

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050308.D
 Acq On : 13 Aug 2022 02:37
 Operator : SY/MD
 Sample : N4072-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MSD

Quant Time: Aug 13 03:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	84555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25184	3.579	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.909	69	26214	4.617	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.565	65	9698	3.526	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.623	46	103882	60.538	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.080%	
24) Chloroform-d	5.064	84	63591	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.700	65	33361	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.726	84	111019	4.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.690	67	40396	4.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.896	98	91234	3.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.179	79	12482	3.907	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.633	63	65950	58.205	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.420%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39511	5.046	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	34101	4.283	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35886	4.629	ug/L	100
3) Chloromethane	1.520	50	50897	5.019	ug/L	99
5) Vinyl chloride	1.604	62	47246	5.201	ug/L	97
6) Bromomethane	1.851	94	20183	3.481	ug/L	98
8) Chloroethane	1.929	64	31199	5.829	ug/L	94
9) Trichlorofluoromethane	2.138	101	53187	5.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28115	5.080	ug/L	97
12) 1,1-Dichloroethene	2.578	96	30519	5.222	ug/L	82
13) Acetone	2.626	43	68726	71.916	ug/L	95
14) Carbon disulfide	2.790	76	102028	4.887	ug/L	99
15) Methyl Acetate	2.951	43	12232	4.688	ug/L	93
16) Methylene chloride	3.044	84	41913	4.693	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	83425	5.469	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	34238	5.232	ug/L	95
19) 1,1-Dichloroethane	3.867	63	69258	5.589	ug/L	98
21) 2-Butanone	4.703	43	110124	64.083	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	40062	5.516	ug/L	99
23) Bromochloromethane	4.973	128	19234	5.540	ug/L	98
25) Chloroform	5.089	83	72507	5.488	ug/L	98

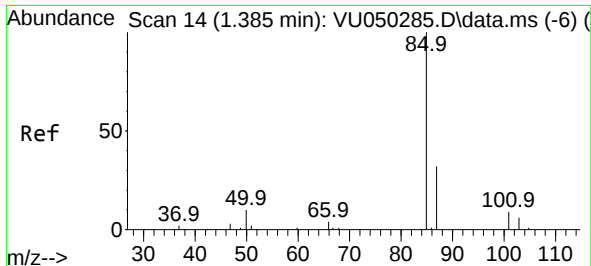
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	44557	5.541	ug/L	100
29) 1,1,1-Trichloroethane	5.318	97	56393	5.298	ug/L	98
30) Cyclohexane	5.388	56	43860	4.729	ug/L	98
31) Carbon tetrachloride	5.523	117	44041	5.048	ug/L	98
33) Benzene	5.774	78	154946	5.097	ug/L	100
34) Trichloroethene	6.543	95	35725	4.859	ug/L	98
35) Methylcyclohexane	6.764	83	41683	4.392	ug/L	97
37) 1,2-Dichloropropane	6.790	63	42763	5.281	ug/L	99
38) Bromodichloromethane	7.105	83	52507	5.338	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	49762	4.709	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	265970	56.708	ug/L	98
42) Toluene	7.970	91	161587	5.300	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43666	4.818	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	32195	5.319	ug/L	96
47) Tetrachloroethene	8.552	164	25867	4.910	ug/L	98
48) 2-Hexanone	8.684	43	200394	55.243	ug/L	98
49) Dibromochloromethane	8.809	129	35264	5.264	ug/L	98
50) 1,2-Dibromoethane	8.922	107	30073	5.479	ug/L	98
51) Chlorobenzene	9.446	112	97405	5.078	ug/L	96
52) Ethylbenzene	9.571	91	148634	4.996	ug/L	99
53) m,p-Xylene	9.694	106	57352	5.235	ug/L	99
54) o-Xylene	10.099	106	56750	5.189	ug/L	96
55) Styrene	10.115	104	93059	5.093	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	44261	5.565	ug/L	100
59) Bromoform	10.288	173	20230	4.964	ug/L	96
60) Isopropylbenzene	10.485	105	138336	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30047	5.428	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	37460	4.886	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	106044	5.076	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	69606	5.089	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	68441	5.142	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	71942	5.431	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6381	5.879	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	48935	5.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	40671	5.509	ug/L	99
71) Naphthalene	14.086	128	88396	5.839	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42347	5.658	ug/L	98

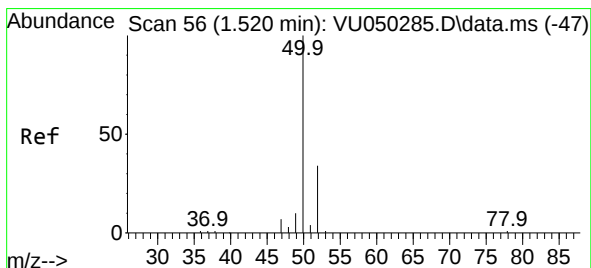
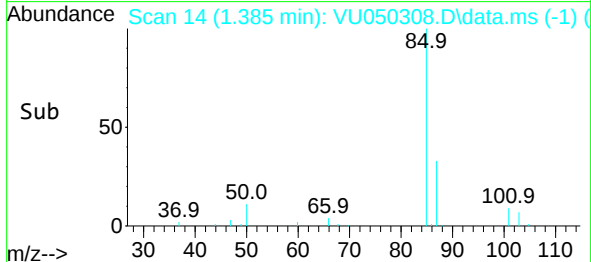
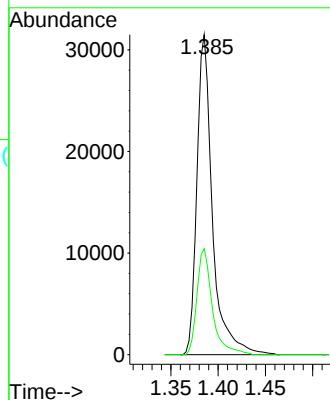
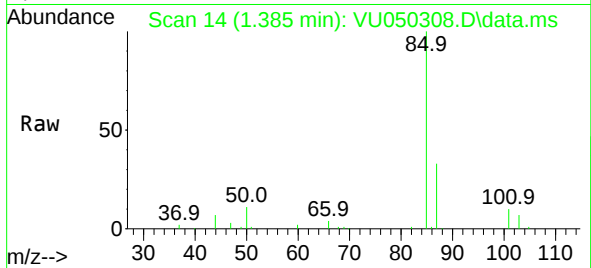
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#2
Dichlorodifluoromethane
Concen: 4.629 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

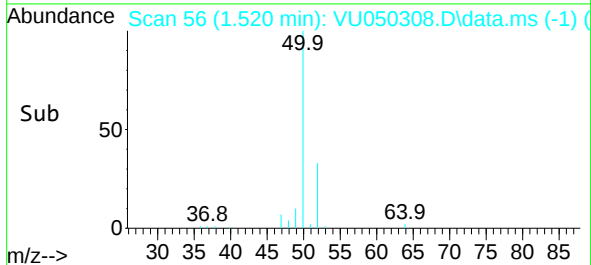
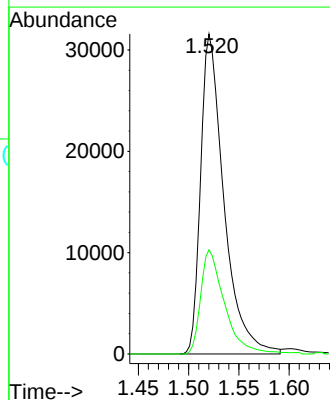
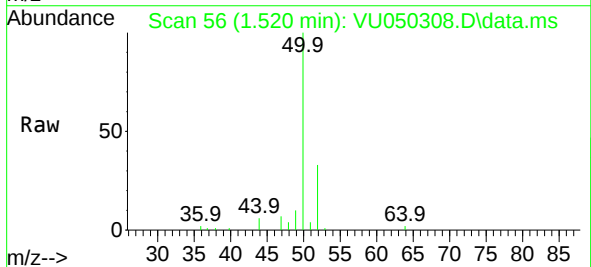
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

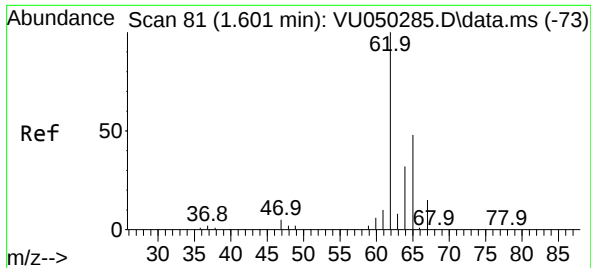
Tgt Ion: 85 Resp: 35886
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.4



#3
Chloromethane
Concen: 5.019 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 50 Resp: 50897
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

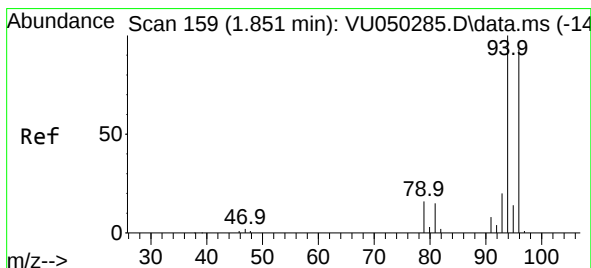
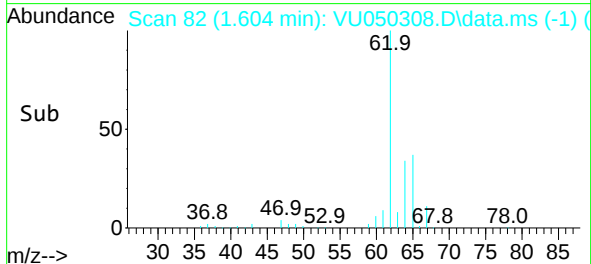
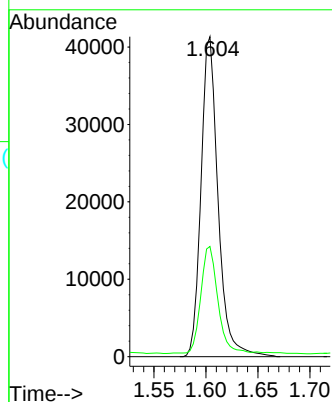
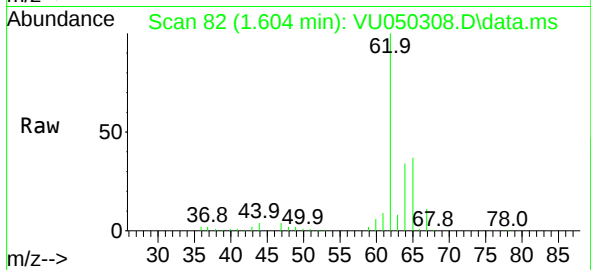




#5
 Vinyl chloride
 Concen: 5.201 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

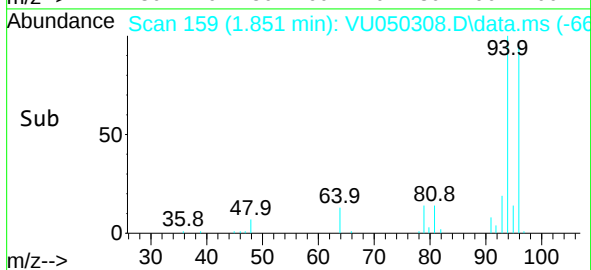
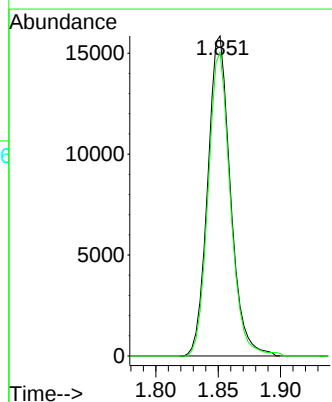
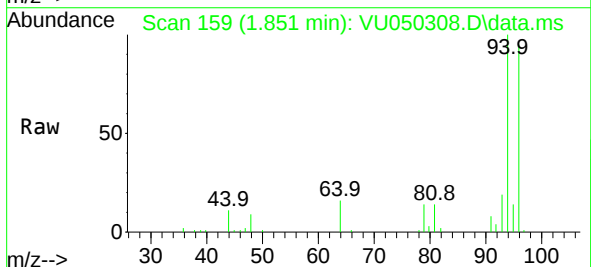
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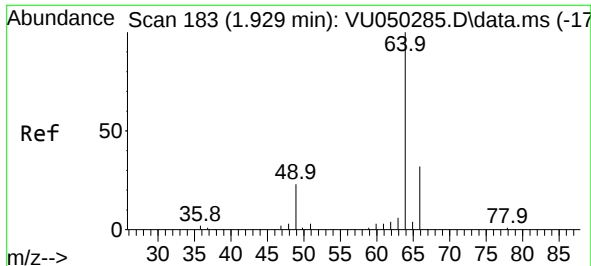
Tgt Ion: 62 Resp: 47246
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.8 42.4



#6
 Bromomethane
 Concen: 3.481 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

Tgt Ion: 94 Resp: 20183
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.3 121.3

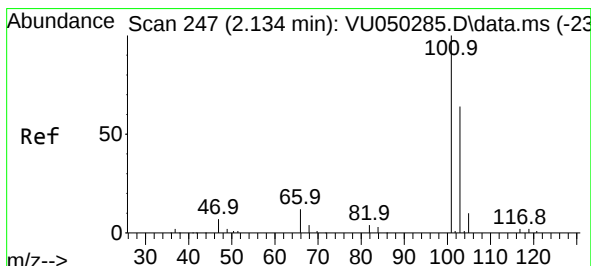
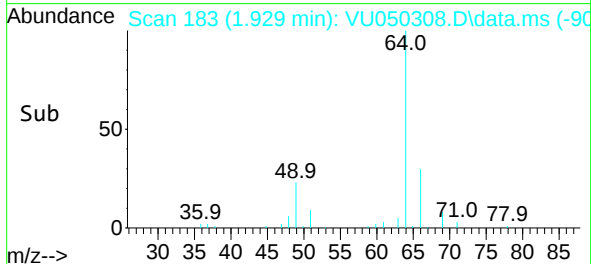
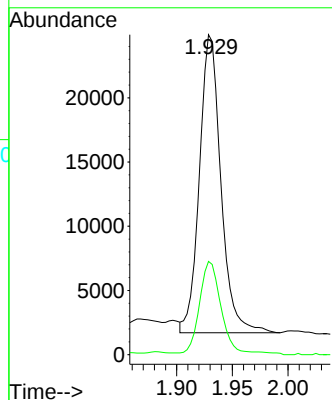
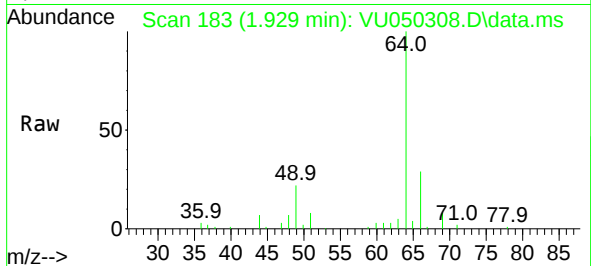




#8
Chloroethane
Concen: 5.829 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

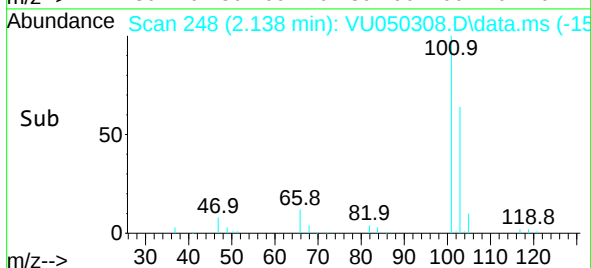
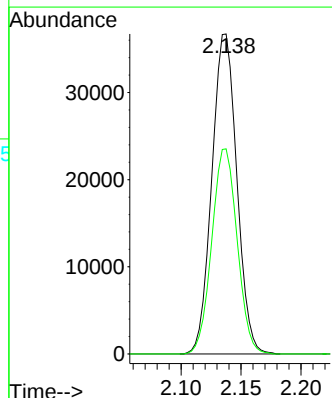
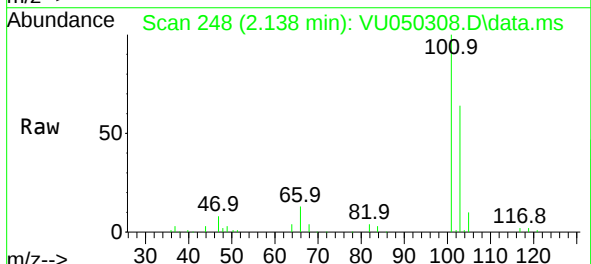
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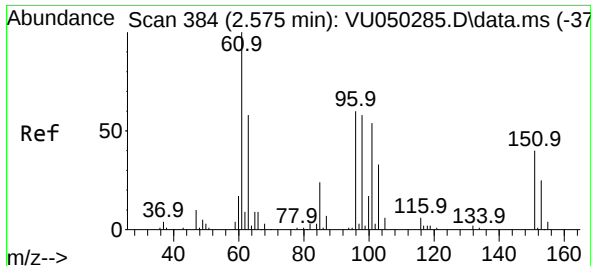
Tgt Ion: 64 Resp: 31199
Ion Ratio Lower Upper
64 100
66 29.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.346 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:101 Resp: 53187
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8





#10

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

Concen: 5.080 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MSD

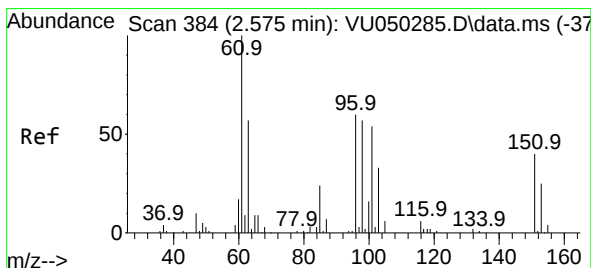
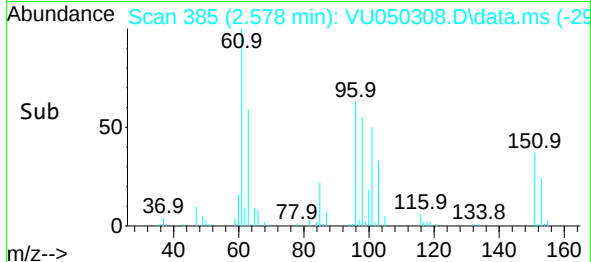
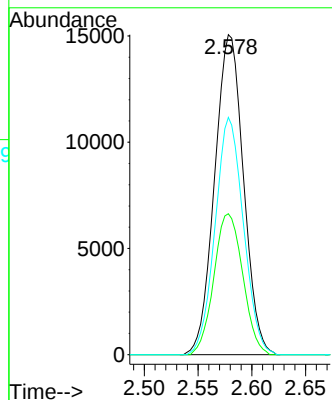
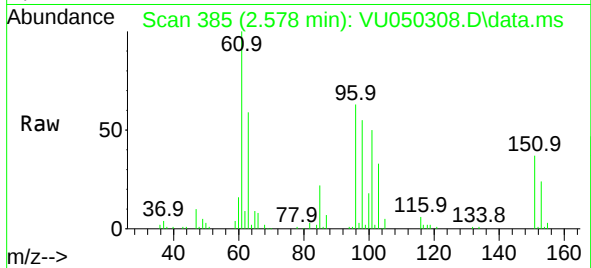
Tgt Ion:101 Resp: 28115

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

151 72.8 55.2 82.8



#12

1,1-Dichloroethene

Concen: 5.222 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

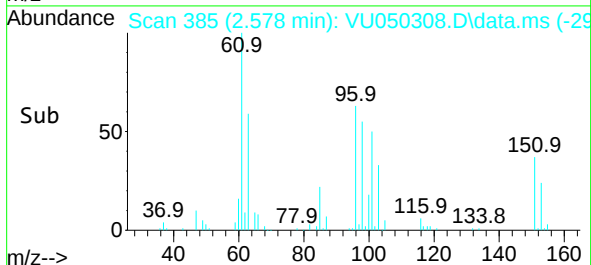
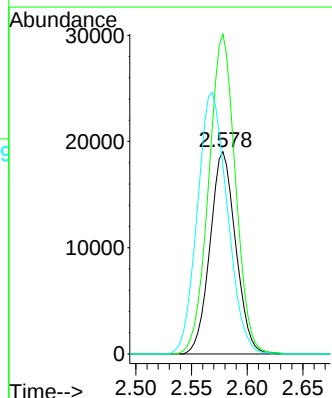
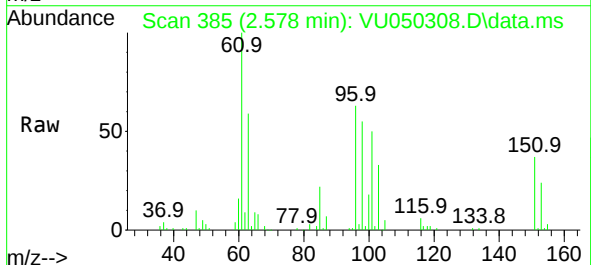
Tgt Ion: 96 Resp: 30519

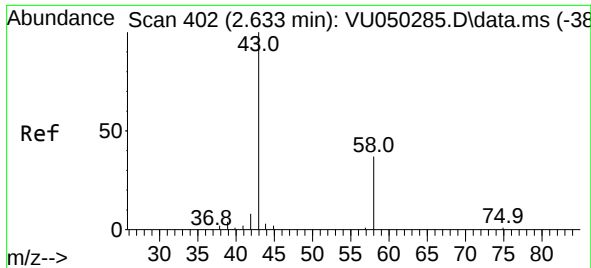
Ion Ratio Lower Upper

96 100

61 158.2 122.7 227.9

63 93.2 85.1 158.1





#13

Acetone

Concen: 71.916 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU050308.D

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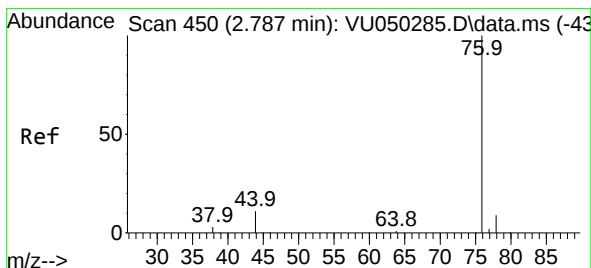
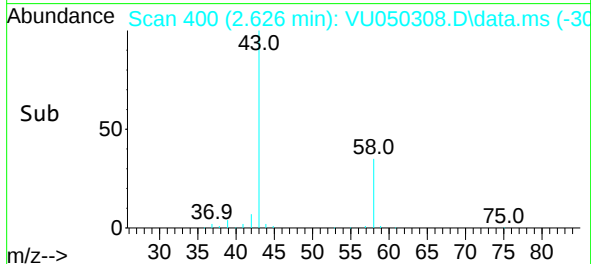
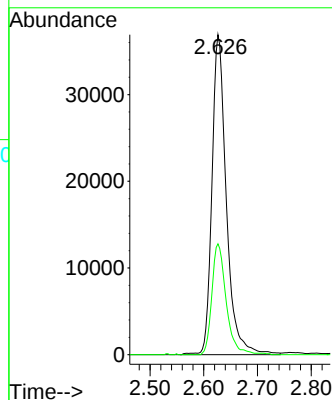
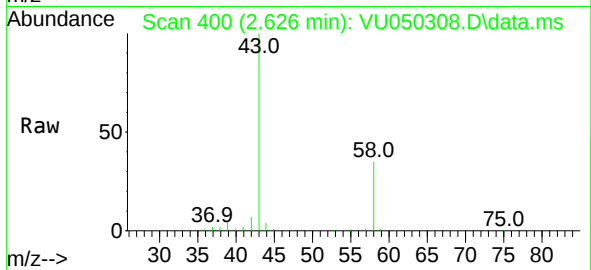
DBUT5MSD

Tgt Ion: 43 Resp: 68726

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.0



#14

Carbon disulfide

Concen: 4.887 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050308.D

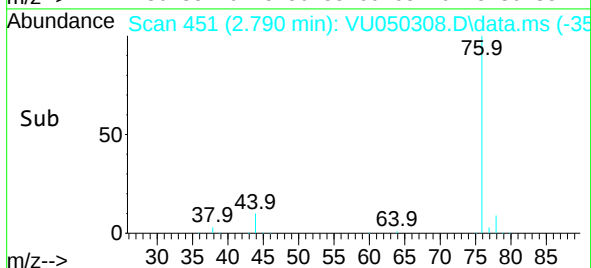
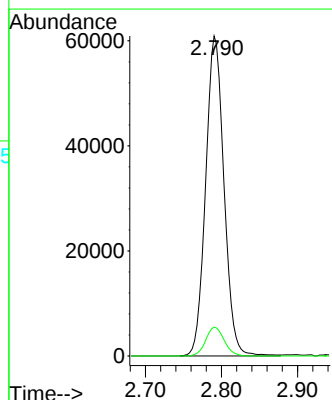
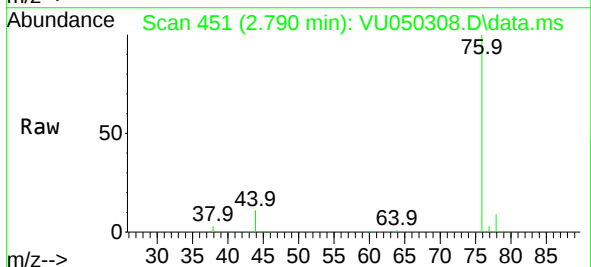
Acq: 13 Aug 2022 02:37

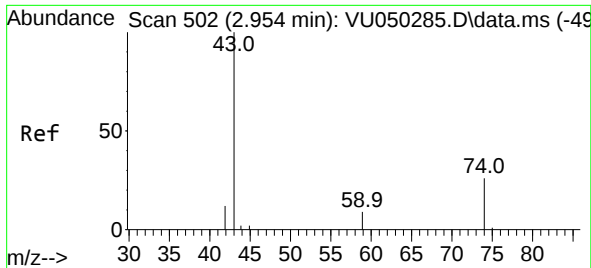
Tgt Ion: 76 Resp: 102028

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

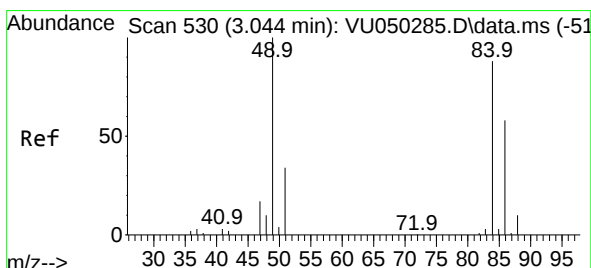
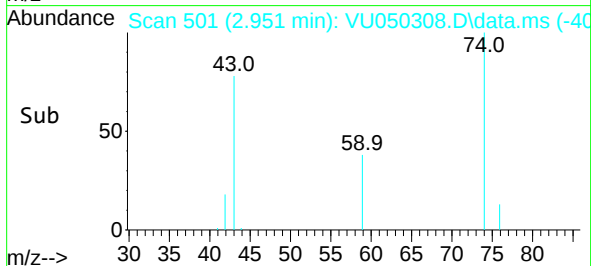
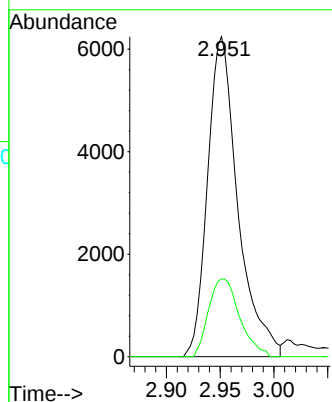
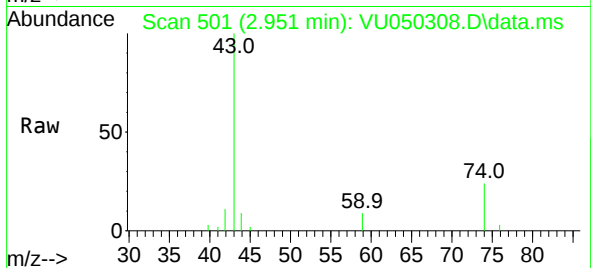




#15
Methyl Acetate
Concen: 4.688 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

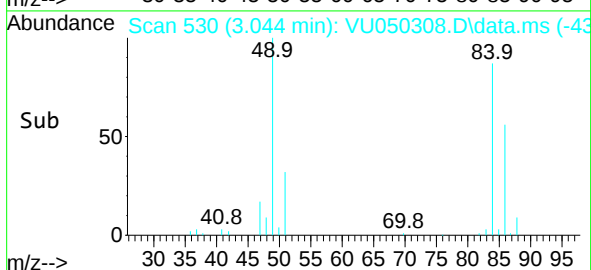
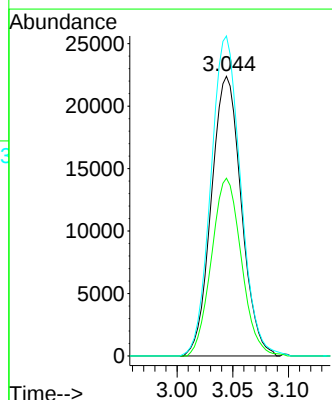
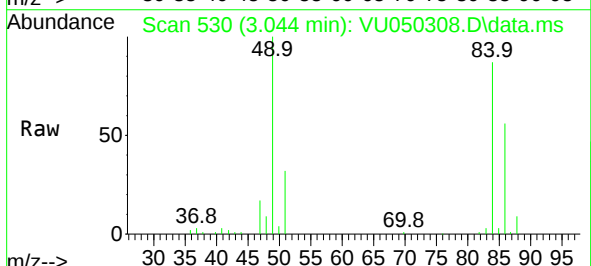
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

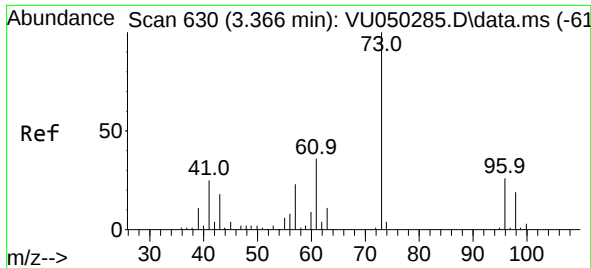
Tgt Ion: 43 Resp: 12232
Ion Ratio Lower Upper
43 100
74 24.9 22.7 34.1



#16
Methylene chloride
Concen: 4.693 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 84 Resp: 41913
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 114.4 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.469 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MSD

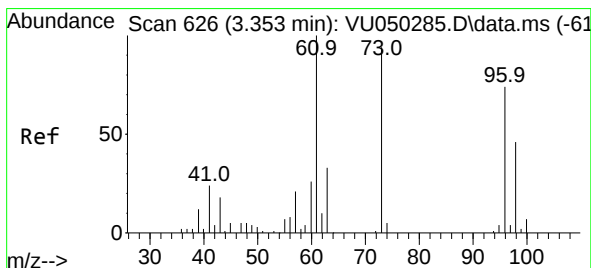
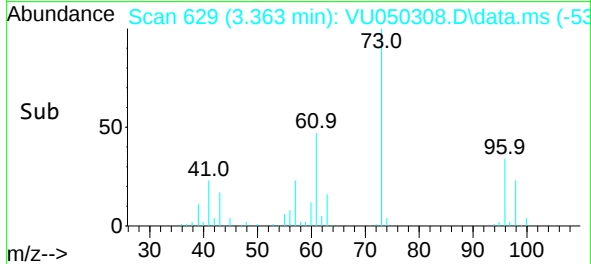
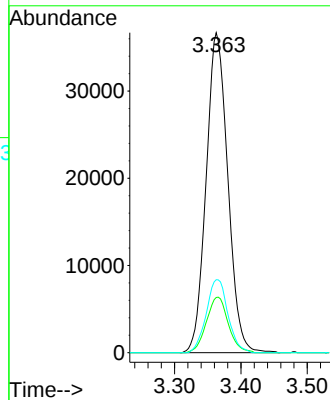
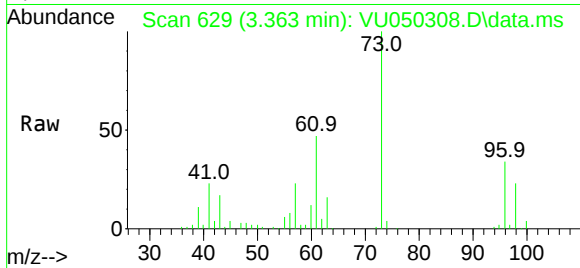
Tgt Ion: 73 Resp: 83425

Ion Ratio Lower Upper

73 100

43 17.6 13.5 20.3

57 22.8 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 5.232 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

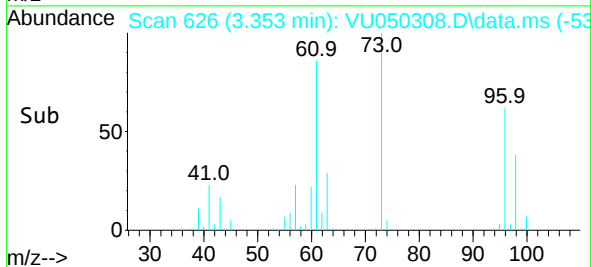
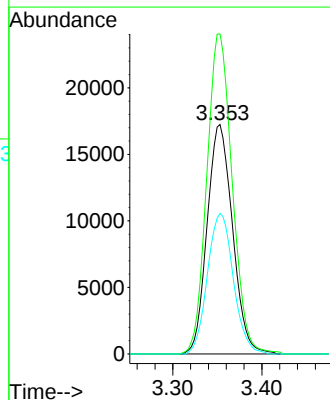
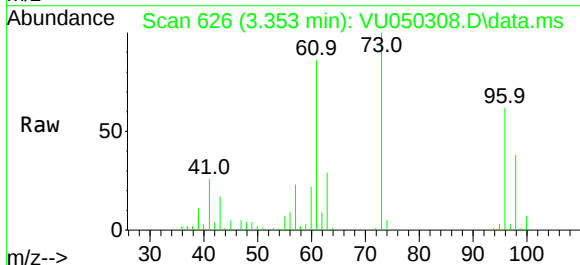
Tgt Ion: 96 Resp: 34238

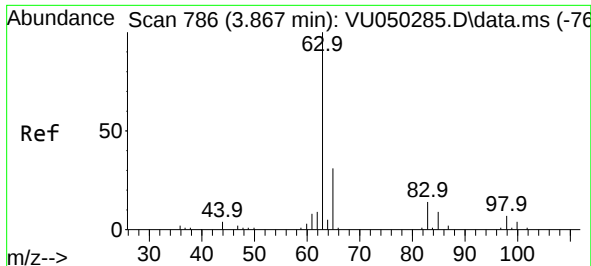
Ion Ratio Lower Upper

96 100

61 139.5 92.3 171.5

98 61.3 43.2 80.2

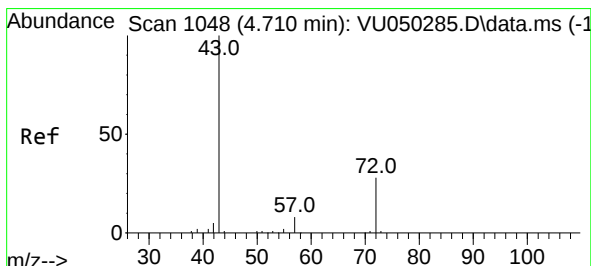
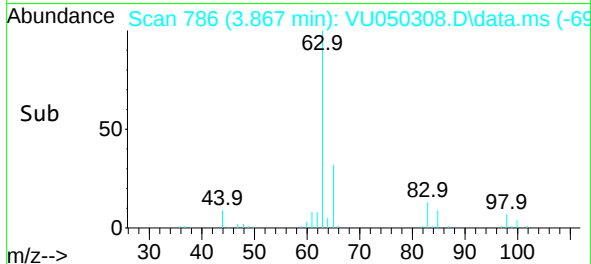
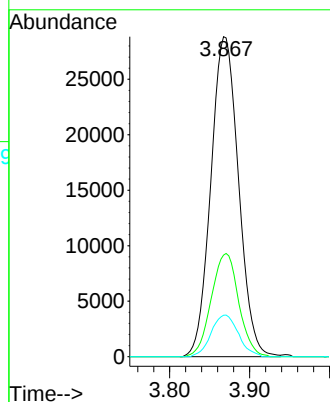
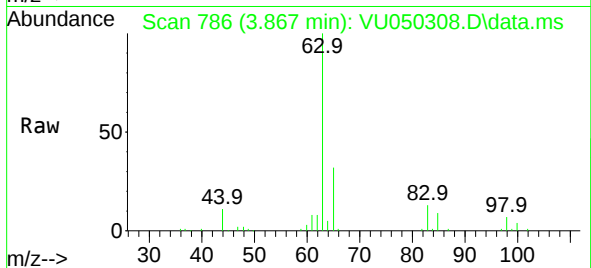




#19
1,1-Dichloroethane
Concen: 5.589 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

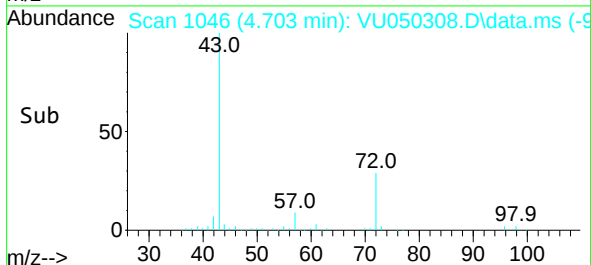
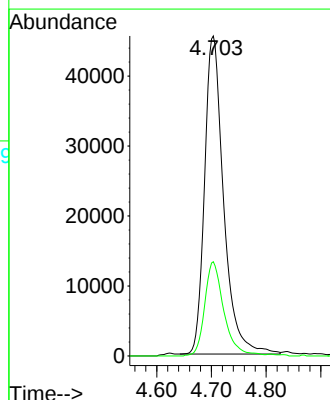
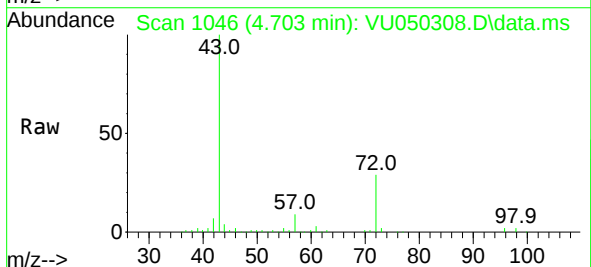
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

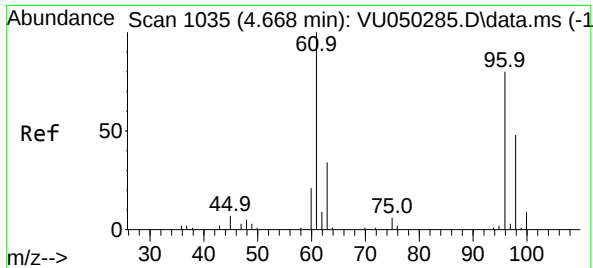
Tgt Ion: 63 Resp: 69258
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 13.0 9.8 18.2



#21
2-Butanone
Concen: 64.083 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 43 Resp: 110124
Ion Ratio Lower Upper
43 100
72 29.8 14.0 42.0

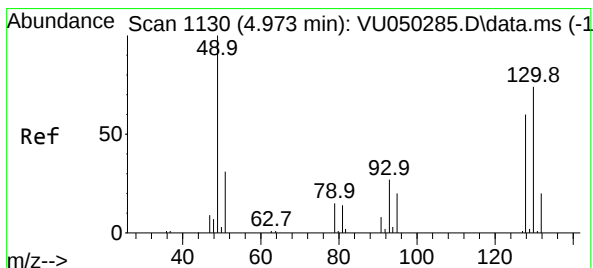
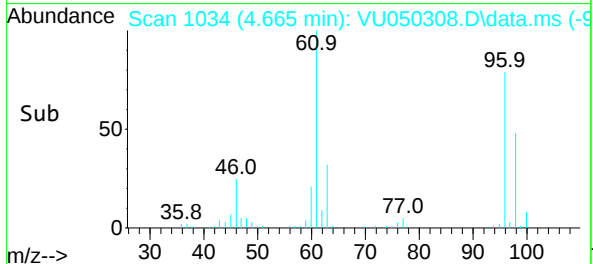
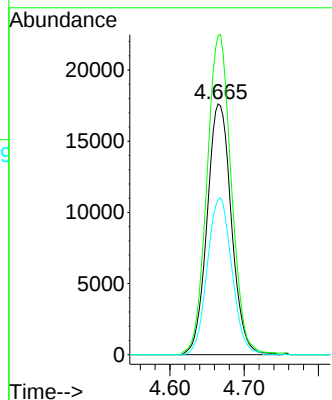
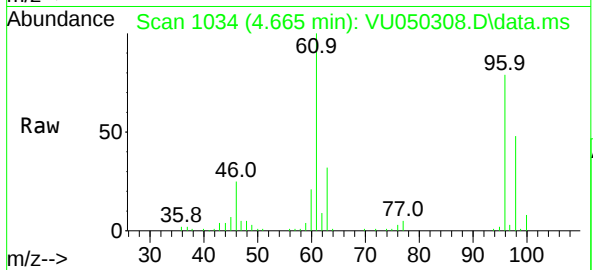




#22
 cis-1,2-Dichloroethene
 Concen: 5.516 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

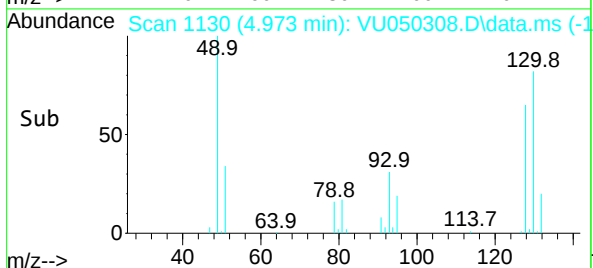
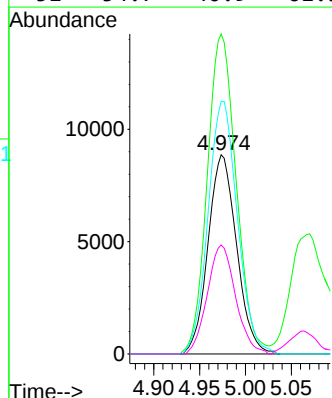
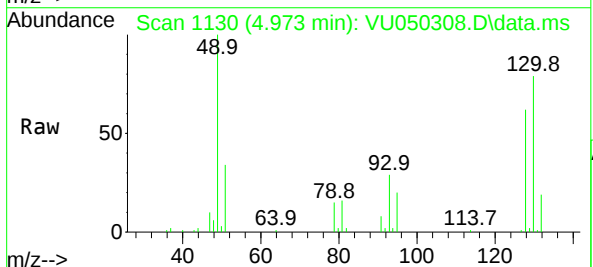
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MSD

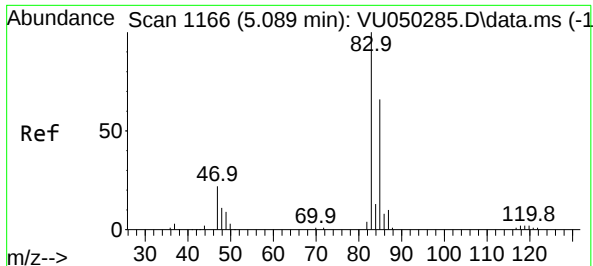
Tgt Ion: 96 Resp: 40062
 Ion Ratio Lower Upper
 96 100
 61 127.4 89.0 165.4
 98 61.7 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.540 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

Tgt Ion: 128 Resp: 19234
 Ion Ratio Lower Upper
 128 100
 49 160.6 111.4 206.8
 130 126.8 90.2 167.4
 51 54.7 40.9 61.3





#25

Chloroform

Concen: 5.488 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

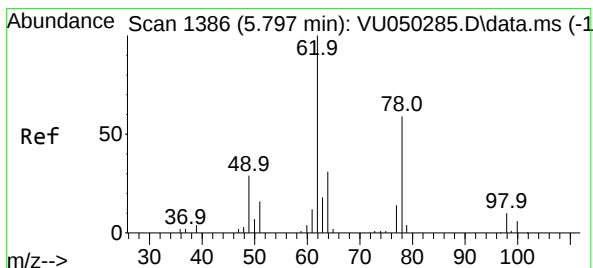
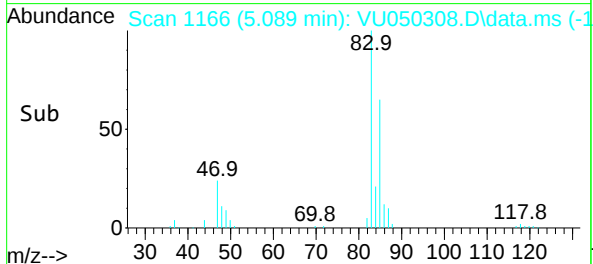
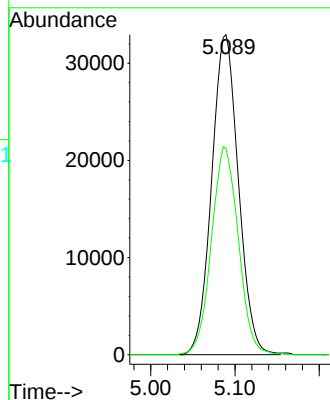
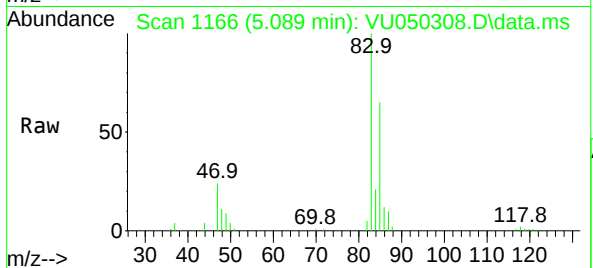
DBUT5MSD

Tgt Ion: 83 Resp: 72507

Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.541 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU050308.D

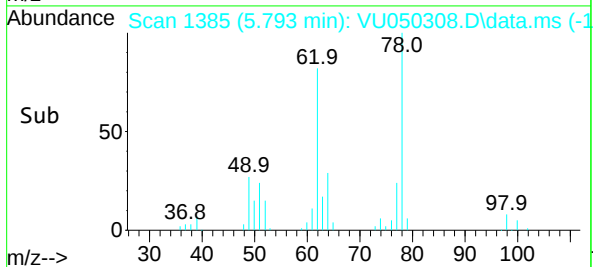
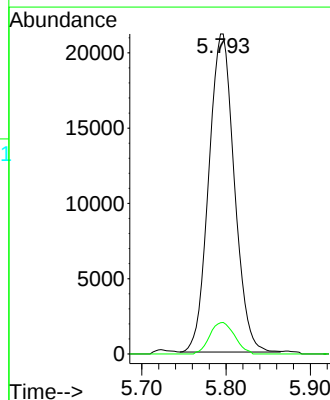
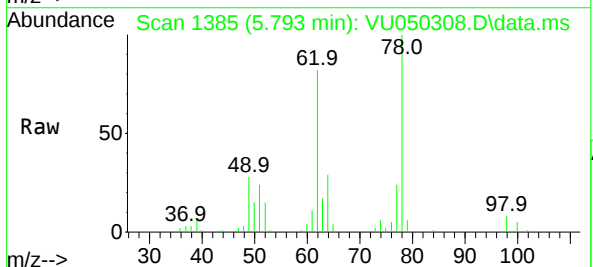
Acq: 13 Aug 2022 02:37

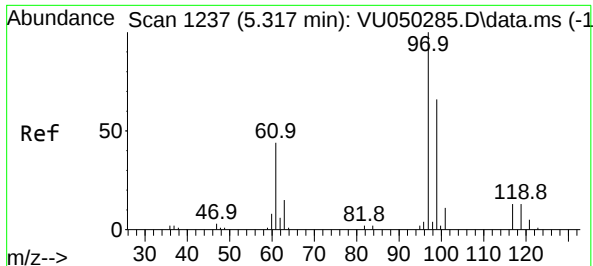
Tgt Ion: 62 Resp: 44557

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.298 ug/L

RT: 5.318 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MSD

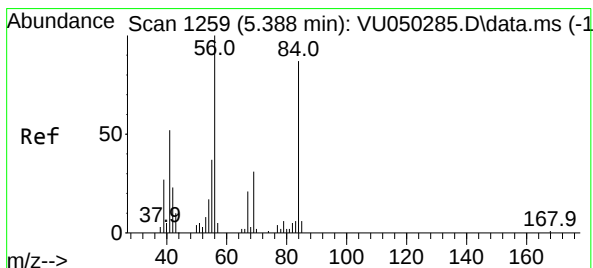
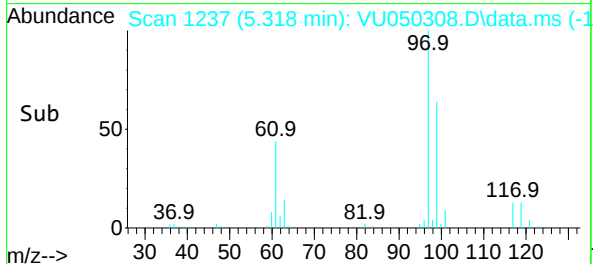
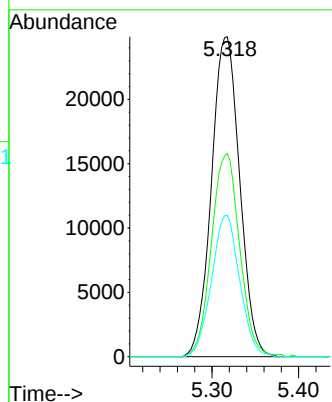
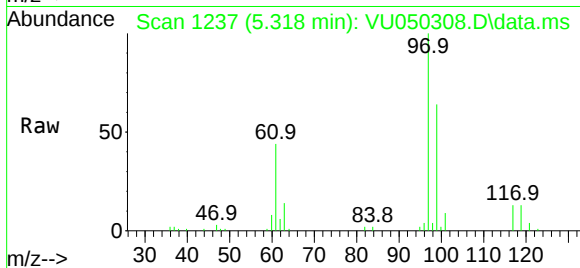
Tgt Ion: 97 Resp: 56393

Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 44.0 34.2 51.4



#30

Cyclohexane

Concen: 4.729 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

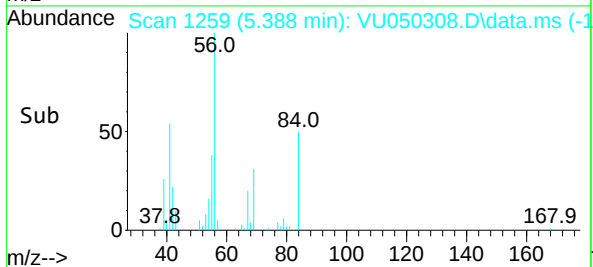
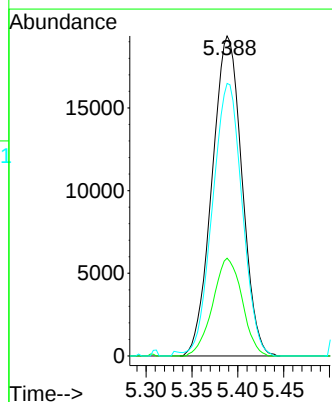
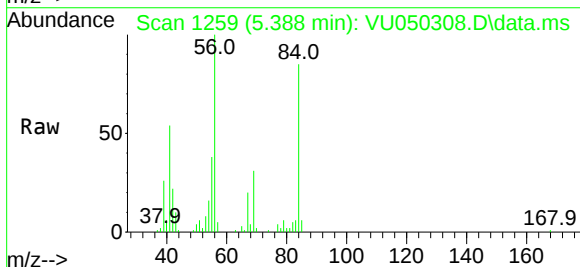
Tgt Ion: 56 Resp: 43860

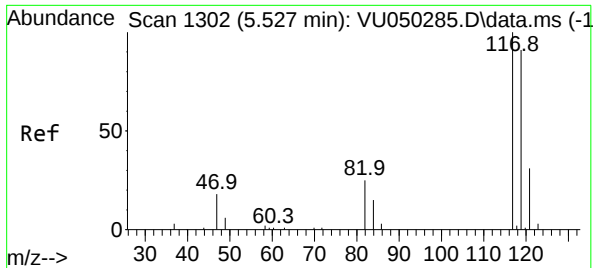
Ion Ratio Lower Upper

56 100

69 29.9 24.6 37.0

84 84.5 69.1 103.7

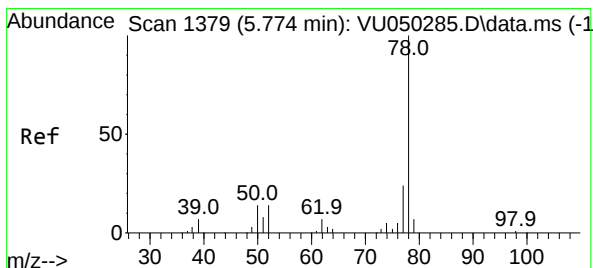
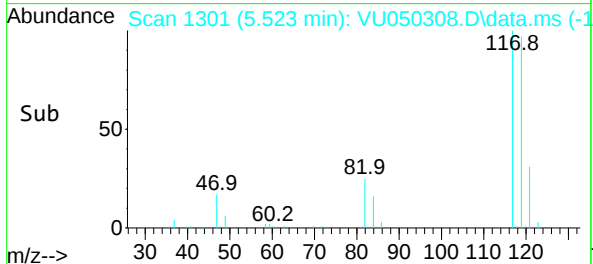
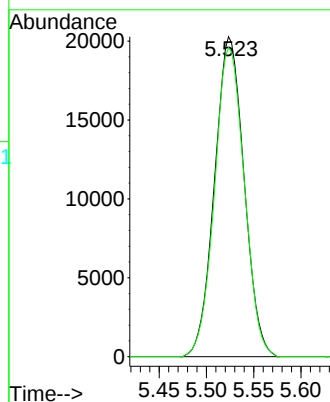
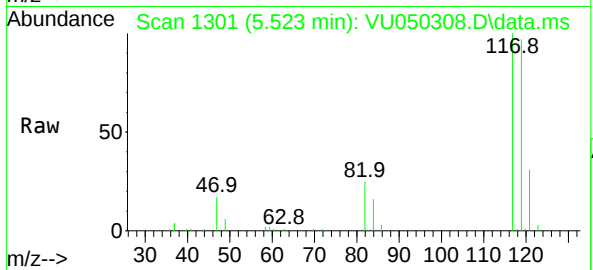




#31
Carbon tetrachloride
Concen: 5.048 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

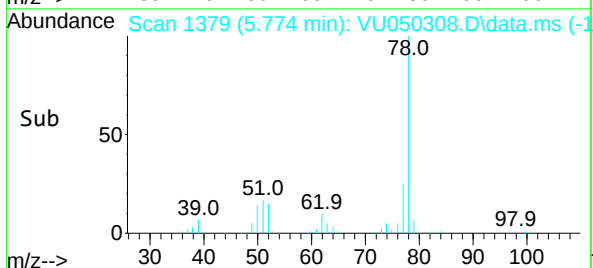
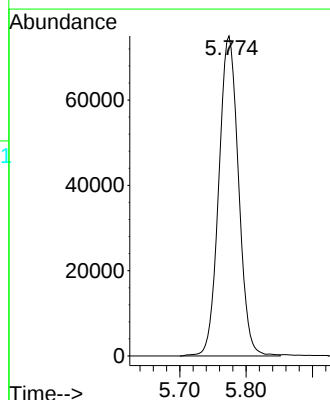
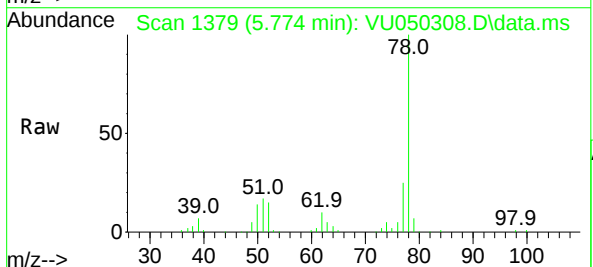
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

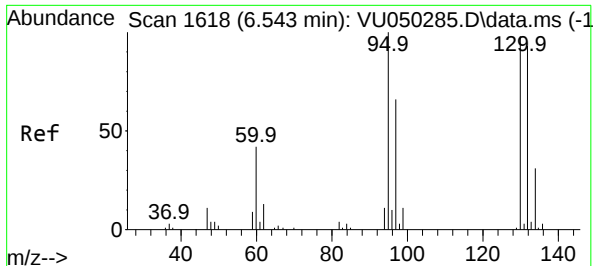
Tgt Ion:117 Resp: 44041
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0



#33
Benzene
Concen: 5.097 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 78 Resp: 154946

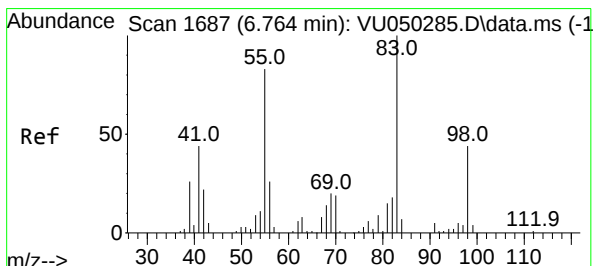
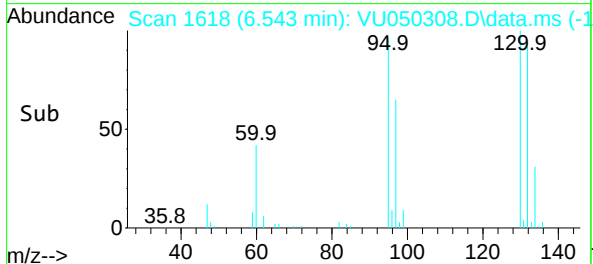
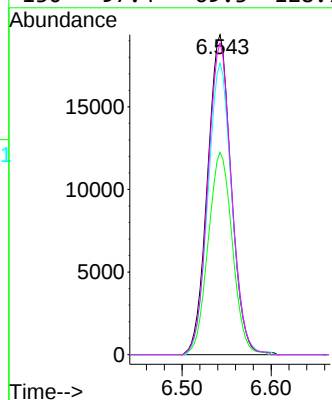
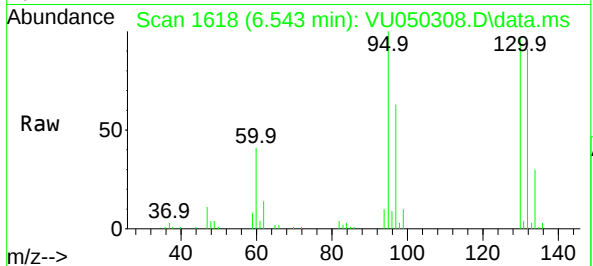




#34
Trichloroethene
Concen: 4.859 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

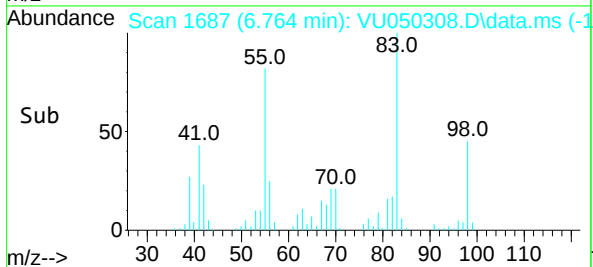
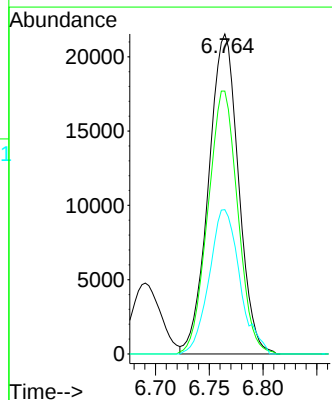
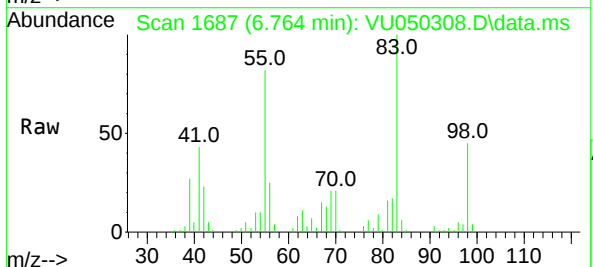
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

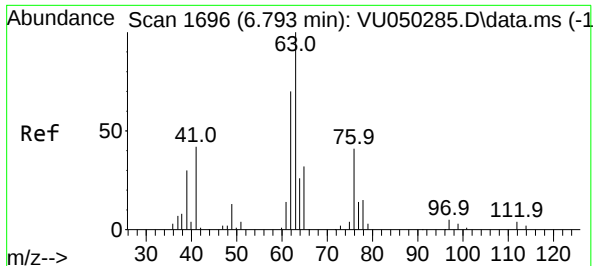
Tgt Ion: 95 Resp: 35725
Ion Ratio Lower Upper
95 100
97 63.2 45.6 84.8
132 91.1 65.0 120.6
130 97.4 69.3 128.7



#35
Methylcyclohexane
Concen: 4.392 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 83 Resp: 41683
Ion Ratio Lower Upper
83 100
55 81.8 62.7 94.1
98 46.2 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.281 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

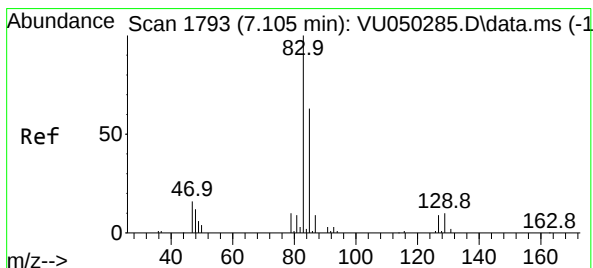
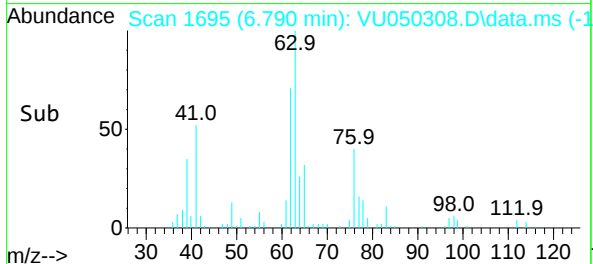
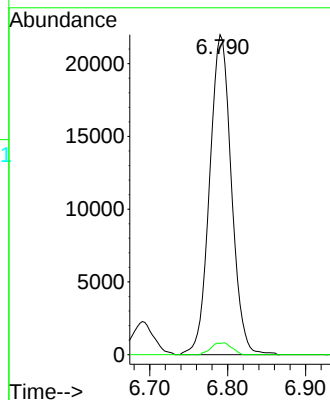
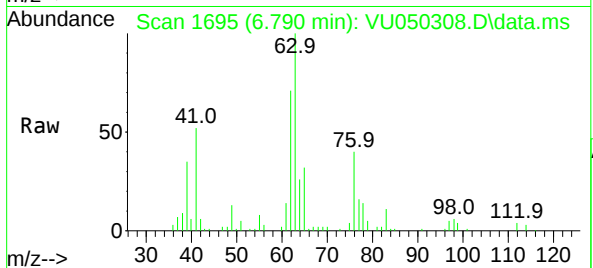
DBUT5MSD

Tgt Ion: 63 Resp: 42763

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 5.338 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

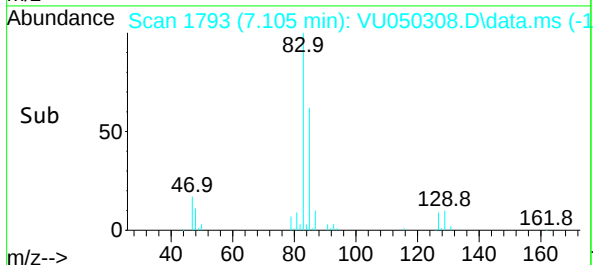
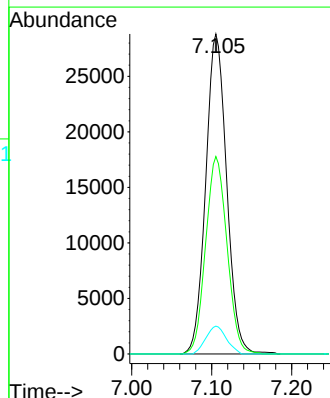
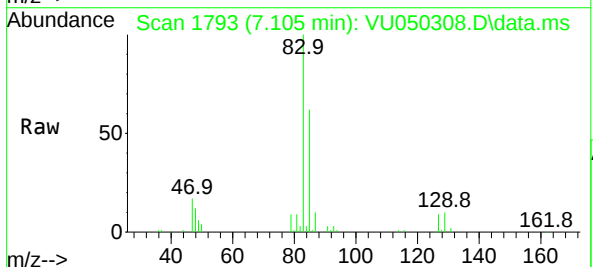
Tgt Ion: 83 Resp: 52507

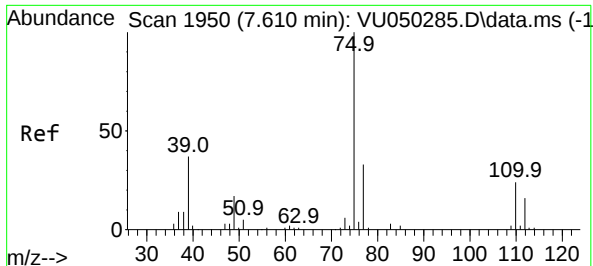
Ion Ratio Lower Upper

83 100

85 61.7 45.1 83.7

127 8.7 6.8 10.2

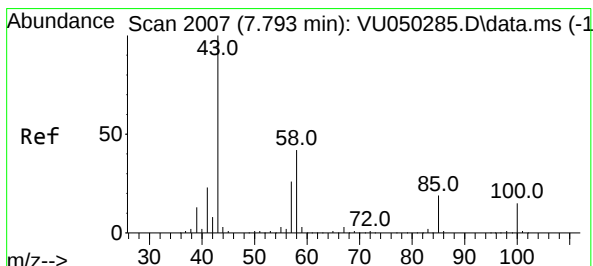
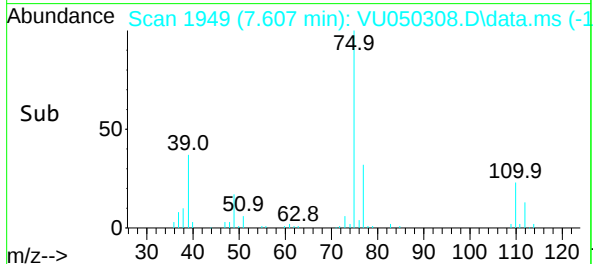
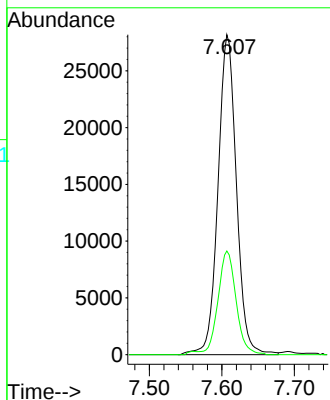
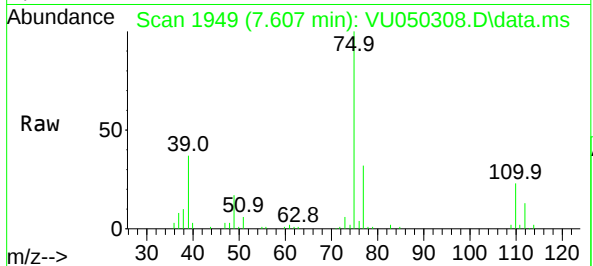




#39
 cis-1,3-Dichloropropene
 Concen: 4.709 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

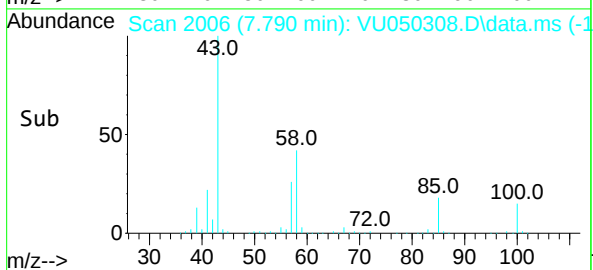
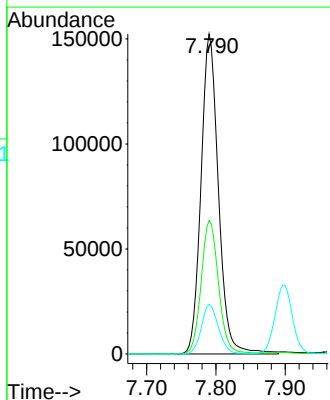
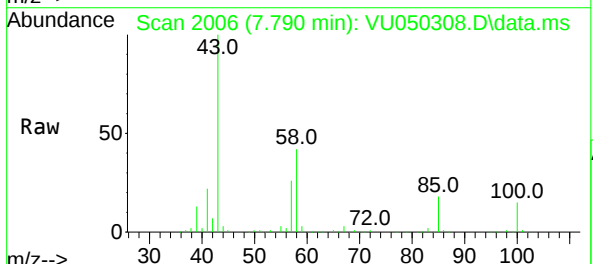
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MSD

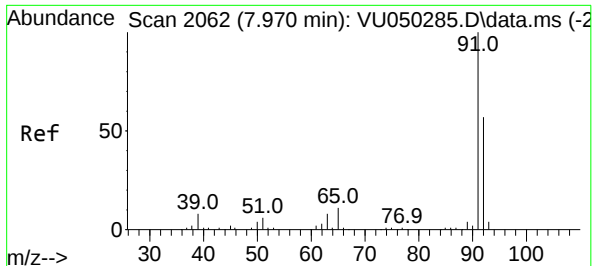
Tgt Ion: 75 Resp: 49762
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 56.708 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

Tgt Ion: 43 Resp: 265970
 Ion Ratio Lower Upper
 43 100
 58 41.6 34.6 51.8
 100 15.3 13.0 19.4





#42

Toluene

Concen: 5.300 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

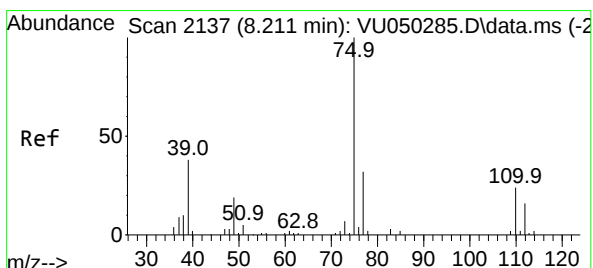
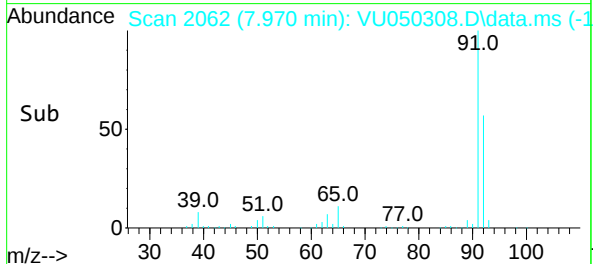
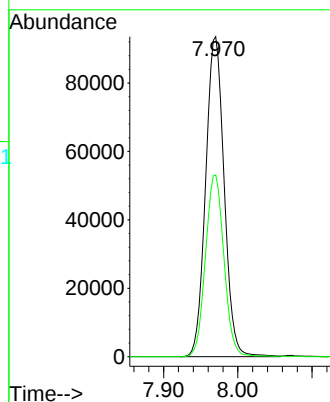
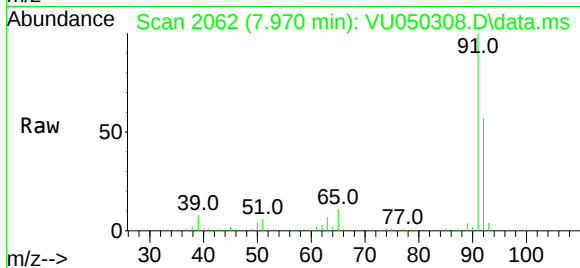
DBUT5MSD

Tgt Ion: 91 Resp: 161587

Ion Ratio Lower Upper

91 100

92 56.8 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.818 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050308.D

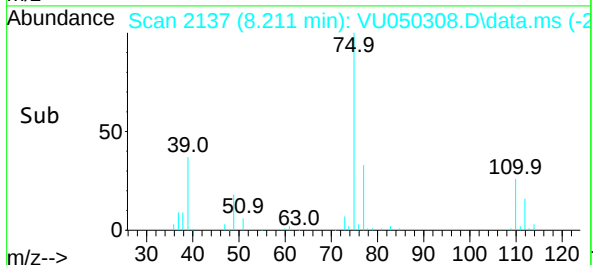
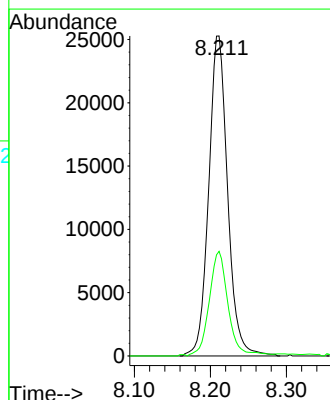
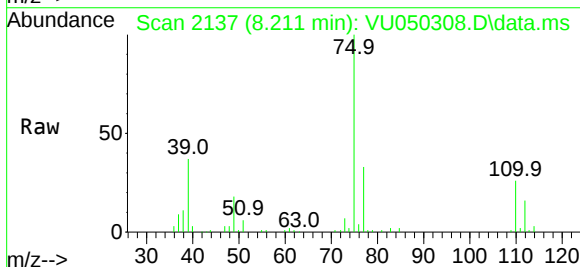
Acq: 13 Aug 2022 02:37

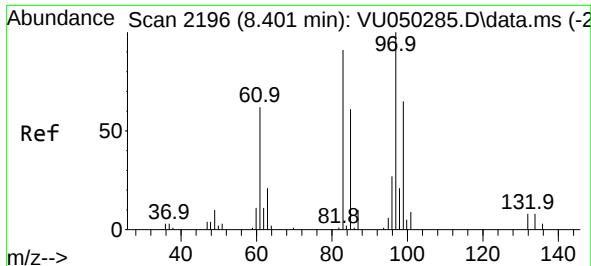
Tgt Ion: 75 Resp: 43666

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8

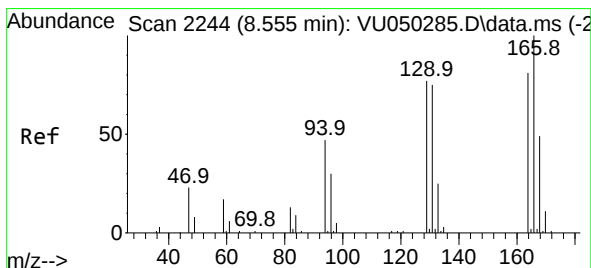
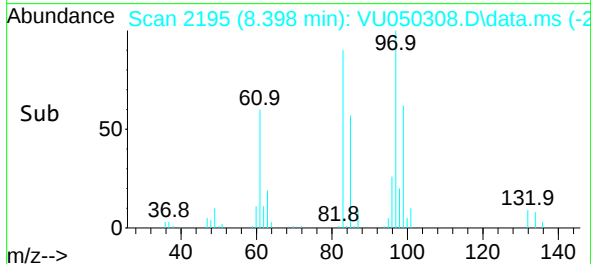
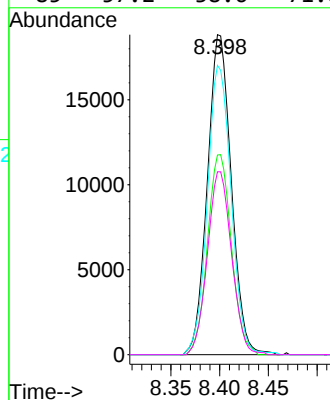
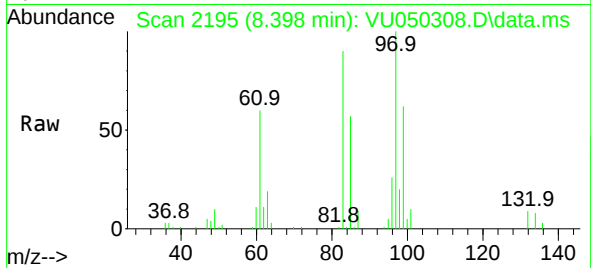




#45
1,1,2-Trichloroethane
Concen: 5.319 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

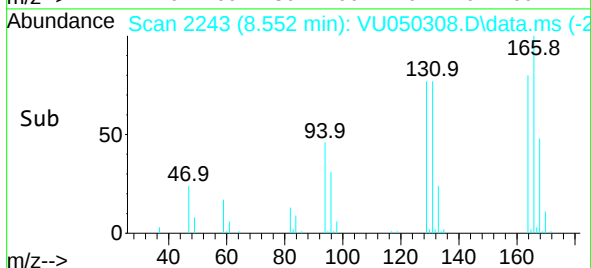
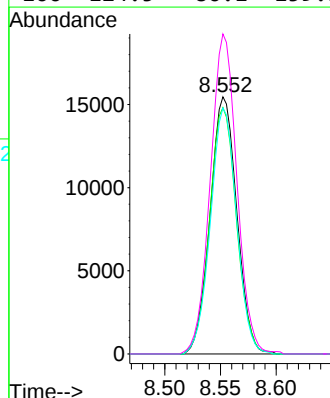
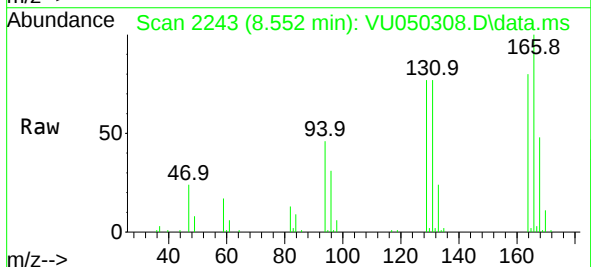
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

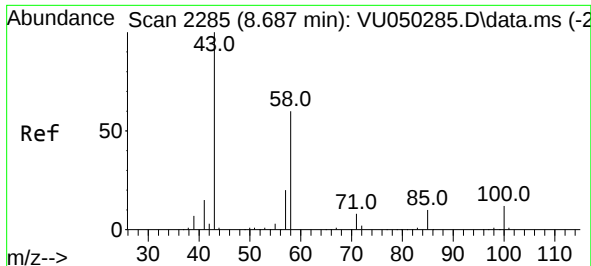
Tgt Ion:	97	Resp:	32195
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.2	78.4
83	90.4	59.6	110.6
85	57.2	38.6	71.8



#47
Tetrachloroethene
Concen: 4.910 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:	164	Resp:	25867
Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.0	128.1
131	95.6	65.8	122.2
166	124.5	86.1	159.9



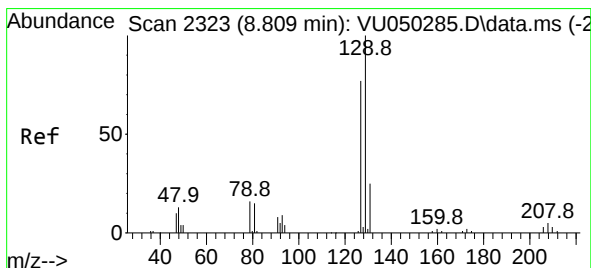
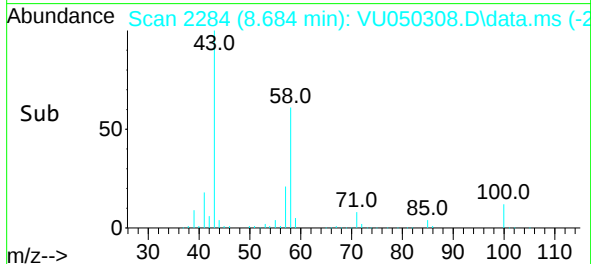
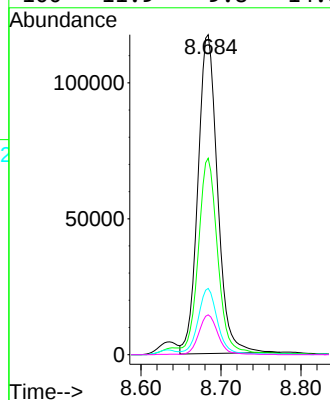
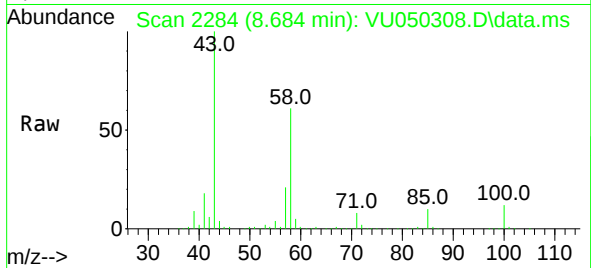


#48
2-Hexanone
Concen: 55.243 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

Tgt Ion: 43 Resp: 200394

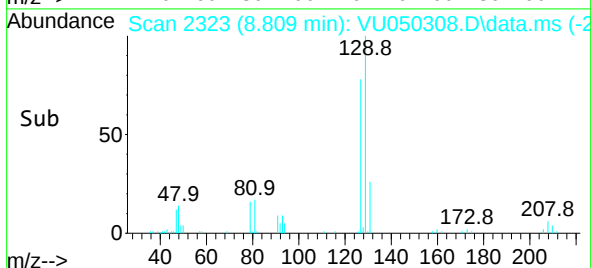
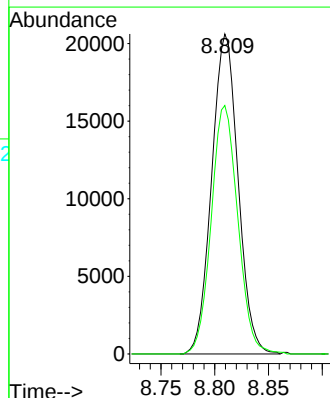
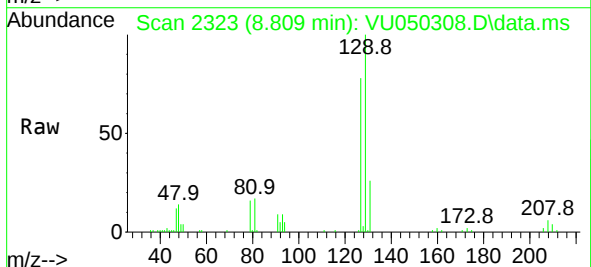
Ion	Ratio	Lower	Upper
43	100		
58	61.7	50.6	76.0
57	20.5	16.0	24.0
100	11.9	9.8	14.8

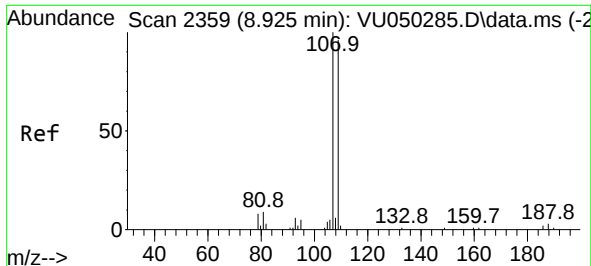


#49
Dibromochloromethane
Concen: 5.264 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 129 Resp: 35264

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.3	102.7





#50

1,2-Dibromoethane

Concen: 5.479 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MSD

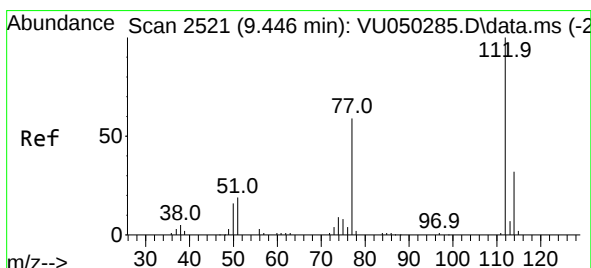
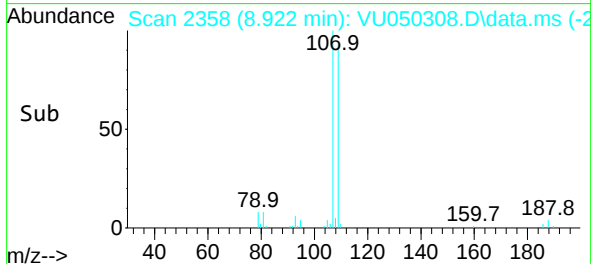
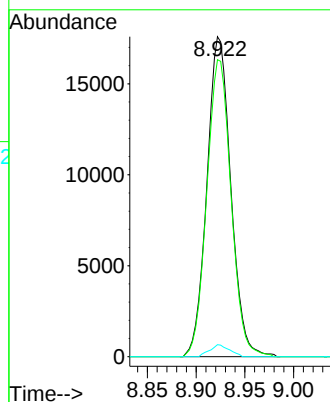
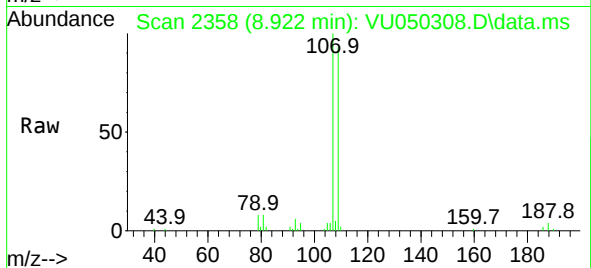
Tgt Ion:107 Resp: 30073

Ion Ratio Lower Upper

107 100

109 92.8 66.6 123.6

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 5.078 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

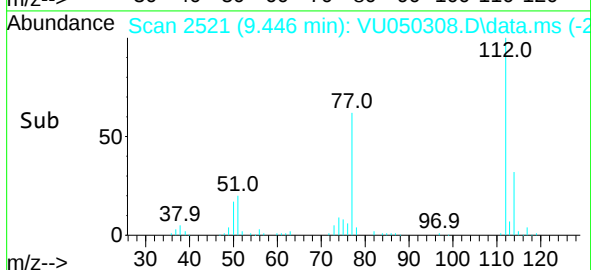
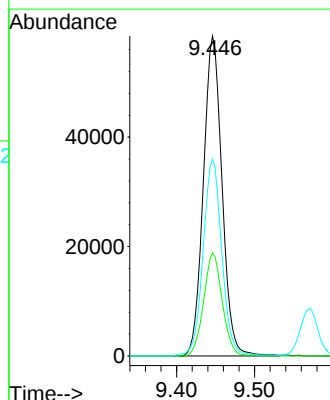
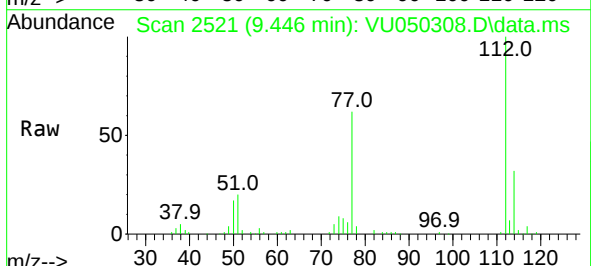
Tgt Ion:112 Resp: 97405

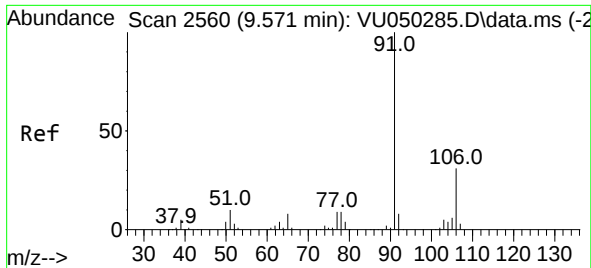
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 61.5 46.3 69.5

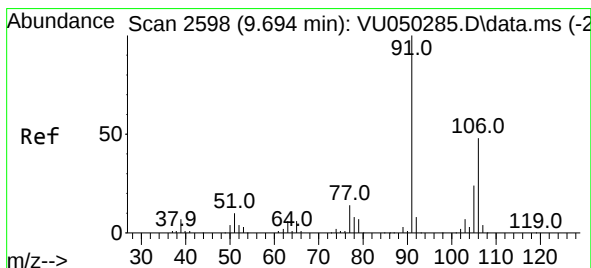
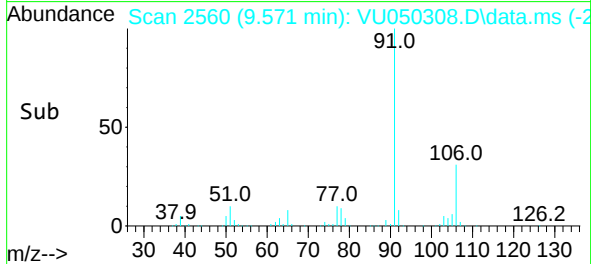
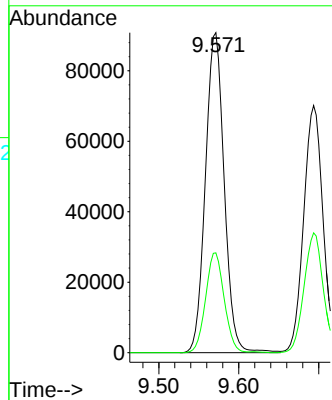
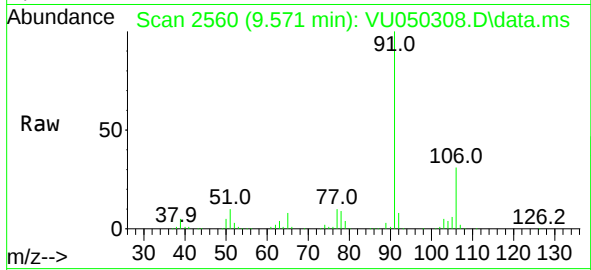




#52
Ethylbenzene
Concen: 4.996 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

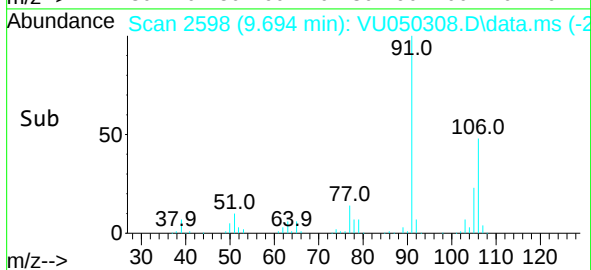
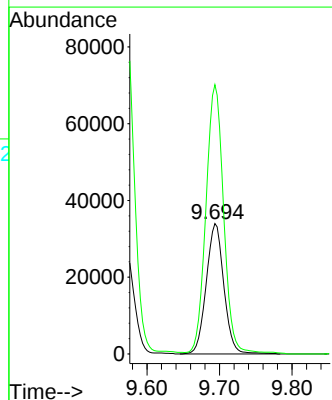
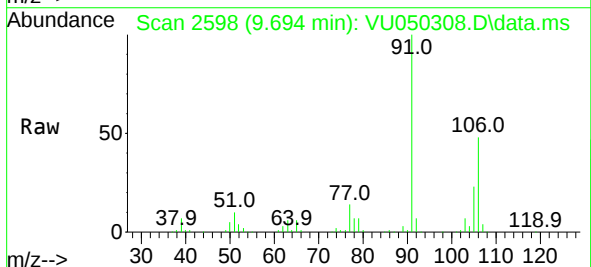
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

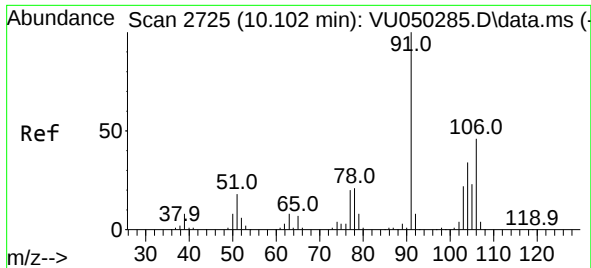
Tgt Ion: 91 Resp: 148634
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 5.235 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 106 Resp: 57352
Ion Ratio Lower Upper
106 100
91 206.4 143.1 265.9

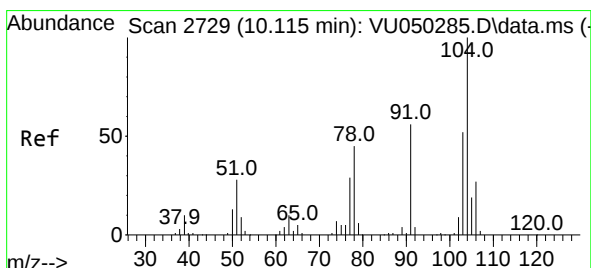
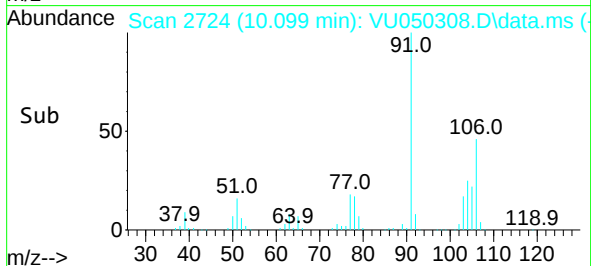
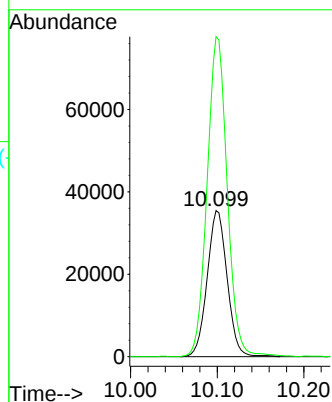
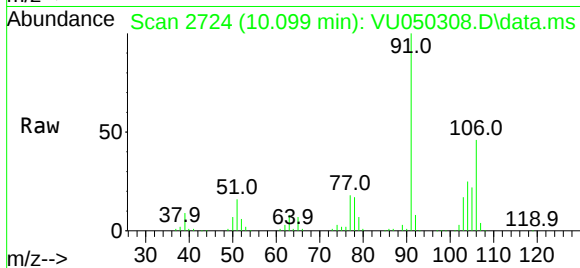




#54
o-Xylene
Concen: 5.189 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

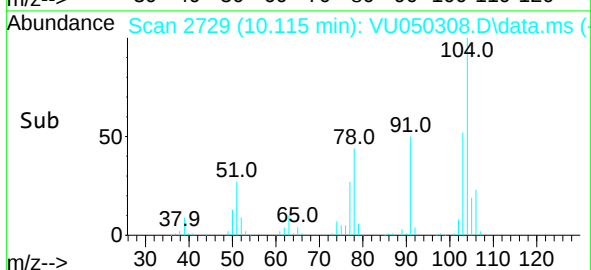
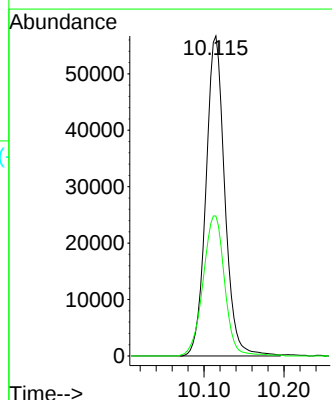
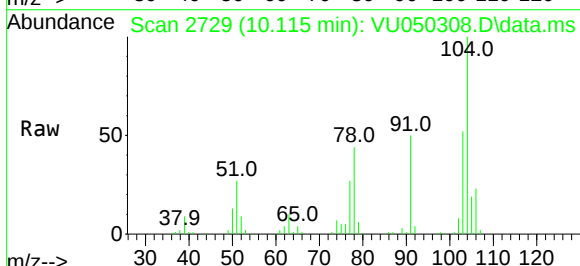
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

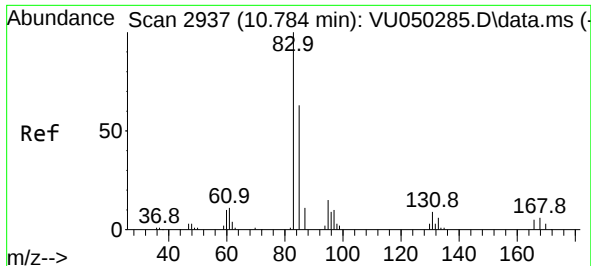
Tgt Ion:106 Resp: 56750
Ion Ratio Lower Upper
106 100
91 219.0 149.4 277.4



#55
Styrene
Concen: 5.093 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:104 Resp: 93059
Ion Ratio Lower Upper
104 100
78 43.8 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.565 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MSD

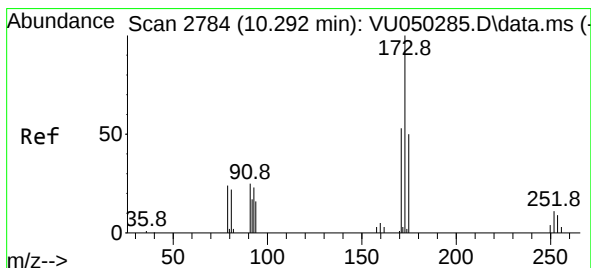
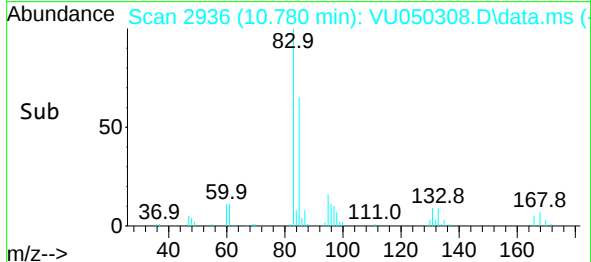
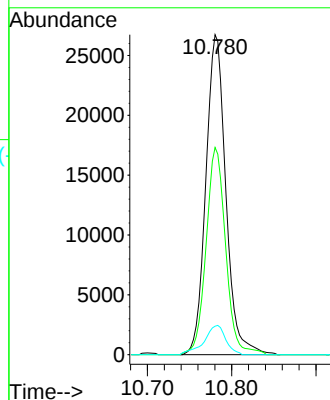
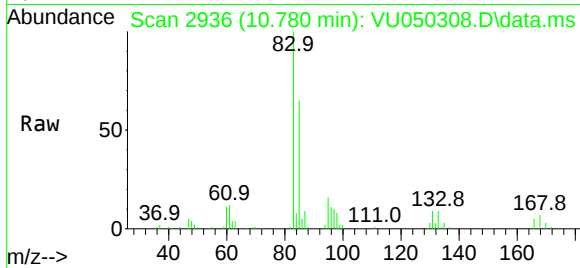
Tgt Ion: 83 Resp: 44261

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

131 8.9 6.6 9.8



#59

Bromoform

Concen: 4.964 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

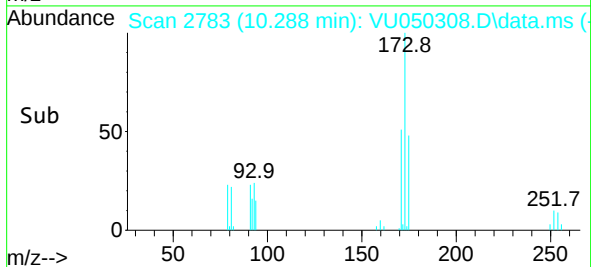
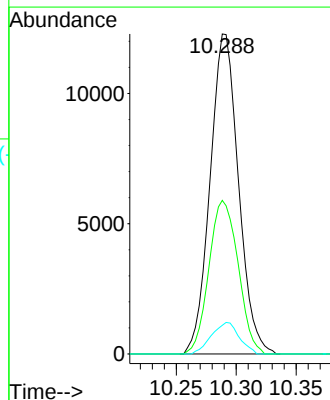
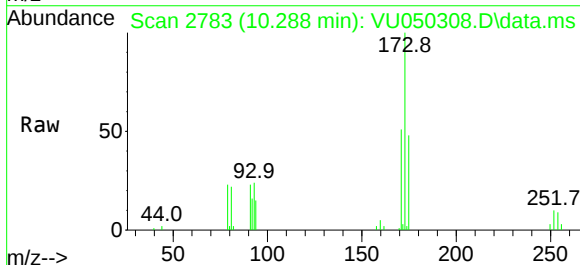
Tgt Ion:173 Resp: 20230

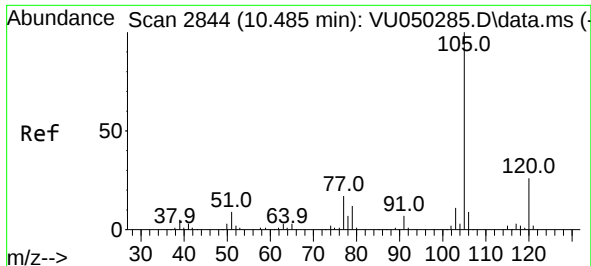
Ion Ratio Lower Upper

173 100

175 49.2 37.0 55.6

254 9.6 7.4 11.0

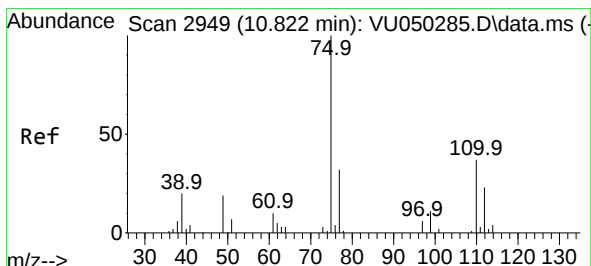
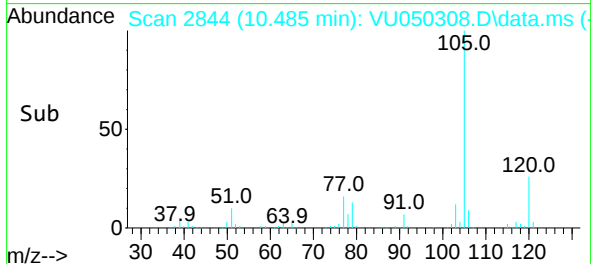
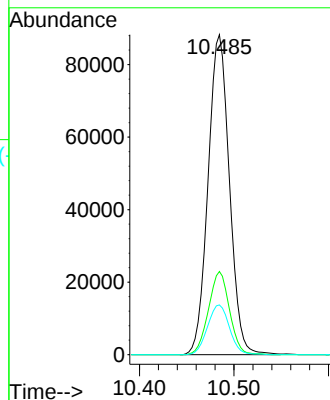
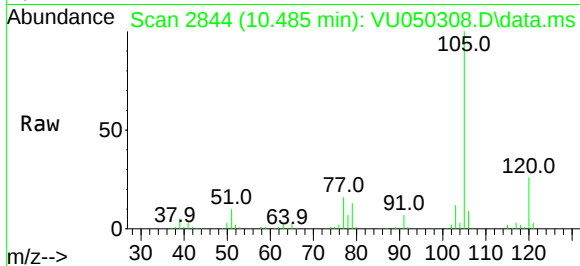




#60
Isopropylbenzene
Concen: 5.097 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

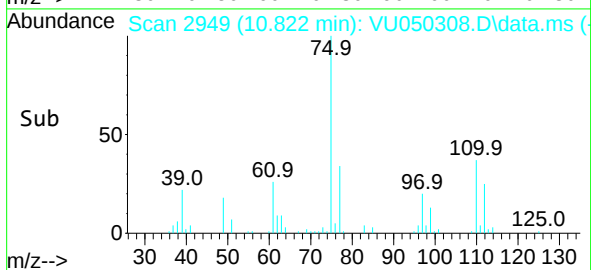
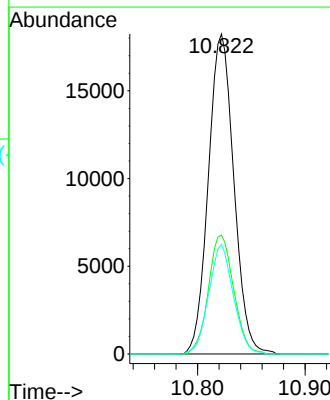
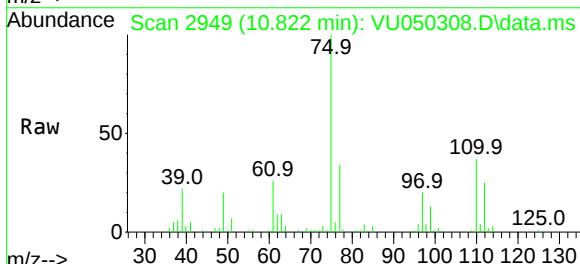
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

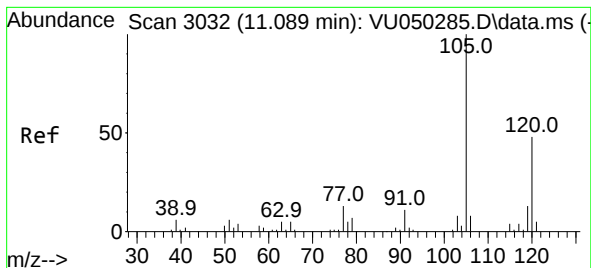
Tgt Ion:105 Resp: 138336
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.428 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 75 Resp: 30047
Ion Ratio Lower Upper
75 100
110 36.8 28.5 42.7
77 33.1 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.886 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

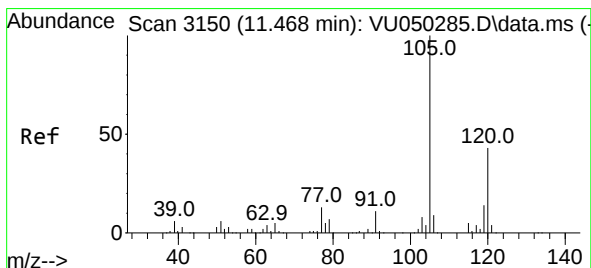
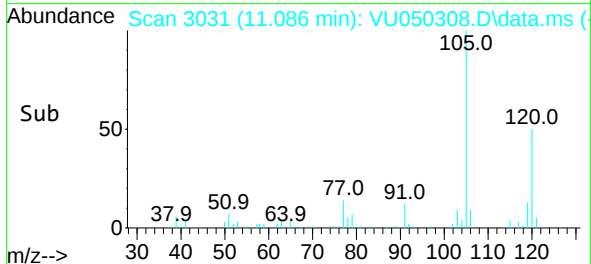
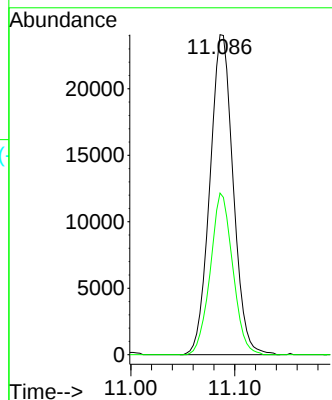
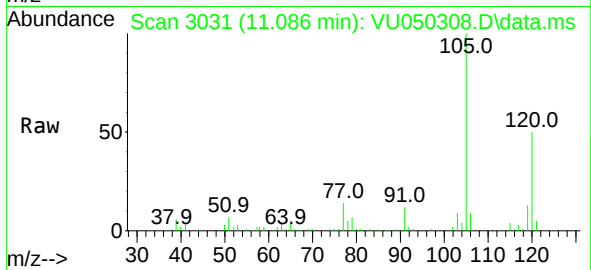
DBUT5MSD

Tgt Ion:105 Resp: 37460

Ion Ratio Lower Upper

105 100

120 48.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.076 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050308.D

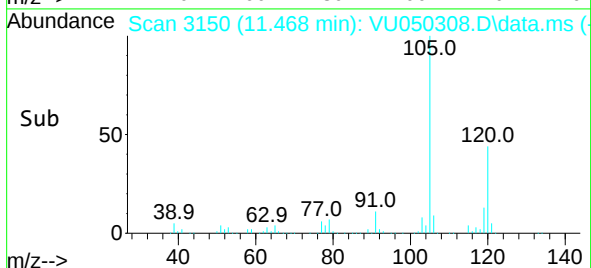
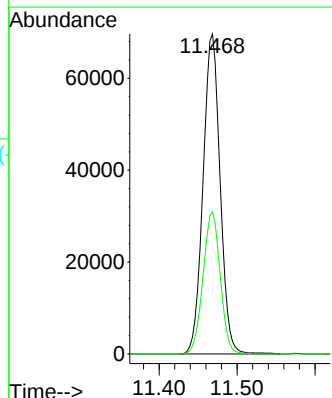
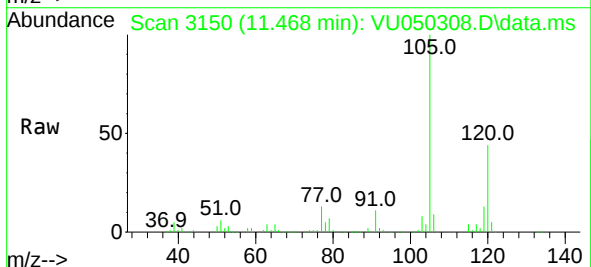
Acq: 13 Aug 2022 02:37

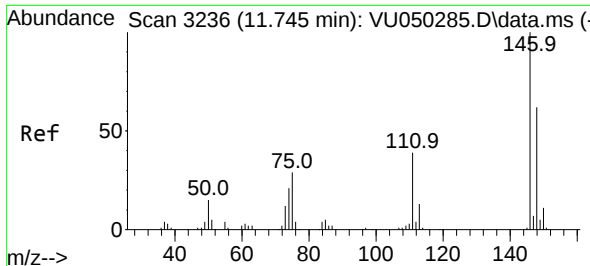
Tgt Ion:105 Resp: 106044

Ion Ratio Lower Upper

105 100

120 44.8 35.9 53.9

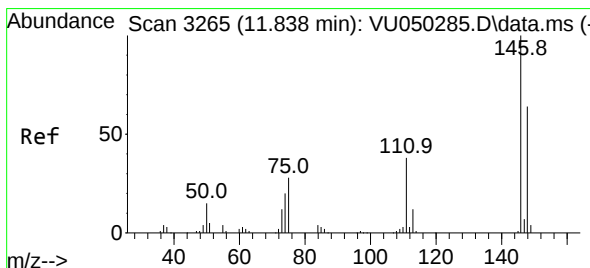
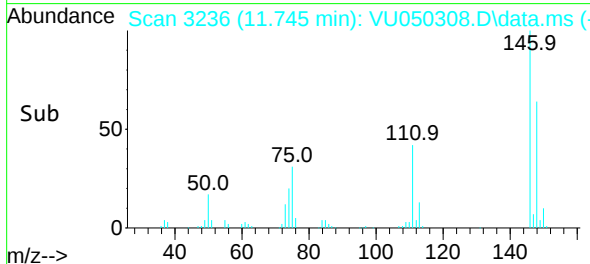
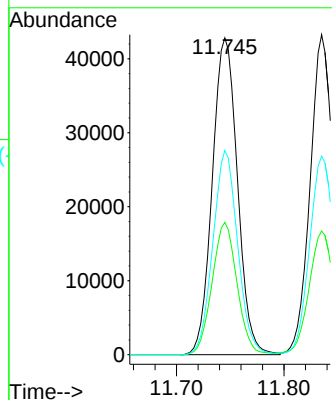
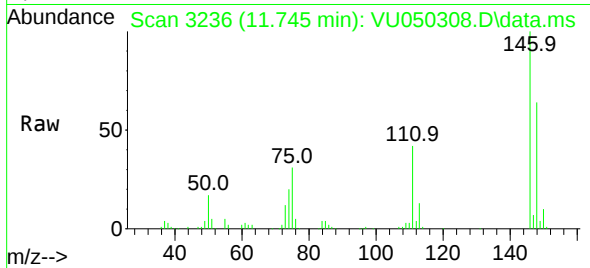




#64
1,3-Dichlorobenzene
Concen: 5.089 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

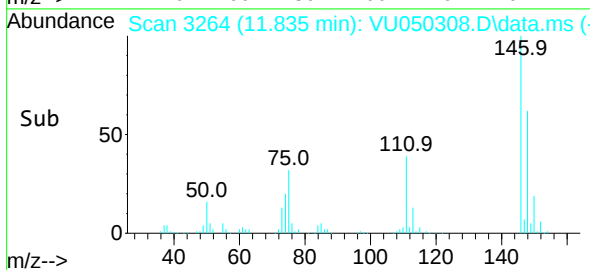
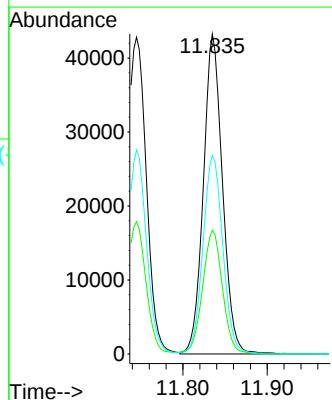
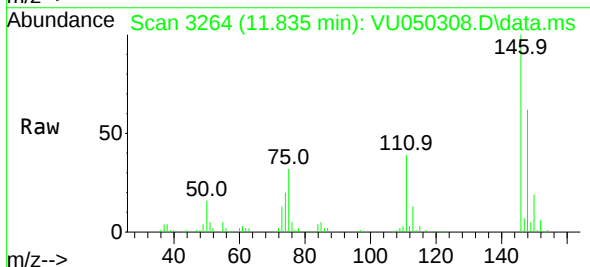
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

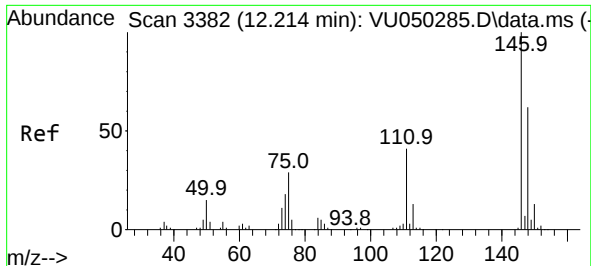
Tgt Ion:146 Resp: 69606
Ion Ratio Lower Upper
146 100
111 41.8 29.9 55.5
148 64.5 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.142 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:146 Resp: 68441
Ion Ratio Lower Upper
146 100
111 38.6 28.1 52.1
148 62.0 44.6 82.8

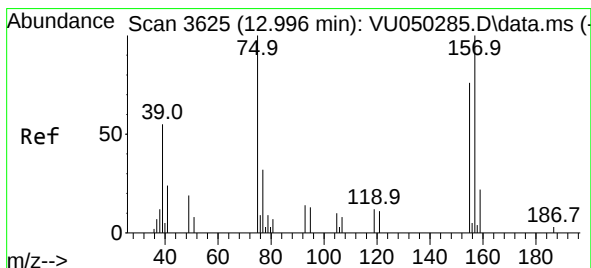
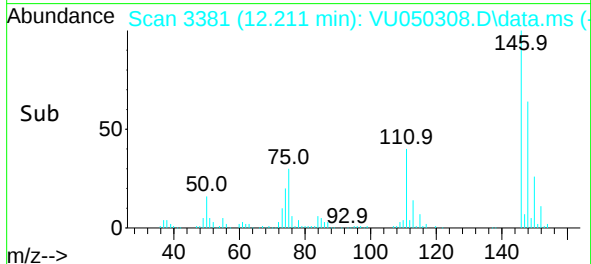
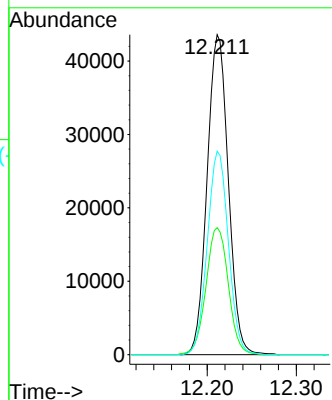
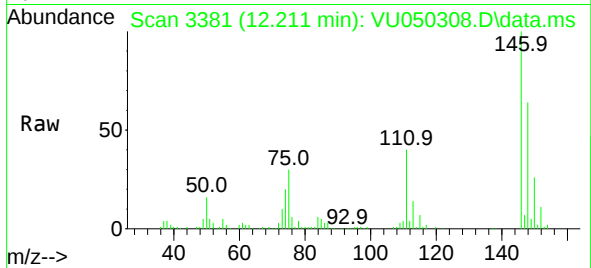




#67
1,2-Dichlorobenzene
Concen: 5.431 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

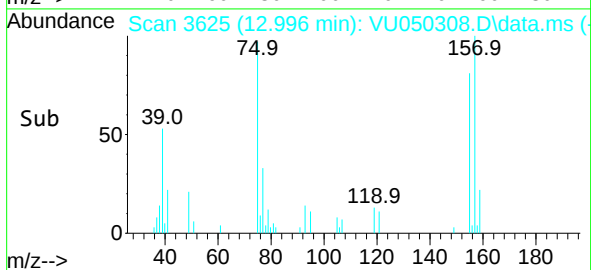
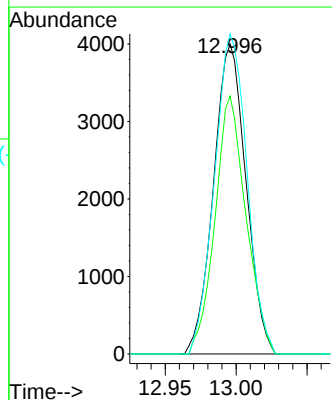
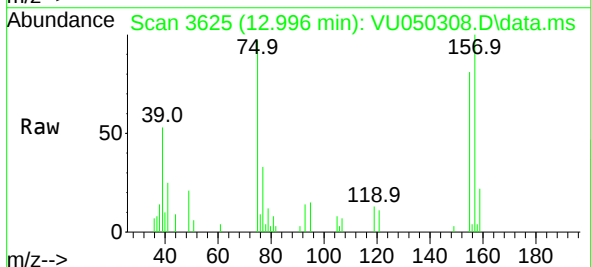
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

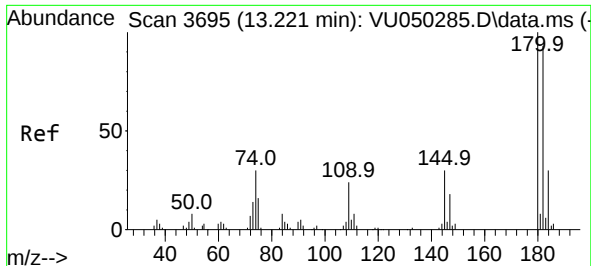
Tgt Ion:146 Resp: 71942
Ion Ratio Lower Upper
146 100
111 39.7 32.9 49.3
148 63.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.879 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 75 Resp: 6381
Ion Ratio Lower Upper
75 100
155 83.3 63.5 95.3
157 103.4 85.0 127.6

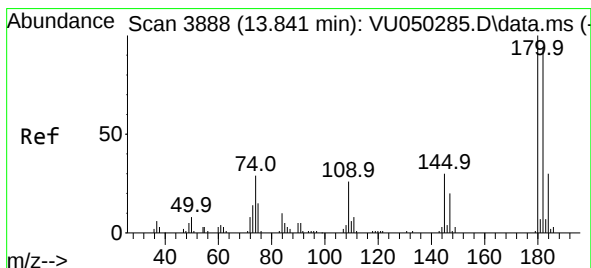
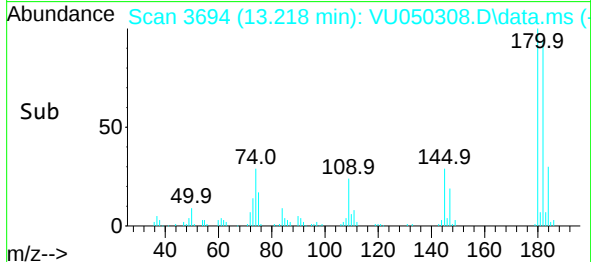
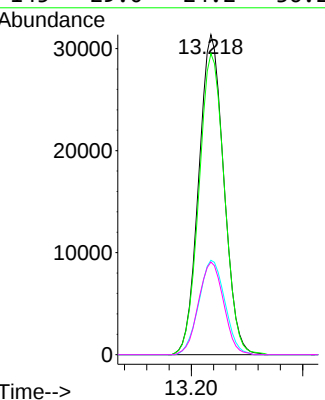
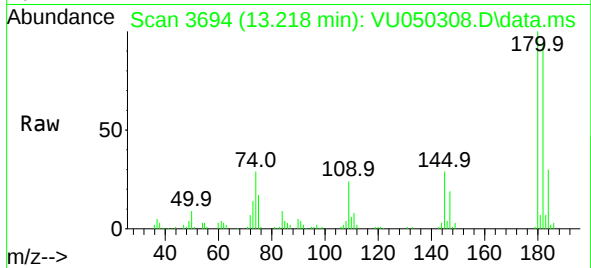




#69
 1,3,5-Trichlorobenzene
 Concen: 5.022 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

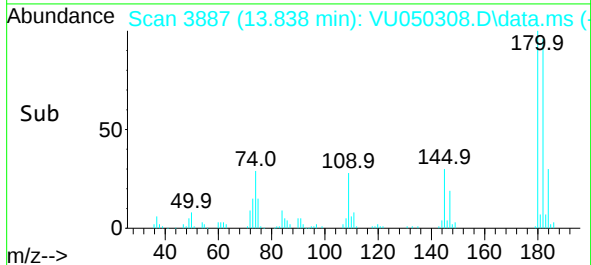
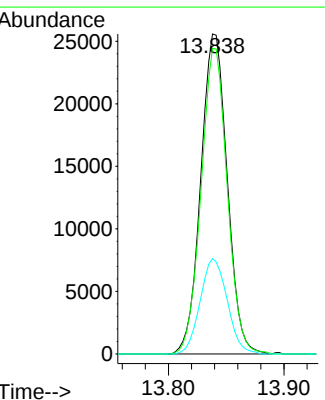
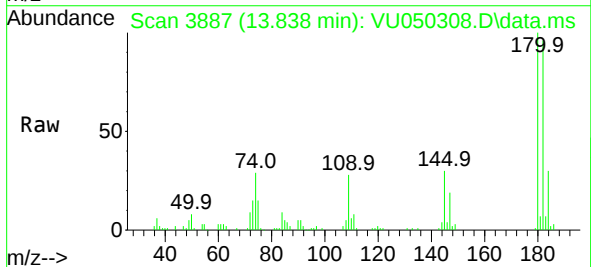
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MSD

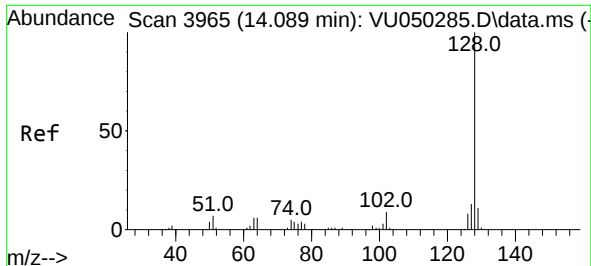
Tgt Ion:180	Resp:	48935
Ion Ratio	Lower	Upper
180	100	
182	95.4	77.3 115.9
184	30.7	24.1 36.1
145	29.0	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.509 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

Tgt Ion:180	Resp:	40671
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.9 115.3
145	30.5	24.2 36.4

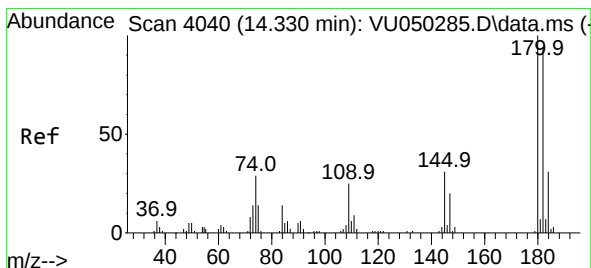
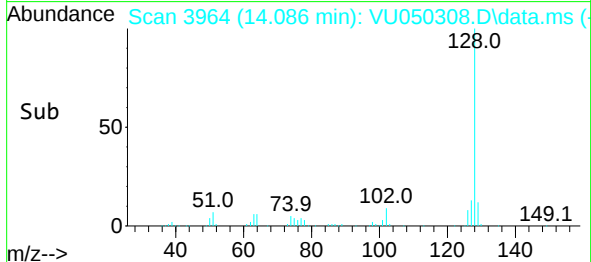
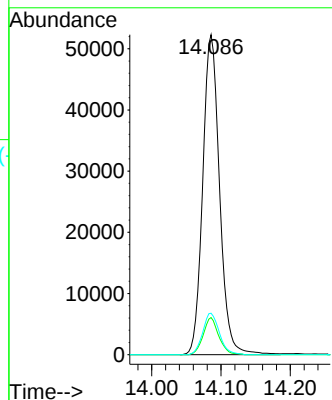
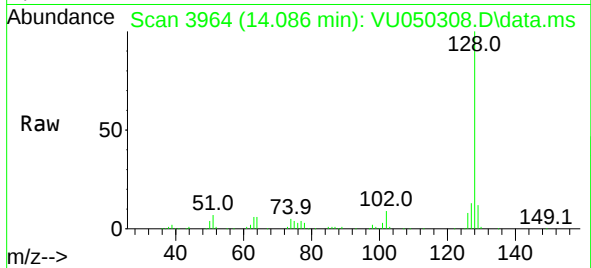




#71
Naphthalene
Concen: 5.839 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :
DBUT5MSD

Tgt Ion:128 Resp: 88396
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.658 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:180 Resp: 42347
Ion Ratio Lower Upper
180 100
182 95.1 77.5 116.3
145 31.9 25.8 38.6

