

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047079.D
 Acq On : 10 Feb 2022 17:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:08:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 16:26:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	492298	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	464713	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	247925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	217694	48.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.380%
7) Chloroethane-d5	1.919	69	164390	49.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.575	63	361708	48.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
21) 2-Butanone-d5	4.645	46	420284	121.204	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.200%
24) Chloroform-d	5.070	84	358286	49.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	5.706	65	230833	49.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
32) Benzene-d6	5.732	84	759858	49.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	6.694	67	245485	48.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	7.899	98	717926	48.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.620%
43) trans-1,3-Dichloroprop...	8.179	79	131161	49.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.900%
47) 2-Hexanone-d5	8.636	63	324855	113.176	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	373324	51.101	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	287306	48.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	226448	49.368	ug/L	99
3) Chloromethane	1.527	50	226666	49.937	ug/L	100
5) Vinyl chloride	1.610	62	226230	49.457	ug/L	100
6) Bromomethane	1.864	94	138414	52.020	ug/L	96
8) Chloroethane	1.941	64	129753	49.204	ug/L	97
9) Trichlorofluoromethane	2.147	101	257030	48.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	161092	49.372	ug/L	96
12) 1,1-Dichloroethene	2.588	96	155685	48.632	ug/L	96
13) Acetone	2.668	43	303312	120.076	ug/L	97
14) Carbon disulfide	2.800	76	500772	49.841	ug/L	99
15) Methyl Acetate	2.964	43	241832	56.891	ug/L	95
16) Methylene chloride	3.054	84	177525	50.113	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	164218	48.825	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	571480	50.244	ug/L	96
19) 1,1-Dichloroethane	3.877	63	313391	49.614	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	185128	49.762	ug/L #	93
22) 2-Butanone	4.726	43	405087	119.521	ug/L	96
23) Bromochloromethane	4.980	128	98456	49.902	ug/L	97
25) Chloroform	5.092	83	304991	49.291	ug/L	100

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 Response via : Initial Calibration

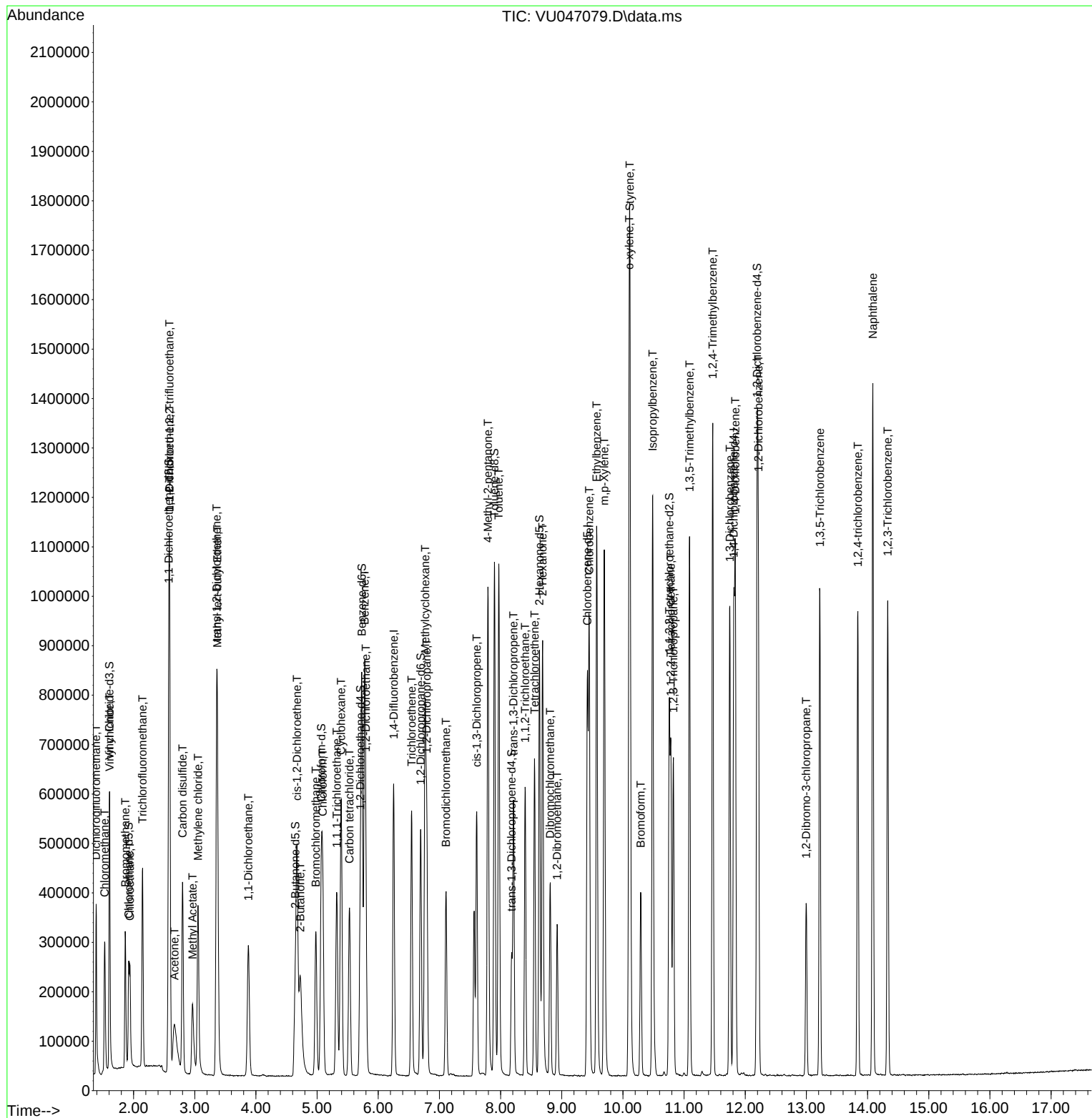
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	244780	49.787	ug/L	100
29) Cyclohexane	5.395	56	300406	49.324	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	270862	48.661	ug/L	98
31) Carbon tetrachloride	5.530	117	236482	49.001	ug/L	99
33) Benzene	5.777	78	709558	48.954	ug/L	100
34) Trichloroethene	6.546	95	181846	48.298	ug/L	98
35) Methylcyclohexane	6.767	83	313902	49.688	ug/L	96
37) 1,2-Dichloropropane	6.793	63	190287	49.011	ug/L	98
38) Bromodichloromethane	7.108	83	242559	49.017	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	317297	50.284	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	675219	109.823	ug/L	95
42) Toluene	7.970	91	783219	49.196	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	308437	50.873	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	181166	49.543	ug/L	96
46) Tetrachloroethene	8.555	164	147237	48.613	ug/L	97
48) 2-Hexanone	8.687	43	575929	113.271	ug/L	94
49) Dibromochloromethane	8.812	129	207370	49.015	ug/L	98
50) 1,2-Dibromoethane	8.925	107	204204	50.272	ug/L	99
51) Chlorobenzene	9.449	112	500332	49.014	ug/L	99
52) Ethylbenzene	9.571	91	858216	49.256	ug/L	100
53) m,p-Xylene	9.697	106	342127	49.491	ug/L	96
54) o-xylene	10.102	106	333568	49.007	ug/L	96
55) Styrene	10.115	104	576192	49.198	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	331490	51.421	ug/L	100
59) Bromoform	10.291	173	170766	50.735	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	275479	52.124	ug/L	96
61) Isopropylbenzene	10.488	105	862267	49.475	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	605073	48.987	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	741757	49.462	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	403320	49.595	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	406903	49.775	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	396519	48.996	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	88300	52.441	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	312328	49.662	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	296867	49.797	ug/L	99
71) Naphthalene	14.086	128	1094899	51.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	296105	49.883	ug/L	99

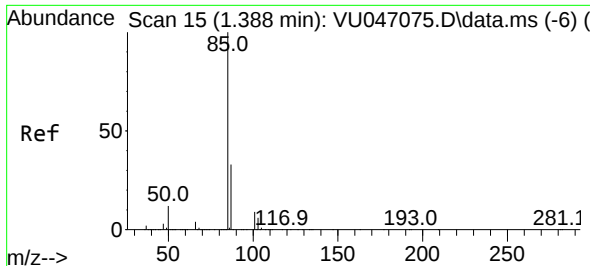
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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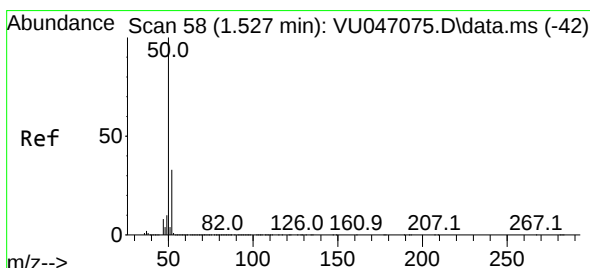
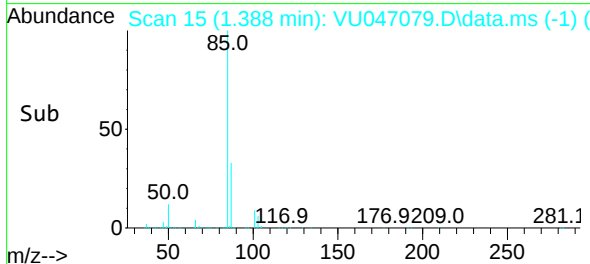
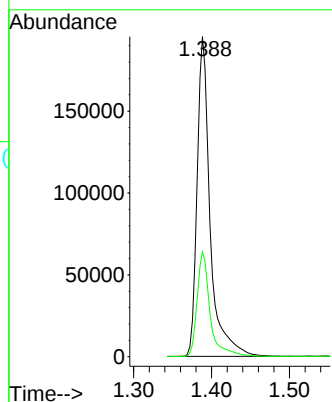
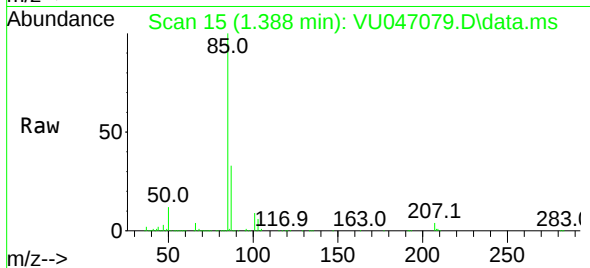




#2
Dichlorodifluoromethane
Concen: 49.368 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

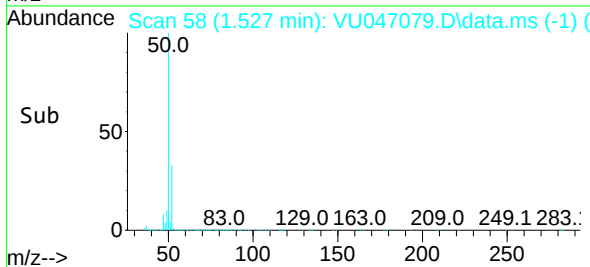
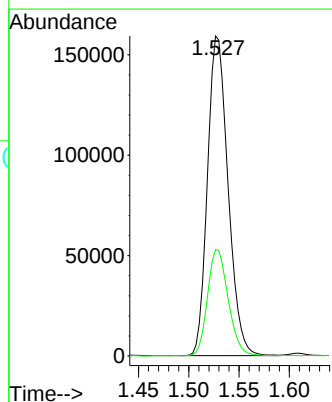
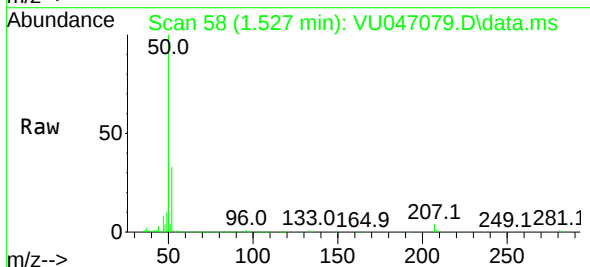
Instrument :
MSVOA_U
ClientSampleId :

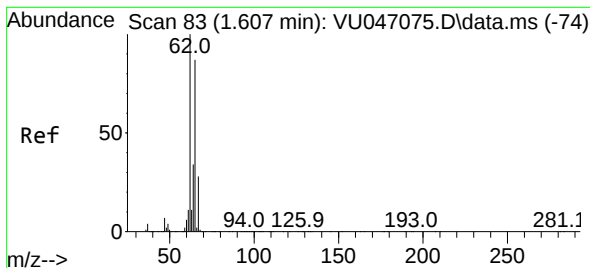
Tgt Ion: 85 Resp: 226448
Ion Ratio Lower Upper
85 100
87 32.6 25.6 38.4



#3
Chloromethane
Concen: 49.937 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 50 Resp: 226666
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 49.457 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.003 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

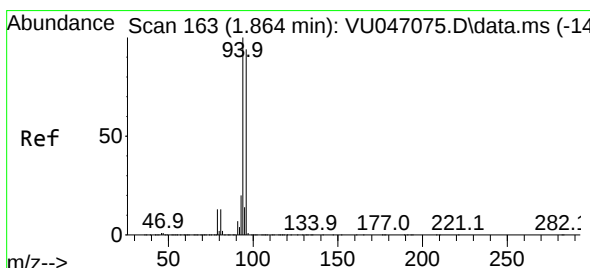
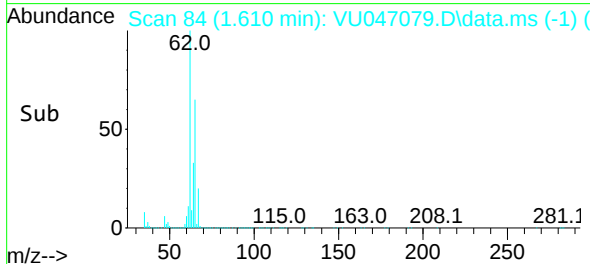
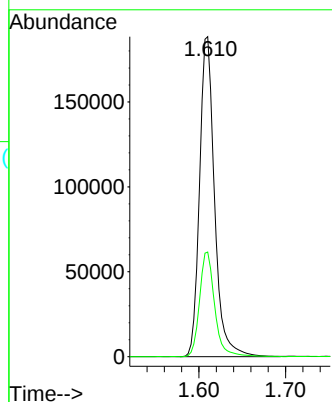
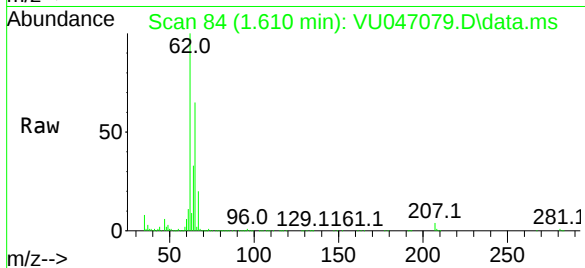
ClientSampleId :

Tgt Ion: 62 Resp: 226230

Ion Ratio Lower Upper

62 100

64 32.7 23.1 42.9



#6

Bromomethane

Concen: 52.020 ug/L

RT: 1.864 min Scan# 163

Delta R.T. -0.000 min

Lab File: VU047079.D

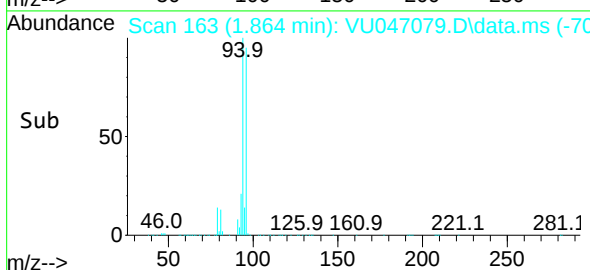
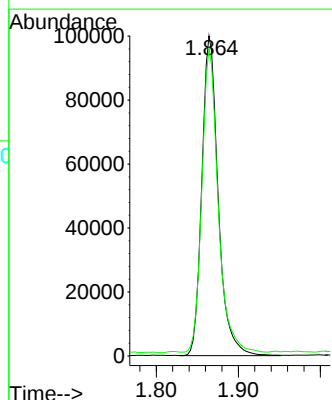
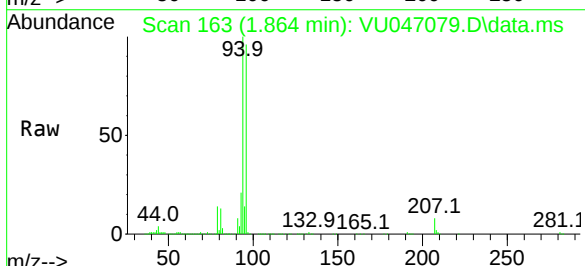
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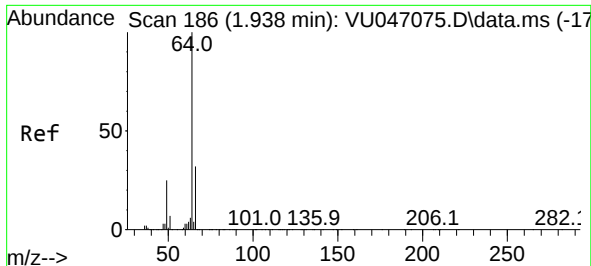
Tgt Ion: 94 Resp: 138414

Ion Ratio Lower Upper

94 100

96 96.0 64.4 119.6

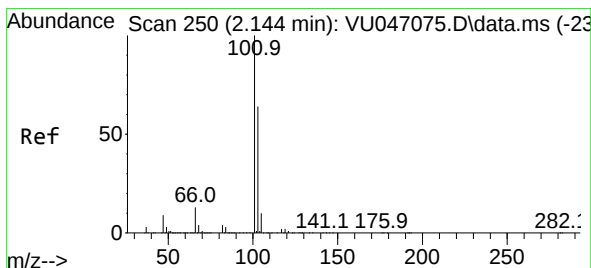
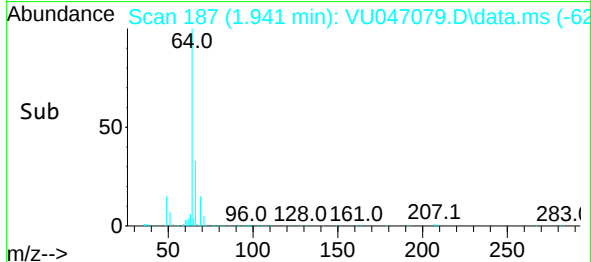
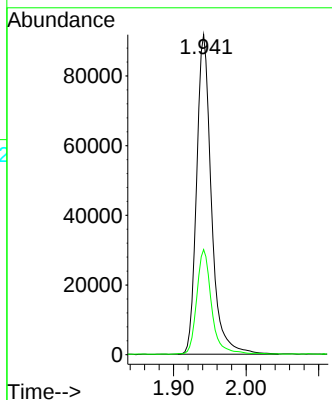
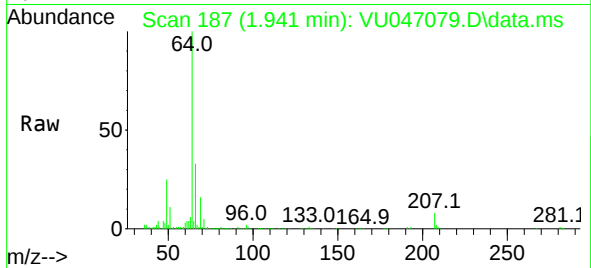




#8
Chloroethane
Concen: 49.204 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

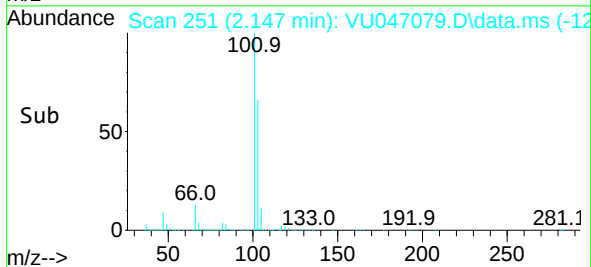
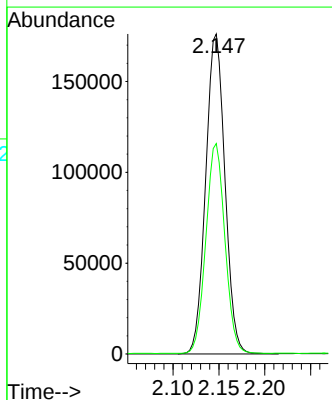
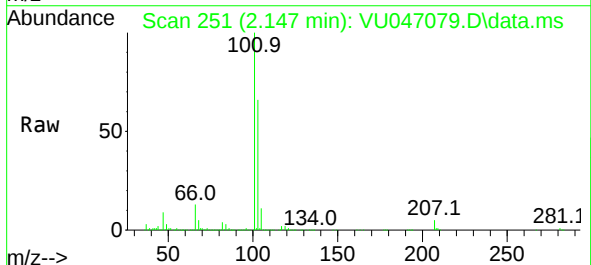
Instrument :
MSVOA_U
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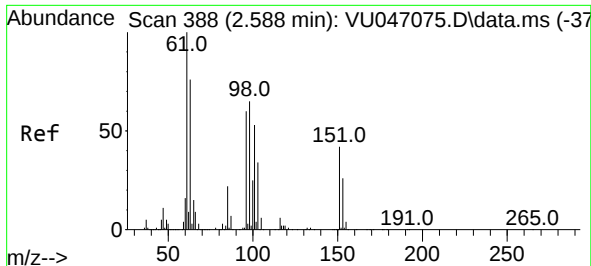
Tgt Ion: 64 Resp: 129753
Ion Ratio Lower Upper
64 100
66 32.9 24.4 45.2



#9
Trichlorofluoromethane
Concen: 48.523 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion:101 Resp: 257030
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

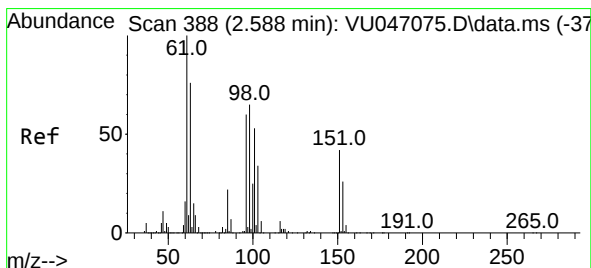
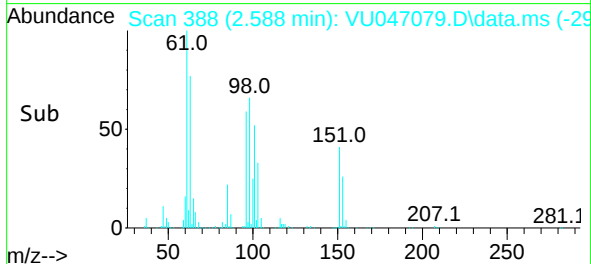
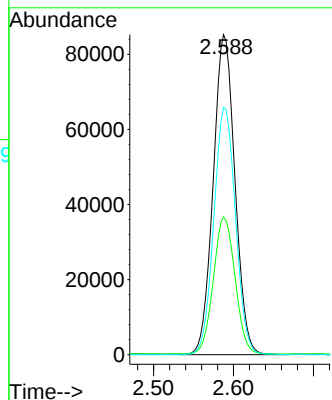
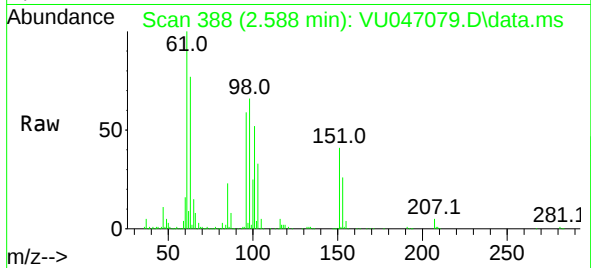




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.372 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047079.D
 Acq: 10 Feb 2022 17:12

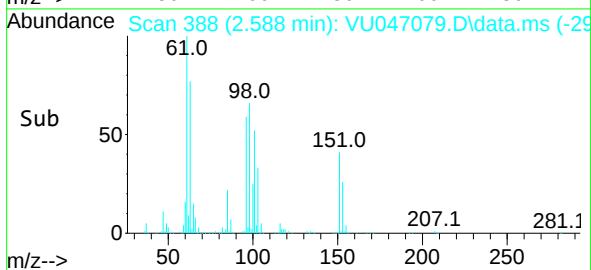
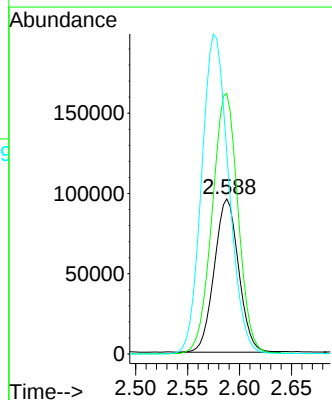
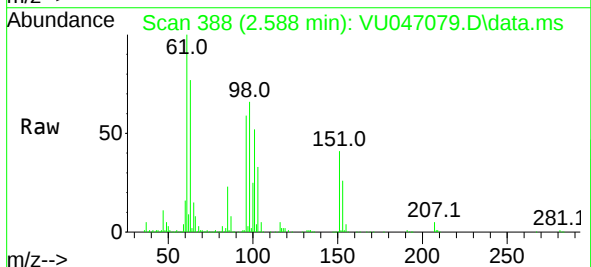
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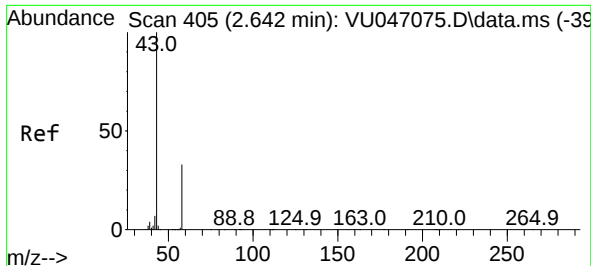
Tgt Ion:101 Resp: 161092
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.9 52.3
 151 77.0 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.632 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047079.D
 Acq: 10 Feb 2022 17:12

Tgt Ion: 96 Resp: 155685
 Ion Ratio Lower Upper
 96 100
 61 168.2 114.9 213.3
 63 129.9 86.0 159.8

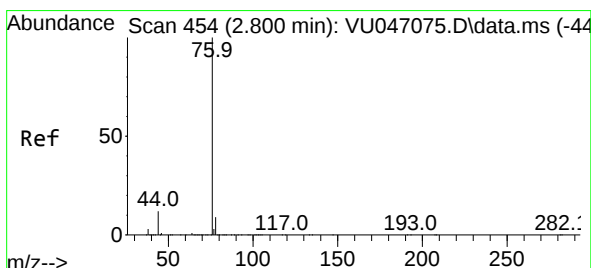
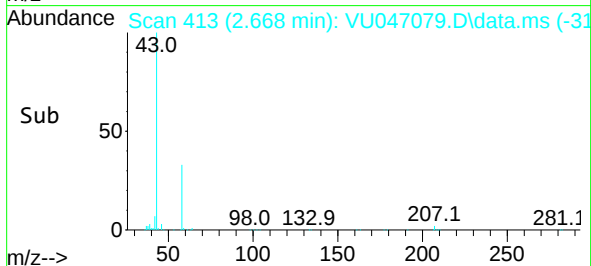
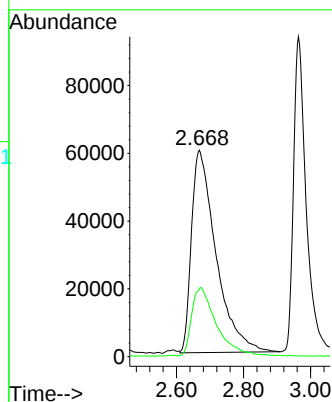
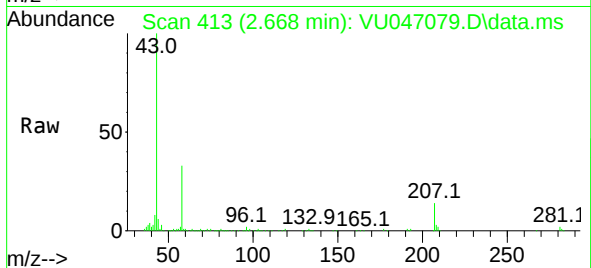




#13
Acetone
Concen: 120.076 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.026 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

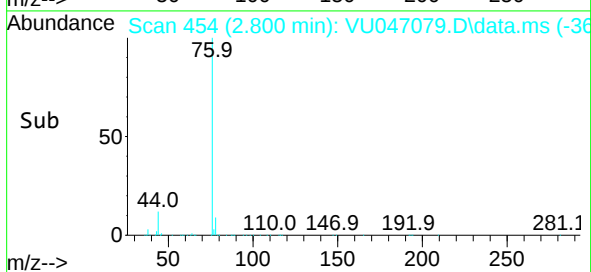
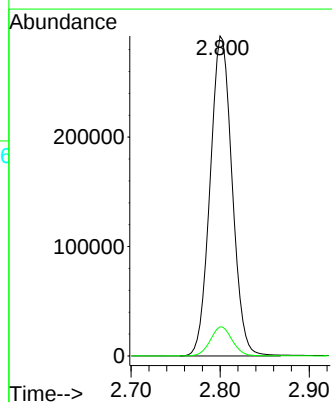
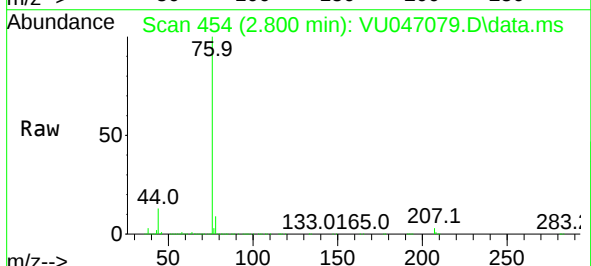
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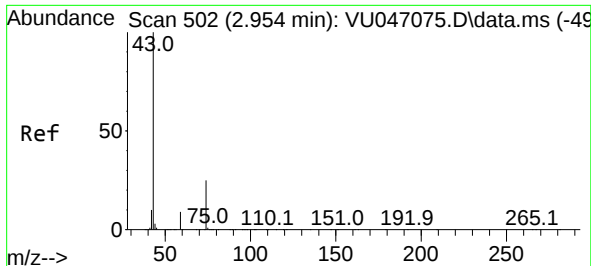
Tgt Ion: 43 Resp: 303312
Ion Ratio Lower Upper
43 100
58 33.6 0.0 71.0



#14
Carbon disulfide
Concen: 49.841 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 76 Resp: 500772
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

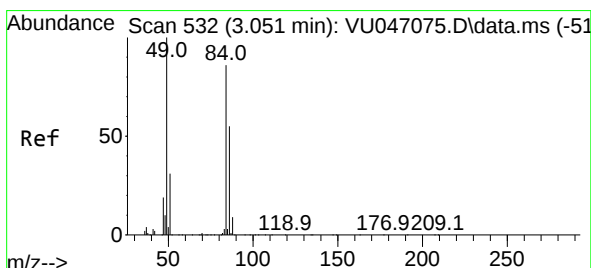
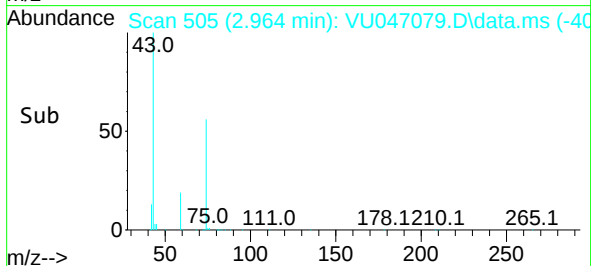
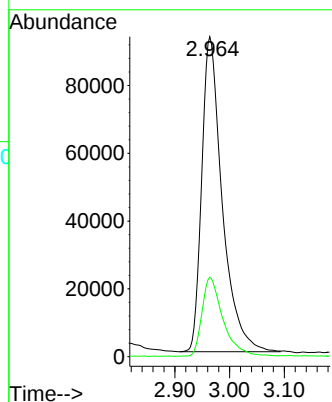
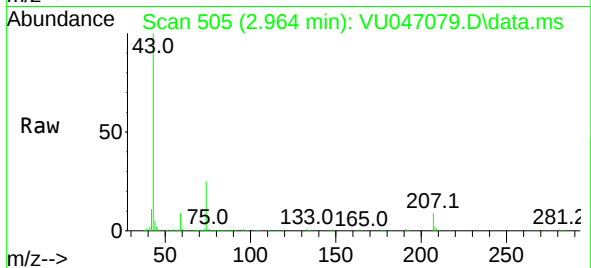




#15
Methyl Acetate
Concen: 56.891 ug/L
RT: 2.964 min Scan# 502
Delta R.T. 0.009 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

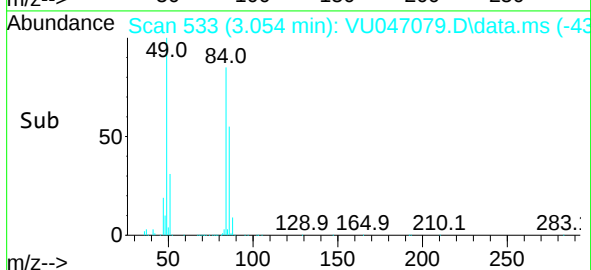
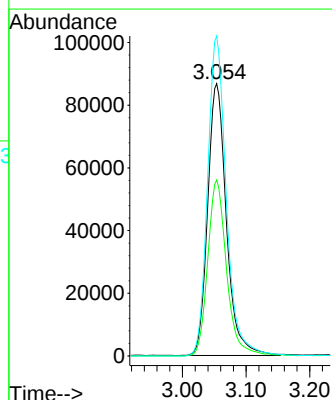
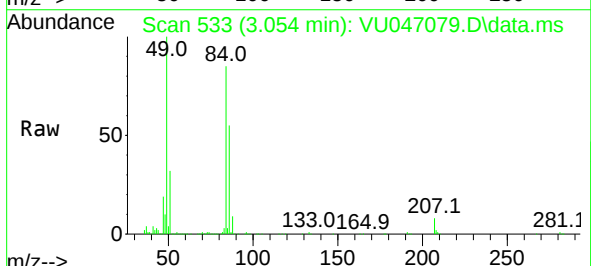
Instrument :
MSVOA_U
ClientSampleId :

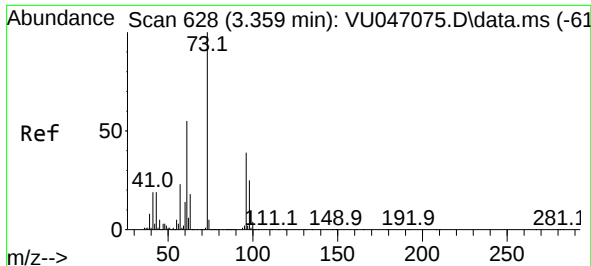
Tgt Ion: 43 Resp: 241832
Ion Ratio Lower Upper
43 100
74 25.5 22.3 33.5



#16
Methylene chloride
Concen: 50.113 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 84 Resp: 177525
Ion Ratio Lower Upper
84 100
86 64.7 44.7 82.9
49 117.5 75.9 141.1

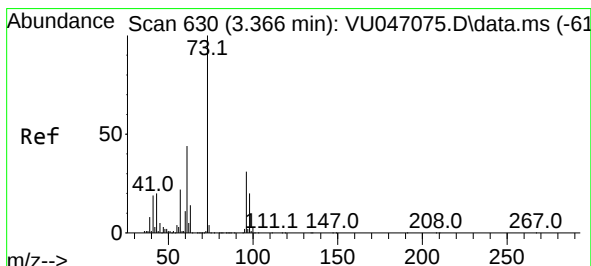
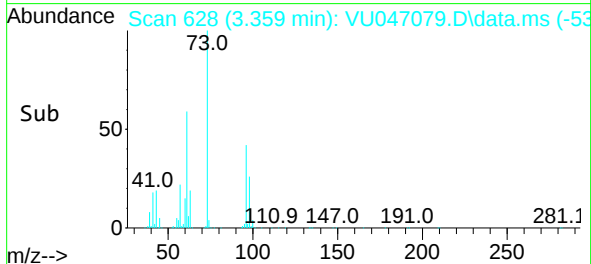
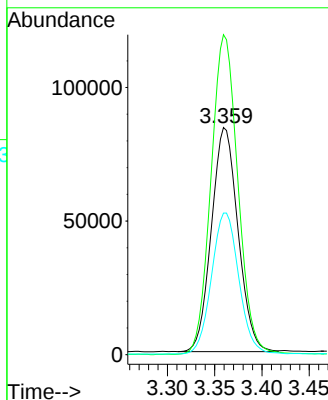
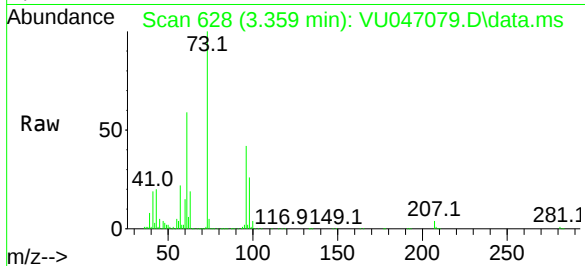




#17
trans-1,2-Dichloroethene
Concen: 48.825 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

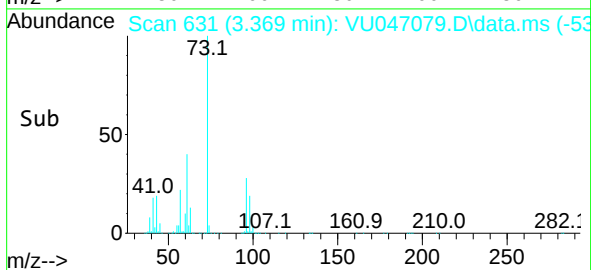
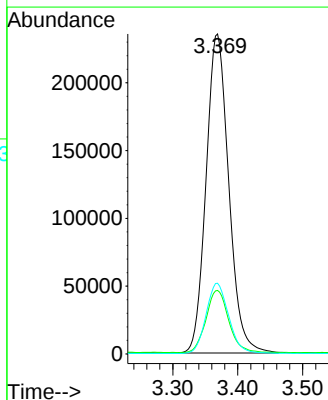
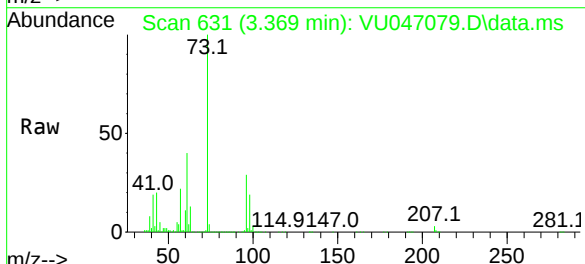
Instrument :
MSVOA_U
ClientSampleId :

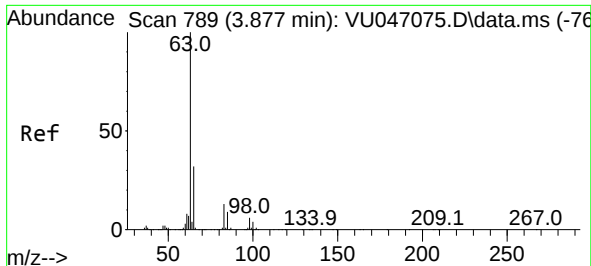
Tgt Ion: 96 Resp: 164218
Ion Ratio Lower Upper
96 100
61 140.8 92.5 171.9
98 62.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 50.244 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

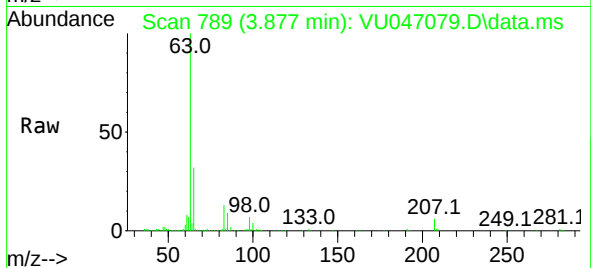
Tgt Ion: 73 Resp: 571480
Ion Ratio Lower Upper
73 100
43 19.6 14.1 21.1
57 22.0 16.4 24.6



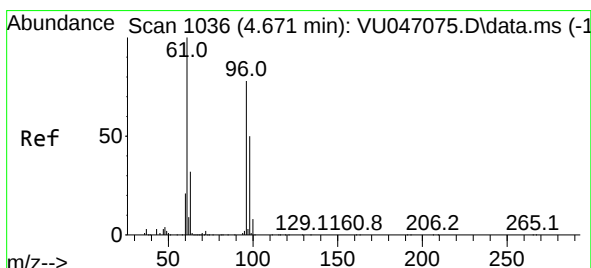
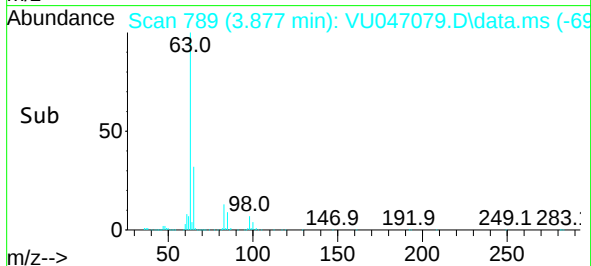
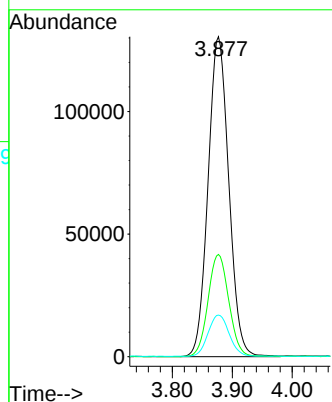


#19
1,1-Dichloroethane
Concen: 49.614 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :

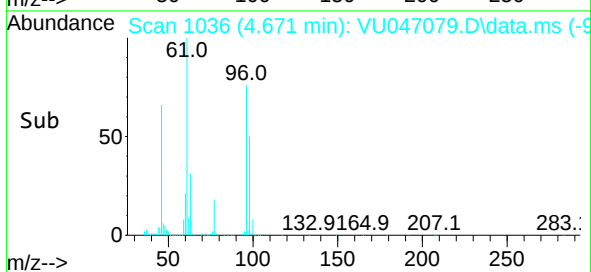
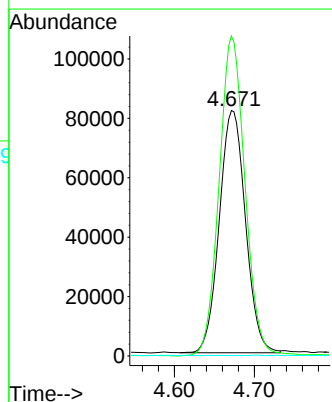
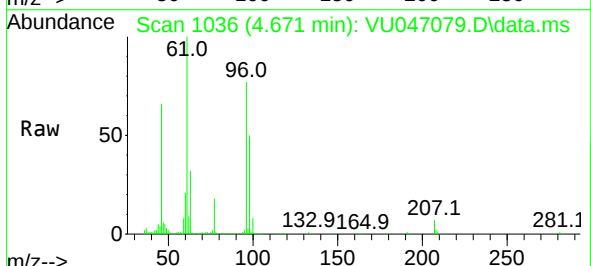


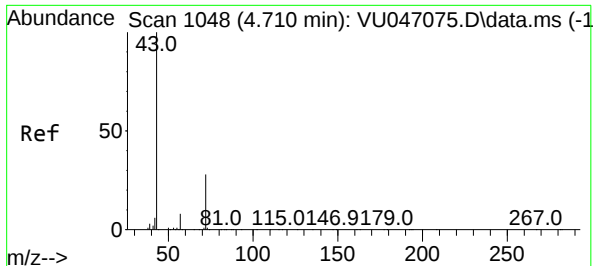
Tgt Ion: 63 Resp: 313391
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 13.0 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 49.762 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 96 Resp: 185128
Ion Ratio Lower Upper
96 100
61 130.4 86.0 159.6
68 0.2 0.0 0.0#

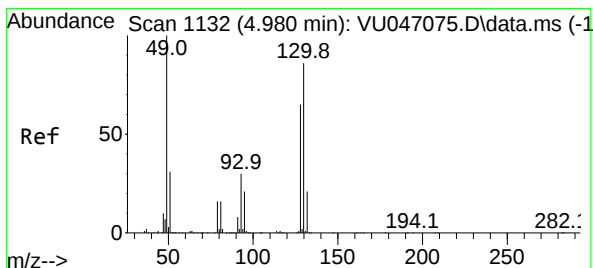
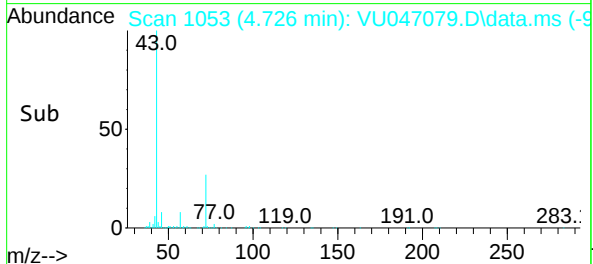
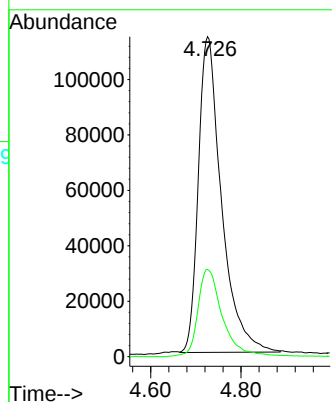
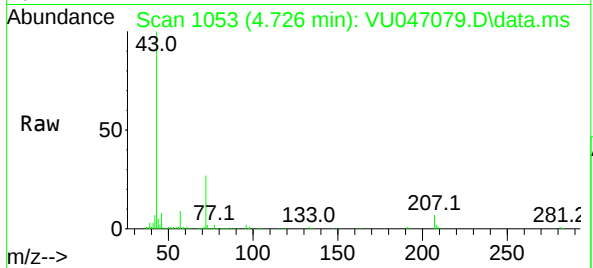




#22
2-Butanone
Concen: 119.521 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

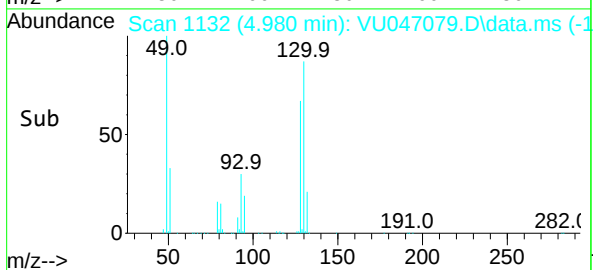
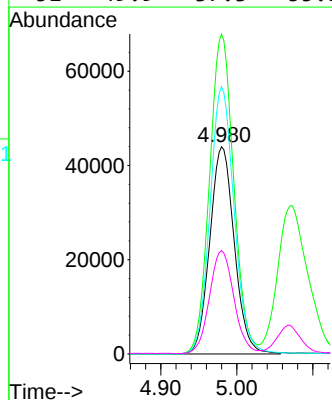
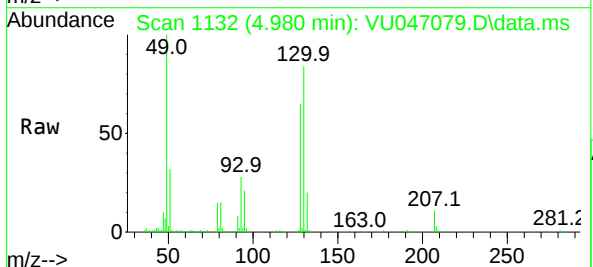
Instrument :
MSVOA_U
ClientSampleId :

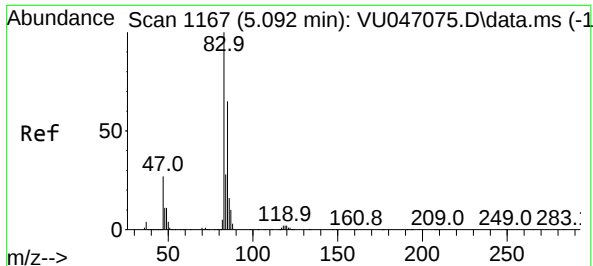
Tgt Ion: 43 Resp: 405087
Ion Ratio Lower Upper
43 100
72 28.8 15.6 46.8



#23
Bromochloromethane
Concen: 49.902 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 128 Resp: 98456
Ion Ratio Lower Upper
128 100
49 154.5 105.4 195.8
130 129.0 88.7 164.7
51 49.9 37.3 55.9





#25

Chloroform

Concen: 49.291 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

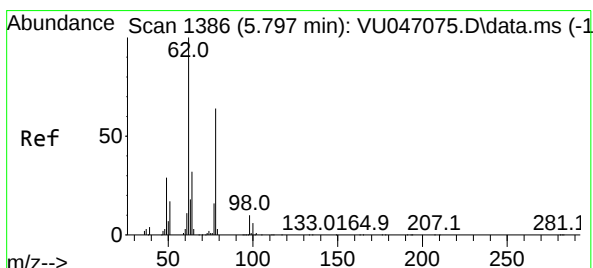
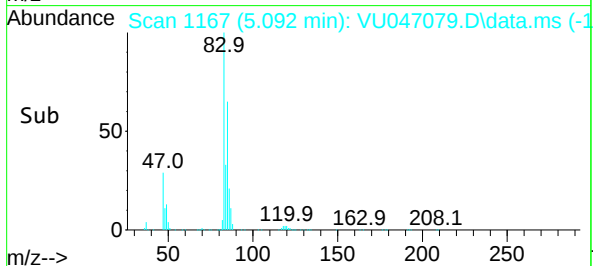
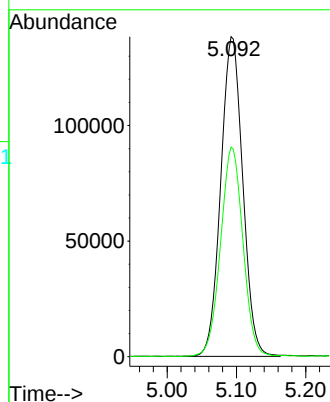
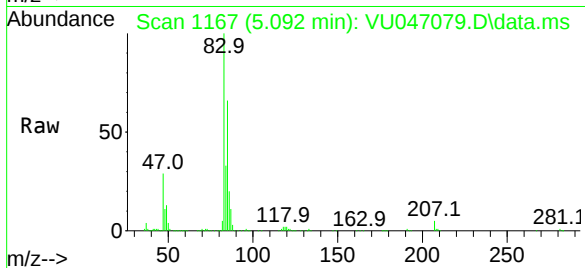
ClientSampleId :

Tgt Ion: 83 Resp: 304991

Ion Ratio Lower Upper

83 100

85 65.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.787 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047079.D

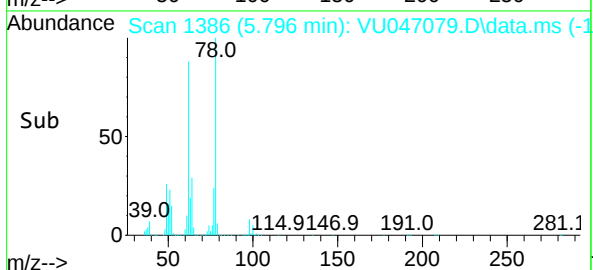
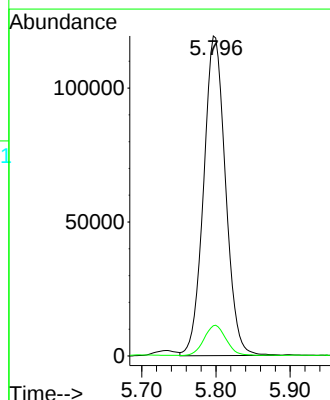
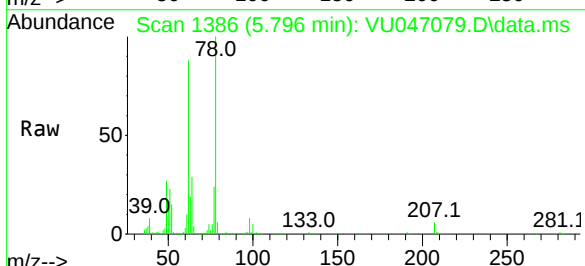
Acq: 10 Feb 2022 17:12

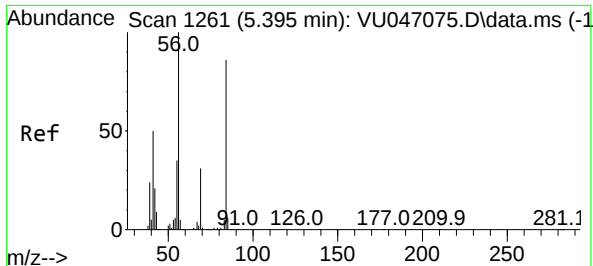
Tgt Ion: 62 Resp: 244780

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 49.324 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

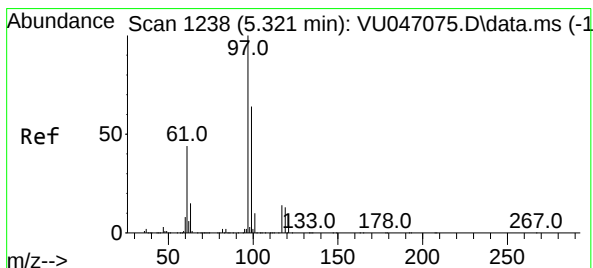
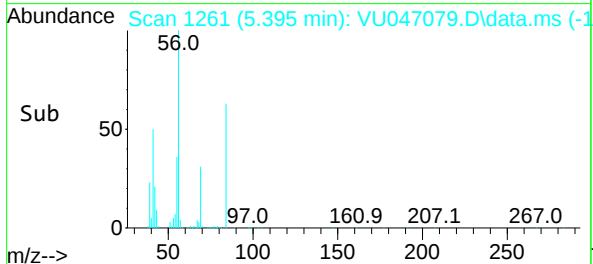
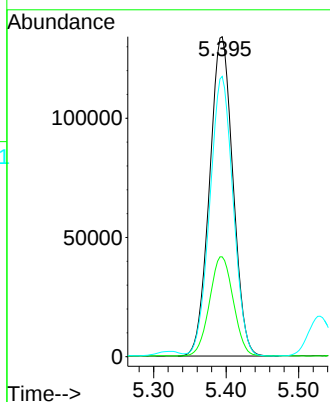
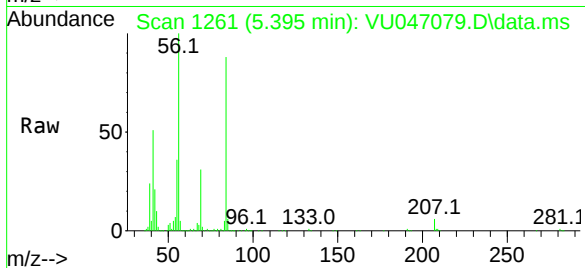
Tgt Ion: 56 Resp: 300406

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.6

84 87.4 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 48.661 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

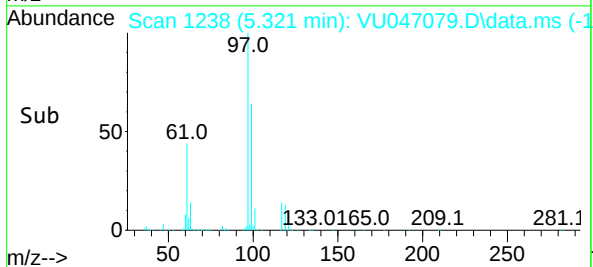
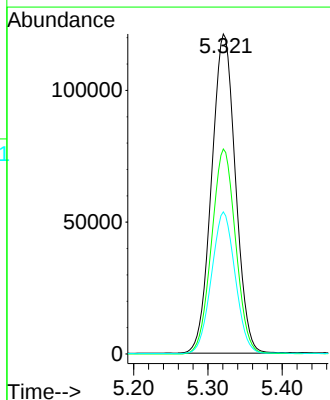
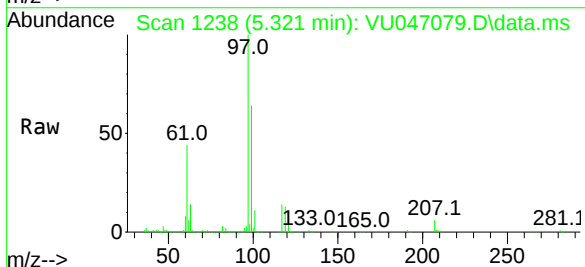
Tgt Ion: 97 Resp: 270862

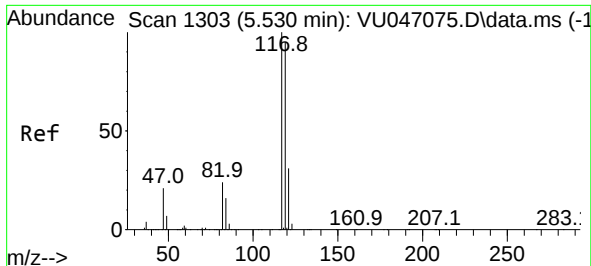
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 44.1 34.1 51.1

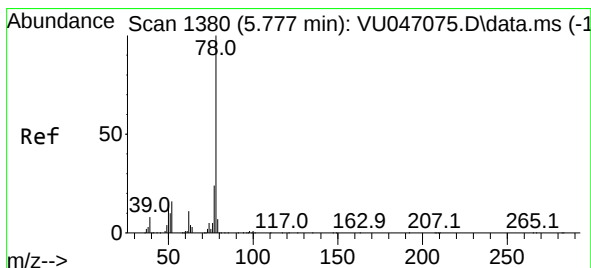
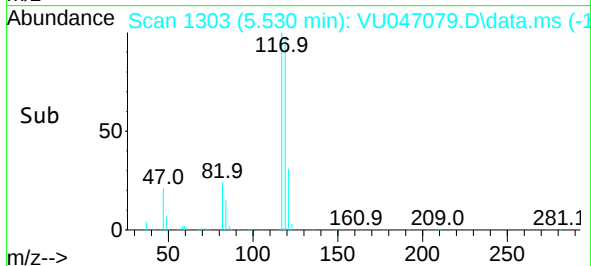
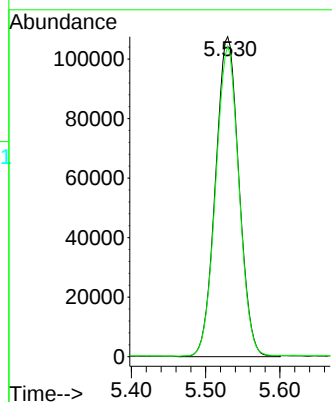
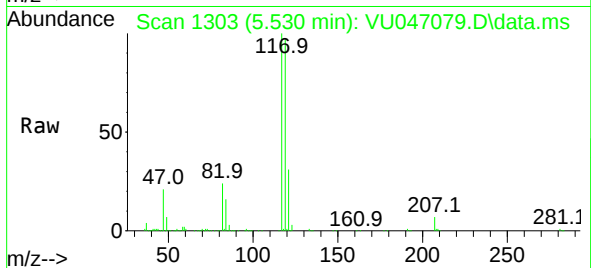




#31
Carbon tetrachloride
Concen: 49.001 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

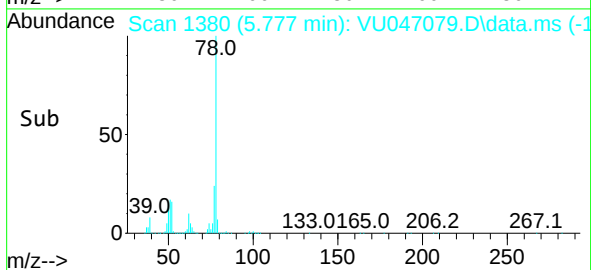
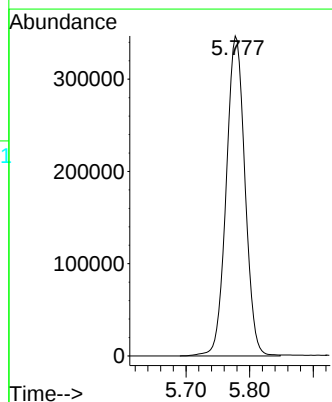
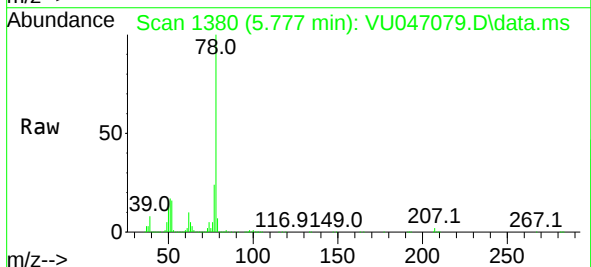
Instrument :
MSVOA_U
ClientSampleId :

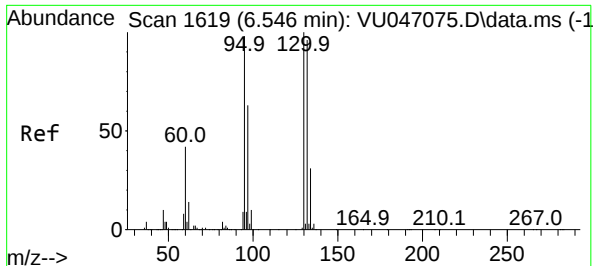
Tgt Ion:117 Resp: 236482
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 48.954 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 78 Resp: 709558





#34

Trichloroethene

Concen: 48.298 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

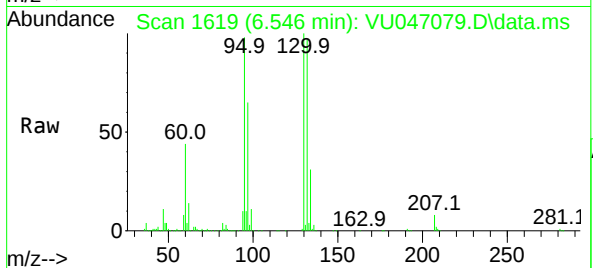
Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 181846

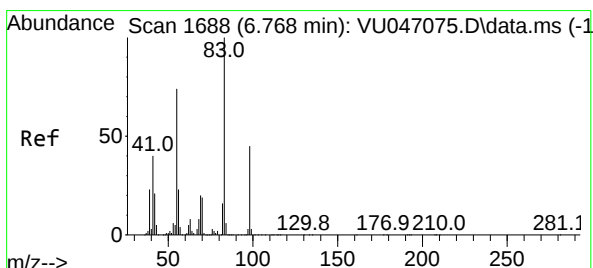
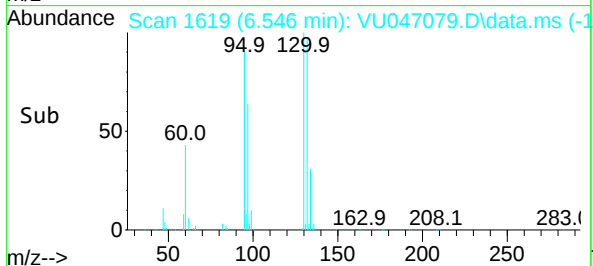
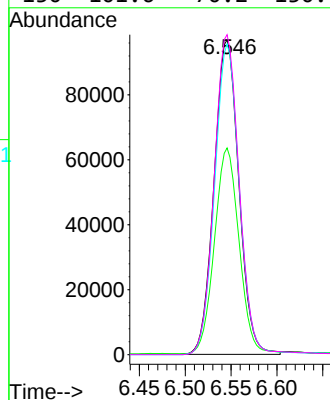
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.7

132 98.7 66.7 123.9

130 101.6 70.2 130.4



#35

Methylcyclohexane

Concen: 49.688 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

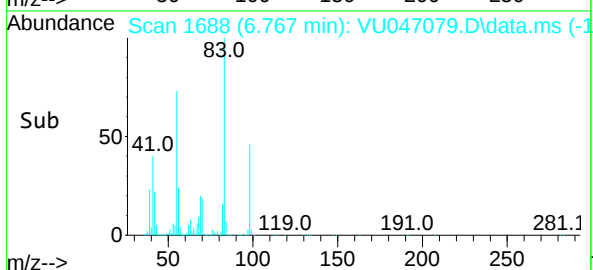
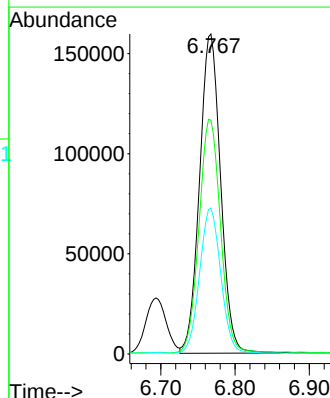
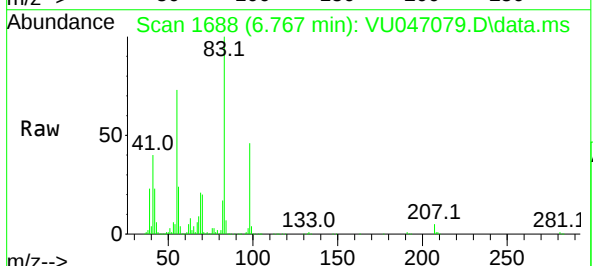
Tgt Ion: 83 Resp: 313902

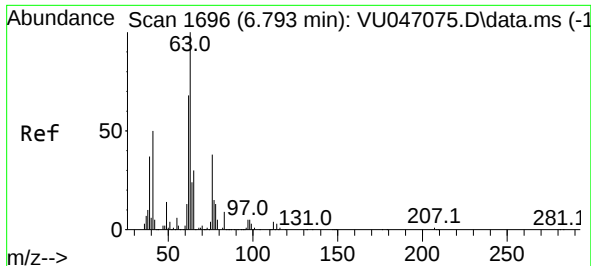
Ion Ratio Lower Upper

83 100

55 74.8 56.6 85.0

98 45.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 49.011 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

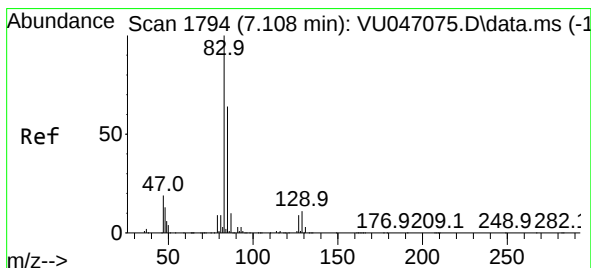
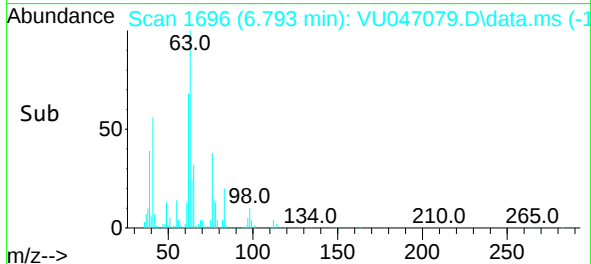
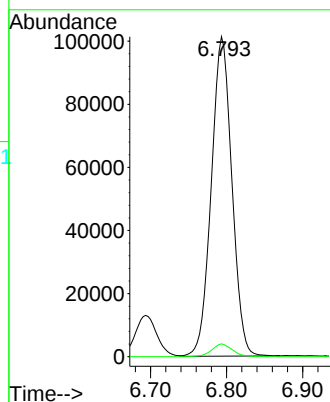
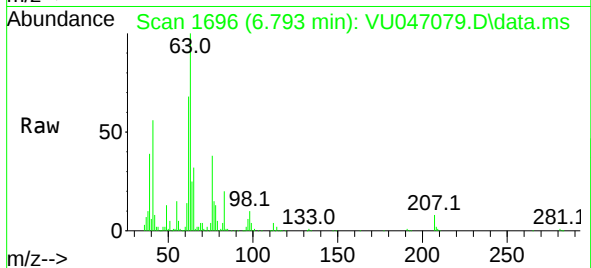
ClientSampleId :

Tgt Ion: 63 Resp: 190287

Ion Ratio Lower Upper

63 100

112 4.0 3.7 5.5



#38

Bromodichloromethane

Concen: 49.017 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

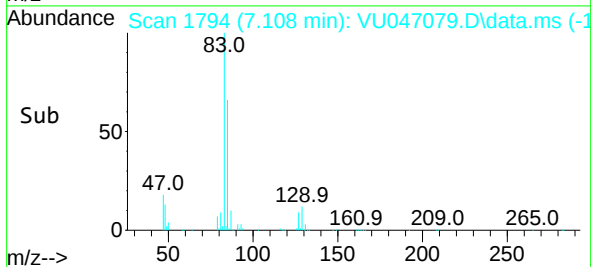
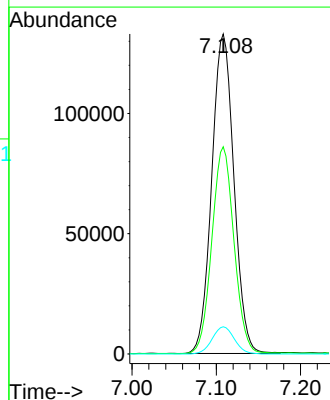
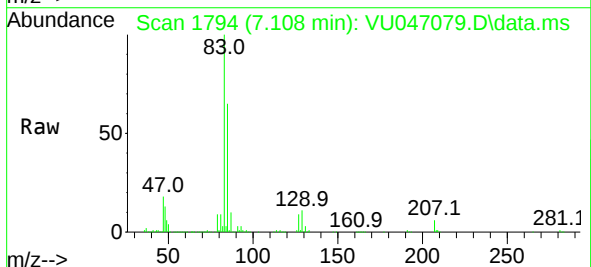
Tgt Ion: 83 Resp: 242559

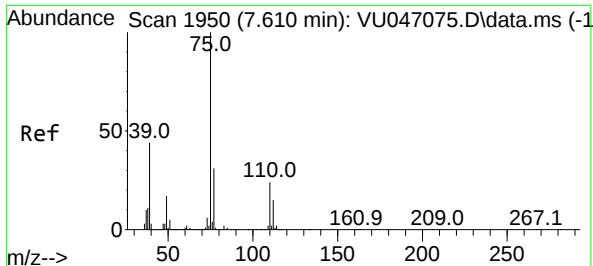
Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6

127 8.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 50.284 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

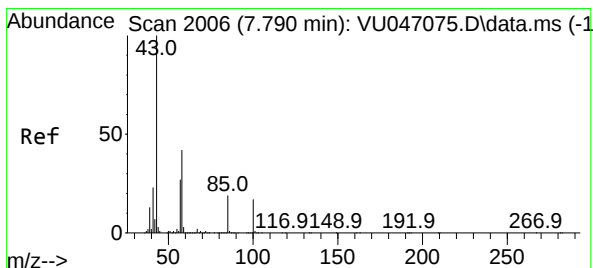
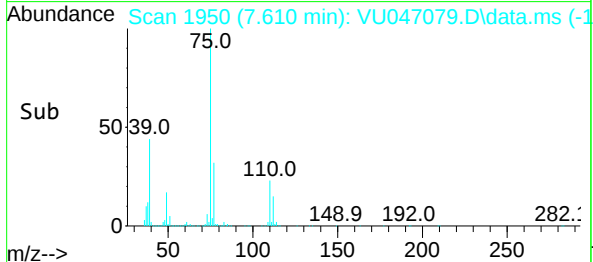
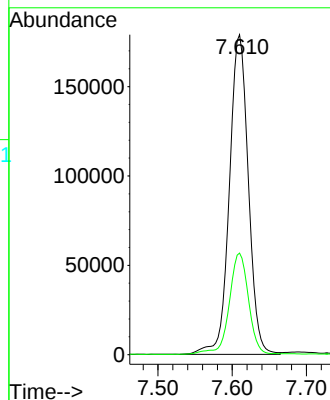
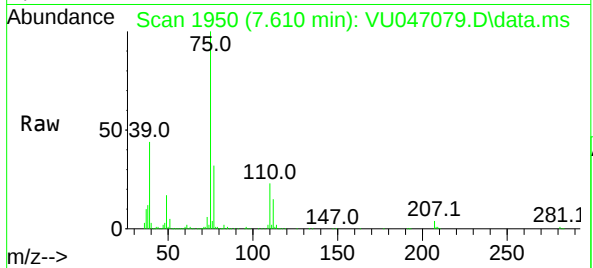
ClientSampleId :

Tgt Ion: 75 Resp: 317297

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 109.823 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

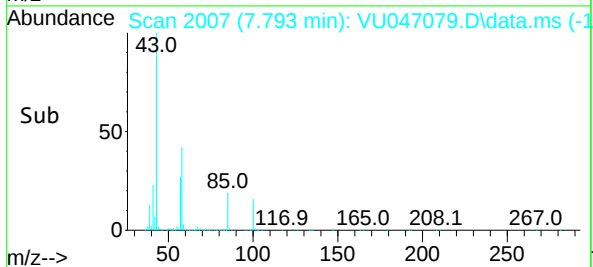
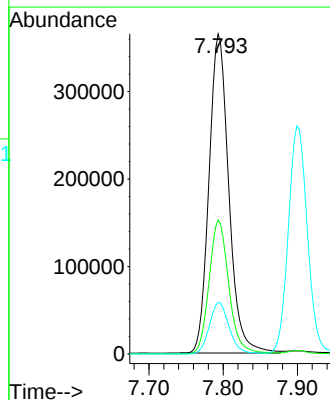
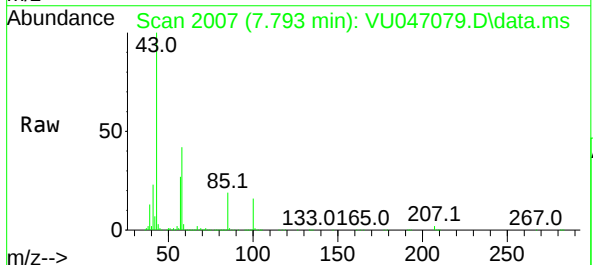
Tgt Ion: 43 Resp: 675219

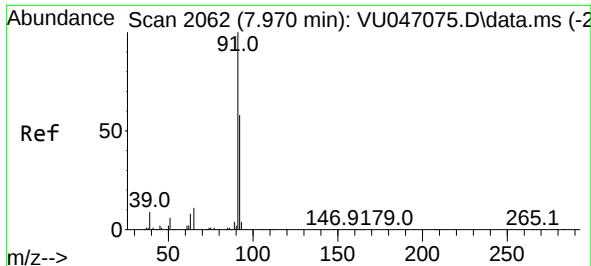
Ion Ratio Lower Upper

43 100

58 41.8 35.8 53.8

100 16.2 15.7 23.5

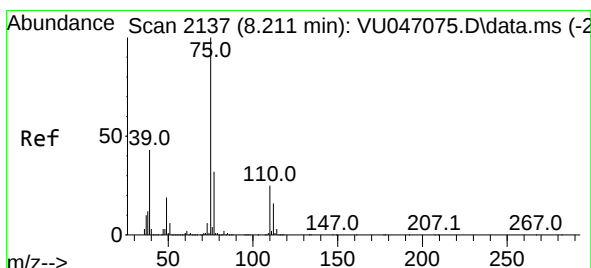
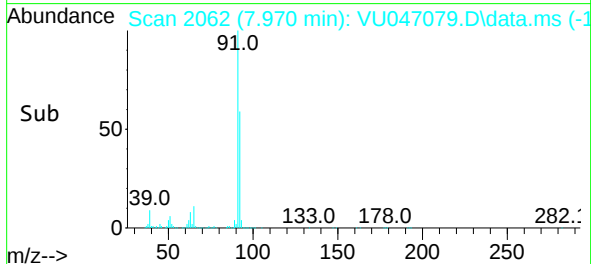
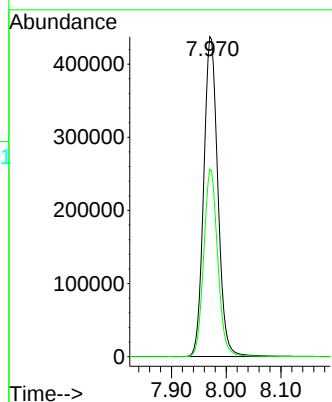
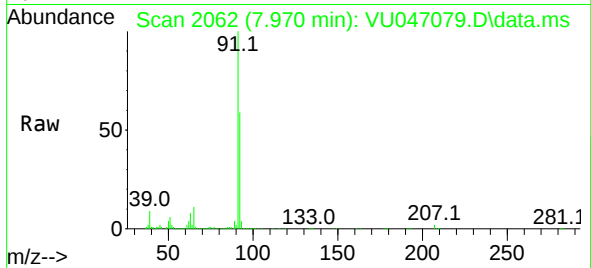




#42
Toluene
Concen: 49.196 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

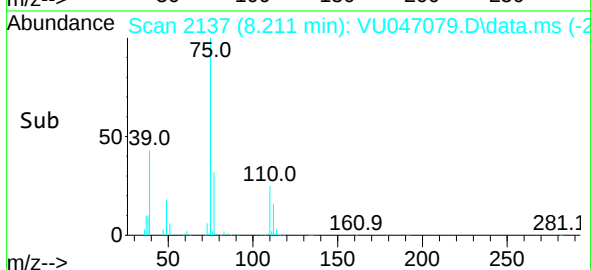
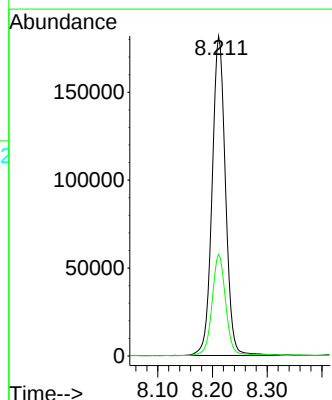
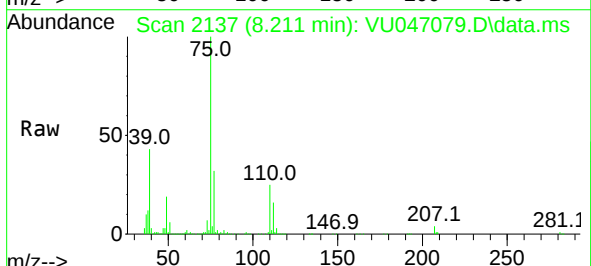
Instrument :
MSVOA_U
ClientSampleId :

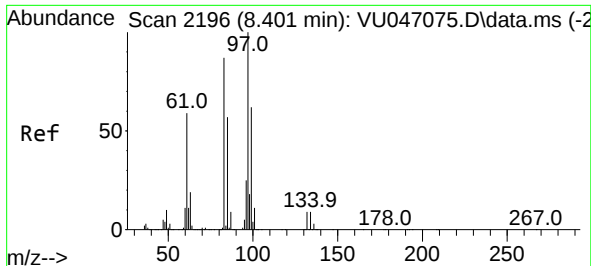
Tgt Ion: 91 Resp: 783219
Ion Ratio Lower Upper
91 100
92 58.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 50.873 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

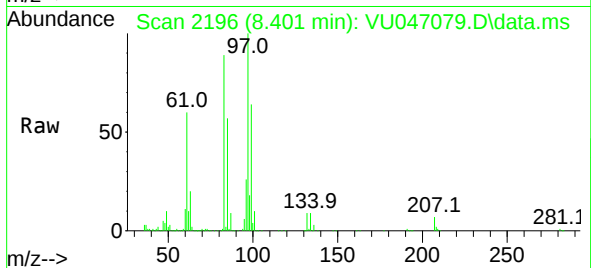
Tgt Ion: 75 Resp: 308437
Ion Ratio Lower Upper
75 100
77 31.8 23.0 42.8



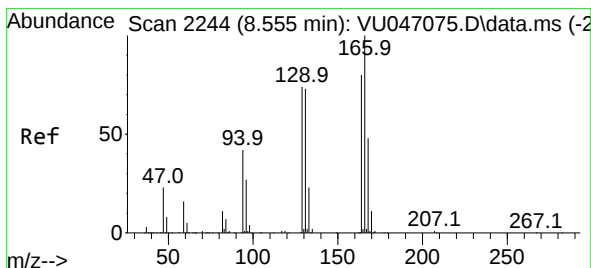
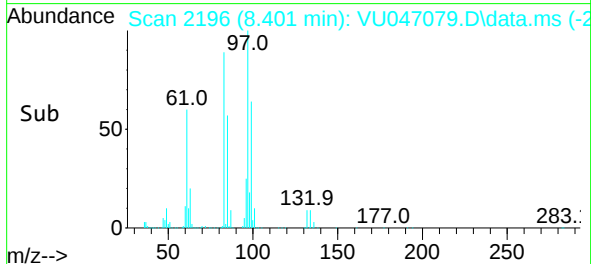
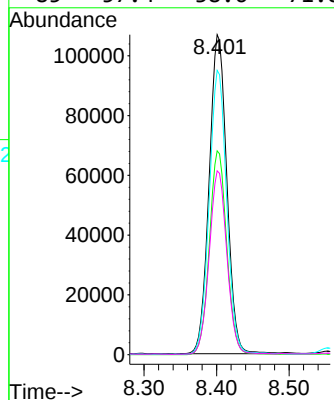


#45
1,1,2-Trichloroethane
Concen: 49.543 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :

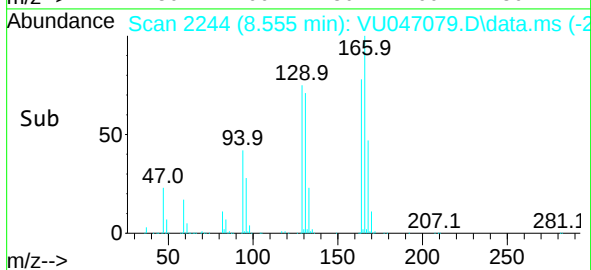
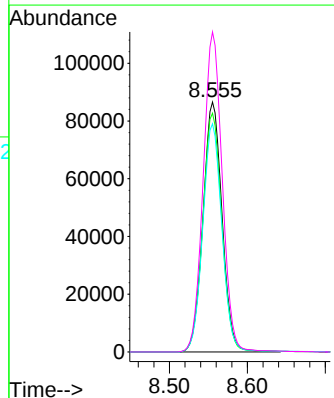
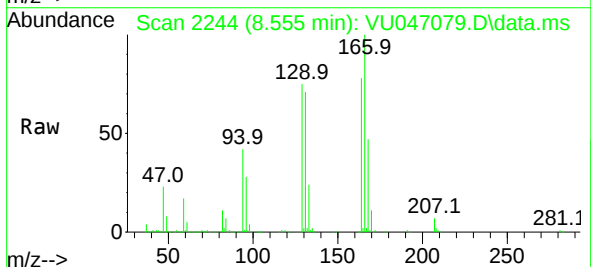


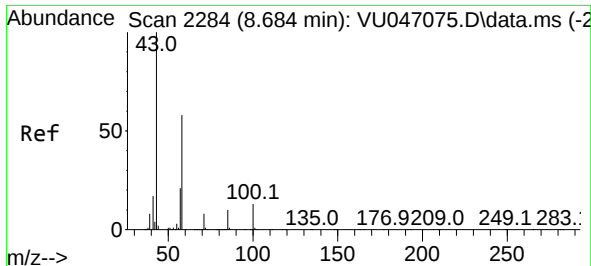
Tgt Ion: 97	Resp: 181166
Ion Ratio	Lower Upper
97 100	
99 63.7	42.4 78.8
83 88.9	59.4 110.4
85 57.4	38.6 71.8



#46
Tetrachloroethene
Concen: 48.613 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

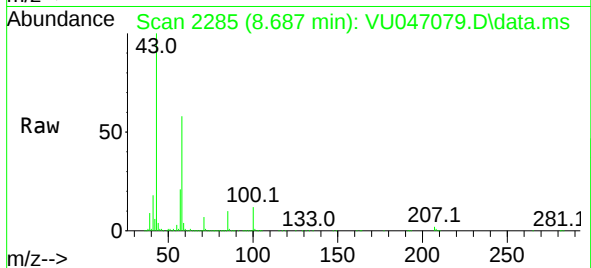
Tgt	Ion:164	Resp:	147237
Ion	Ratio	Lower	Upper
164	100		
129	95.5	69.5	129.1
131	91.3	67.0	124.4
166	128.1	90.6	168.2



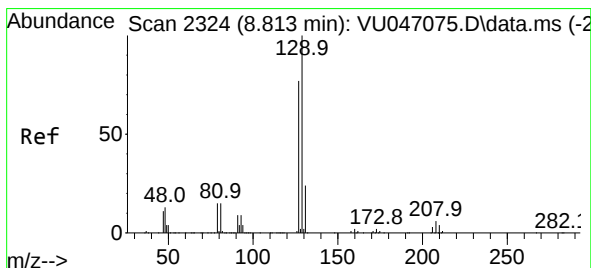
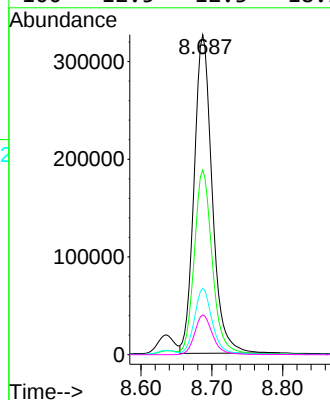
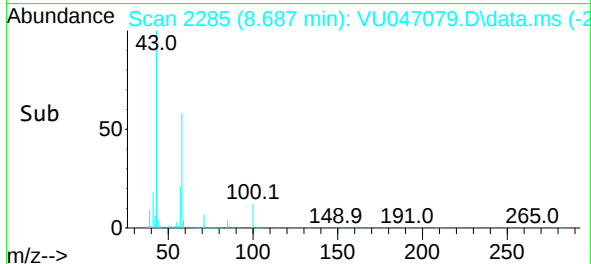


#48
2-Hexanone
Concen: 113.271 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

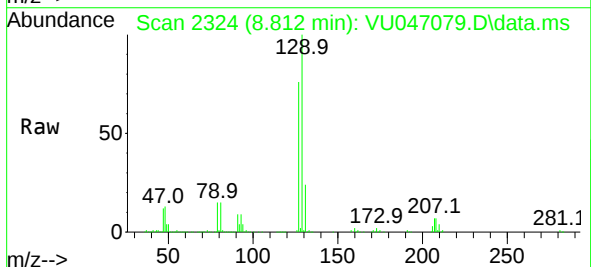
Instrument :
MSVOA_U
ClientSampleId :



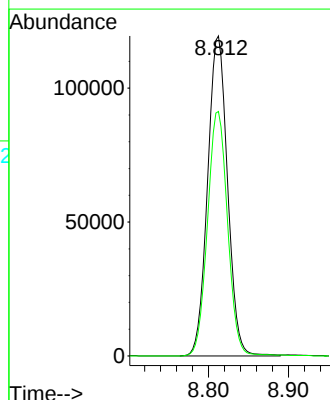
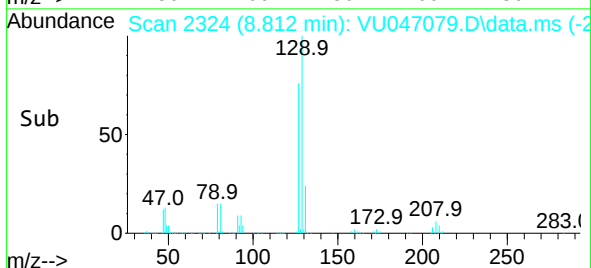
Tgt Ion: 43 Resp: 575929
Ion Ratio Lower Upper
43 100
58 57.3 49.4 74.2
57 20.1 17.5 26.3
100 12.5 12.3 18.5

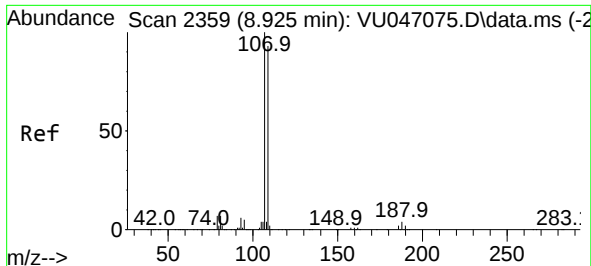


#49
Dibromochloromethane
Concen: 49.015 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12



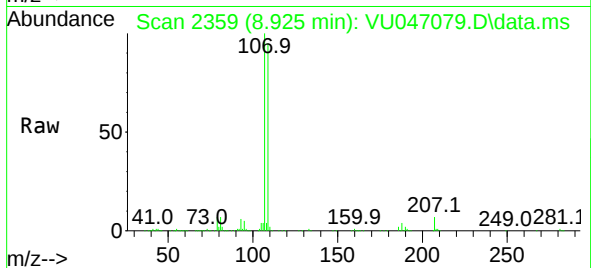
Tgt Ion: 129 Resp: 207370
Ion Ratio Lower Upper
129 100
127 76.4 54.5 101.3



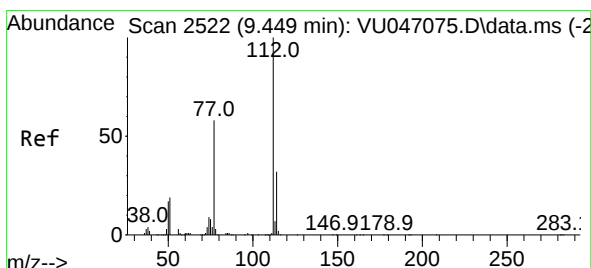
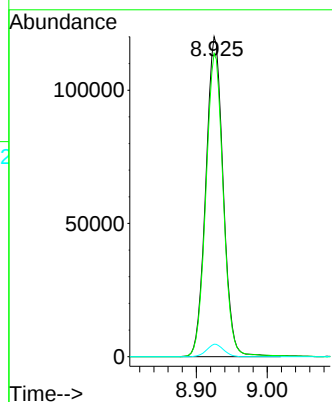
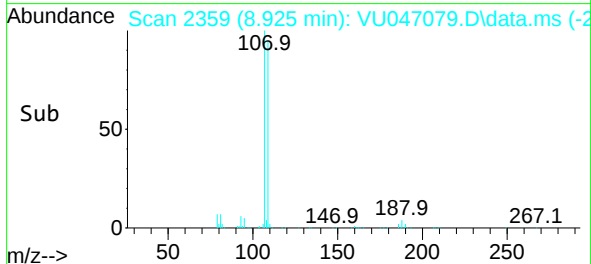


#50
1,2-Dibromoethane
Concen: 50.272 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

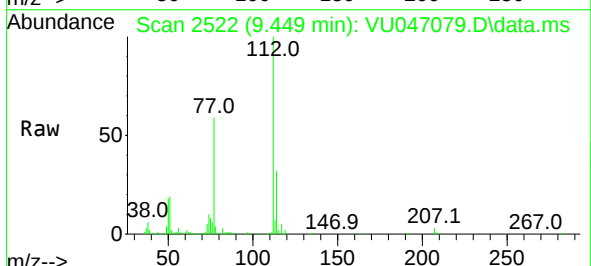
Instrument :
MSVOA_U
ClientSampleId :



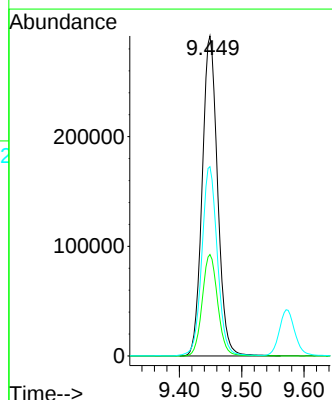
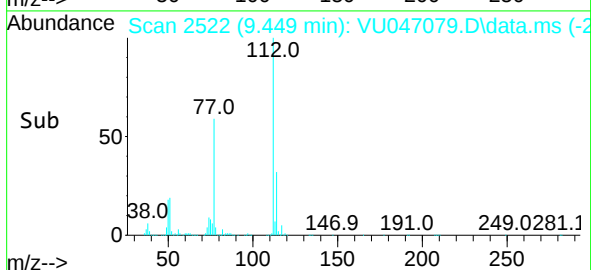
Tgt Ion:107 Resp: 204204
Ion Ratio Lower Upper
107 100
109 94.7 65.6 121.8
188 3.9 3.1 4.7

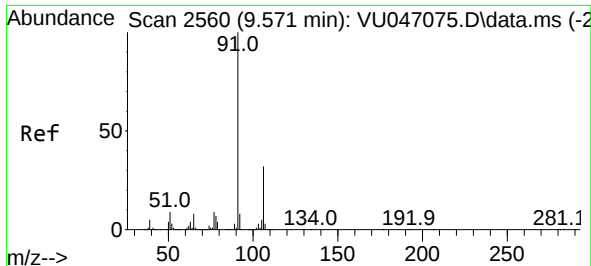


#51
Chlorobenzene
Concen: 49.014 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12



Tgt Ion:112 Resp: 500332
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 59.1 46.5 69.7

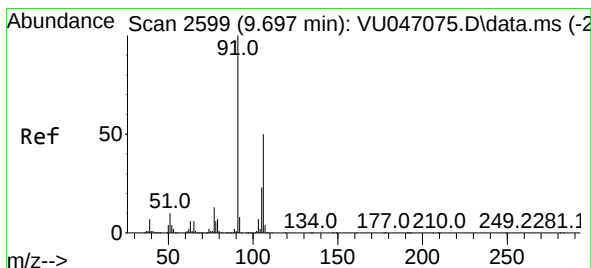
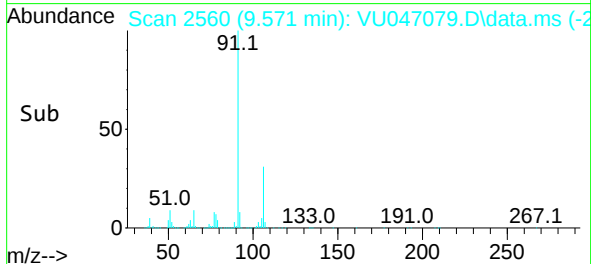
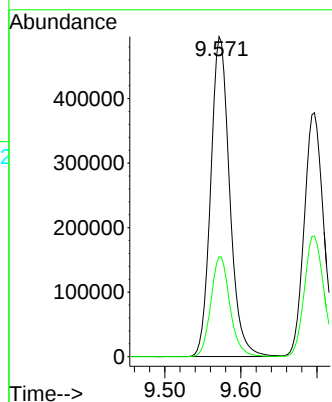
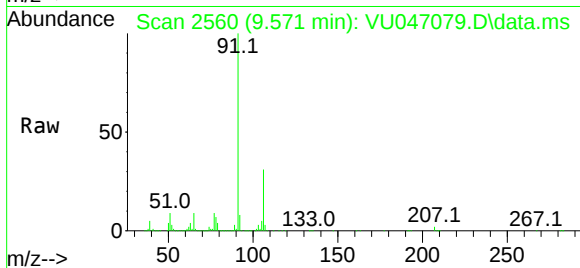




#52
Ethylbenzene
Concen: 49.256 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

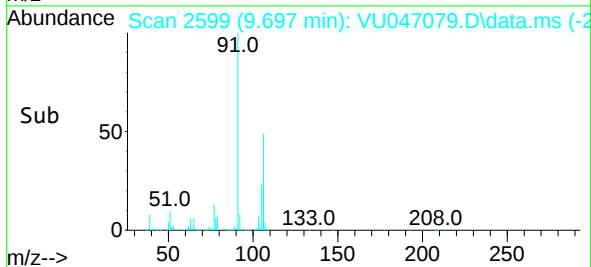
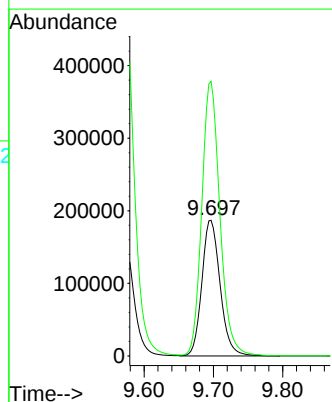
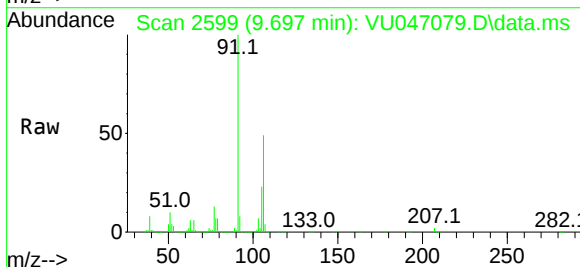
Instrument :
MSVOA_U
ClientSampleId :

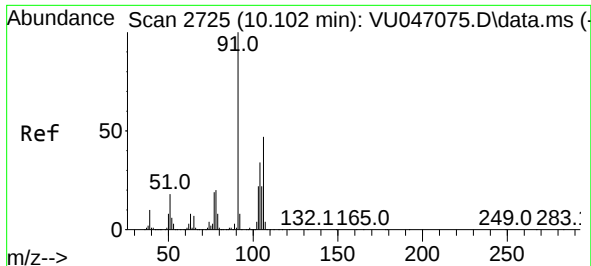
Tgt Ion: 91 Resp: 858216
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 49.491 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 106 Resp: 342127
Ion Ratio Lower Upper
106 100
91 202.3 145.5 270.1

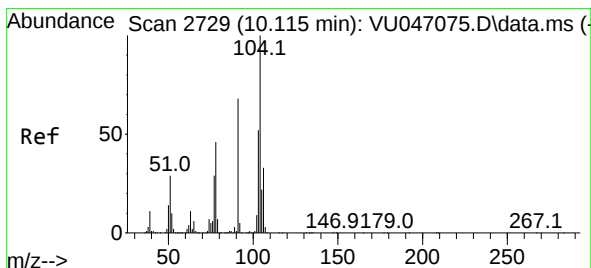
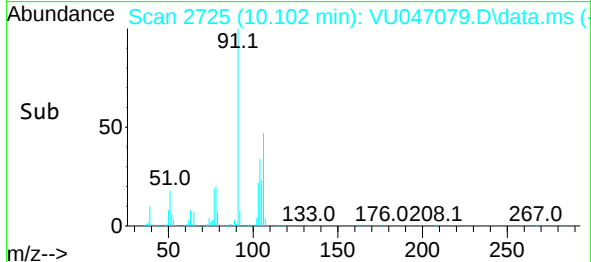
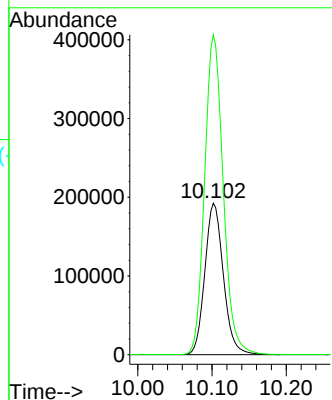
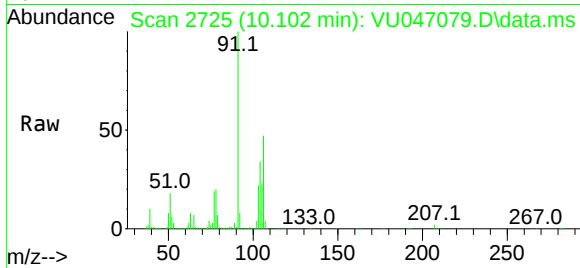




#54
o-xylene
Concen: 49.007 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

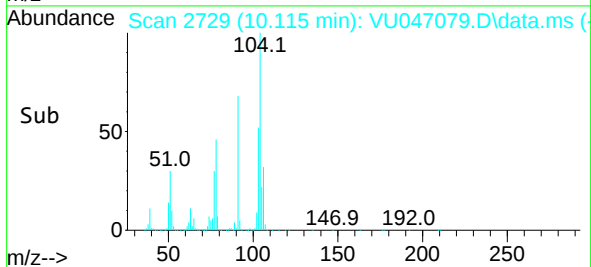
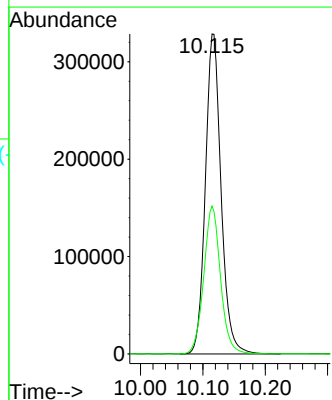
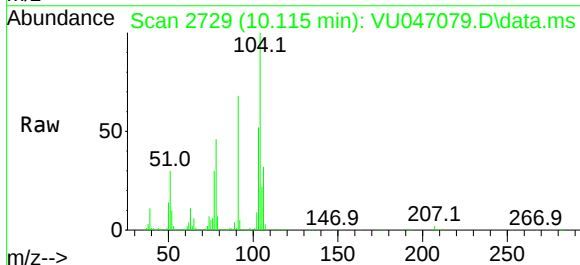
Instrument :
MSVOA_U
ClientSampleId :

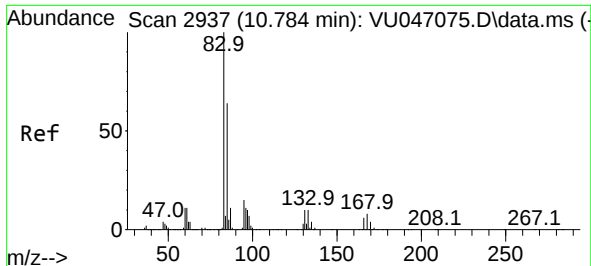
Tgt Ion:106 Resp: 333568
Ion Ratio Lower Upper
106 100
91 211.2 152.0 282.2



#55
Styrene
Concen: 49.198 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion:104 Resp: 576192
Ion Ratio Lower Upper
104 100
78 46.2 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 51.421 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

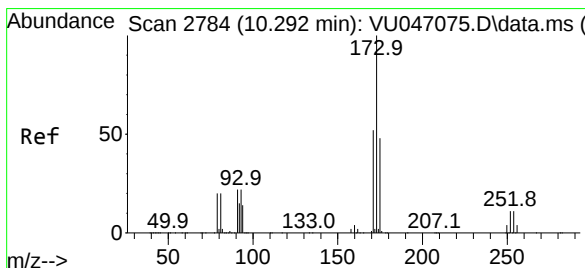
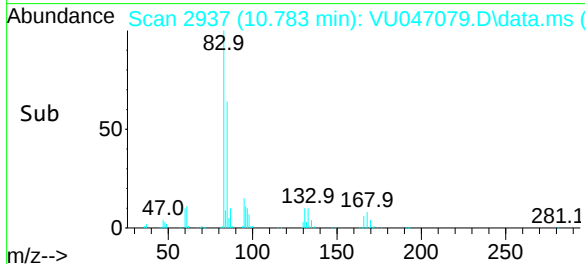
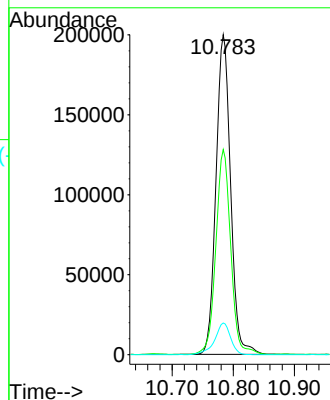
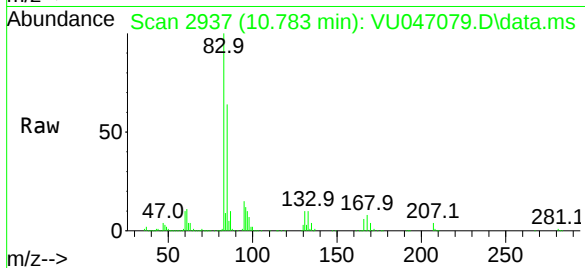
Tgt Ion: 83 Resp: 331490

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

131 9.9 7.8 11.6



#59

Bromoform

Concen: 50.735 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047079.D

Acq: 10 Feb 2022 17:12

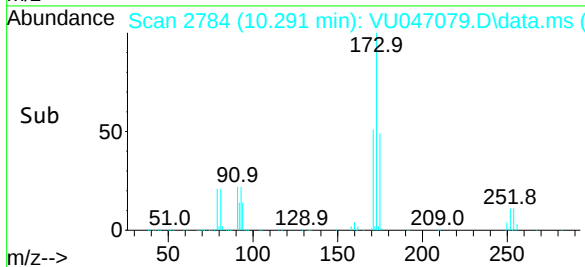
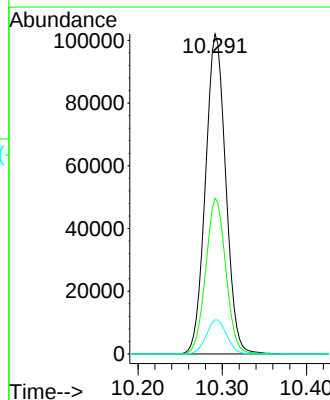
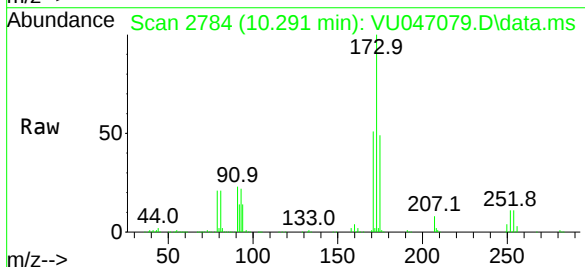
Tgt Ion: 173 Resp: 170766

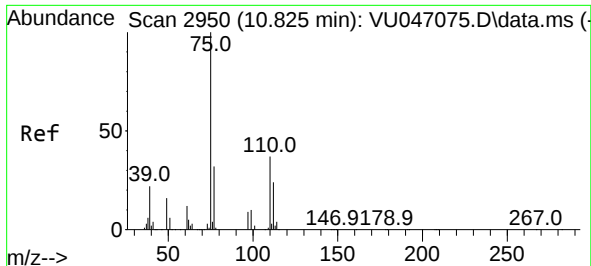
Ion Ratio Lower Upper

173 100

175 48.2 37.6 56.4

254 10.7 8.1 12.1

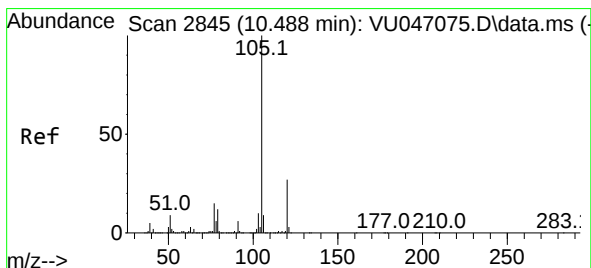
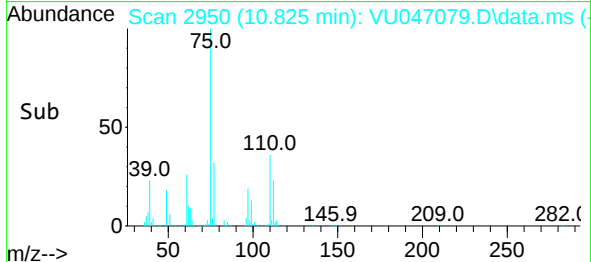
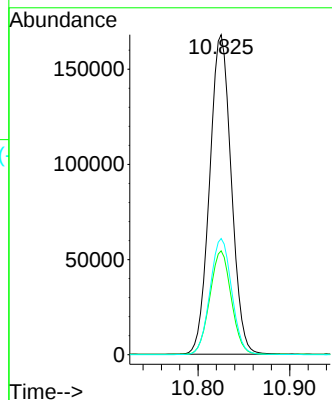
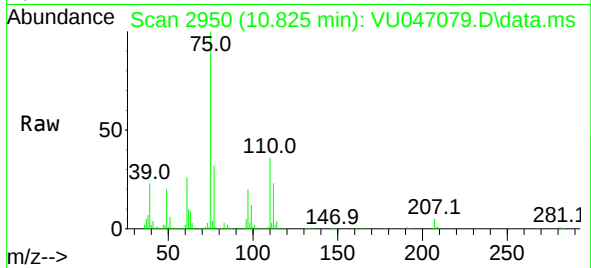




#60
1,2,3-Trichloropropane
Concen: 52.124 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

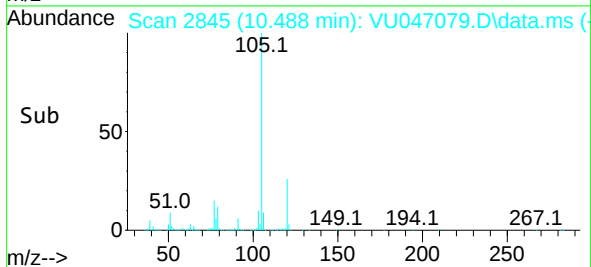
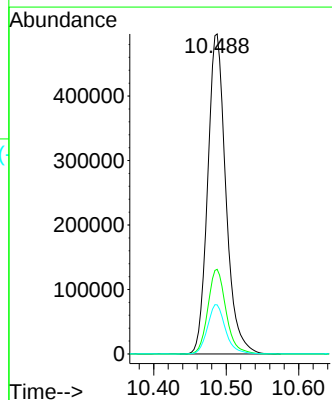
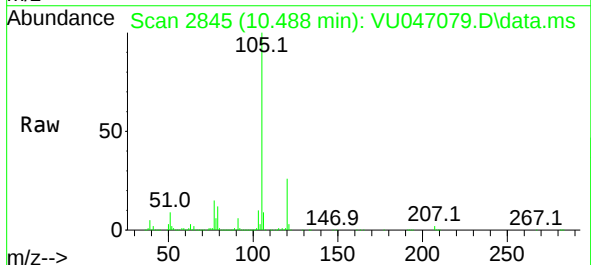
Instrument :
MSVOA_U
ClientSampleId :

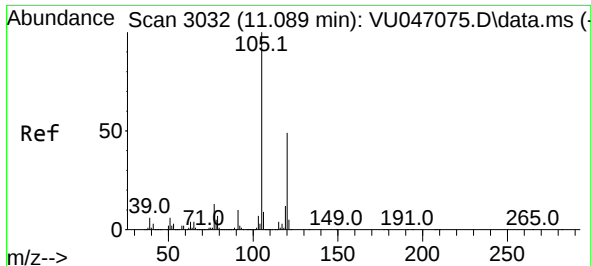
Tgt Ion: 75 Resp: 275479
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 36.4 32.5 48.7



#61
Isopropylbenzene
Concen: 49.475 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion: 105 Resp: 862267
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 15.3 12.6 18.8

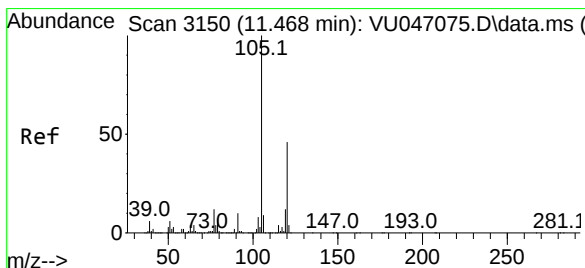
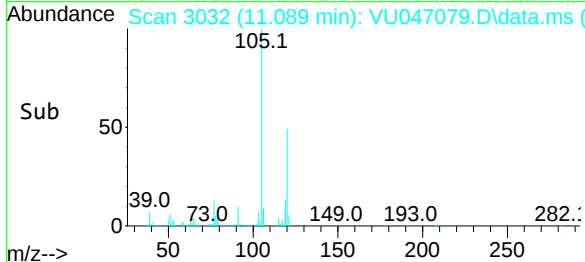
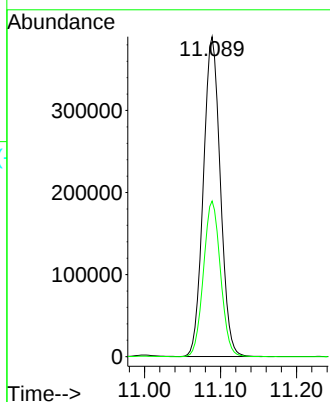
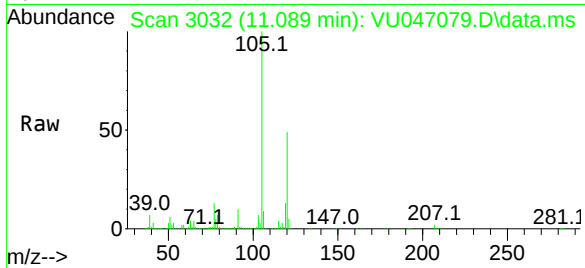




#62
1,3,5-Trimethylbenzene
Concen: 48.987 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

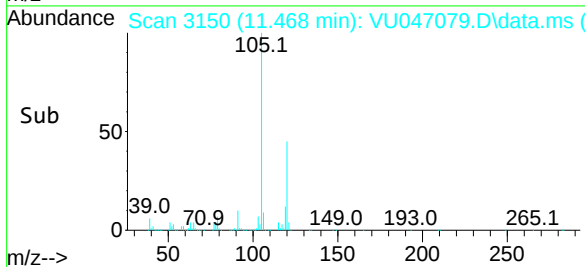
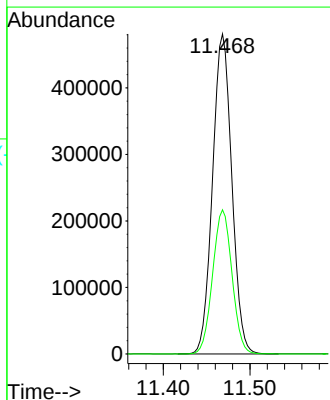
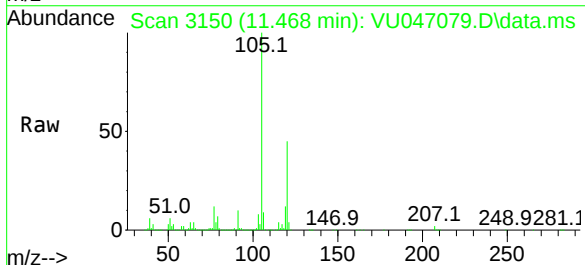
Instrument :
MSVOA_U
ClientSampleId :

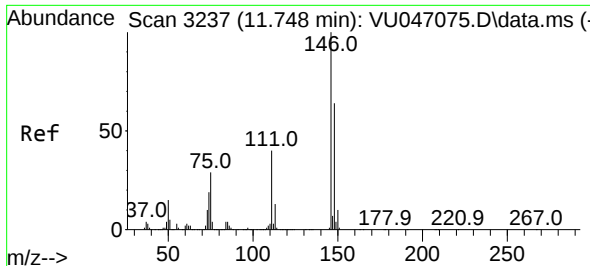
Tgt Ion:105 Resp: 605073
Ion Ratio Lower Upper
105 100
120 48.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 49.462 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion:105 Resp: 741757
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.2

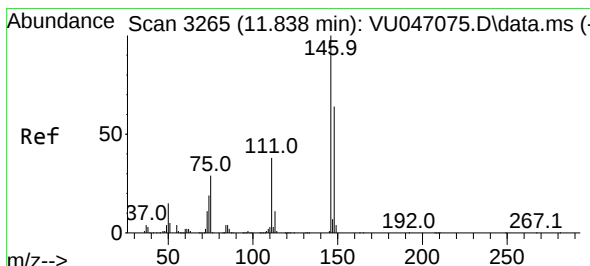
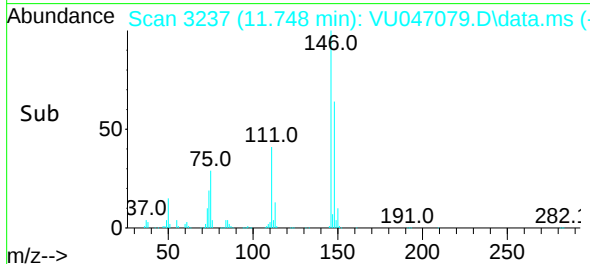
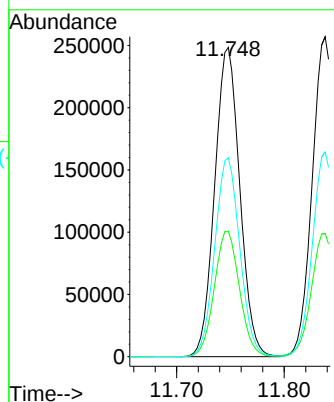
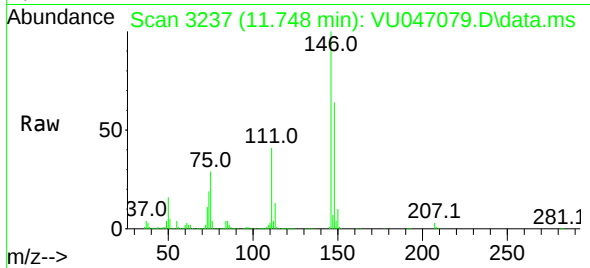




#64
1,3-Dichlorobenzene
Concen: 49.595 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

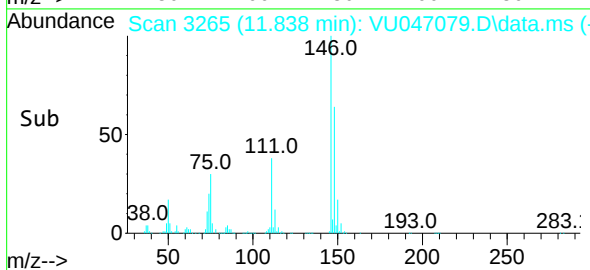
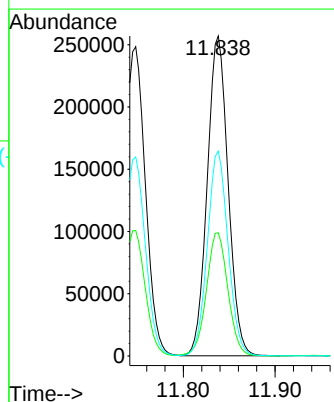
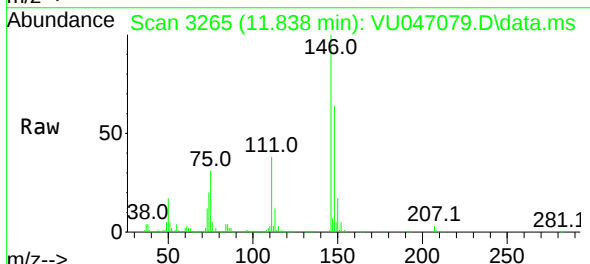
Instrument :
MSVOA_U
ClientSampleId :

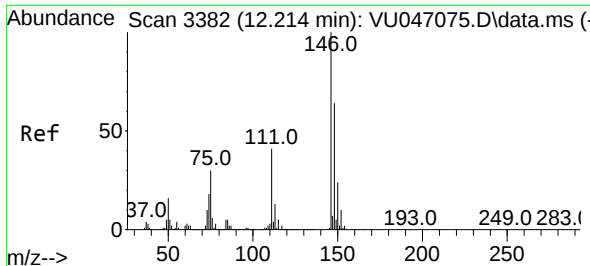
Tgt Ion:146 Resp: 403320
Ion Ratio Lower Upper
146 100
111 40.5 29.4 54.6
148 64.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 49.775 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

Tgt Ion:146 Resp: 406903
Ion Ratio Lower Upper
146 100
111 38.5 28.9 53.7
148 64.0 44.5 82.7

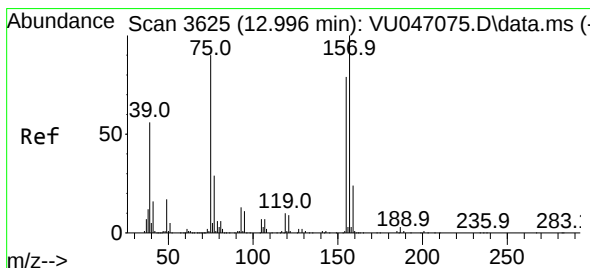
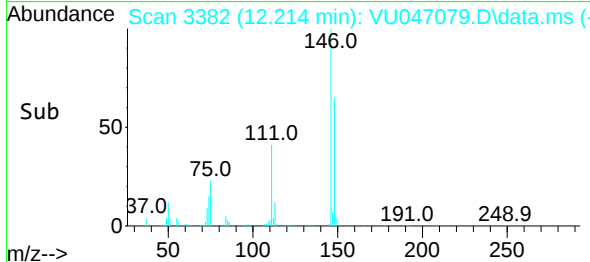
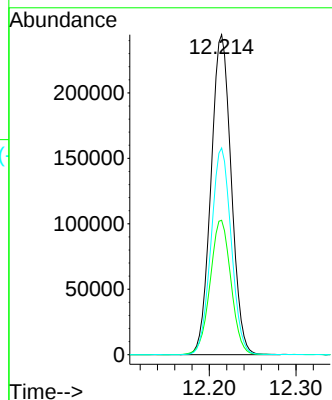
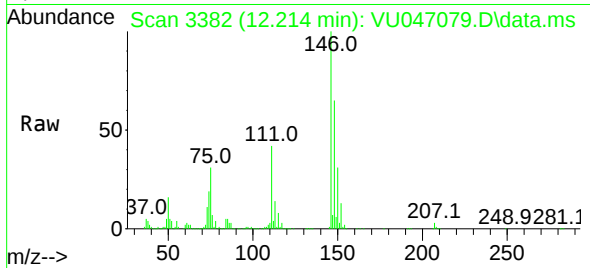




#67
1,2-Dichlorobenzene
Concen: 48.996 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

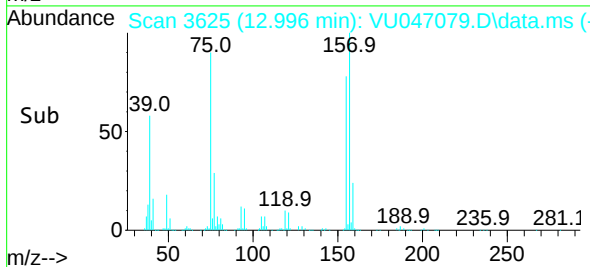
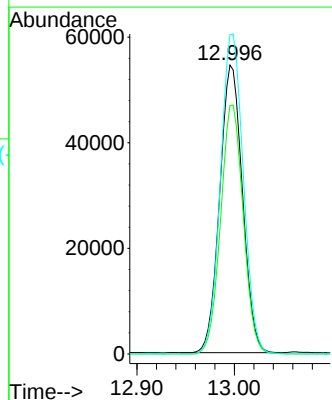
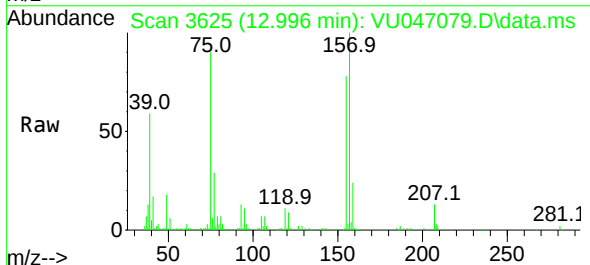
Instrument :
MSVOA_U
ClientSampleId :

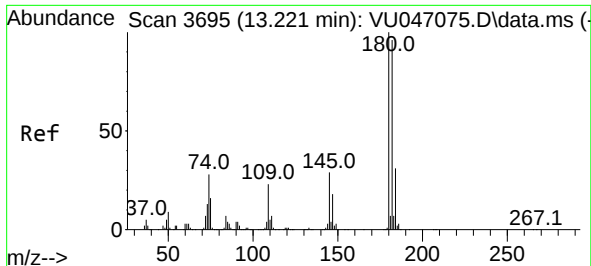
Tgt Ion:146 Resp: 396519
Ion Ratio Lower Upper
146 100
111 42.0 34.2 51.4
148 64.6 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 52.441 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

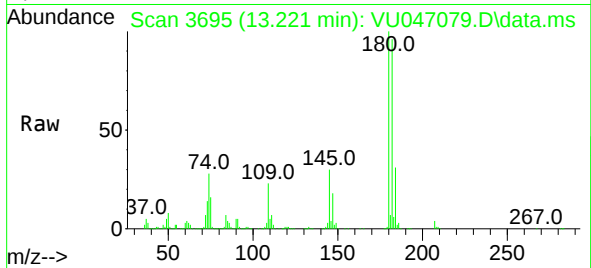
Tgt Ion: 75 Resp: 88300
Ion Ratio Lower Upper
75 100
155 86.0 65.0 97.4
157 110.5 79.7 119.5



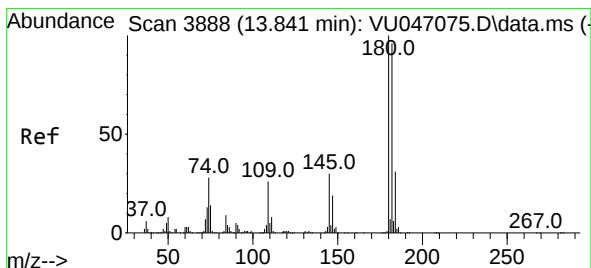
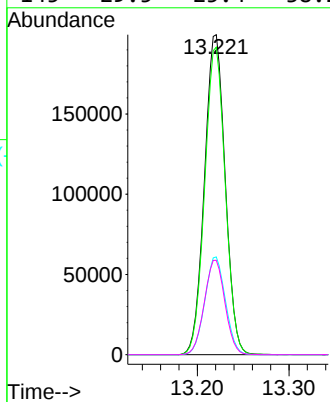
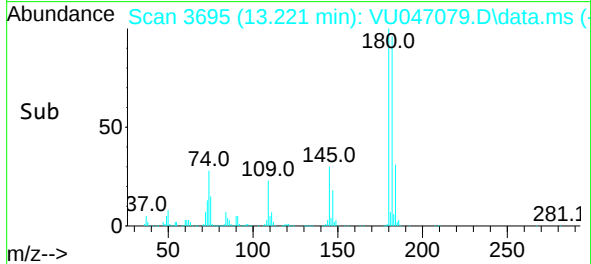


#69
 1,3,5-Trichlorobenzene
 Concen: 49.662 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047079.D
 Acq: 10 Feb 2022 17:12

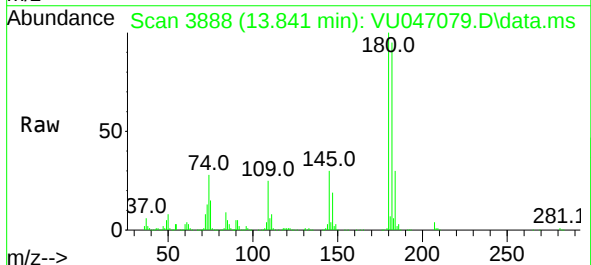
Instrument :
 MSVOA_U
 ClientSampleId :



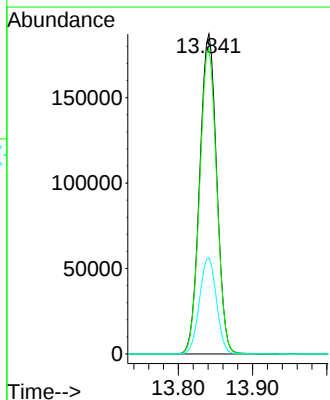
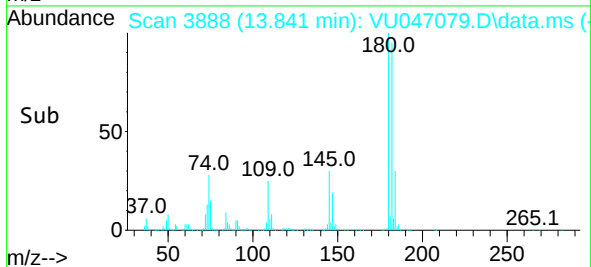
Tgt Ion:180 Resp: 312328
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 30.5 24.7 37.1
 145 29.5 25.4 38.2

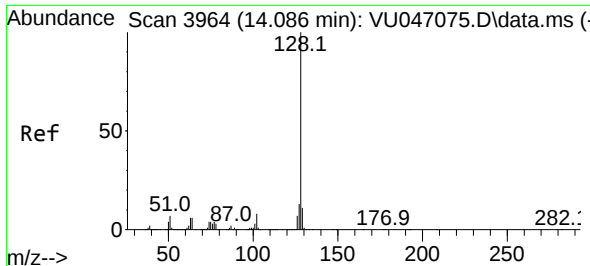


#70
 1,2,4-trichlorobenzene
 Concen: 49.797 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047079.D
 Acq: 10 Feb 2022 17:12



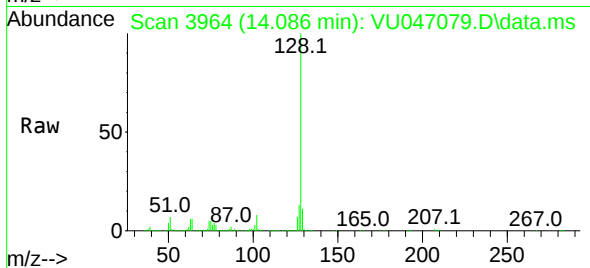
Tgt Ion:180 Resp: 296867
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 30.1 25.2 37.8



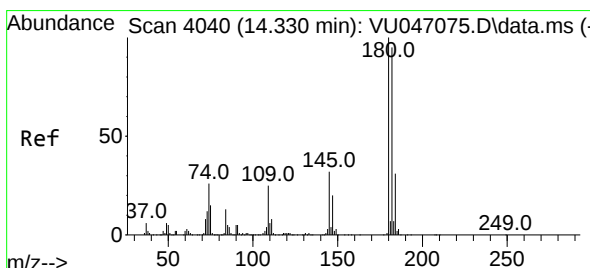
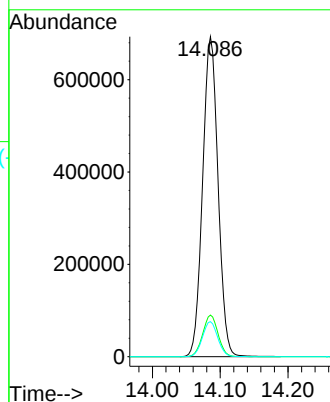
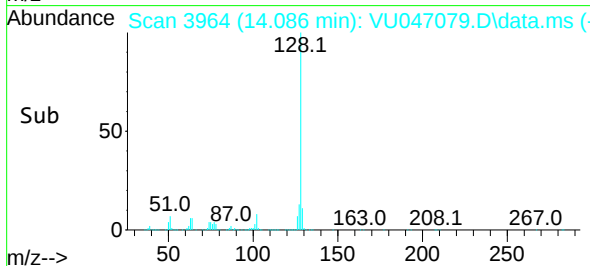


#71
Naphthalene
Concen: 51.878 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12

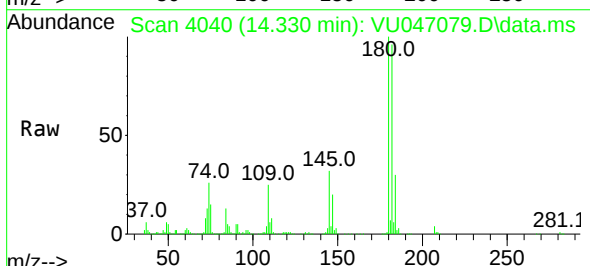
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1094899
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.883 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047079.D
Acq: 10 Feb 2022 17:12



Tgt Ion:180 Resp: 296105
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 31.9 27.4 41.2

