

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050161.D
 Acq On : 09 Aug 2022 02:44
 Operator : SY/MD
 Sample : N4075-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MS

Quant Time: Aug 09 05:19:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39195	5.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.909	69	33855	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.562	65	15049	5.079	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	4.623	46	101654	54.988	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.980%		
24) Chloroform-d	5.063	84	76635	5.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.703	65	37743	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.729	84	148907	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.694	67	48252	5.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.800%		
41) Toluene-d8	7.899	98	133217	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.179	79	15524	4.522	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.400%		
46) 2-Hexanone-d5	8.632	63	71263	58.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42773	5.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41841	4.998	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	38571	4.618	ug/L	99
3) Chloromethane	1.520	50	54750	5.012	ug/L	98
5) Vinyl chloride	1.604	62	48328	4.938	ug/L	99
6) Bromomethane	1.848	94	26592	4.257	ug/L	100
8) Chloroethane	1.928	64	30707	5.325	ug/L	99
9) Trichlorofluoromethane	2.134	101	52957	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28928	4.852	ug/L	96
12) 1,1-Dichloroethene	2.578	96	30996	4.923	ug/L	91
13) Acetone	2.623	43	64330	62.485	ug/L	89
14) Carbon disulfide	2.790	76	108911	4.843	ug/L	99
15) Methyl Acetate	2.951	43	11742	4.177	ug/L	93
16) Methylene chloride	3.044	84	43067	4.476	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	81577	4.964	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	34681	4.919	ug/L	92
19) 1,1-Dichloroethane	3.871	63	70471	5.278	ug/L	99
21) 2-Butanone	4.700	43	107409	58.017	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	40909	5.228	ug/L	97
23) Bromochloromethane	4.973	128	19503	5.215	ug/L	97
25) Chloroform	5.089	83	74541	5.237	ug/L	99

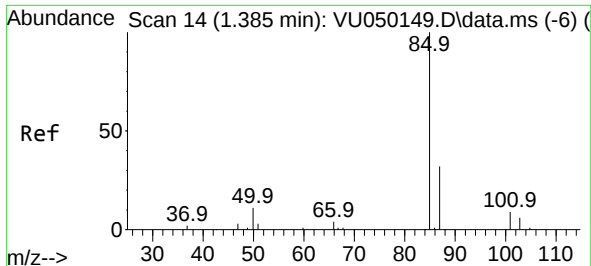
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46023	5.313	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	56616	4.950	ug/L	99
30) Cyclohexane	5.388	56	42586	4.274	ug/L	98
31) Carbon tetrachloride	5.523	117	45329	4.835	ug/L	98
33) Benzene	5.774	78	163283	4.999	ug/L	100
34) Trichloroethene	6.542	95	36956	4.678	ug/L	98
35) Methylcyclohexane	6.764	83	42587	4.176	ug/L	99
37) 1,2-Dichloropropane	6.793	63	43909	5.047	ug/L	100
38) Bromodichloromethane	7.105	83	54239	5.132	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	51825	4.564	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	254902	50.581	ug/L	100
42) Toluene	7.970	91	168828	5.154	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	44634	4.583	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	32871	5.054	ug/L	98
47) Tetrachloroethene	8.552	164	26438	4.671	ug/L	97
48) 2-Hexanone	8.684	43	193049	49.529	ug/L	98
49) Dibromochloromethane	8.809	129	36745	5.105	ug/L	97
50) 1,2-Dibromoethane	8.925	107	30509	5.173	ug/L	97
51) Chlorobenzene	9.446	112	99895	4.847	ug/L	97
52) Ethylbenzene	9.571	91	150214	4.699	ug/L	99
53) m,p-Xylene	9.693	106	58897	5.003	ug/L	98
54) o-Xylene	10.102	106	58180	4.951	ug/L	99
55) Styrene	10.115	104	99125	5.049	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	44414	5.197	ug/L	100
59) Bromoform	10.291	173	20899	4.877	ug/L	96
60) Isopropylbenzene	10.484	105	138887	4.867	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29916	5.140	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	35972	4.462	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	101585	4.625	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	70166	4.879	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	68996	4.930	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	69967	5.024	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6066	5.315	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45893	4.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34176	4.403	ug/L	98
71) Naphthalene	14.086	128	67283	4.227	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37050	4.708	ug/L	98

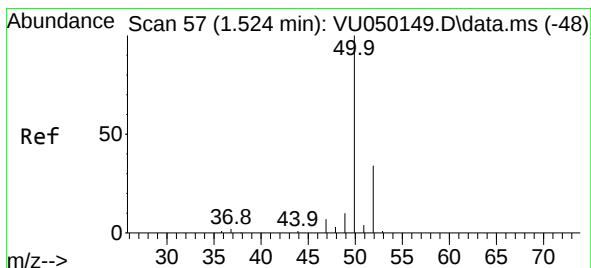
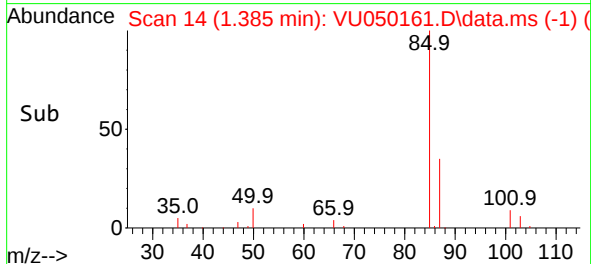
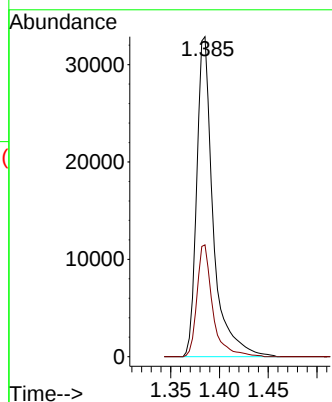
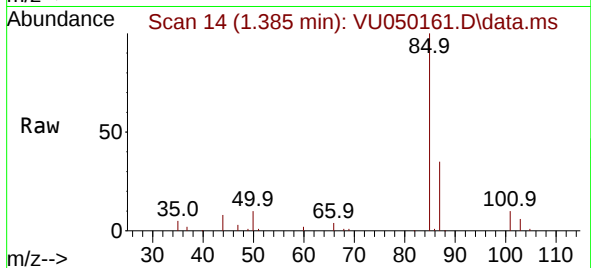
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.618 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

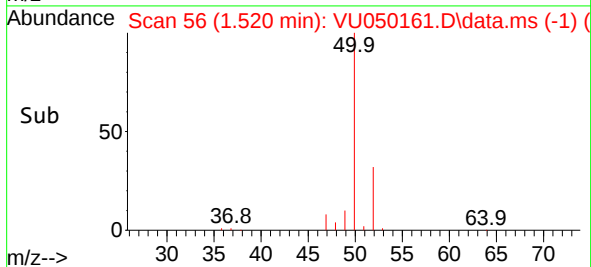
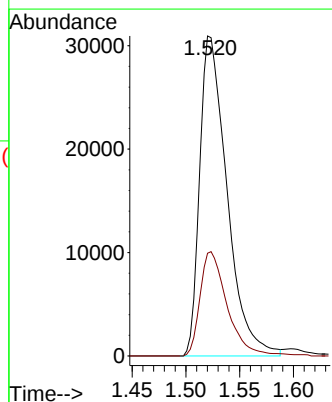
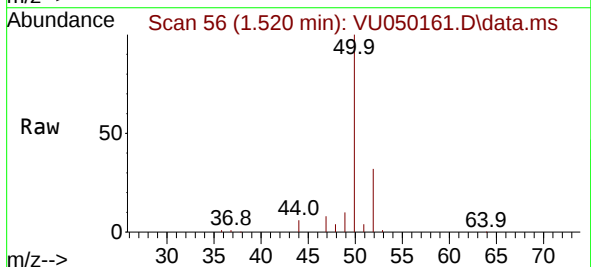
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

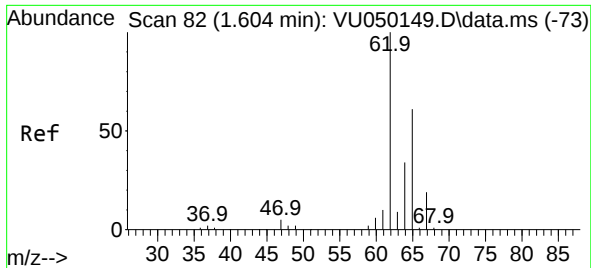
Tgt Ion: 85 Resp: 38571
Ion Ratio Lower Upper
85 100
87 33.5 26.2 39.4



#3
Chloromethane
Concen: 5.012 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 50 Resp: 54750
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

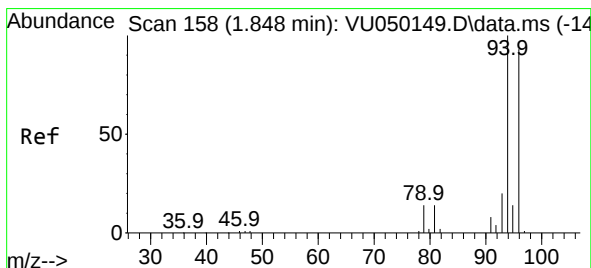
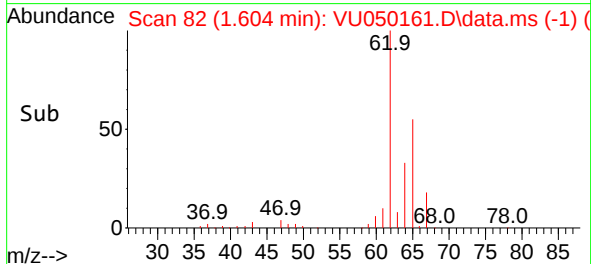
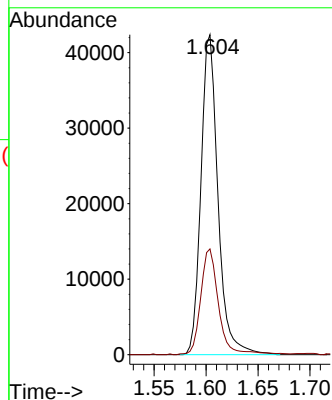
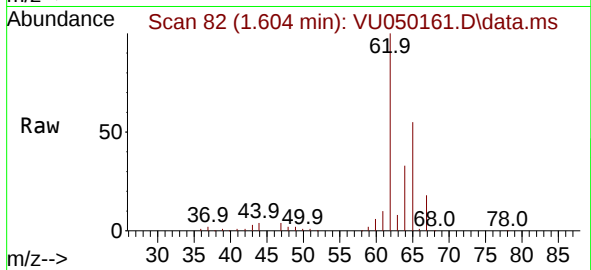




#5
 Vinyl chloride
 Concen: 4.938 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

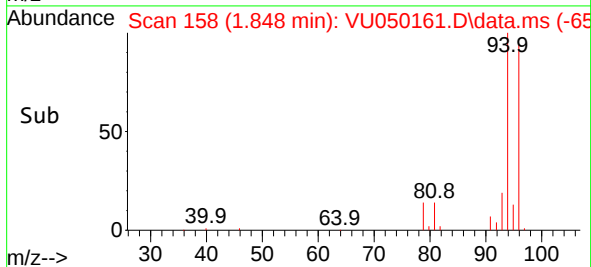
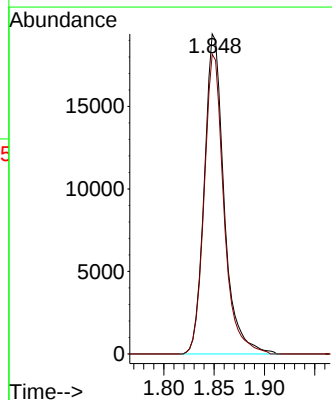
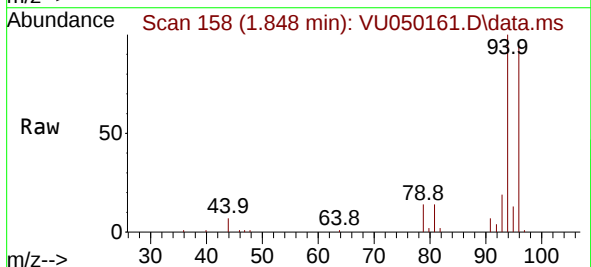
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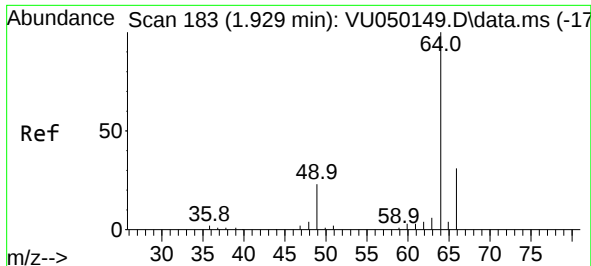
Tgt Ion: 62 Resp: 48328
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.257 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

Tgt Ion: 94 Resp: 26592
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.3 121.3

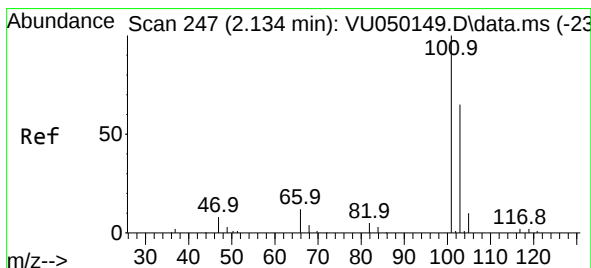
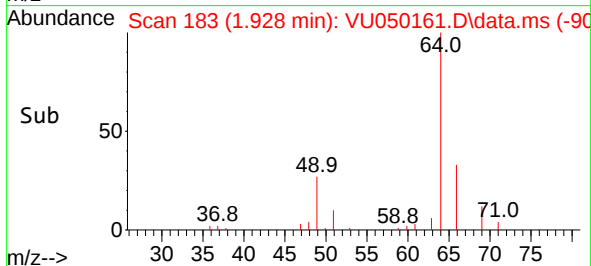
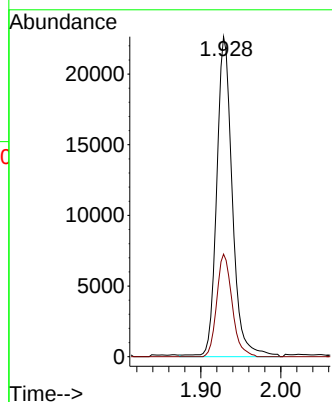
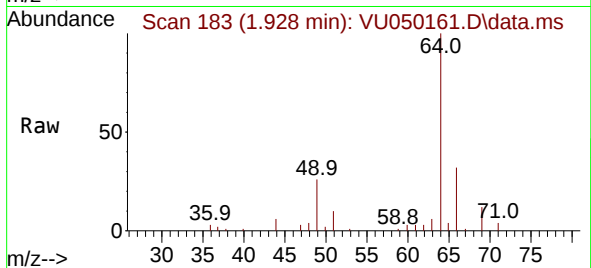




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

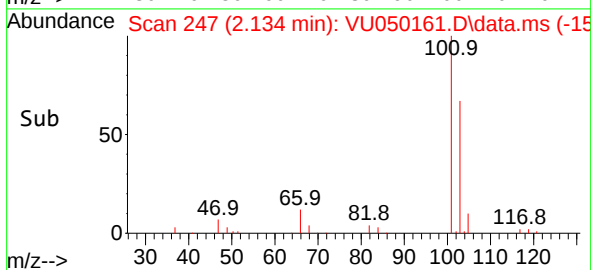
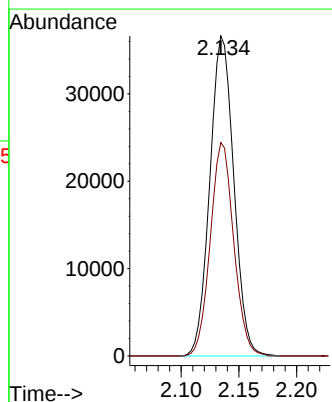
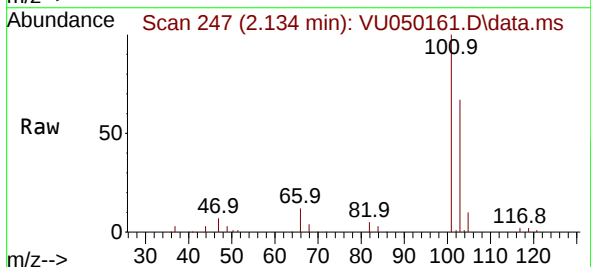
Instrument :
MSVOA_U
ClientSampleId :
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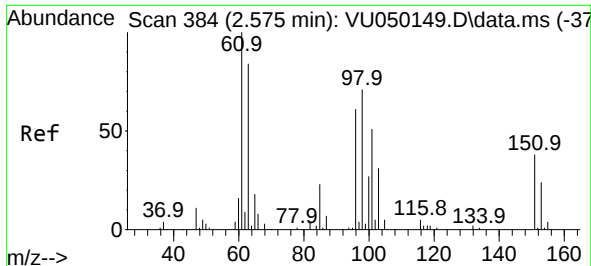
Tgt Ion: 64 Resp: 30707
Ion Ratio Lower Upper
64 100
66 32.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.941 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion:101 Resp: 52957
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

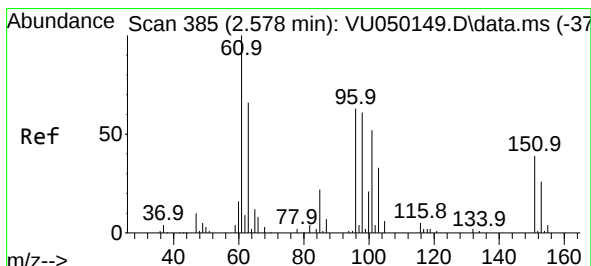
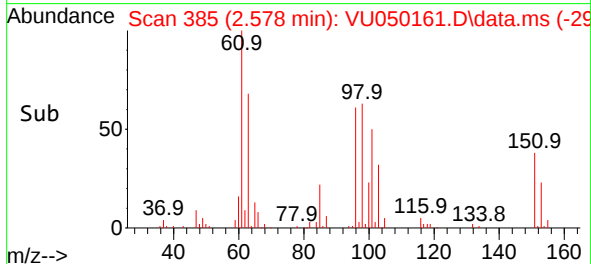
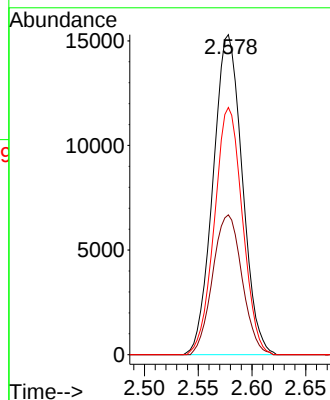
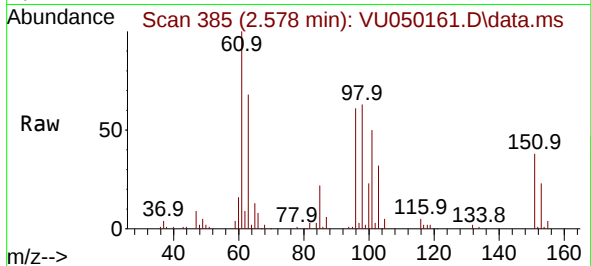




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.852 ug/L
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

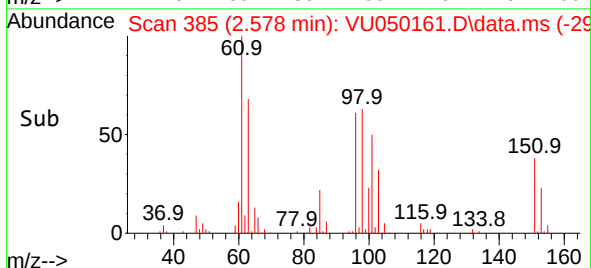
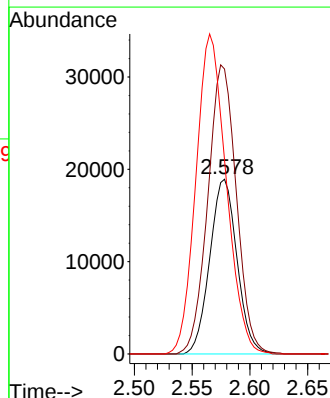
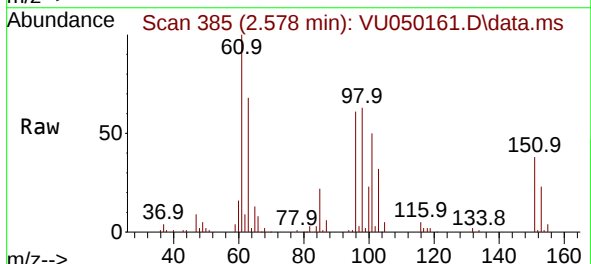
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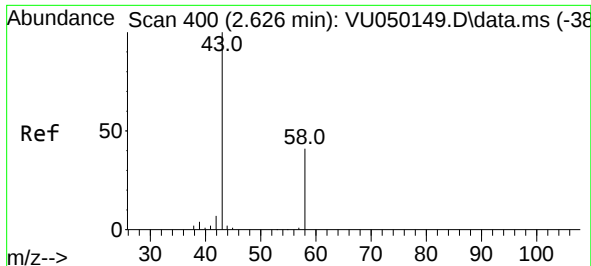
Tgt Ion:101 Resp: 28928
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 74.2 55.2 82.8



#12
1,1-Dichloroethene
Concen: 4.923 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 96 Resp: 30996
Ion Ratio Lower Upper
96 100
61 163.2 122.7 227.9
63 111.2 85.1 158.1





#13

Acetone

Concen: 62.485 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

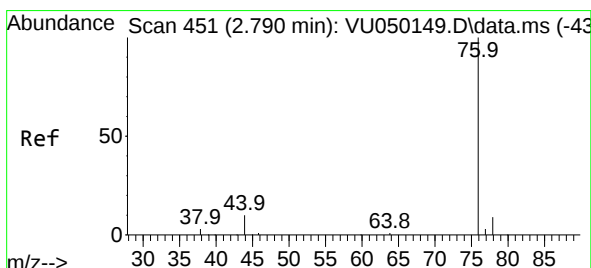
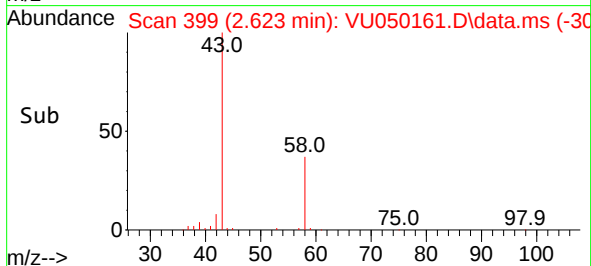
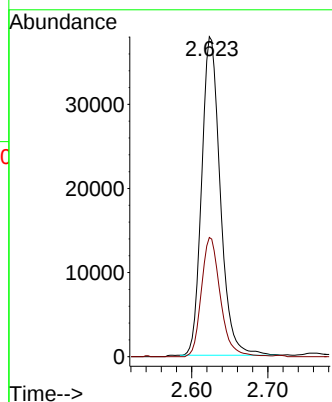
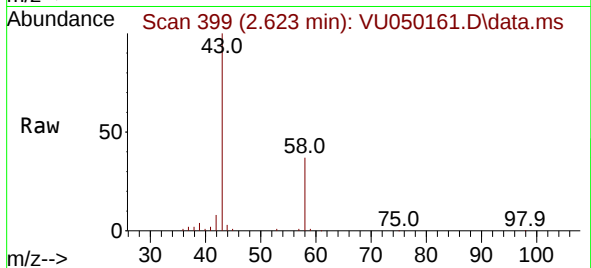
DBUV5MS

Tgt Ion: 43 Resp: 64330

Ion Ratio Lower Upper

43 100

58 38.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.843 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050161.D

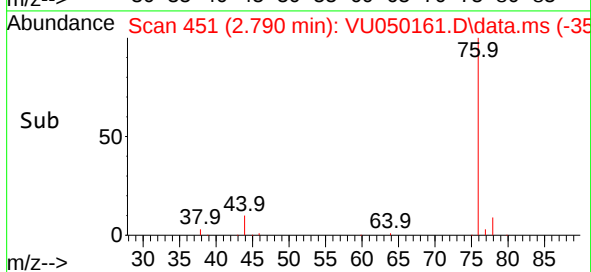
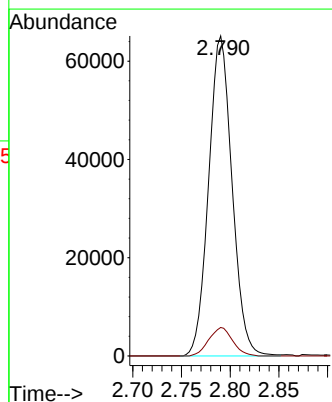
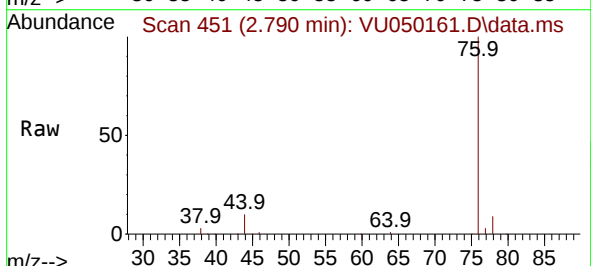
Acq: 09 Aug 2022 02:44

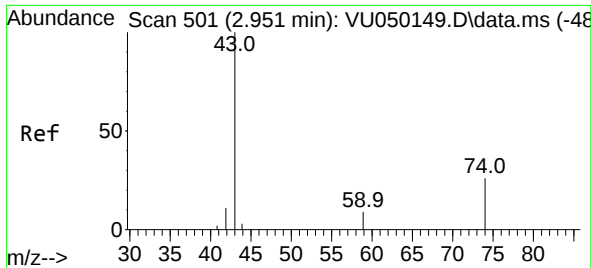
Tgt Ion: 76 Resp: 108911

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

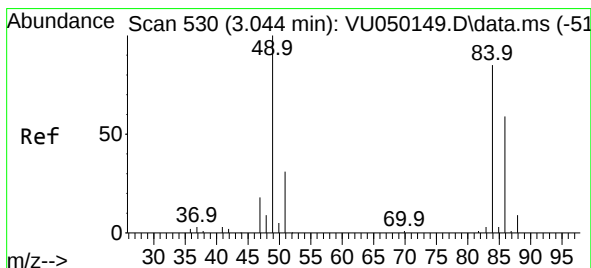
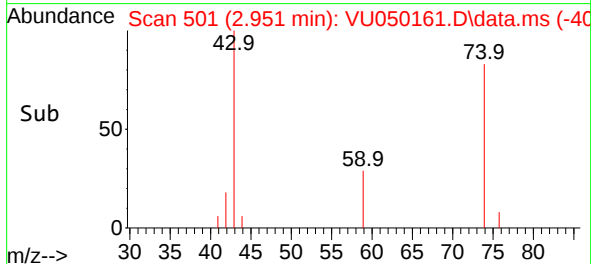
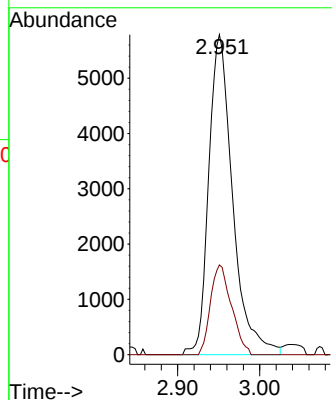
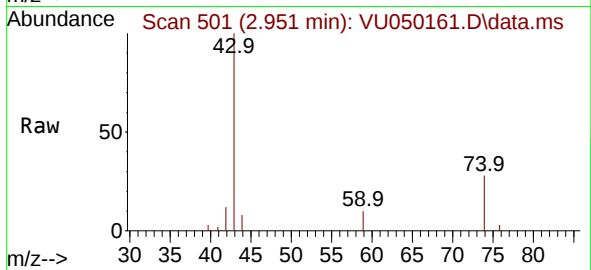




#15
Methyl Acetate
Concen: 4.177 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

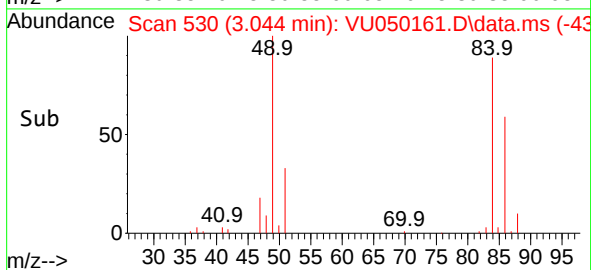
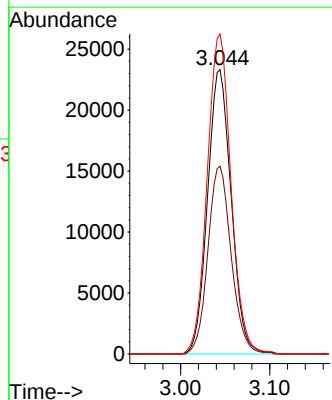
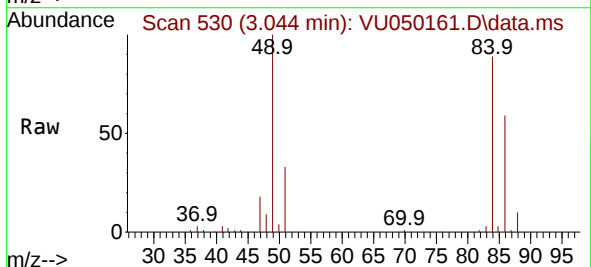
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

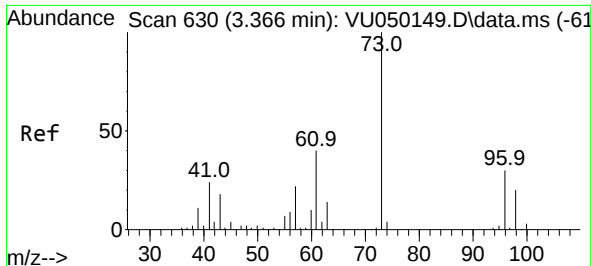
Tgt Ion: 43 Resp: 11742
Ion Ratio Lower Upper
43 100
74 24.5 22.7 34.1



#16
Methylene chloride
Concen: 4.476 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 84 Resp: 43067
Ion Ratio Lower Upper
84 100
86 66.0 45.9 85.3
49 112.6 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 4.964 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

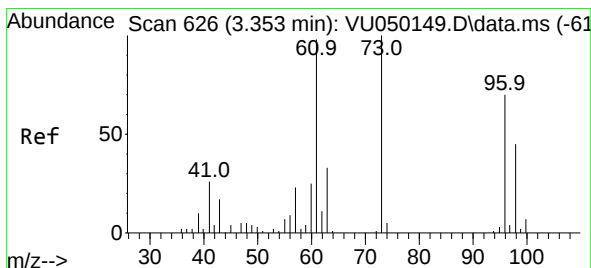
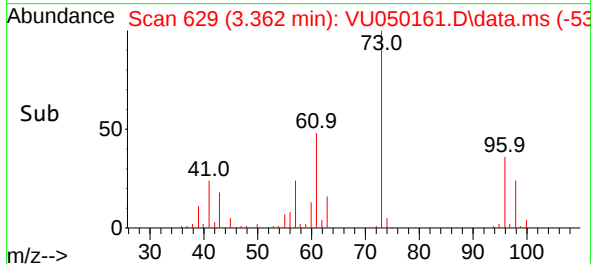
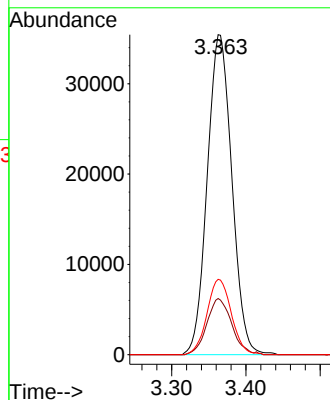
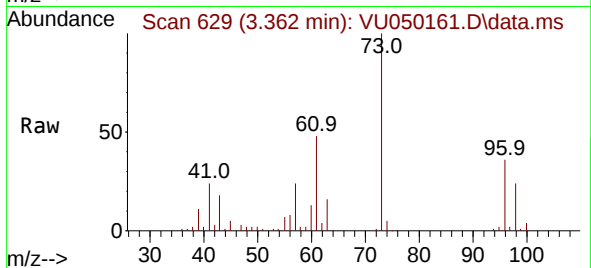
Tgt Ion: 73 Resp: 81577

Ion Ratio Lower Upper

73 100

43 17.8 13.5 20.3

57 23.3 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 4.919 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

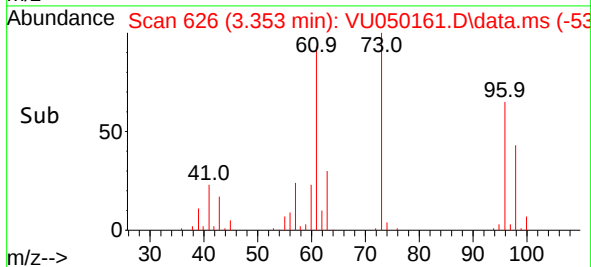
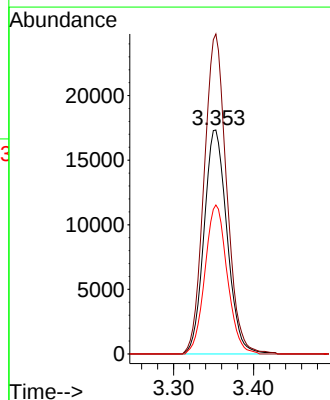
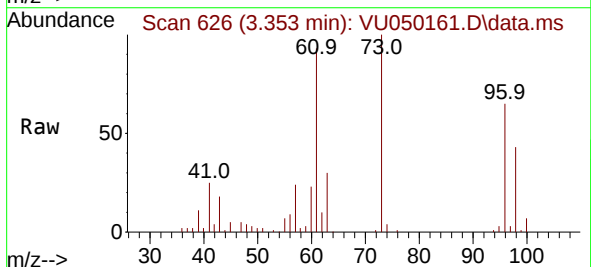
Tgt Ion: 96 Resp: 34681

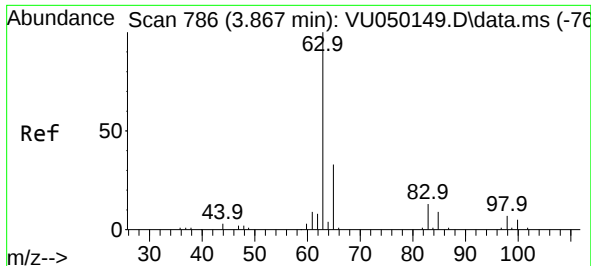
Ion Ratio Lower Upper

96 100

61 142.8 92.3 171.5

98 66.5 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.278 ug/L

RT: 3.871 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

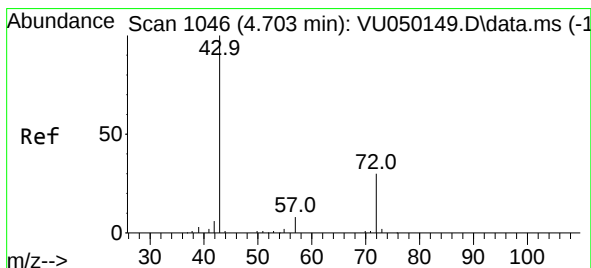
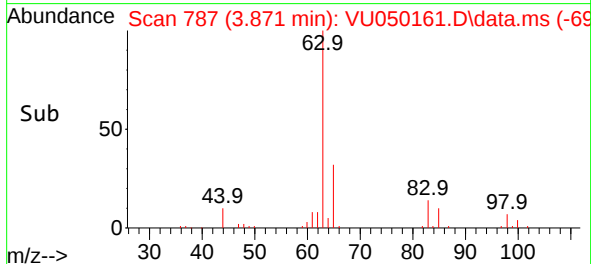
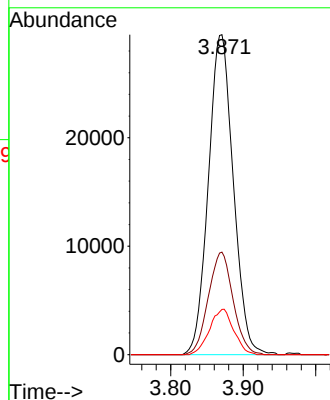
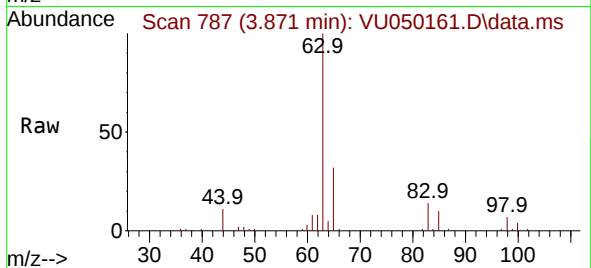
Tgt Ion: 63 Resp: 70471

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 14.2 9.8 18.2



#21

2-Butanone

Concen: 58.017 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU050161.D

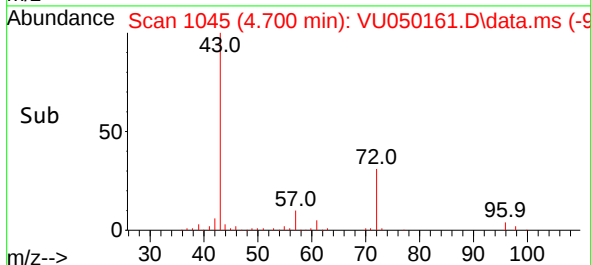
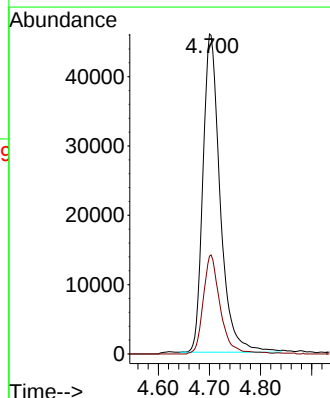
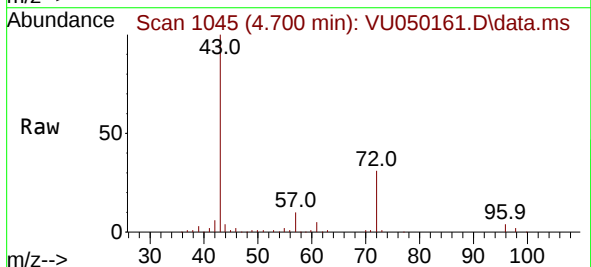
Acq: 09 Aug 2022 02:44

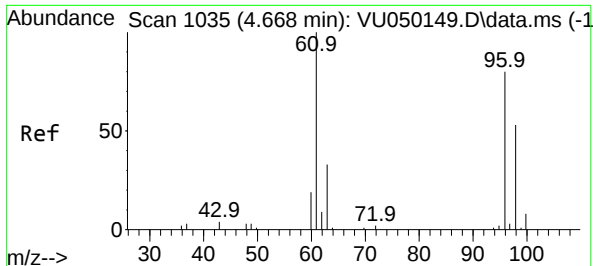
Tgt Ion: 43 Resp: 107409

Ion Ratio Lower Upper

43 100

72 30.8 14.0 42.0

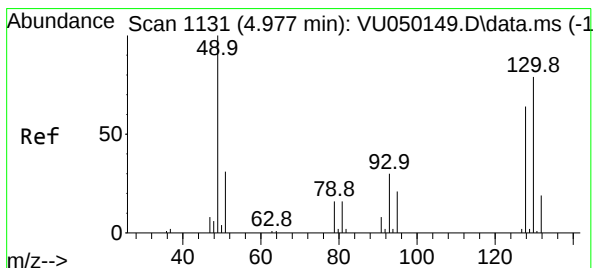
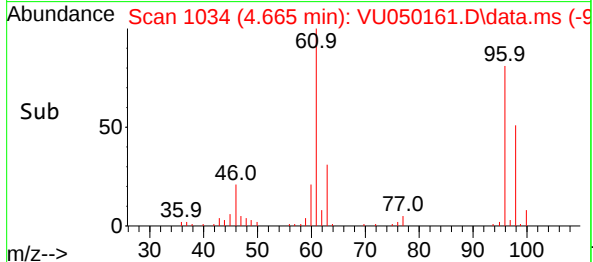
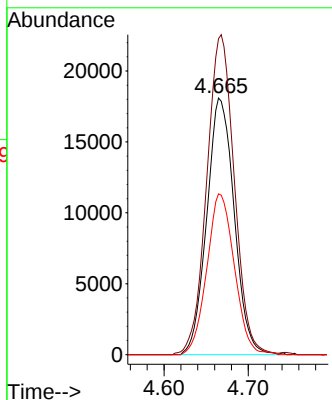
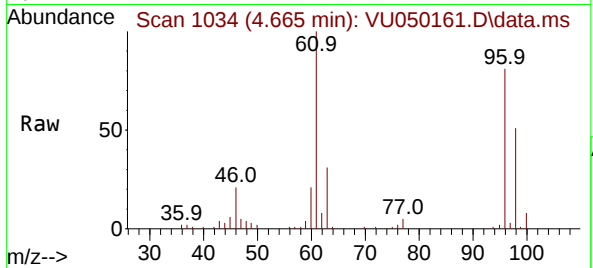




#22
 cis-1,2-Dichloroethene
 Concen: 5.228 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

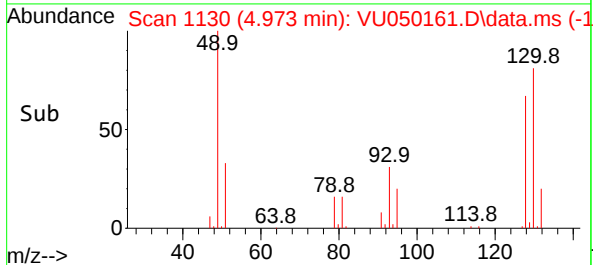
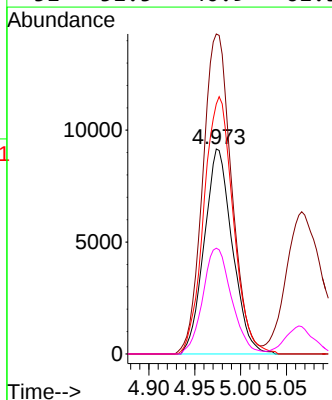
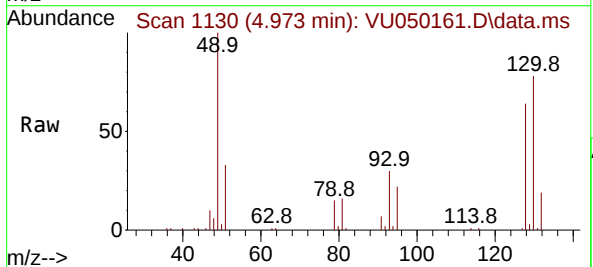
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MS

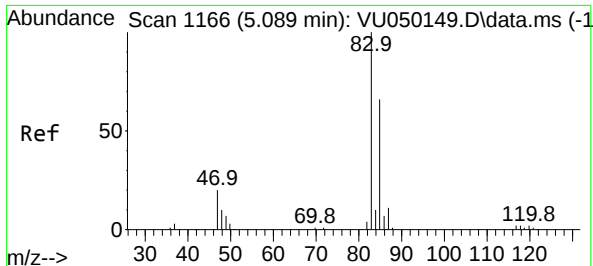
Tgt Ion: 96 Resp: 40909
 Ion Ratio Lower Upper
 96 100
 61 123.2 89.0 165.4
 98 62.7 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.215 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

Tgt Ion:128 Resp: 19503
 Ion Ratio Lower Upper
 128 100
 49 156.1 111.4 206.8
 130 121.9 90.2 167.4
 51 51.5 40.9 61.3





#25

Chloroform

Concen: 5.237 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

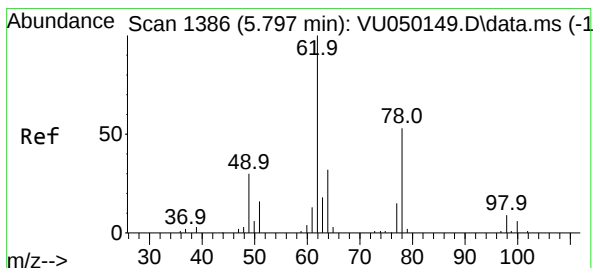
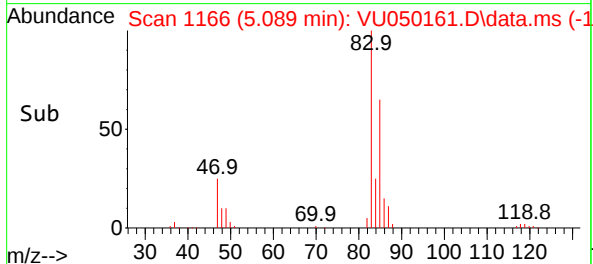
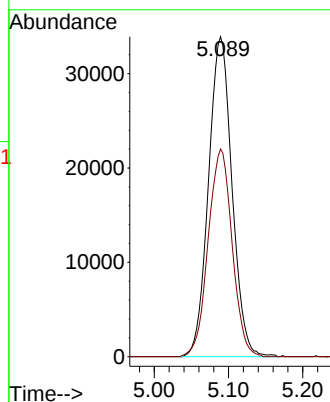
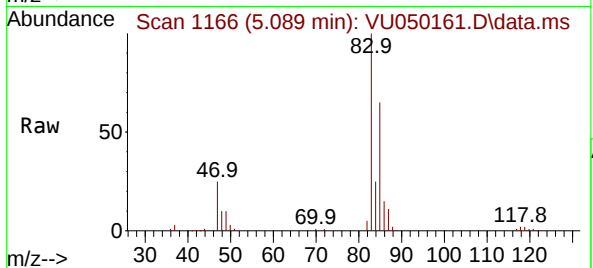
DBUV5MS

Tgt Ion: 83 Resp: 74541

Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.313 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050161.D

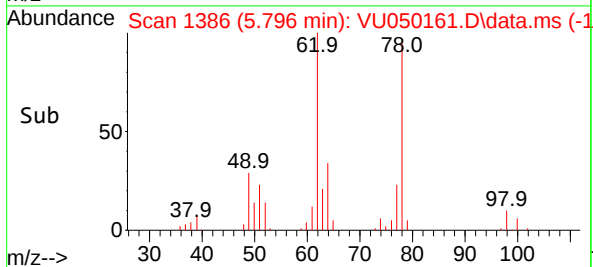
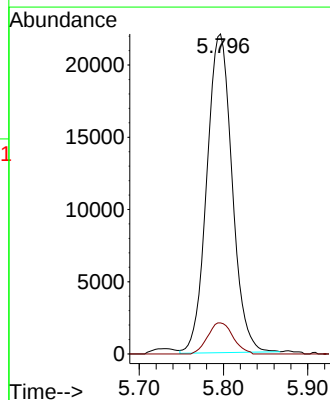
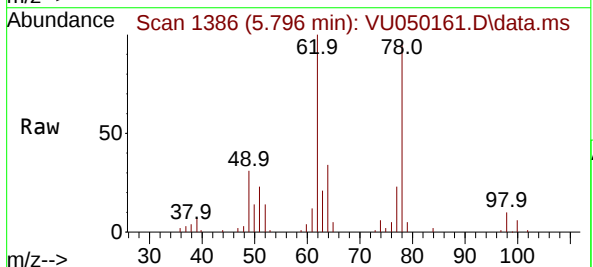
Acq: 09 Aug 2022 02:44

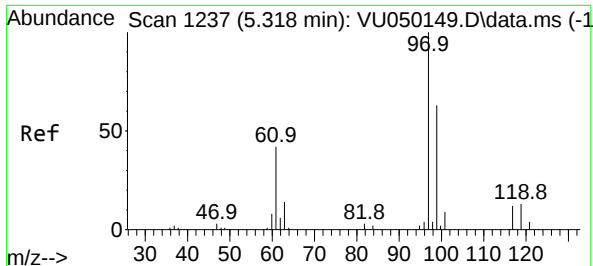
Tgt Ion: 62 Resp: 46023

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.950 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

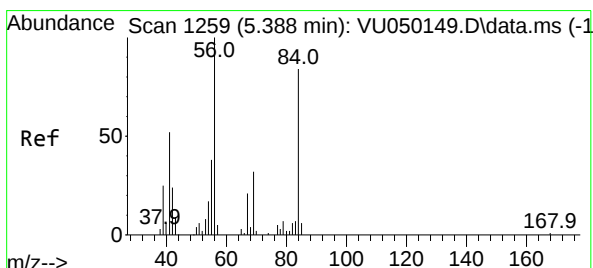
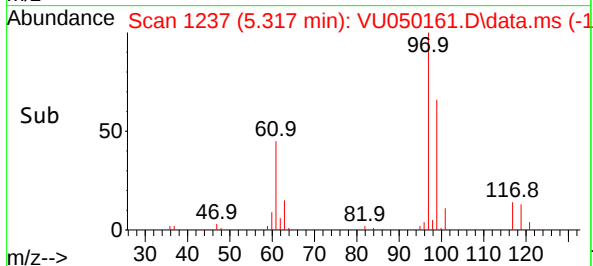
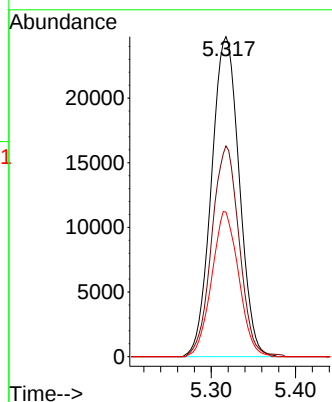
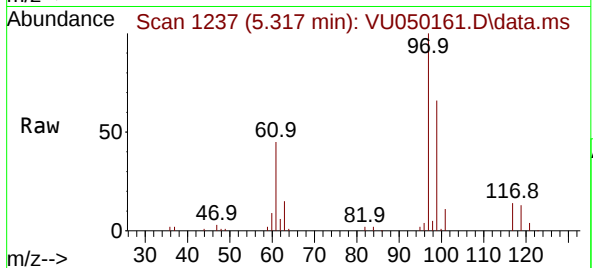
Tgt Ion: 97 Resp: 56616

Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 44.0 34.2 51.4



#30

Cyclohexane

Concen: 4.274 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

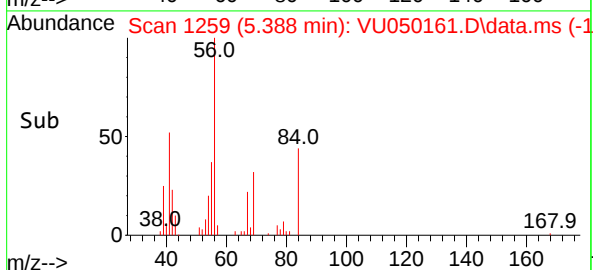
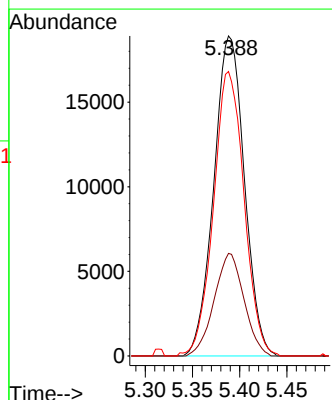
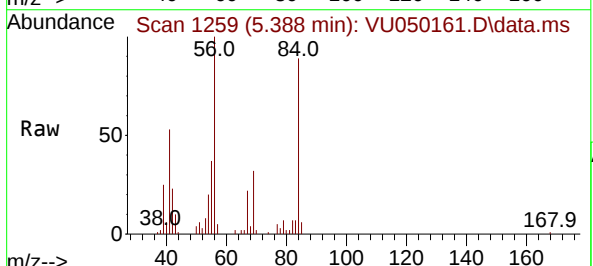
Tgt Ion: 56 Resp: 42586

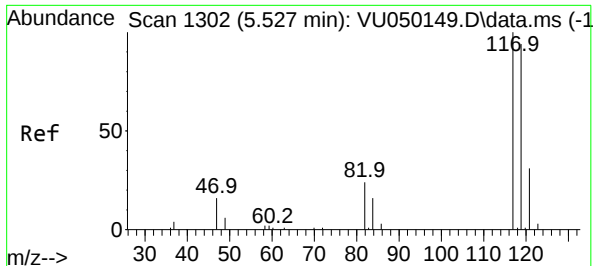
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 88.8 69.1 103.7

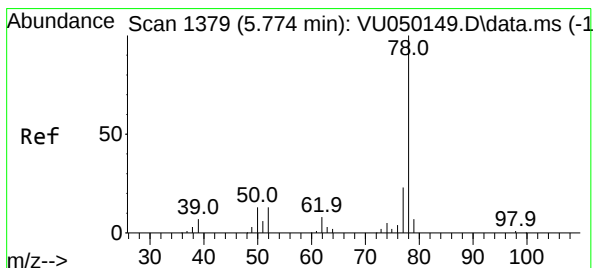
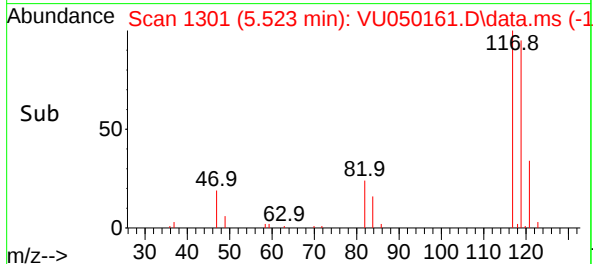
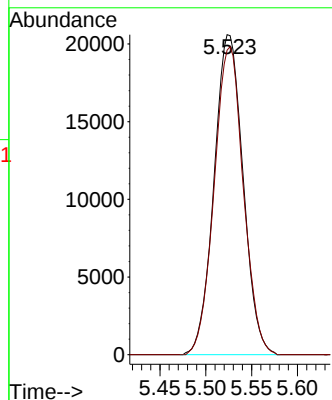
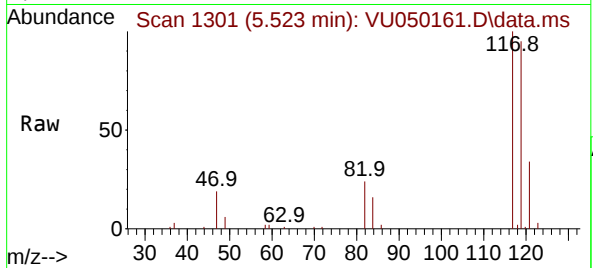




#31
Carbon tetrachloride
Concen: 4.835 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

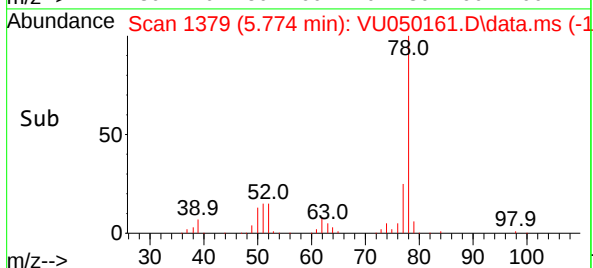
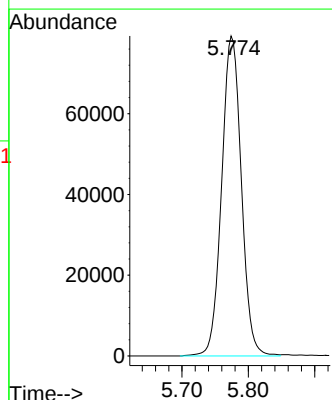
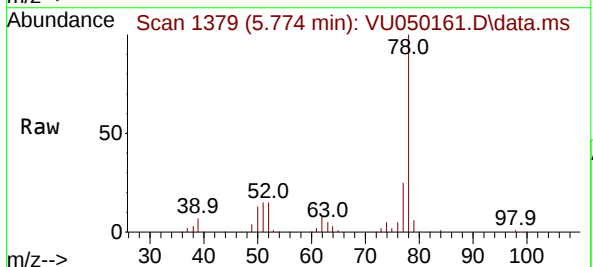
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

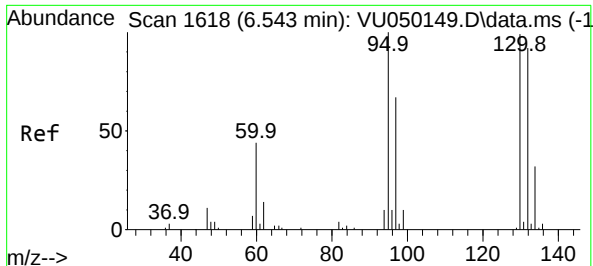
Tgt Ion:117 Resp: 45329
Ion Ratio Lower Upper
117 100
119 96.6 76.0 114.0



#33
Benzene
Concen: 4.999 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 78 Resp: 163283



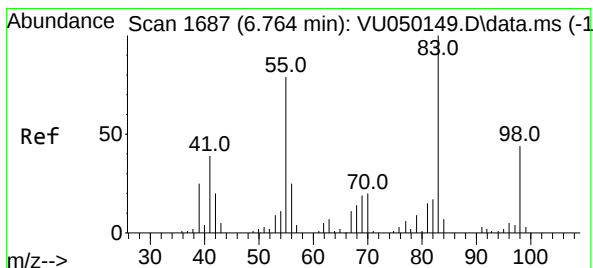
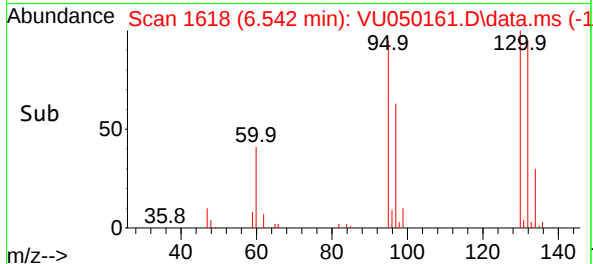
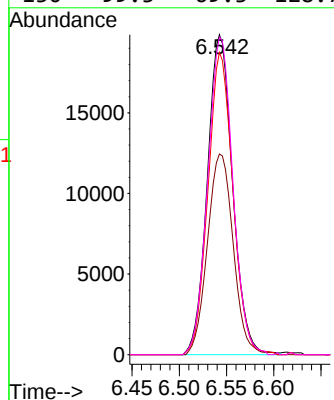
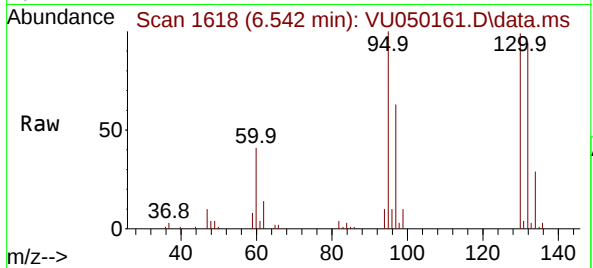


#34
Trichloroethene
Concen: 4.678 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

Tgt Ion: 95 Resp: 36956

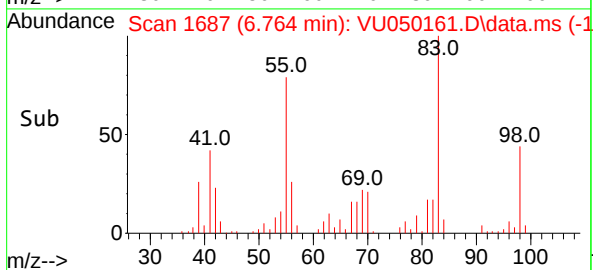
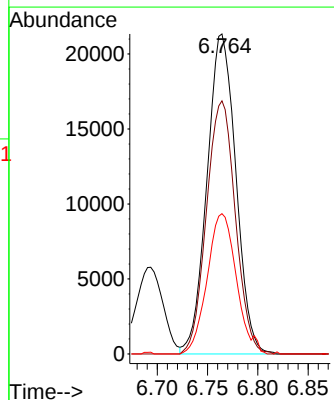
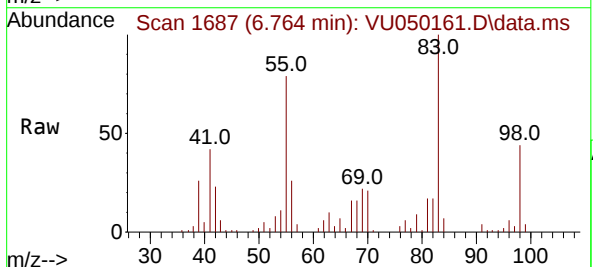
Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.6	84.8
132	94.4	65.0	120.6
130	99.3	69.3	128.7

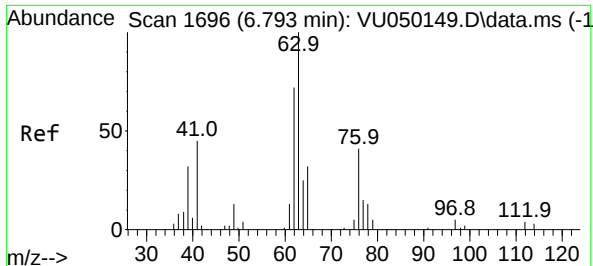


#35
Methylcyclohexane
Concen: 4.176 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 83 Resp: 42587

Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.7	94.1
98	44.4	36.2	54.2

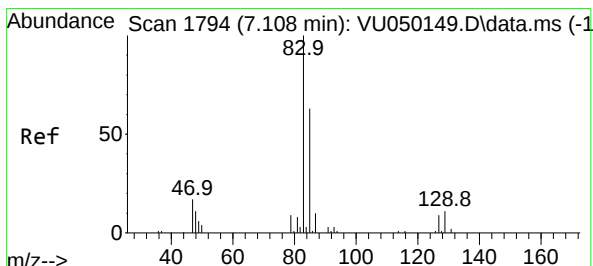
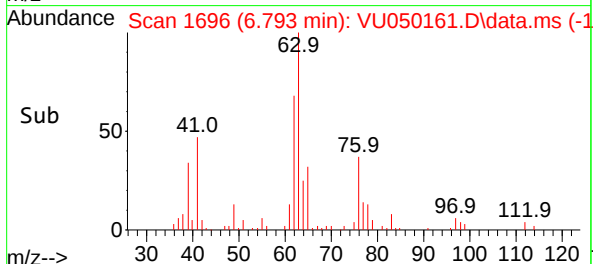
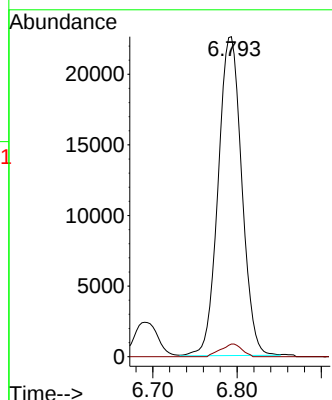
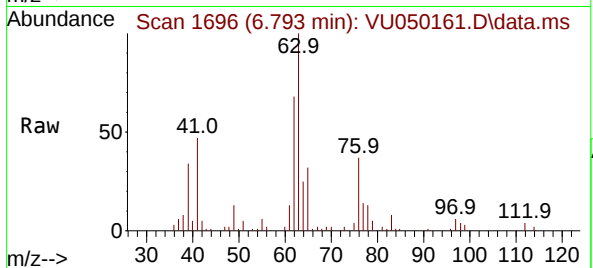




#37
1,2-Dichloropropane
Concen: 5.047 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

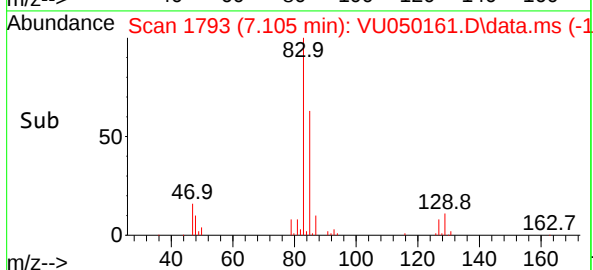
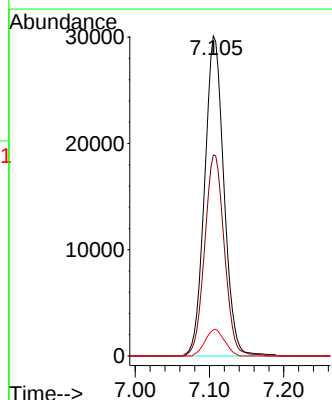
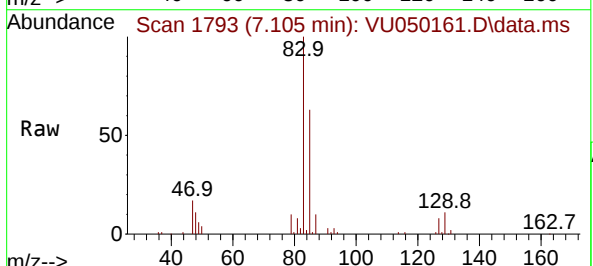
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

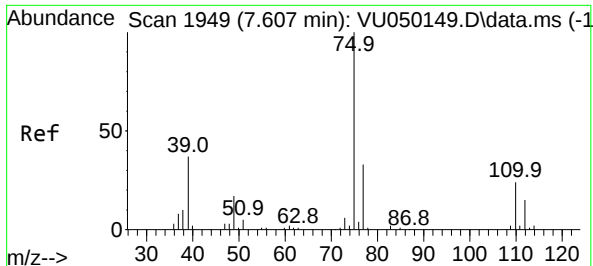
Tgt Ion: 63 Resp: 43909
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 83 Resp: 54239
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.564 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

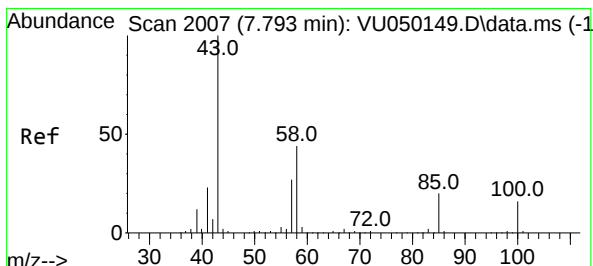
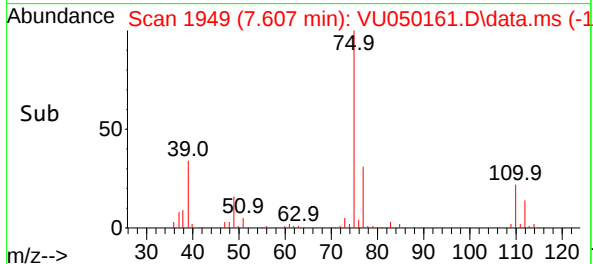
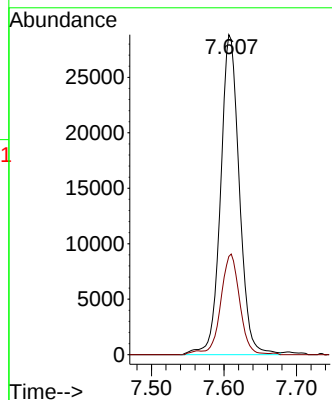
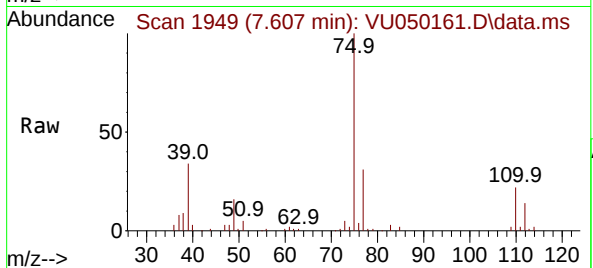
DBUV5MS

Tgt Ion: 75 Resp: 51825

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 50.581 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

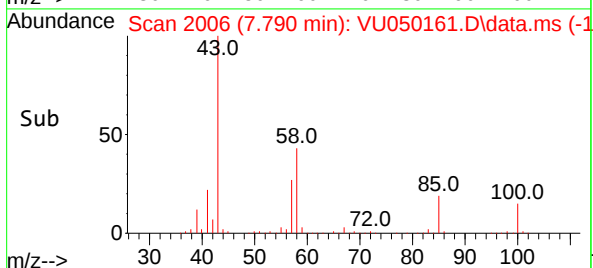
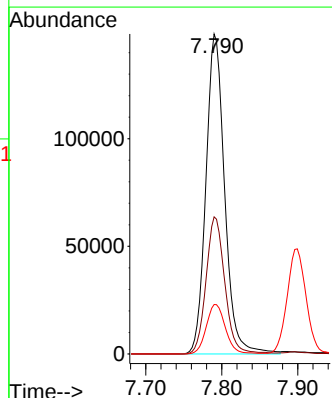
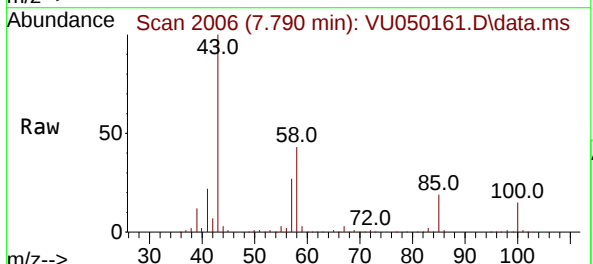
Tgt Ion: 43 Resp: 254902

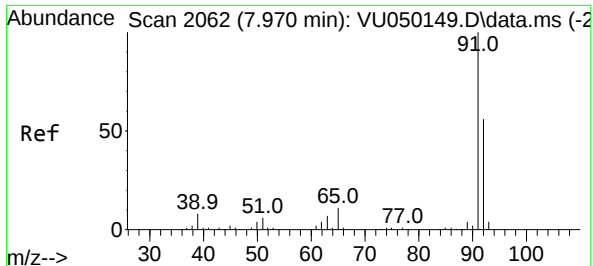
Ion Ratio Lower Upper

43 100

58 43.0 34.6 51.8

100 15.9 13.0 19.4





#42

Toluene

Concen: 5.154 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

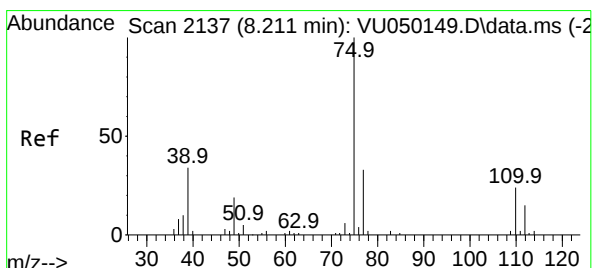
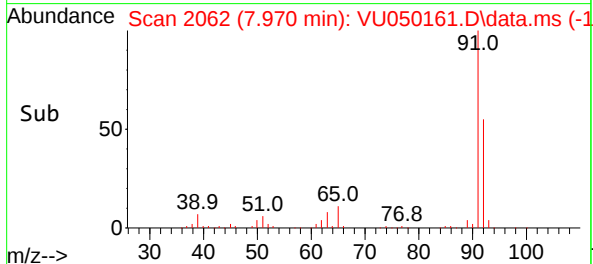
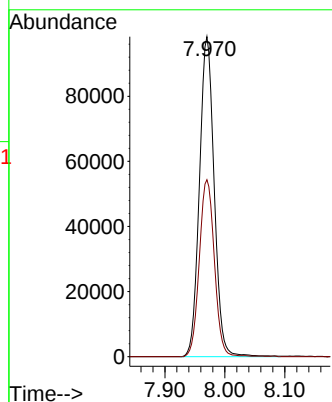
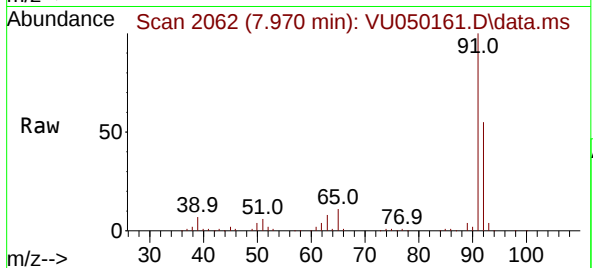
DBUV5MS

Tgt Ion: 91 Resp: 168828

Ion Ratio Lower Upper

91 100

92 55.3 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.583 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050161.D

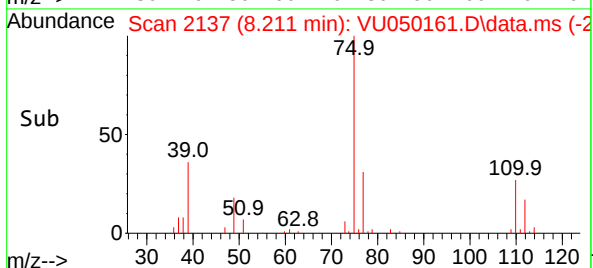
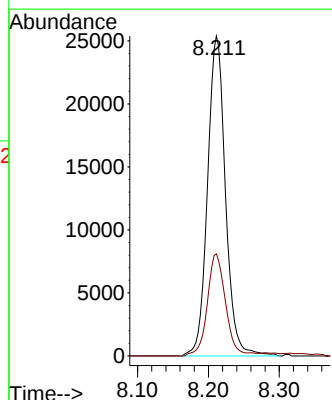
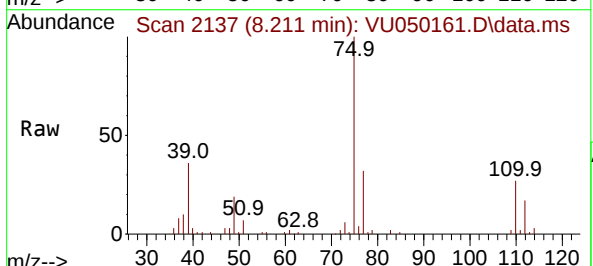
Acq: 09 Aug 2022 02:44

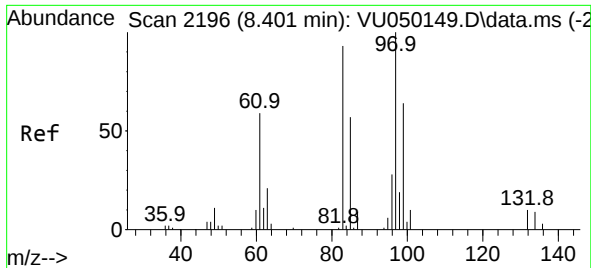
Tgt Ion: 75 Resp: 44634

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



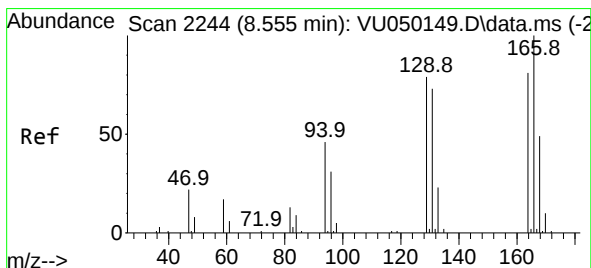
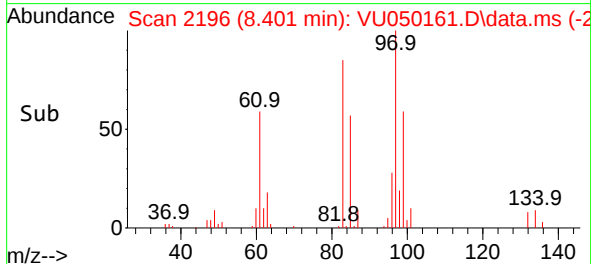
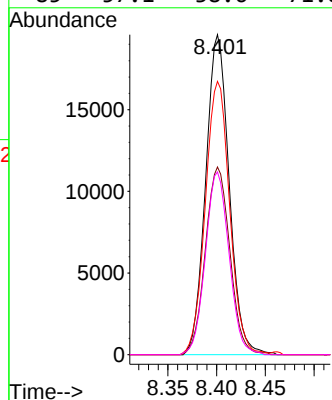
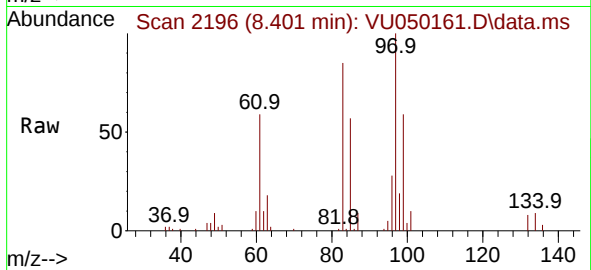


#45
1,1,2-Trichloroethane
Concen: 5.054 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

Tgt Ion: 97 Resp: 32871

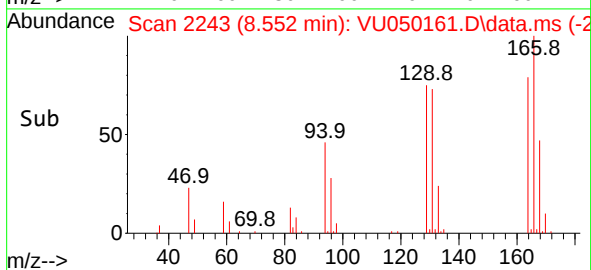
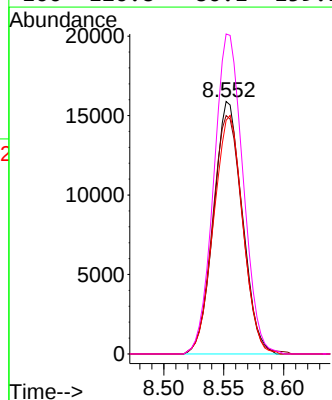
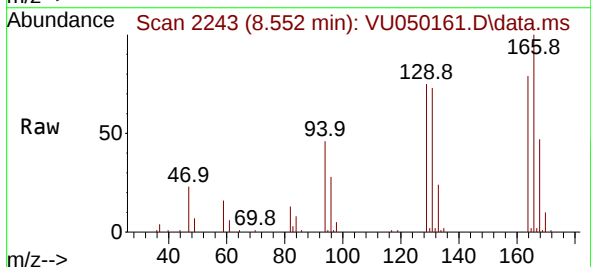
Ion	Ratio	Lower	Upper
97	100		
99	58.7	42.2	78.4
83	85.4	59.6	110.6
85	57.1	38.6	71.8

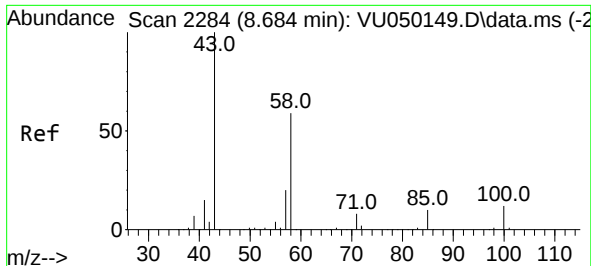


#47
Tetrachloroethene
Concen: 4.671 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 164 Resp: 26438

Ion	Ratio	Lower	Upper
164	100		
129	94.4	69.0	128.1
131	92.5	65.8	122.2
166	126.8	86.1	159.9

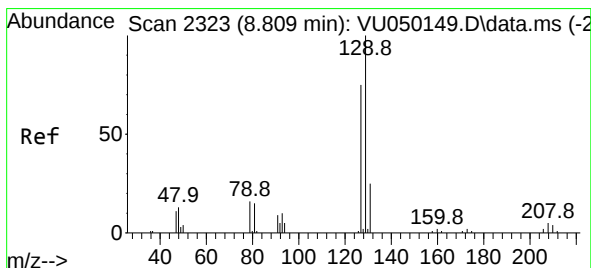
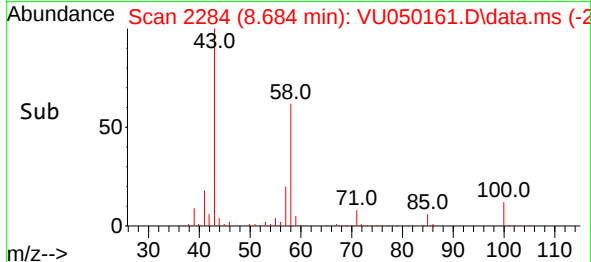
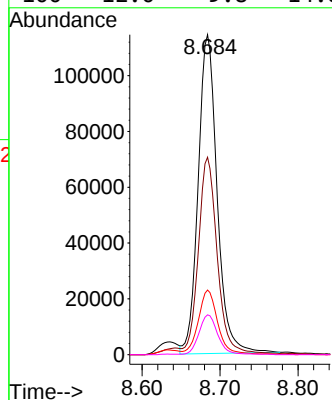
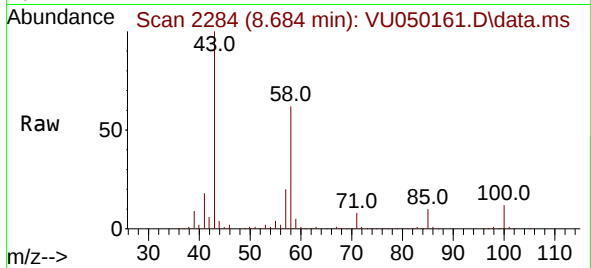




#48
2-Hexanone
Concen: 49.529 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

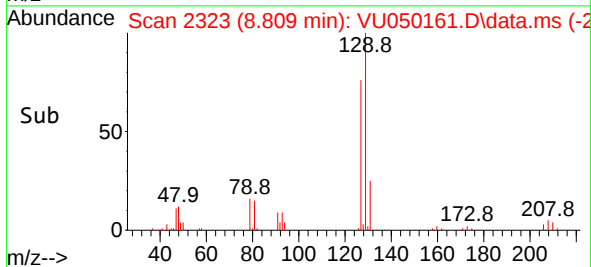
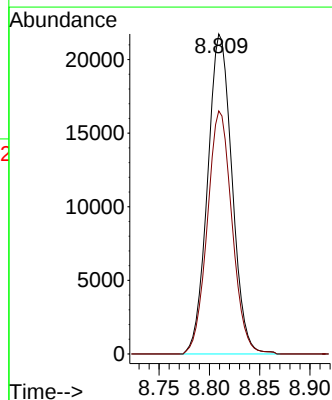
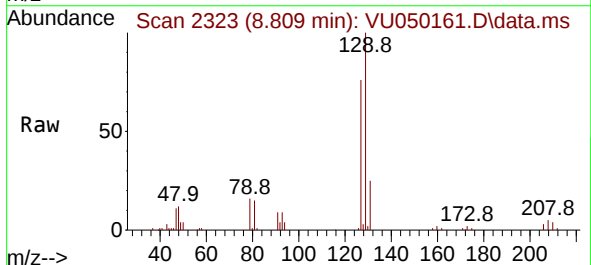
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

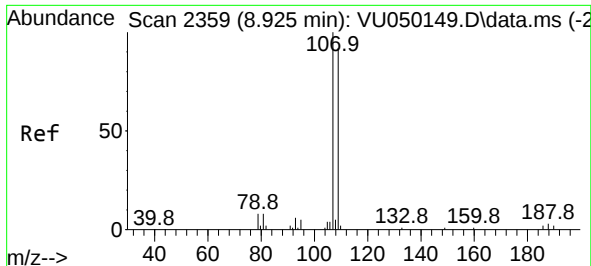
Tgt Ion: 43 Resp: 193049
Ion Ratio Lower Upper
43 100
58 61.5 50.6 76.0
57 20.2 16.0 24.0
100 12.0 9.8 14.8



#49
Dibromochloromethane
Concen: 5.105 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 129 Resp: 36745
Ion Ratio Lower Upper
129 100
127 76.0 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.173 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

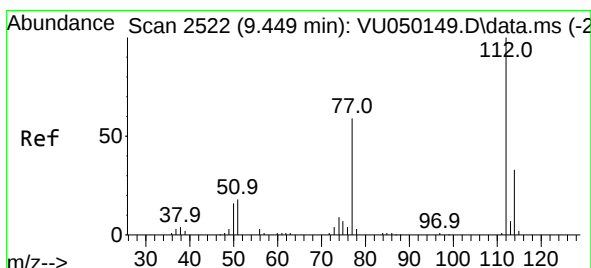
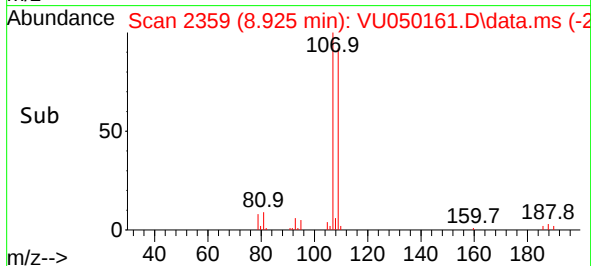
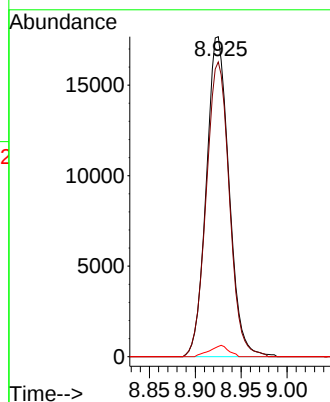
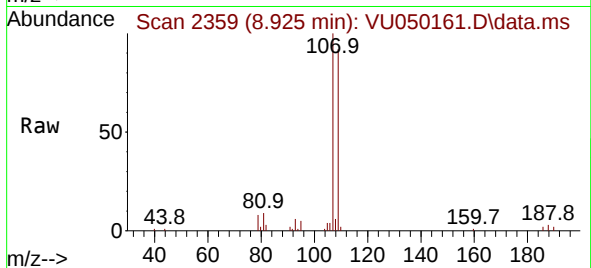
Tgt Ion:107 Resp: 30509

Ion Ratio Lower Upper

107 100

109 92.1 66.6 123.6

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 4.847 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

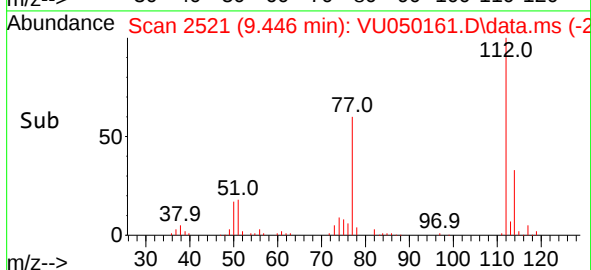
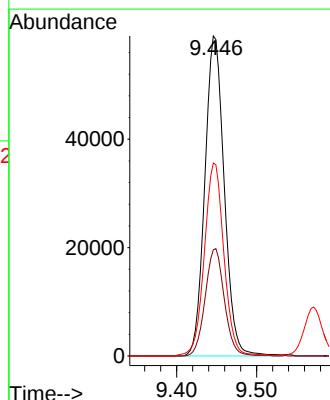
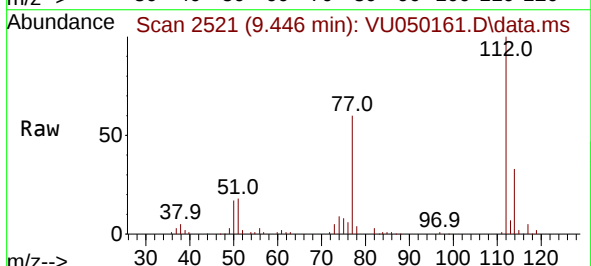
Tgt Ion:112 Resp: 99895

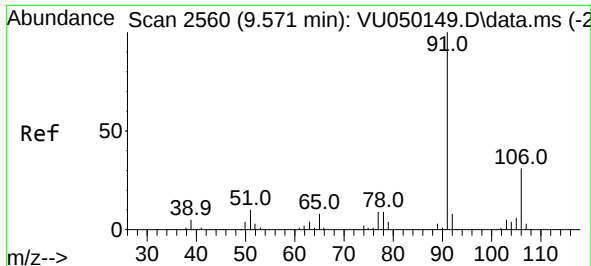
Ion Ratio Lower Upper

112 100

114 33.2 22.1 41.1

77 60.3 46.3 69.5

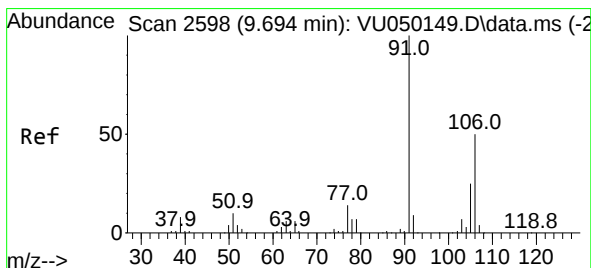
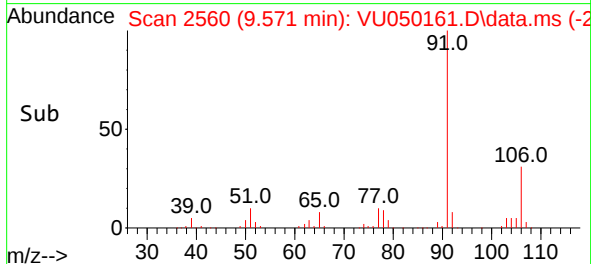
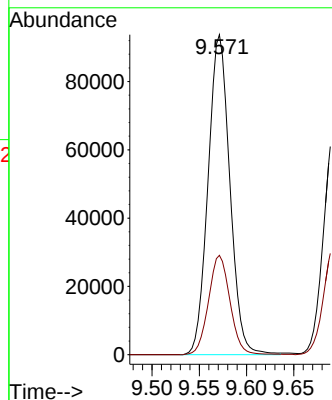
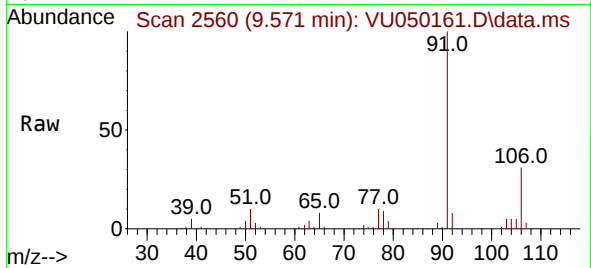




#52
Ethylbenzene
Concen: 4.699 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

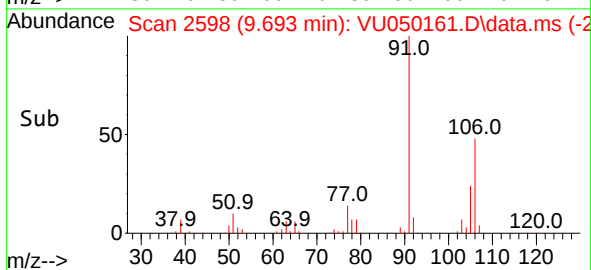
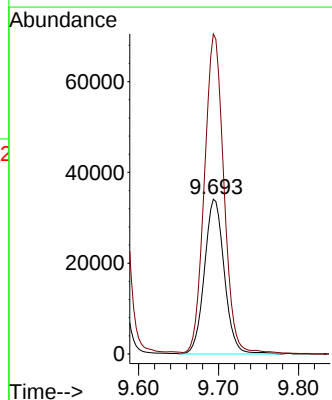
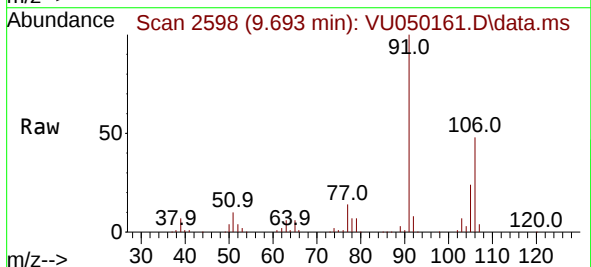
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

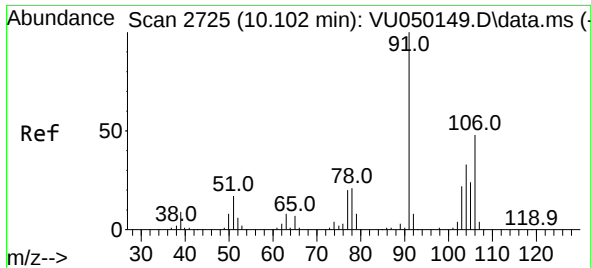
Tgt Ion: 91 Resp: 150214
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.003 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 106 Resp: 58897
Ion Ratio Lower Upper
106 100
91 206.9 143.1 265.9

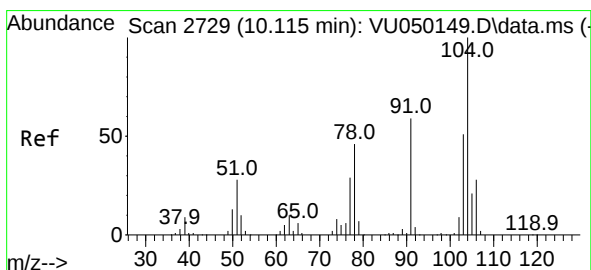
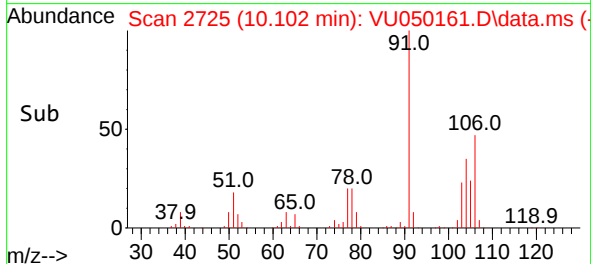
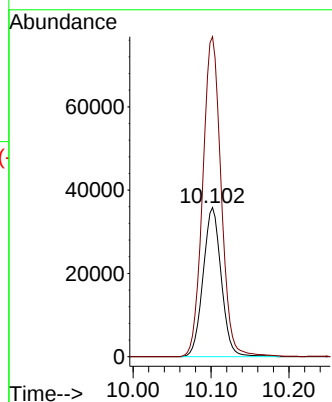
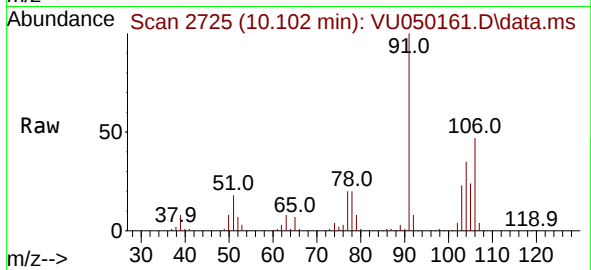




#54
o-Xylene
Concen: 4.951 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

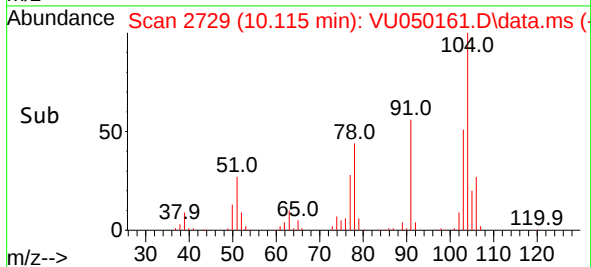
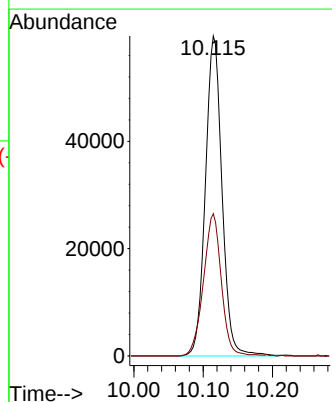
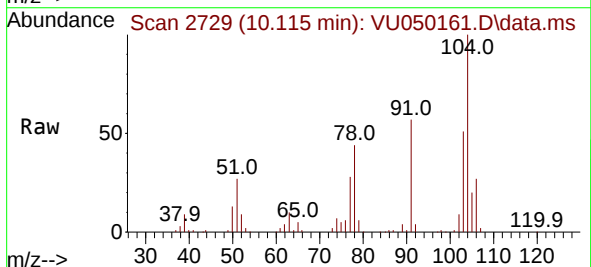
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

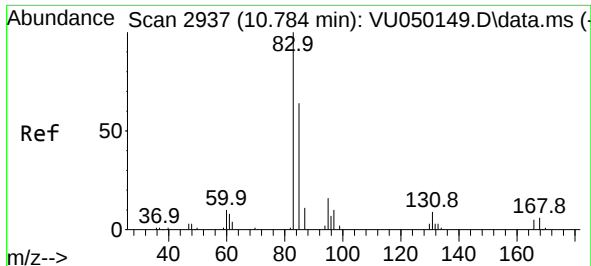
Tgt Ion:106 Resp: 58180
Ion Ratio Lower Upper
106 100
91 214.7 149.4 277.4



#55
Styrene
Concen: 5.049 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion:104 Resp: 99125
Ion Ratio Lower Upper
104 100
78 44.4 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.197 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

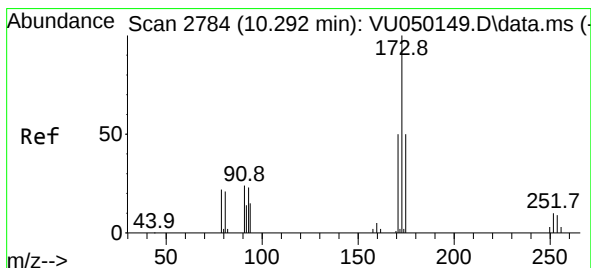
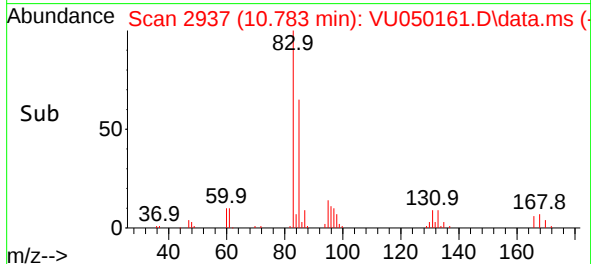
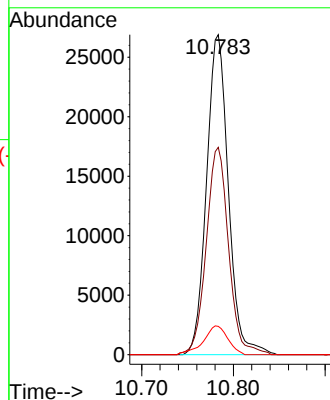
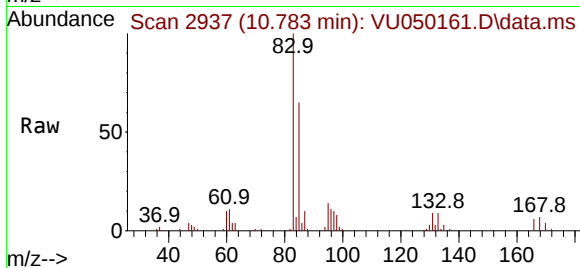
Tgt Ion: 83 Resp: 44414

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

131 8.9 6.6 9.8



#59

Bromoform

Concen: 4.877 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

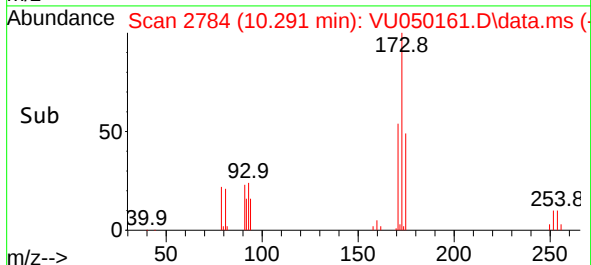
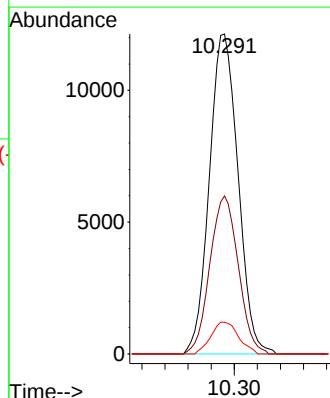
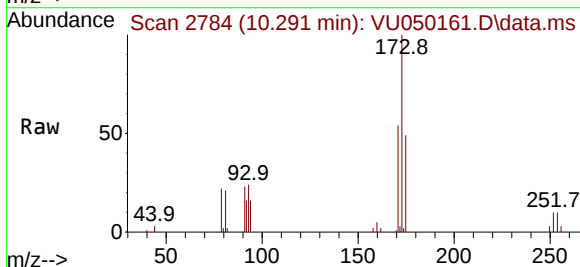
Tgt Ion:173 Resp: 20899

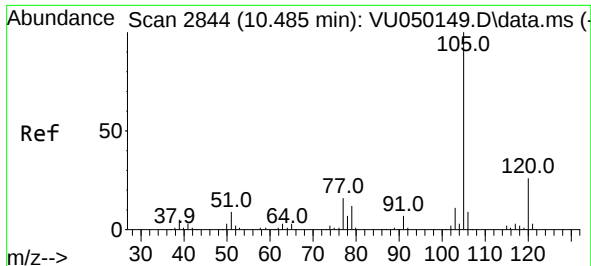
Ion Ratio Lower Upper

173 100

175 48.9 37.0 55.6

254 9.6 7.4 11.0

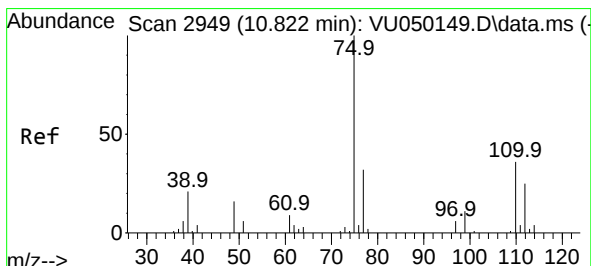
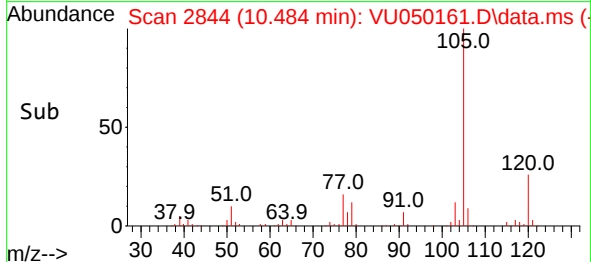
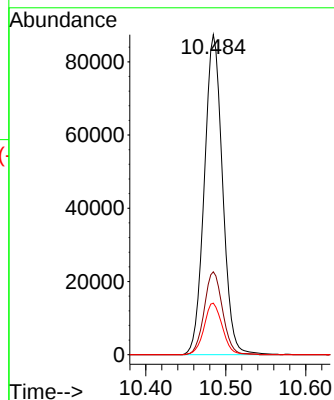
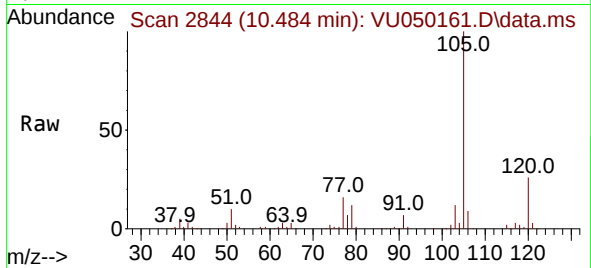




#60
Isopropylbenzene
Concen: 4.867 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

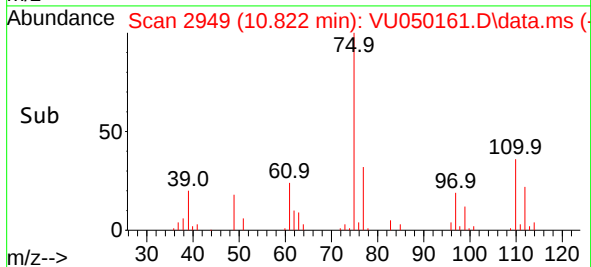
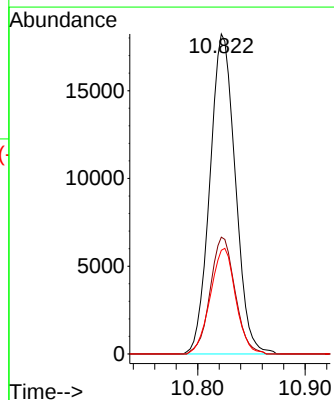
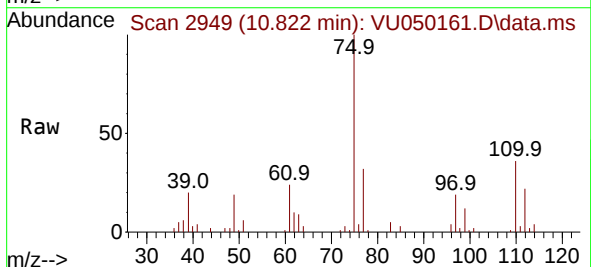
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

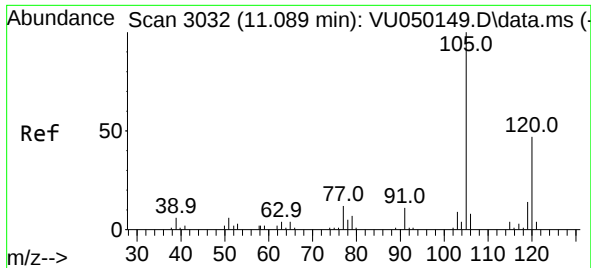
Tgt Ion:105 Resp: 138887
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.140 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 75 Resp: 29916
Ion Ratio Lower Upper
75 100
110 35.6 28.5 42.7
77 32.9 25.8 38.6

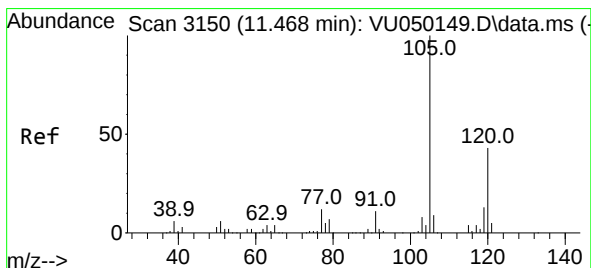
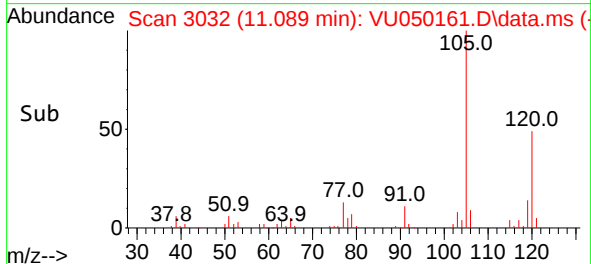
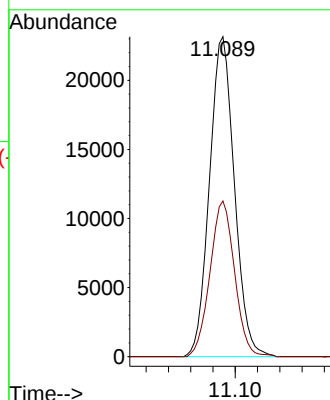
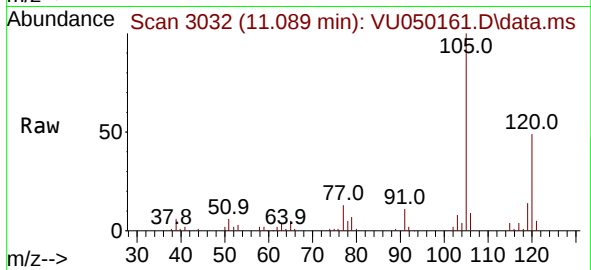




#62
 1,3,5-Trimethylbenzene
 Concen: 4.462 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

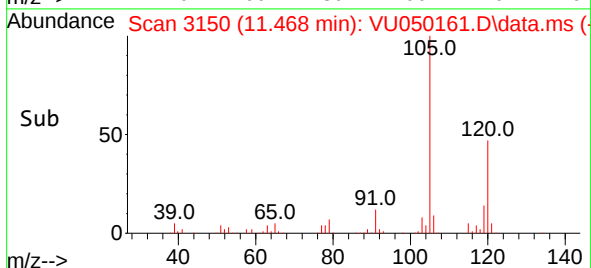
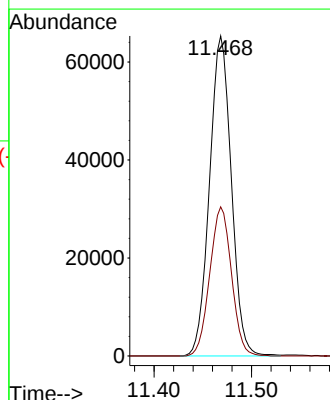
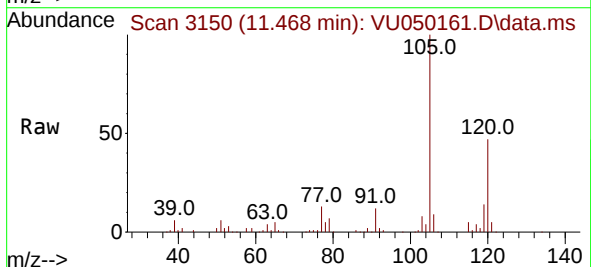
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MS

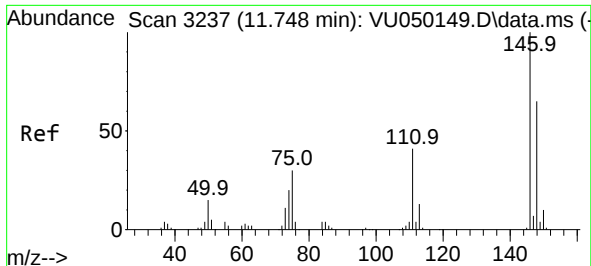
Tgt Ion:105 Resp: 35972
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.625 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050161.D
 Acq: 09 Aug 2022 02:44

Tgt Ion:105 Resp: 101585
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.9 53.9

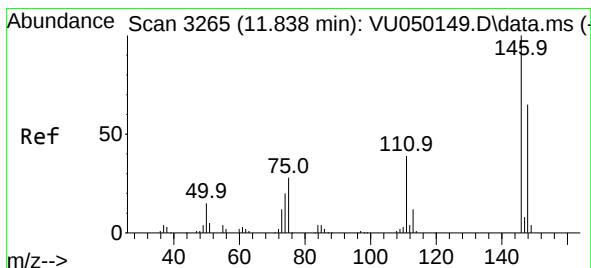
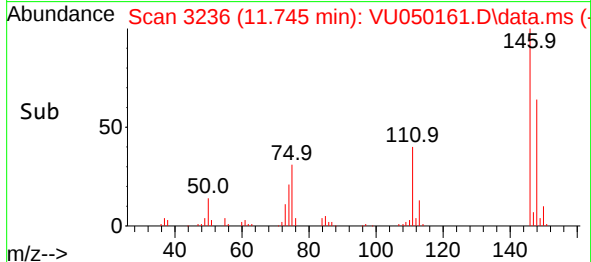
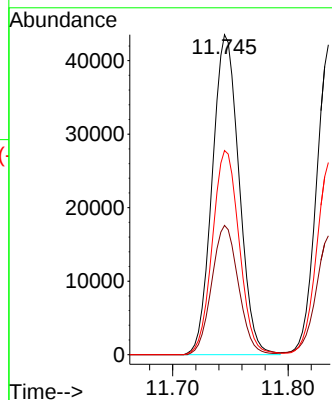
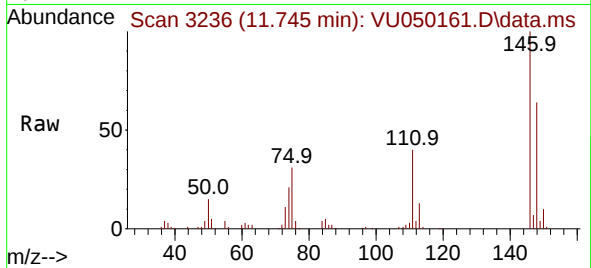




#64
1,3-Dichlorobenzene
Concen: 4.879 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

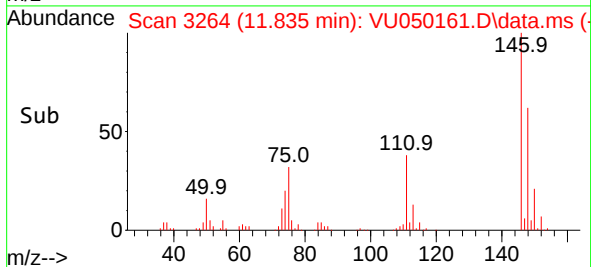
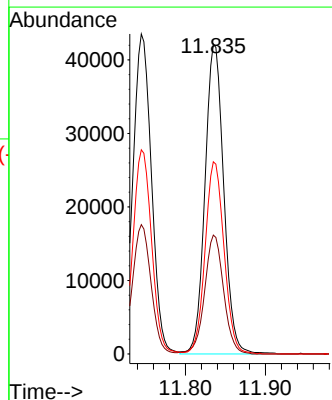
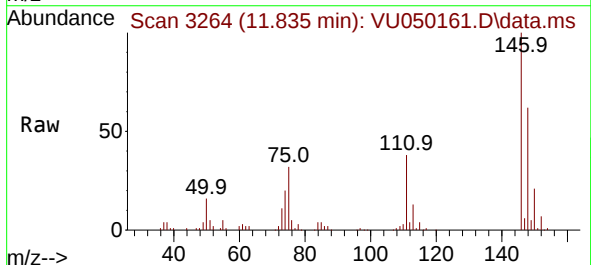
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

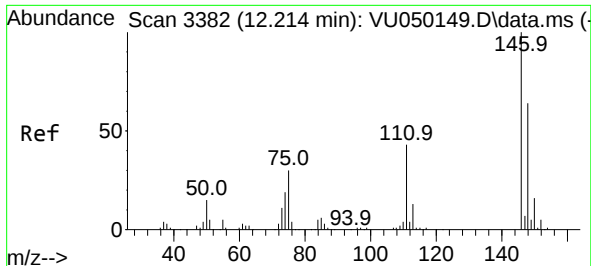
Tgt Ion:146 Resp: 70166
Ion Ratio Lower Upper
146 100
111 40.4 29.9 55.5
148 63.8 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.930 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion:146 Resp: 68996
Ion Ratio Lower Upper
146 100
111 38.4 28.1 52.1
148 62.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.024 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

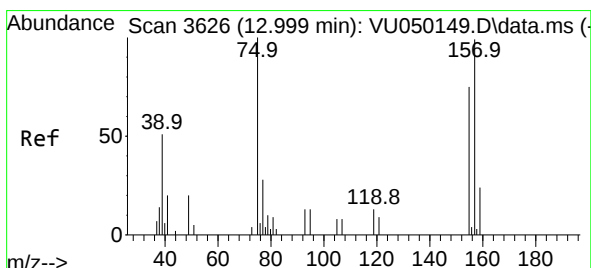
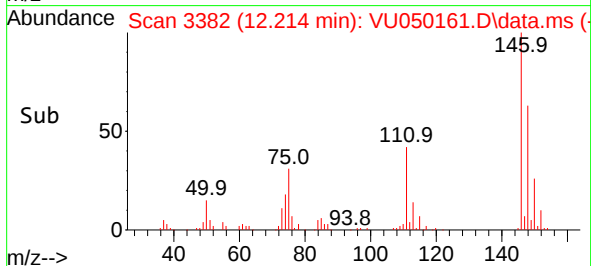
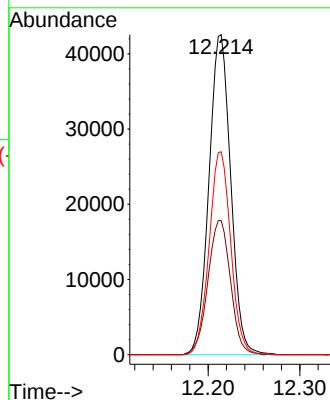
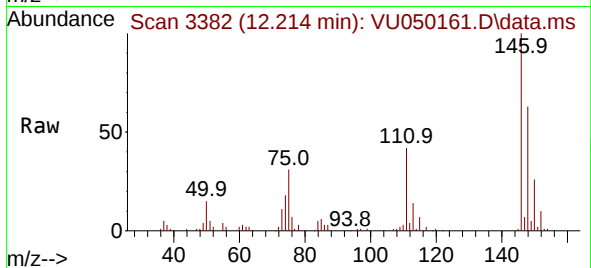
Tgt Ion:146 Resp: 69967

Ion Ratio Lower Upper

146 100

111 41.9 32.9 49.3

148 63.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.315 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

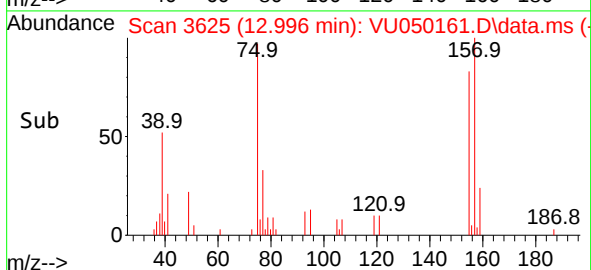
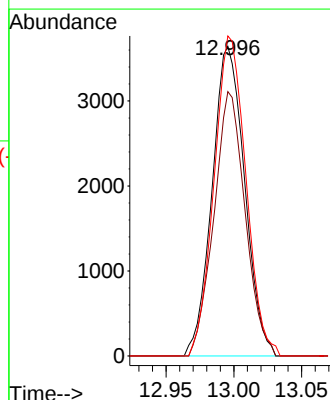
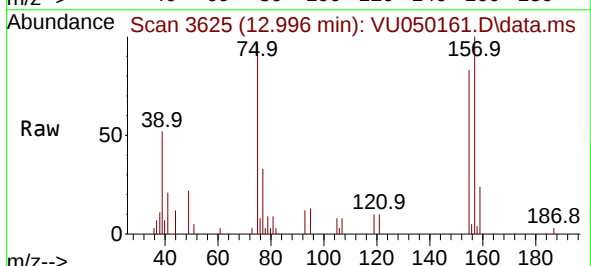
Tgt Ion: 75 Resp: 6066

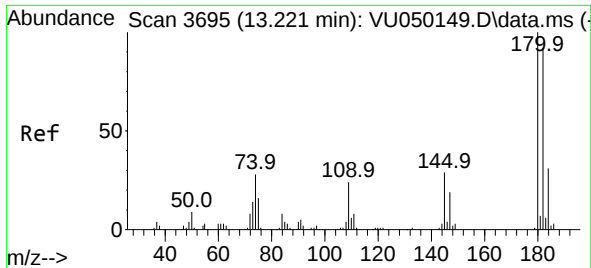
Ion Ratio Lower Upper

75 100

155 85.4 63.5 95.3

157 103.4 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.479 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MS

Tgt Ion:180 Resp: 45893

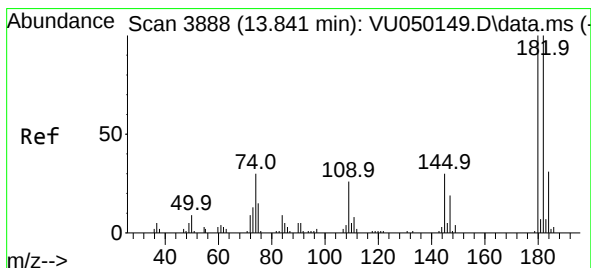
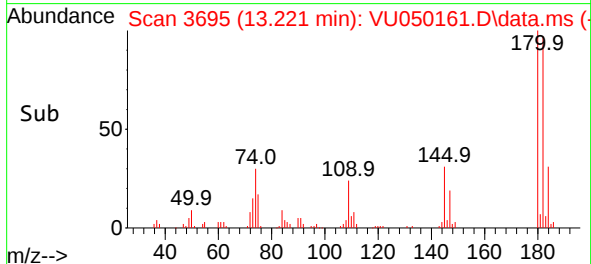
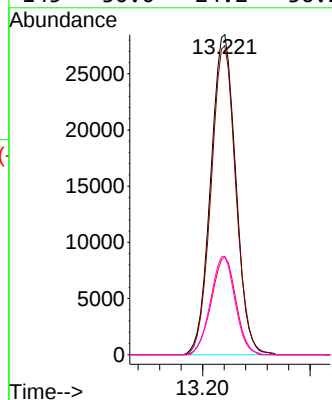
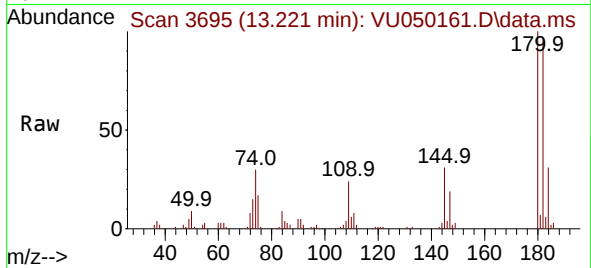
Ion Ratio Lower Upper

180 100

182 95.2 77.3 115.9

184 30.2 24.1 36.1

145 30.0 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.403 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050161.D

Acq: 09 Aug 2022 02:44

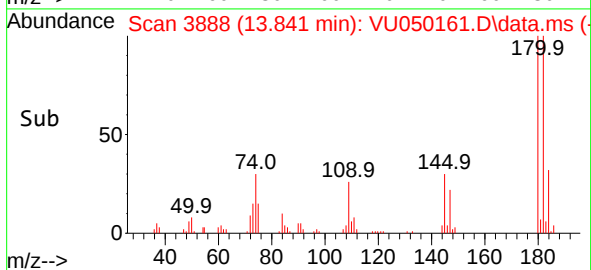
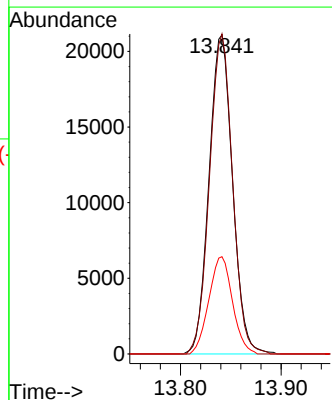
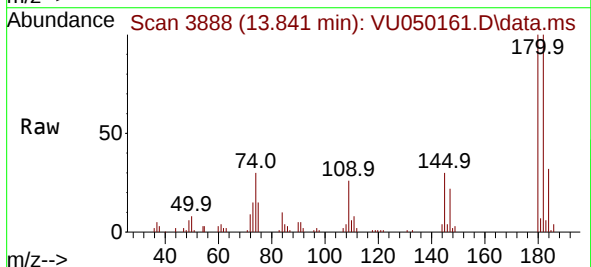
Tgt Ion:180 Resp: 34176

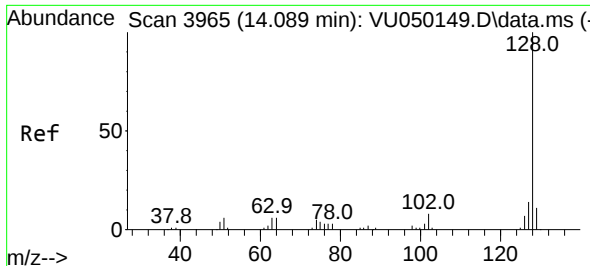
Ion Ratio Lower Upper

180 100

182 98.5 76.9 115.3

145 30.7 24.2 36.4

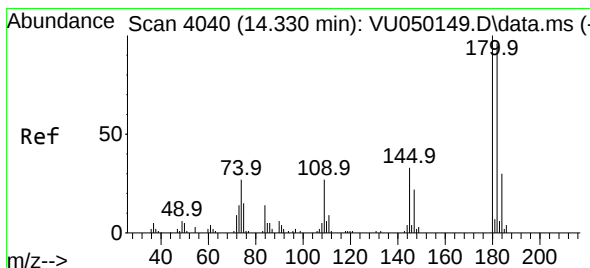
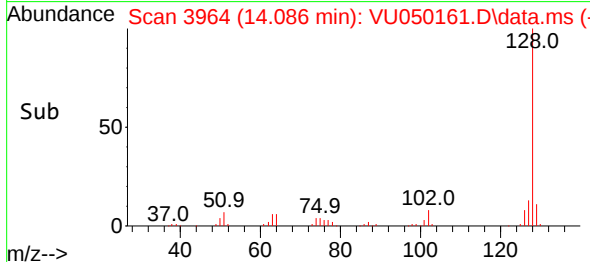
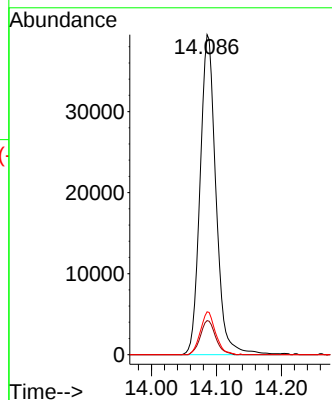
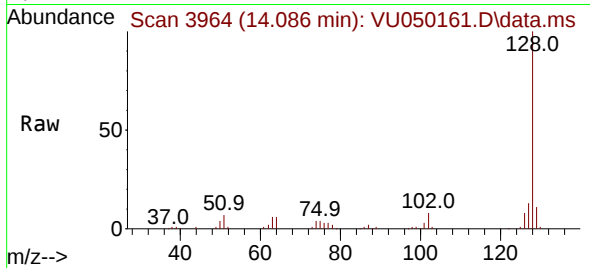




#71
Naphthalene
Concen: 4.227 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MS

Tgt Ion:128 Resp: 67283
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.708 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050161.D
Acq: 09 Aug 2022 02:44

Tgt Ion:180 Resp: 37050
Ion Ratio Lower Upper
180 100
182 95.5 77.5 116.3
145 33.3 25.8 38.6

