

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047077.D
 Acq On : 10 Feb 2022 16:10
 Operator : SY/MD
 Sample : VSTD20047
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 10 16:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 16:03:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	504015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	475594	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	271381	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	913978	205.38	ug/L	0.00
7) Chloroethane-d5	1.909	69	685478	206.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	1511121	201.47	ug/L	0.00
21) 2-Butanone-d5	4.620	46	1427142	431.63	ug/L	0.00
24) Chloroform-d	5.067	84	1479286	190.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	941755	191.58	ug/L	0.00
32) Benzene-d6	5.732	84	3117223	207.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	1012783	217.10	ug/L	0.00
41) Toluene-d8	7.899	98	2946901	217.38	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	542111	238.10	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	1286497	520.40	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1594486	223.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	1261261	218.21	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	903247	196.36	ug/L	99
3) Chloromethane	1.527	50	881086	210.41	ug/L	100
5) Vinyl chloride	1.607	62	903536	209.96	ug/L	100
6) Bromomethane	1.848	94	558108	206.50	ug/L	98
8) Chloroethane	1.932	64	524202	201.38	ug/L	96
9) Trichlorofluoromethane	2.141	101	1023009	167.66	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	632316	181.88	ug/L	97
12) 1,1-Dichloroethene	2.584	96	623546	188.91	ug/L	91
13) Acetone	2.623	43	818579	277.30	ug/L	96
14) Carbon disulfide	2.800	76	1996435	201.02	ug/L	99
15) Methyl Acetate	2.945	43	854214	217.05	ug/L	94
16) Methylene chloride	3.051	84	705078	174.85	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	664247	192.45	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	2230972	213.69	ug/L	96
19) 1,1-Dichloroethane	3.874	63	1243588	196.75	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	737690	198.88	ug/L #	93
22) 2-Butanone	4.700	43	1276908	369.23	ug/L	95
23) Bromochloromethane	4.980	128	386624	195.60	ug/L	97
25) Chloroform	5.092	83	1211876	178.84	ug/L	99
27) 1,2-Dichloroethane	5.796	62	959571	183.99	ug/L	100
29) Cyclohexane	5.395	56	1194828	232.57	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	1070396	187.45	ug/L	99
31) Carbon tetrachloride	5.530	117	930185	187.41	ug/L	99
33) Benzene	5.777	78	2804756	199.71	ug/L	100
34) Trichloroethene	6.546	95	721598	194.96	ug/L	98
35) Methylcyclohexane	6.768	83	1241443	215.15	ug/L	96
37) 1,2-Dichloropropane	6.793	63	755008	208.38	ug/L	98
38) Bromodichloromethane	7.108	83	967775	196.60	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	1266571	224.28	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	2458926	481.96	ug/L	95
42) Toluene	7.970	91	3077159	207.30	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1230687	224.73	ug/L	98

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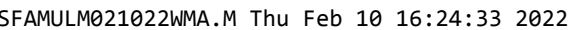
Instrument :
 MSVOA_U
 ClientSampleId :

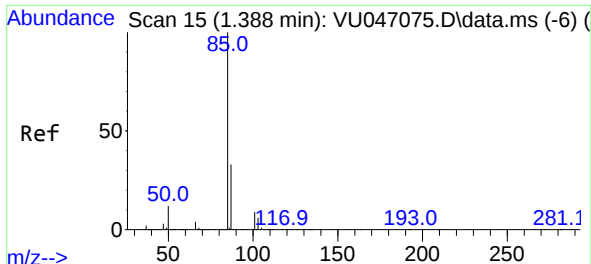
Quant Time: Feb 10 16:24:21 2022
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 16:03:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	713777	195.18	ug/L	96
46) Tetrachloroethene	8.555	164	577134	203.77	ug/L	97
48) 2-Hexanone	8.684	43	2002507	467.41	ug/L	95
49) Dibromochloromethane	8.812	129	828397	203.57	ug/L	100
50) 1,2-Dibromoethane	8.925	107	800568	208.30	ug/L	99
51) Chlorobenzene	9.449	112	1988941	205.07	ug/L	99
52) Ethylbenzene	9.571	91	3423243	215.80	ug/L	100
53) m,p-Xylene	9.697	106	1357561	220.84	ug/L	96
54) o-xylene	10.102	106	1336228	226.69	ug/L	98
55) Styrene	10.118	104	2340946	227.89	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	1358394	211.95	ug/L	99
59) Bromoform	10.291	173	703262	210.26	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	1084948	191.86	ug/L	96
61) Isopropylbenzene	10.488	105	3462849	208.38	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	2522842	188.07	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	3100622	222.94	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	1683301	202.66	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	1693875	196.62	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	1679011	201.73	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	357128	209.85	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	1323668	207.16	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	1256170	226.83	ug/L	99
71) Naphthalene	14.086	128	4367306	241.13	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	1228749	221.06	ug/L	98

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

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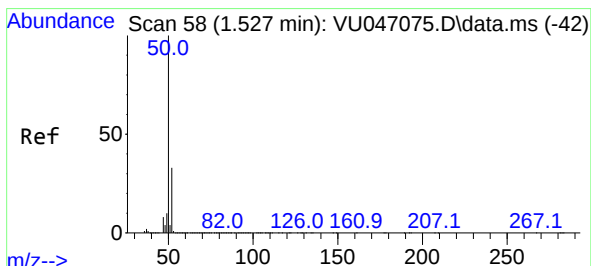
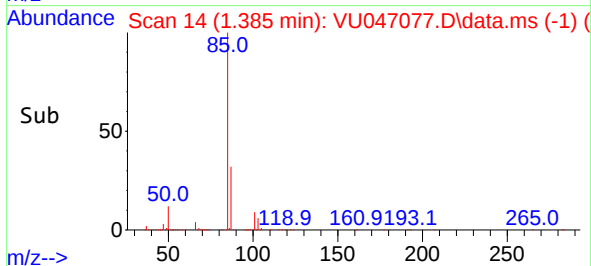
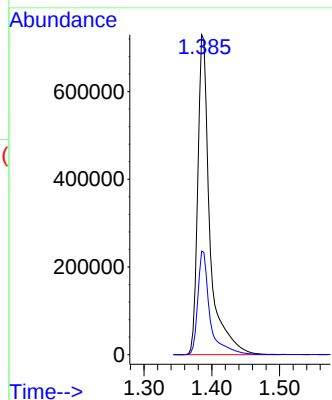
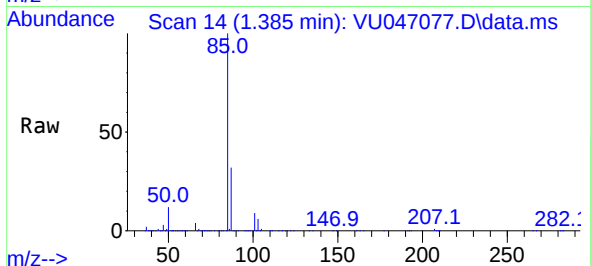




#2
Dichlorodifluoromethane
Concen: 196.36 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

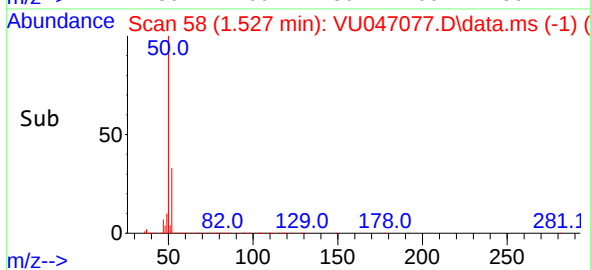
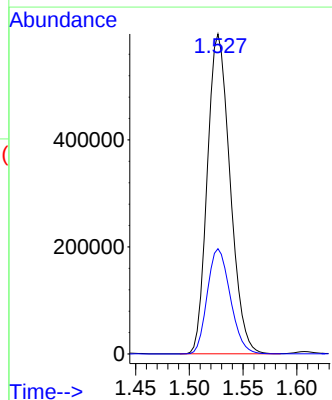
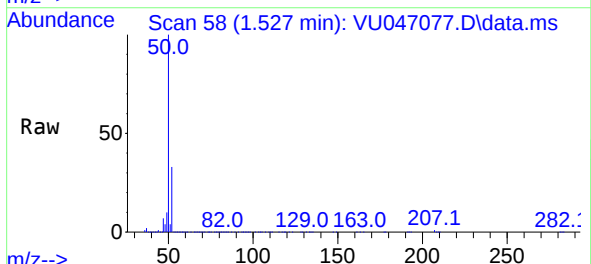
Instrument :
MSVOA_U
ClientSampleId :

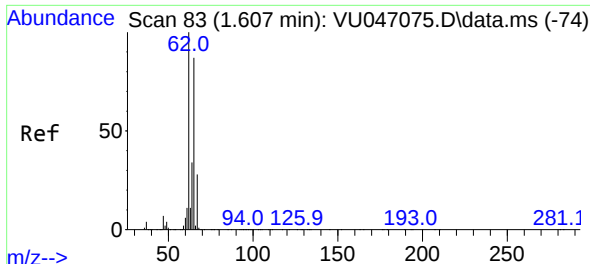
Tgt Ion: 85 Resp: 903247
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 210.41 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

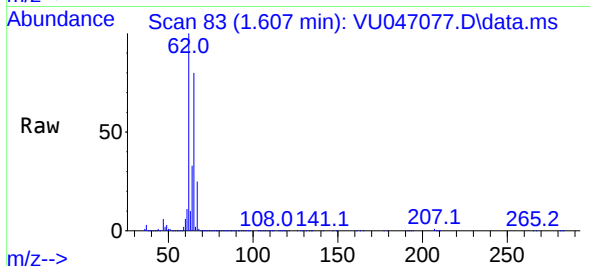
Tgt Ion: 50 Resp: 881086
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2



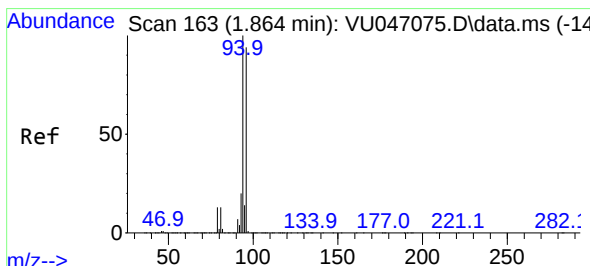
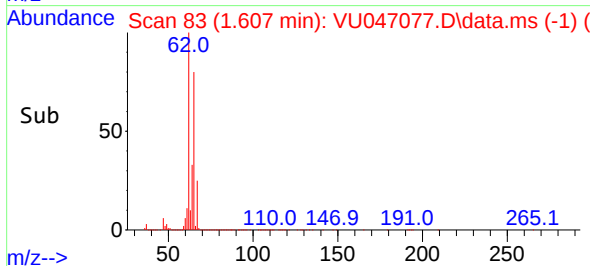
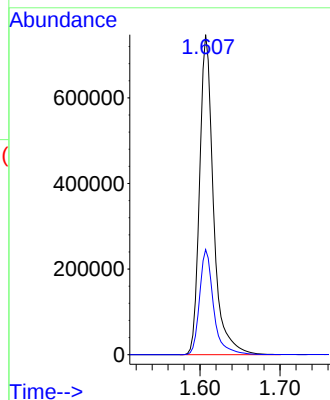


#5
 Vinyl chloride
 Concen: 209.96 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047077.D
 Acq: 10 Feb 2022 16:10

Instrument :
 MSVOA_U
 ClientSampleId :

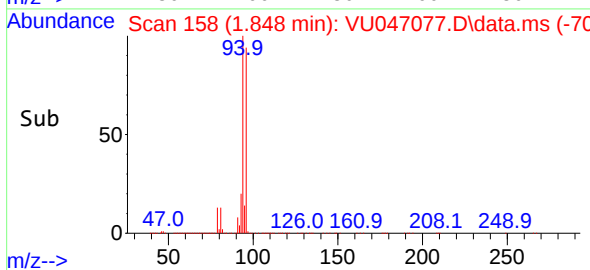
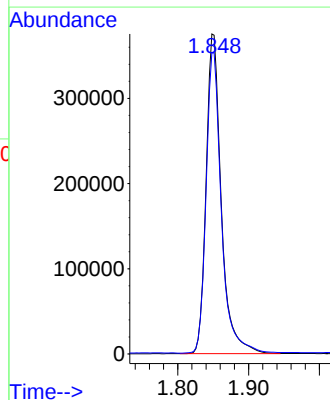
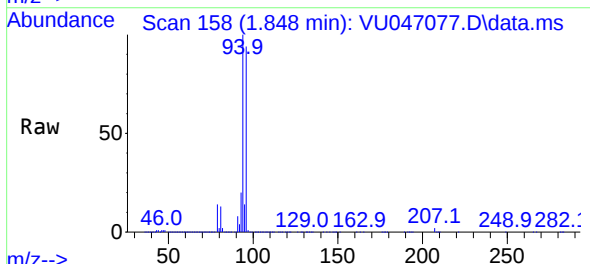


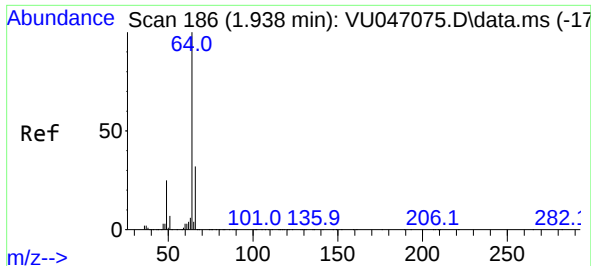
Tgt Ion: 62 Resp: 903536
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 206.50 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.016 min
 Lab File: VU047077.D
 Acq: 10 Feb 2022 16:10

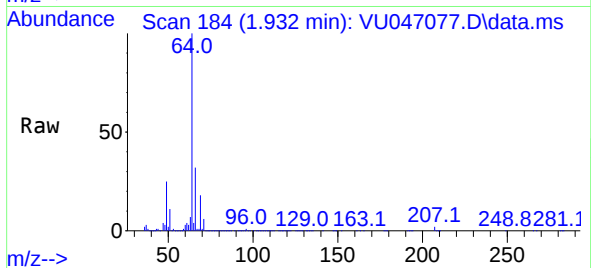
Tgt Ion: 94 Resp: 558108
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.4 119.6



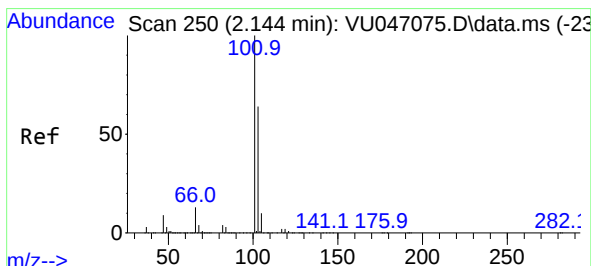
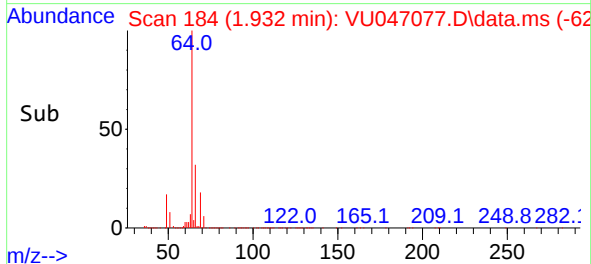
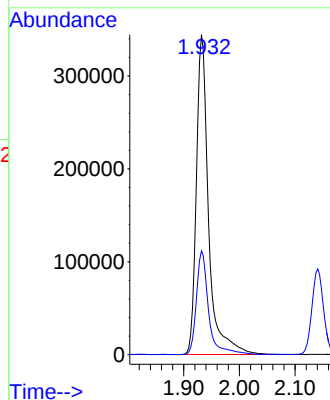


#8
Chloroethane
Concen: 201.38 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

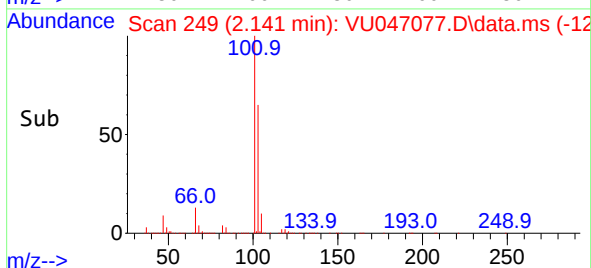
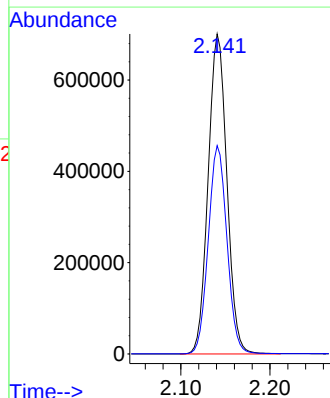
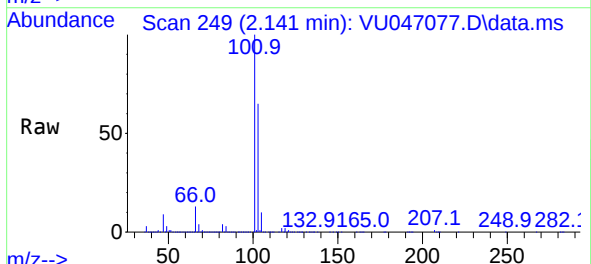


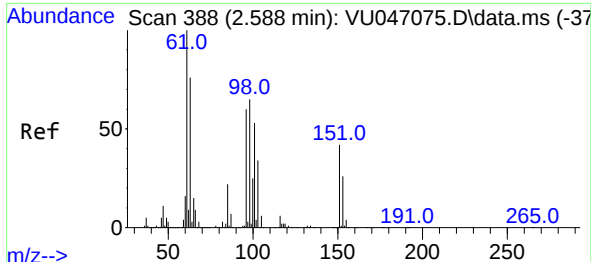
Tgt Ion: 64 Resp: 524202
Ion Ratio Lower Upper
64 100
66 32.4 24.4 45.2



#9
Trichlorofluoromethane
Concen: 167.66 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 101 Resp: 1023009
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 181.88 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047077.D

Acq: 10 Feb 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :

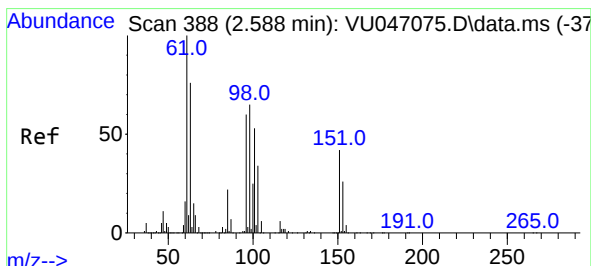
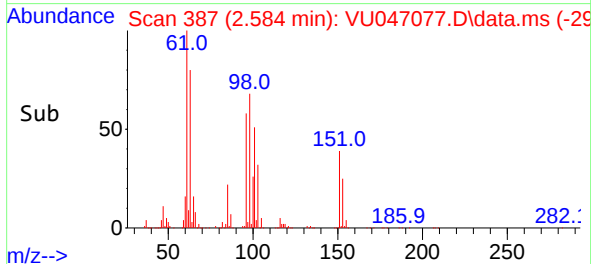
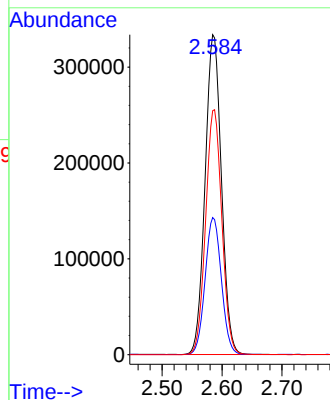
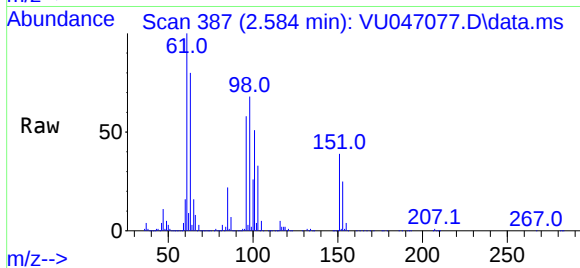
Tgt Ion:101 Resp: 632316

Ion Ratio Lower Upper

101 100

85 42.7 34.9 52.3

151 76.3 58.3 87.5



#12

1,1-Dichloroethene

Concen: 188.91 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047077.D

Acq: 10 Feb 2022 16:10

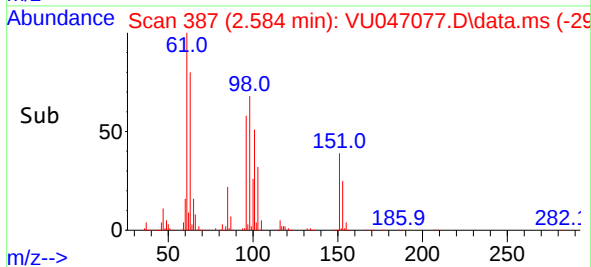
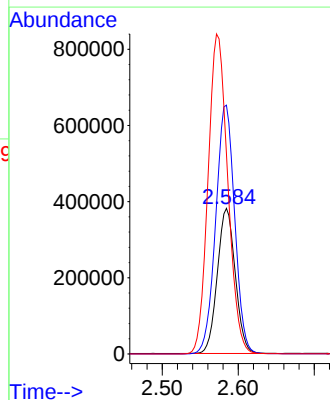
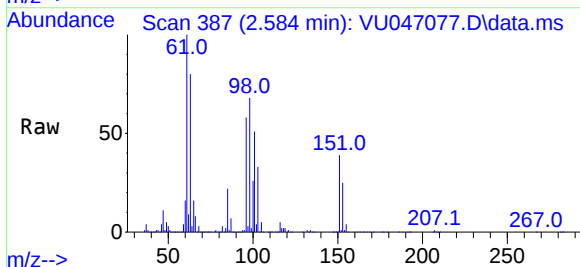
Tgt Ion: 96 Resp: 623546

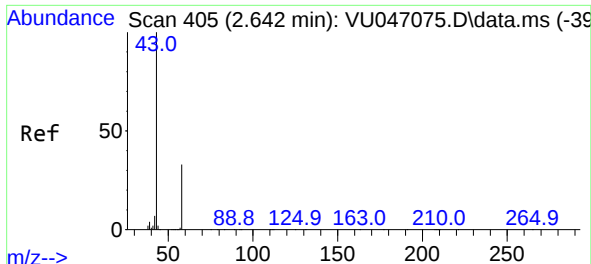
Ion Ratio Lower Upper

96 100

61 171.0 114.9 213.3

63 137.6 86.0 159.8

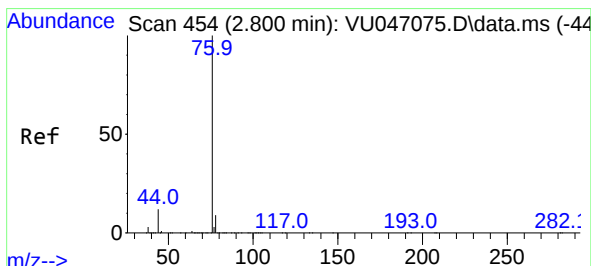
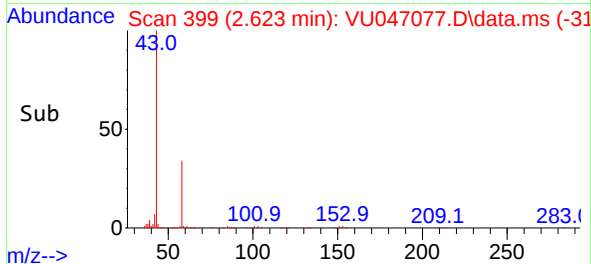
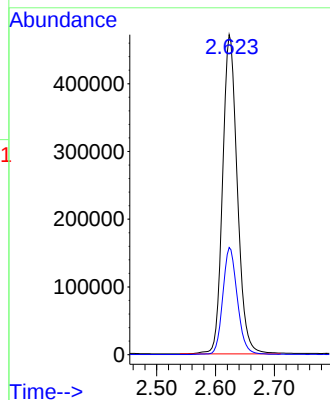
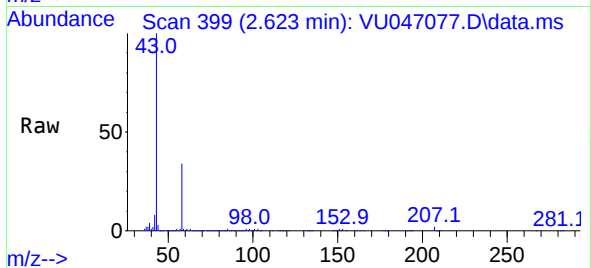




#13
Acetone
Concen: 277.30 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.019 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

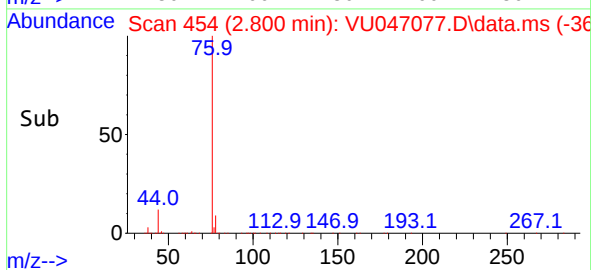
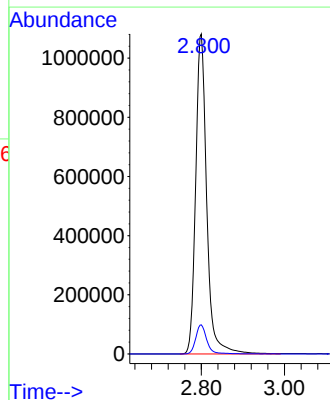
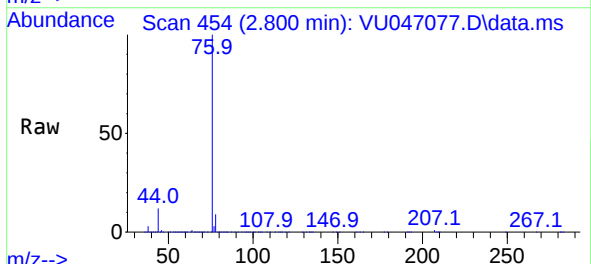
Instrument :
MSVOA_U
ClientSampleId :

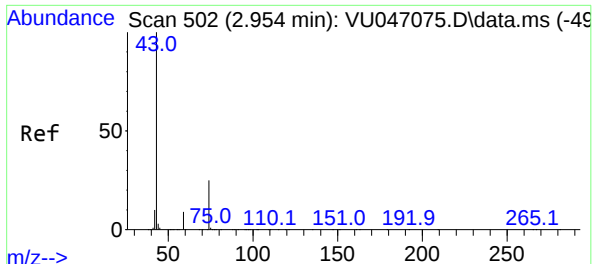
Tgt Ion: 43 Resp: 818579
Ion Ratio Lower Upper
43 100
58 33.3 0.0 71.0



#14
Carbon disulfide
Concen: 201.02 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 76 Resp: 1996435
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

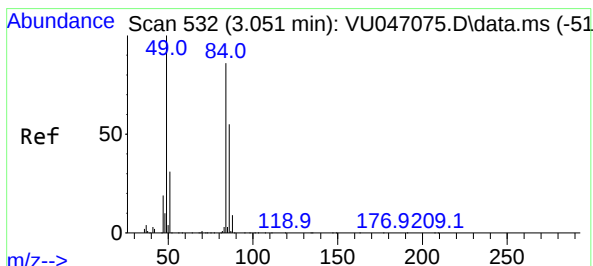
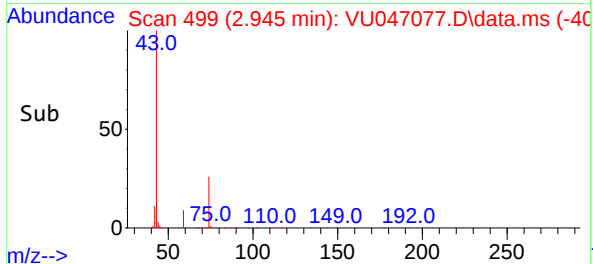
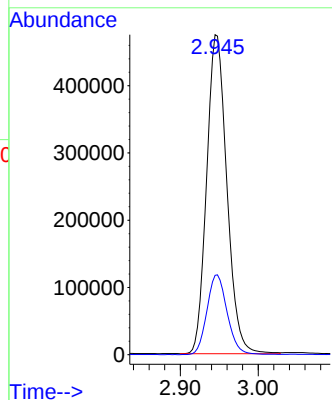
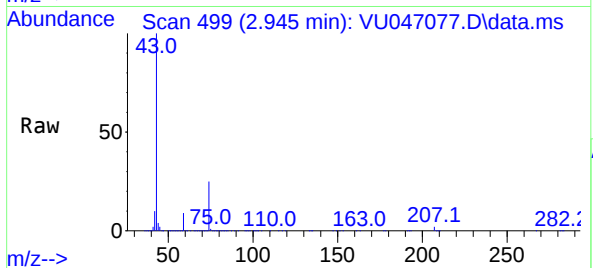




#15
Methyl Acetate
Concen: 217.05 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.010 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

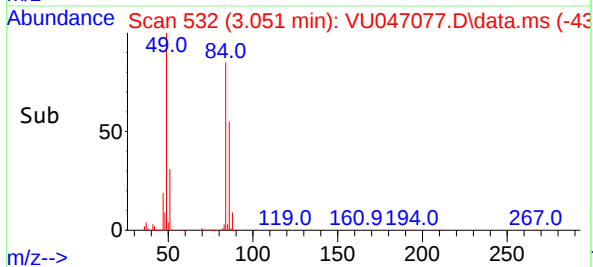
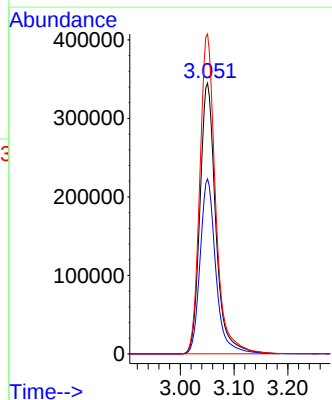
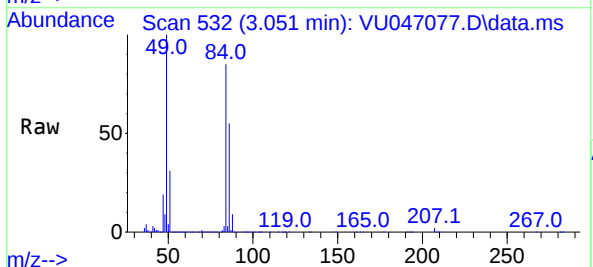
Instrument :
MSVOA_U
ClientSampleId :

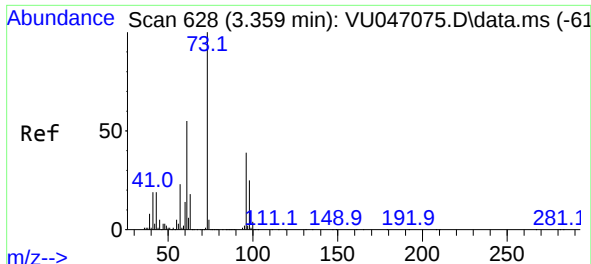
Tgt Ion: 43 Resp: 854214
Ion Ratio Lower Upper
43 100
74 25.0 22.3 33.5



#16
Methylene chloride
Concen: 174.85 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

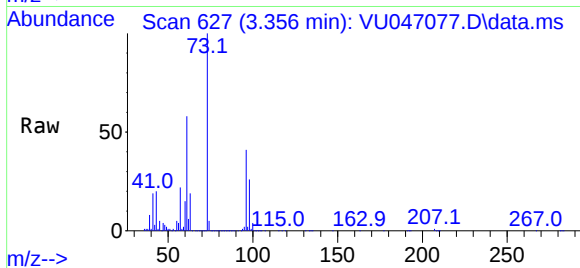
Tgt Ion: 84 Resp: 705078
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 118.1 75.9 141.1



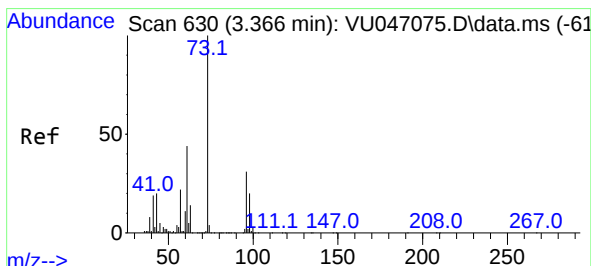
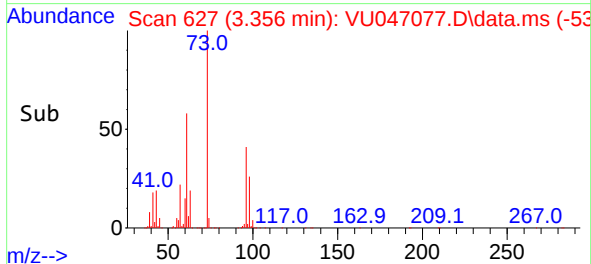
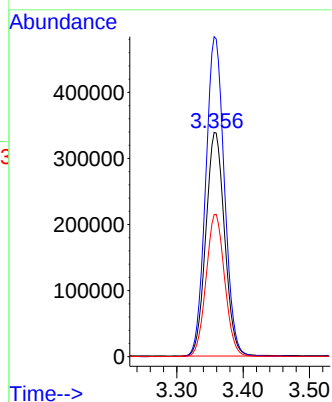


#17
trans-1,2-Dichloroethene
Concen: 192.45 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

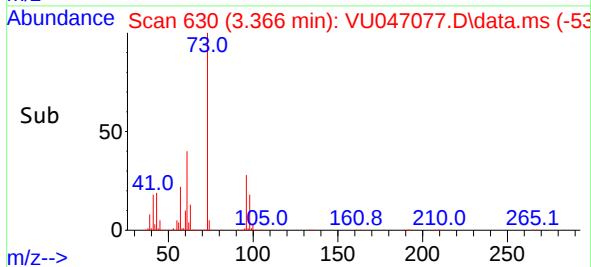
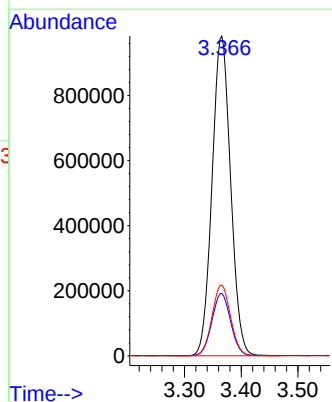
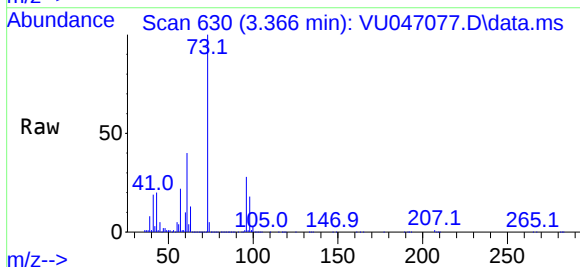


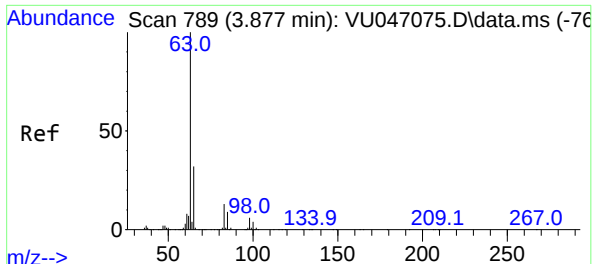
Tgt Ion: 96 Resp: 664247
Ion Ratio Lower Upper
96 100
61 142.7 92.5 171.9
98 63.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 213.69 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

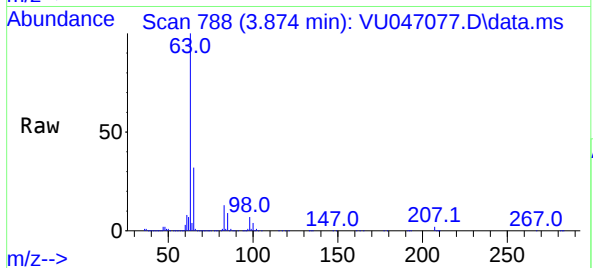
Tgt Ion: 73 Resp: 2230972
Ion Ratio Lower Upper
73 100
43 19.5 14.1 21.1
57 22.2 16.4 24.6



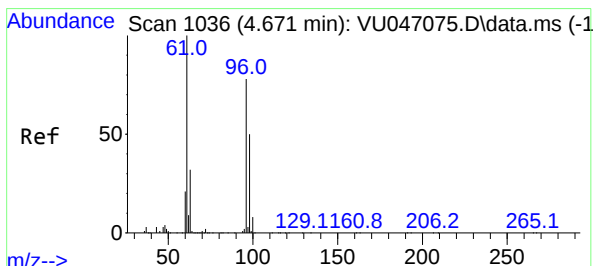
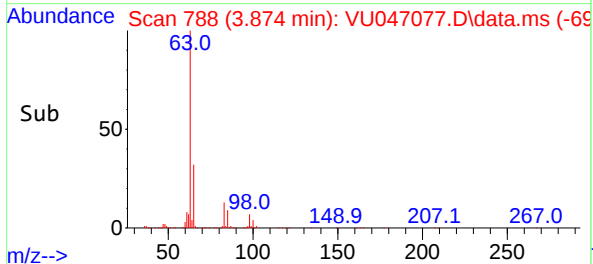
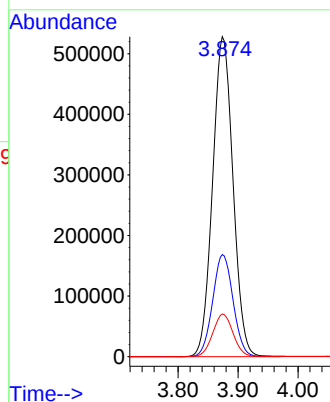


#19
1,1-Dichloroethane
Concen: 196.75 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

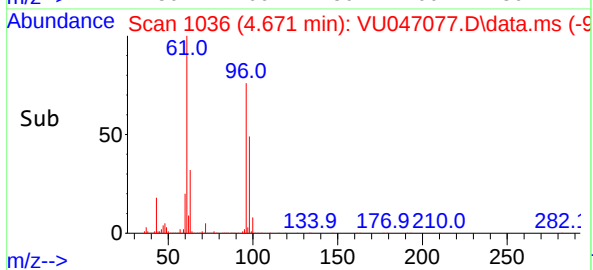
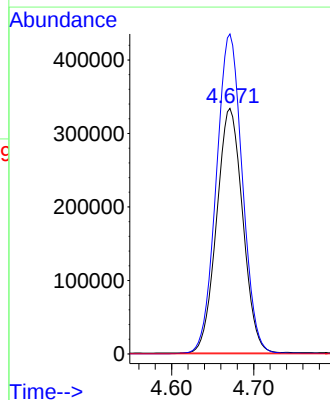
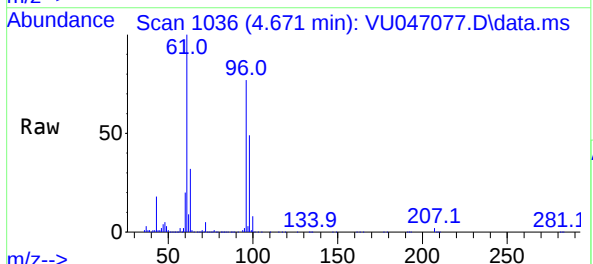


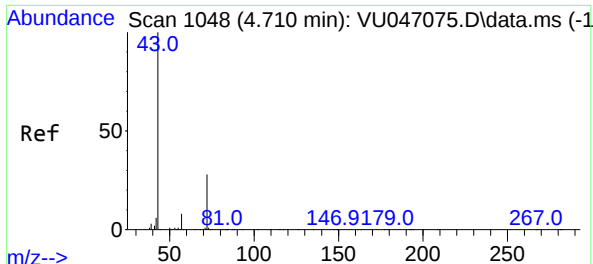
Tgt Ion: 63 Resp: 1243588
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 13.3 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 198.88 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 96 Resp: 737690
Ion Ratio Lower Upper
96 100
61 130.3 86.0 159.6
68 0.1 0.0 0.0#

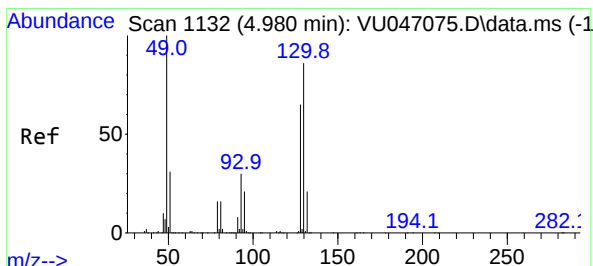
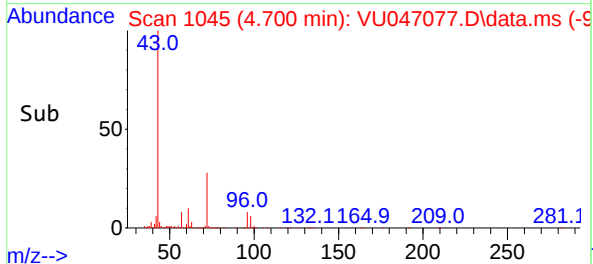
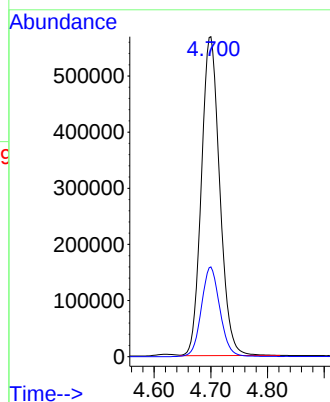
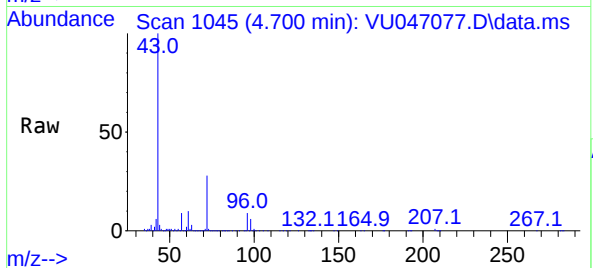




#22
2-Butanone
Concen: 369.23 ug/L
RT: 4.700 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

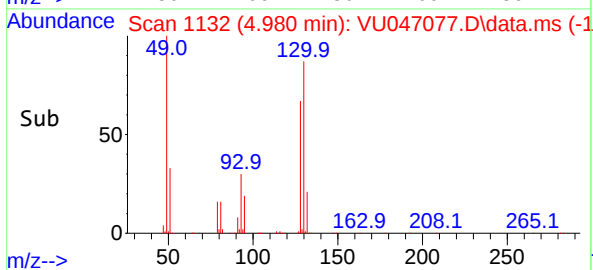
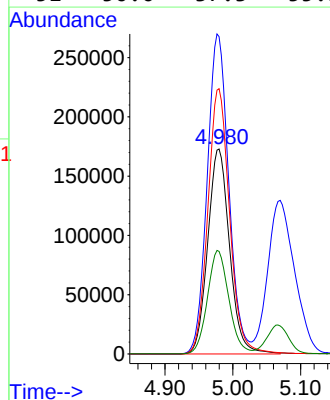
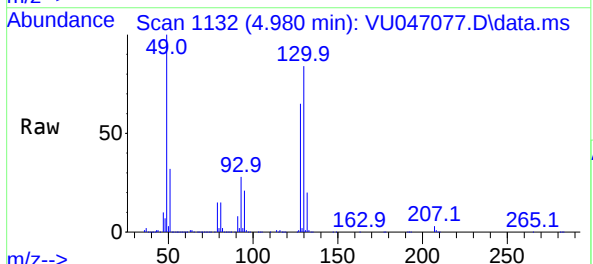
Instrument :
MSVOA_U
ClientSampleId :

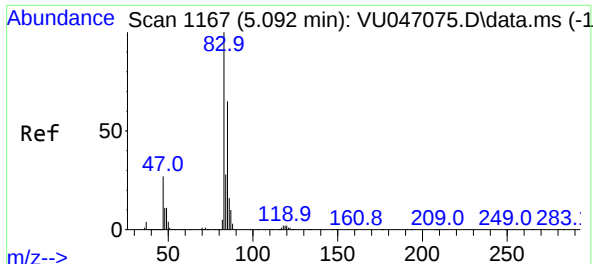
Tgt Ion: 43 Resp: 1276908
Ion Ratio Lower Upper
43 100
72 28.4 15.6 46.8



#23
Bromochloromethane
Concen: 195.60 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

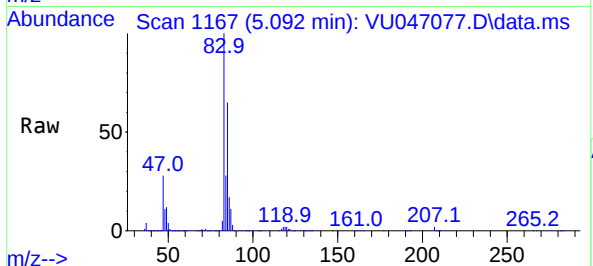
Tgt Ion: 128 Resp: 386624
Ion Ratio Lower Upper
128 100
49 154.8 105.4 195.8
130 129.4 88.7 164.7
51 50.0 37.3 55.9



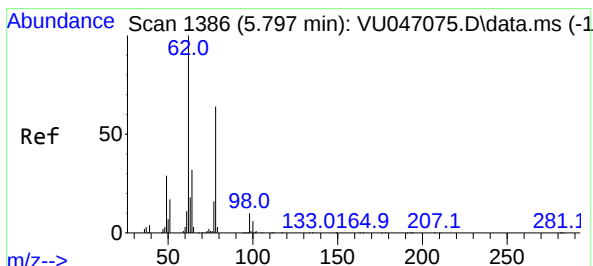
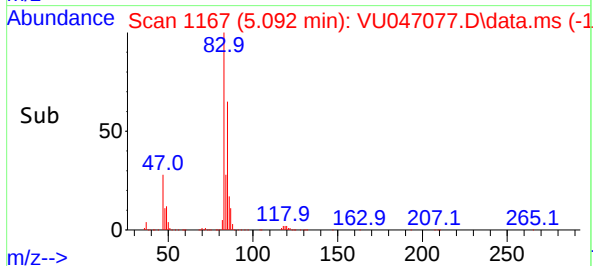
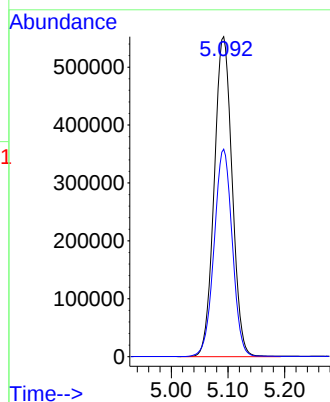


#25
Chloroform
Concen: 178.84 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

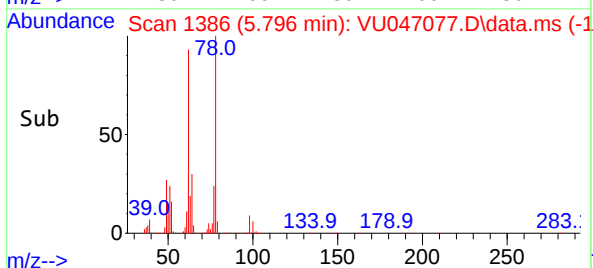
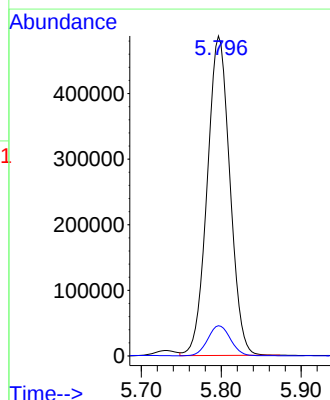
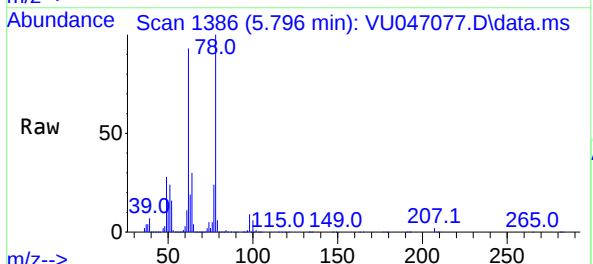


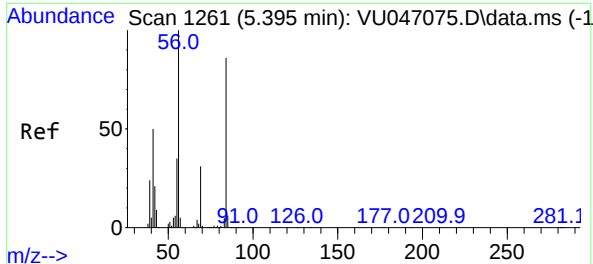
Tgt Ion: 83 Resp: 1211876
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 183.99 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

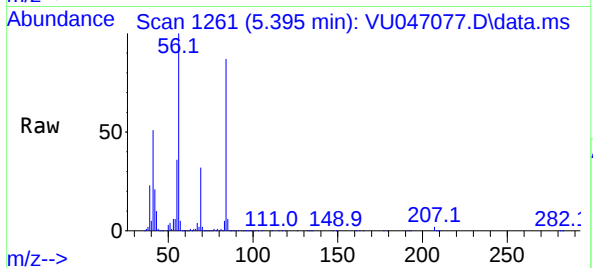
Tgt Ion: 62 Resp: 959571
Ion Ratio Lower Upper
62 100
98 9.4 7.7 11.5





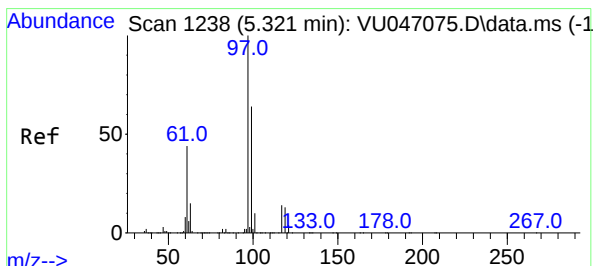
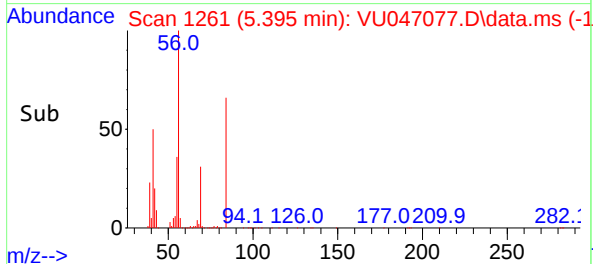
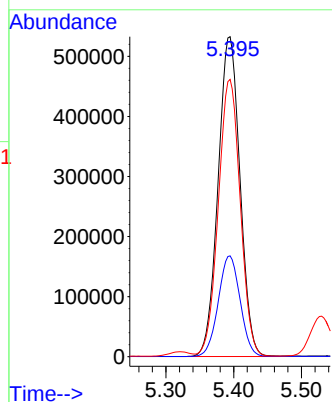
#29
Cyclohexane
Concen: 232.57 ug/L
RT: 5.395 min Scan# 1194828
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 56 Resp: 1194828

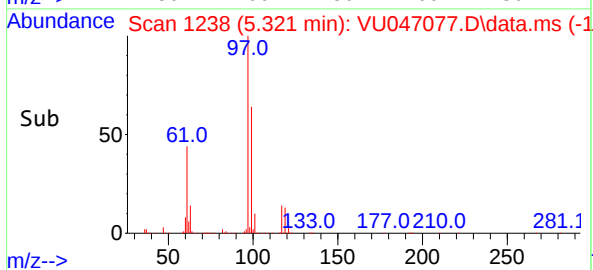
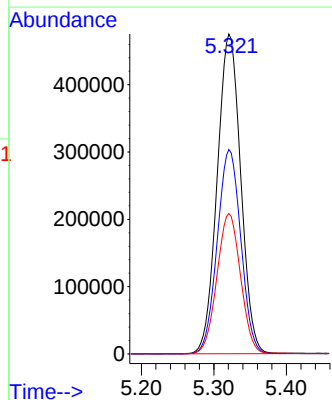
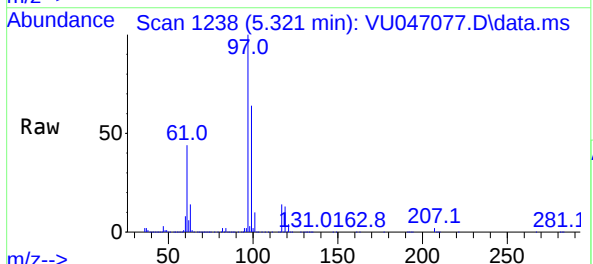
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.8	38.6
84	86.6	74.2	111.2

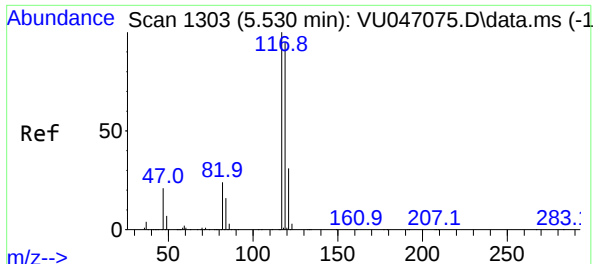


#30
1,1,1-Trichloroethane
Concen: 187.45 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 97 Resp: 1070396

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	44.0	34.1	51.1

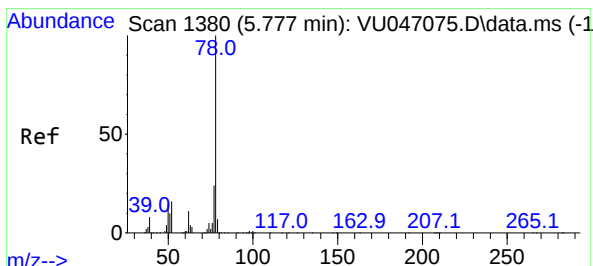
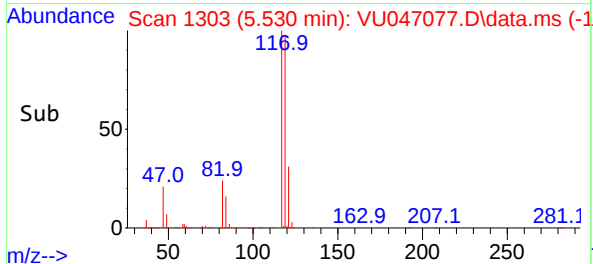
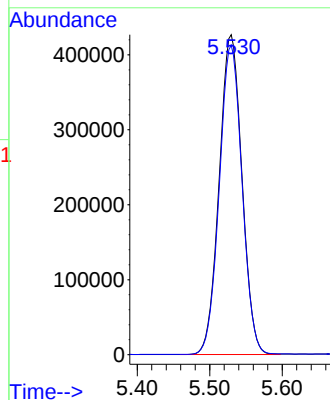
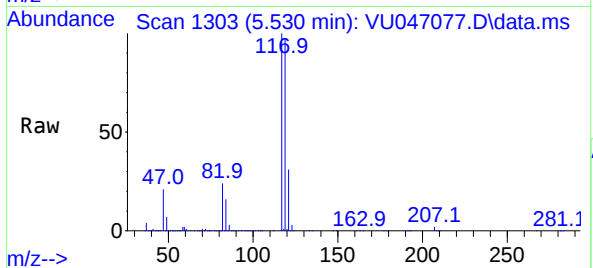




#31
Carbon tetrachloride
Concen: 187.41 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

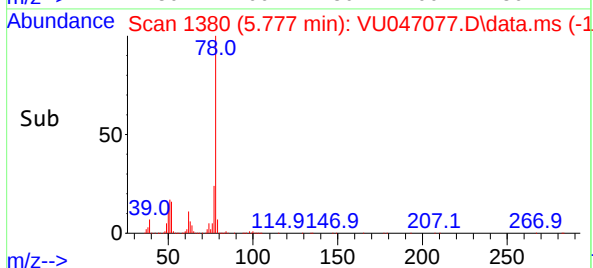
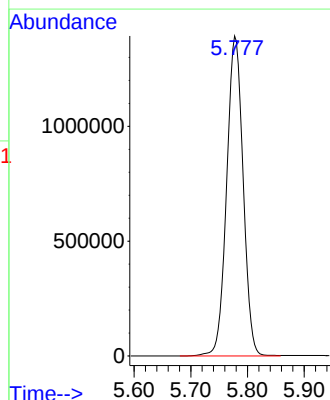
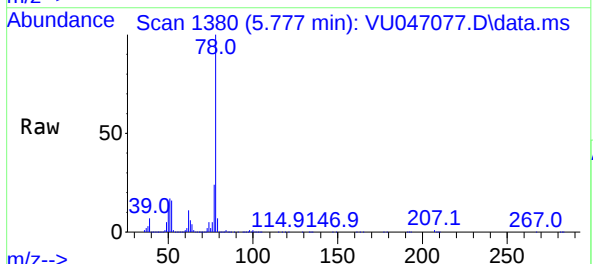
Instrument :
MSVOA_U
ClientSampleId :

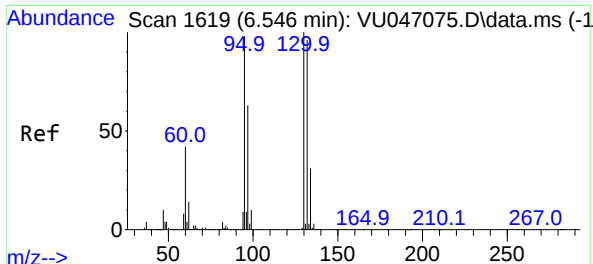
Tgt Ion:117 Resp: 930185
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 199.71 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

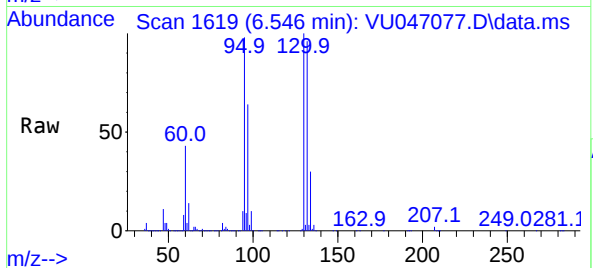
Tgt Ion: 78 Resp: 2804756





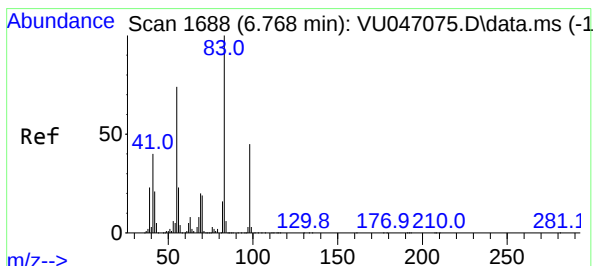
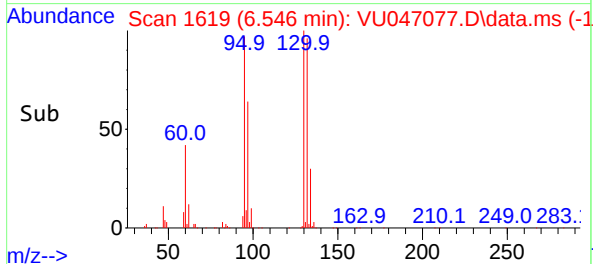
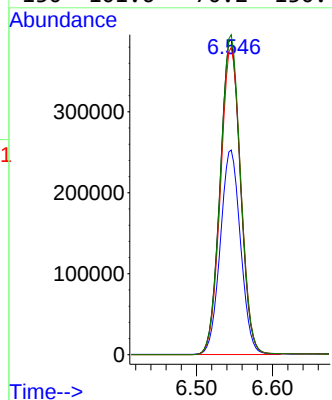
#34
Trichloroethene
Concen: 194.96 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 721598

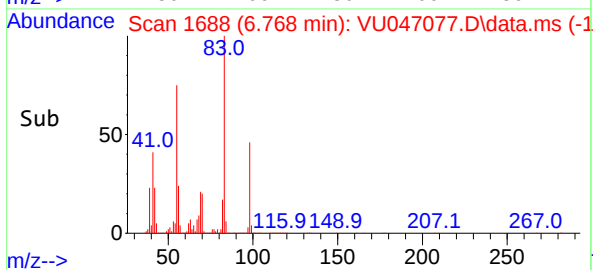
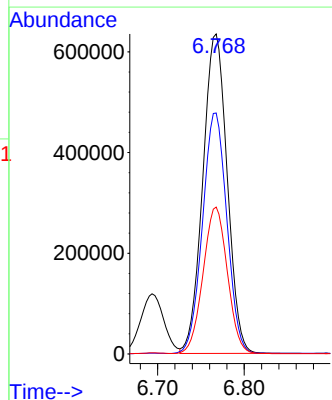
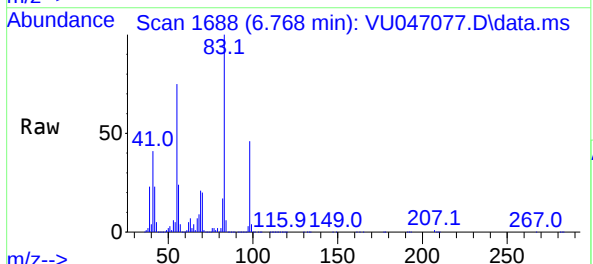
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.7
132	97.5	66.7	123.9
130	101.6	70.2	130.4

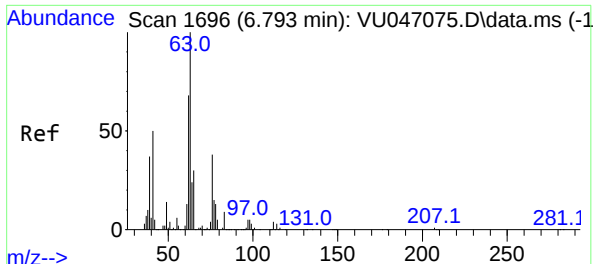


#35
Methylcyclohexane
Concen: 215.15 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 83 Resp: 1241443

Ion	Ratio	Lower	Upper
83	100		
55	75.1	56.6	85.0
98	45.8	38.4	57.6

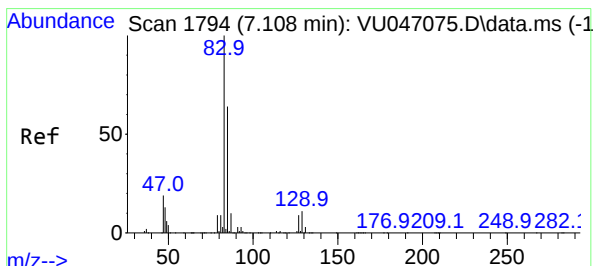
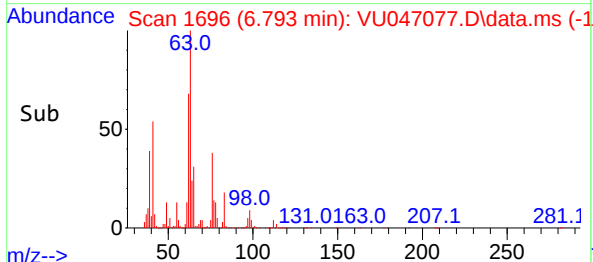
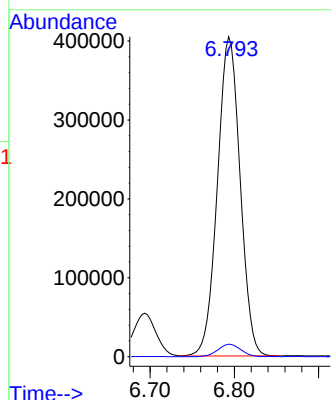
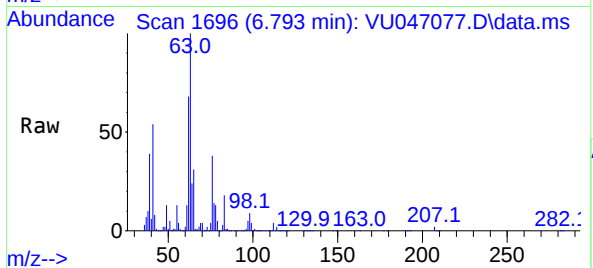




#37
1,2-Dichloropropane
Concen: 208.38 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

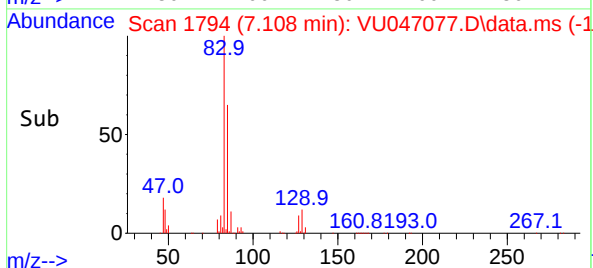
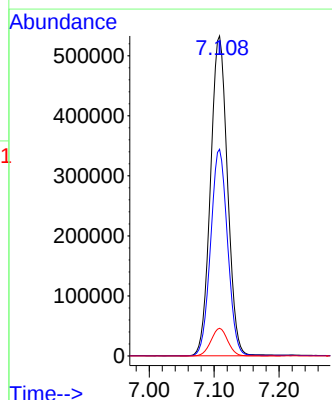
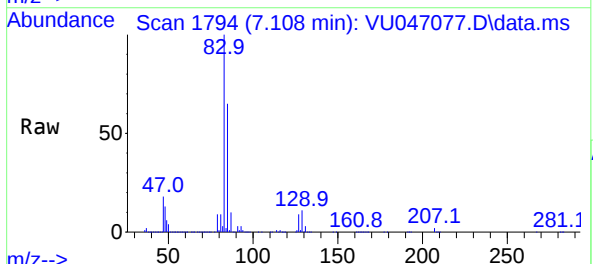
Instrument :
MSVOA_U
ClientSampleId :

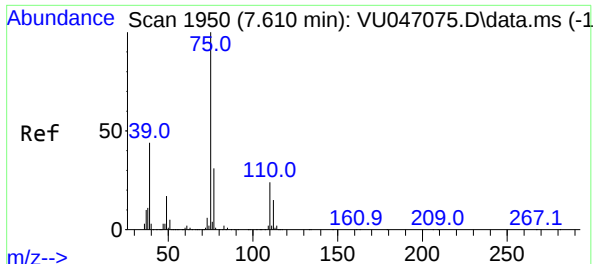
Tgt Ion: 63 Resp: 755008
Ion Ratio Lower Upper
63 100
112 4.0 3.7 5.5



#38
Bromodichloromethane
Concen: 196.60 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 83 Resp: 967775
Ion Ratio Lower Upper
83 100
85 64.6 45.0 83.6
127 8.6 7.3 10.9

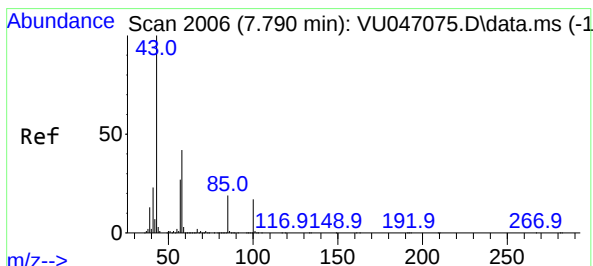
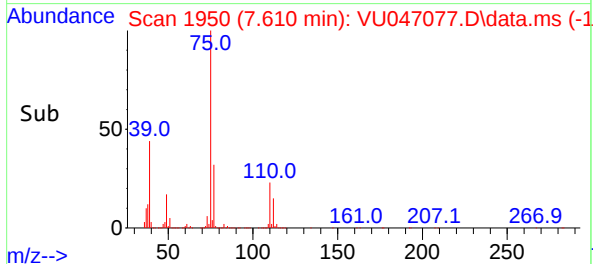
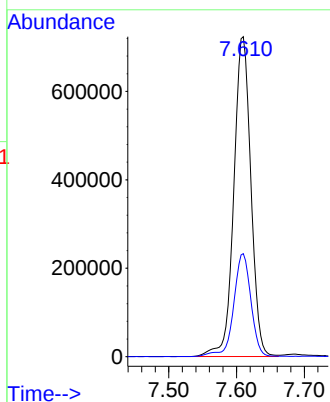
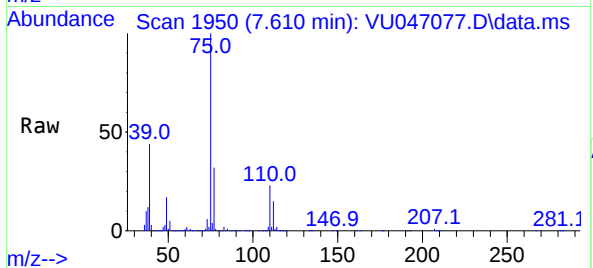




#39
cis-1,3-Dichloropropene
Concen: 224.28 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

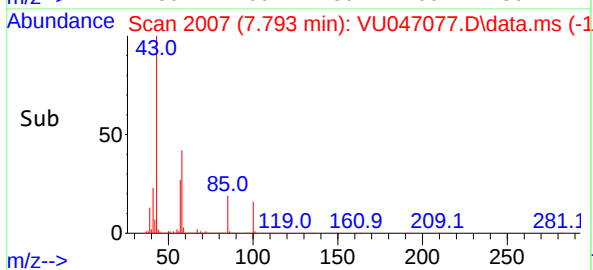
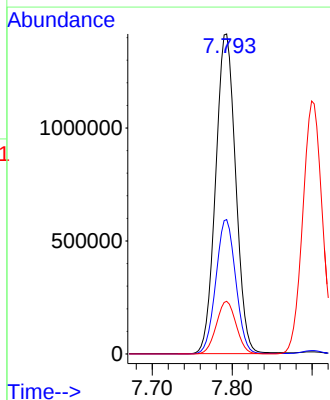
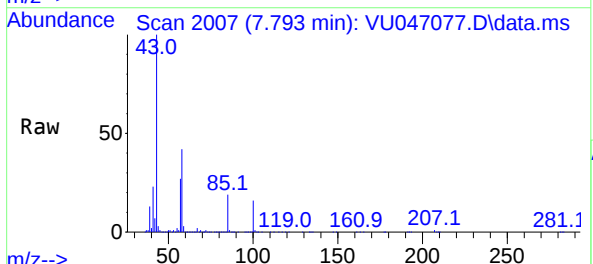
Instrument :
MSVOA_U
ClientSampleId :

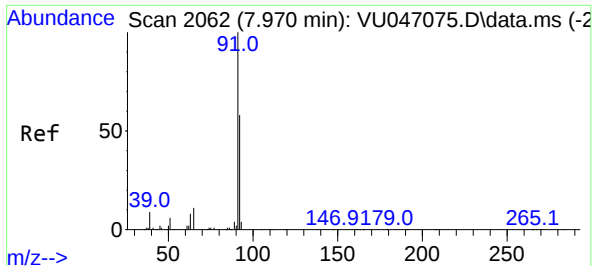
Tgt Ion: 75 Resp: 1266571
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 481.96 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 43 Resp: 2458926
Ion Ratio Lower Upper
43 100
58 41.8 35.8 53.8
100 16.3 15.7 23.5

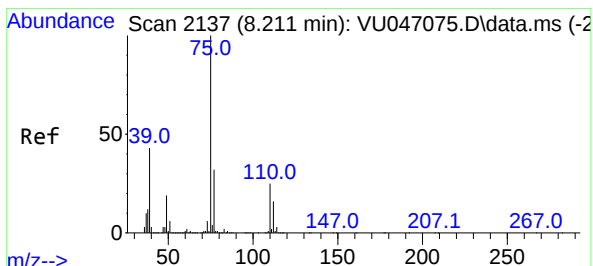
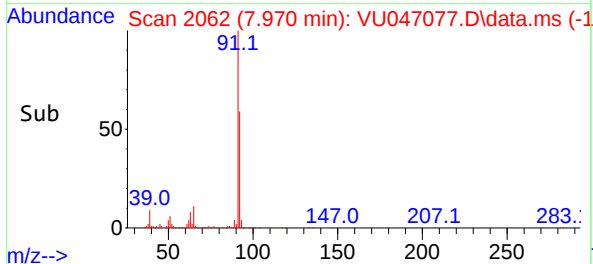
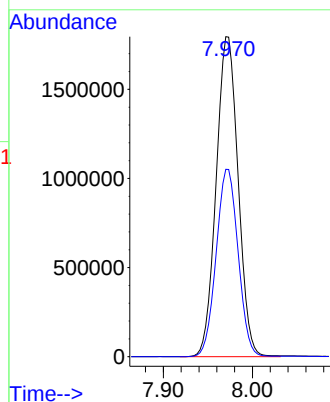
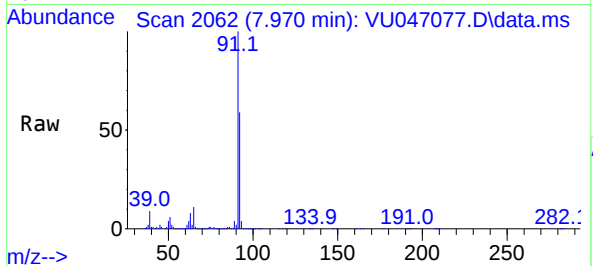




#42
Toluene
Concen: 207.30 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

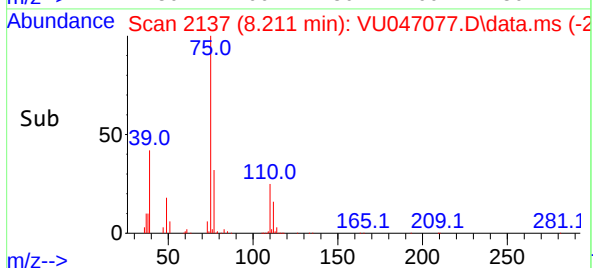
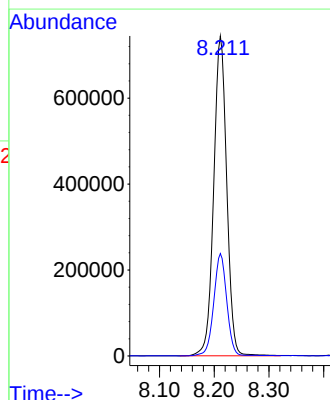
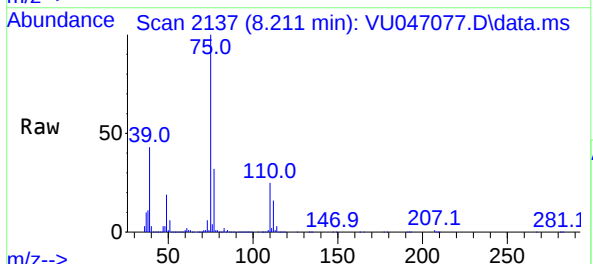
Instrument :
MSVOA_U
ClientSampleId :

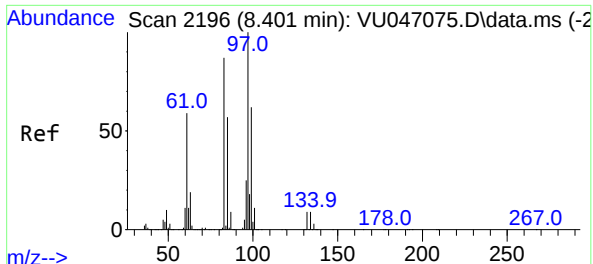
Tgt Ion: 91 Resp: 3077159
Ion Ratio Lower Upper
91 100
92 58.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 224.73 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 75 Resp: 1230687
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.8



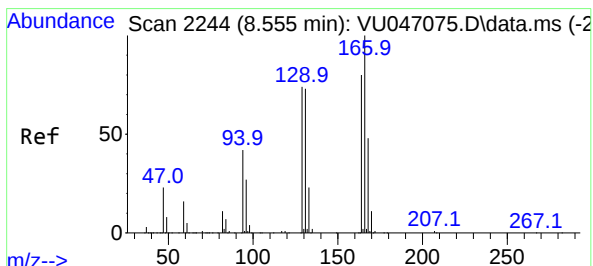
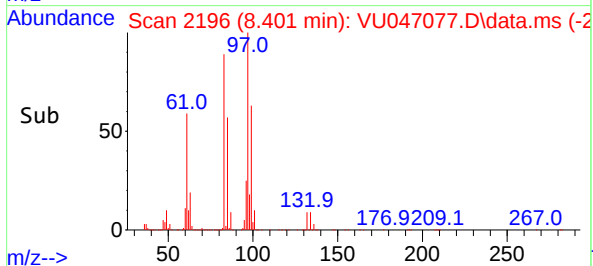
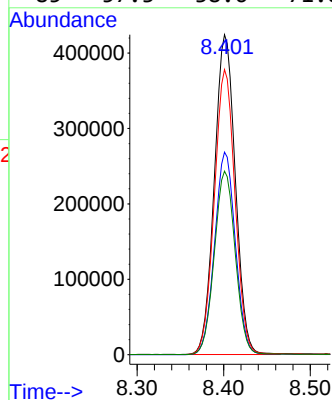
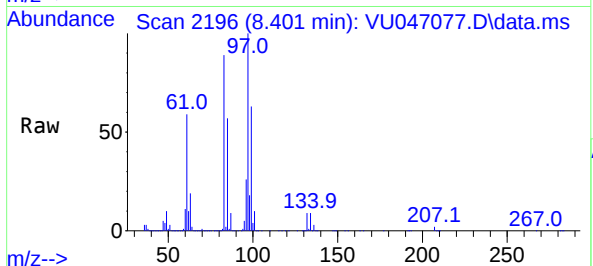


#45
1,1,2-Trichloroethane
Concen: 195.18 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 713777

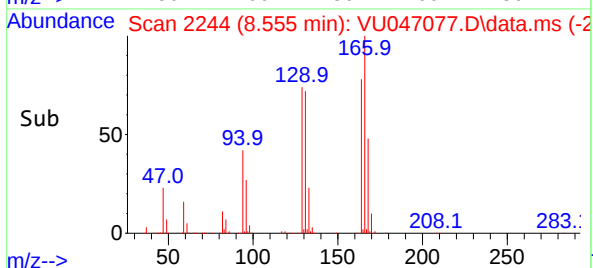
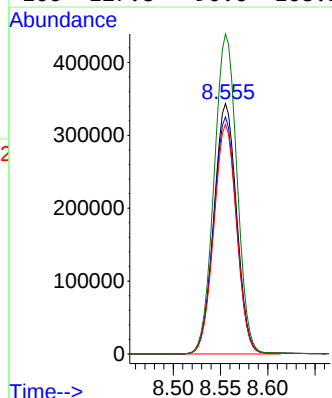
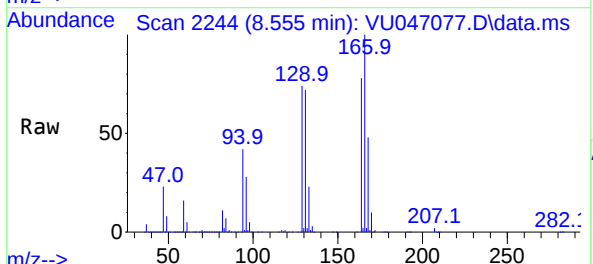
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.4	78.8
83	89.1	59.4	110.4
85	57.3	38.6	71.8

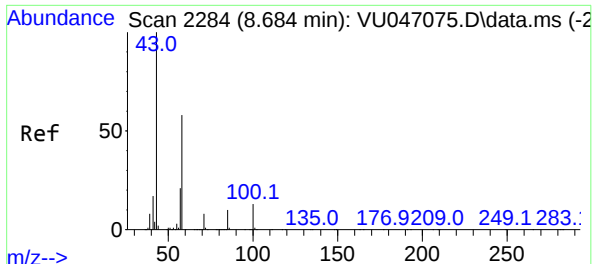


#46
Tetrachloroethene
Concen: 203.77 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 164 Resp: 577134

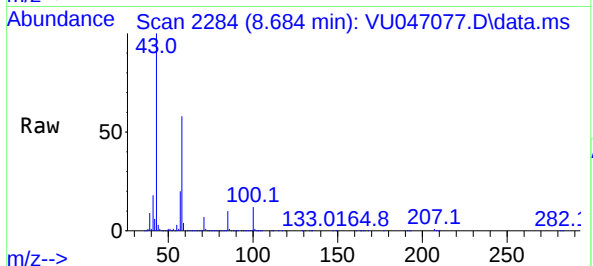
Ion	Ratio	Lower	Upper
164	100		
129	94.7	69.5	129.1
131	91.7	67.0	124.4
166	127.8	90.6	168.2





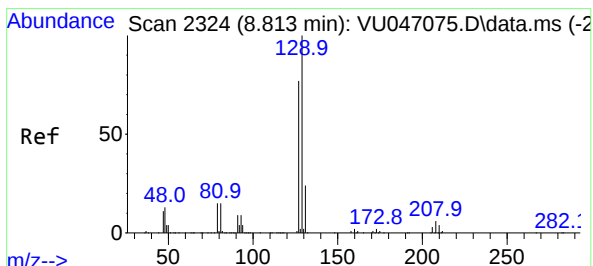
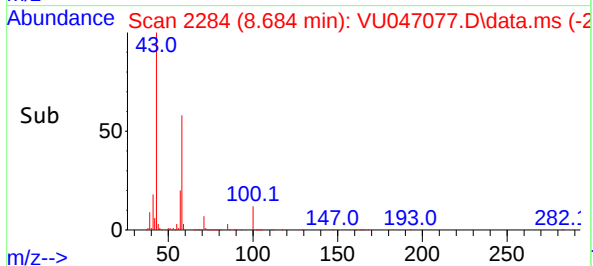
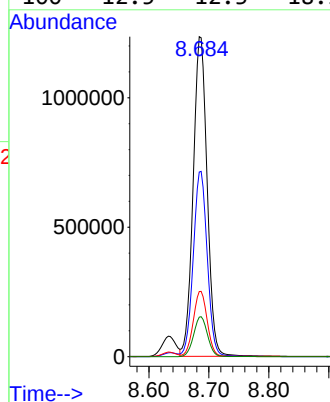
#48
2-Hexanone
Concen: 467.41 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 2002507

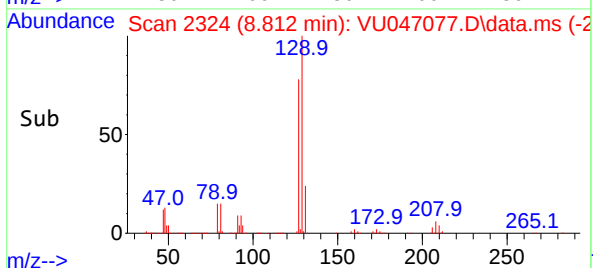
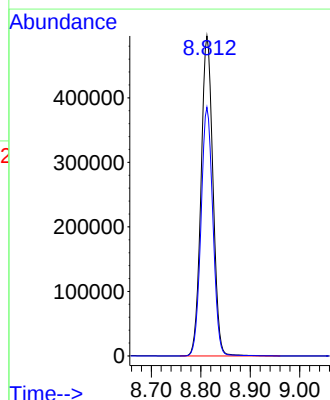
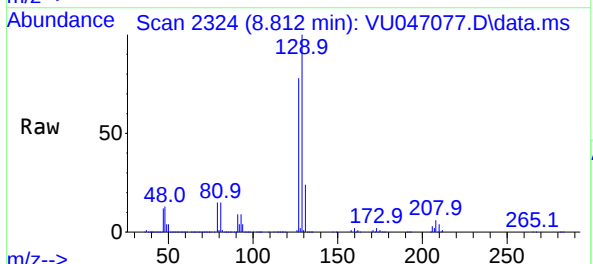
Ion	Ratio	Lower	Upper
43	100		
58	57.9	49.4	74.2
57	20.3	17.5	26.3
100	12.5	12.3	18.5

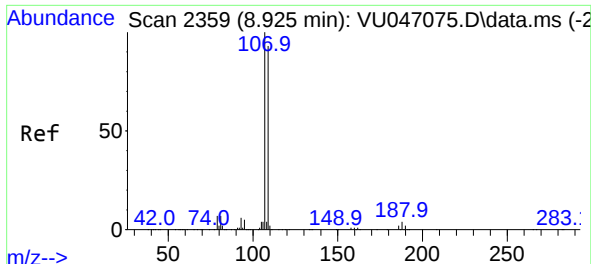


#49
Dibromochloromethane
Concen: 203.57 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 129 Resp: 828397

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.5	101.3





#50

1,2-Dibromoethane

Concen: 208.30 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

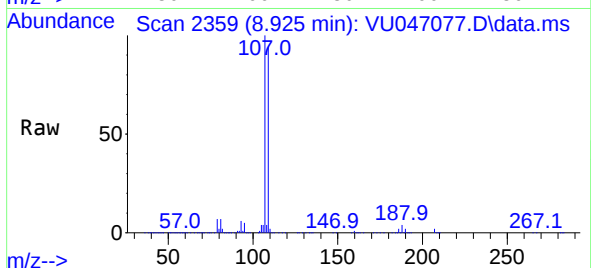
Lab File: VU047077.D

Acq: 10 Feb 2022 16:10

Instrument :

MSVOA_U

ClientSampleId :



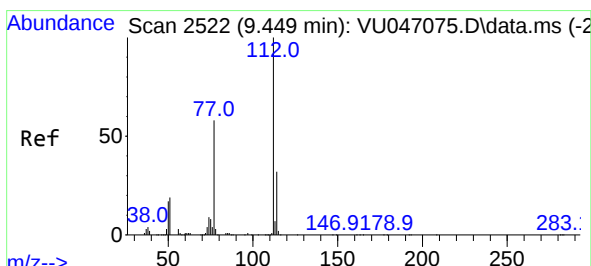
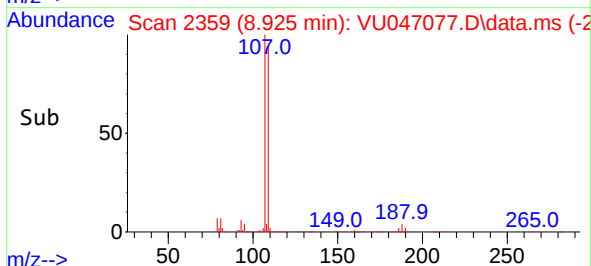
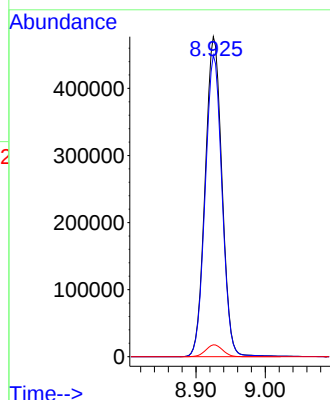
Tgt Ion:107 Resp: 800568

Ion Ratio Lower Upper

107 100

109 94.2 65.6 121.8

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 205.07 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047077.D

Acq: 10 Feb 2022 16:10

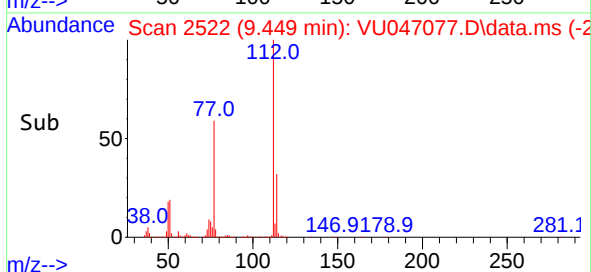
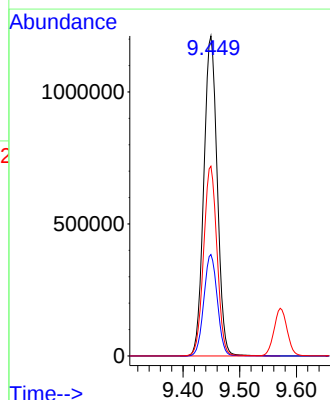
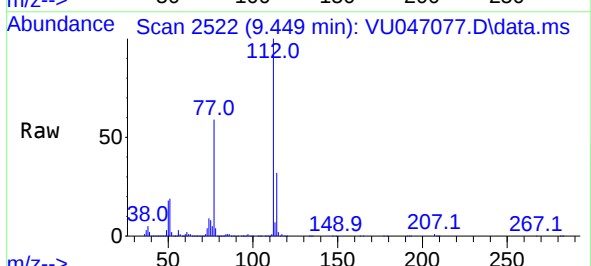
Tgt Ion:112 Resp: 1988941

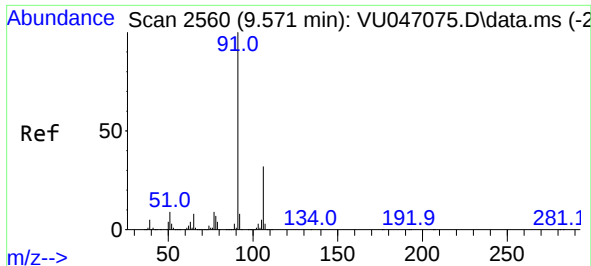
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 59.3 46.5 69.7

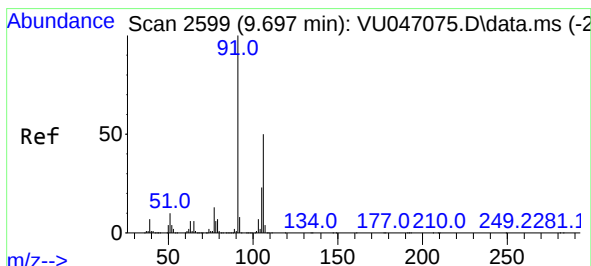
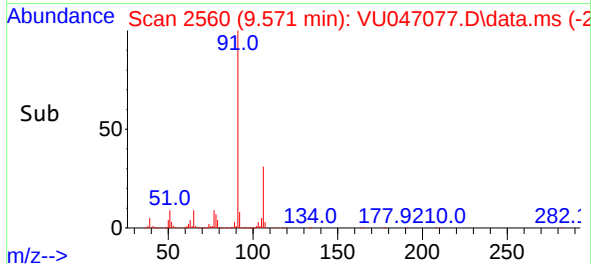
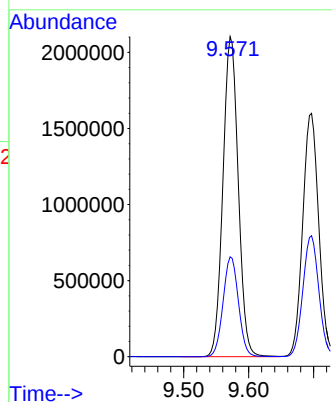
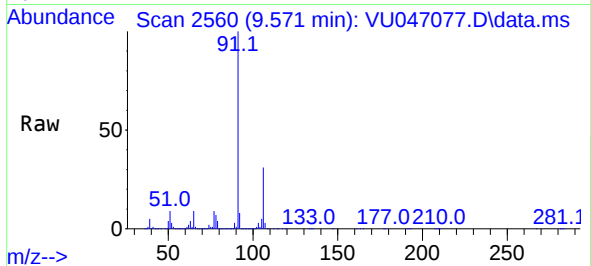




#52
Ethylbenzene
Concen: 215.80 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

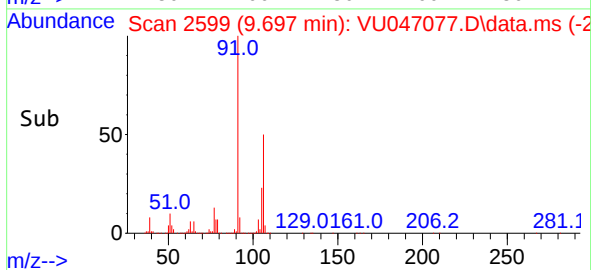
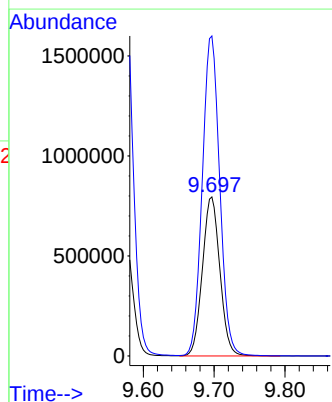
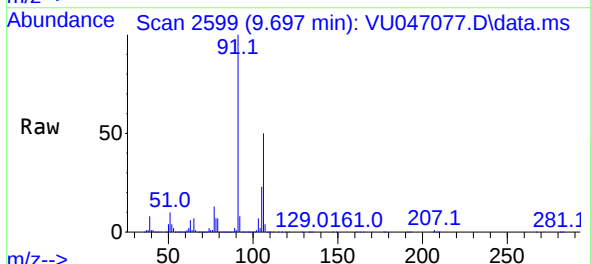
Instrument :
MSVOA_U
ClientSampleId :

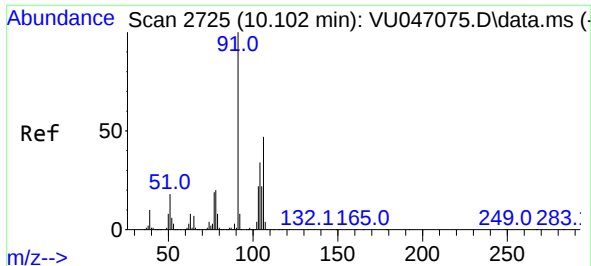
Tgt Ion: 91 Resp: 3423243
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 220.84 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 106 Resp: 1357561
Ion Ratio Lower Upper
106 100
91 201.2 145.5 270.1

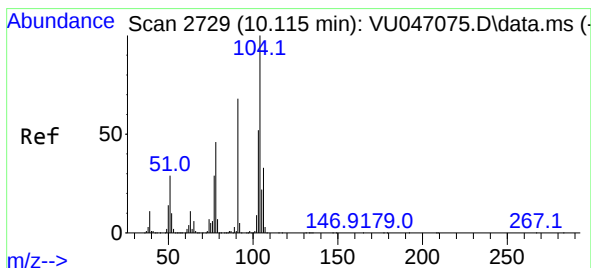
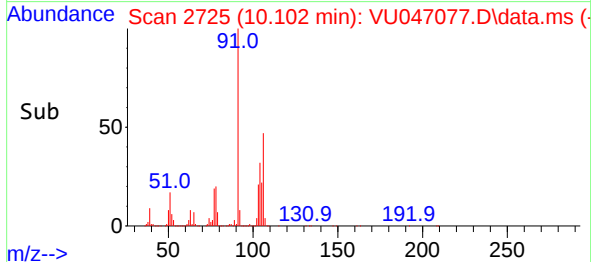
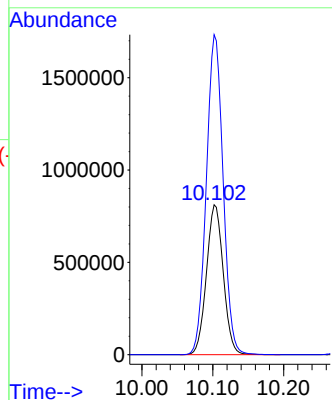
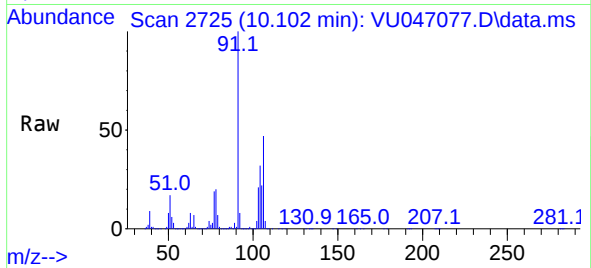




#54
o-xylene
Concen: 226.69 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

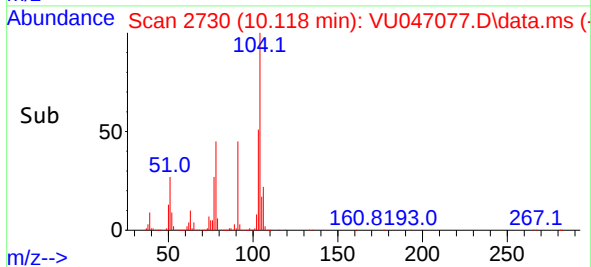
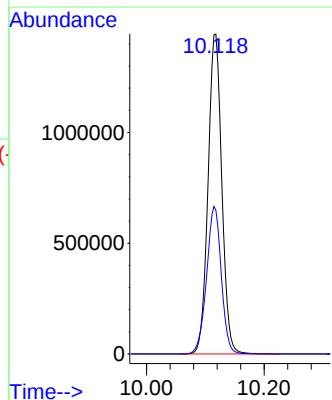
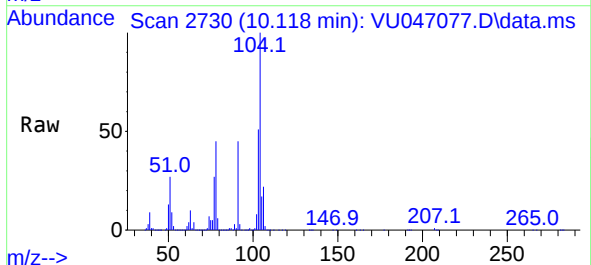
Instrument :
MSVOA_U
ClientSampleId :

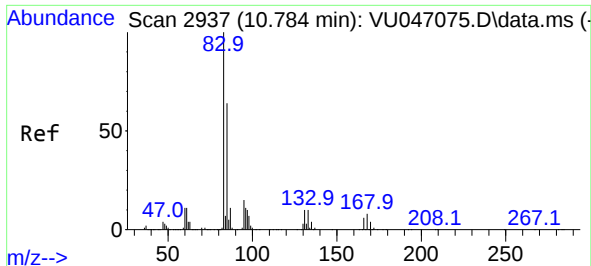
Tgt Ion:106 Resp: 1336228
Ion Ratio Lower Upper
106 100
91 213.4 152.0 282.2



#55
Styrene
Concen: 227.89 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion:104 Resp: 2340946
Ion Ratio Lower Upper
104 100
78 44.9 32.6 60.6

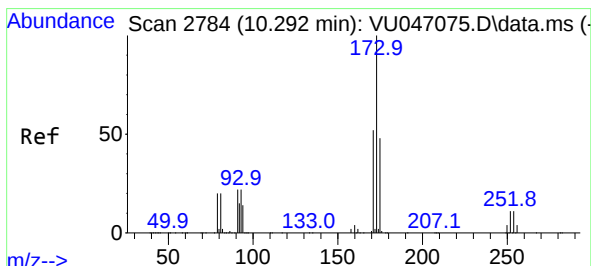
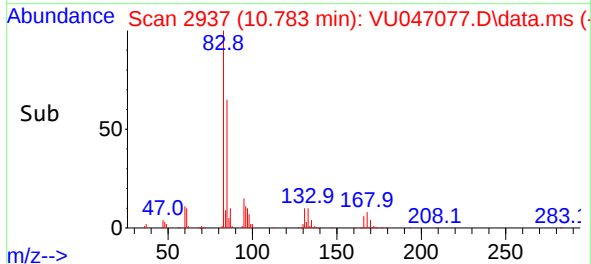
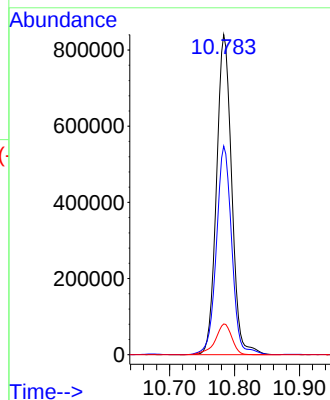
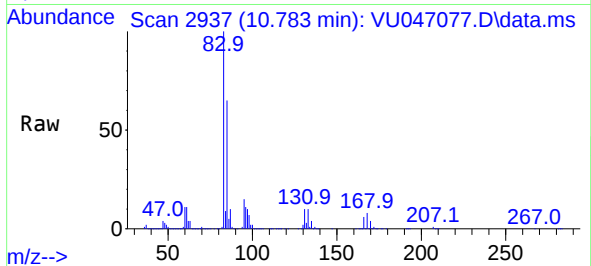




#57
1,1,2,2-Tetrachloroethane
Concen: 211.95 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

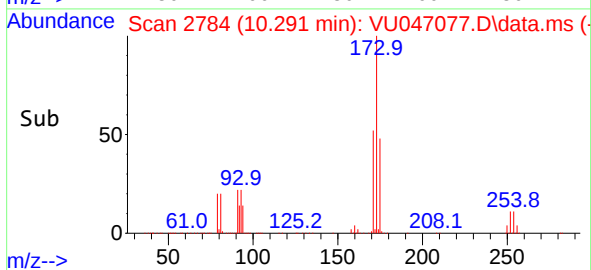
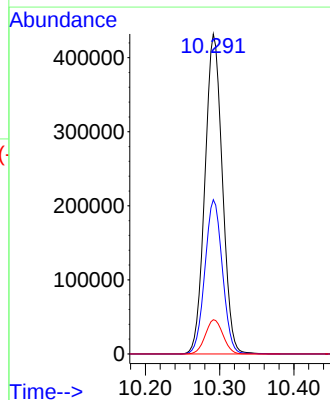
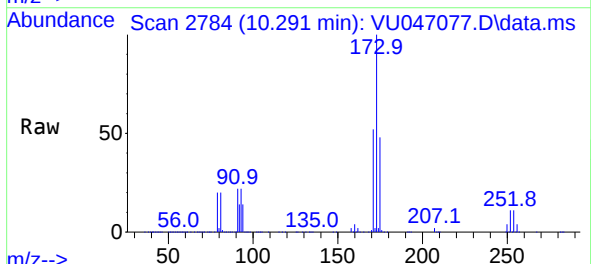
Instrument :
MSVOA_U
ClientSampleId :

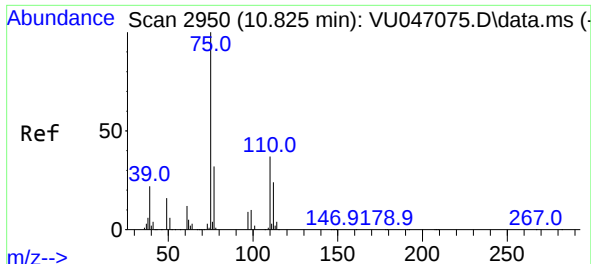
Tgt Ion: 83 Resp: 1358394
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1
131 9.6 7.8 11.6



#59
Bromoform
Concen: 210.26 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

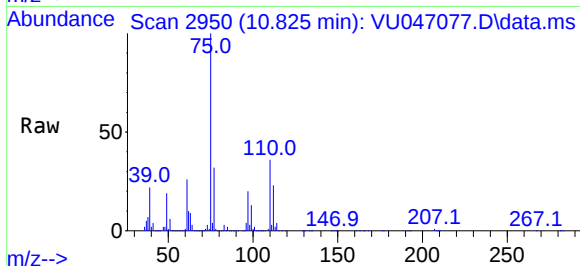
Tgt Ion:173 Resp: 703262
Ion Ratio Lower Upper
173 100
175 48.4 37.6 56.4
254 10.9 8.1 12.1



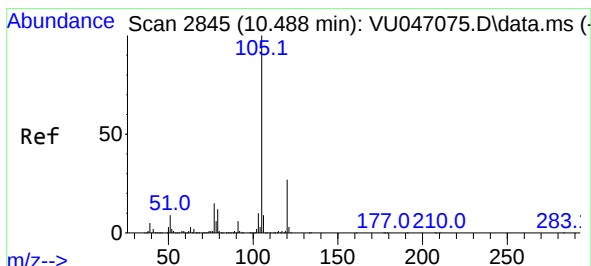
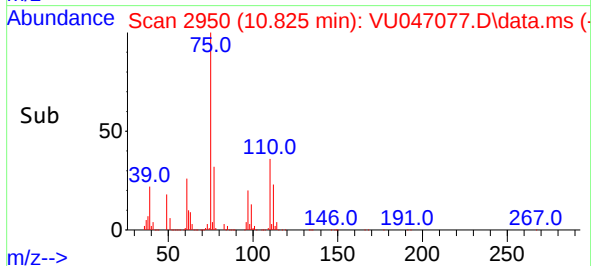
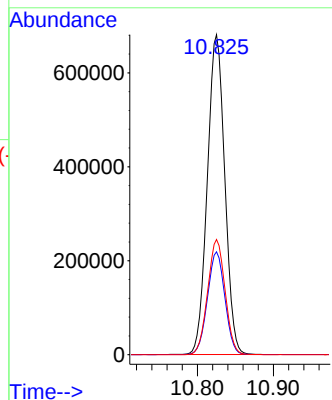


#60
1,2,3-Trichloropropane
Concen: 191.86 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :

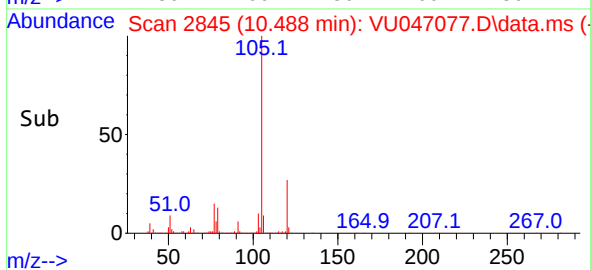
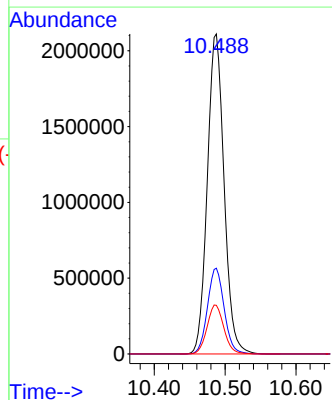
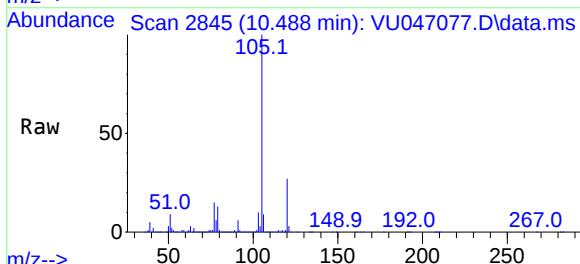


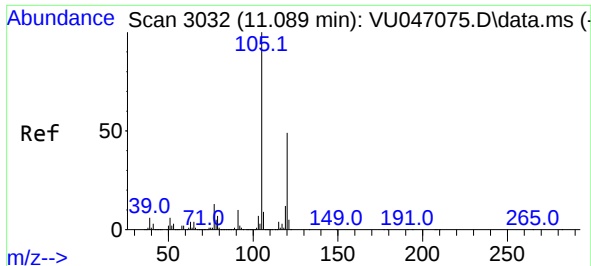
Tgt Ion: 75 Resp: 1084948
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 36.1 32.5 48.7



#61
Isopropylbenzene
Concen: 208.38 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion: 105 Resp: 3462849
Ion Ratio Lower Upper
105 100
120 26.7 20.6 31.0
77 15.4 12.6 18.8

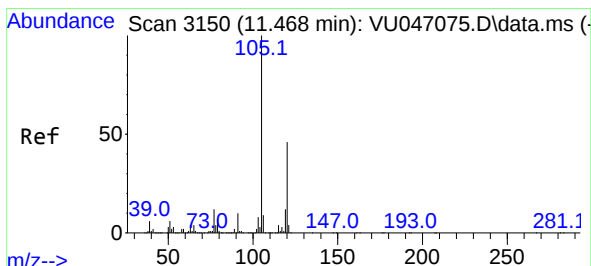
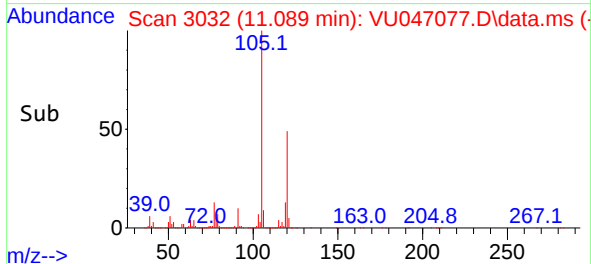
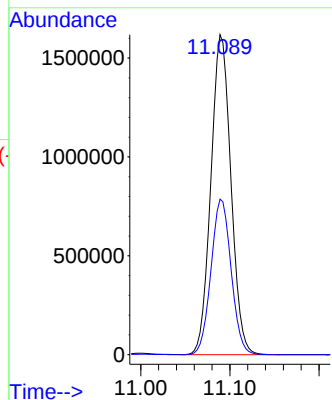
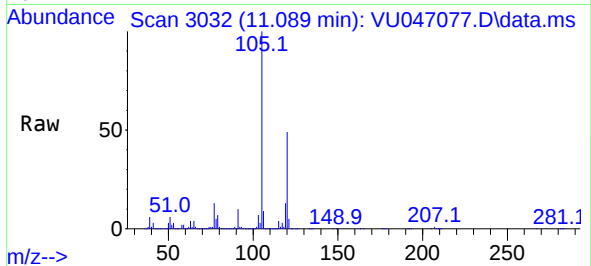




#62
1,3,5-Trimethylbenzene
Concen: 188.07 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

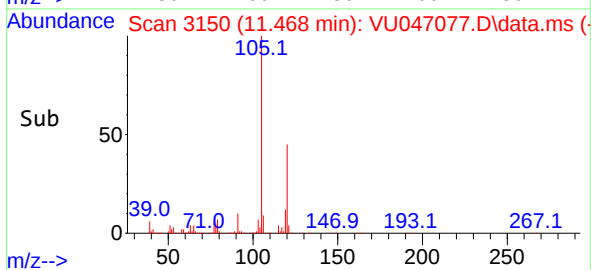
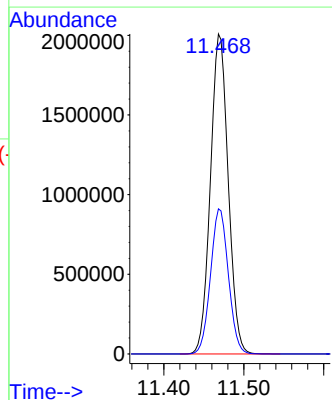
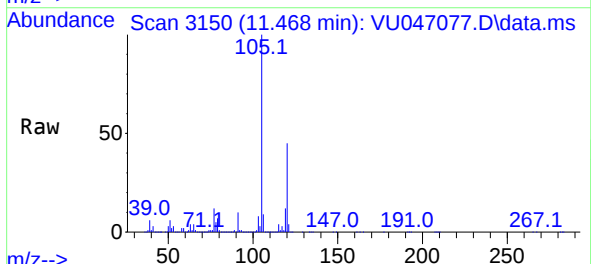
Instrument :
MSVOA_U
ClientSampleId :

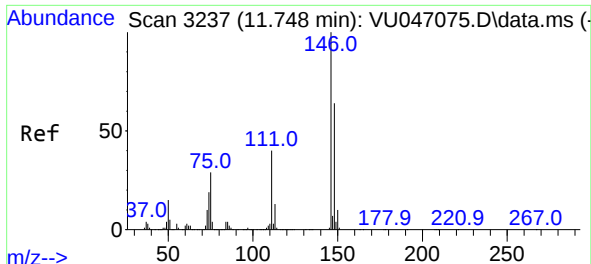
Tgt Ion:105 Resp: 2522842
Ion Ratio Lower Upper
105 100
120 48.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 222.94 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion:105 Resp: 3100622
Ion Ratio Lower Upper
105 100
120 45.5 35.4 53.2

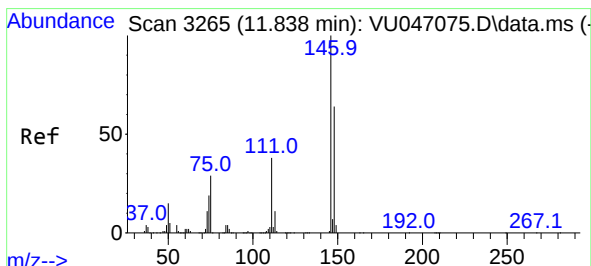
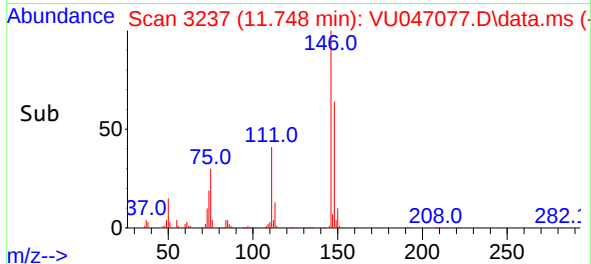
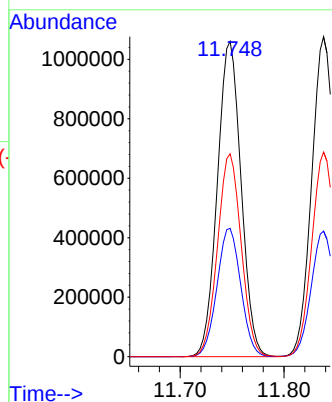
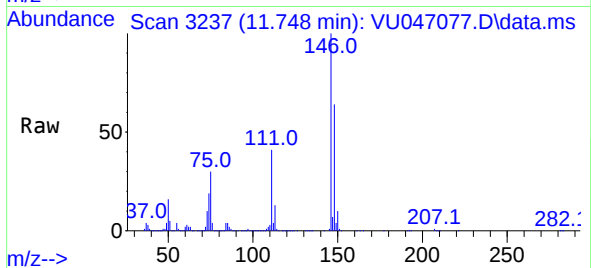




#64
1,3-Dichlorobenzene
Concen: 202.66 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

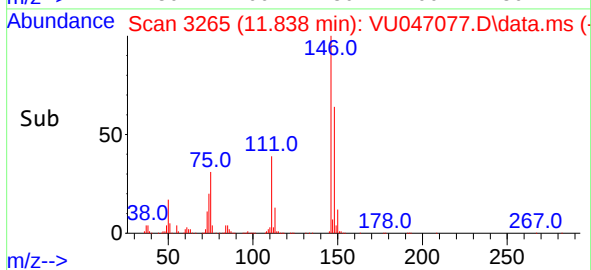
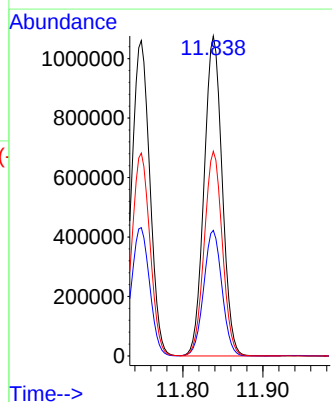
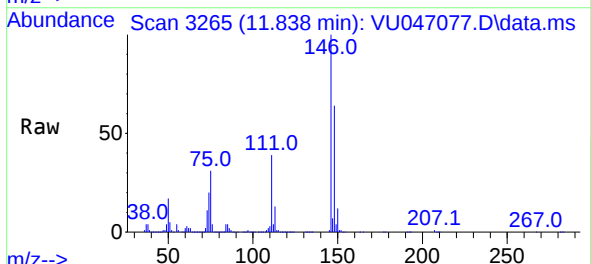
Instrument :
MSVOA_U
ClientSampleId :

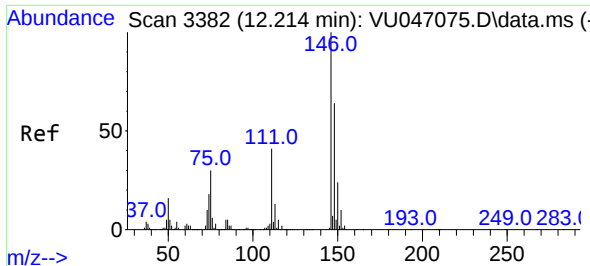
Tgt Ion:146 Resp: 1683301
Ion Ratio Lower Upper
146 100
111 40.7 29.4 54.6
148 64.3 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 196.62 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

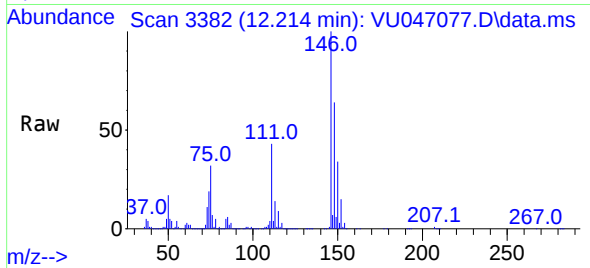
Tgt Ion:146 Resp: 1693875
Ion Ratio Lower Upper
146 100
111 39.2 28.9 53.7
148 64.0 44.5 82.7



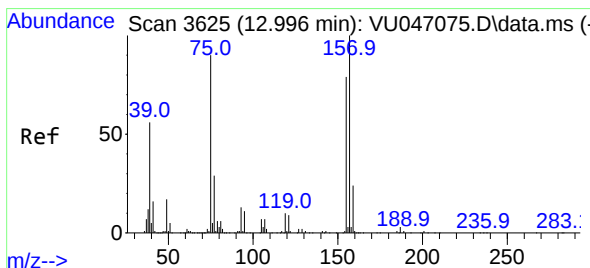
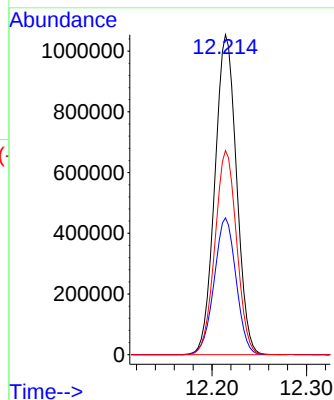
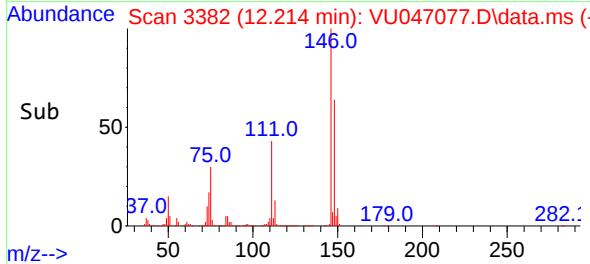


#67
1,2-Dichlorobenzene
Concen: 201.73 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

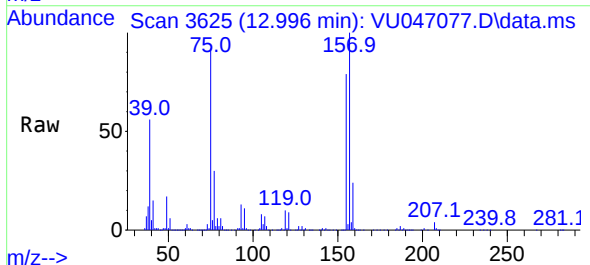
Instrument :
MSVOA_U
ClientSampleId :



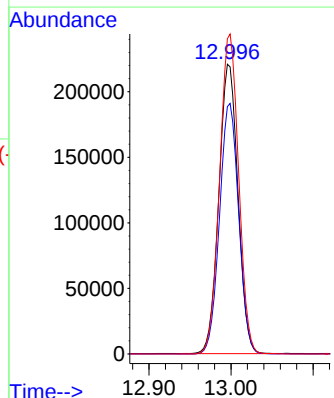
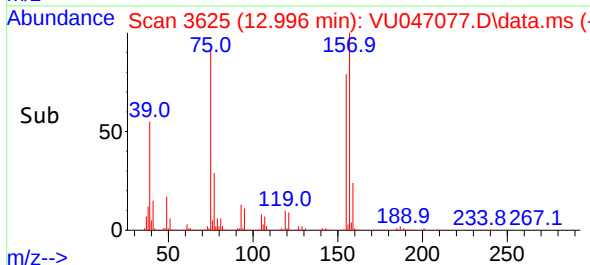
Tgt Ion:146 Resp: 1679011
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.4
148 63.8 51.3 76.9

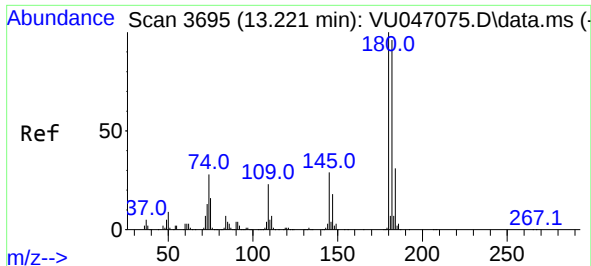


#68
1,2-Dibromo-3-chloropropane
Concen: 209.85 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10



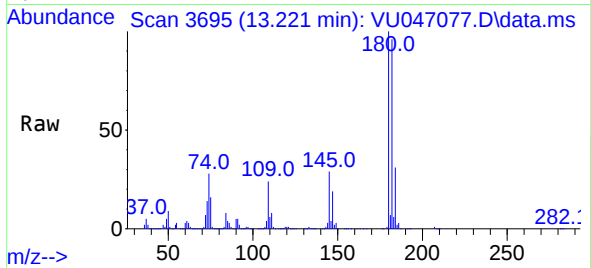
Tgt Ion: 75 Resp: 357128
Ion Ratio Lower Upper
75 100
155 85.4 65.0 97.4
157 108.7 79.7 119.5





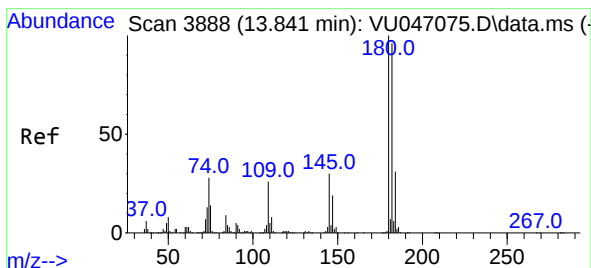
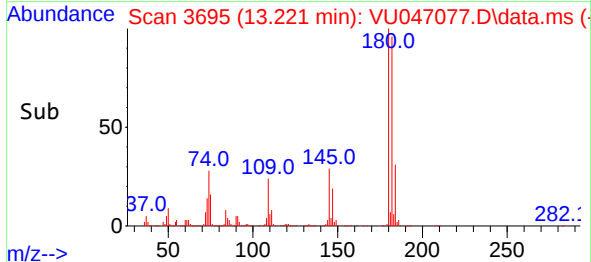
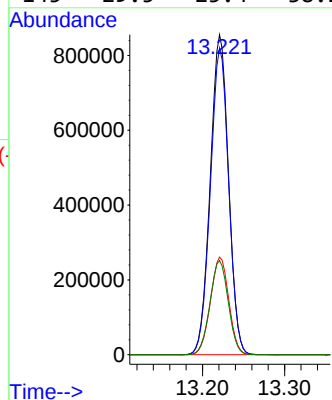
#69
 1,3,5-Trichlorobenzene
 Concen: 207.16 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047077.D
 Acq: 10 Feb 2022 16:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 1323668

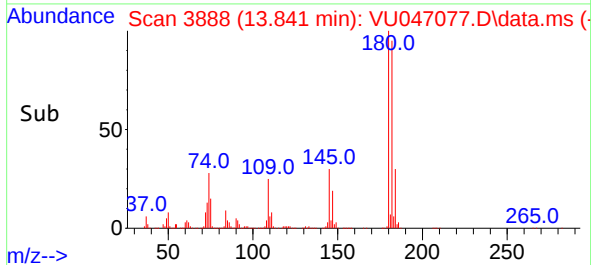
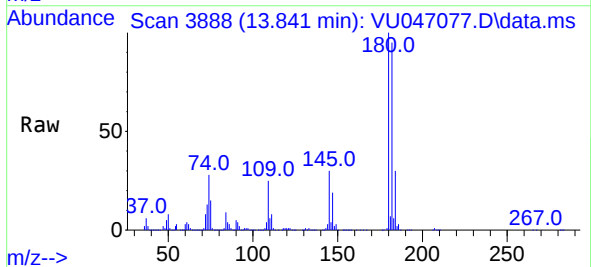
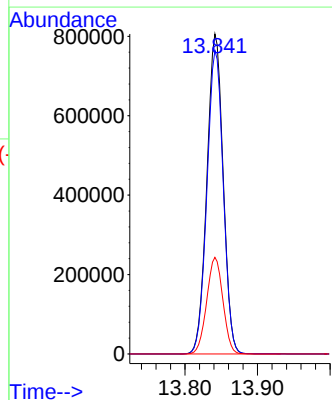
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
184	30.6	24.7	37.1
145	29.5	25.4	38.2

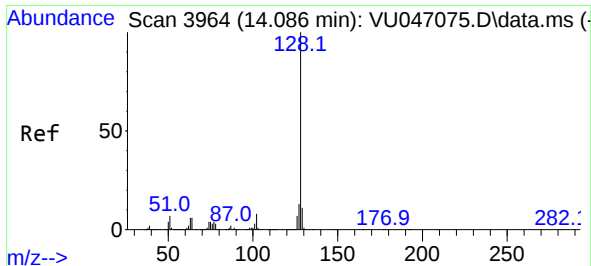


#70
 1,2,4-trichlorobenzene
 Concen: 226.83 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047077.D
 Acq: 10 Feb 2022 16:10

Tgt Ion:180 Resp: 1256170

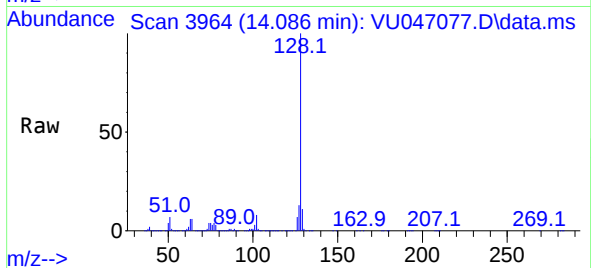
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	30.1	25.2	37.8



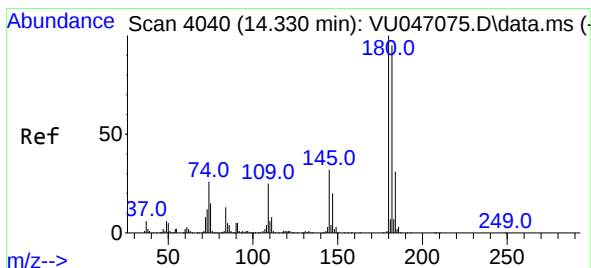
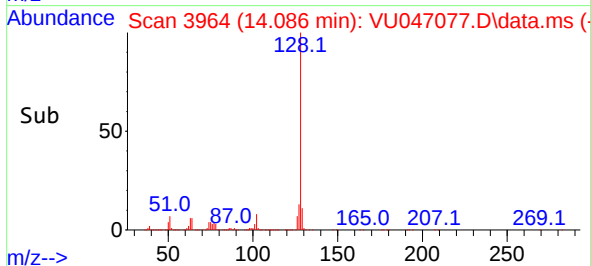
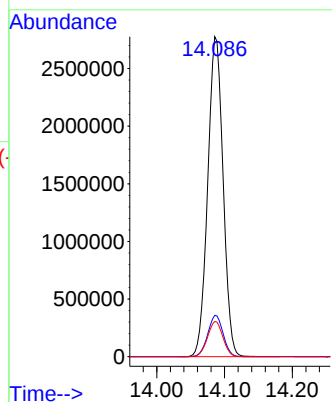


#71
Naphthalene
Concen: 241.13 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4367306
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 221.06 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047077.D
Acq: 10 Feb 2022 16:10

Tgt Ion:180 Resp: 1228749
Ion Ratio Lower Upper
180 100
182 95.1 76.6 115.0
145 31.9 27.4 41.2

