

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U0020322\
 Data File : U0047037.D
 Acq On : 03 Feb 2022 21:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:51:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43928	4.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.919	69	36284	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.571	65	16634	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.636	46	106548	40.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.940%
24) Chloroform-d	5.067	84	80651	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.706	65	41382	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.732	84	153106	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.694	67	48051	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.899	98	138018	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.182	79	18297	3.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.636	63	92997	33.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42885	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	48875	3.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39708	4.025	ug/L	99
3) Chloromethane	1.527	50	47615	5.862	ug/L	99
5) Vinyl chloride	1.607	62	46472	5.495	ug/L	99
6) Bromomethane	1.861	94	23932	4.523	ug/L	96
8) Chloroethane	1.938	64	28477	5.850	ug/L	100
9) Trichlorofluoromethane	2.144	101	59609	5.784	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33053	5.394	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30917	5.280	ug/L	91
13) Acetone	2.649	43	53131	37.108	ug/L	98
14) Carbon disulfide	2.800	76	95185	4.949	ug/L	99
15) Methyl Acetate	2.957	43	13487	4.312	ug/L	100
16) Methylene chloride	3.051	84	36900	5.218	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	68010	4.140	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	31908	5.031	ug/L	94
19) 1,1-Dichloroethane	3.877	63	62224	5.844	ug/L	97
21) 2-Butanone	4.713	43	84340	36.627	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	34274	5.123	ug/L	97
23) Bromochloromethane	4.977	128	16638	5.055	ug/L	92
25) Chloroform	5.092	83	65671	3.886	ug/L	97

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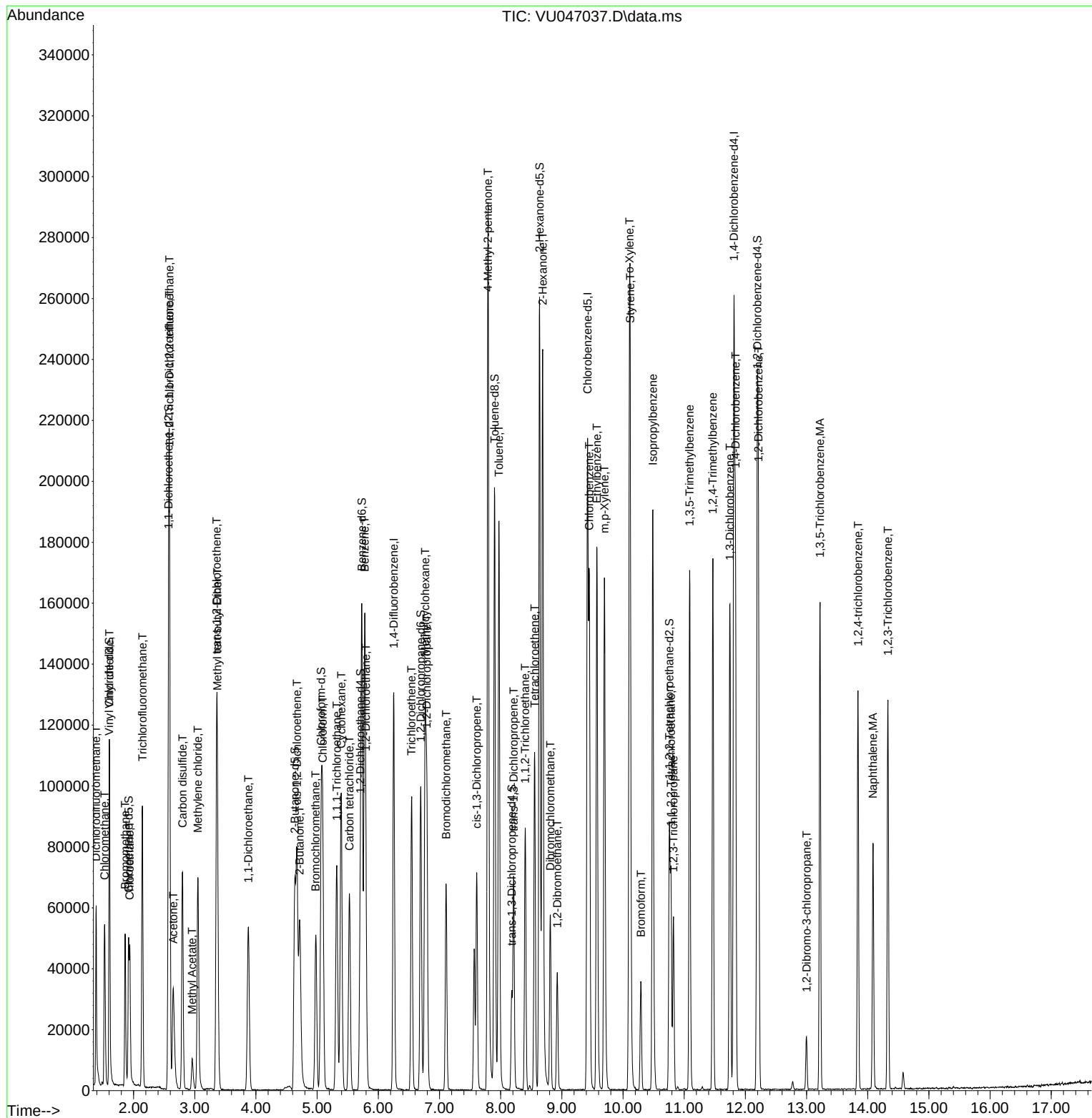
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	39592	5.308	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	53713	4.878	ug/L	99
30) Cyclohexane	5.395	56	42561	3.811	ug/L	98
31) Carbon tetrachloride	5.530	117	45481	4.814	ug/L	98
33) Benzene	5.777	78	135956	4.724	ug/L	100
34) Trichloroethene	6.542	95	33362	4.464	ug/L	98
35) Methylcyclohexane	6.767	83	43880	3.506	ug/L	99
37) 1,2-Dichloropropane	6.793	63	35543	5.034	ug/L	98
38) Bromodichloromethane	7.108	83	44477	4.377	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	43469	3.946	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	188815	36.477	ug/L	98
42) Toluene	7.973	91	144862	4.211	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40487	4.125	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	26612	4.430	ug/L	97
47) Tetrachloroethene	8.555	164	26070	4.289	ug/L	91
48) 2-Hexanone	8.687	43	152299	38.980	ug/L	99
49) Dibromochloromethane	8.812	129	29382	4.147	ug/L	96
50) 1,2-Dibromoethane	8.925	107	24347	3.999	ug/L	88
51) Chlorobenzene	9.449	112	89511	4.480	ug/L	99
52) Ethylbenzene	9.574	91	135371	4.139	ug/L	98
53) m,p-Xylene	9.697	106	52581	4.033	ug/L	93
54) o-Xylene	10.105	106	51594	4.082	ug/L	99
55) Styrene	10.118	104	88574	4.284	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	33962	4.204	ug/L	95
59) Bromoform	10.291	173	15907	3.824	ug/L	100
60) Isopropylbenzene	10.488	105	130758	4.155	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24697	4.315	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	92995	3.600	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	96187	3.619	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68991	4.386	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69556	4.394	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65257	4.289	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	4650	3.914	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	47166	3.803	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	38254	3.690	ug/L	100
71) Naphthalene	14.085	128	63603	3.013	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	38228	3.903	ug/L	99

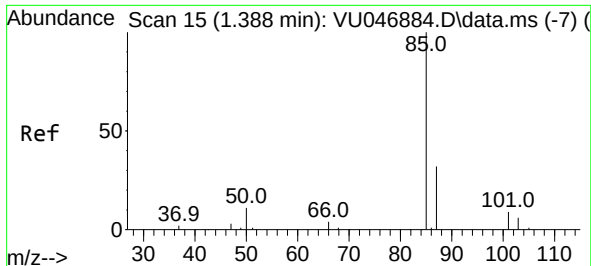
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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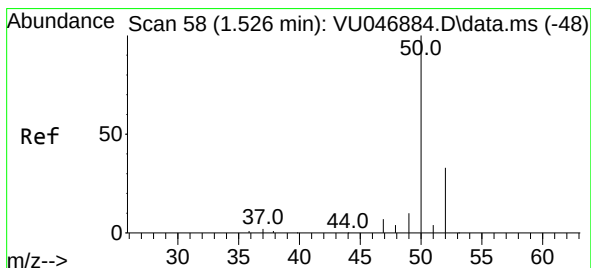
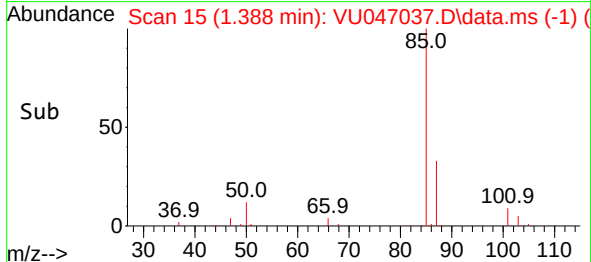
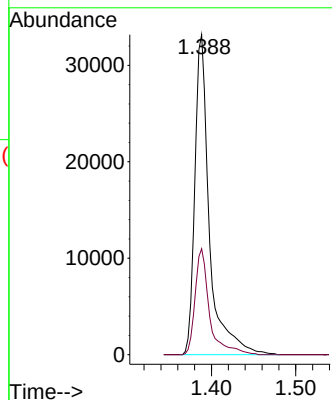
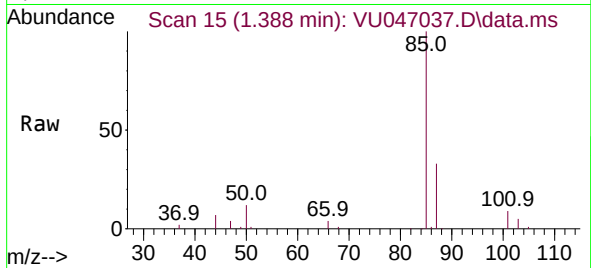




#2
 Dichlorodifluoromethane
 Concen: 4.025 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

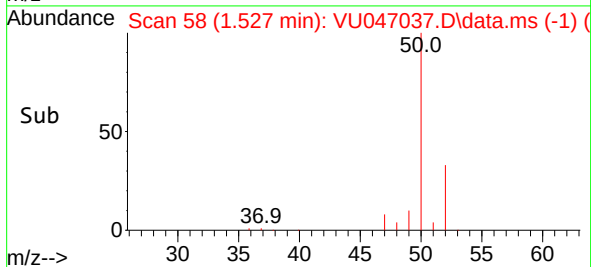
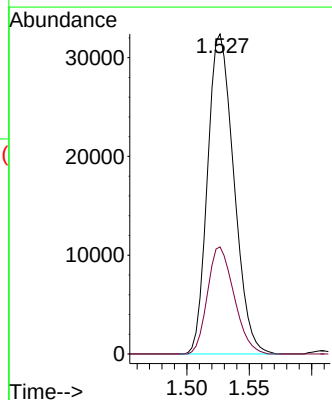
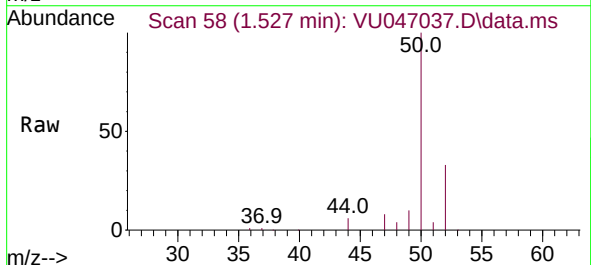
Instrument :
 MSVOA_U
 ClientSampleId :

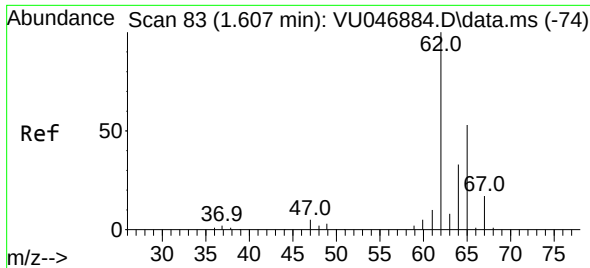
Tgt Ion: 85 Resp: 39708
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.6



#3
 Chloromethane
 Concen: 5.862 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Tgt Ion: 50 Resp: 47615
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

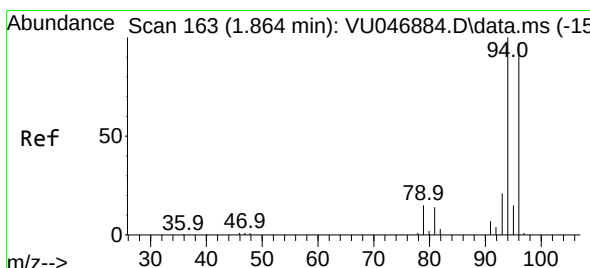
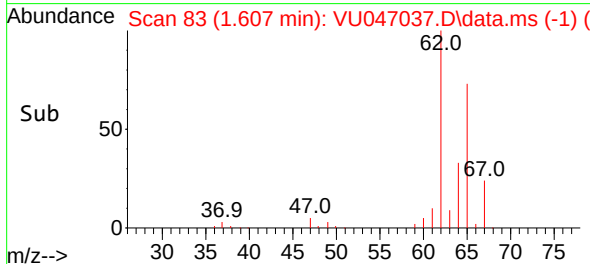
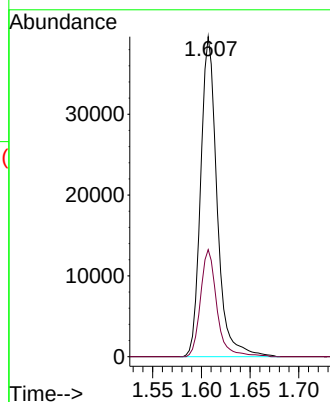
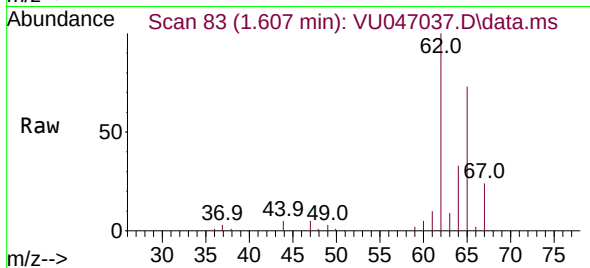




#5
 Vinyl chloride
 Concen: 5.495 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

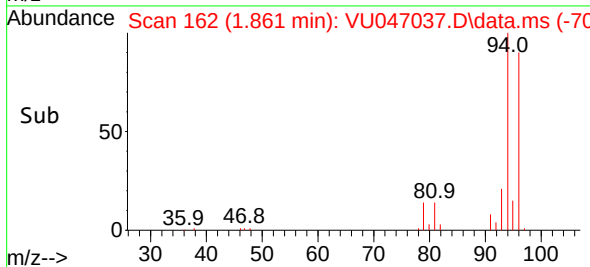
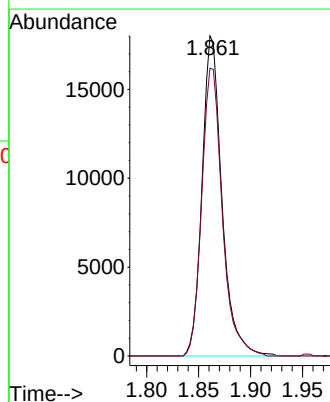
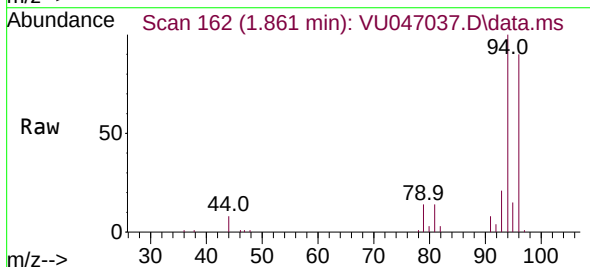
Instrument :
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 ClientSampleId :

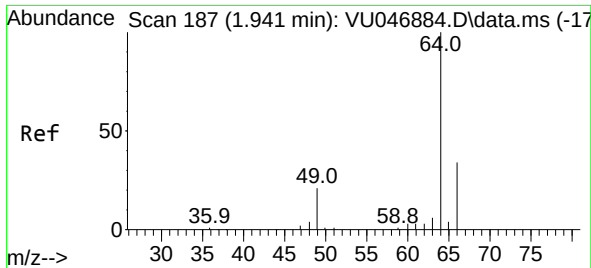
Tgt Ion: 62 Resp: 46472
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 4.523 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Tgt Ion: 94 Resp: 23932
 Ion Ratio Lower Upper
 94 100
 96 90.0 65.5 121.6

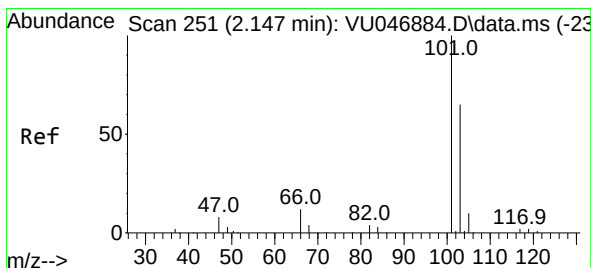
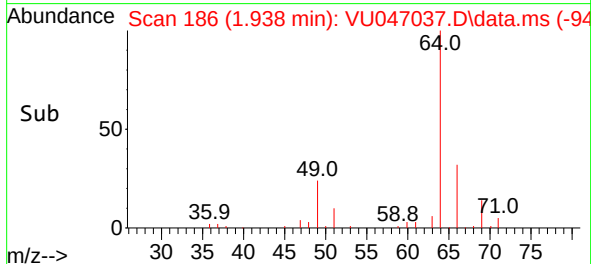
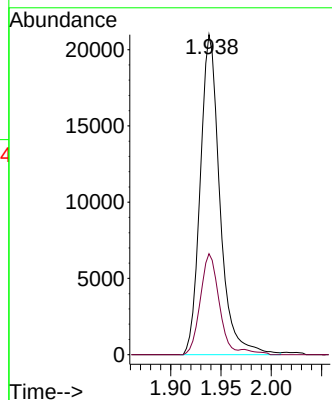
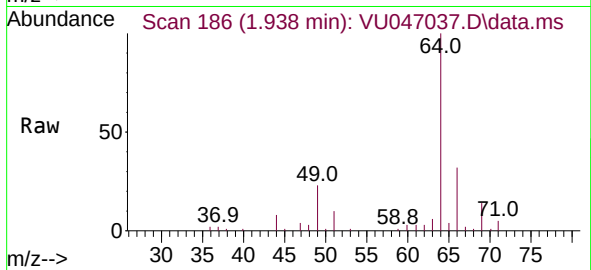




#8
Chloroethane
Concen: 5.850 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

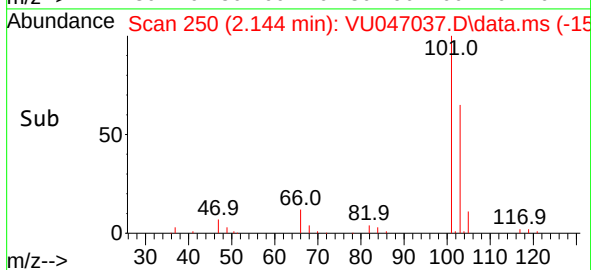
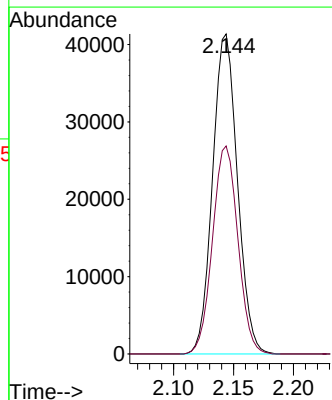
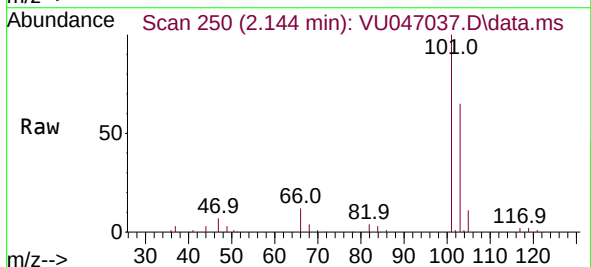
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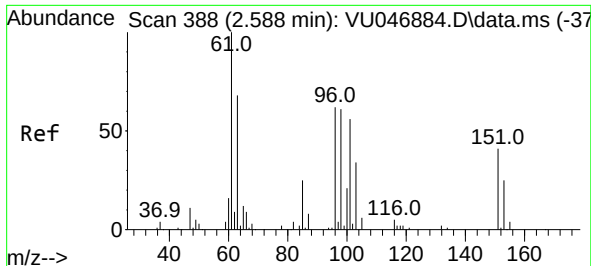
Tgt Ion: 64 Resp: 28477
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.784 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:101 Resp: 59609
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

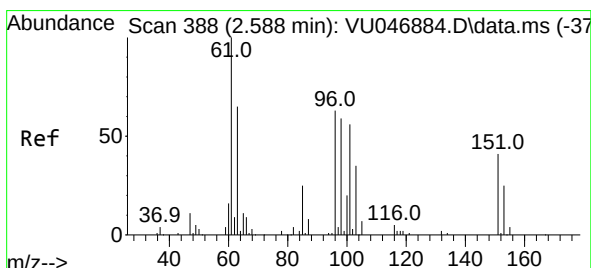
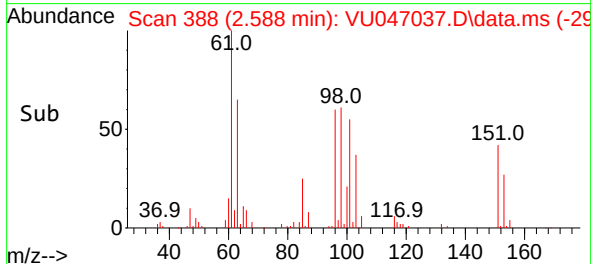
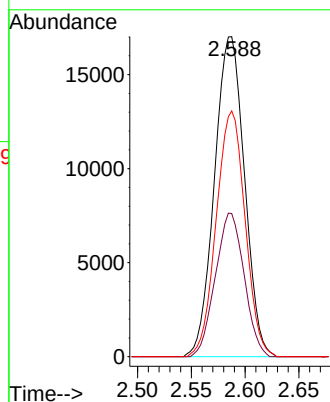
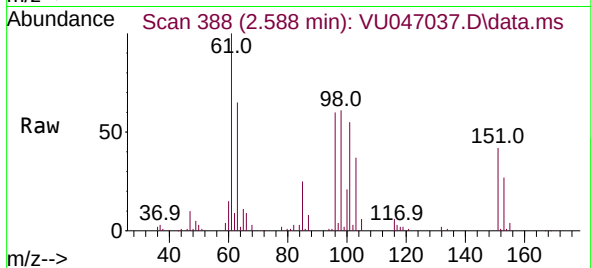




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.394 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

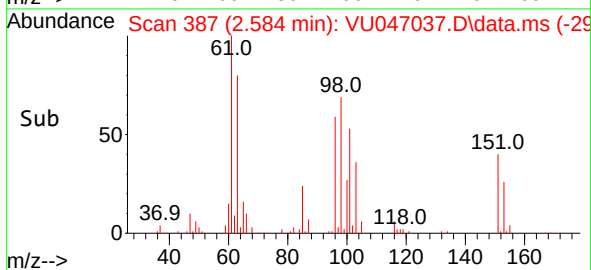
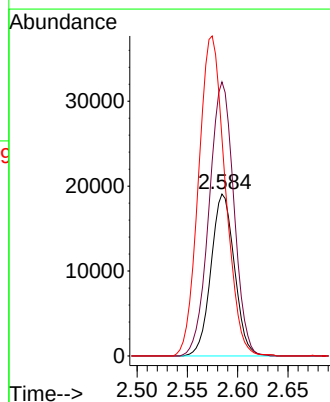
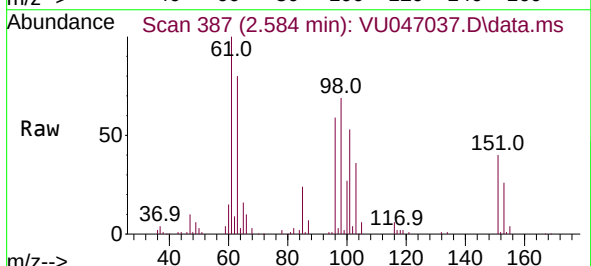
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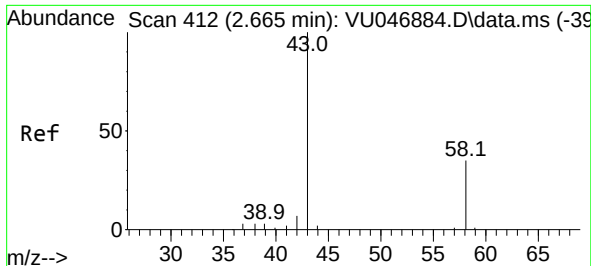
Tgt Ion:101 Resp: 33053
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.6 51.8
 151 73.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.280 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Tgt Ion: 96 Resp: 30917
 Ion Ratio Lower Upper
 96 100
 61 169.2 124.7 231.5
 63 134.6 105.2 195.4





#13

Acetone

Concen: 37.108 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.023 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

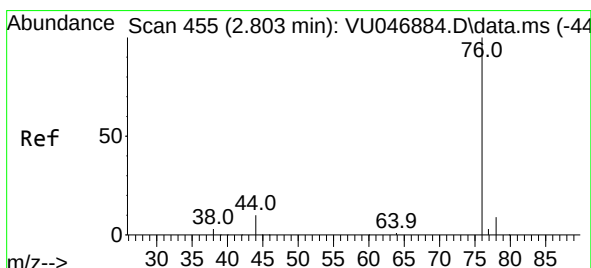
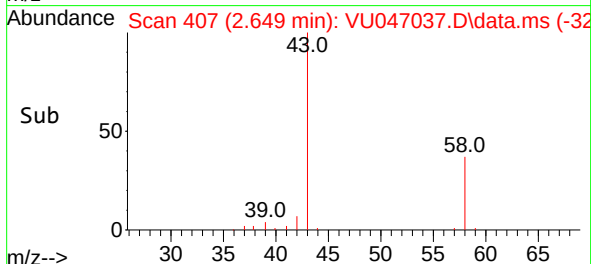
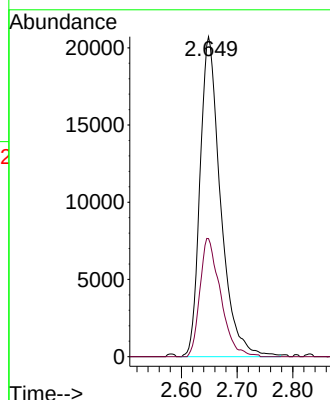
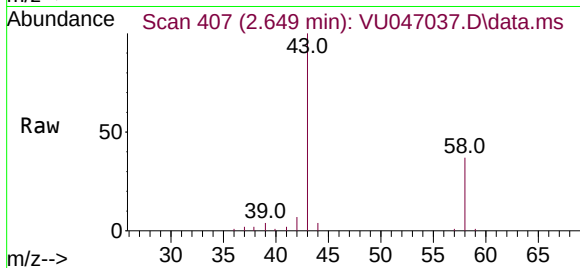
ClientSampleId :

Tgt Ion: 43 Resp: 53131

Ion Ratio Lower Upper

43 100

58 37.1 0.0 71.6



#14

Carbon disulfide

Concen: 4.949 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

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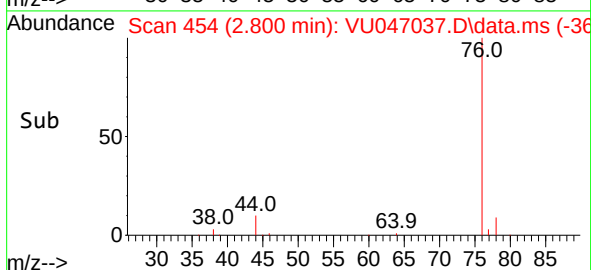
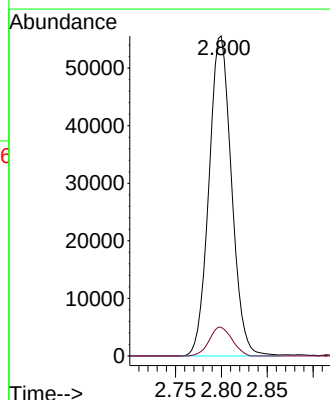
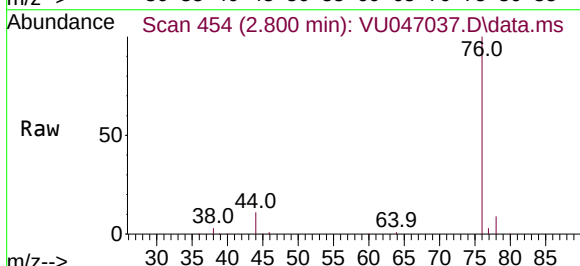
Acq: 03 Feb 2022 21:28

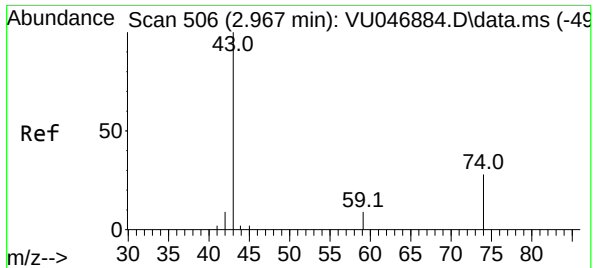
Tgt Ion: 76 Resp: 95185

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

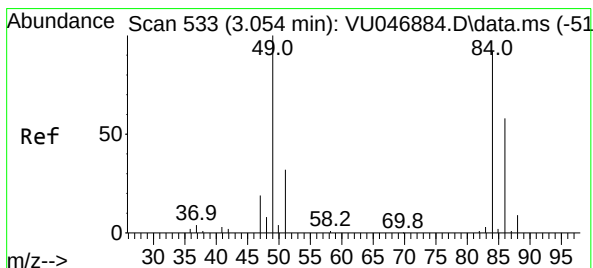
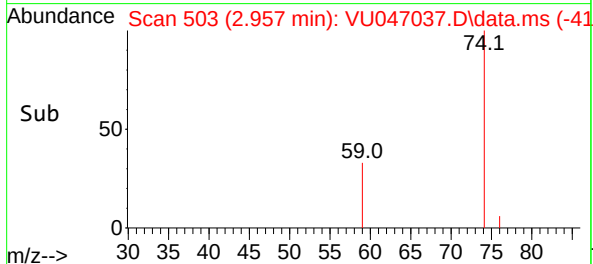
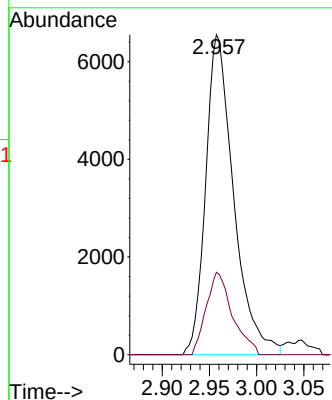
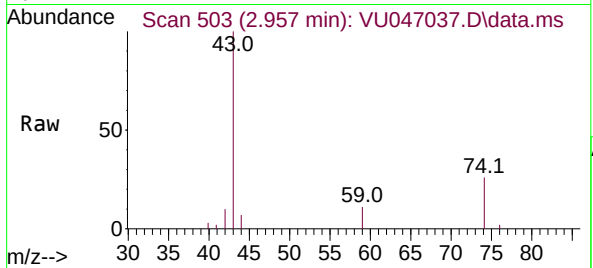




#15
Methyl Acetate
Concen: 4.312 ug/L
RT: 2.957 min Scan# 50
Delta R.T. -0.007 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

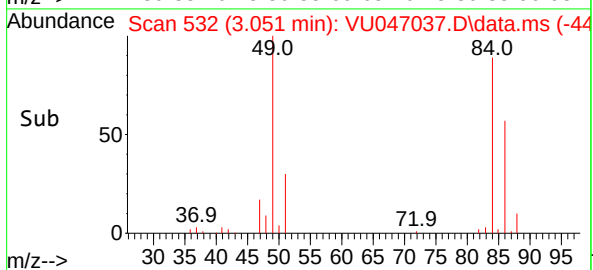
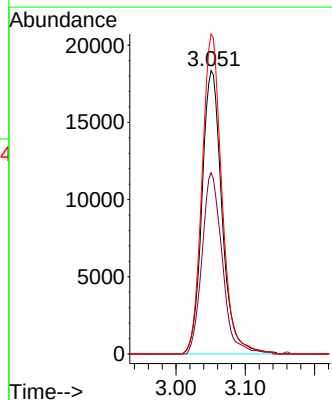
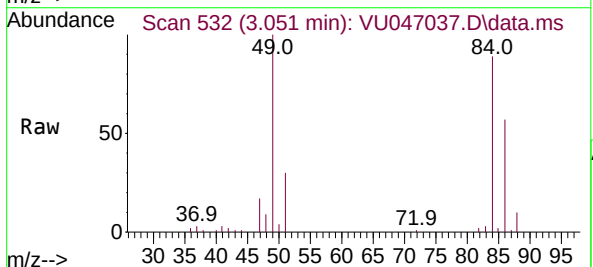
Instrument :
MSVOA_U
ClientSampleId :

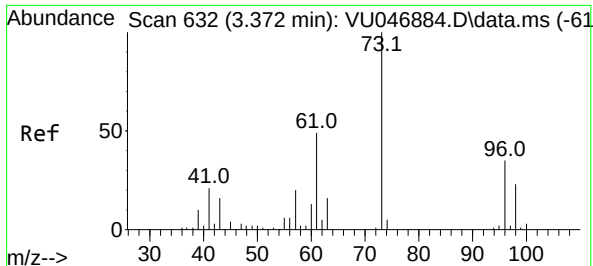
Tgt Ion: 43 Resp: 13487
Ion Ratio Lower Upper
43 100
74 24.1 19.1 28.7



#16
Methylene chloride
Concen: 5.218 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 84 Resp: 36900
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.0
49 112.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.140 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

ClientSampleId :

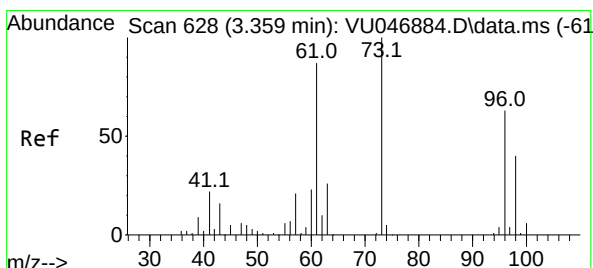
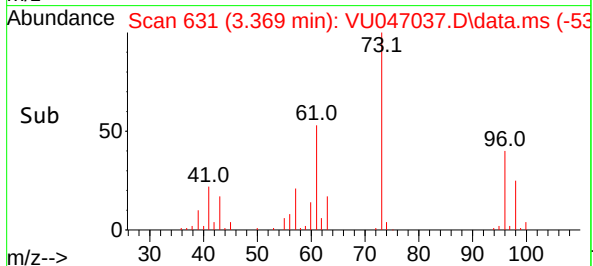
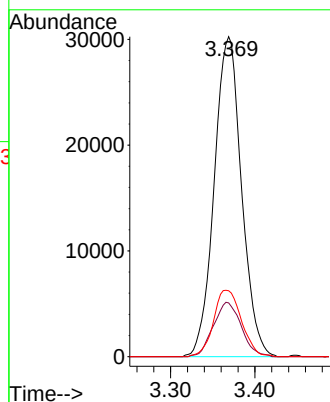
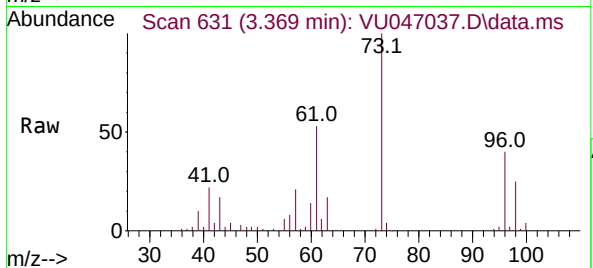
Tgt Ion: 73 Resp: 68010

Ion Ratio Lower Upper

73 100

43 17.4 14.8 22.2

57 21.3 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.031 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

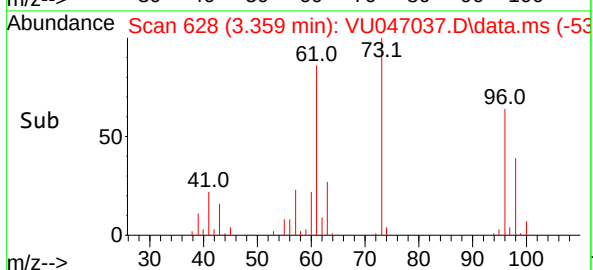
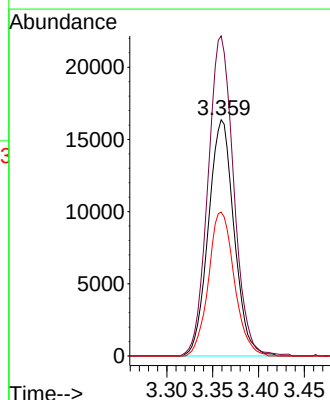
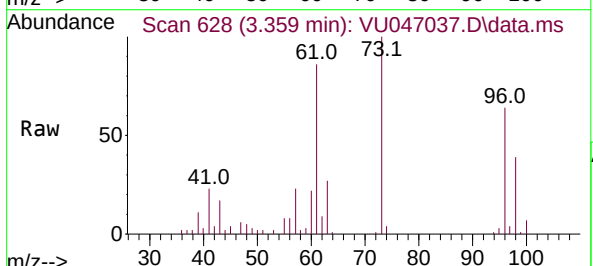
Tgt Ion: 96 Resp: 31908

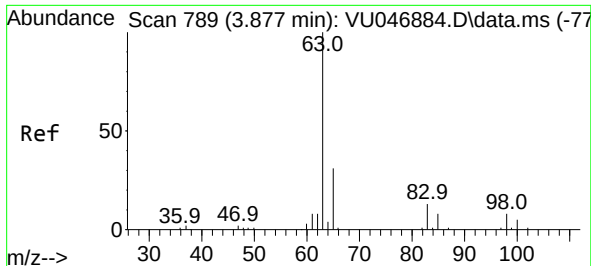
Ion Ratio Lower Upper

96 100

61 135.5 100.8 187.2

98 60.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.844 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

ClientSampleId :

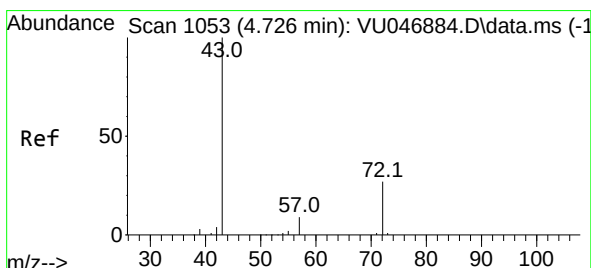
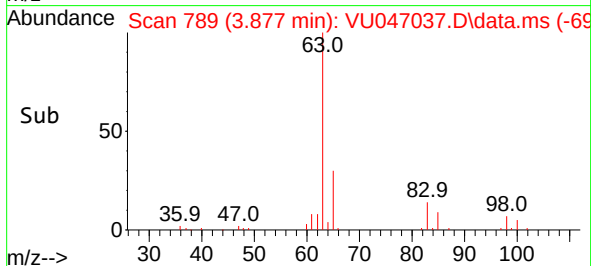
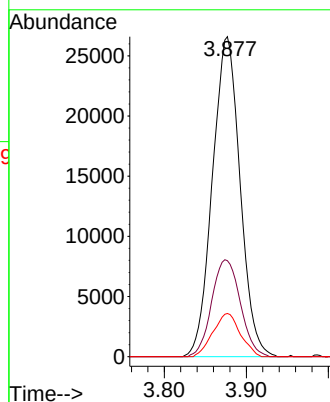
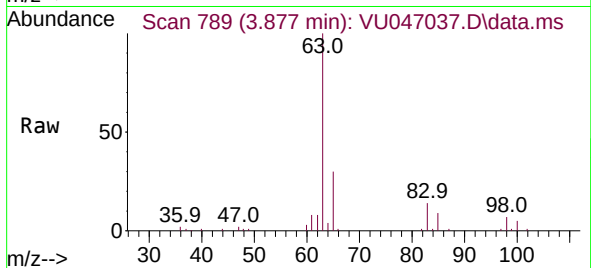
Tgt Ion: 63 Resp: 62224

Ion Ratio Lower Upper

63 100

65 30.0 22.3 41.5

83 13.5 9.6 17.8



#21

2-Butanone

Concen: 36.627 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.013 min

Lab File: VU047037.D

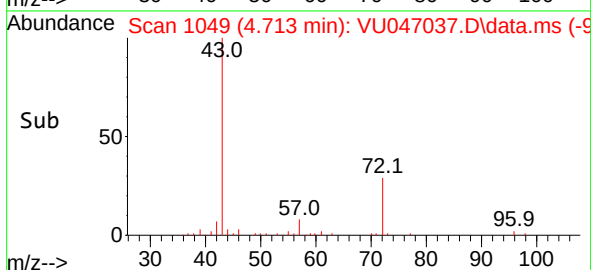
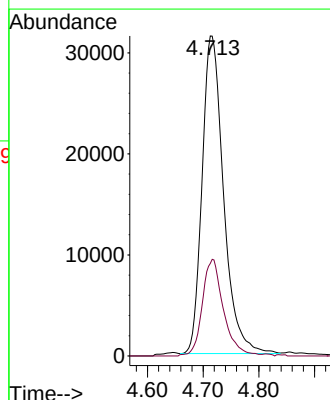
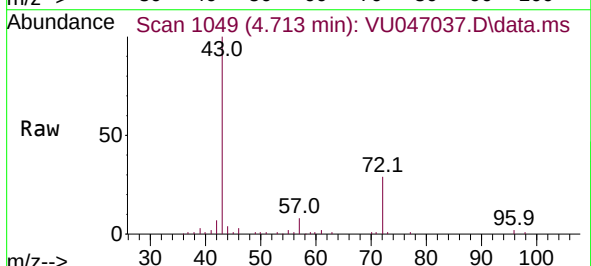
Acq: 03 Feb 2022 21:28

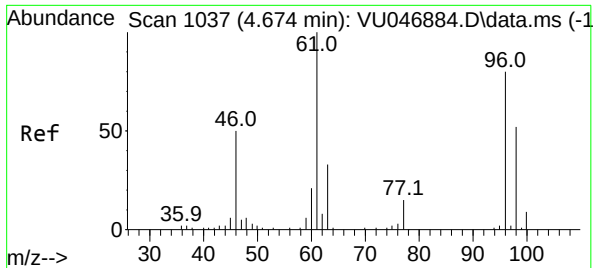
Tgt Ion: 43 Resp: 84340

Ion Ratio Lower Upper

43 100

72 29.9 14.1 42.3

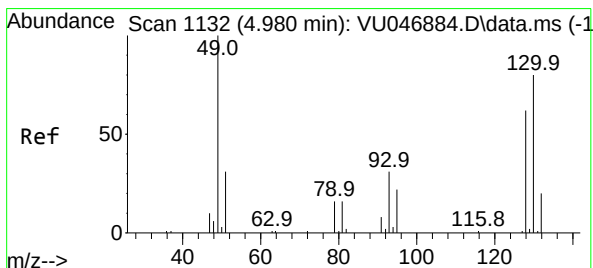
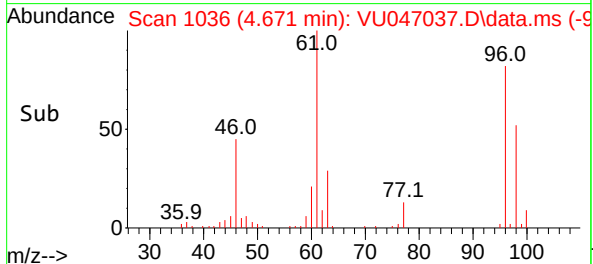
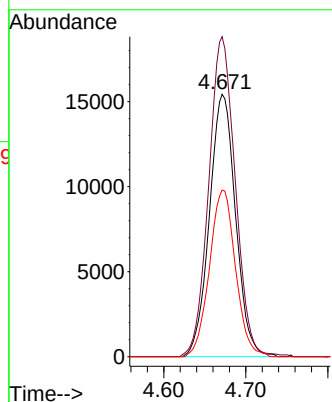
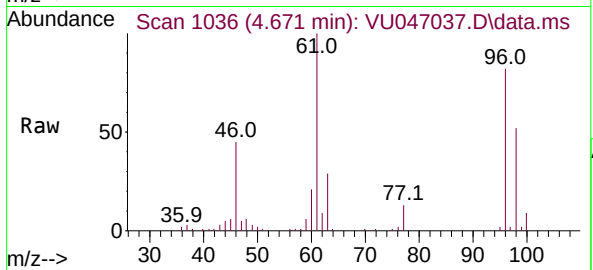




#22
 cis-1,2-Dichloroethene
 Concen: 5.123 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

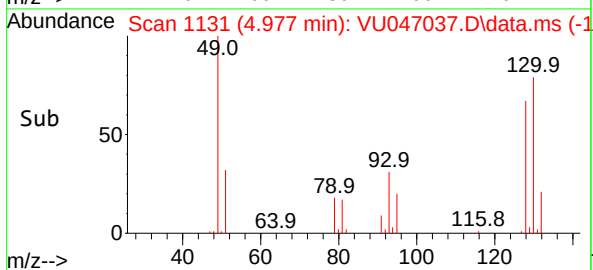
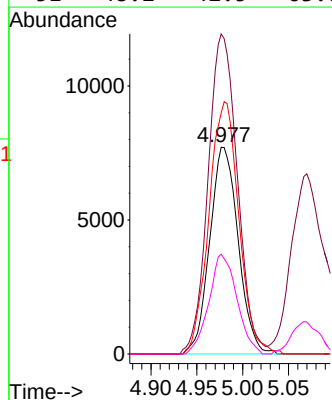
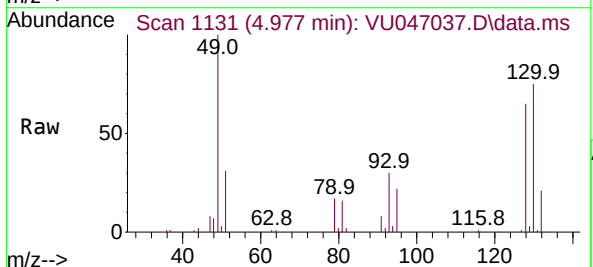
Instrument :
 MSVOA_U
 ClientSampleId :

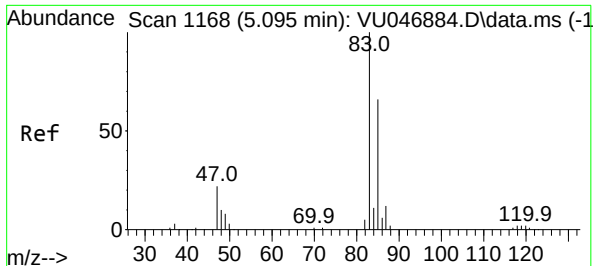
Tgt Ion: 96 Resp: 34274
 Ion Ratio Lower Upper
 96 100
 61 121.9 88.5 164.3
 98 63.5 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.055 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Tgt Ion: 128 Resp: 16638
 Ion Ratio Lower Upper
 128 100
 49 154.8 117.0 217.2
 130 116.5 88.2 163.8
 51 48.2 42.5 63.7





#25

Chloroform

Concen: 3.886 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

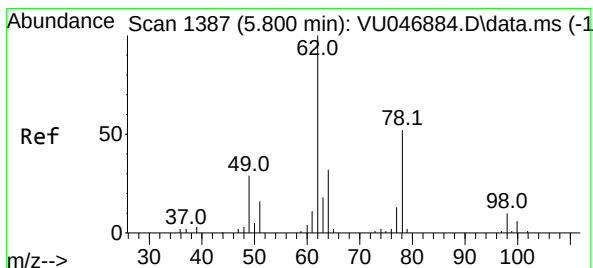
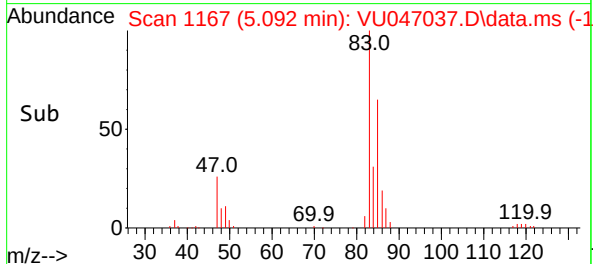
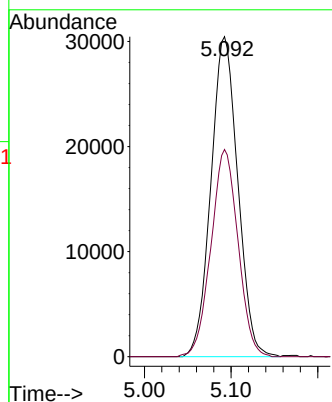
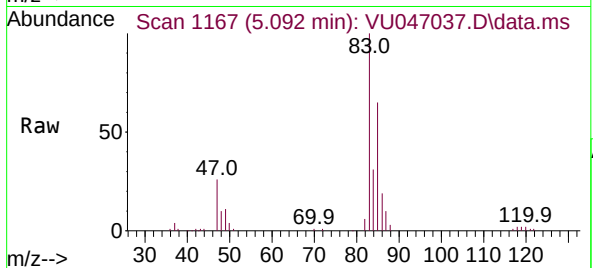
ClientSampleId :

Tgt Ion: 83 Resp: 65671

Ion Ratio Lower Upper

83 100

85 64.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.308 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047037.D

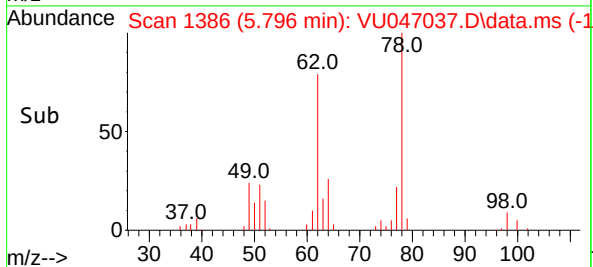
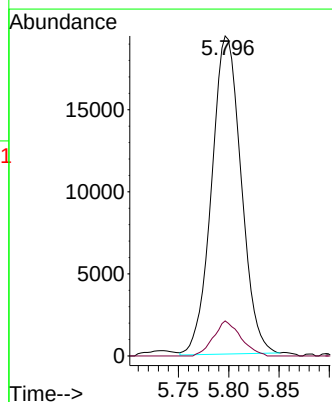
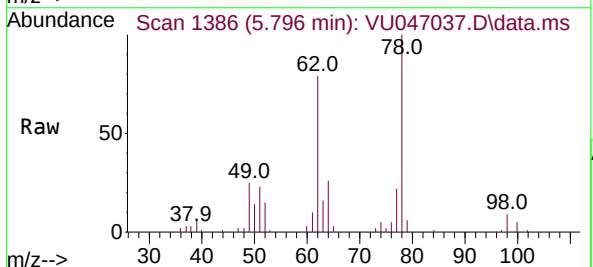
Acq: 03 Feb 2022 21:28

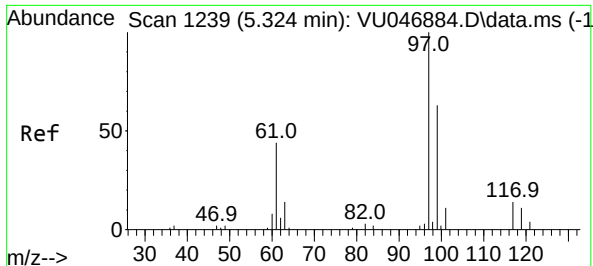
Tgt Ion: 62 Resp: 39592

Ion Ratio Lower Upper

62 100

98 11.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.878 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

ClientSampleId :

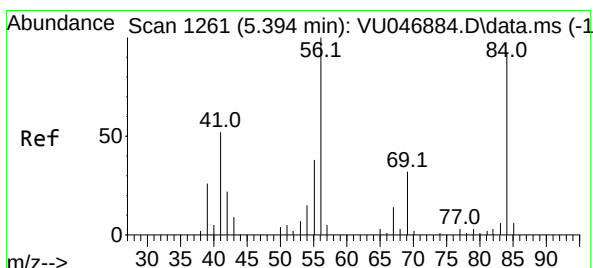
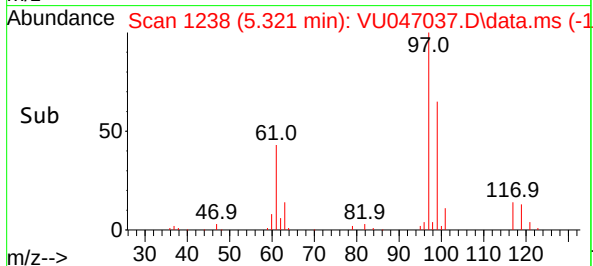
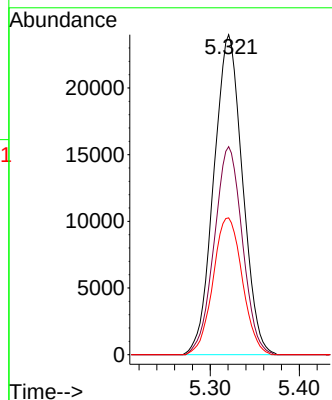
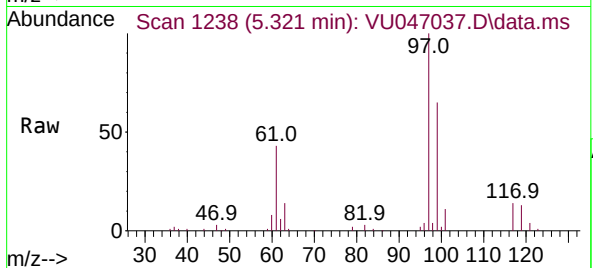
Tgt Ion: 97 Resp: 53713

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 43.6 36.1 54.1



#30

Cyclohexane

Concen: 3.811 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

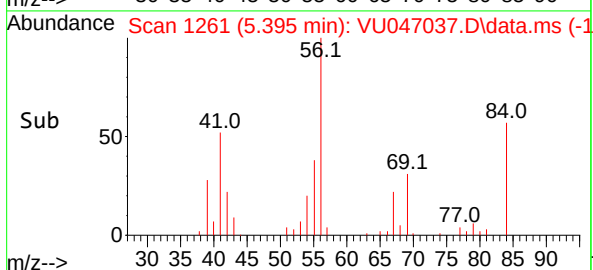
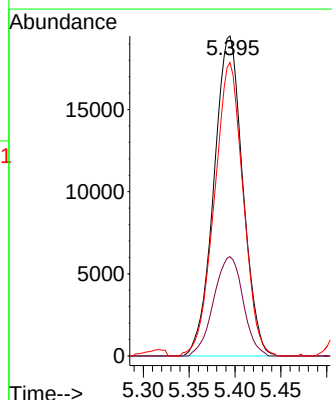
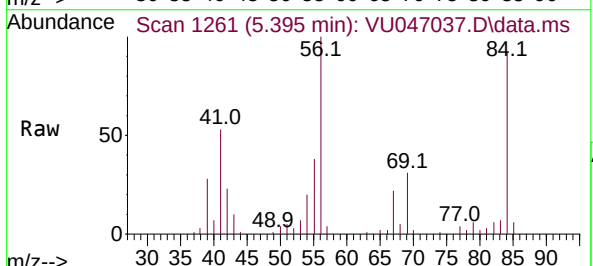
Tgt Ion: 56 Resp: 42561

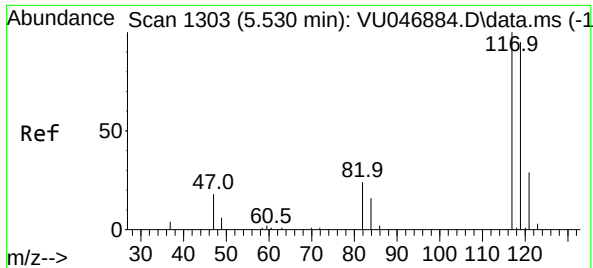
Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 91.4 71.8 107.6

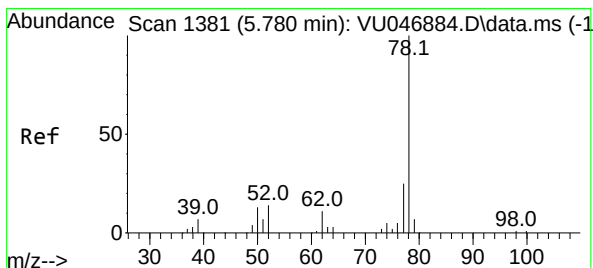
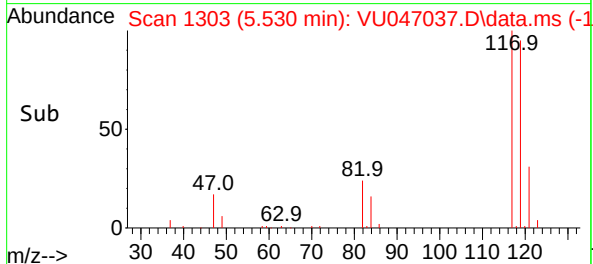
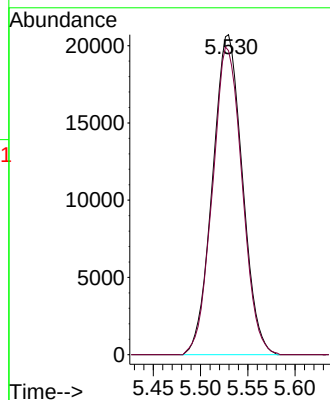
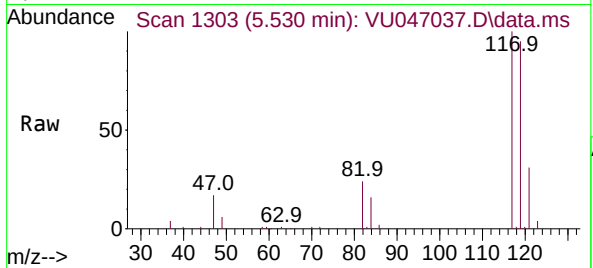




#31
Carbon tetrachloride
Concen: 4.814 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

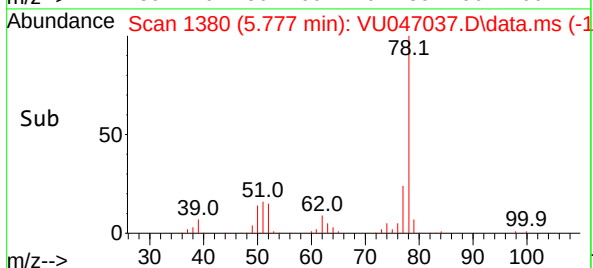
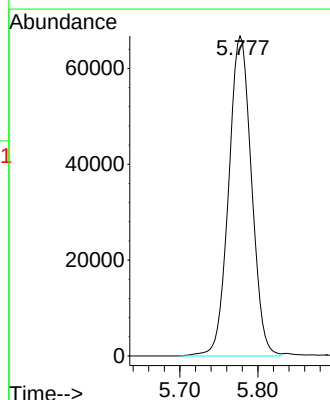
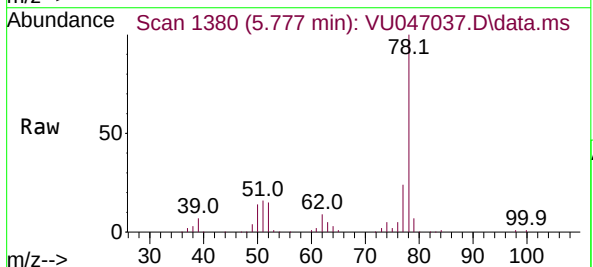
Instrument :
MSVOA_U
ClientSampleId :

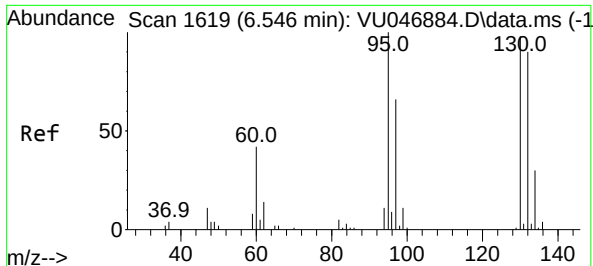
Tgt Ion:117 Resp: 45481
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 4.724 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 78 Resp: 135956

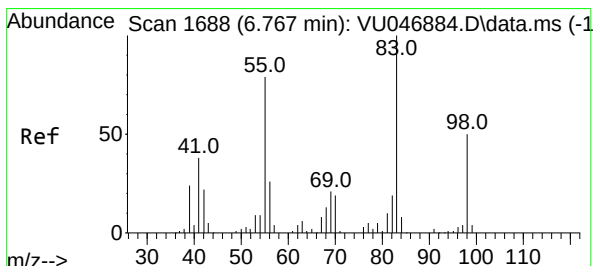
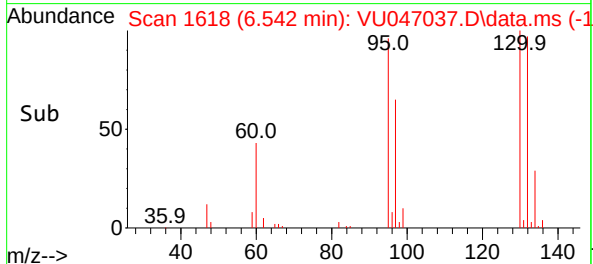
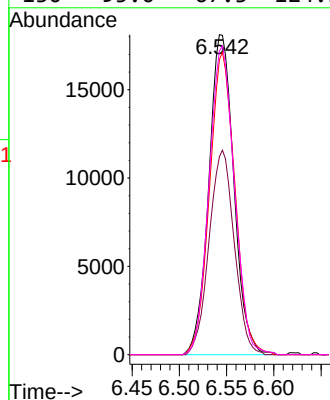
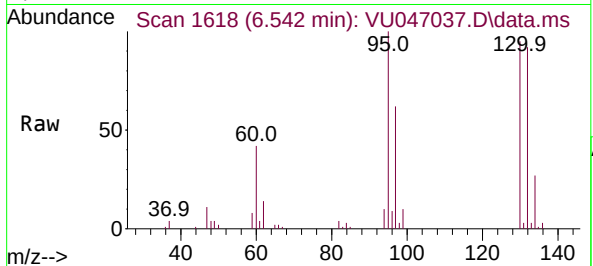




#34
Trichloroethene
Concen: 4.464 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

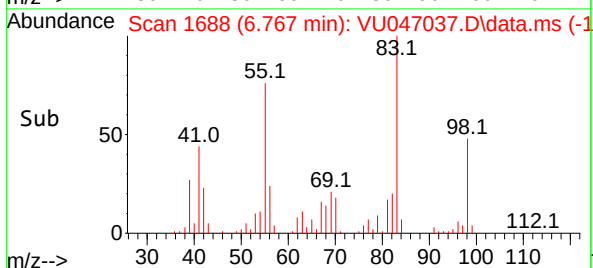
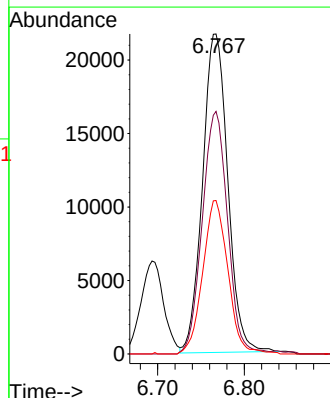
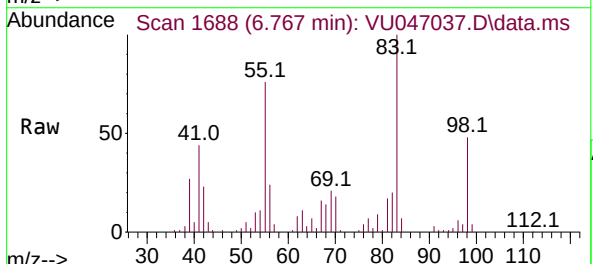
Instrument :
MSVOA_U
ClientSampleId :

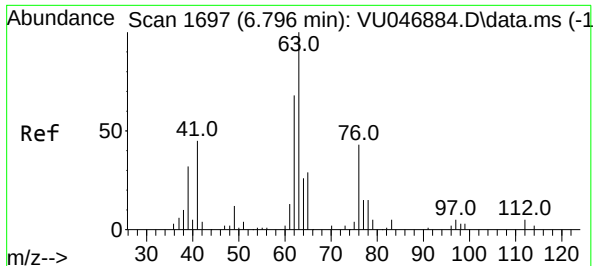
Tgt Ion: 95 Resp: 33362
Ion Ratio Lower Upper
95 100
97 61.8 46.5 86.5
132 92.2 65.1 120.9
130 95.0 67.3 124.9



#35
Methylcyclohexane
Concen: 3.506 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 83 Resp: 43880
Ion Ratio Lower Upper
83 100
55 76.4 61.9 92.9
98 48.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.034 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

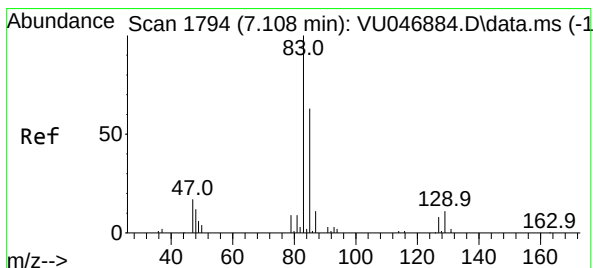
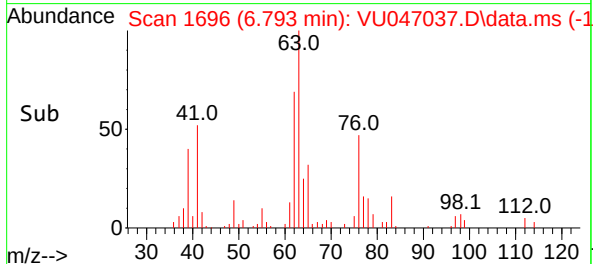
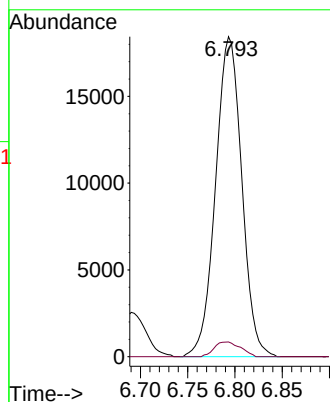
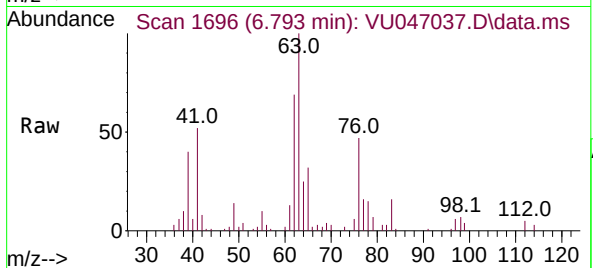
ClientSampleId :

Tgt Ion: 63 Resp: 35543

Ion Ratio Lower Upper

63 100

112 4.6 3.2 4.8



#38

Bromodichloromethane

Concen: 4.377 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

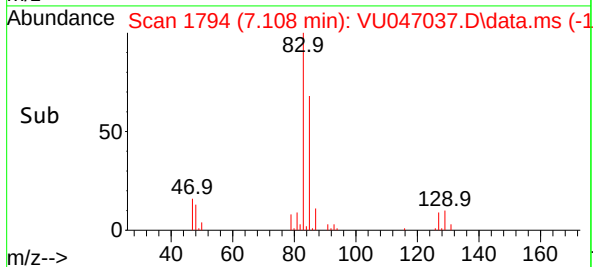
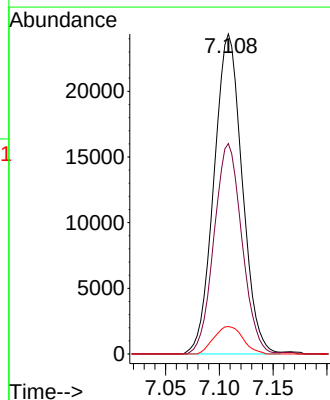
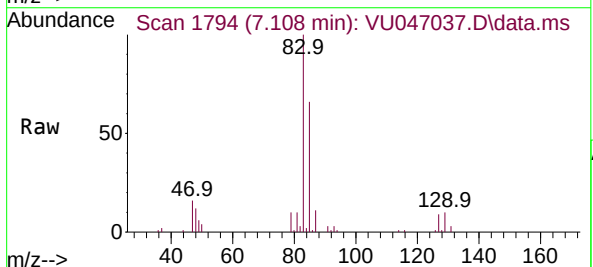
Tgt Ion: 83 Resp: 44477

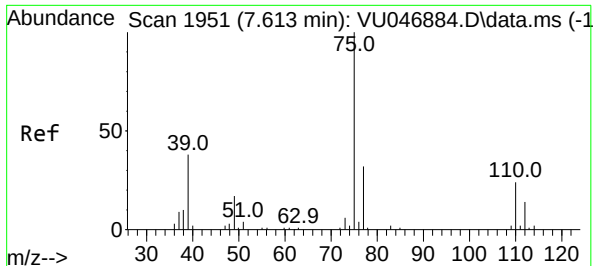
Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 3.946 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

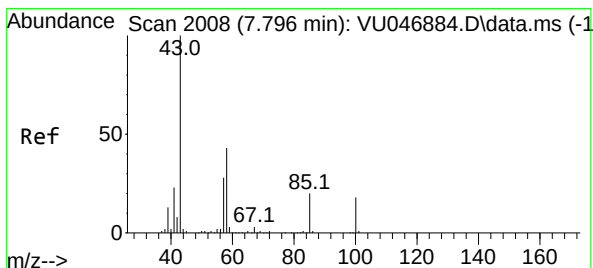
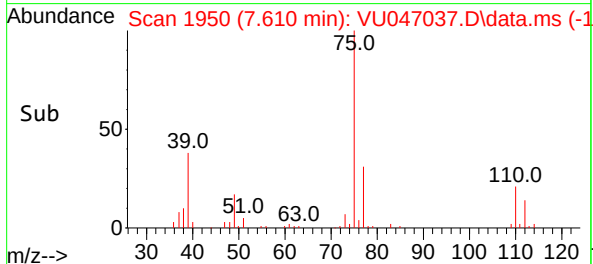
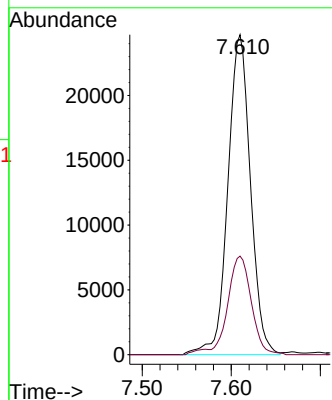
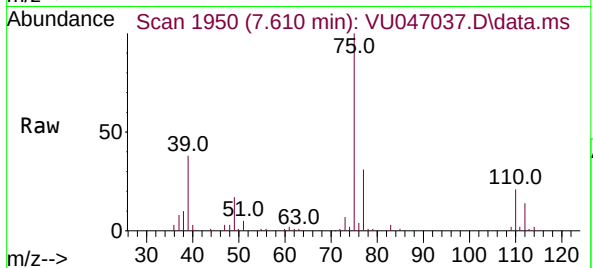
ClientSampleId :

Tgt Ion: 75 Resp: 43469

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 36.477 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

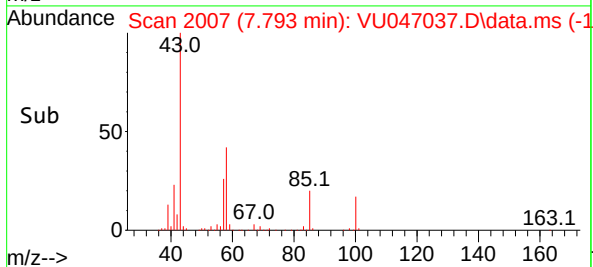
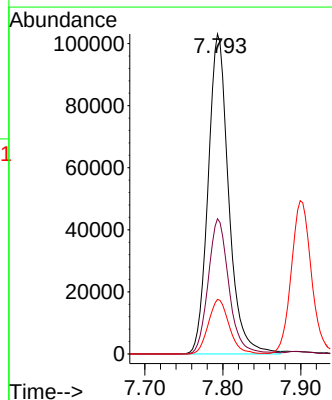
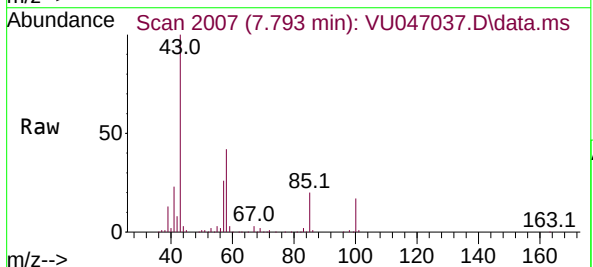
Tgt Ion: 43 Resp: 188815

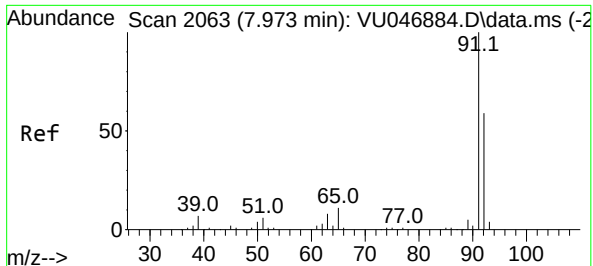
Ion Ratio Lower Upper

43 100

58 42.8 33.1 49.7

100 17.3 13.2 19.8

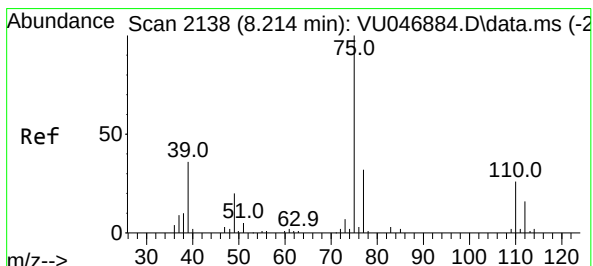
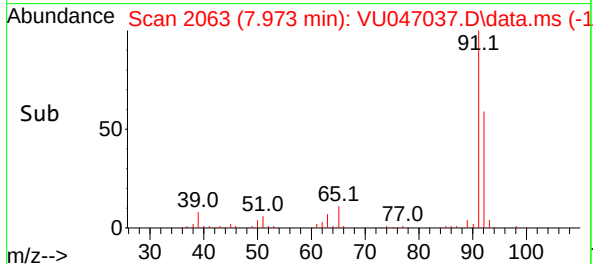
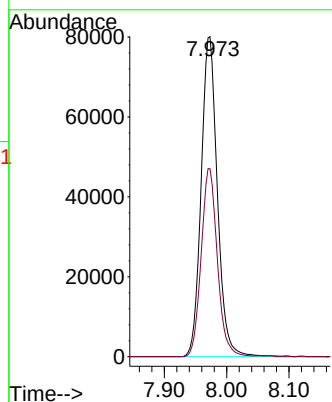
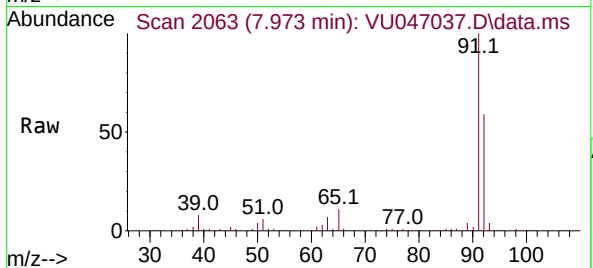




#42
Toluene
Concen: 4.211 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

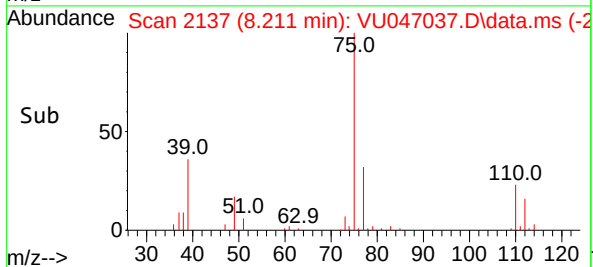
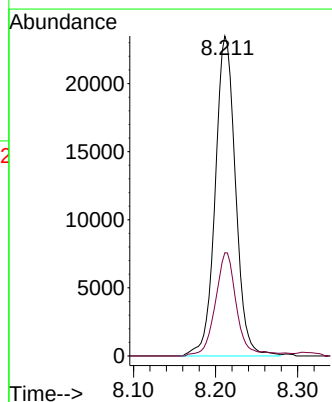
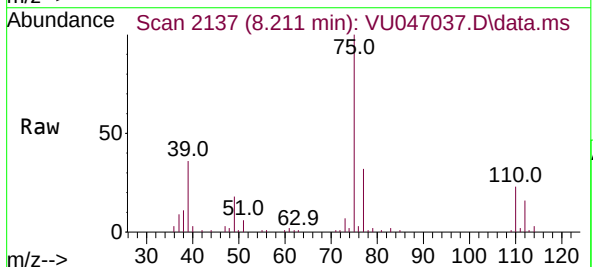
Instrument :
MSVOA_U
ClientSampleId :

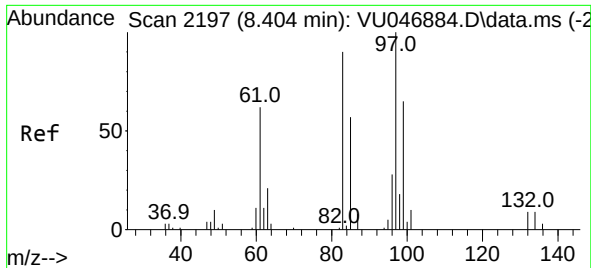
Tgt Ion: 91 Resp: 144862
Ion Ratio Lower Upper
91 100
92 58.7 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.125 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 75 Resp: 40487
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.3



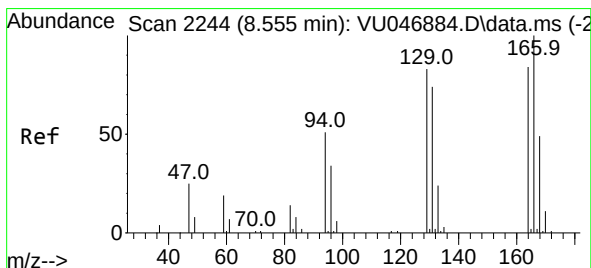
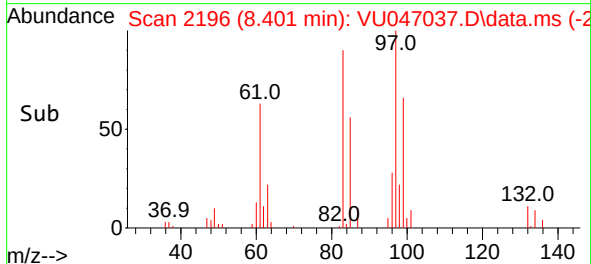
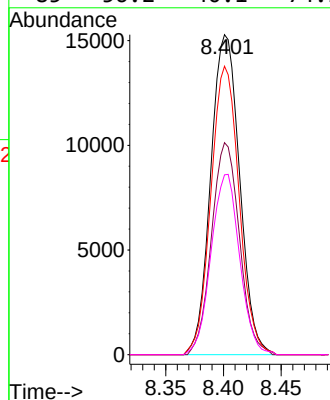
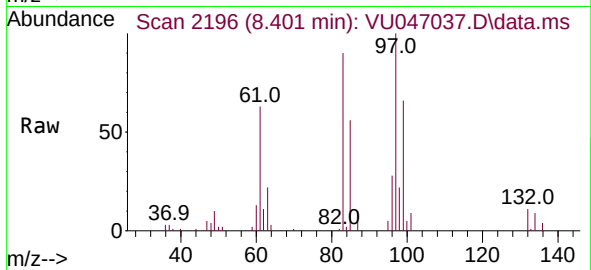


#45
1,1,2-Trichloroethane
Concen: 4.430 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 26612

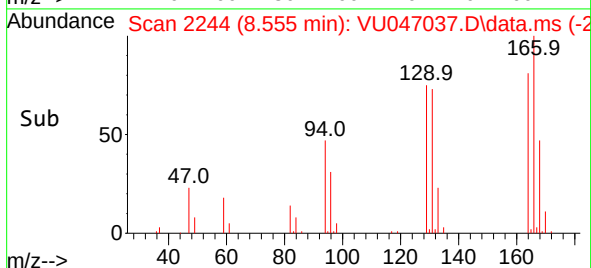
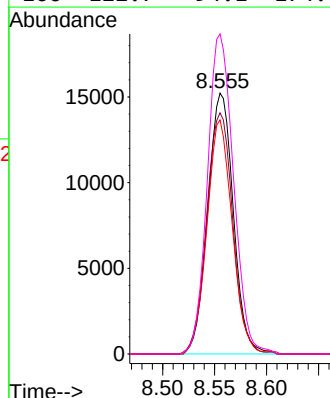
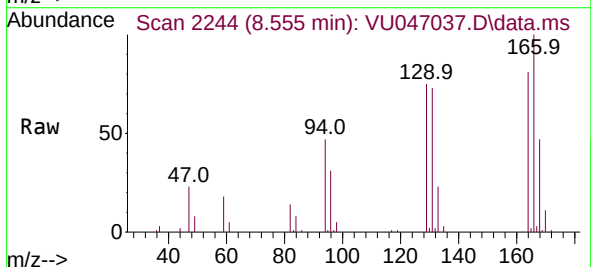
Ion	Ratio	Lower	Upper
97	100		
99	66.3	42.3	78.5
83	90.2	62.0	115.2
85	56.2	40.1	74.5

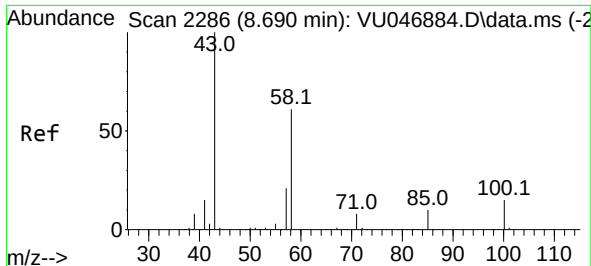


#47
Tetrachloroethene
Concen: 4.289 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 164 Resp: 26070

Ion	Ratio	Lower	Upper
164	100		
129	92.5	71.8	133.4
131	89.8	68.5	127.3
166	122.7	94.1	174.8



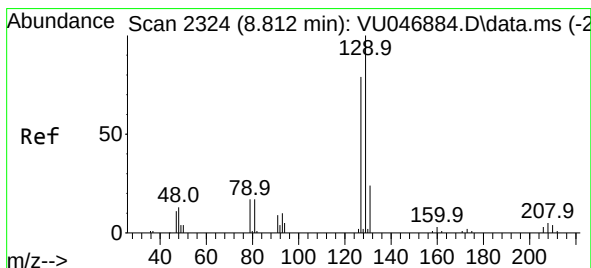
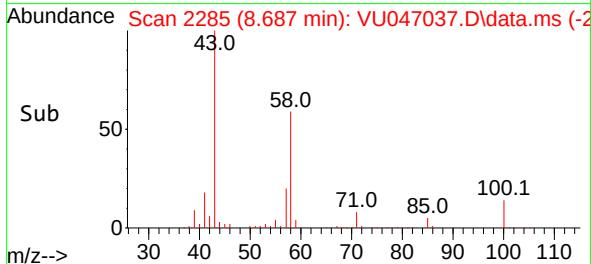
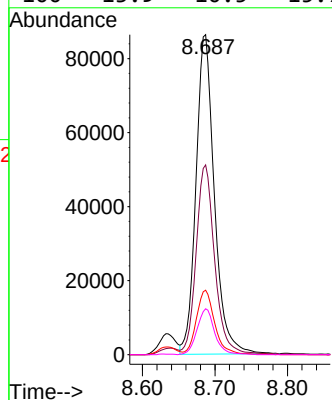
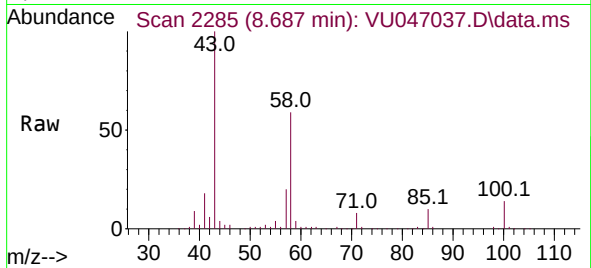


#48
2-Hexanone
Concen: 38.980 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 152299

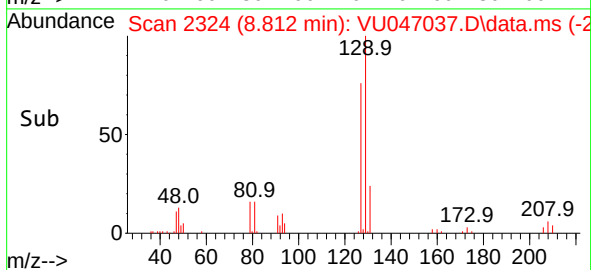
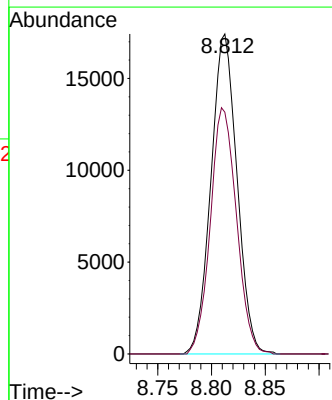
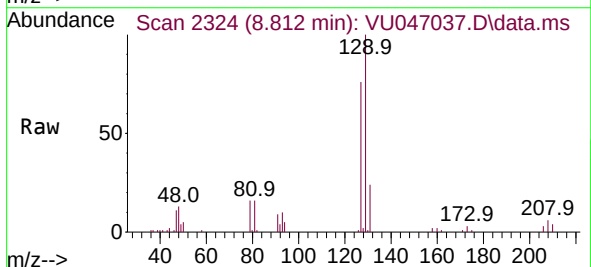
Ion	Ratio	Lower	Upper
43	100		
58	59.2	46.7	70.1
57	20.3	16.3	24.5
100	13.9	10.5	15.7

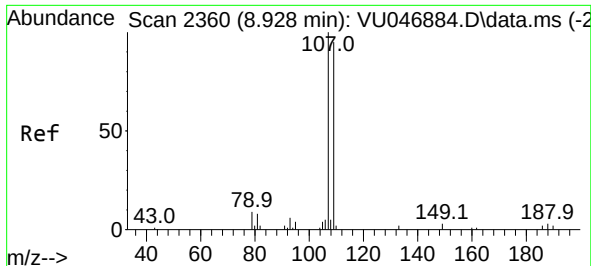


#49
Dibromochloromethane
Concen: 4.147 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 129 Resp: 29382

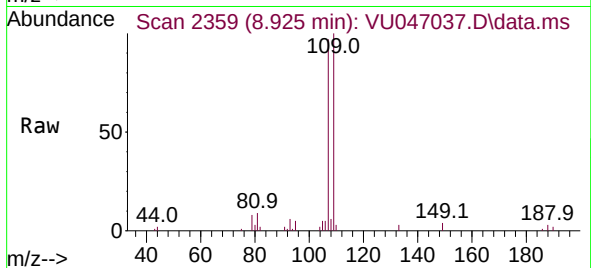
Ion	Ratio	Lower	Upper
129	100		
127	75.6	55.4	102.8



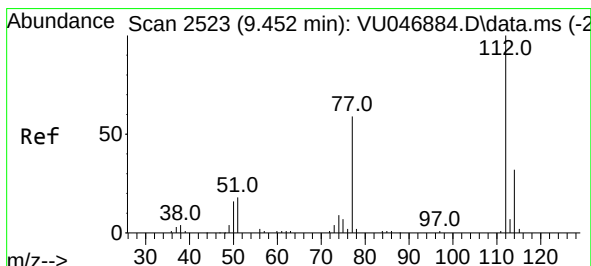
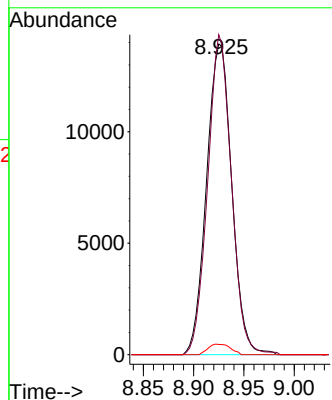
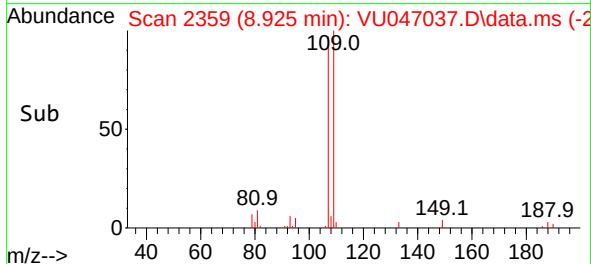


#50
1,2-Dibromoethane
Concen: 3.999 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Instrument :
MSVOA_U
ClientSampleId :

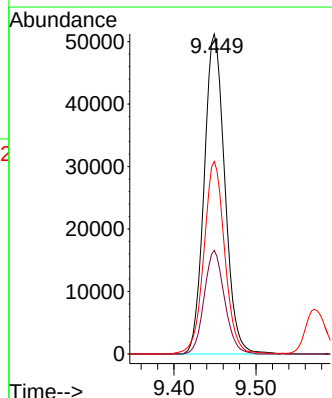
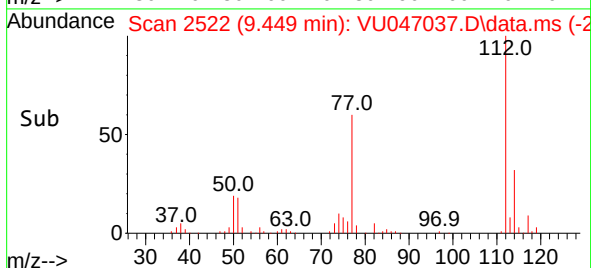
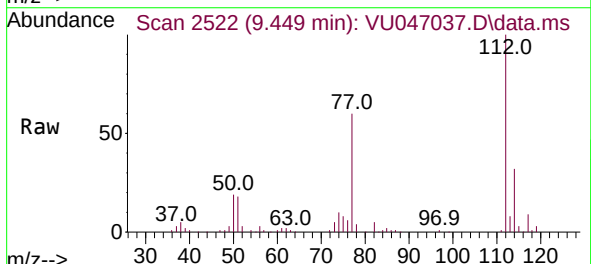


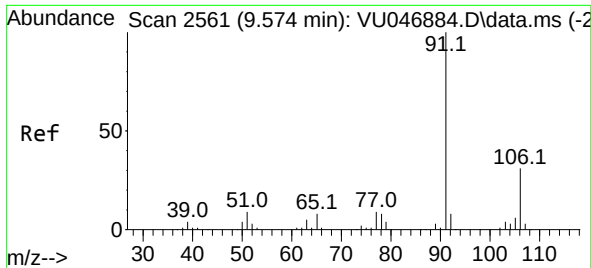
Tgt Ion:107 Resp: 24347
Ion Ratio Lower Upper
107 100
109 103.0 64.0 119.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 4.480 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:112 Resp: 89511
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 60.1 48.3 72.5

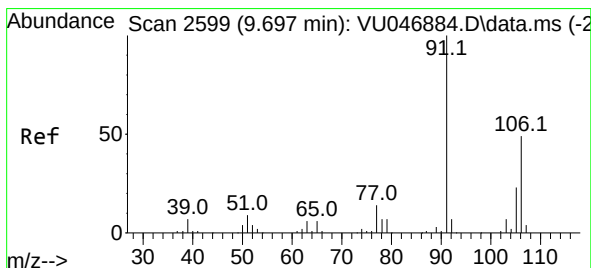
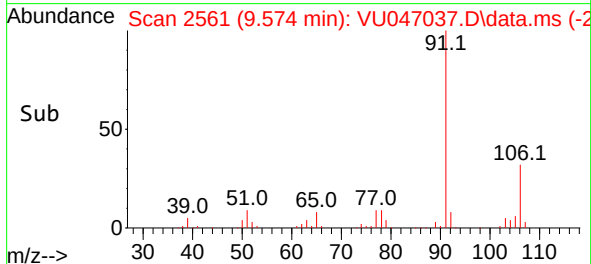
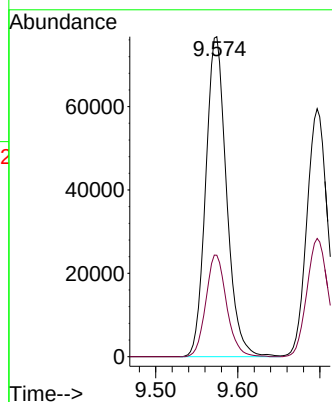
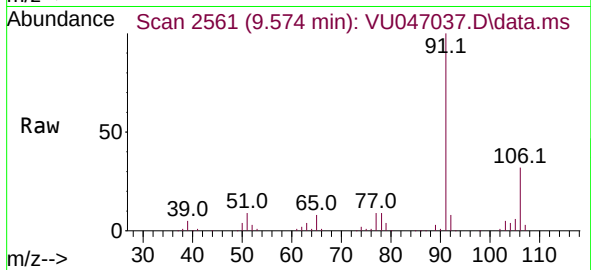




#52
Ethylbenzene
Concen: 4.139 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

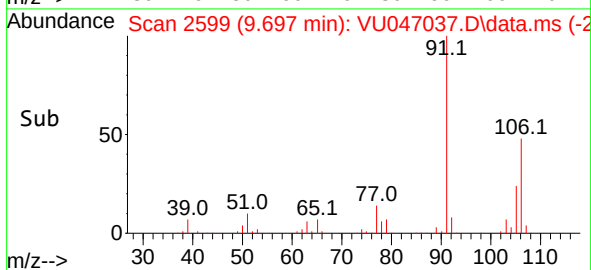
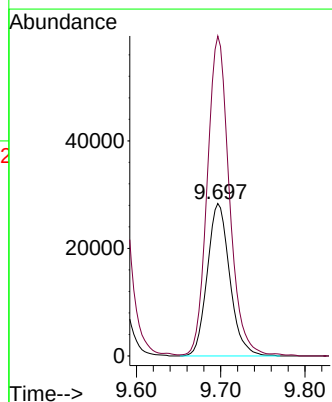
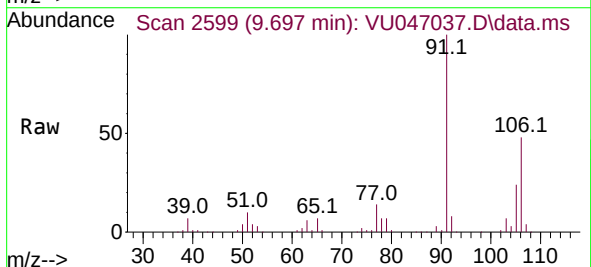
Instrument :
MSVOA_U
ClientSampleId :

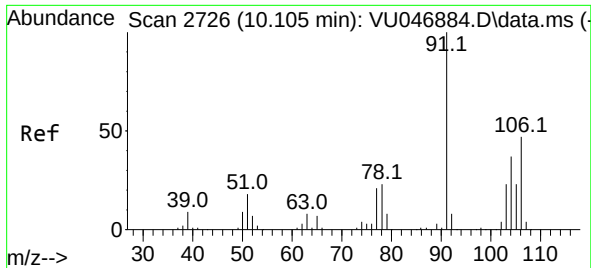
Tgt Ion: 91 Resp: 135371
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 4.033 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:106 Resp: 52581
Ion Ratio Lower Upper
106 100
91 209.8 139.4 259.0

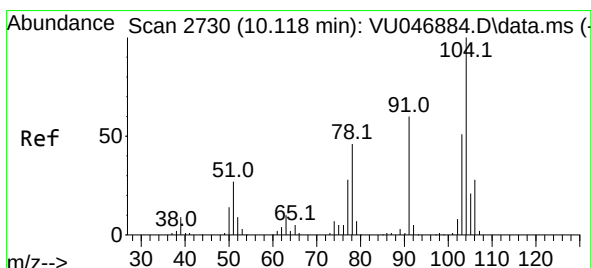
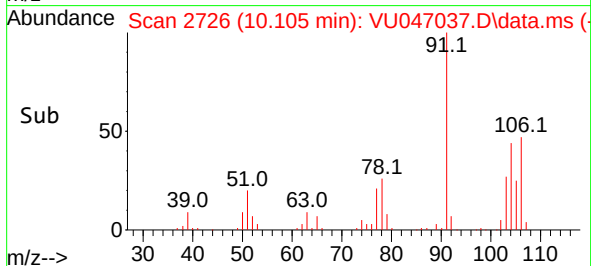
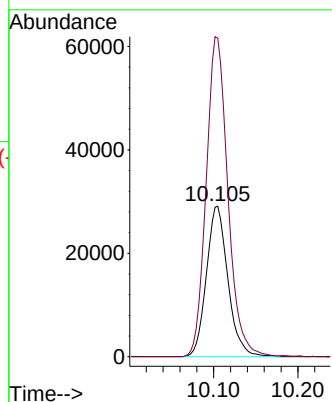
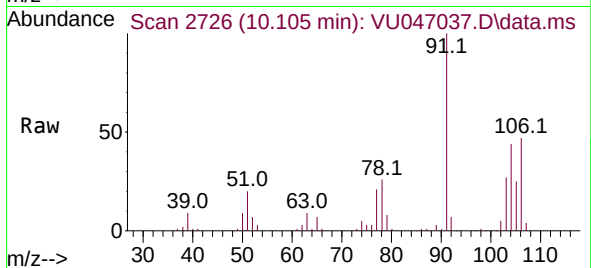




#54
o-Xylene
Concen: 4.082 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

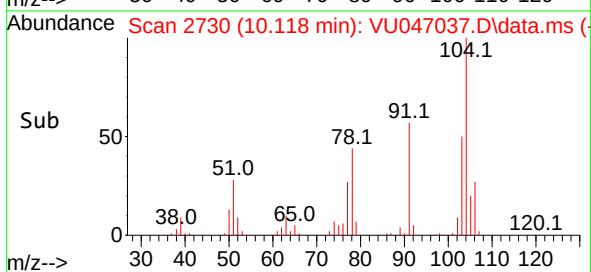
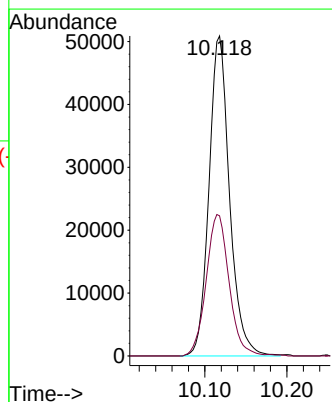
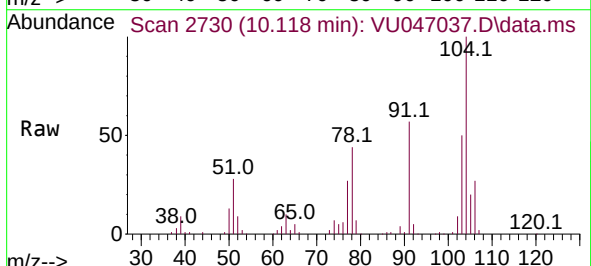
Instrument :
MSVOA_U
ClientSampleId :

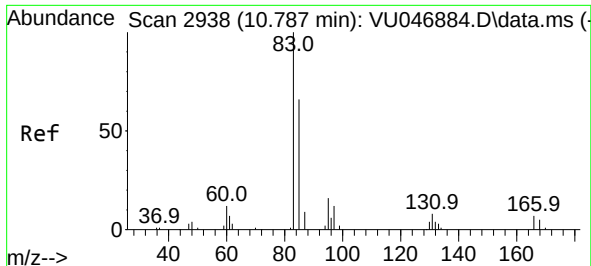
Tgt Ion:106 Resp: 51594
Ion Ratio Lower Upper
106 100
91 211.7 147.5 273.9



#55
Styrene
Concen: 4.284 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:104 Resp: 88574
Ion Ratio Lower Upper
104 100
78 43.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.204 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047037.D

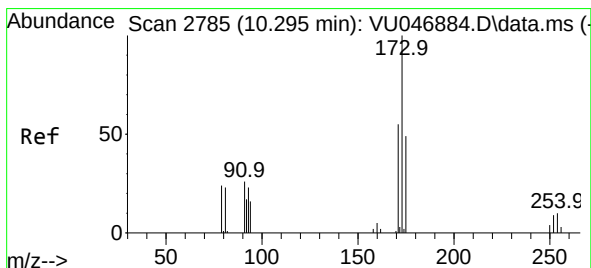
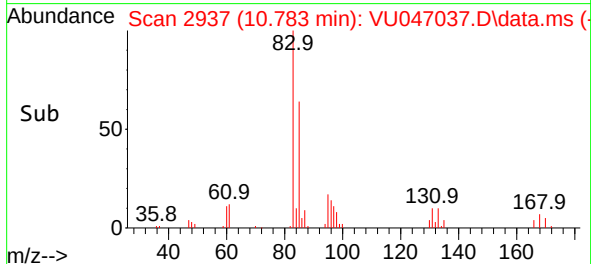
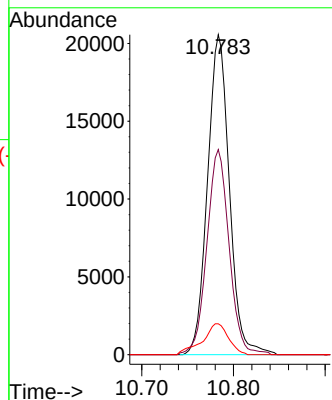
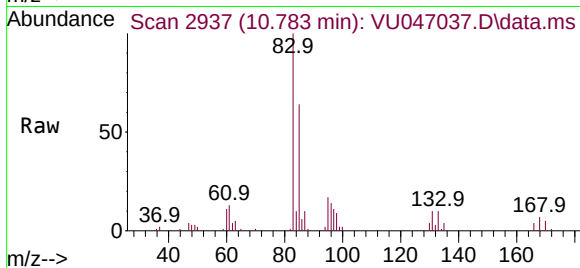
Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	33962
Ion Ratio	Lower	Upper	
83	100		
85	64.1	47.9	89.1
131	9.7	8.1	12.1



#59

Bromoform

Concen: 3.824 ug/L

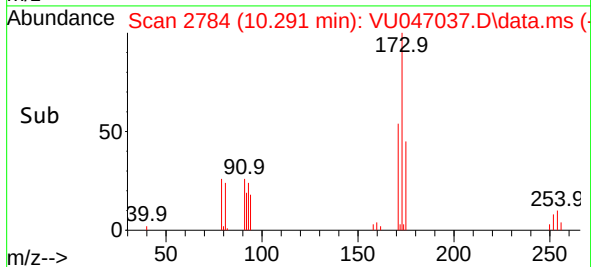
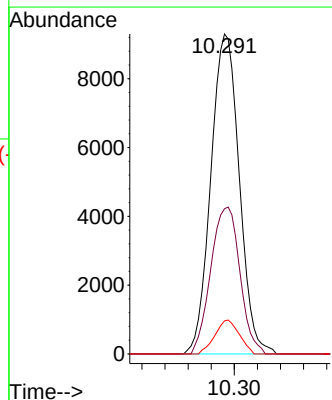
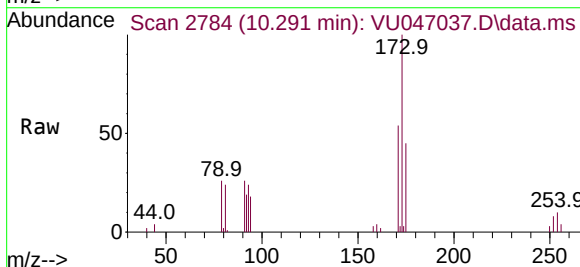
RT: 10.291 min Scan# 2784

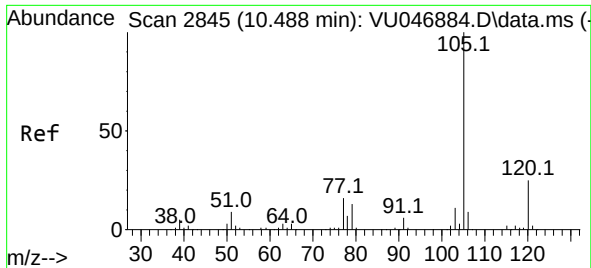
Delta R.T. -0.003 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Tgt Ion:	173	Resp:	15907
Ion Ratio	Lower	Upper	
173	100		
175	47.0	37.8	56.6
254	9.1	7.3	10.9

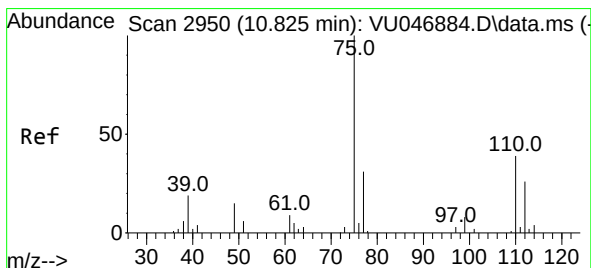
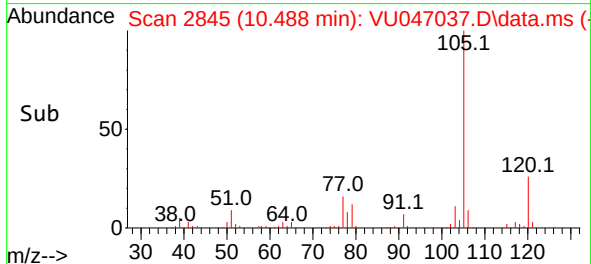
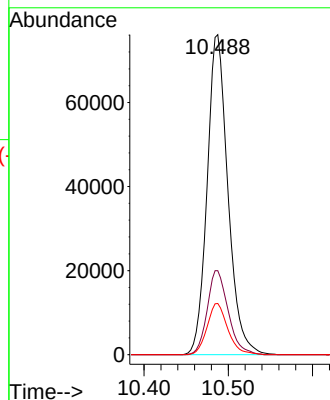
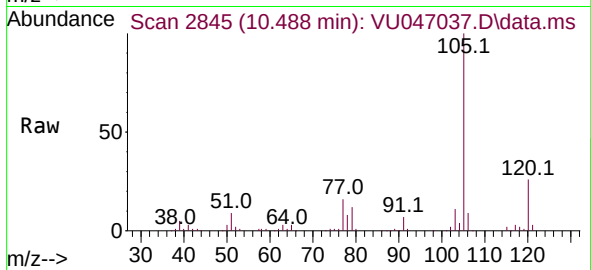




#60
Isopropylbenzene
Concen: 4.155 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

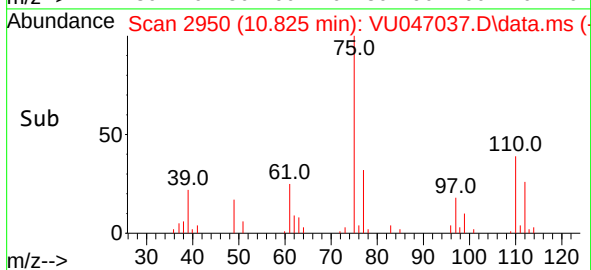
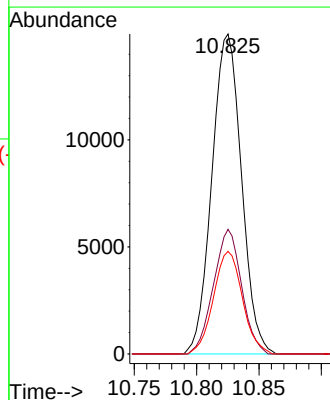
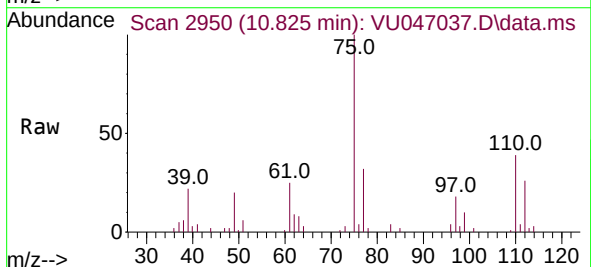
Instrument :
MSVOA_U
ClientSampleId :

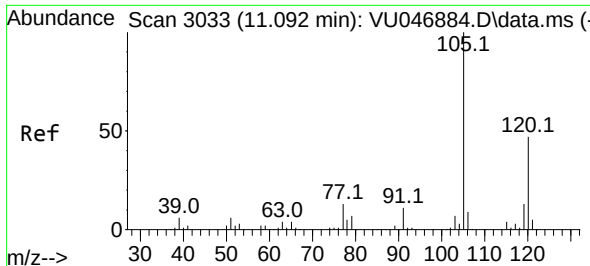
Tgt Ion:105 Resp: 130758
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.315 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion: 75 Resp: 24697
Ion Ratio Lower Upper
75 100
110 37.0 29.9 44.9
77 31.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.600 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

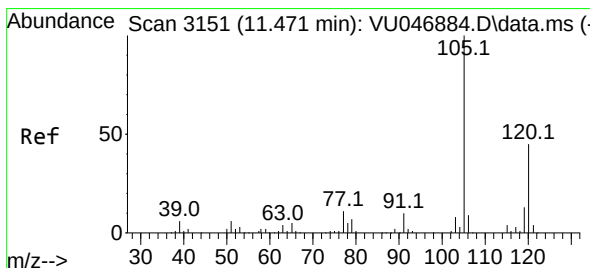
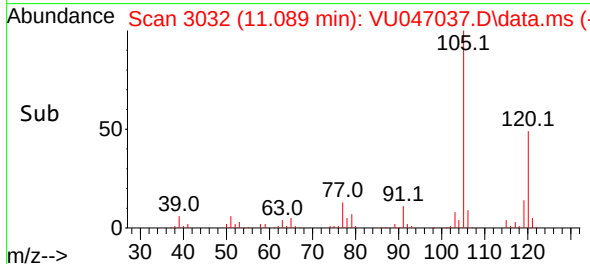
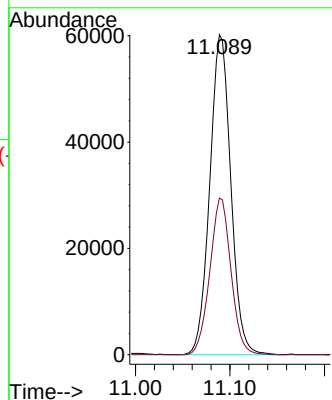
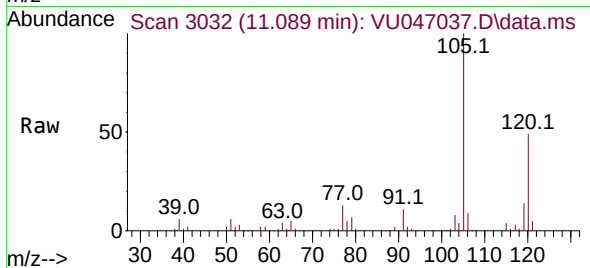
ClientSampleId :

Tgt Ion:105 Resp: 92995

Ion Ratio Lower Upper

105 100

120 49.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.619 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047037.D

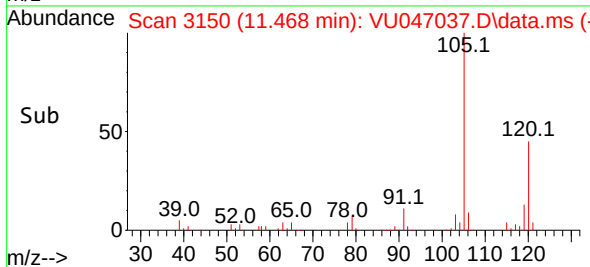
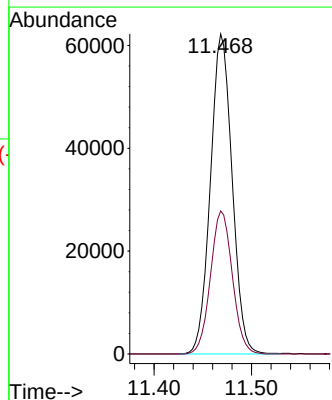
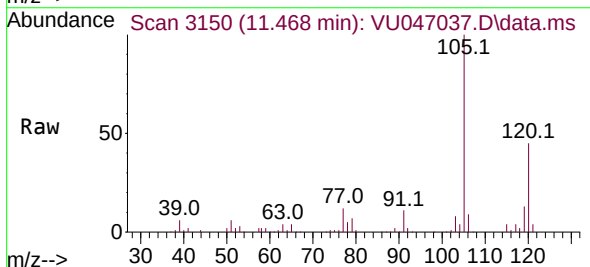
Acq: 03 Feb 2022 21:28

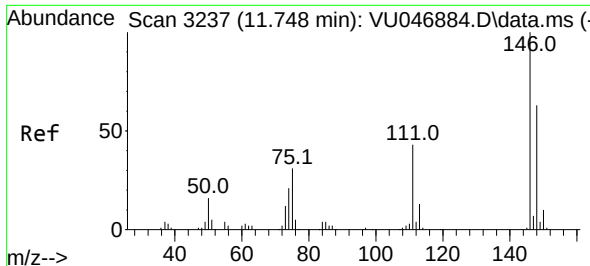
Tgt Ion:105 Resp: 96187

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

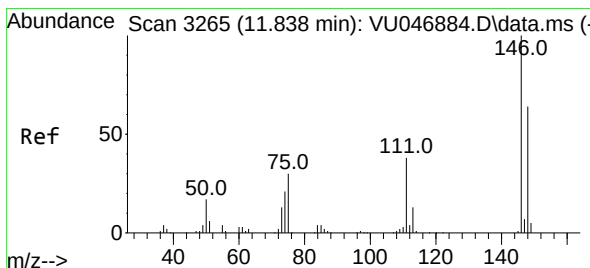
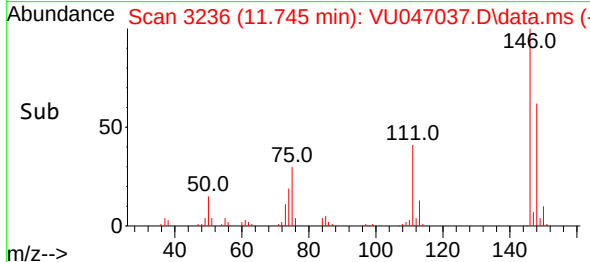
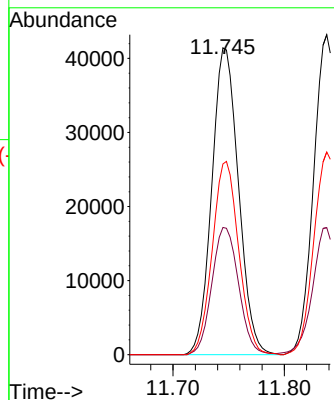
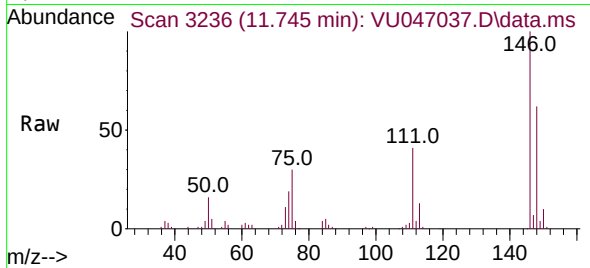




#64
1,3-Dichlorobenzene
Concen: 4.386 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

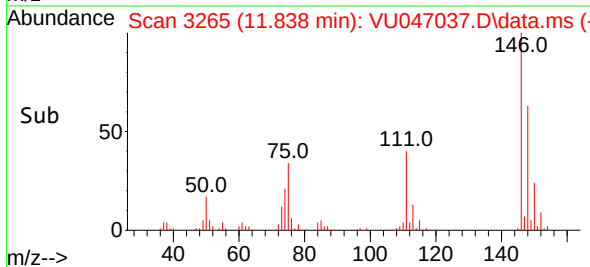
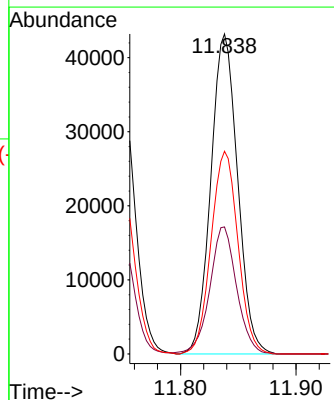
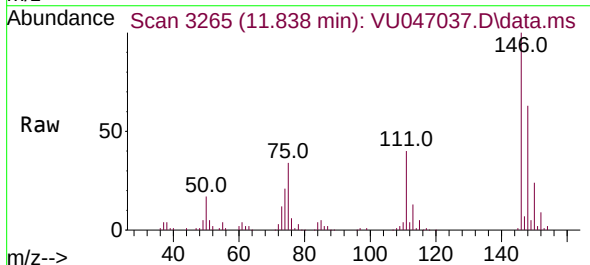
Instrument :
MSVOA_U
ClientSampleId :

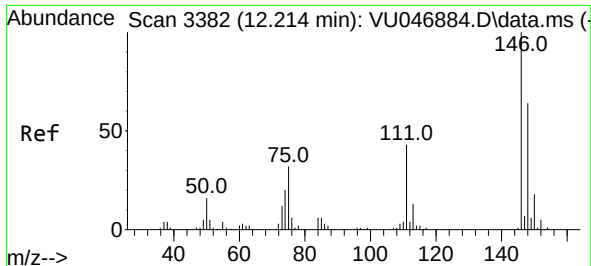
Tgt Ion:146 Resp: 68991
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 62.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.394 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:146 Resp: 69556
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 63.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.289 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

Instrument :

MSVOA_U

ClientSampleId :

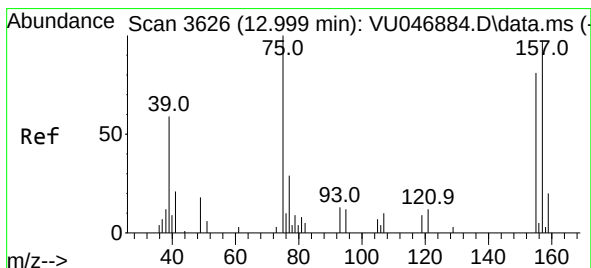
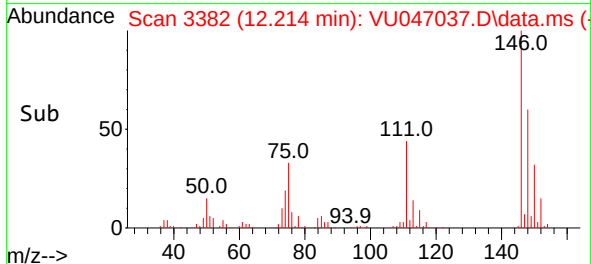
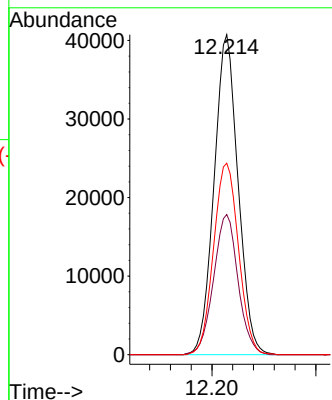
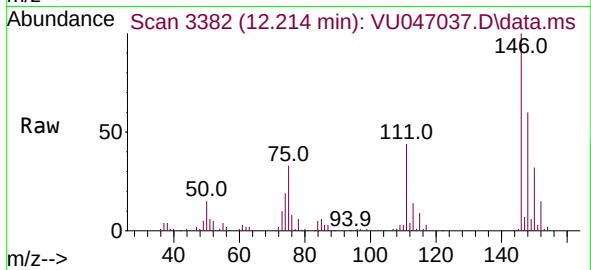
Tgt Ion:146 Resp: 65257

Ion Ratio Lower Upper

146 100

111 43.8 35.4 53.0

148 59.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.914 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU047037.D

Acq: 03 Feb 2022 21:28

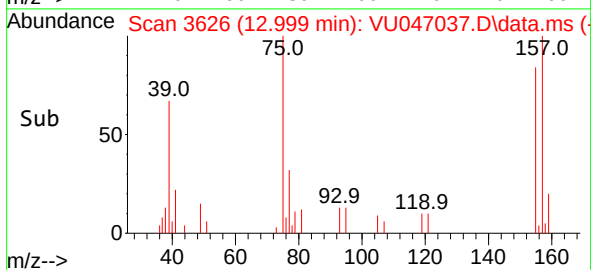
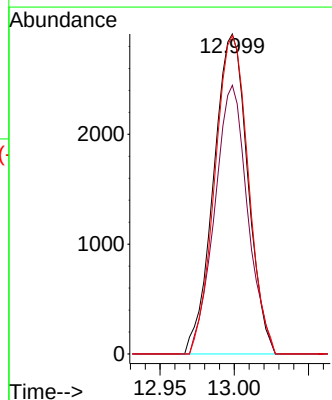
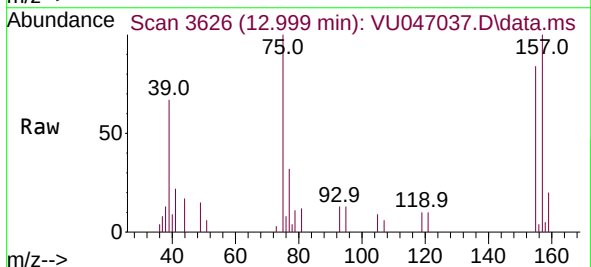
Tgt Ion: 75 Resp: 4650

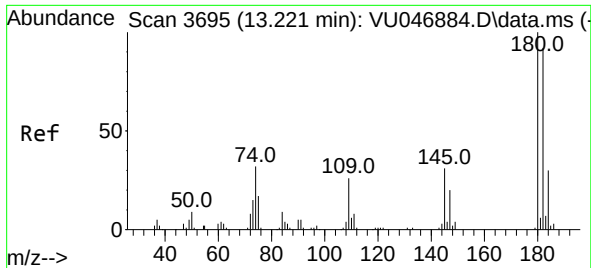
Ion Ratio Lower Upper

75 100

155 84.0 59.2 88.8

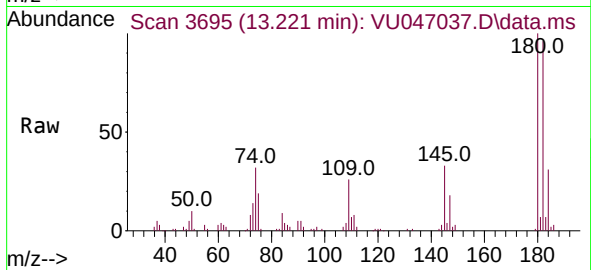
157 99.6 76.5 114.7





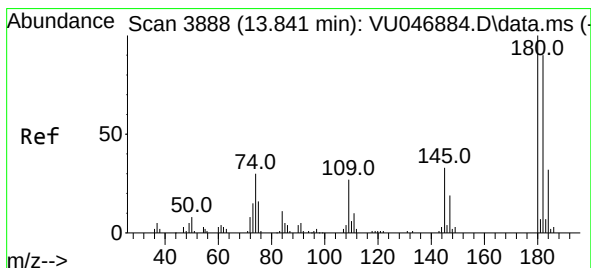
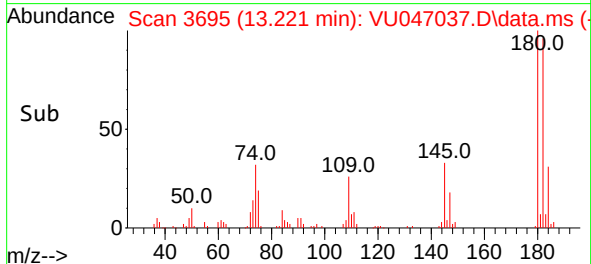
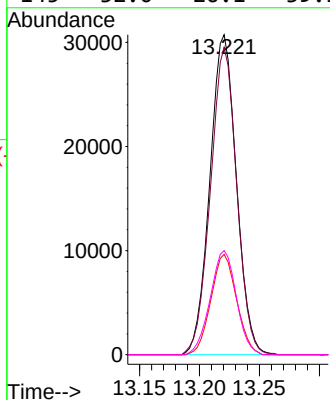
#69
 1,3,5-Trichlorobenzene
 Concen: 3.803 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 47166

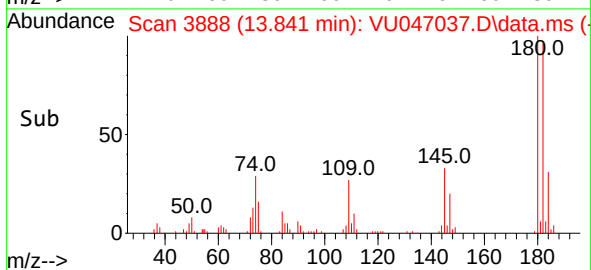
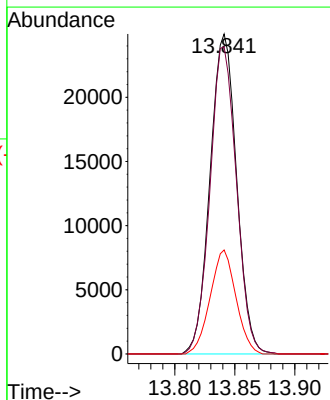
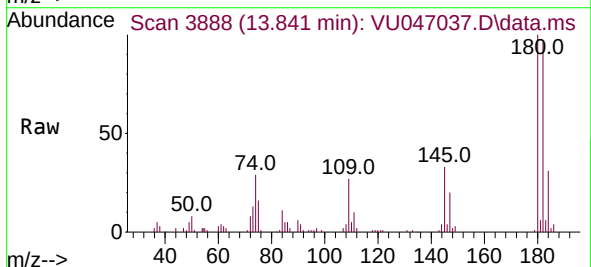
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
184	30.4	25.0	37.4
145	32.0	26.1	39.1

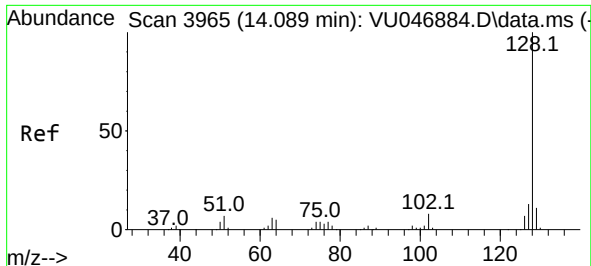


#70
 1,2,4-trichlorobenzene
 Concen: 3.690 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047037.D
 Acq: 03 Feb 2022 21:28

Tgt Ion:180 Resp: 38254

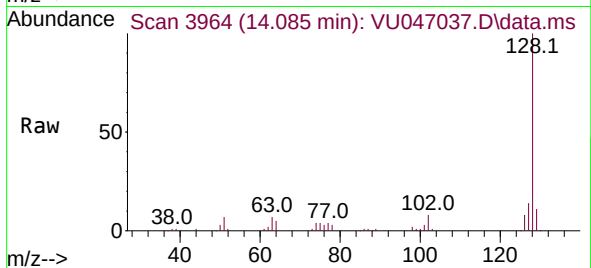
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	31.7	25.6	38.4



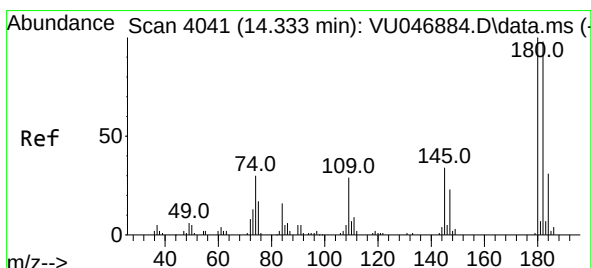
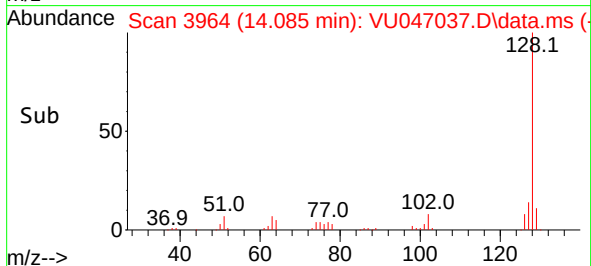
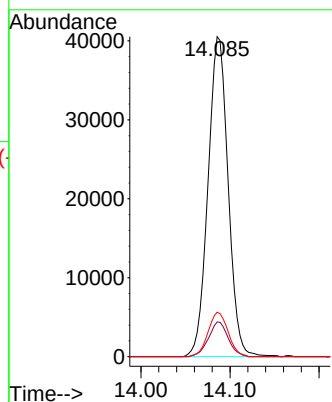


#71
Naphthalene
Concen: 3.013 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 63603
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.903 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047037.D
Acq: 03 Feb 2022 21:28

Tgt Ion:180 Resp: 38228
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 33.0 28.4 42.6

