

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047042.D
 Acq On : 04 Feb 2022 13:04
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:00:58 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	6.253	114	94920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	62077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63807	7.130	ug/L	0.00
7) Chloroethane-d5	1.919	69	49175	7.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	24239	6.946	ug/L	0.00
20) 2-Butanone-d5	4.632	46	129415	54.495	ug/L	0.00
24) Chloroform-d	5.066	84	103035	6.697	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	52985	6.438	ug/L	0.00
32) Benzene-d6	5.732	84	206602	6.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	61592	5.977	ug/L	0.00
41) Toluene-d8	7.899	98	193210	6.121	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	25375	5.680	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	112704	45.956	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54775	5.460	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	66385	5.542	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	45412	5.143	ug/L	100
3) Chloromethane	1.526	50	54902	6.883	ug/L	100
5) Vinyl chloride	1.607	62	55434	6.743	ug/L	100
6) Bromomethane	1.861	94	30685	6.155	ug/L	100
8) Chloroethane	1.938	64	33483	6.974	ug/L	100
9) Trichlorofluoromethane	2.144	101	71392	6.999	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	42348	6.997	ug/L	100
12) 1,1-Dichloroethene	2.584	96	37788	6.679	ug/L	100
13) Acetone	2.645	43	72683	55.566	ug/L	100
14) Carbon disulfide	2.800	76	112120	6.167	ug/L	100
15) Methyl Acetate	2.960	43	15383	5.347	ug/L	100
16) Methylene chloride	3.051	84	43552	6.379	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	79182	5.337	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	37134	6.173	ug/L	100
19) 1,1-Dichloroethane	3.877	63	71848	6.895	ug/L	100
21) 2-Butanone	4.713	43	105753	50.836	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	41112	6.451	ug/L	100
23) Bromochloromethane	4.980	128	19332	6.220	ug/L	100
25) Chloroform	5.092	83	76875	4.950	ug/L	100
27) 1,2-Dichloroethane	5.796	62	46679	6.532	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	63583	6.096	ug/L	100
30) Cyclohexane	5.394	56	52032	5.159	ug/L	100
31) Carbon tetrachloride	5.529	117	53196	5.948	ug/L	100
33) Benzene	5.777	78	160816	5.930	ug/L	100
34) Trichloroethene	6.546	95	39232	5.649	ug/L	100
35) Methylcyclohexane	6.767	83	57081	5.075	ug/L	100
37) 1,2-Dichloropropane	6.793	63	42911	6.327	ug/L	100
38) Bromodichloromethane	7.108	83	53768	5.604	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	54039	5.371	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	233701	50.798	ug/L	100
42) Toluene	7.973	91	176866	5.462	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	49715	5.518	ug/L	100

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

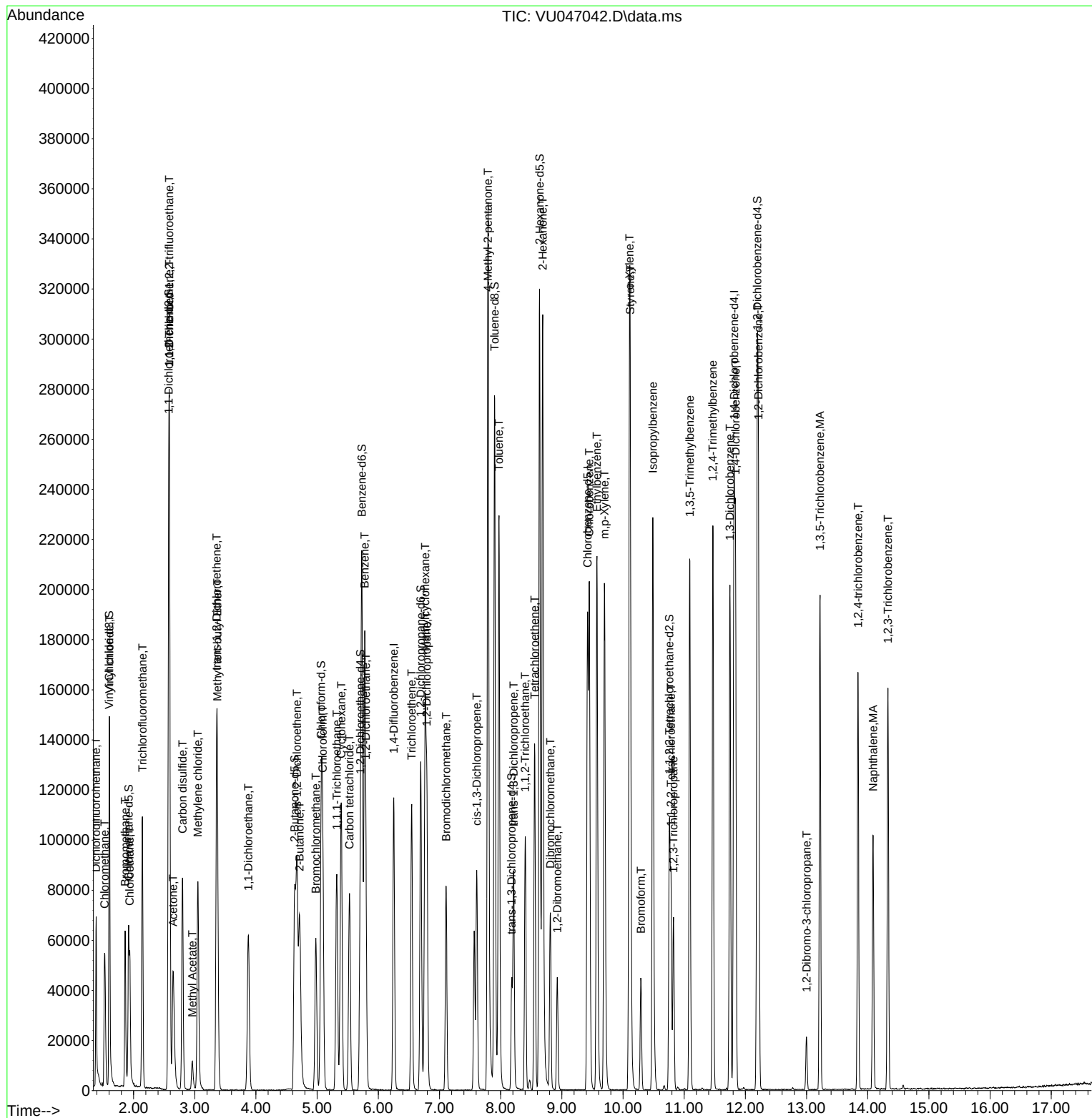
45) 1,1,2-Trichloroethane	8.401	97	32681	5.833	ug/L	100
47) Tetrachloroethene	8.555	164	31450	5.606	ug/L	100
48) 2-Hexanone	8.687	43	191082	54.166	ug/L	100
49) Dibromochloromethane	8.812	129	36339	5.531	ug/L	100
50) 1,2-Dibromoethane	8.925	107	29200	5.285	ug/L	100
51) Chlorobenzene	9.449	112	108007	5.780	ug/L	100
52) Ethylbenzene	9.574	91	167835	5.575	ug/L	100
53) m,p-Xylene	9.697	106	66799	5.584	ug/L	100
54) o-Xylene	10.105	106	64098	5.517	ug/L	100
55) Styrene	10.118	104	112956	5.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	41360	5.565	ug/L	100
59) Bromoform	10.291	173	19470	5.153	ug/L	100
60) Isopropylbenzene	10.488	105	163753	5.630	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	29439	5.548	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	117817	5.073	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	122931	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	84883	5.743	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	88507	5.898	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	81348	5.704	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5546	5.170	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	61498	5.359	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	49134	5.209	ug/L	100
71) Naphthalene	14.089	128	82863	4.463	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	48857	5.408	ug/L	100

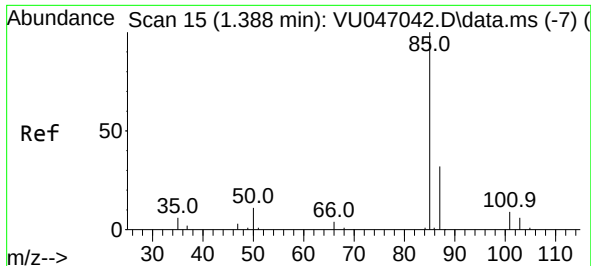
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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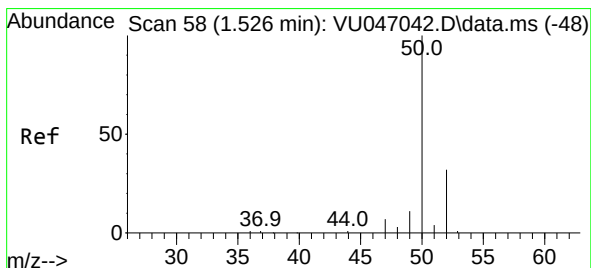
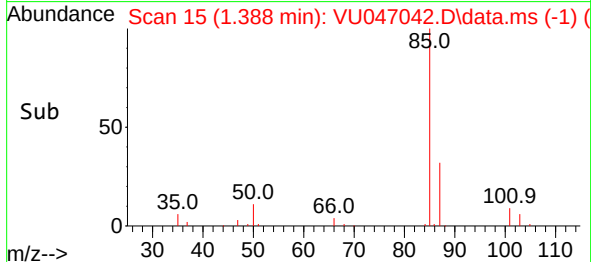
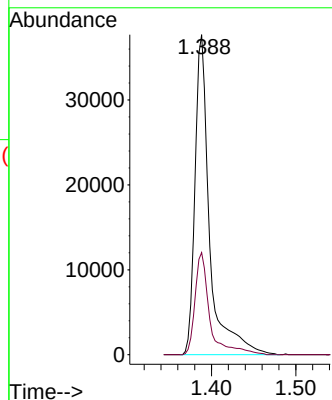
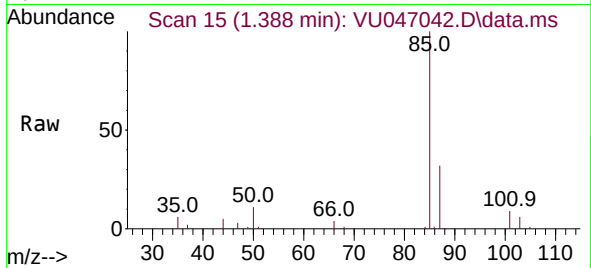




#2
Dichlorodifluoromethane
Concen: 5.143 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

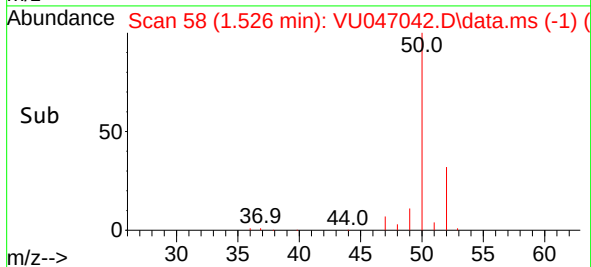
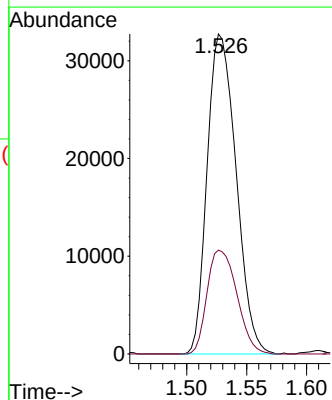
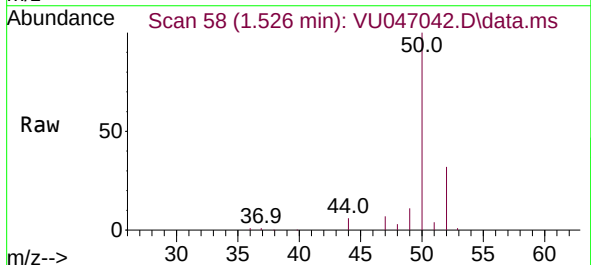
Instrument :
MSVOA_U
ClientSampleId :

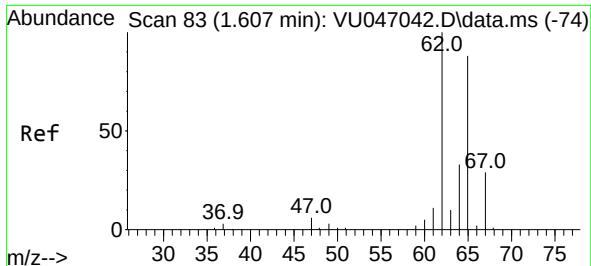
Tgt Ion: 85 Resp: 45412
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 6.883 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

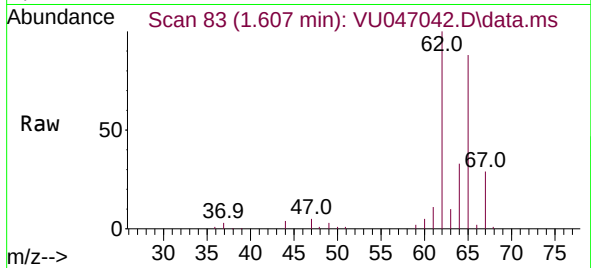
Tgt Ion: 50 Resp: 54902
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.3



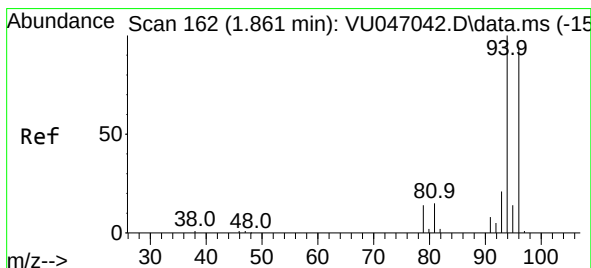
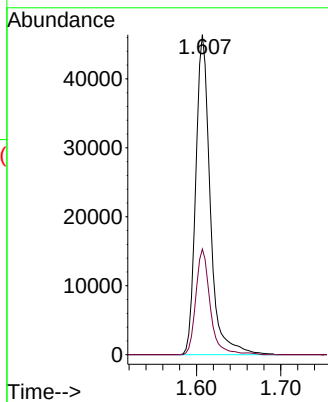
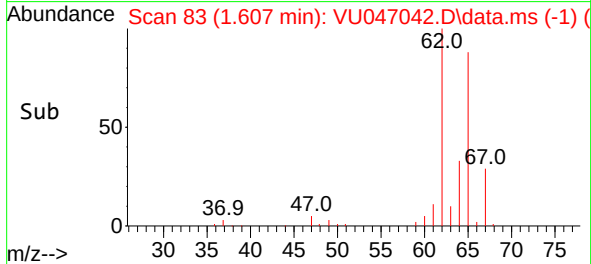


#5
 Vinyl chloride
 Concen: 6.743 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

Instrument :
 MSVOA_U
 ClientSampleId :

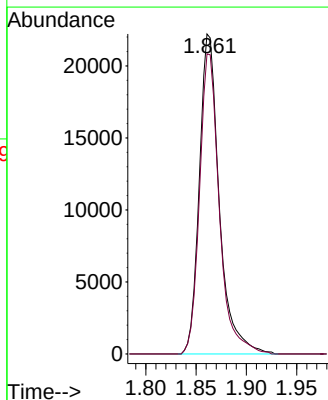
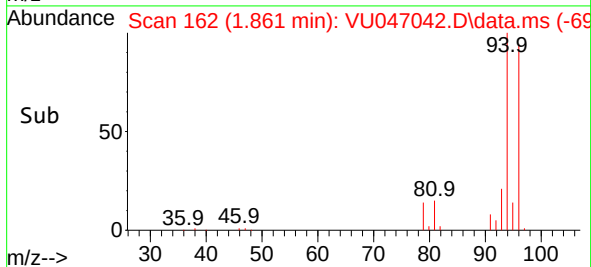
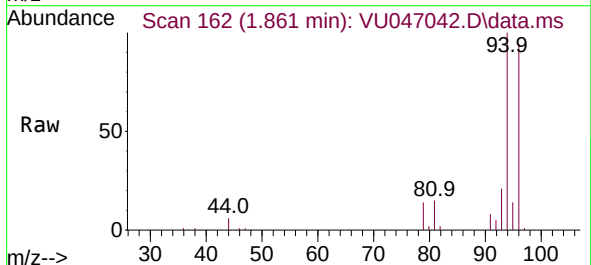


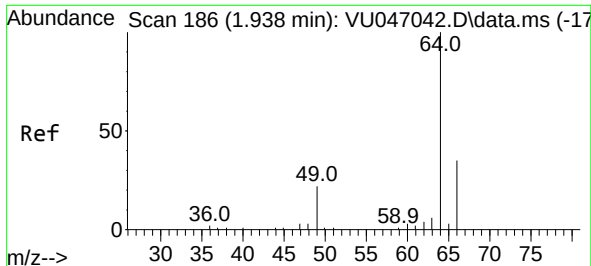
Tgt Ion: 62 Resp: 55434
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 6.155 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

Tgt Ion: 94 Resp: 30685
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

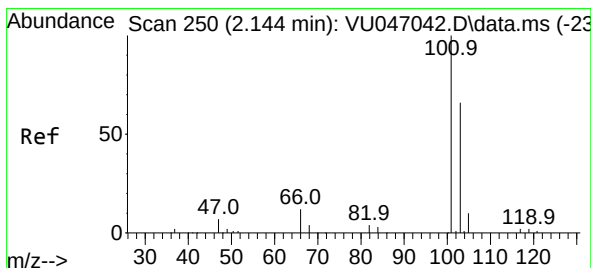
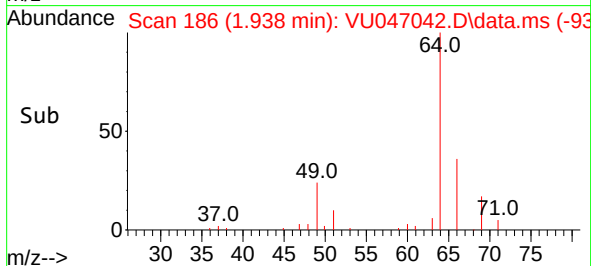
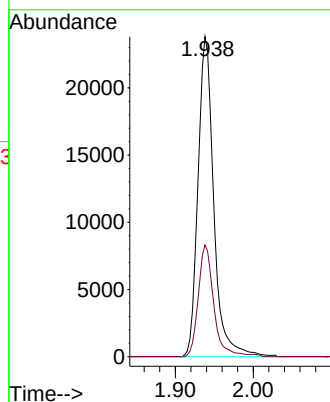
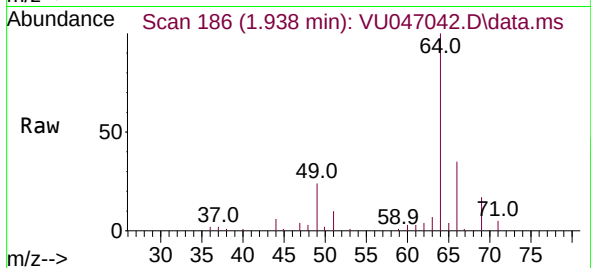




#8
Chloroethane
Concen: 6.974 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

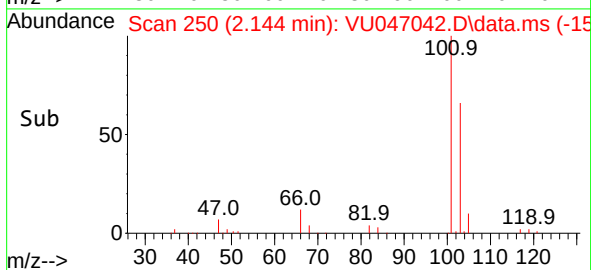
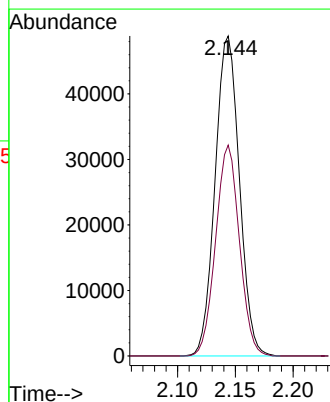
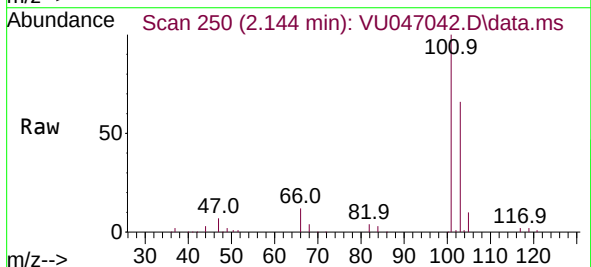
Instrument :
MSVOA_U
ClientSampleId :

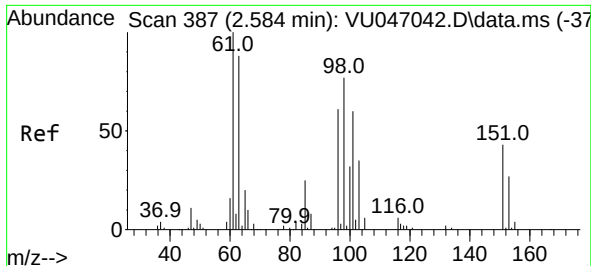
Tgt Ion: 64 Resp: 33483
Ion Ratio Lower Upper
64 100
66 34.9 24.4 45.4



#9
Trichlorofluoromethane
Concen: 6.999 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion:101 Resp: 71392
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

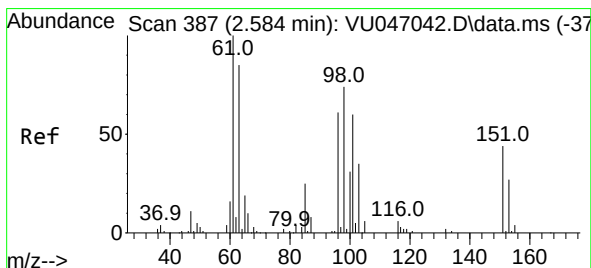
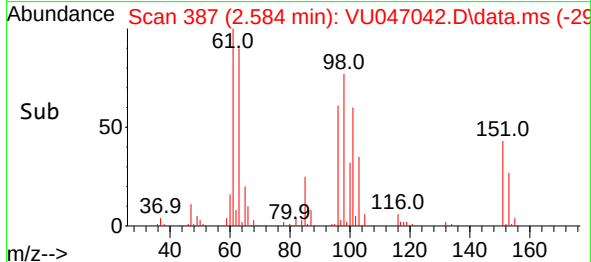
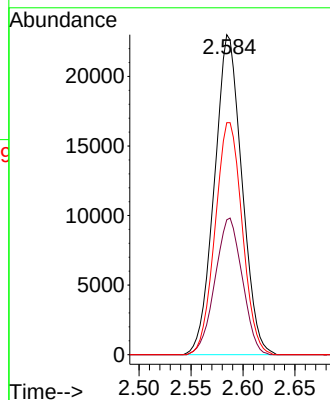
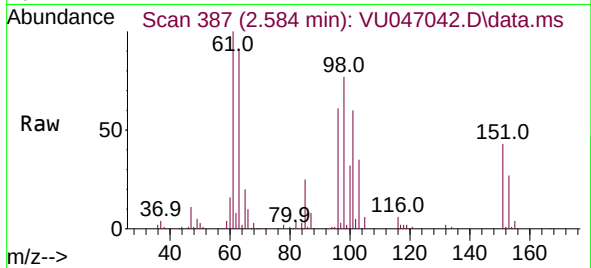




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.997 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

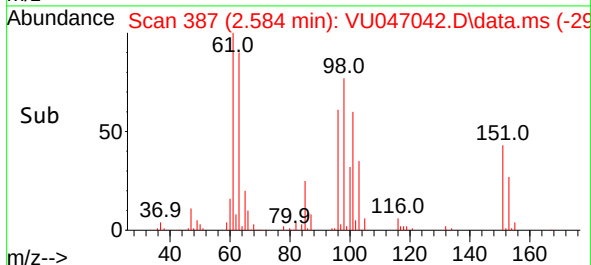
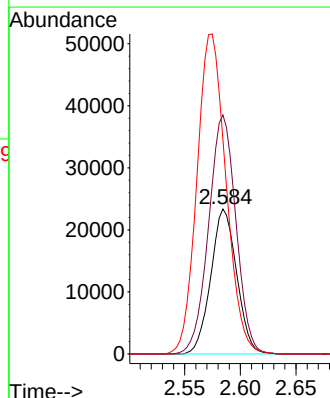
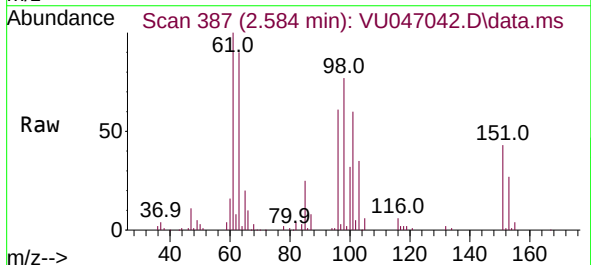
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 ClientSampleId :

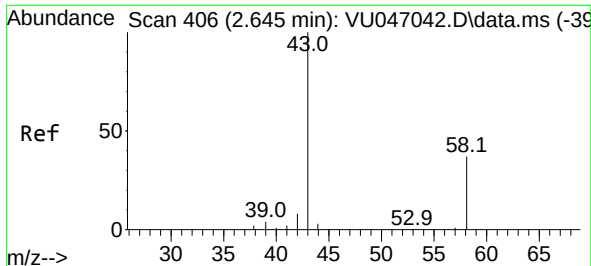
Tgt Ion:101 Resp: 42348
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.8 50.6
 151 71.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 6.679 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

Tgt Ion: 96 Resp: 37788
 Ion Ratio Lower Upper
 96 100
 61 165.0 115.5 214.5
 63 148.0 103.6 192.4





#13

Acetone

Concen: 55.566 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

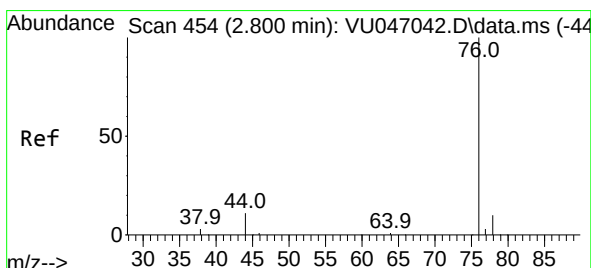
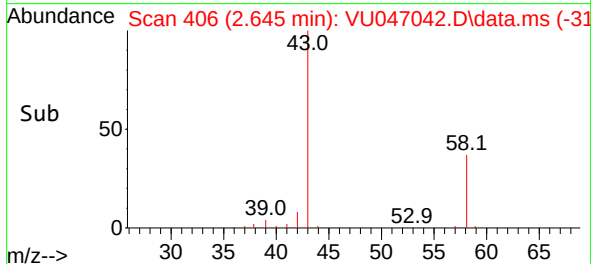
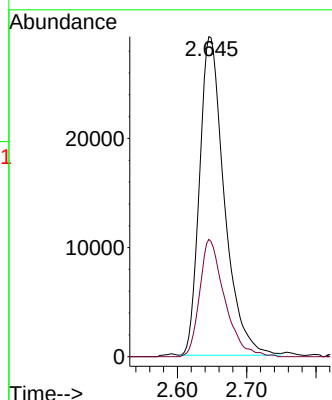
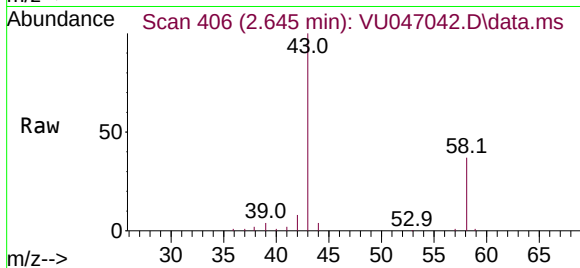
ClientSampleId :

Tgt Ion: 43 Resp: 72683

Ion Ratio Lower Upper

43 100

58 37.0 0.0 74.0



#14

Carbon disulfide

Concen: 6.167 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047042.D

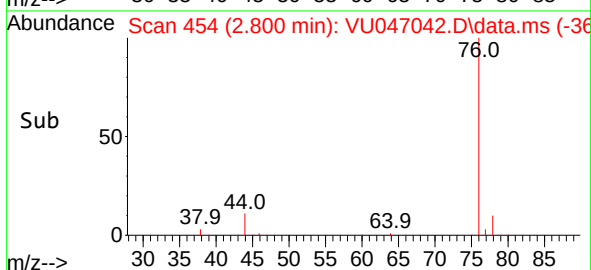
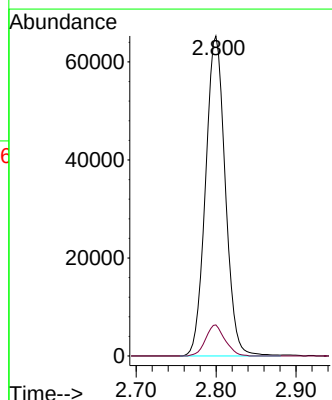
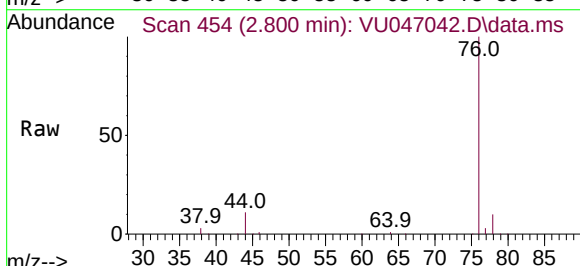
Acq: 04 Feb 2022 13:04

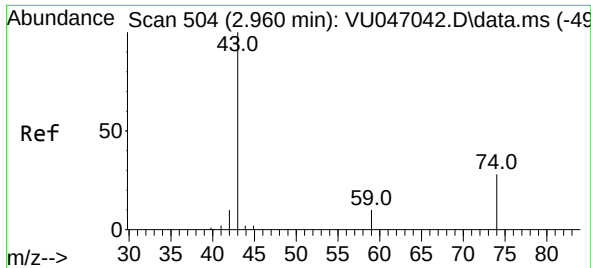
Tgt Ion: 76 Resp: 112120

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

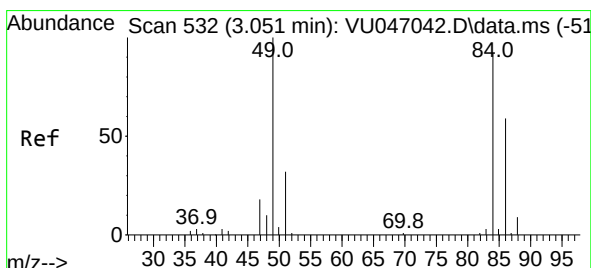
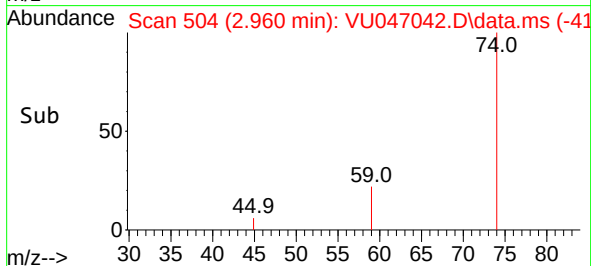
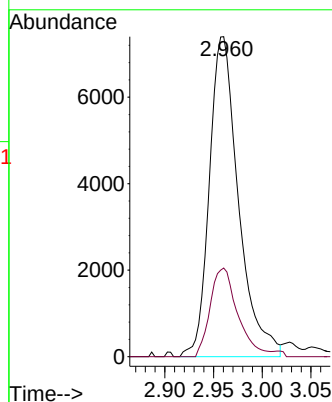
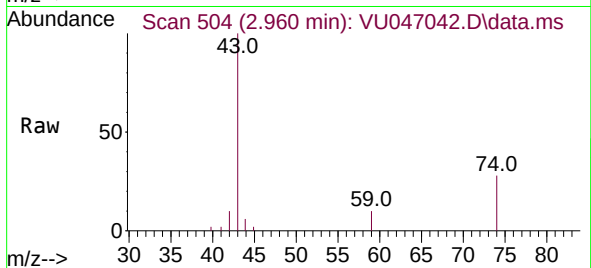




#15
Methyl Acetate
Concen: 5.347 ug/L
RT: 2.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

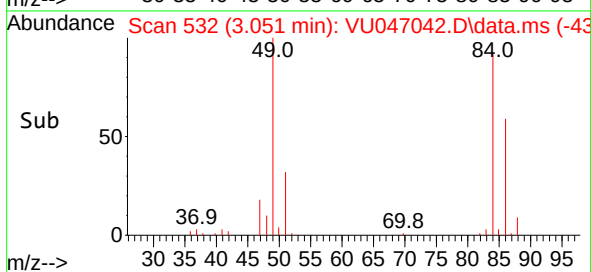
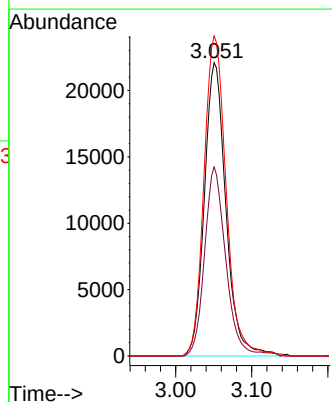
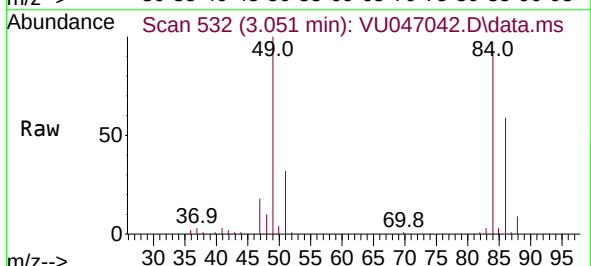
Instrument :
MSVOA_U
ClientSampleId :

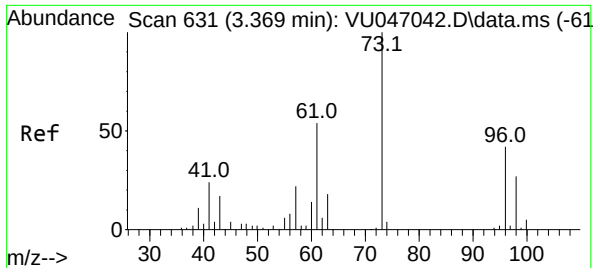
Tgt Ion: 43 Resp: 15383
Ion Ratio Lower Upper
43 100
74 26.2 21.0 31.4



#16
Methylene chloride
Concen: 6.379 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion: 84 Resp: 43552
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.7
49 109.1 76.4 141.8

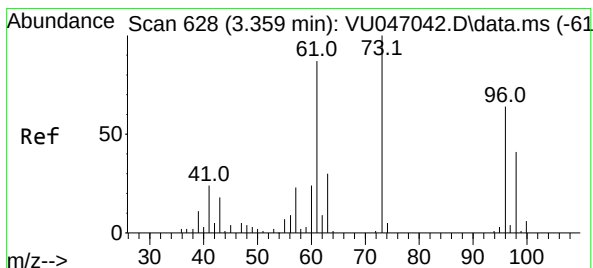
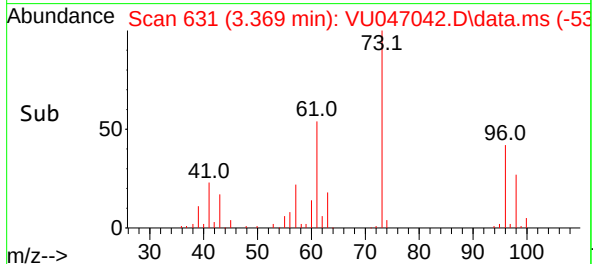
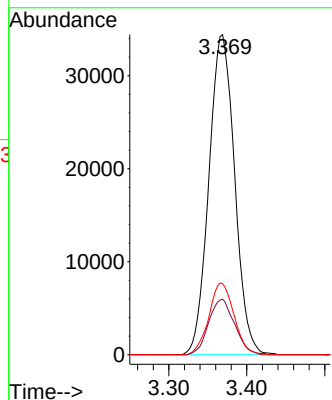
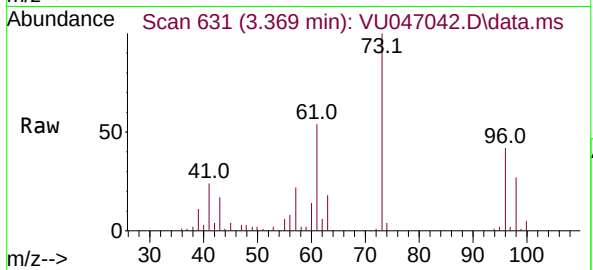




#17
Methyl tert-butyl Ether
Concen: 5.337 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

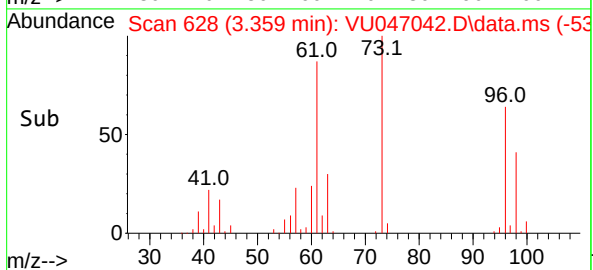
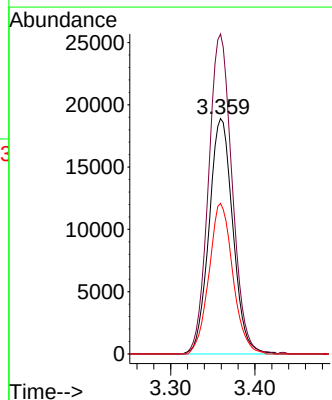
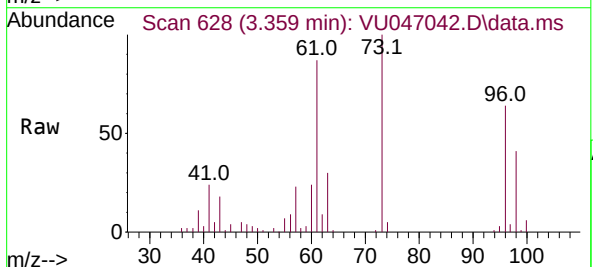
Instrument :
MSVOA_U
ClientSampleId :

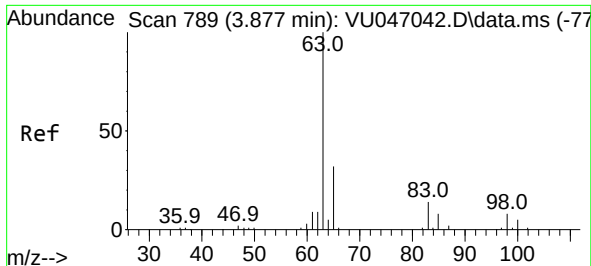
Tgt Ion: 73	Resp:	79182
Ion Ratio	Lower	Upper
73	100	
43	17.4	13.9 20.9
57	21.7	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 6.173 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion: 96	Resp:	37134
Ion Ratio	Lower	Upper
96	100	
61	135.9	95.1 176.7
98	64.0	44.8 83.2





#19

1,1-Dichloroethane

Concen: 6.895 ug/L

RT: 3.877 min Scan# 71848

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

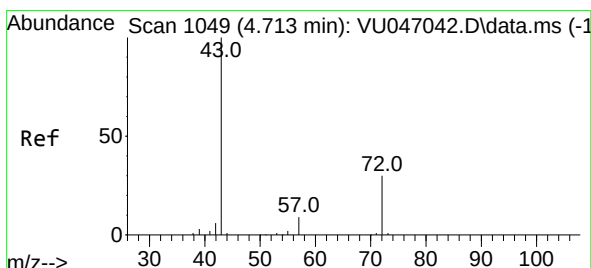
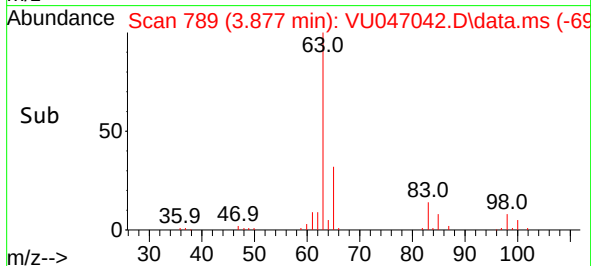
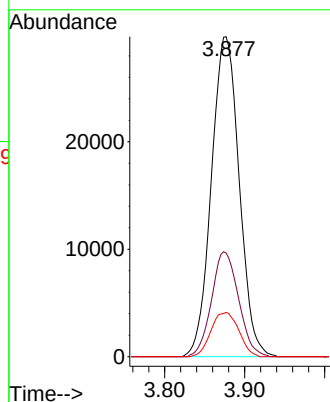
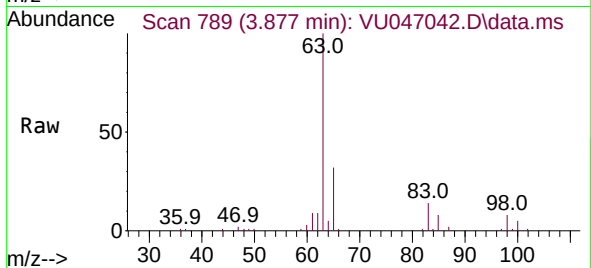
Tgt Ion: 63 Resp: 71848

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.1

83 13.8 9.7 17.9



#21

2-Butanone

Concen: 50.836 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU047042.D

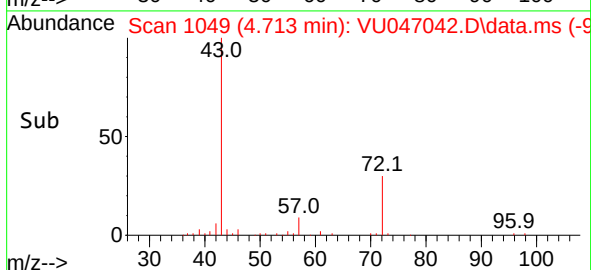
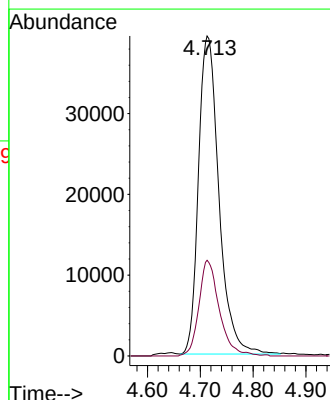
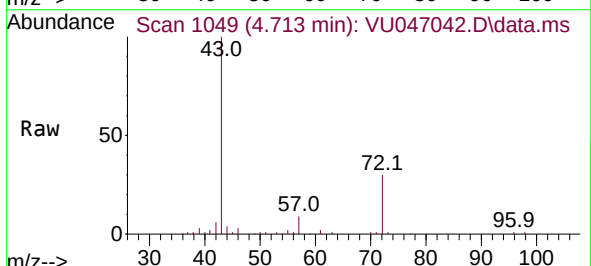
Acq: 04 Feb 2022 13:04

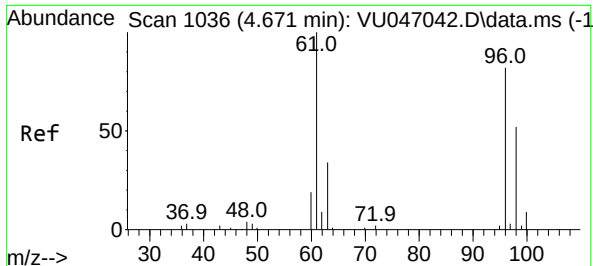
Tgt Ion: 43 Resp: 105753

Ion Ratio Lower Upper

43 100

72 30.0 15.0 45.0

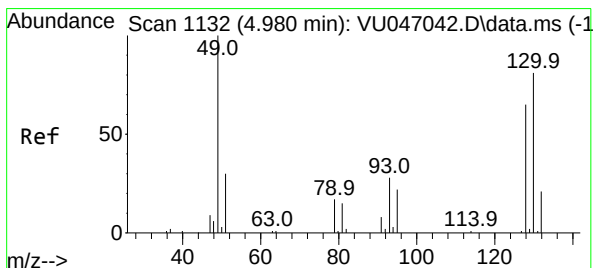
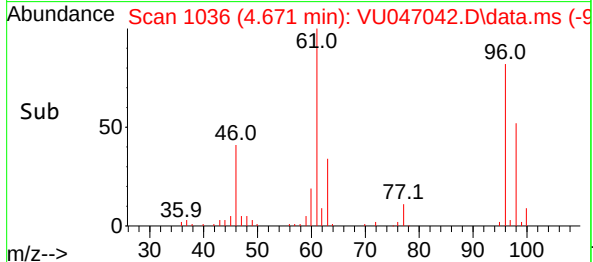
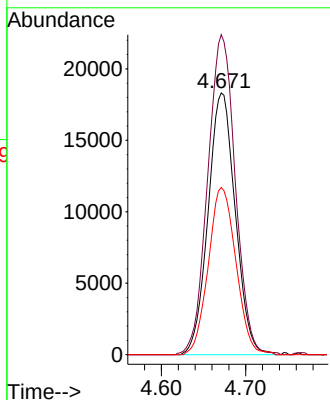
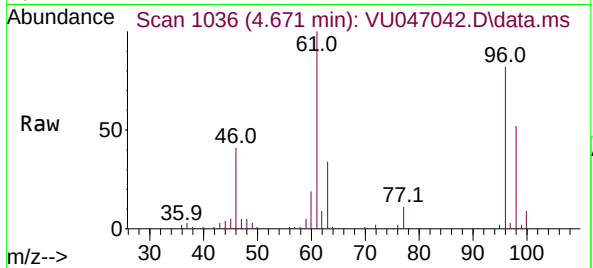




#22
 cis-1,2-Dichloroethene
 Concen: 6.451 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

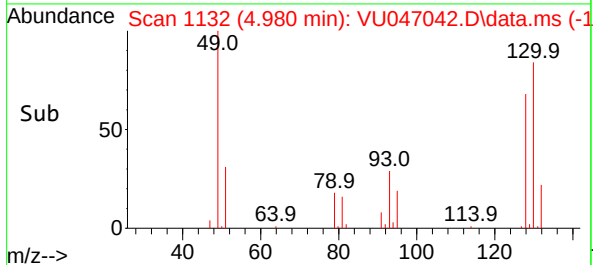
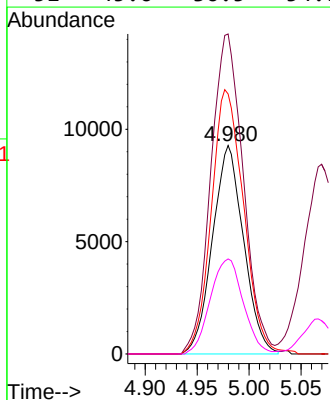
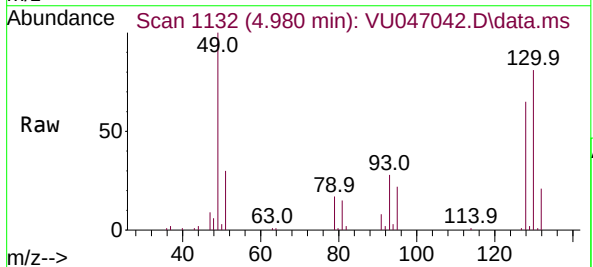
Instrument :
 MSVOA_U
 ClientSampleId :

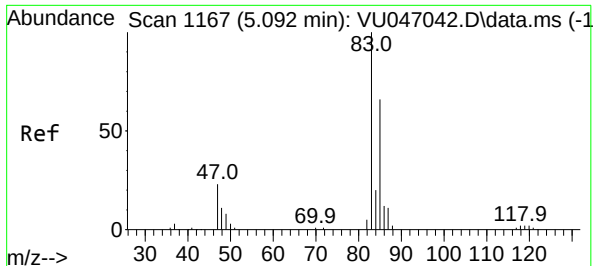
Tgt Ion: 96 Resp: 41112
 Ion Ratio Lower Upper
 96 100
 61 122.3 85.6 159.0
 98 63.9 44.7 83.1



#23
 Bromochloromethane
 Concen: 6.220 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

Tgt Ion: 128 Resp: 19332
 Ion Ratio Lower Upper
 128 100
 49 153.5 107.4 199.6
 130 124.7 87.3 162.1
 51 45.6 36.5 54.7





#25

Chloroform

Concen: 4.950 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

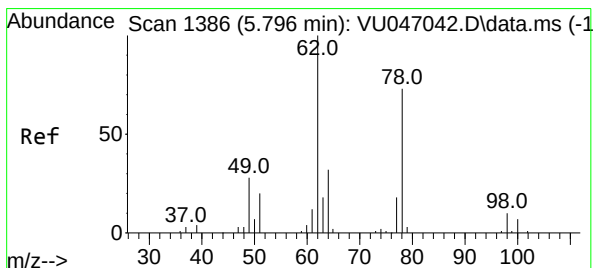
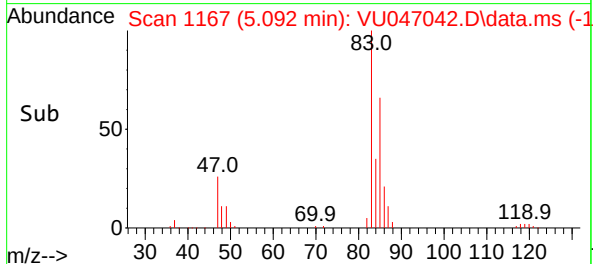
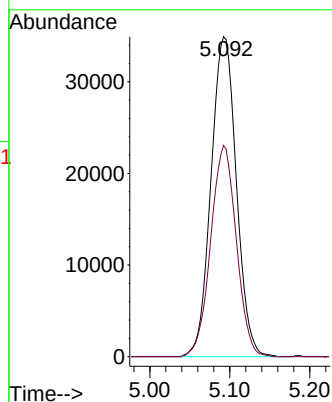
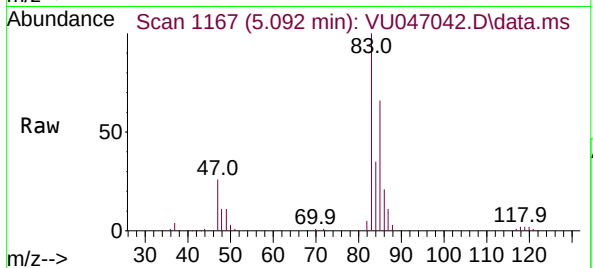
ClientSampleId :

Tgt Ion: 83 Resp: 76875

Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.532 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047042.D

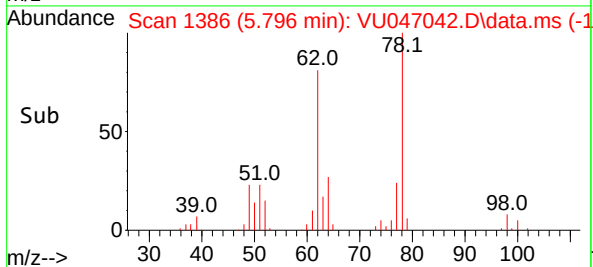
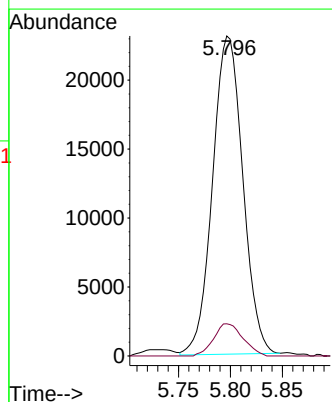
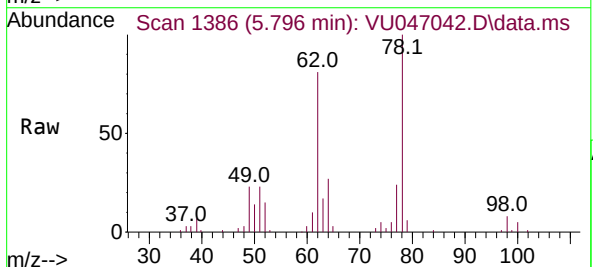
Acq: 04 Feb 2022 13:04

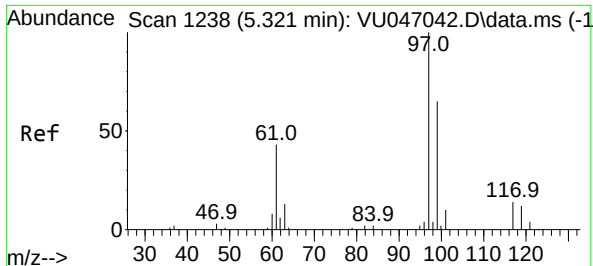
Tgt Ion: 62 Resp: 46679

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 6.096 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

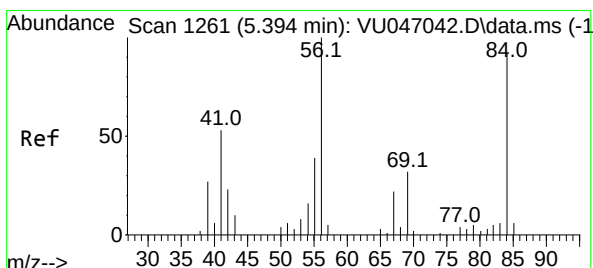
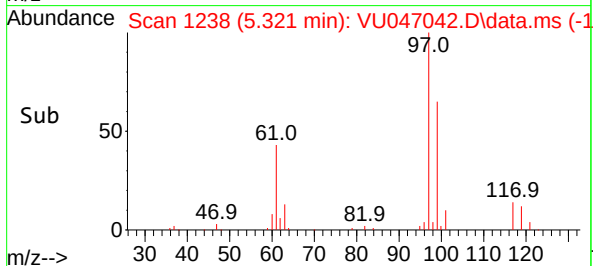
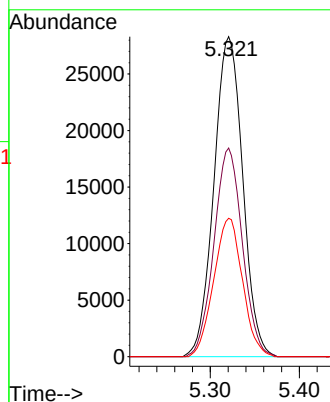
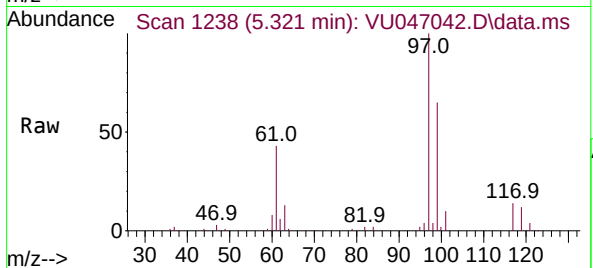
Tgt Ion: 97 Resp: 63583

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 43.3 34.6 52.0



#30

Cyclohexane

Concen: 5.159 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

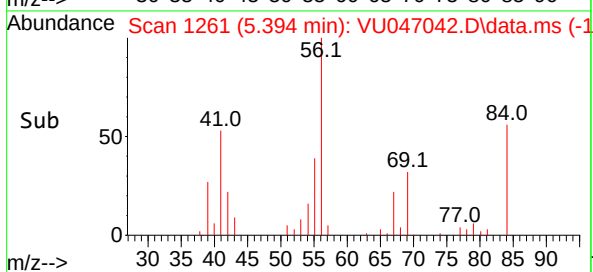
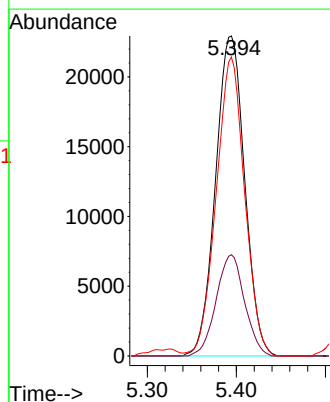
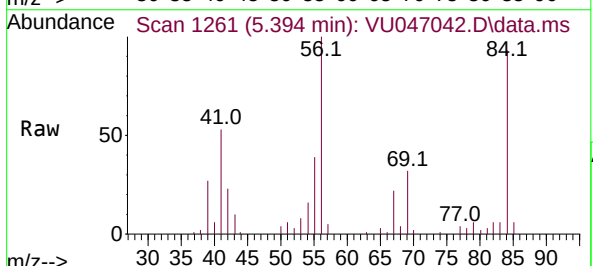
Tgt Ion: 56 Resp: 52032

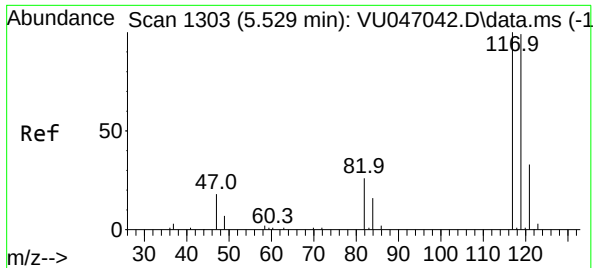
Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 91.3 73.0 109.6

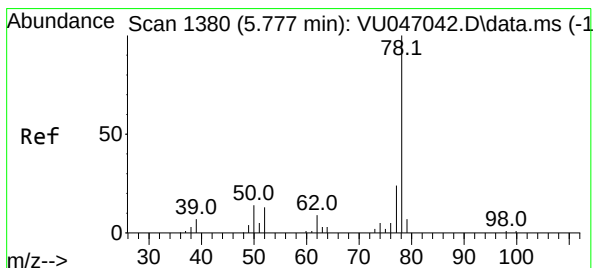
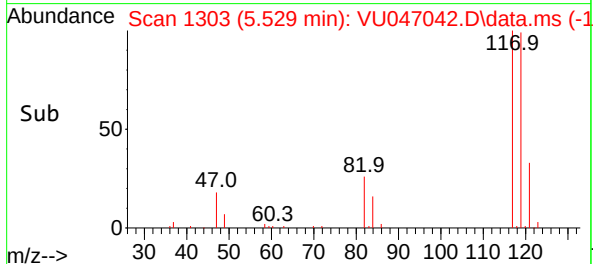
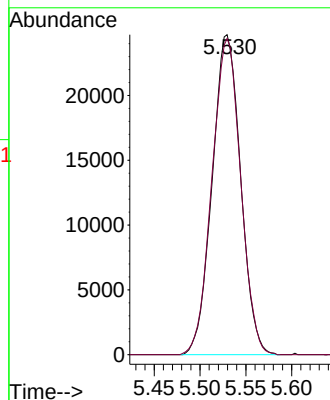
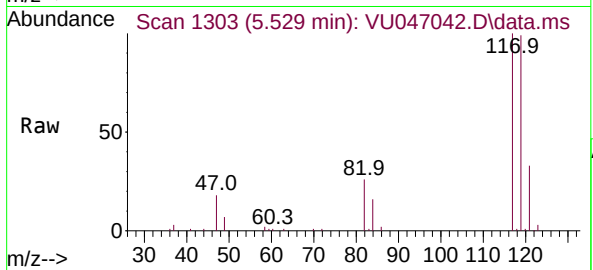




#31
Carbon tetrachloride
Concen: 5.948 ug/L
RT: 5.529 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

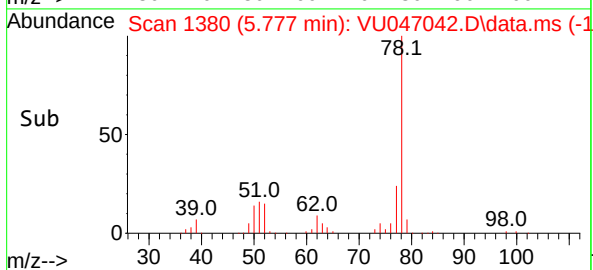
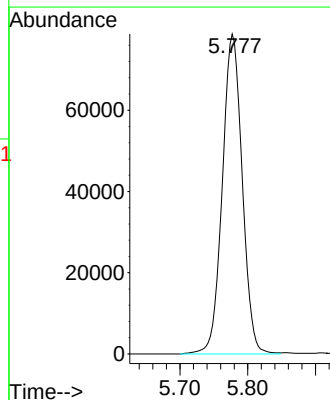
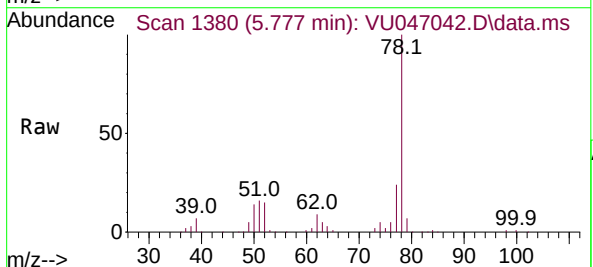
Instrument :
MSVOA_U
ClientSampleId :

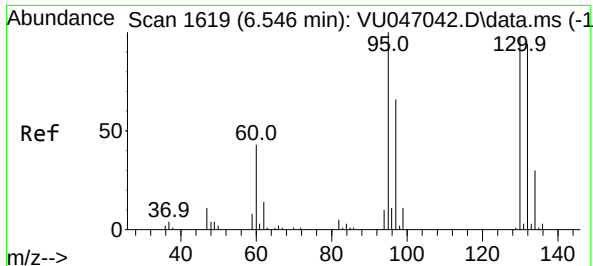
Tgt Ion:117 Resp: 53196
Ion Ratio Lower Upper
117 100
119 99.8 79.8 119.8



#33
Benzene
Concen: 5.930 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion: 78 Resp: 160816

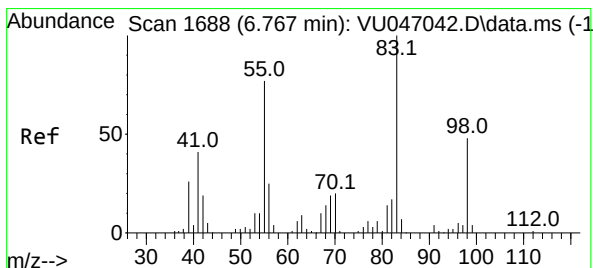
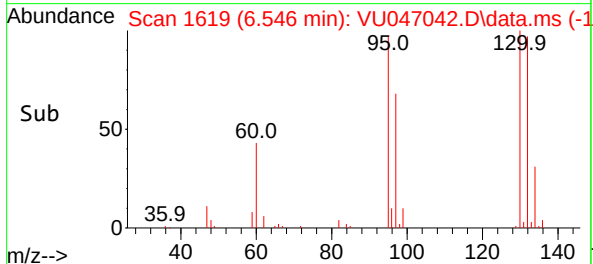
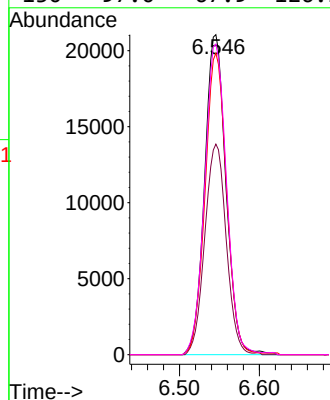
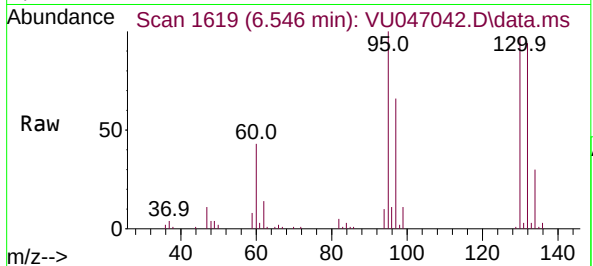




#34
Trichloroethene
Concen: 5.649 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

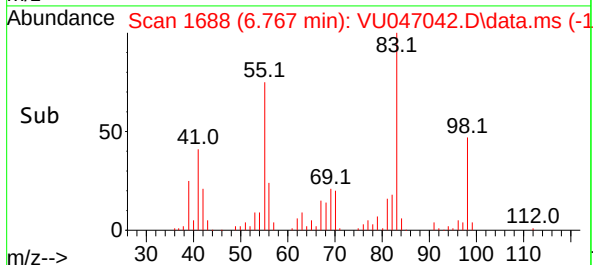
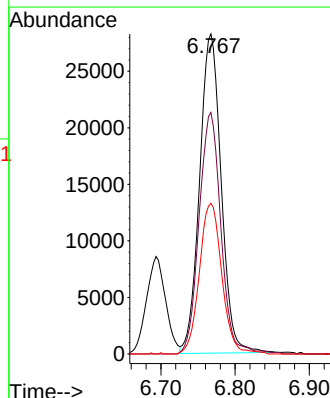
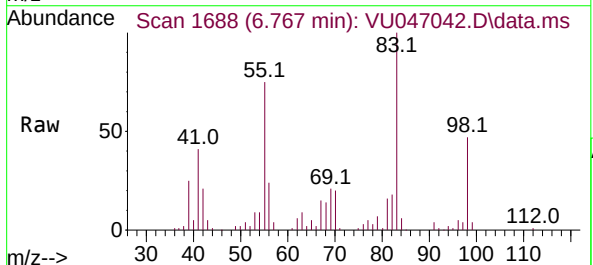
Instrument :
MSVOA_U
ClientSampleId :

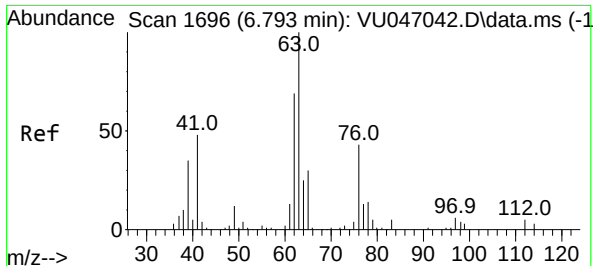
Tgt Ion: 95 Resp: 39232
Ion Ratio Lower Upper
95 100
97 65.8 46.1 85.5
132 94.2 65.9 122.5
130 97.0 67.9 126.1



#35
Methylcyclohexane
Concen: 5.075 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion: 83 Resp: 57081
Ion Ratio Lower Upper
83 100
55 76.5 61.2 91.8
98 49.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 6.327 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

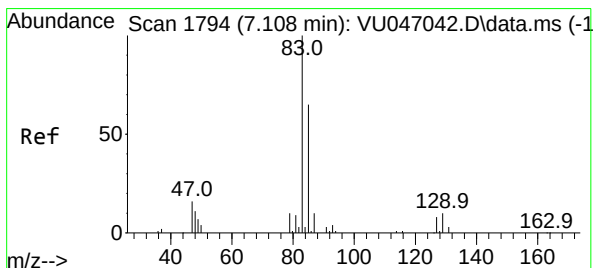
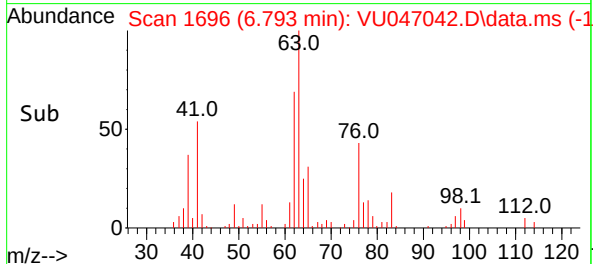
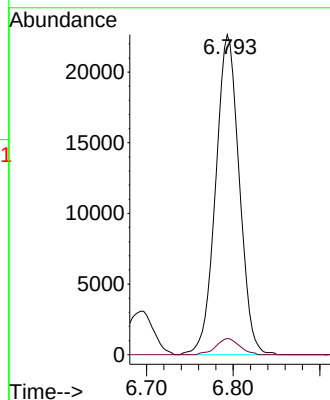
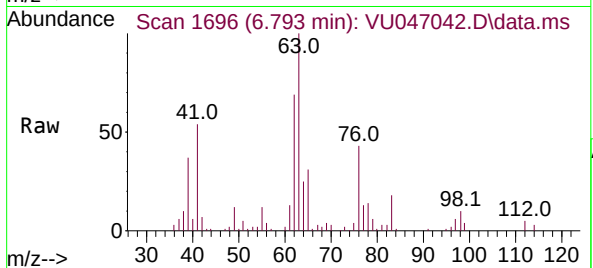
ClientSampleId :

Tgt Ion: 63 Resp: 42911

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 5.604 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

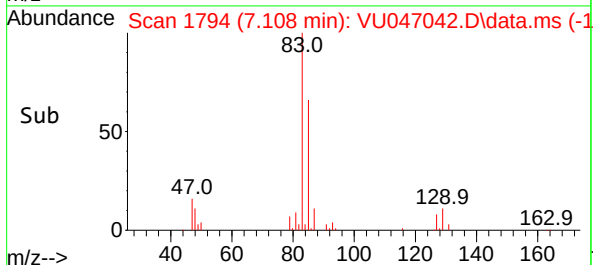
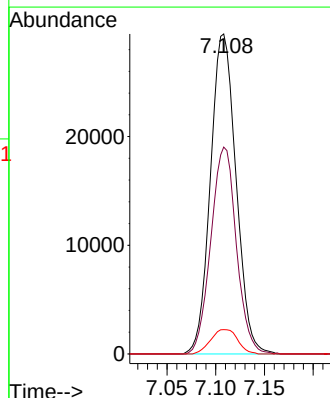
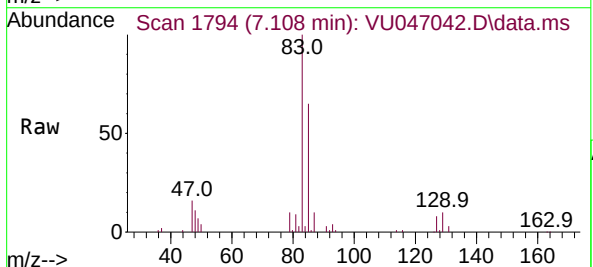
Tgt Ion: 83 Resp: 53768

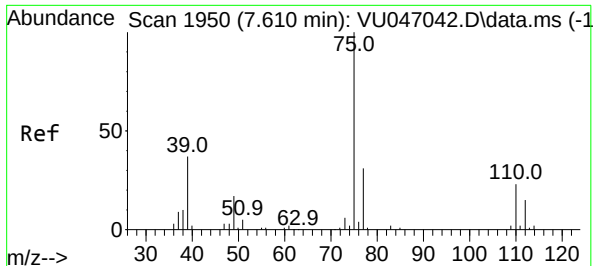
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.371 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

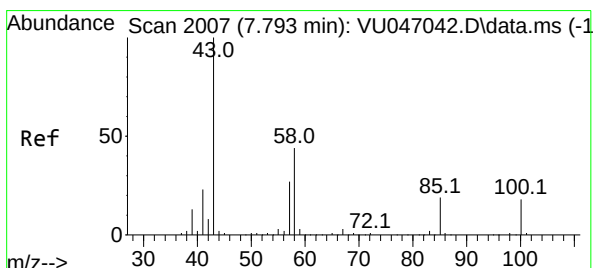
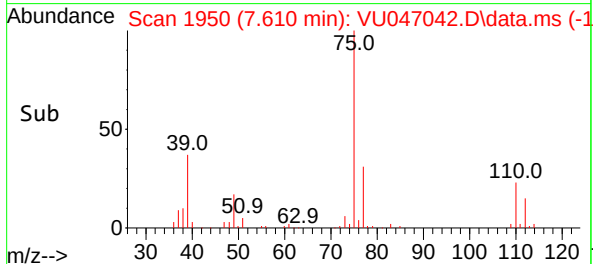
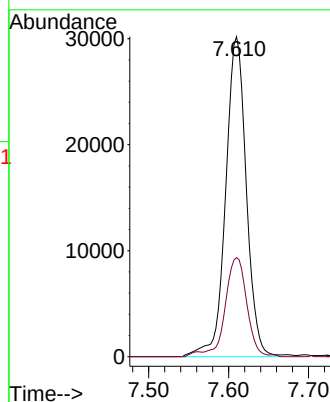
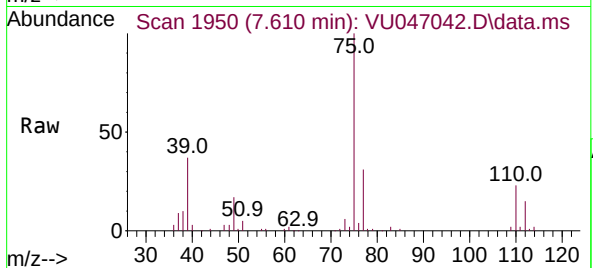
ClientSampleId :

Tgt Ion: 75 Resp: 54039

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.798 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

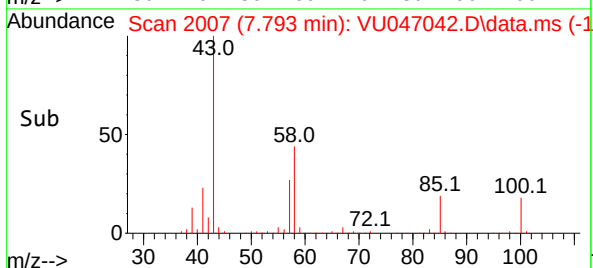
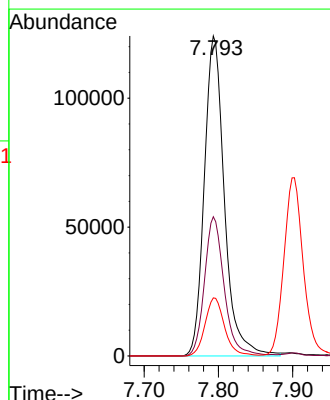
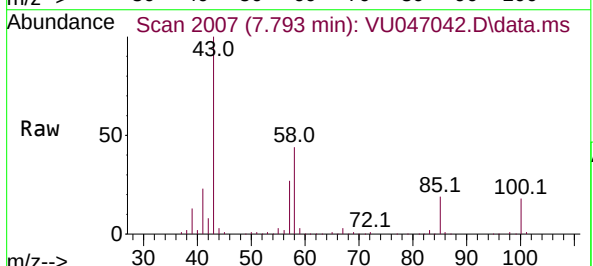
Tgt Ion: 43 Resp: 233701

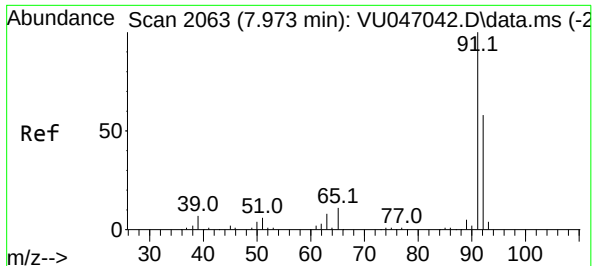
Ion Ratio Lower Upper

43 100

58 42.5 34.0 51.0

100 17.6 14.1 21.1





#42

Toluene

Concen: 5.462 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

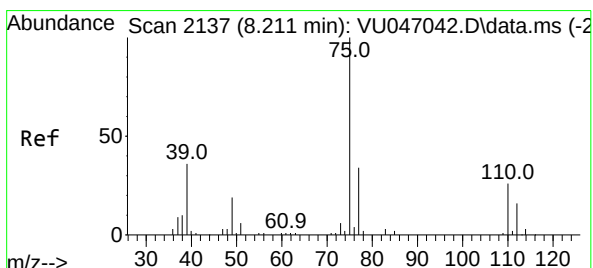
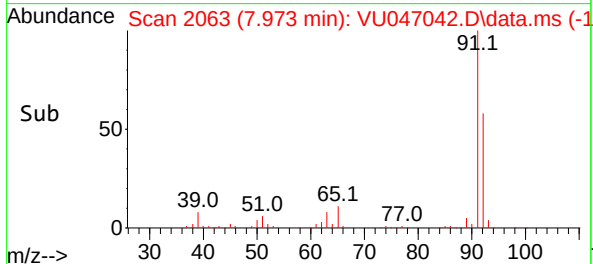
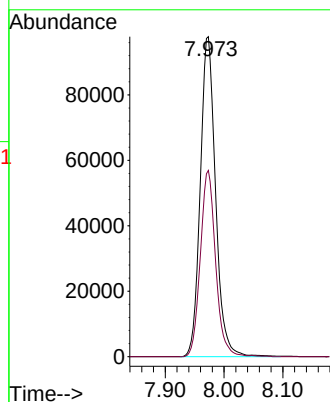
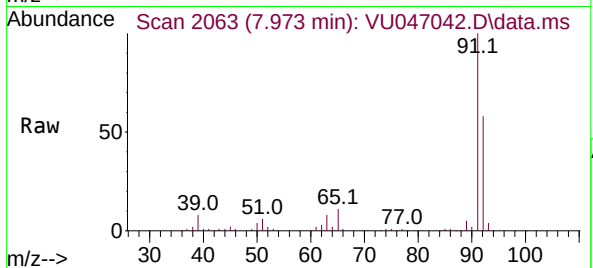
ClientSampleId :

Tgt Ion: 91 Resp: 176866

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.518 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047042.D

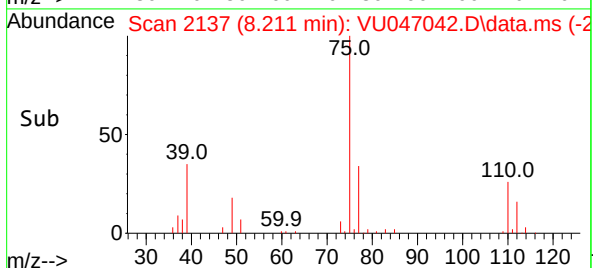
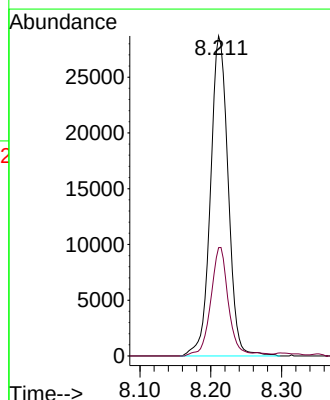
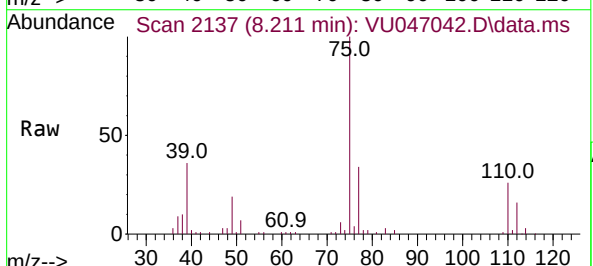
Acq: 04 Feb 2022 13:04

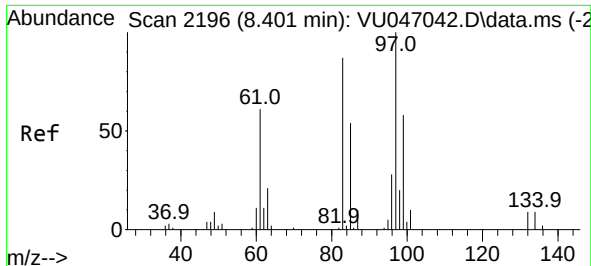
Tgt Ion: 75 Resp: 49715

Ion Ratio Lower Upper

75 100

77 33.8 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.833 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 32681

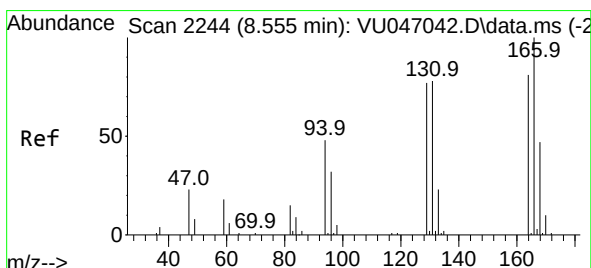
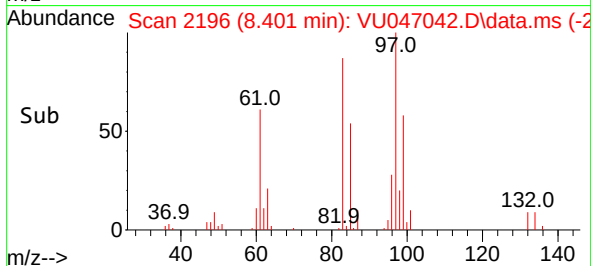
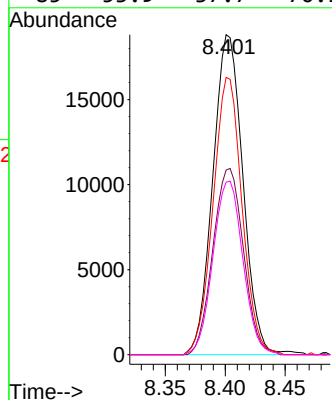
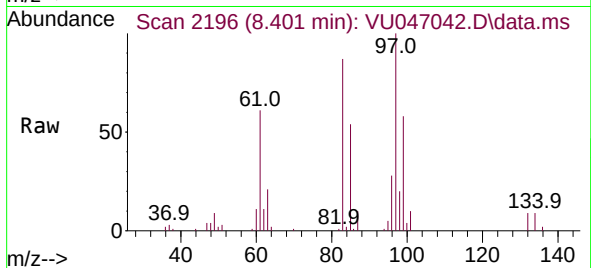
Ion Ratio Lower Upper

97 100

99 57.7 40.4 75.0

83 86.6 60.6 112.6

85 53.9 37.7 70.1



#47

Tetrachloroethene

Concen: 5.606 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Tgt Ion:164 Resp: 31450

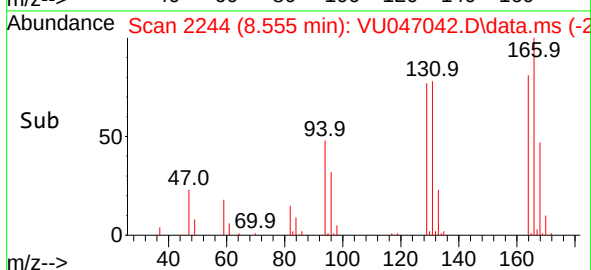
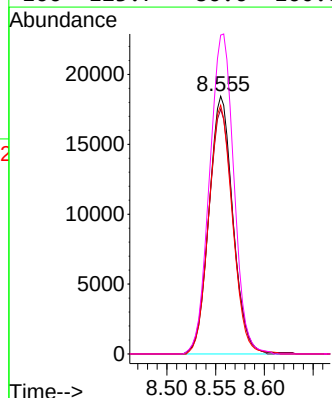
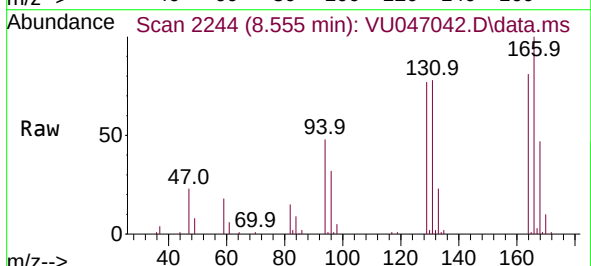
Ion Ratio Lower Upper

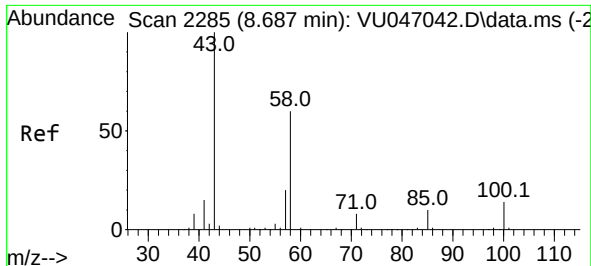
164 100

129 95.0 66.5 123.5

131 96.5 67.5 125.4

166 123.7 86.6 160.8

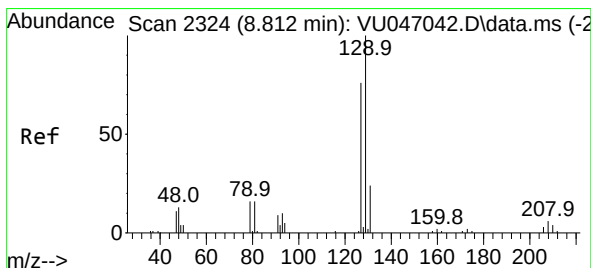
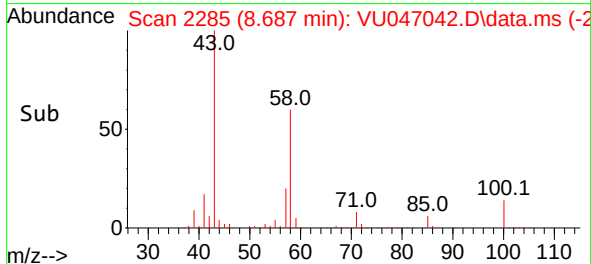
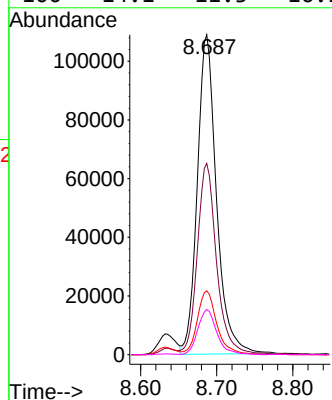
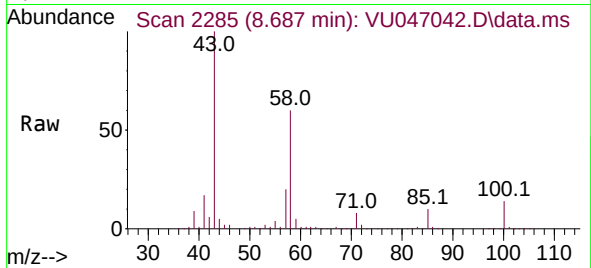




#48
2-Hexanone
Concen: 54.166 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

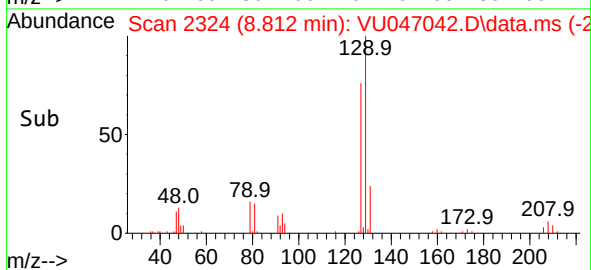
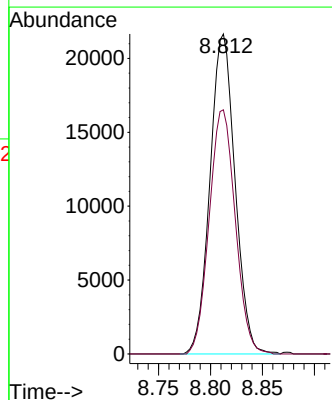
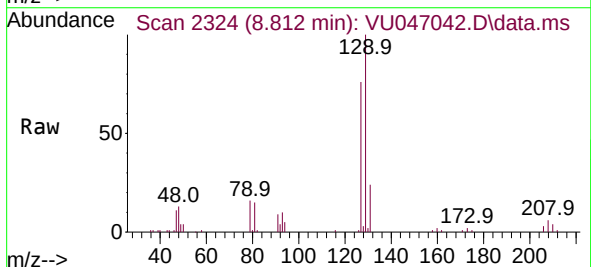
Instrument :
MSVOA_U
ClientSampleId :

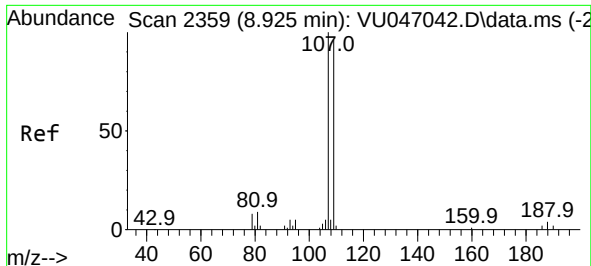
Tgt Ion: 43	Resp: 191082
Ion Ratio	Lower Upper
43 100	
58 59.7	47.8 71.6
57 20.3	16.2 24.4
100 14.1	11.3 16.9



#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion:129	Resp:	36339	
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.4	99.2





#50

1,2-Dibromoethane

Concen: 5.285 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047042.D

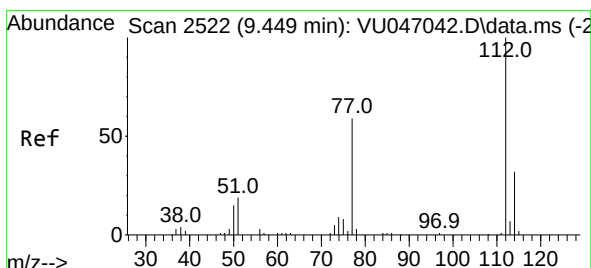
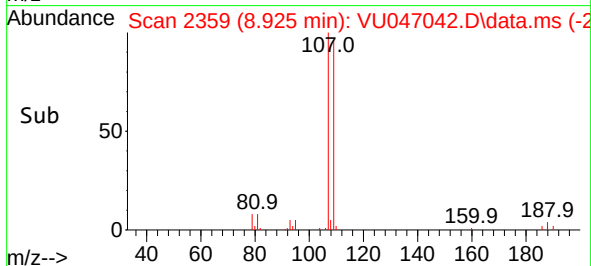
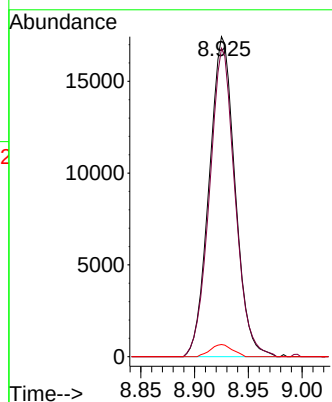
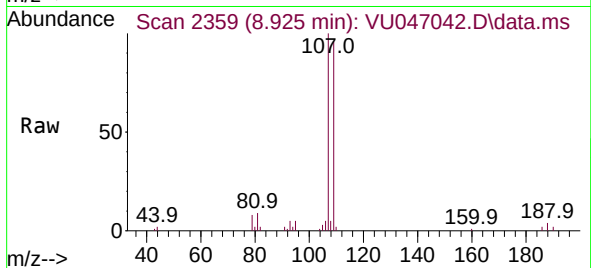
Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	29200
Ion Ratio	Lower	Upper
107	100	
109	96.3	67.4 125.2
188	3.8	3.0 4.6



#51

Chlorobenzene

Concen: 5.780 ug/L

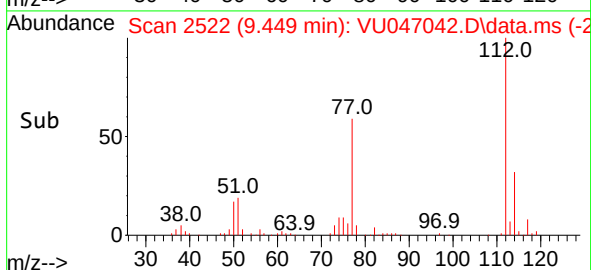
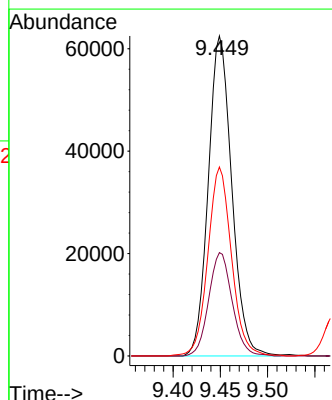
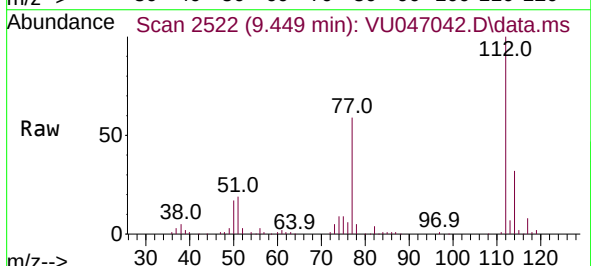
RT: 9.449 min Scan# 2522

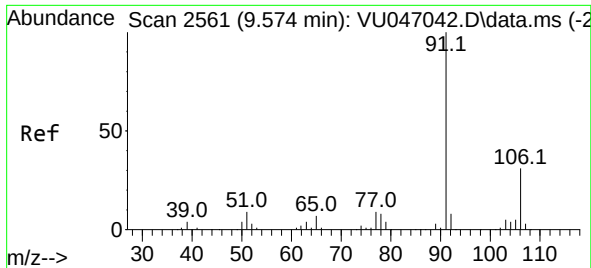
Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Tgt Ion:112	Resp:	108007
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.6 42.0
77	59.1	47.3 70.9

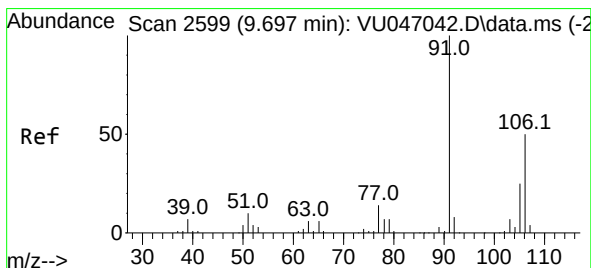
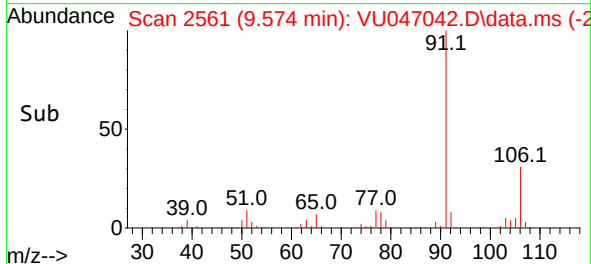
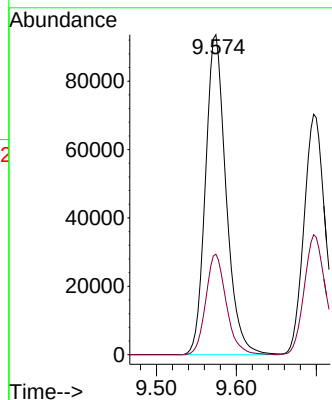
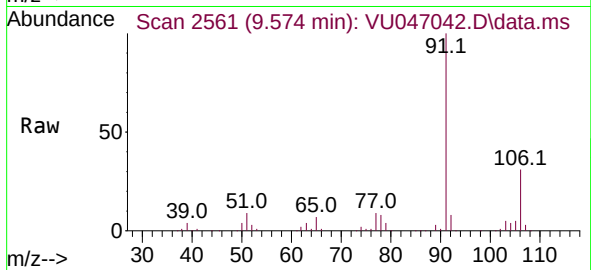




#52
Ethylbenzene
Concen: 5.575 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

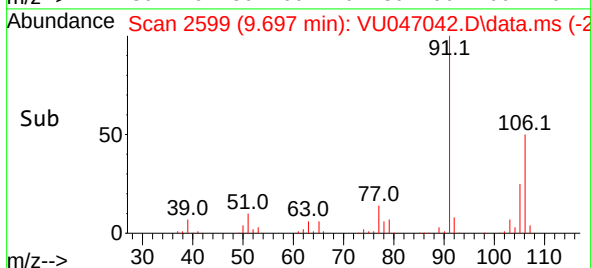
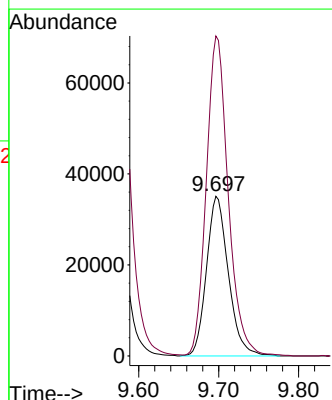
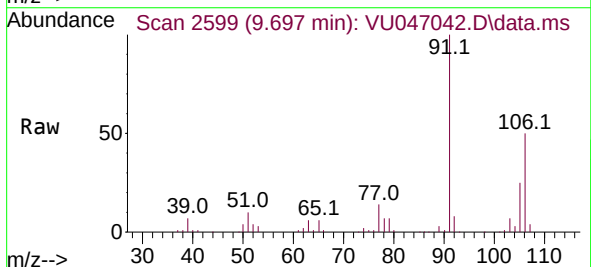
Instrument :
MSVOA_U
ClientSampleId :

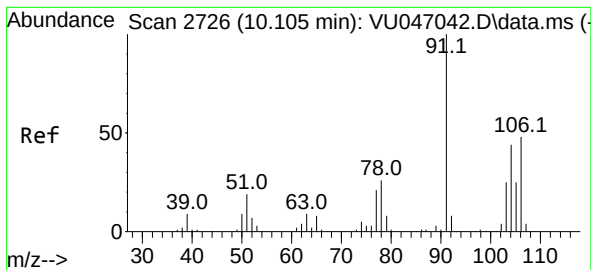
Tgt Ion: 91 Resp: 167835
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 5.584 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion: 106 Resp: 66799
Ion Ratio Lower Upper
106 100
91 200.4 140.3 260.5





#54

o-Xylene

Concen: 5.517 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

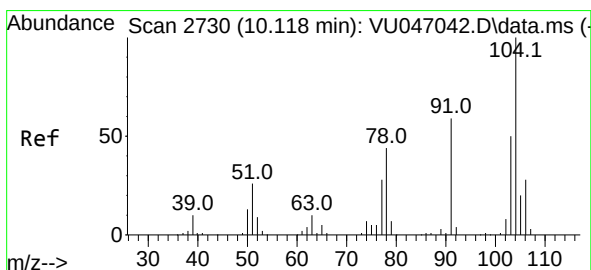
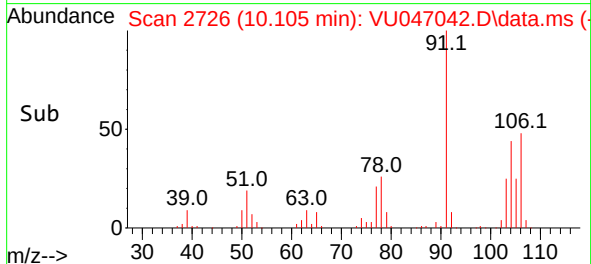
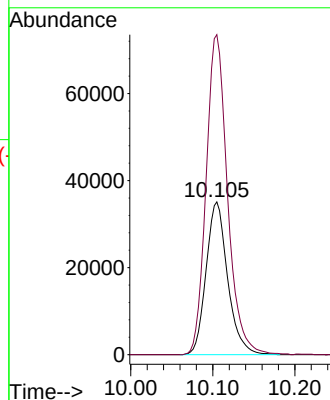
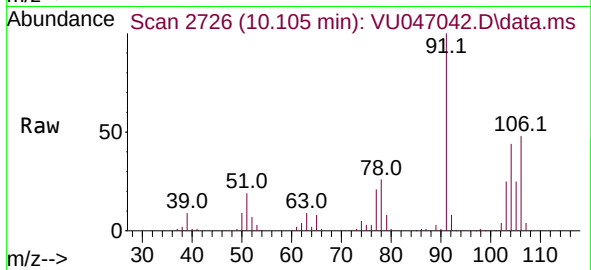
ClientSampleId :

Tgt Ion:106 Resp: 64098

Ion Ratio Lower Upper

106 100

91 209.3 146.5 272.1



#55

Styrene

Concen: 5.877 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU047042.D

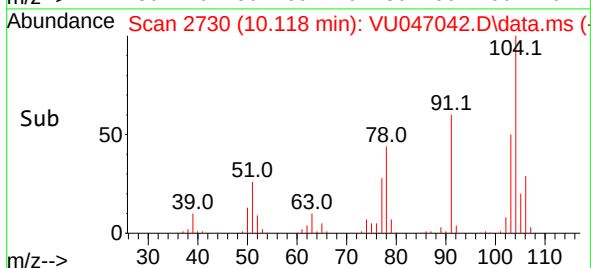
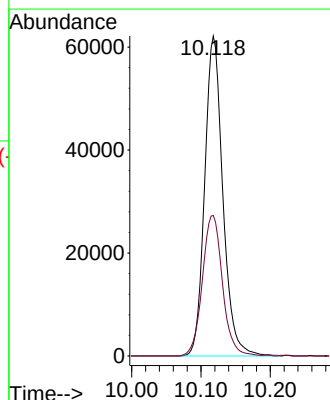
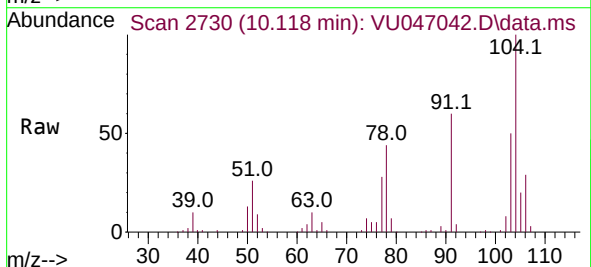
Acq: 04 Feb 2022 13:04

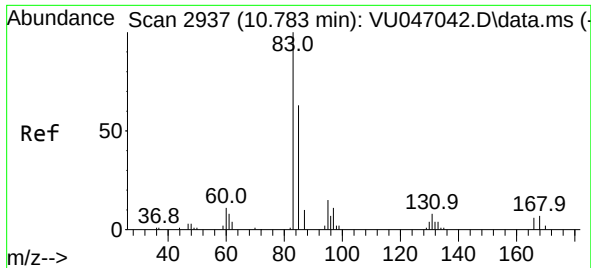
Tgt Ion:104 Resp: 112956

Ion Ratio Lower Upper

104 100

78 43.9 30.7 57.1

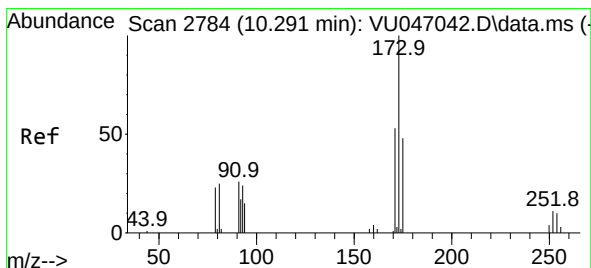
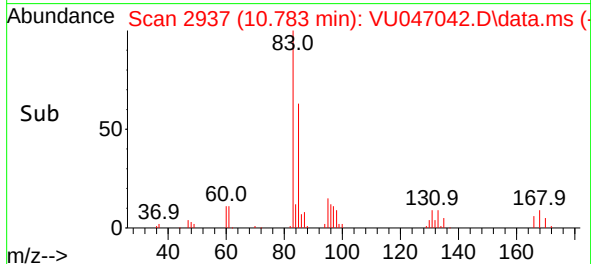
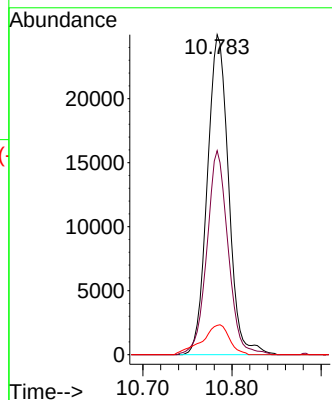
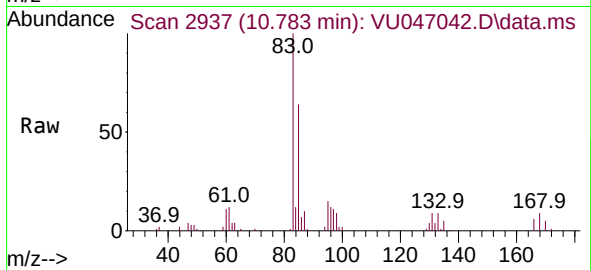




#57
1,1,2,2-Tetrachloroethane
Concen: 5.565 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

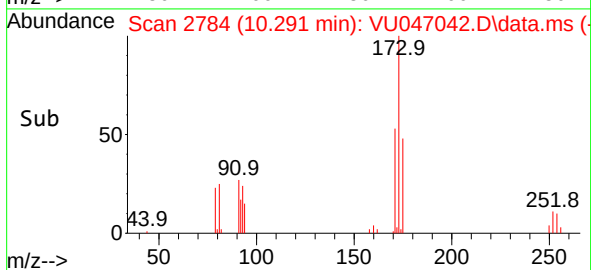
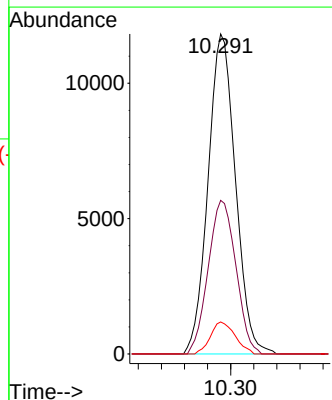
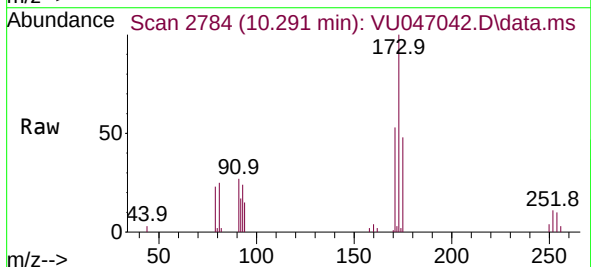
Instrument :
MSVOA_U
ClientSampleId :

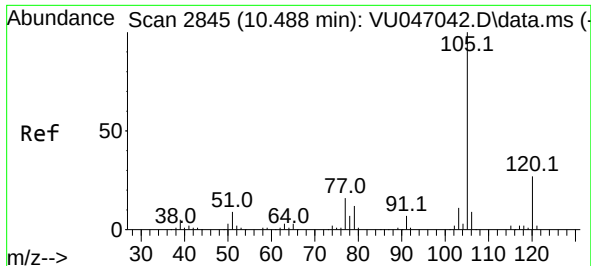
Tgt Ion: 83 Resp: 41360
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
131 9.2 7.4 11.0



#59
Bromoform
Concen: 5.153 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

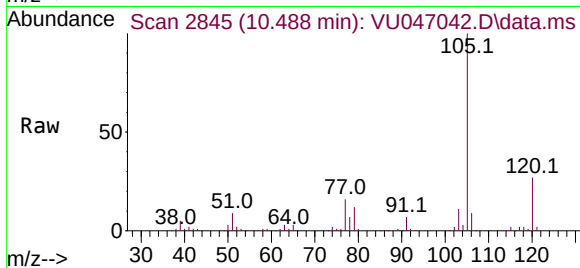
Tgt Ion:173 Resp: 19470
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.0 7.2 10.8



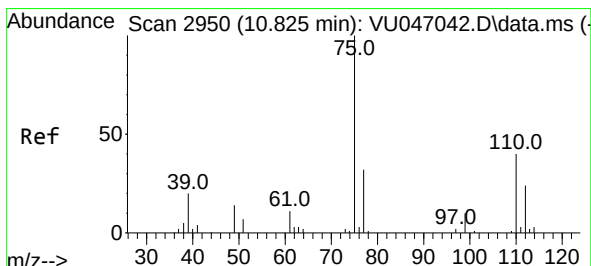
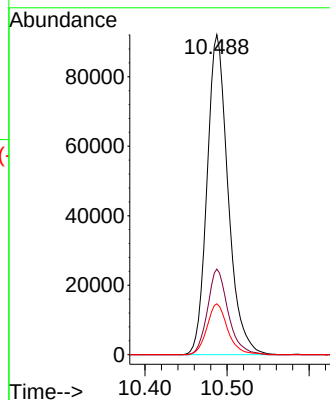
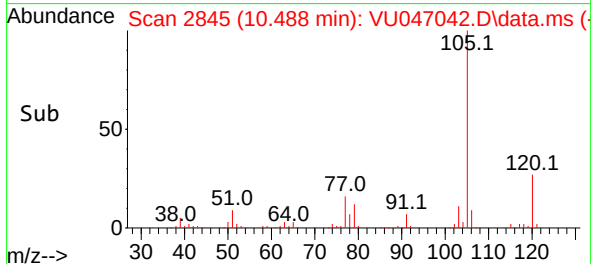


#60
Isopropylbenzene
Concen: 5.630 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

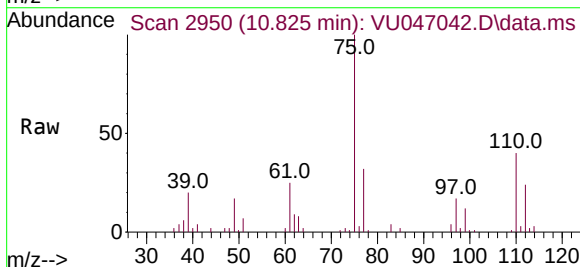
Instrument :
MSVOA_U
ClientSampleId :



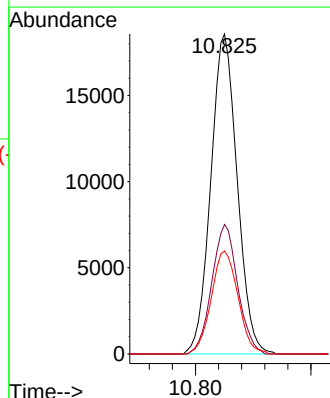
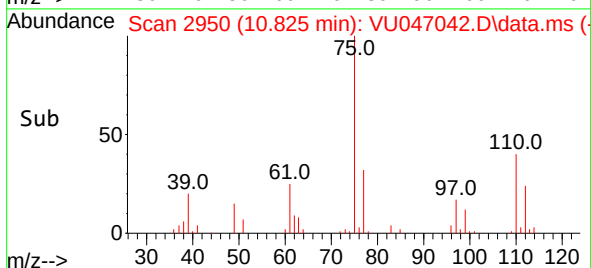
Tgt Ion:105 Resp: 163753
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.8 12.6 19.0

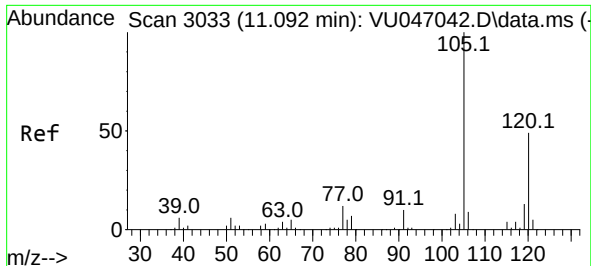


#61
1,2,3-Trichloropropane
Concen: 5.548 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04



Tgt Ion: 75 Resp: 29439
Ion Ratio Lower Upper
75 100
110 39.6 31.7 47.5
77 32.6 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.073 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU047042.D

Acq: 04 Feb 2022 13:04

Instrument :

MSVOA_U

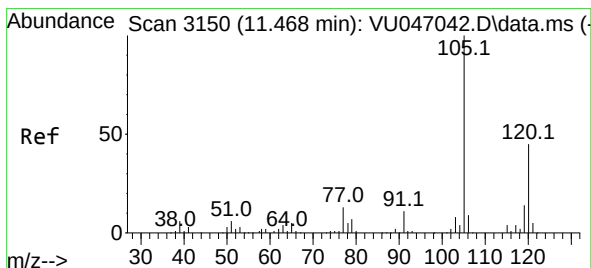
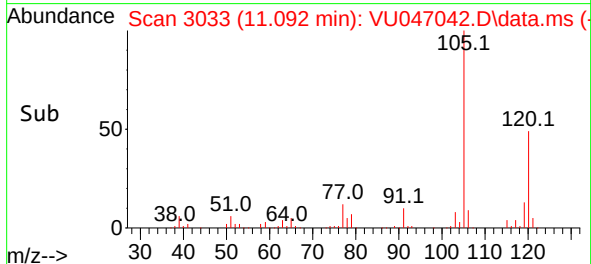
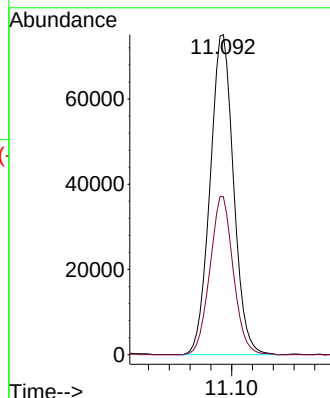
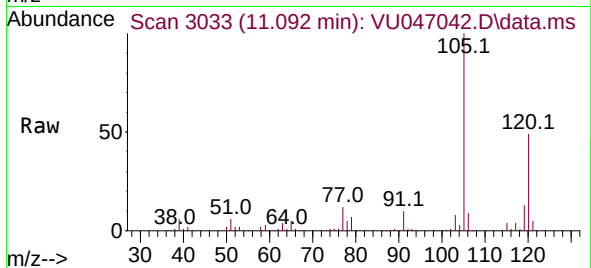
ClientSampleId :

Tgt Ion:105 Resp: 117817

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.137 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047042.D

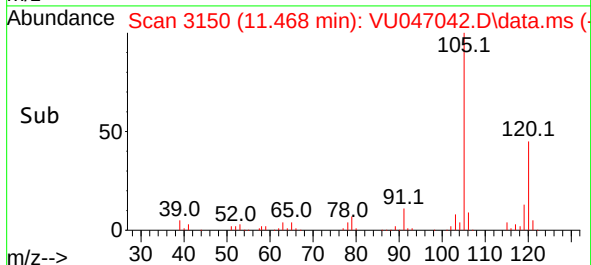
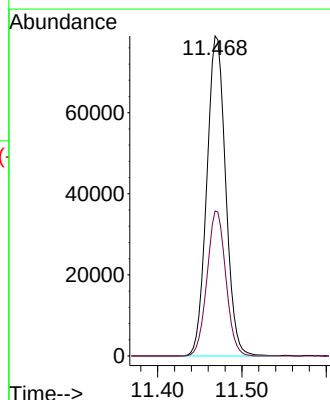
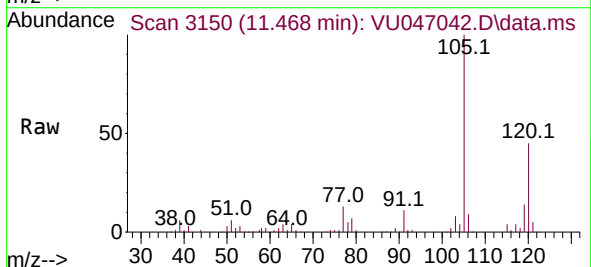
Acq: 04 Feb 2022 13:04

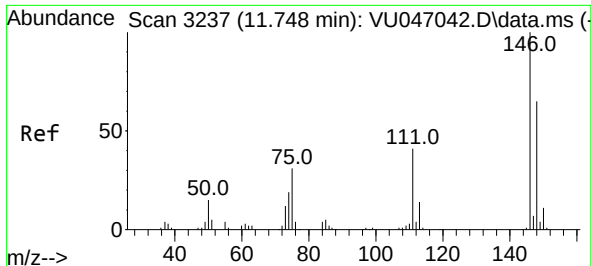
Tgt Ion:105 Resp: 122931

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1

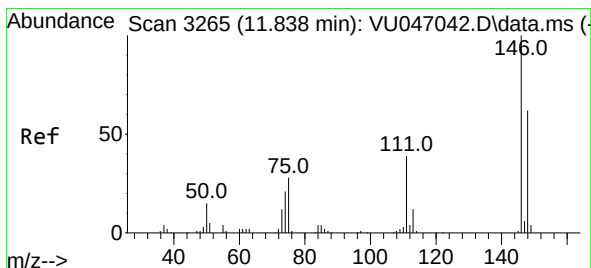
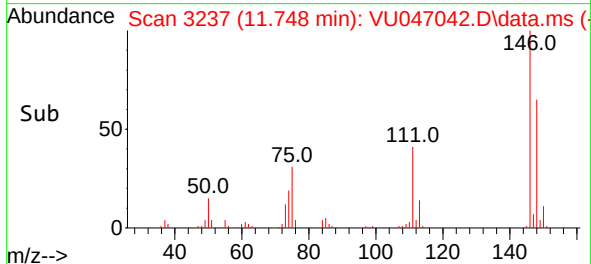
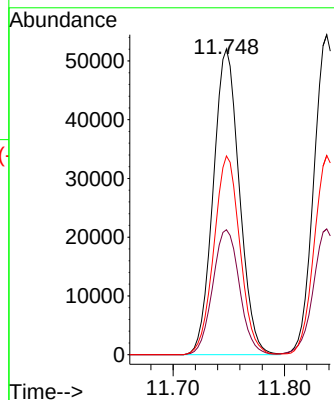
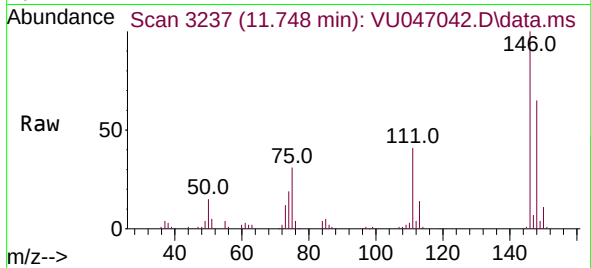




#64
1,3-Dichlorobenzene
Concen: 5.743 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

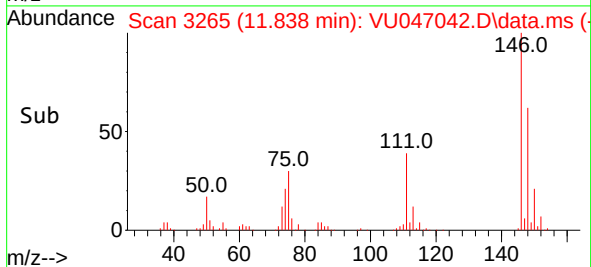
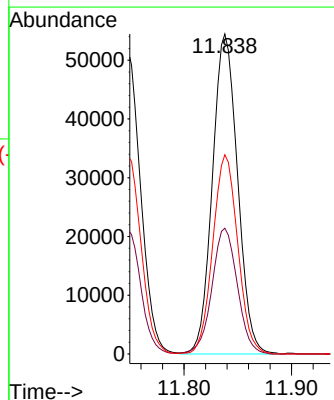
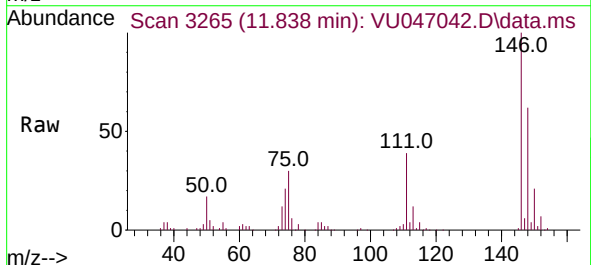
Instrument :
MSVOA_U
ClientSampleId :

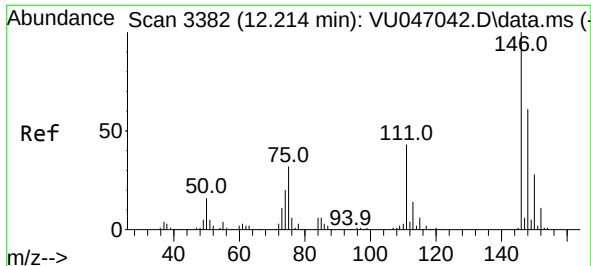
Tgt Ion:146 Resp: 84883
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 65.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 5.898 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion:146 Resp: 88507
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 62.3 43.6 81.0

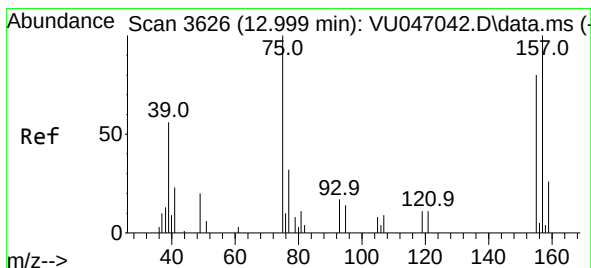
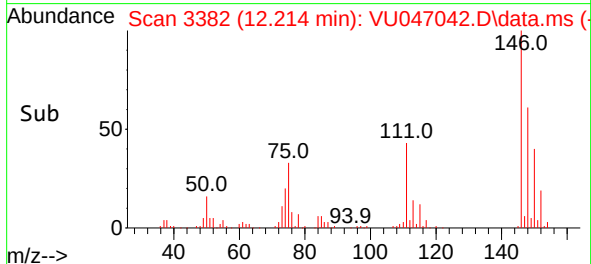
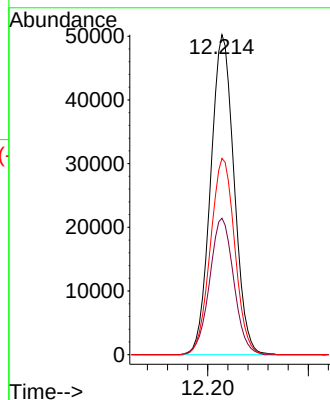
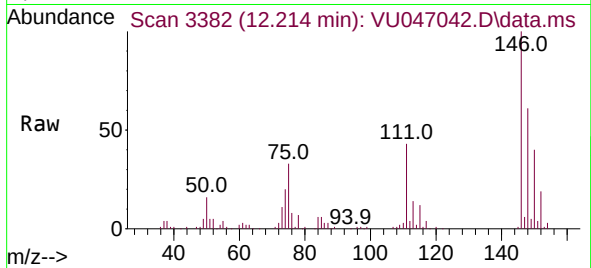




#67
1,2-Dichlorobenzene
Concen: 5.704 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

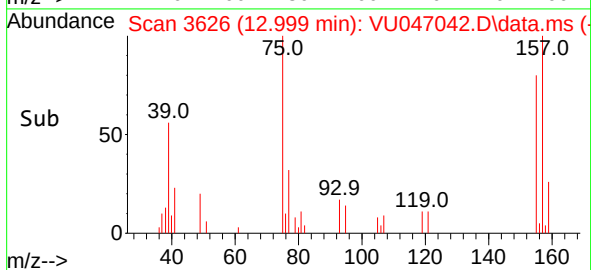
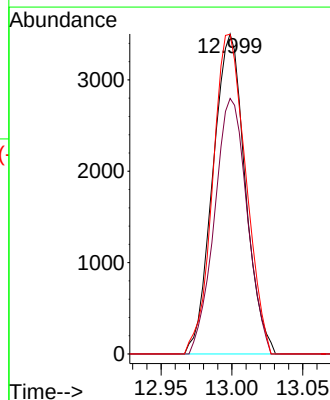
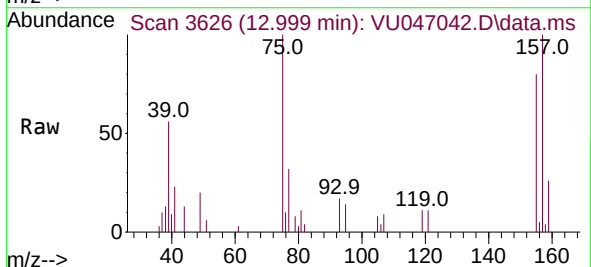
Instrument :
MSVOA_U
ClientSampleId :

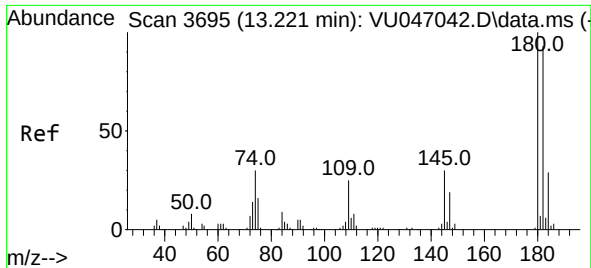
Tgt Ion:146 Resp: 81348
Ion Ratio Lower Upper
146 100
111 42.6 34.1 51.1
148 61.4 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.170 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

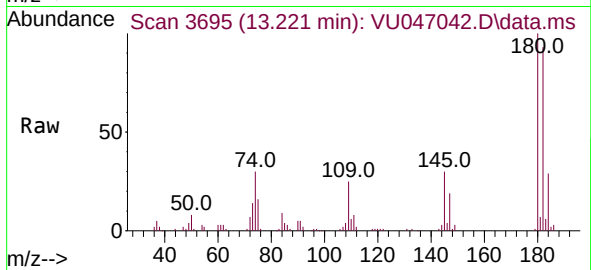
Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
155 79.9 63.9 95.9
157 99.9 79.9 119.9



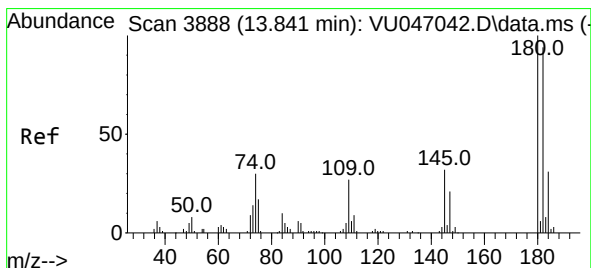
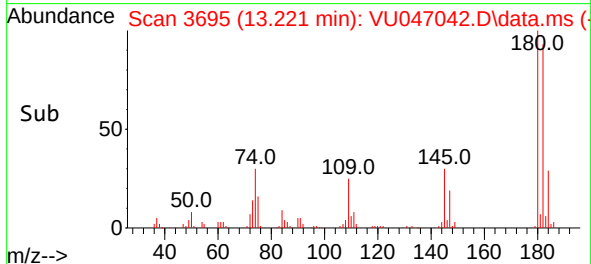
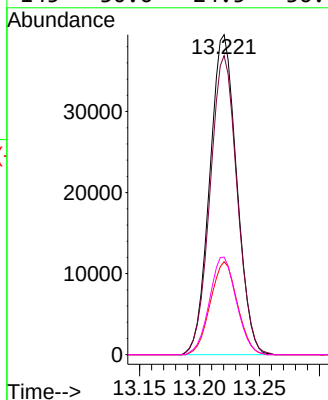


#69
 1,3,5-Trichlorobenzene
 Concen: 5.359 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

Instrument :
 MSVOA_U
 ClientSampleId :

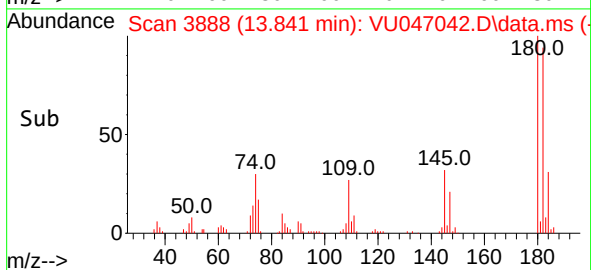
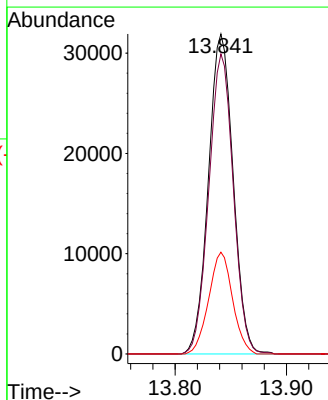
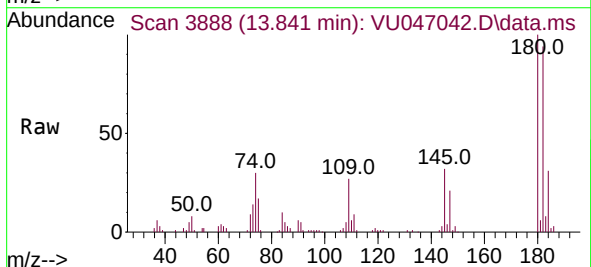


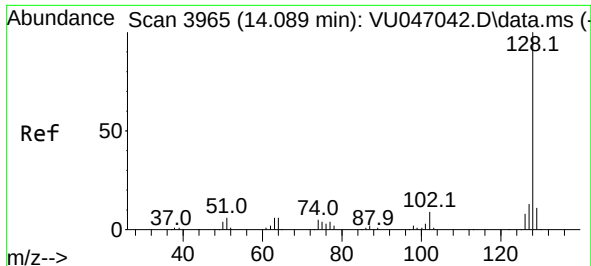
Tgt Ion:180 Resp: 61498
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.1 112.7
 184 29.1 23.3 34.9
 145 30.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.209 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047042.D
 Acq: 04 Feb 2022 13:04

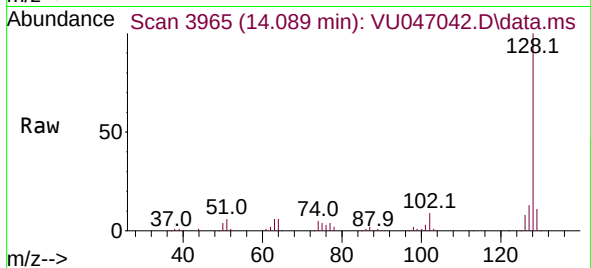
Tgt Ion:180 Resp: 49134
 Ion Ratio Lower Upper
 180 100
 182 92.8 74.2 111.4
 145 30.7 24.6 36.8



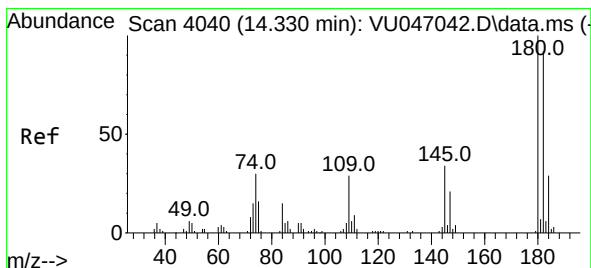
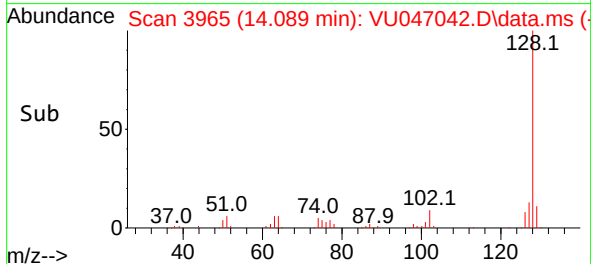
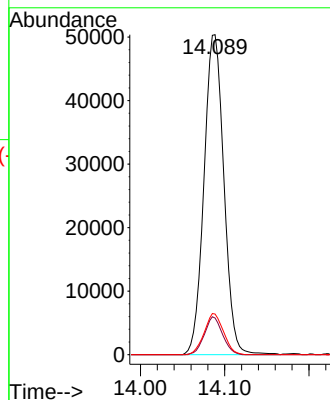


#71
Naphthalene
Concen: 4.463 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 82863
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.408 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047042.D
Acq: 04 Feb 2022 13:04

Tgt Ion:180 Resp: 48857
Ion Ratio Lower Upper
180 100
182 92.5 74.0 111.0
145 33.9 27.1 40.7

