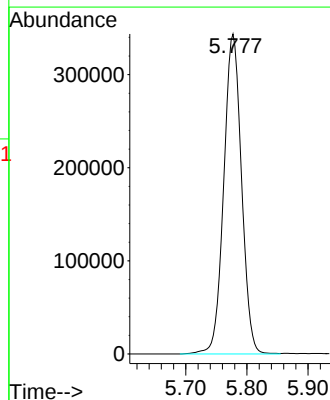
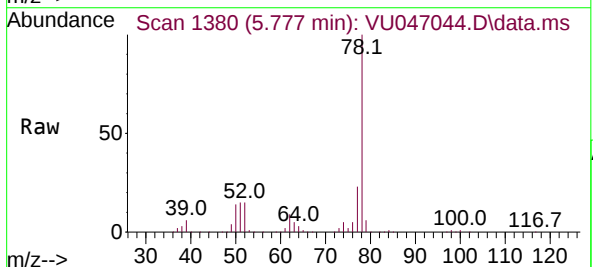
Instrument :
MSVOA_U
ClientSampleId :

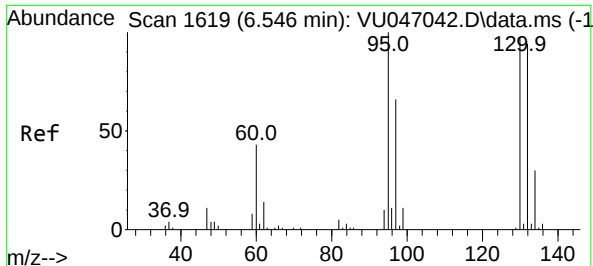
Tgt Ion:117 Resp: 226399
Ion Ratio Lower Upper
117 100
119 96.2 79.8 119.8



#33
Benzene
Concen: 24.999 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 78 Resp: 693304

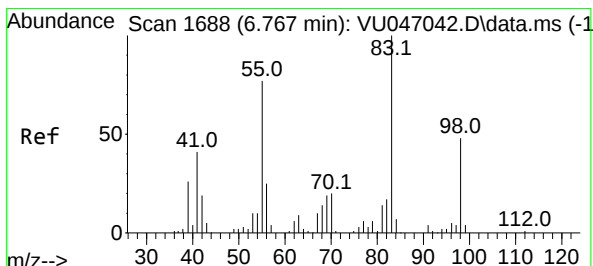
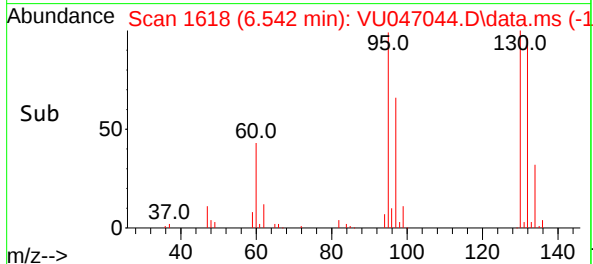
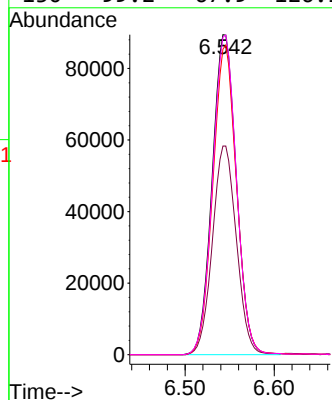
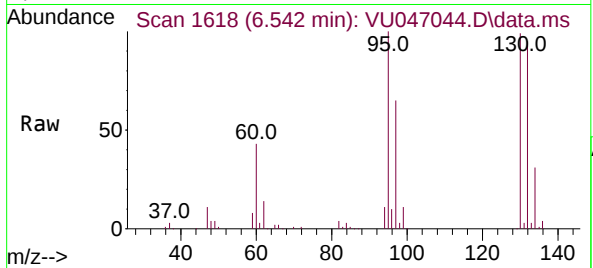




#34
Trichloroethene
Concen: 23.758 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

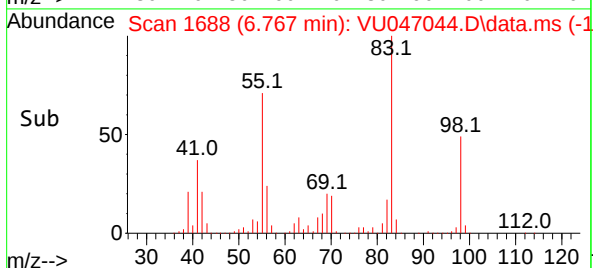
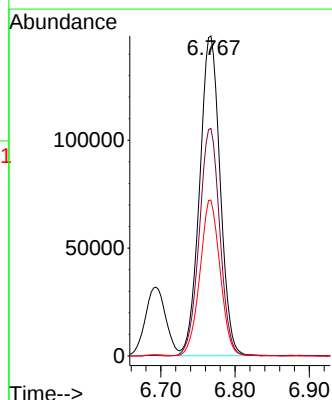
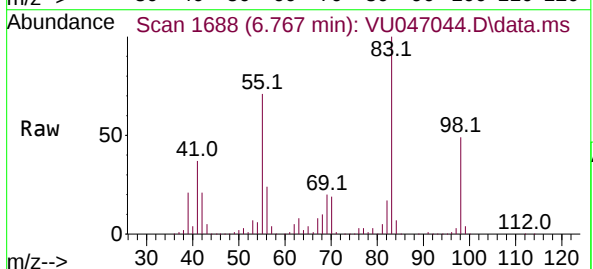
Instrument :
MSVOA_U
ClientSampleId :

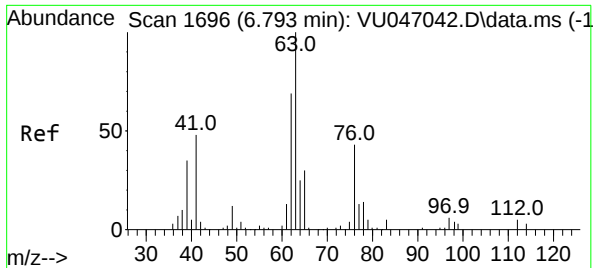
Tgt Ion: 95 Resp: 168752
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.5
132 95.5 65.9 122.5
130 99.2 67.9 126.1



#35
Methylcyclohexane
Concen: 24.683 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 83 Resp: 283909
Ion Ratio Lower Upper
83 100
55 71.7 61.2 91.8
98 48.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 25.537 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

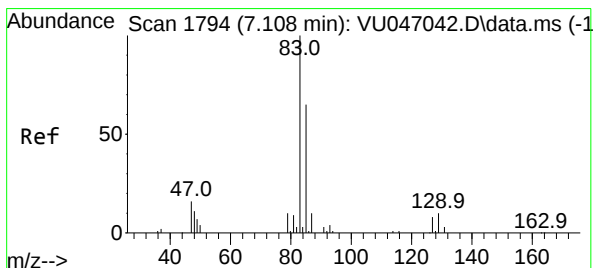
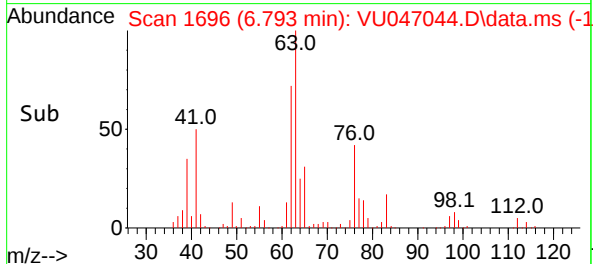
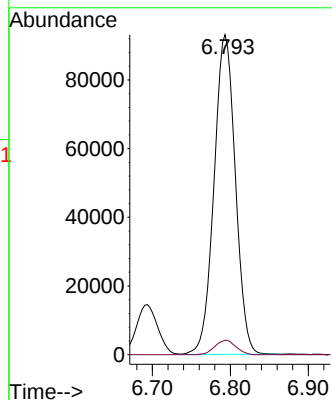
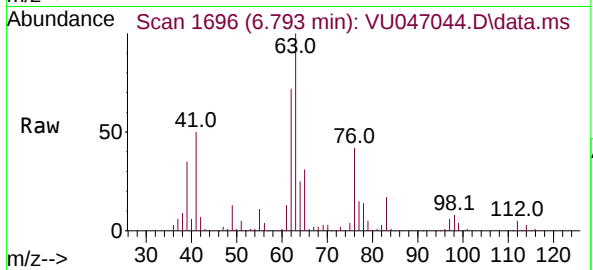
ClientSampleId :

Tgt Ion: 63 Resp: 177122

Ion Ratio Lower Upper

63 100

112 4.4 4.0 6.0



#38

Bromodichloromethane

Concen: 22.592 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

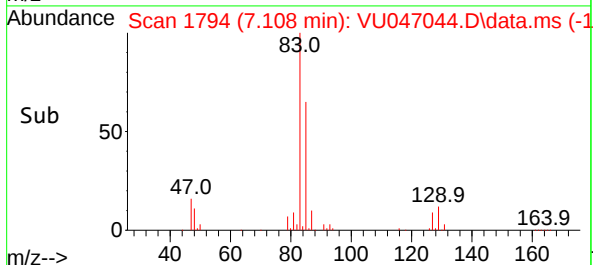
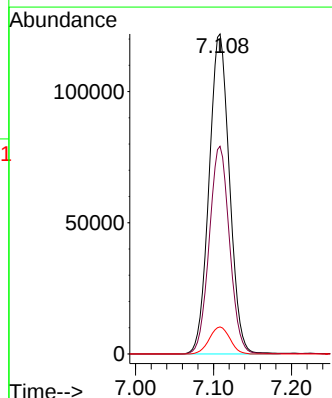
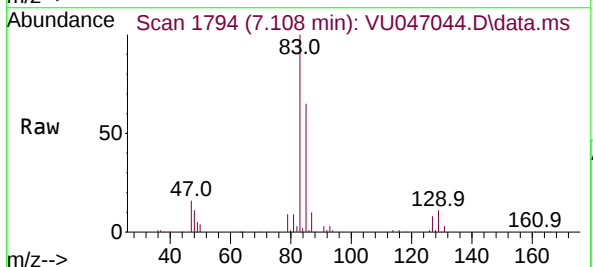
Tgt Ion: 83 Resp: 221689

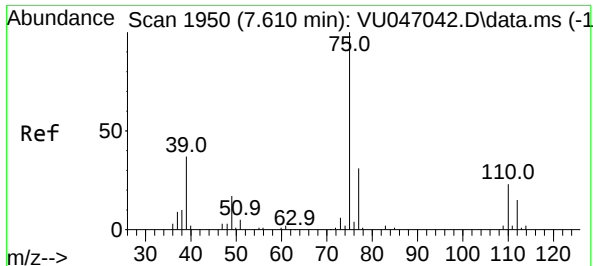
Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.598 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

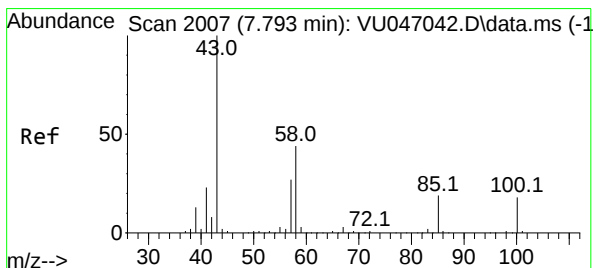
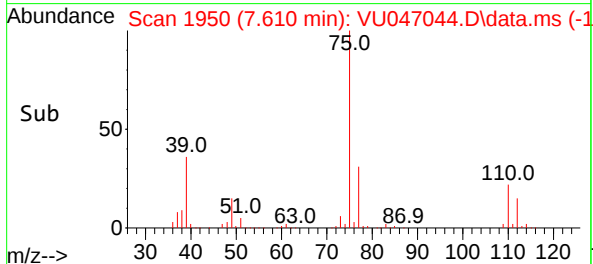
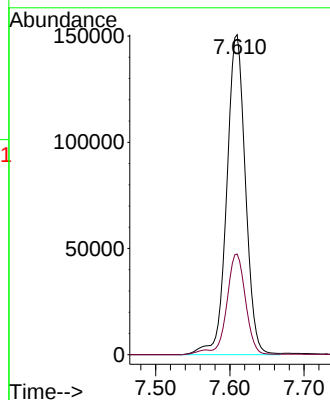
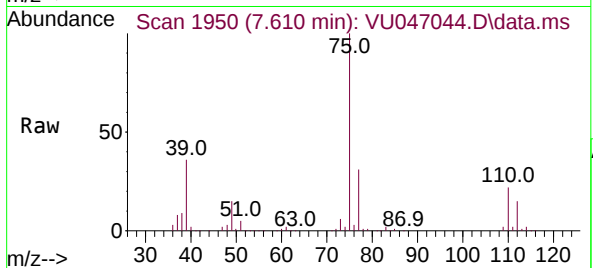
ClientSampleId :

Tgt Ion: 75 Resp: 263411

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 227.430 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

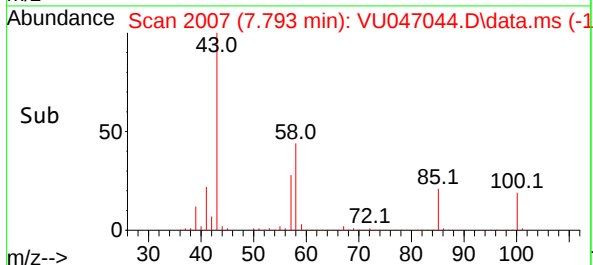
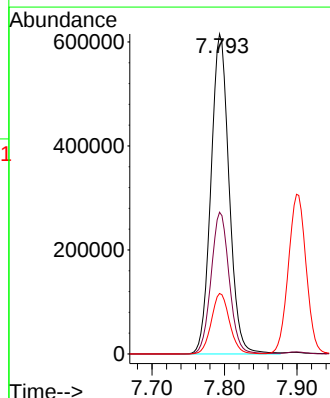
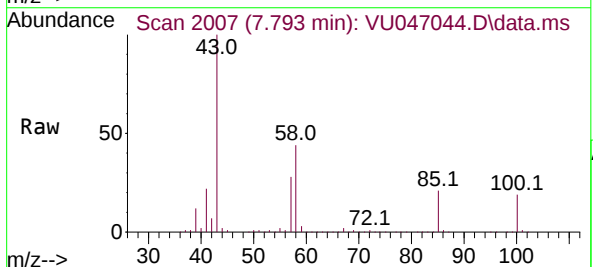
Tgt Ion: 43 Resp: 1070059

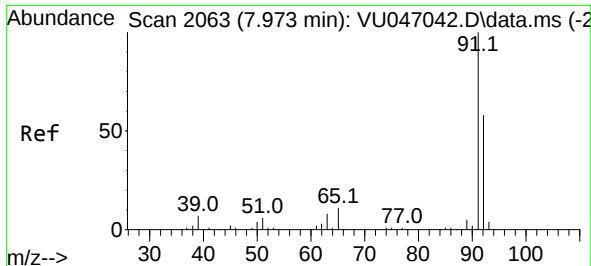
Ion Ratio Lower Upper

43 100

58 44.4 34.0 51.0

100 18.9 14.1 21.1





#42

Toluene

Concen: 22.517 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

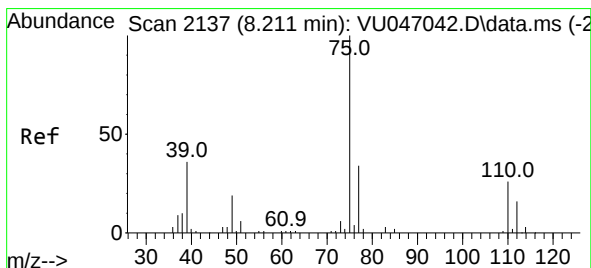
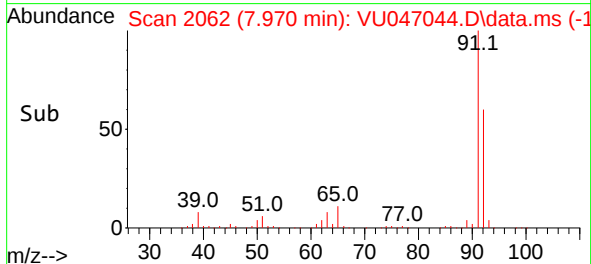
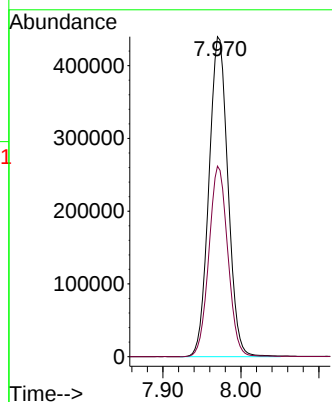
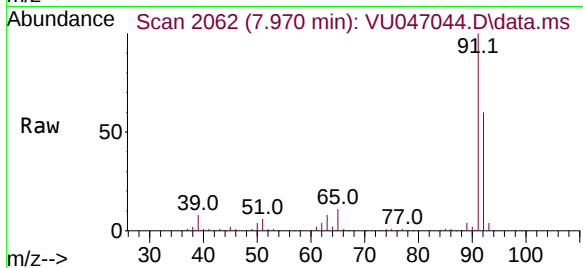
ClientSampleId :

Tgt Ion: 91 Resp: 745694

Ion Ratio Lower Upper

91 100

92 59.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 24.814 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047044.D

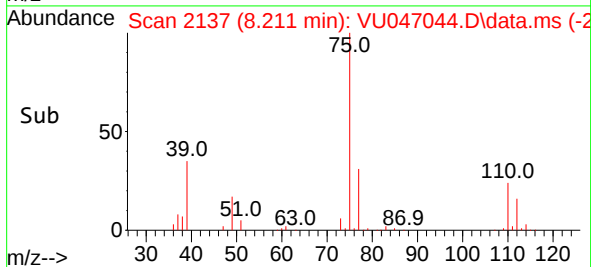
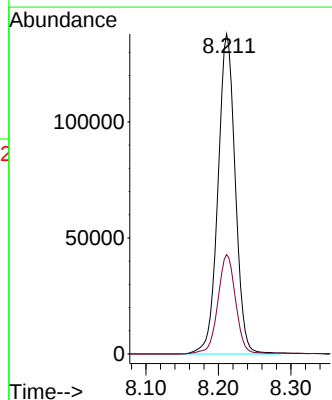
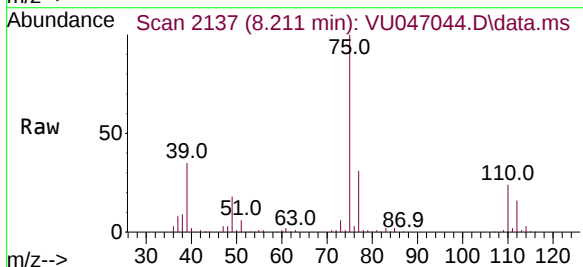
Acq: 04 Feb 2022 13:53

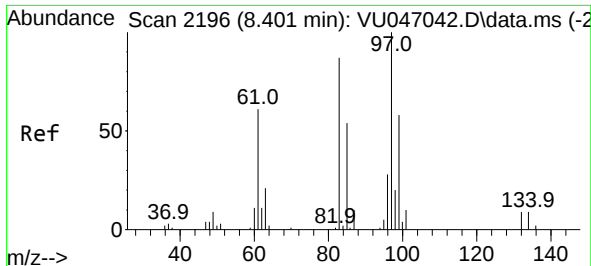
Tgt Ion: 75 Resp: 228625

Ion Ratio Lower Upper

75 100

77 31.0 23.7 43.9

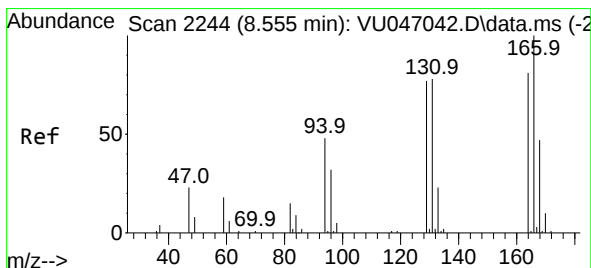
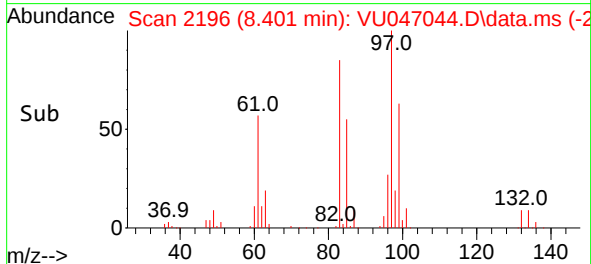
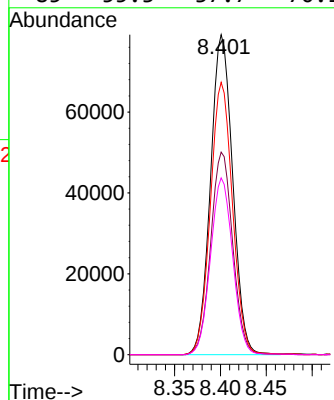
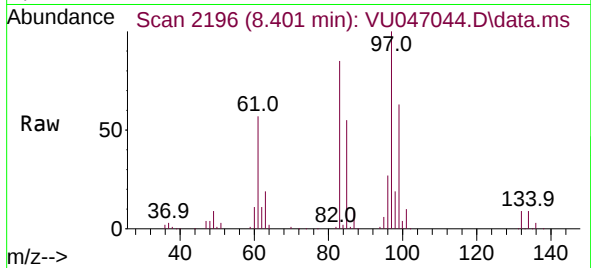




#45
1,1,2-Trichloroethane
Concen: 23.242 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

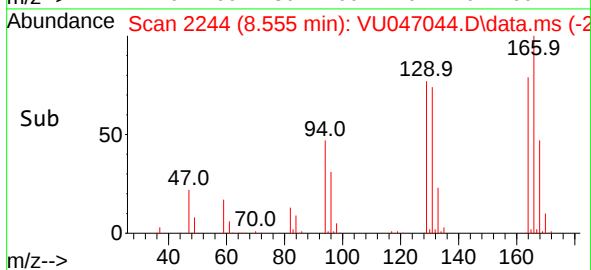
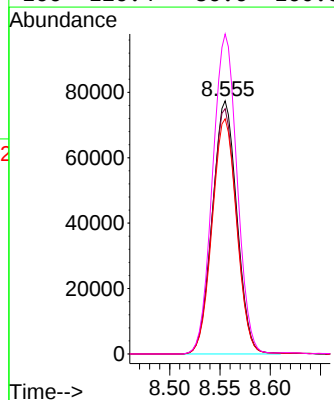
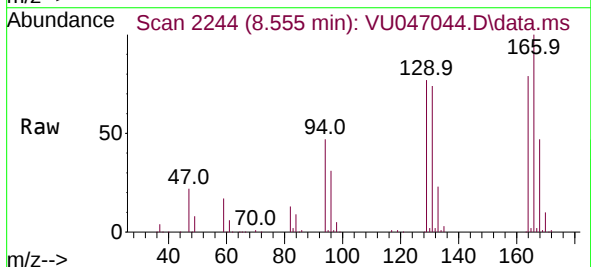
Instrument :
MSVOA_U
ClientSampleId :

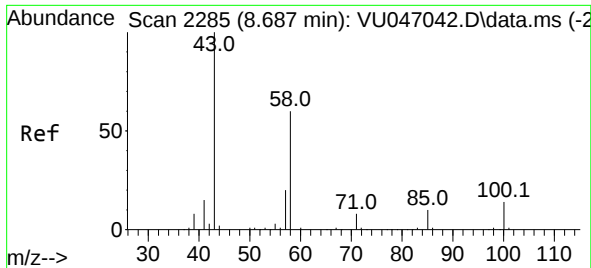
Tgt Ion:	97	Resp:	133182
Ion	Ratio	Lower	Upper
97	100		
99	63.3	40.4	75.0
83	85.1	60.6	112.6
85	55.3	37.7	70.1



#47
Tetrachloroethene
Concen: 22.884 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:	164	Resp:	131292
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.5	123.5
131	92.9	67.5	125.4
166	126.4	86.6	160.8



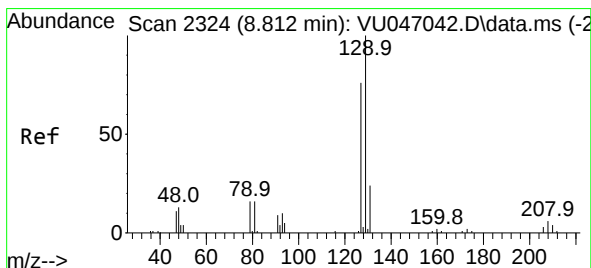
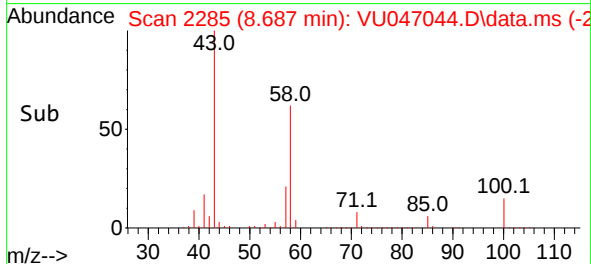
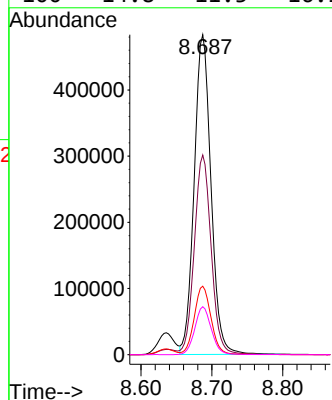
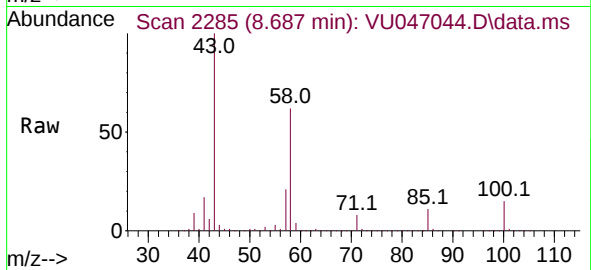


#48
2-Hexanone
Concen: 220.755 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 796437

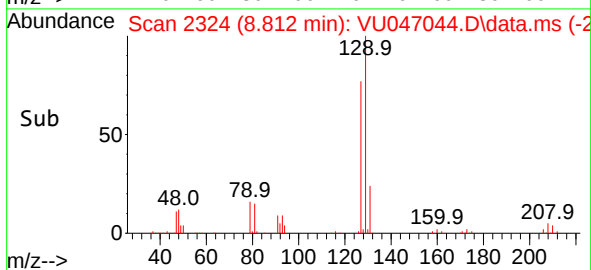
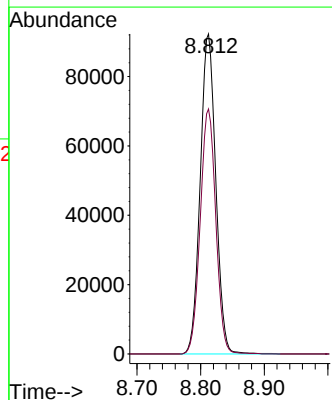
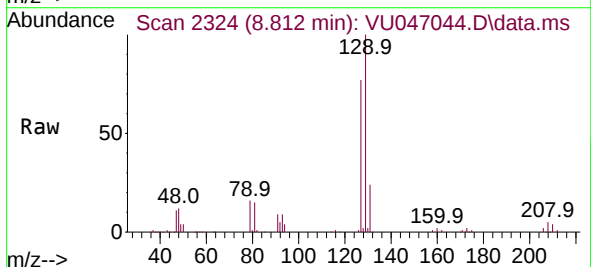
Ion	Ratio	Lower	Upper
43	100		
58	62.2	47.8	71.6
57	21.4	16.2	24.4
100	14.8	11.3	16.9

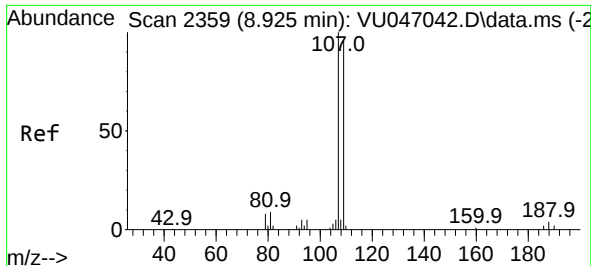


#49
Dibromochloromethane
Concen: 23.330 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 129 Resp: 156763

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.4	99.2

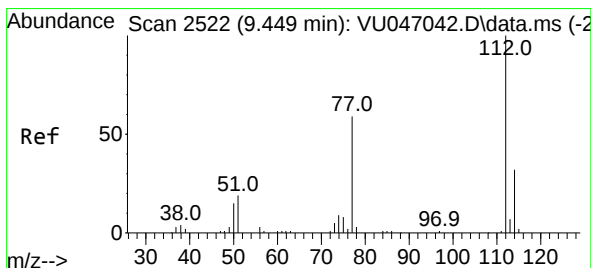
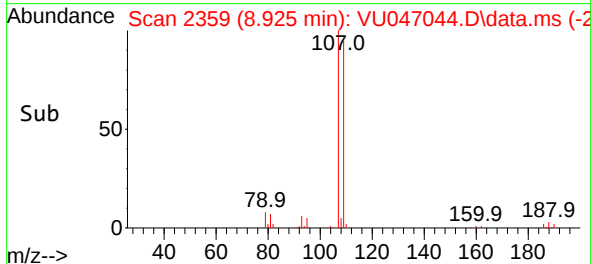
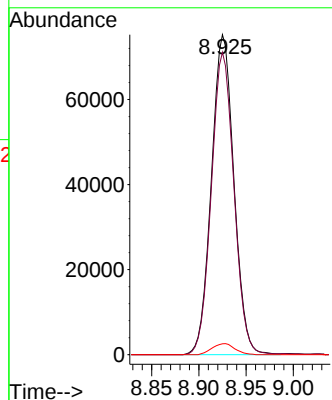
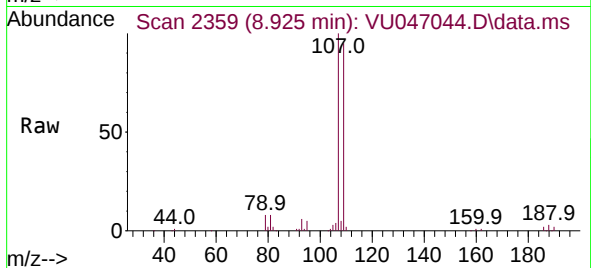




#50
1,2-Dibromoethane
Concen: 22.073 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

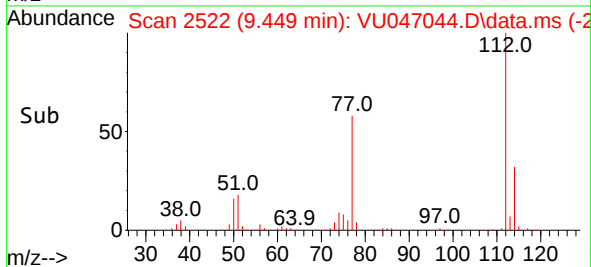
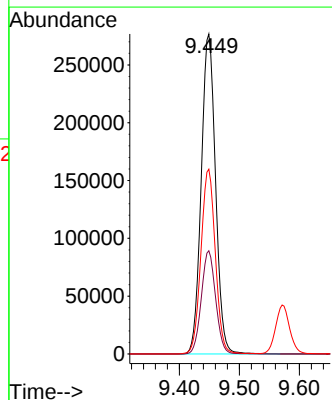
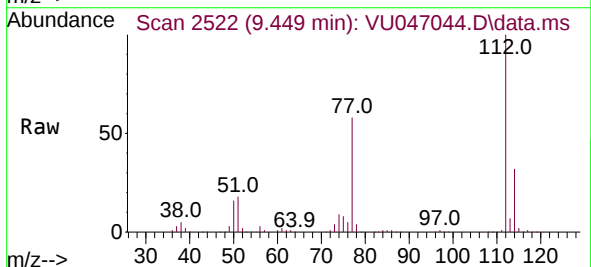
Instrument :
MSVOA_U
ClientSampleId :

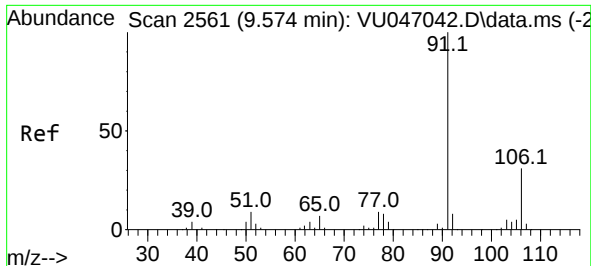
Tgt Ion:107 Resp: 124722
Ion Ratio Lower Upper
107 100
109 94.5 67.4 125.2
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 24.103 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:112 Resp: 460615
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 57.8 47.3 70.9





#52

Ethylbenzene

Concen: 25.991 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

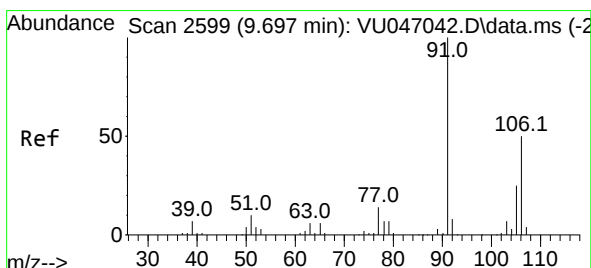
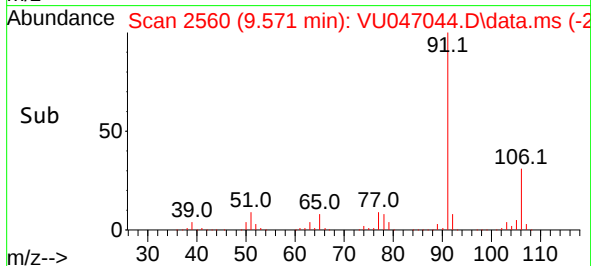
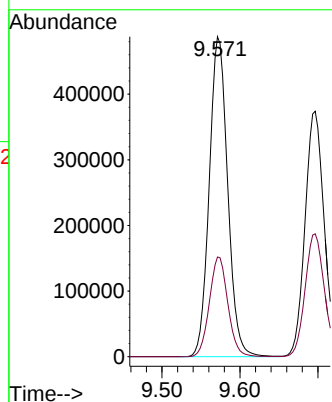
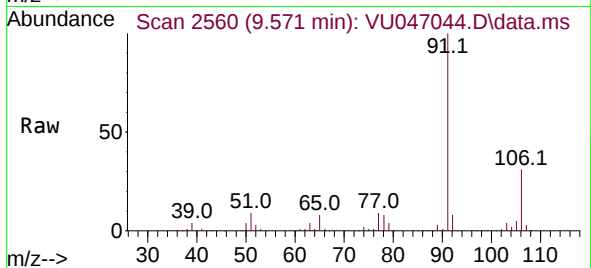
ClientSampleId :

Tgt Ion: 91 Resp: 800191

Ion Ratio Lower Upper

91 100

106 31.2 22.0 40.8



#53

m,p-Xylene

Concen: 26.671 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047044.D

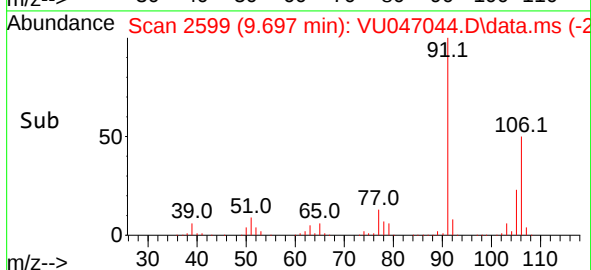
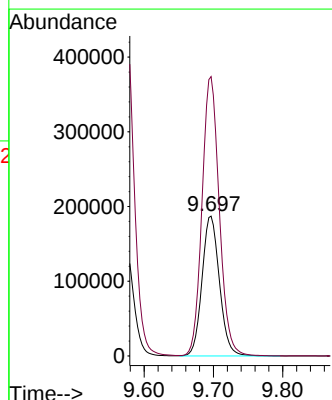
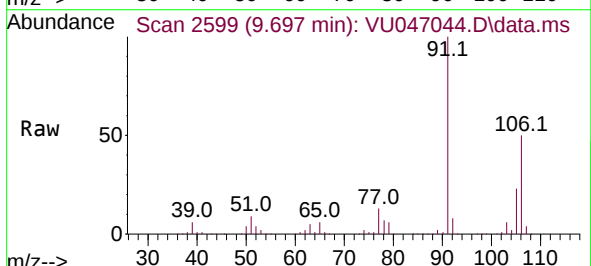
Acq: 04 Feb 2022 13:53

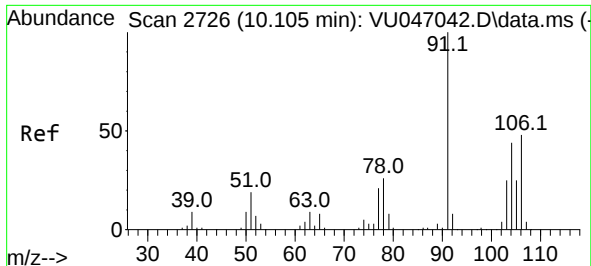
Tgt Ion:106 Resp: 326260

Ion Ratio Lower Upper

106 100

91 199.8 140.3 260.5

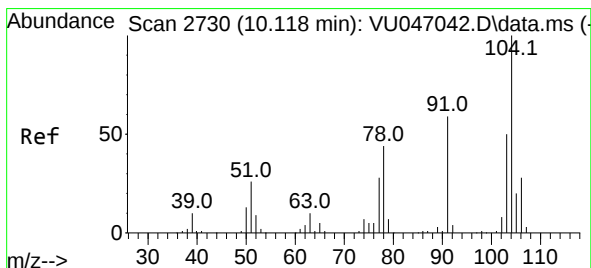
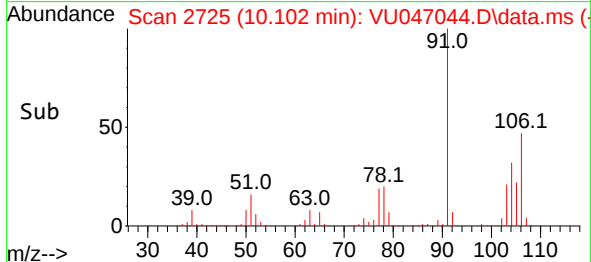
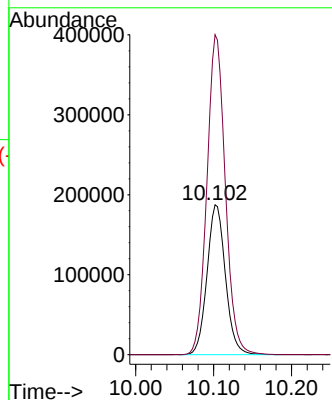
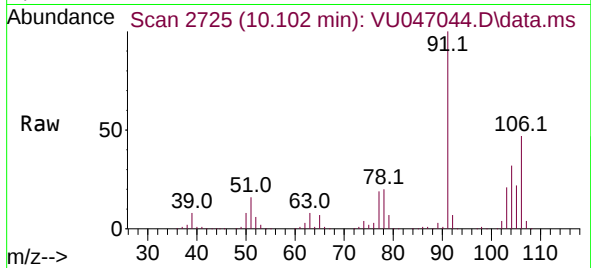




#54
o-Xylene
Concen: 25.869 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

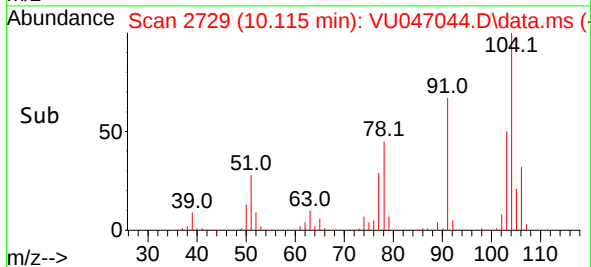
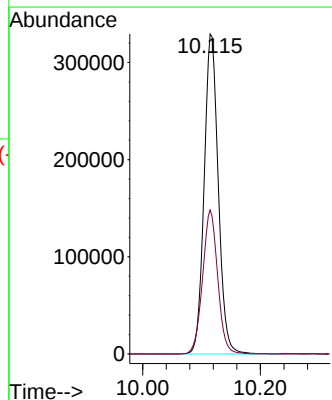
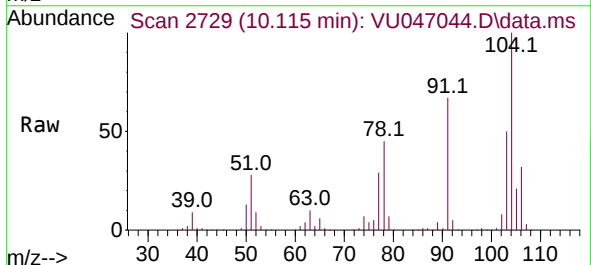
Instrument :
MSVOA_U
ClientSampleId :

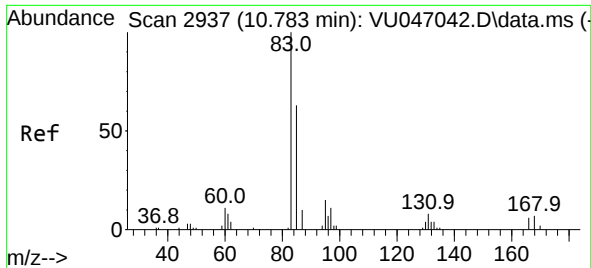
Tgt Ion:106 Resp: 307366
Ion Ratio Lower Upper
106 100
91 213.4 146.5 272.1



#55
Styrene
Concen: 27.908 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:104 Resp: 548557
Ion Ratio Lower Upper
104 100
78 45.0 30.7 57.1

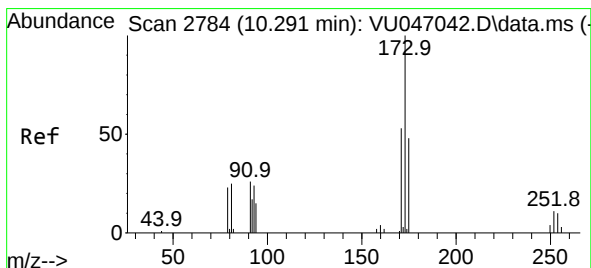
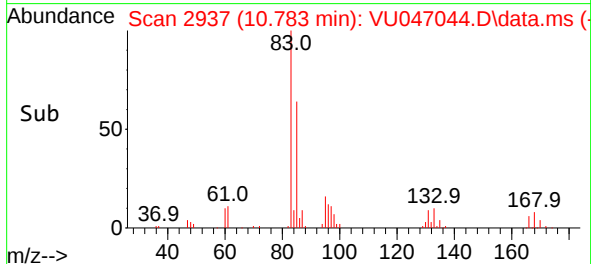
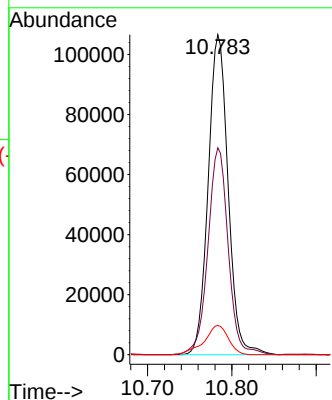
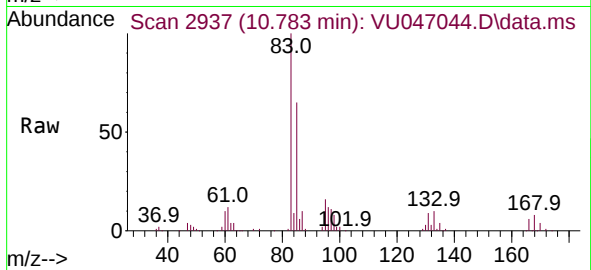




#57
1,1,2,2-Tetrachloroethane
Concen: 23.016 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

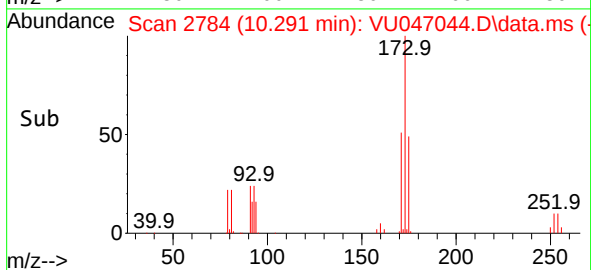
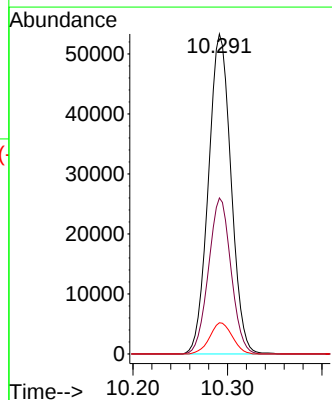
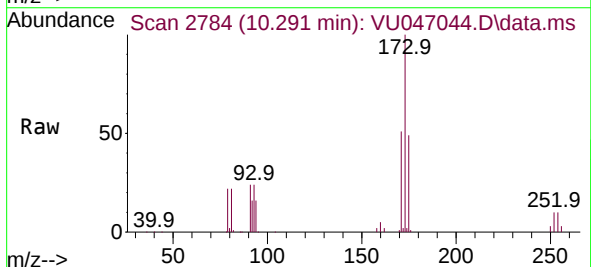
Instrument :
MSVOA_U
ClientSampleId :

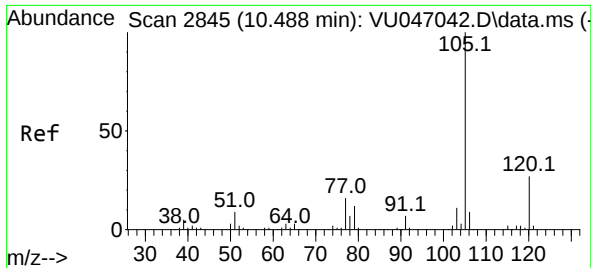
Tgt Ion: 83 Resp: 174955
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
131 9.1 7.4 11.0



#59
Bromoform
Concen: 20.994 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:173 Resp: 88564
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 9.8 7.2 10.8

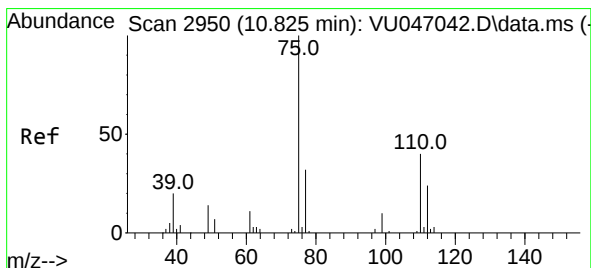
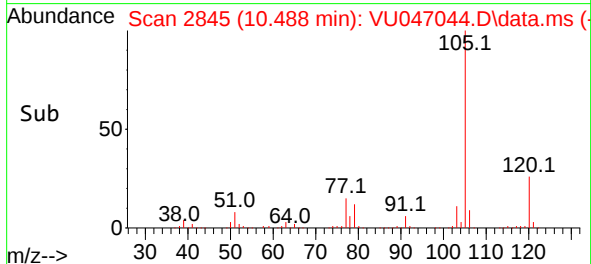
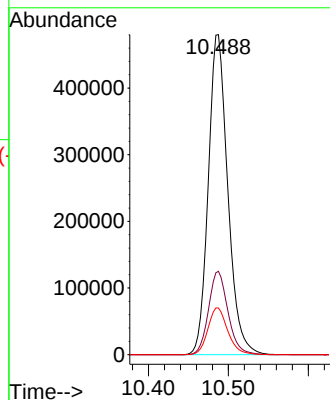
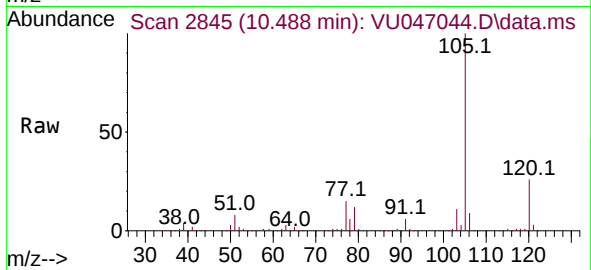




#60
Isopropylbenzene
Concen: 25.050 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

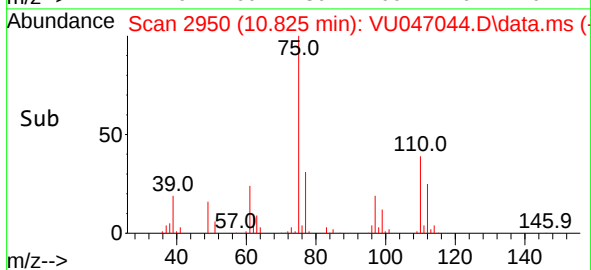
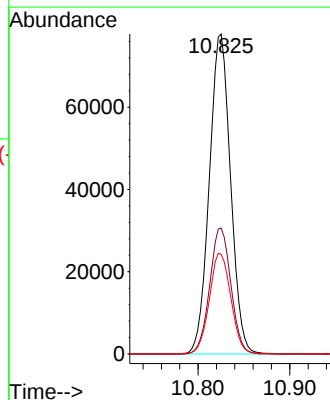
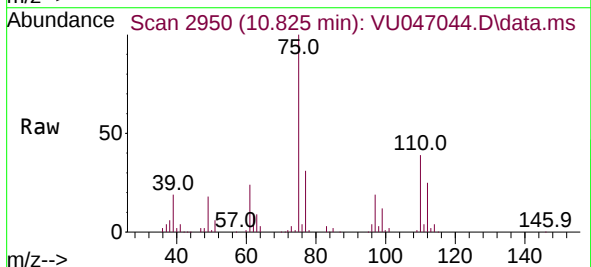
Instrument :
MSVOA_U
ClientSampleId :

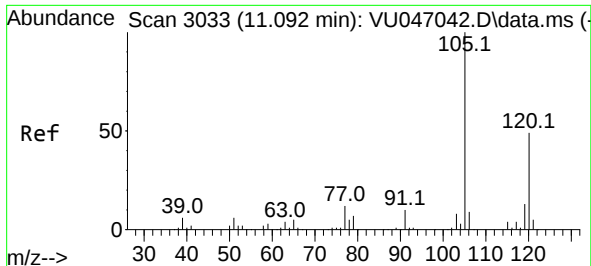
Tgt Ion:105 Resp: 813454
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 14.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.113 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion: 75 Resp: 125077
Ion Ratio Lower Upper
75 100
110 39.2 31.7 47.5
77 32.0 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 25.841 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

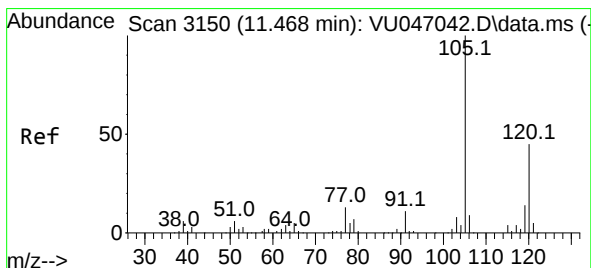
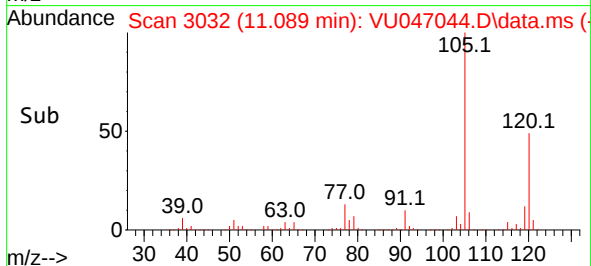
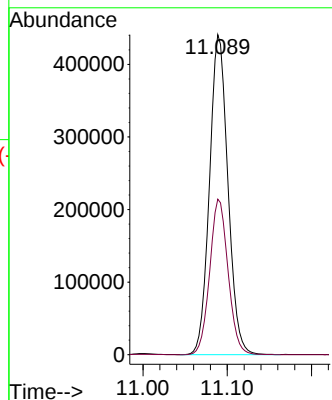
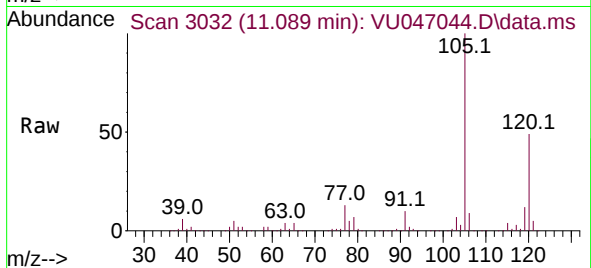
ClientSampleId :

Tgt Ion:105 Resp: 670035

Ion Ratio Lower Upper

105 100

120 48.5 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 25.916 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047044.D

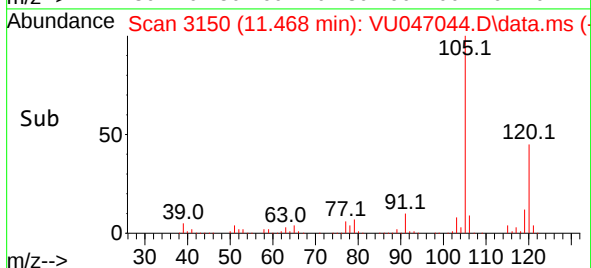
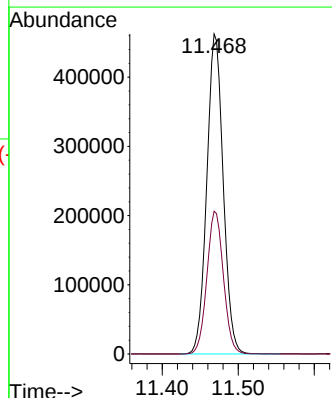
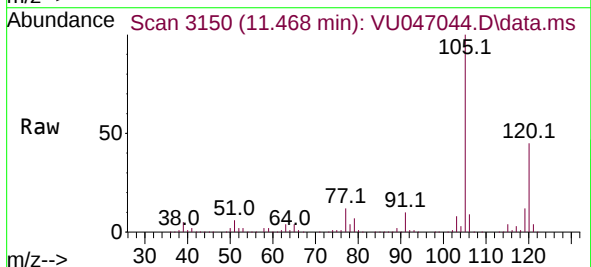
Acq: 04 Feb 2022 13:53

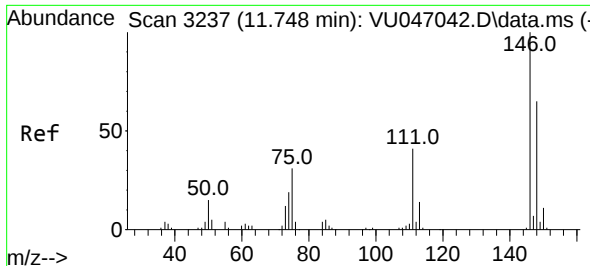
Tgt Ion:105 Resp: 692379

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1

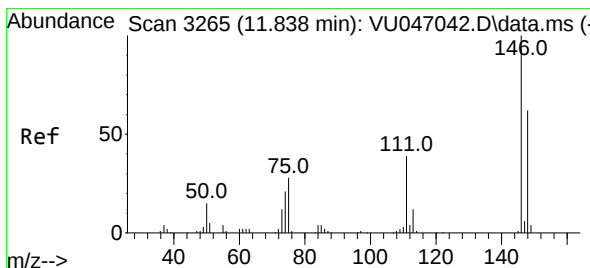
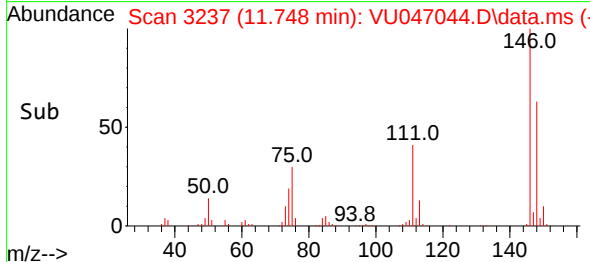
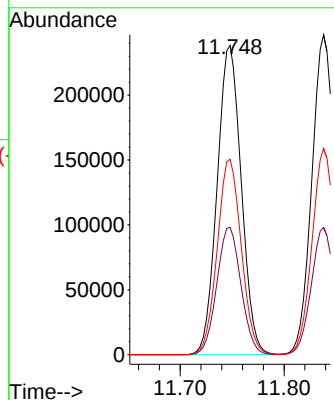
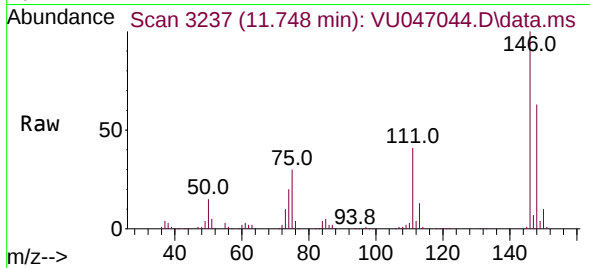




#64
1,3-Dichlorobenzene
Concen: 23.313 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

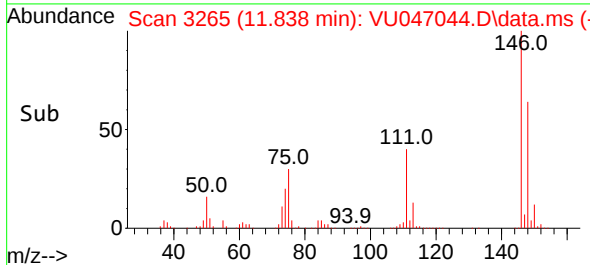
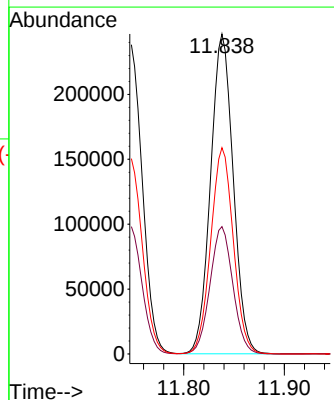
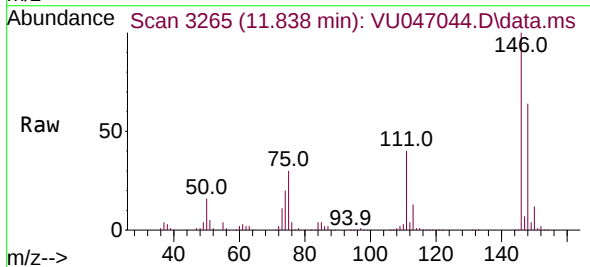
Instrument :
MSVOA_U
ClientSampleId :

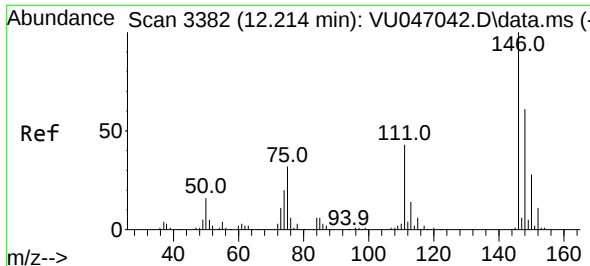
Tgt Ion:146 Resp: 384689
Ion Ratio Lower Upper
146 100
111 41.2 28.6 53.0
148 63.2 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 23.054 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047044.D
Acq: 04 Feb 2022 13:53

Tgt Ion:146 Resp: 386214
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 64.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 22.846 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

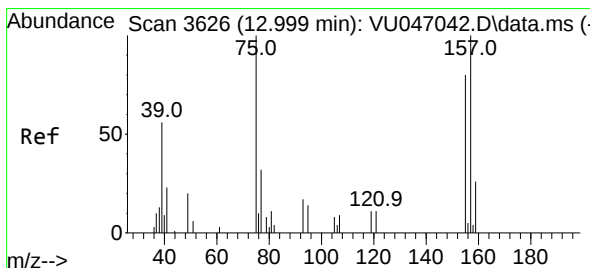
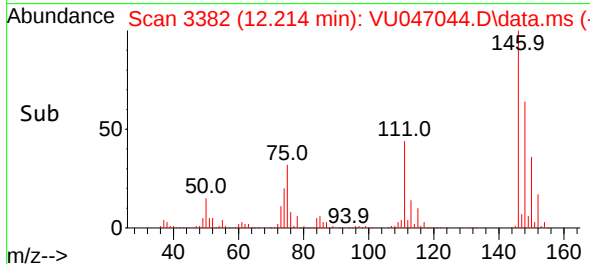
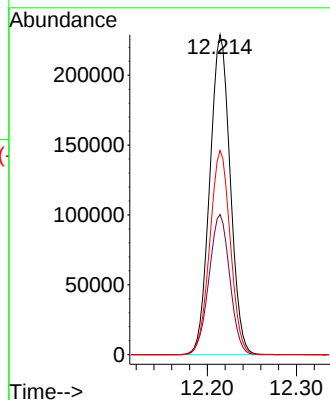
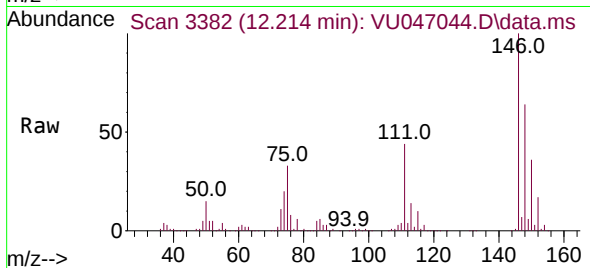
Tgt Ion:146 Resp: 363773

Ion Ratio Lower Upper

146 100

111 43.8 34.1 51.1

148 63.8 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.562 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

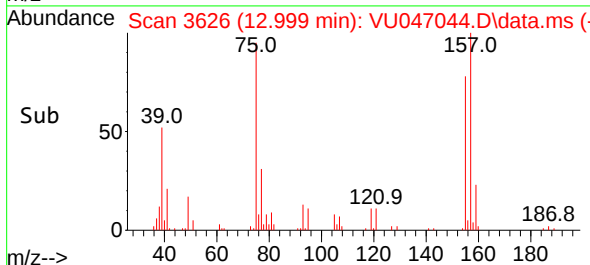
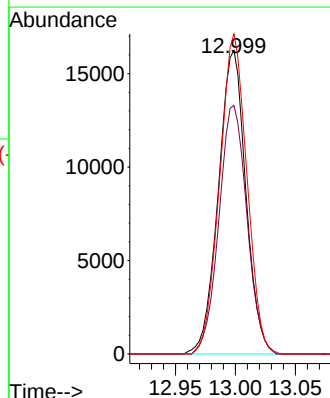
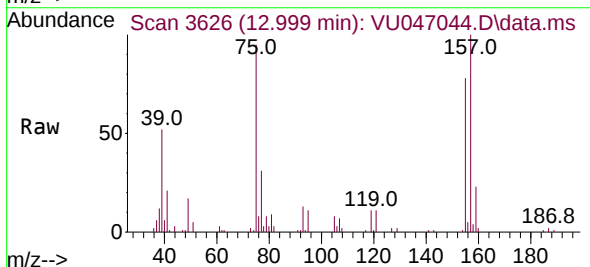
Tgt Ion: 75 Resp: 25824

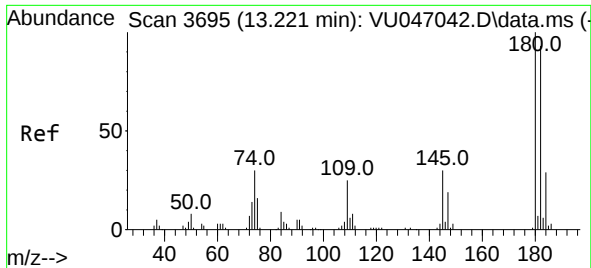
Ion Ratio Lower Upper

75 100

155 81.9 63.9 95.9

157 105.5 79.9 119.9





#69

1,3,5-Trichlorobenzene

Concen: 22.554 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 288990

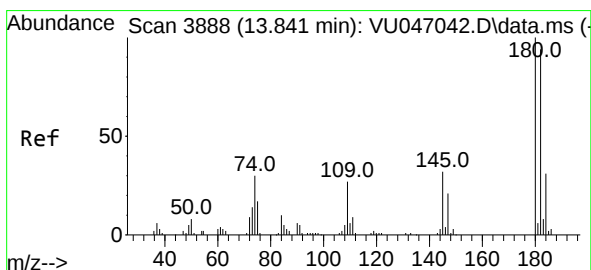
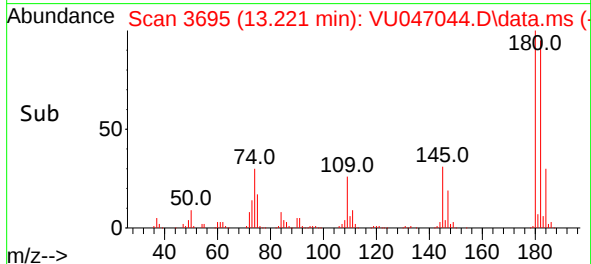
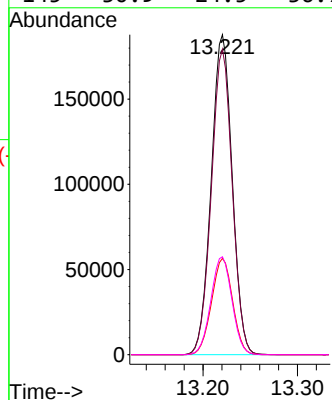
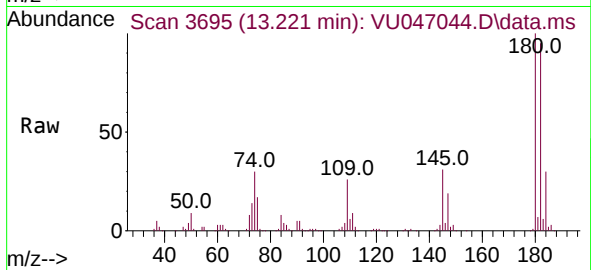
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

184 30.3 23.3 34.9

145 30.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 23.988 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

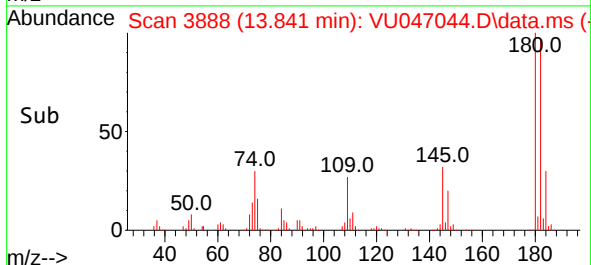
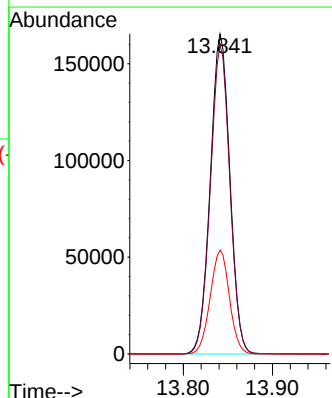
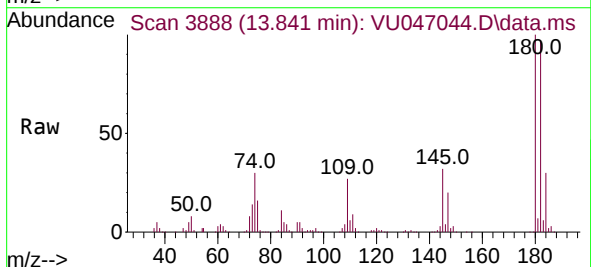
Tgt Ion:180 Resp: 252596

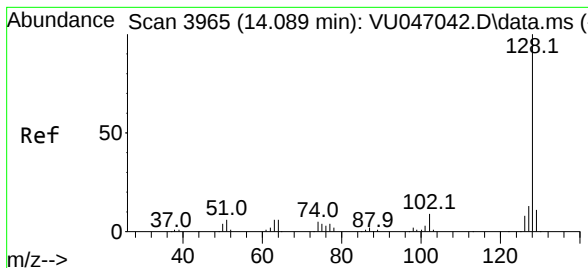
Ion Ratio Lower Upper

180 100

182 95.9 74.2 111.4

145 31.8 24.6 36.8





#71

Naphthalene

Concen: 24.780 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

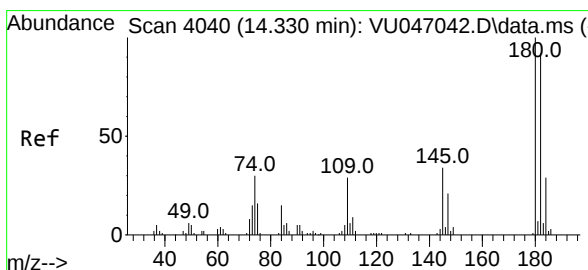
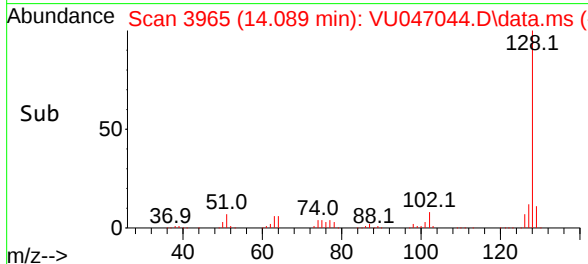
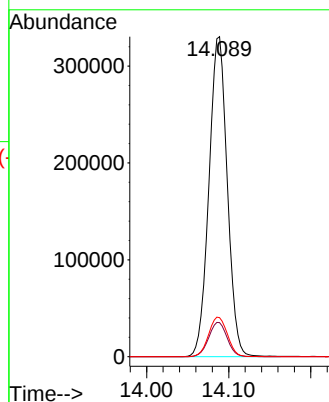
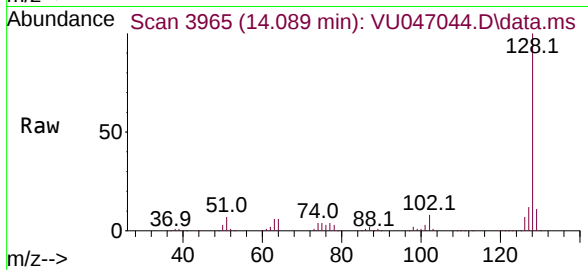
Tgt Ion:128 Resp: 513655

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.7 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 24.110 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047044.D

Acq: 04 Feb 2022 13:53

Tgt Ion:180 Resp: 243160

Ion Ratio Lower Upper

180 100

182 95.7 74.0 111.0

145 33.5 27.1 40.7

