

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050307.D
 Acq On : 13 Aug 2022 02:13
 Operator : SY/MD
 Sample : N4072-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

Quant Time: Aug 13 02:38:43 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	6.250	114	73668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26330	4.295	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.909	69	26685	5.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.565	65	9676	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.623	46	106026	70.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.840%#
24) Chloroform-d	5.063	84	64930	5.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.700	65	34224	5.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.726	84	113270	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	40922	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.896	98	93564	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.179	79	13121	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.632	63	67907	69.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.620%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39908	5.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	35462	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	37412	5.539	ug/L	99
3) Chloromethane	1.520	50	51959	5.881	ug/L	98
5) Vinyl chloride	1.604	62	47999	6.065	ug/L	98
6) Bromomethane	1.851	94	12522	2.479	ug/L	94
8) Chloroethane	1.932	64	31354	6.723	ug/L	95
9) Trichlorofluoromethane	2.138	101	53483	6.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28995	6.014	ug/L	98
12) 1,1-Dichloroethene	2.578	96	30379	5.966	ug/L	83
13) Acetone	2.629	43	68586	82.376	ug/L	93
14) Carbon disulfide	2.790	76	104164	5.727	ug/L	99
15) Methyl Acetate	2.951	43	12421	5.464	ug/L	93
16) Methylene chloride	3.044	84	42210	5.425	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	82625	6.217	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	34938	6.128	ug/L	96
19) 1,1-Dichloroethane	3.867	63	69484	6.435	ug/L	99
21) 2-Butanone	4.703	43	111449	74.439	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	40426	6.388	ug/L	99
23) Bromochloromethane	4.973	128	19237	6.360	ug/L	98
25) Chloroform	5.089	83	73803	6.412	ug/L	99

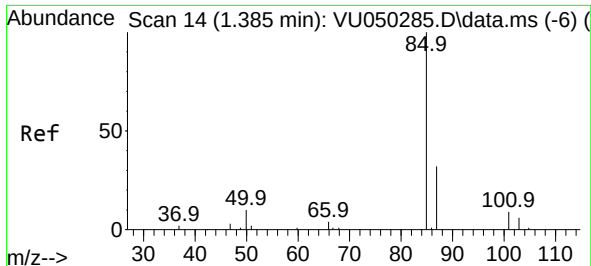
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050307.D
 Acq On : 13 Aug 2022 02:13
 Operator : SY/MD
 Sample : N4072-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

Quant Time: Aug 13 02:38:43 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)
27) 1,2-Dichloroethane	5.793	62	45874	6.548	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	56225	6.153	ug/L	99
30) Cyclohexane	5.388	56	42316	5.315	ug/L	100
31) Carbon tetrachloride	5.523	117	44643	5.960	ug/L	99
33) Benzene	5.774	78	159924	6.127	ug/L	100
34) Trichloroethene	6.543	95	36651	5.806	ug/L	97
35) Methylcyclohexane	6.764	83	42278	5.189	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43639	6.277	ug/L	100
38) Bromodichloromethane	7.105	83	52693	6.240	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	49263	5.430	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	262761	65.256	ug/L	98
42) Toluene	7.970	91	164127	6.270	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43191	5.551	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	32661	6.285	ug/L	95
47) Tetrachloroethene	8.552	164	26739	5.912	ug/L	96
48) 2-Hexanone	8.684	43	198540	63.750	ug/L	99
49) Dibromochloromethane	8.809	129	36562	6.357	ug/L	99
50) 1,2-Dibromoethane	8.922	107	30185	6.406	ug/L	98
51) Chlorobenzene	9.446	112	97877	5.943	ug/L	97
52) Ethylbenzene	9.571	91	147895	5.790	ug/L	100
53) m,p-Xylene	9.694	106	57250	6.086	ug/L	98
54) o-Xylene	10.099	106	56984	6.069	ug/L	97
55) Styrene	10.115	104	92957	5.926	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	44266	6.482	ug/L	98
59) Bromoform	10.292	173	20858	5.809	ug/L	99
60) Isopropylbenzene	10.484	105	139517	5.835	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30027	6.156	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	37611	5.567	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	106662	5.795	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68547	5.687	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	68856	5.871	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	70688	6.056	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6619	6.921	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	50071	5.832	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	39444	6.063	ug/L	99
71) Naphthalene	14.086	128	82075	6.153	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42116	6.386	ug/L	98

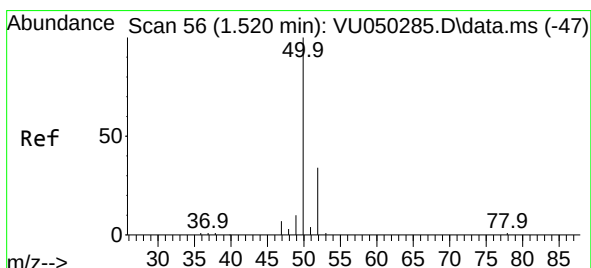
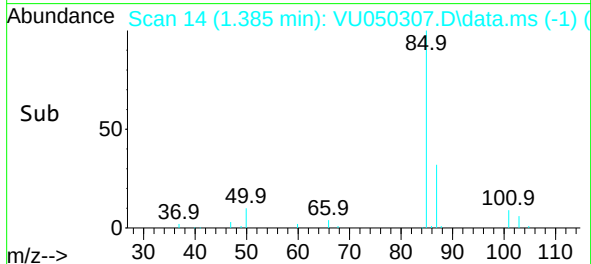
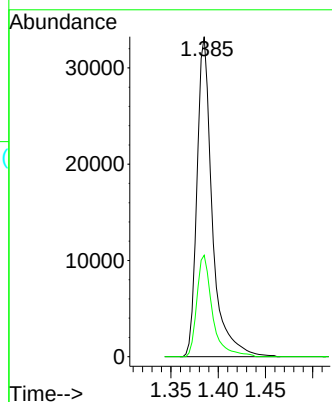
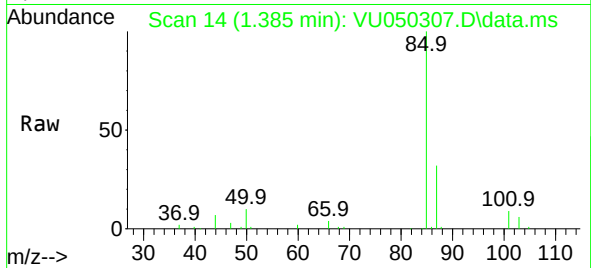
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.539 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

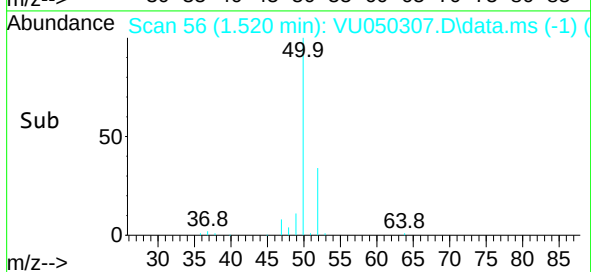
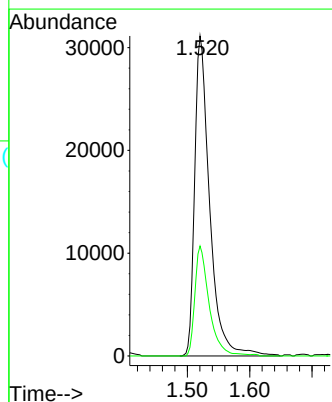
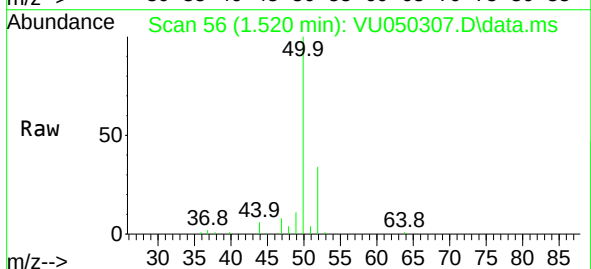
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

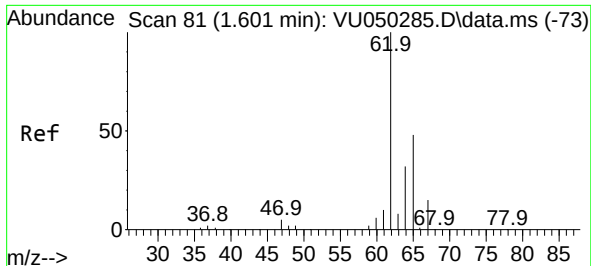
Tgt Ion: 85 Resp: 37412
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 5.881 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 50 Resp: 51959
Ion Ratio Lower Upper
50 100
52 34.4 23.2 43.2

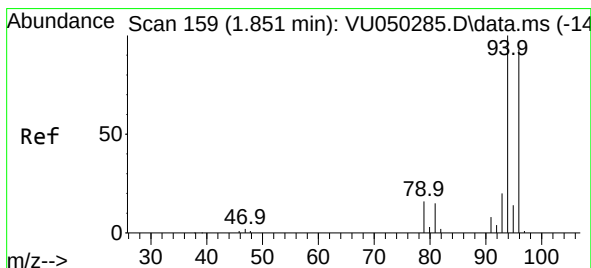
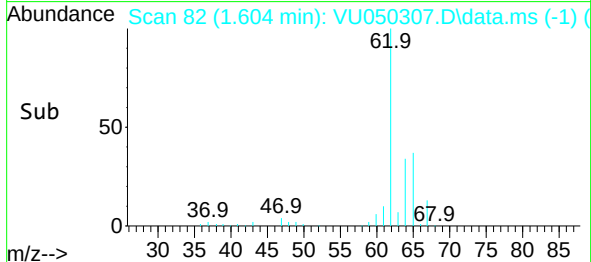
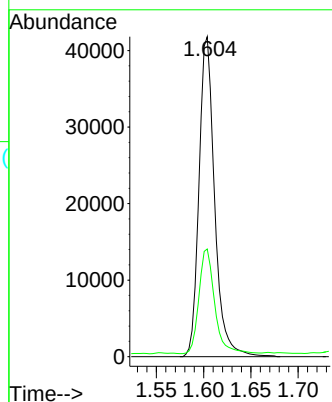
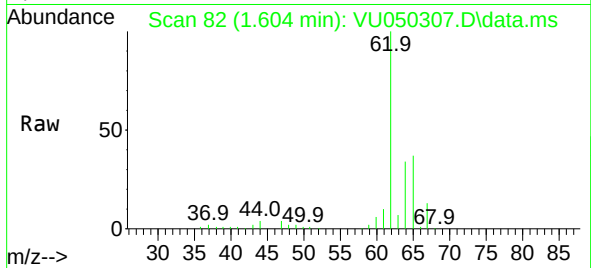




#5
 Vinyl chloride
 Concen: 6.065 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

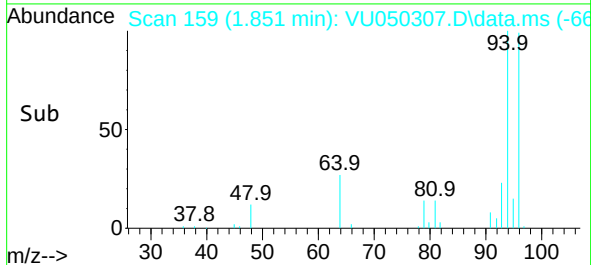
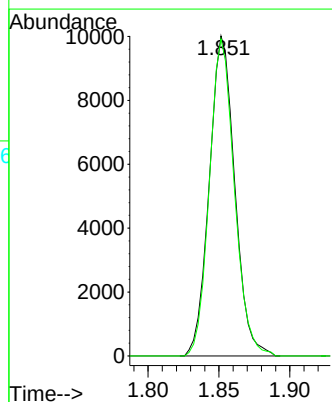
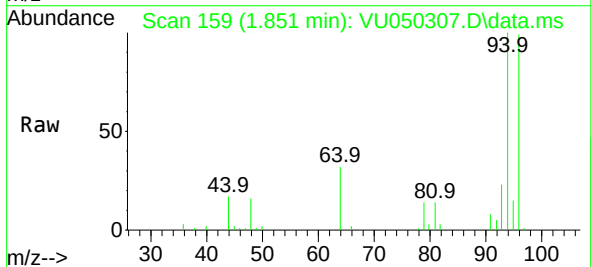
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

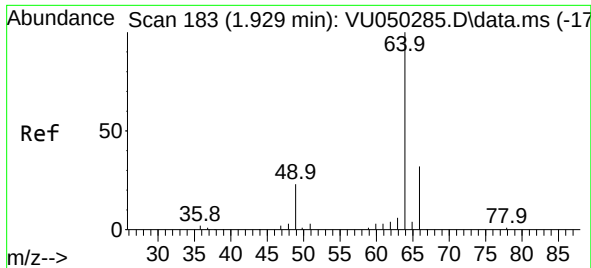
Tgt Ion: 62 Resp: 47999
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 2.479 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

Tgt Ion: 94 Resp: 12522
 Ion Ratio Lower Upper
 94 100
 96 99.0 65.3 121.3

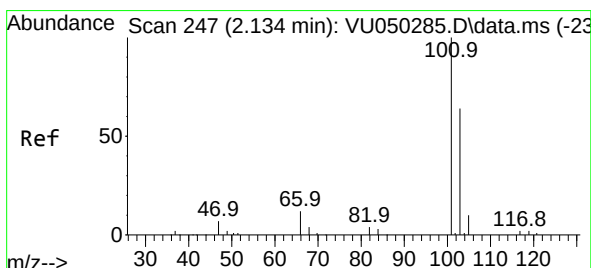
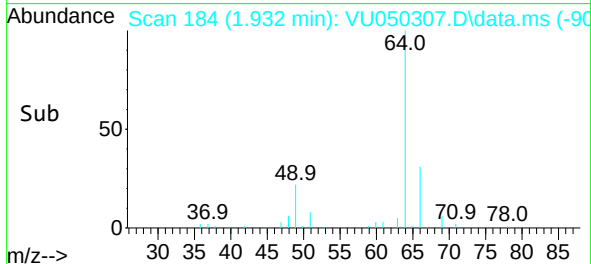
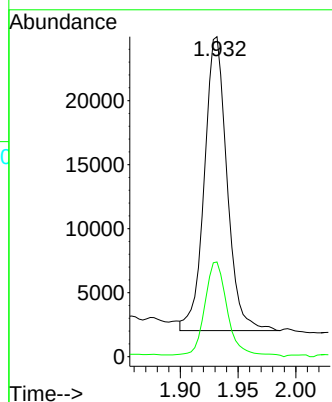
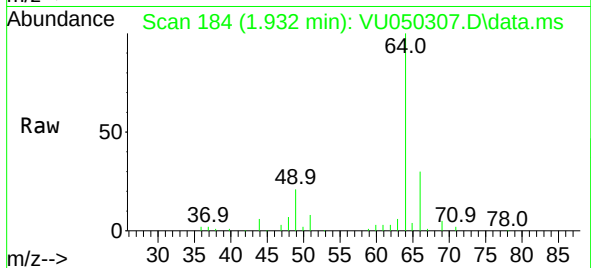




#8
Chloroethane
Concen: 6.723 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

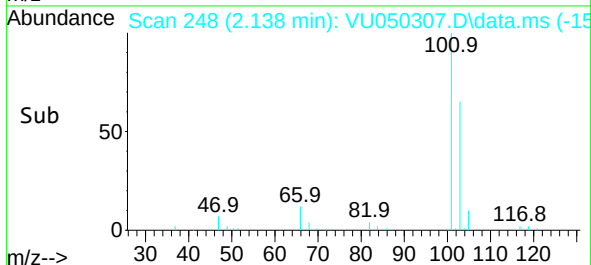
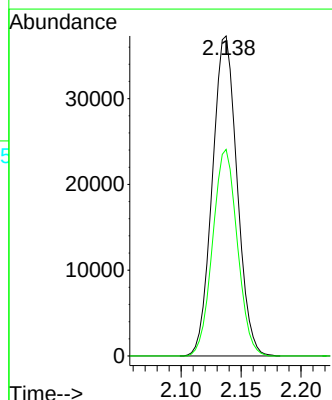
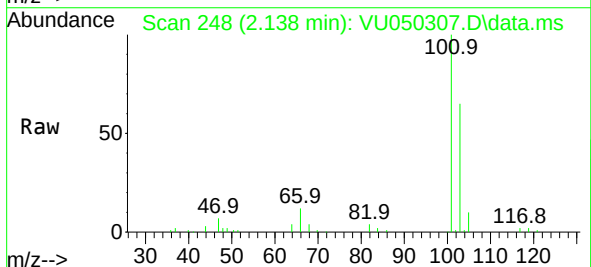
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

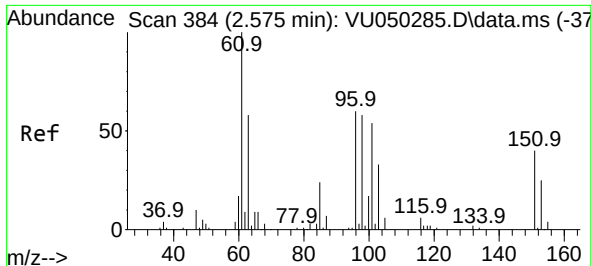
Tgt Ion: 64 Resp: 31354
Ion Ratio Lower Upper
64 100
66 29.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 6.171 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 101 Resp: 53483
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8





#10

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

Concen: 6.014 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

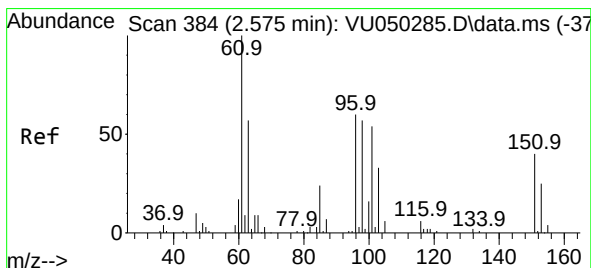
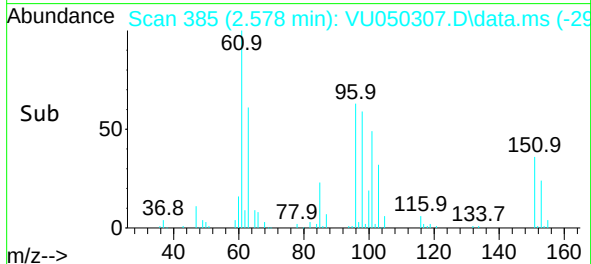
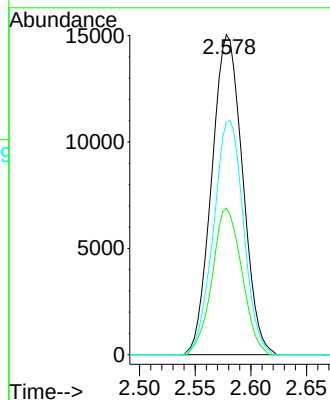
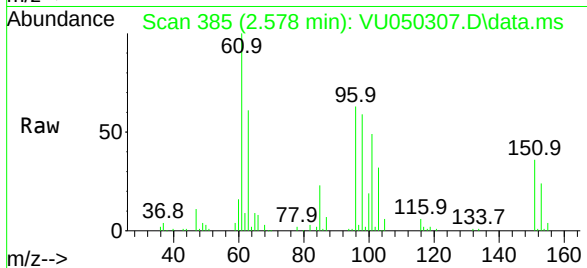
Tgt Ion:101 Resp: 28995

Ion Ratio Lower Upper

101 100

85 44.1 35.6 53.4

151 71.5 55.2 82.8



#12

1,1-Dichloroethene

Concen: 5.966 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

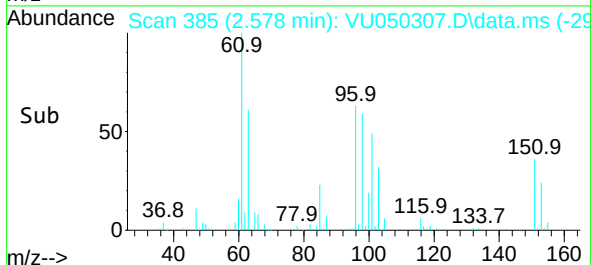
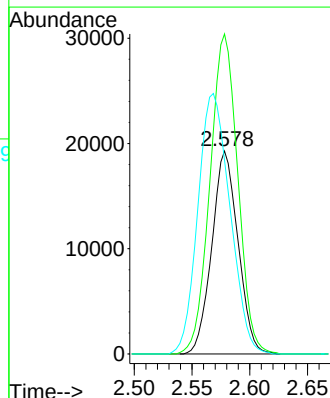
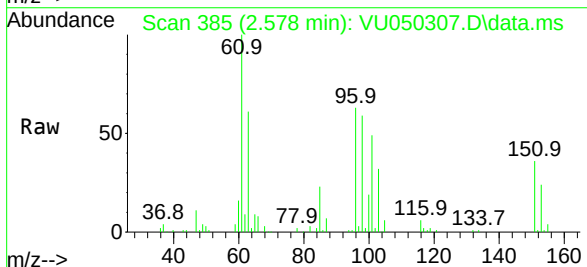
Tgt Ion: 96 Resp: 30379

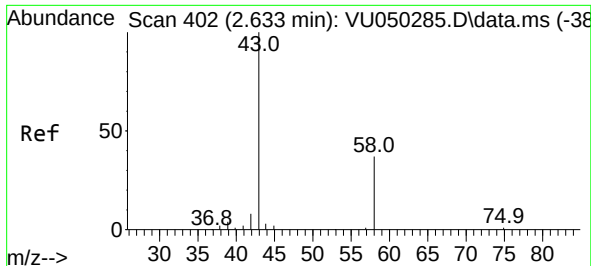
Ion Ratio Lower Upper

96 100

61 157.8 122.7 227.9

63 95.6 85.1 158.1

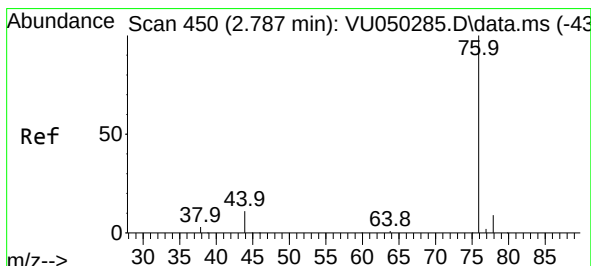
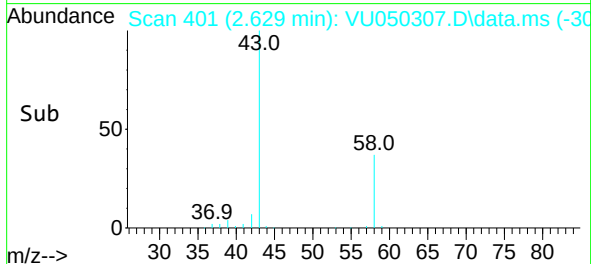
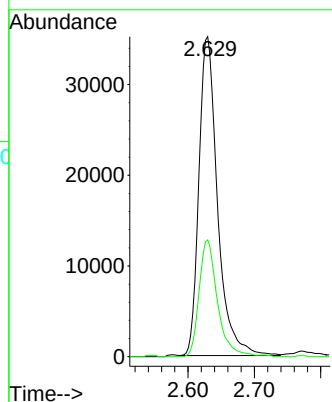
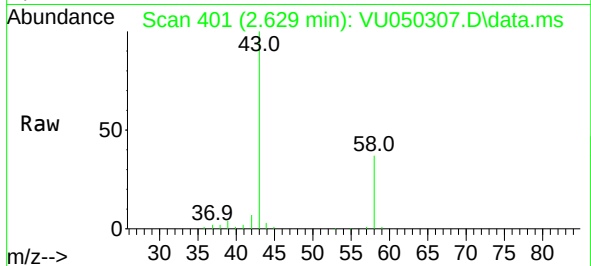




#13
Acetone
Concen: 82.376 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

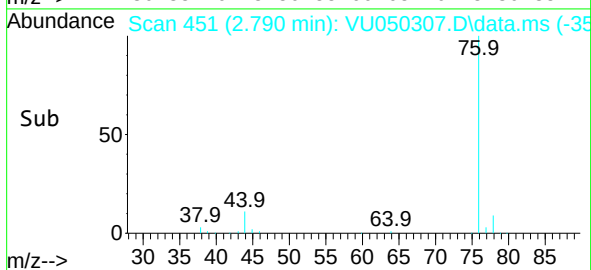
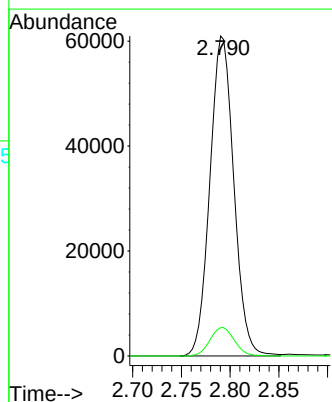
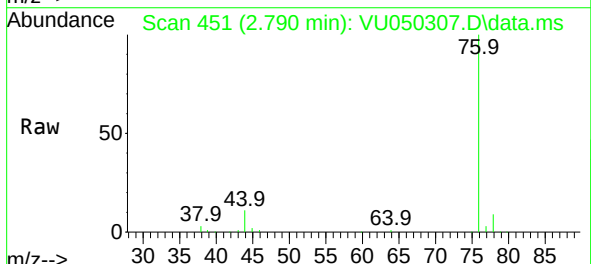
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

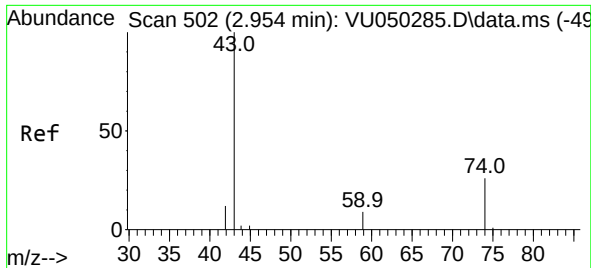
Tgt Ion: 43 Resp: 68586
Ion Ratio Lower Upper
43 100
58 36.1 0.0 64.0



#14
Carbon disulfide
Concen: 5.727 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 76 Resp: 104164
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

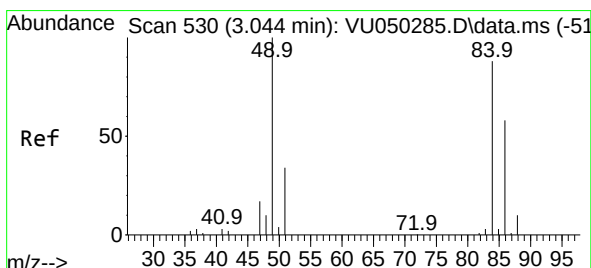
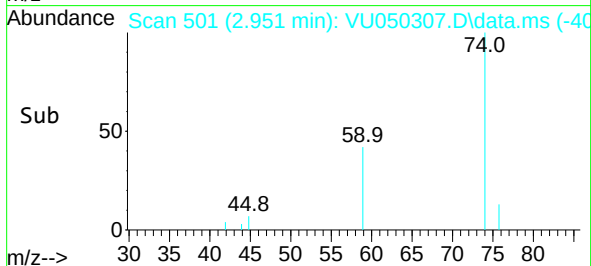
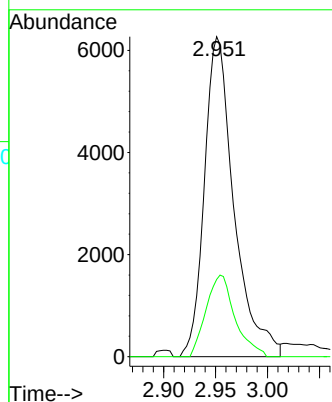
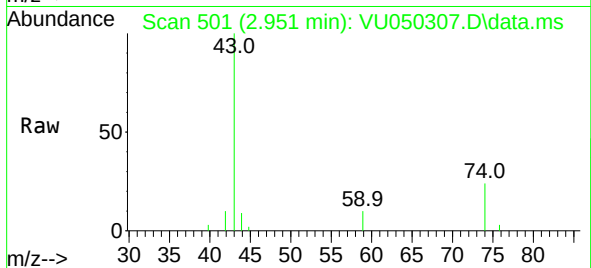




#15
Methyl Acetate
Concen: 5.464 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

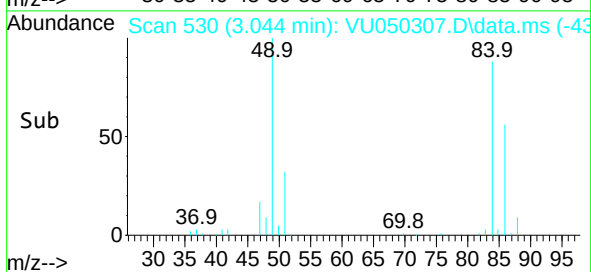
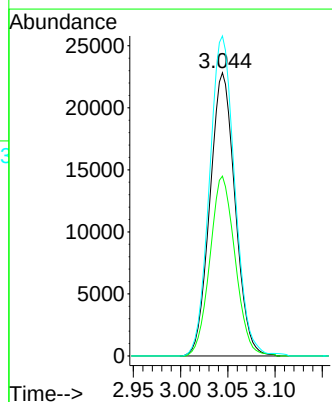
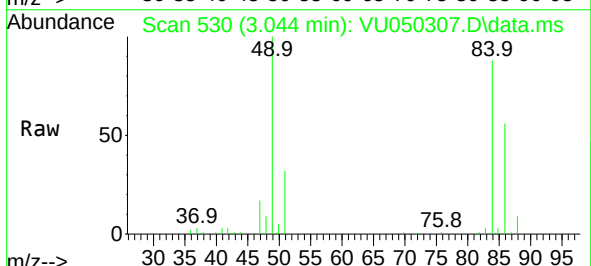
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

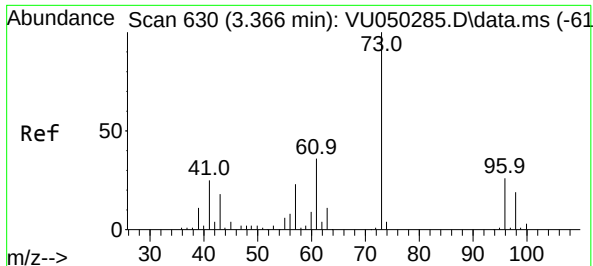
Tgt Ion: 43 Resp: 12421
Ion Ratio Lower Upper
43 100
74 24.9 22.7 34.1



#16
Methylene chloride
Concen: 5.425 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 84 Resp: 42210
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 113.0 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 6.217 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

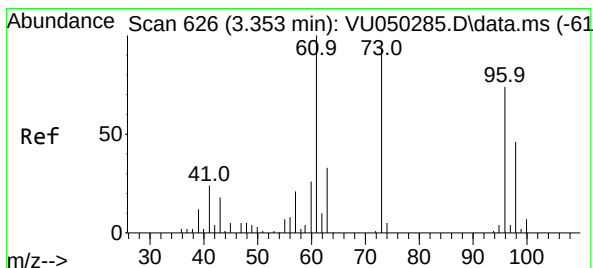
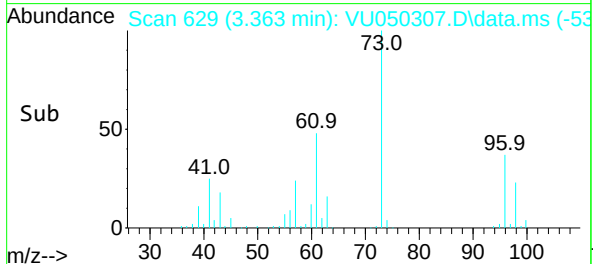
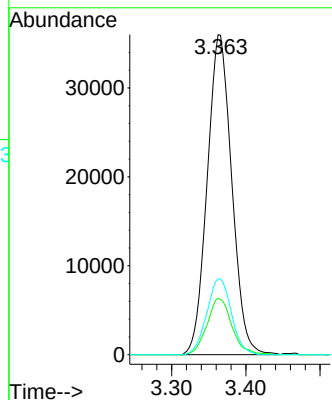
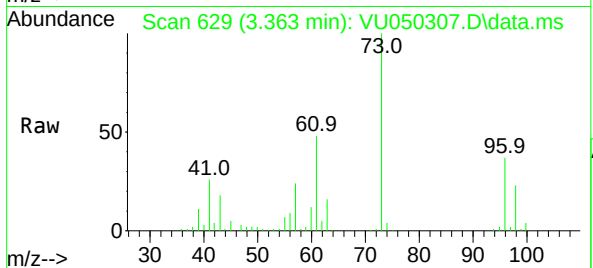
Tgt Ion: 73 Resp: 82625

Ion Ratio Lower Upper

73 100

43 17.8 13.5 20.3

57 23.8 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 6.128 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

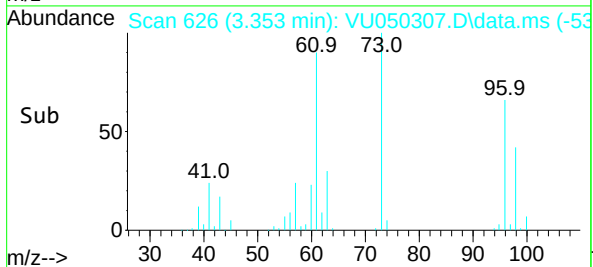
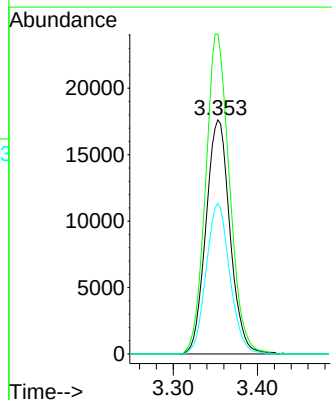
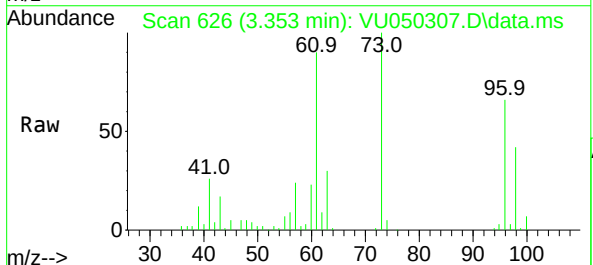
Tgt Ion: 96 Resp: 34938

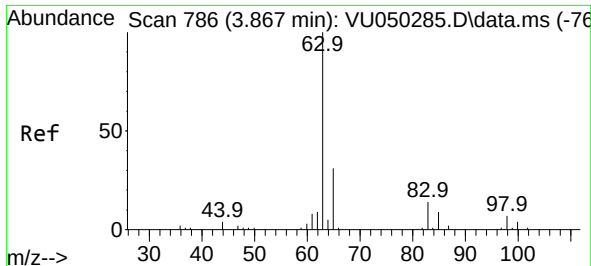
Ion Ratio Lower Upper

96 100

61 136.7 92.3 171.5

98 64.4 43.2 80.2





#19

1,1-Dichloroethane

Concen: 6.435 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

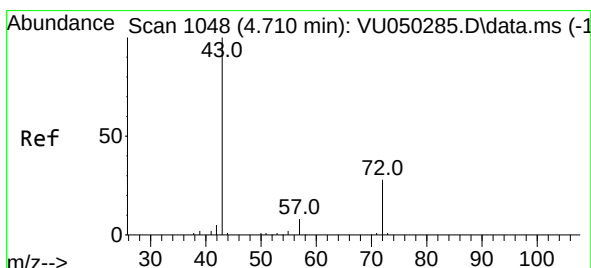
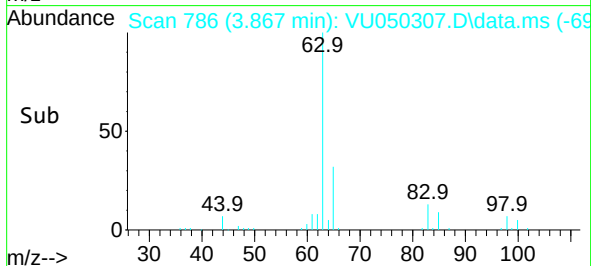
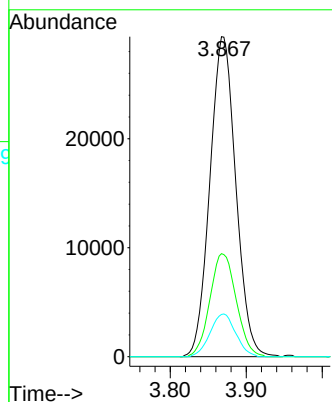
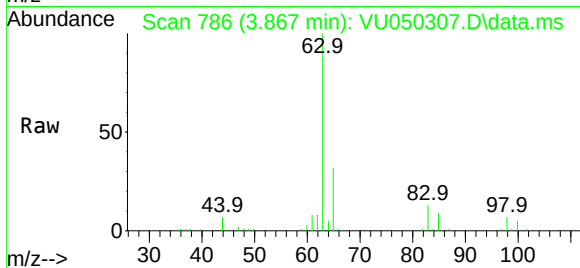
Tgt Ion: 63 Resp: 69484

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 13.2 9.8 18.2



#21

2-Butanone

Concen: 74.439 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU050307.D

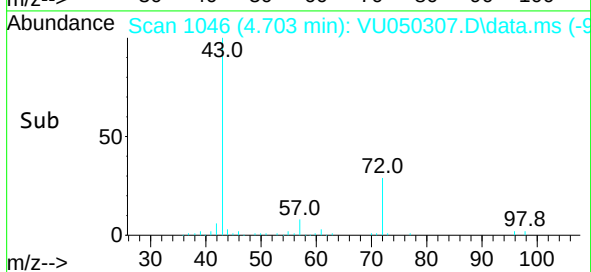
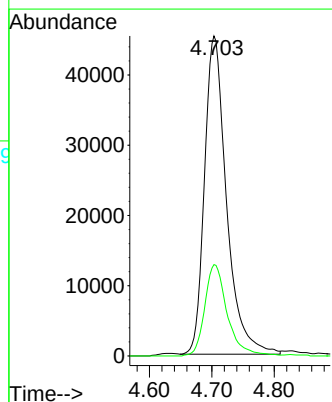
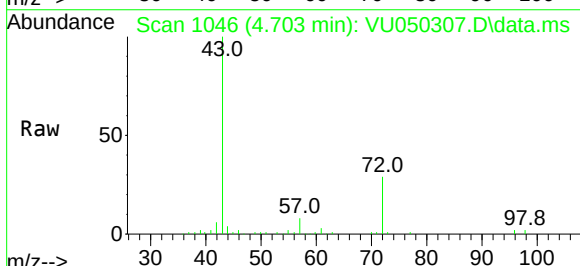
Acq: 13 Aug 2022 02:13

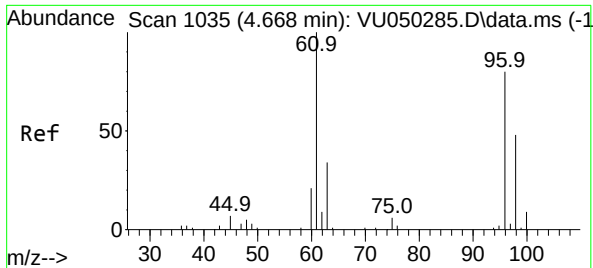
Tgt Ion: 43 Resp: 111449

Ion Ratio Lower Upper

43 100

72 29.3 14.0 42.0

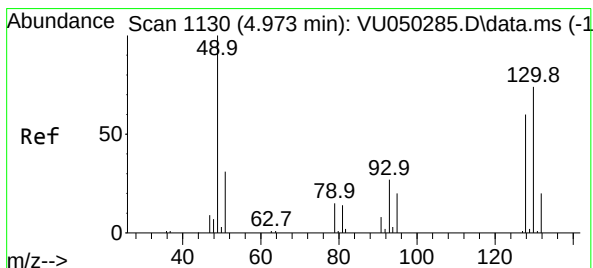
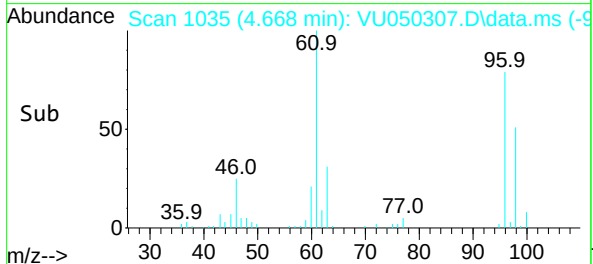
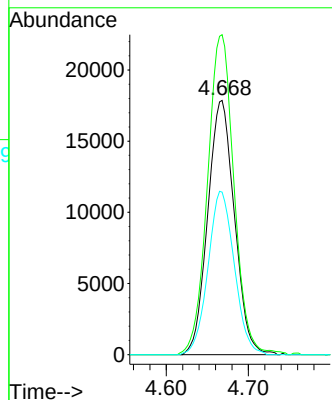
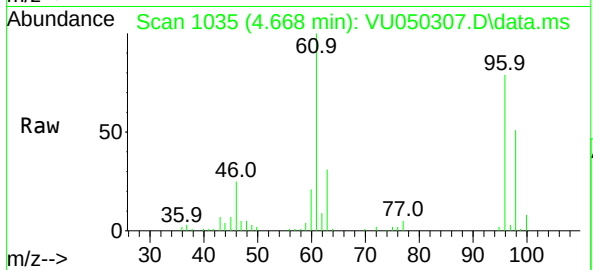




#22
 cis-1,2-Dichloroethene
 Concen: 6.388 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

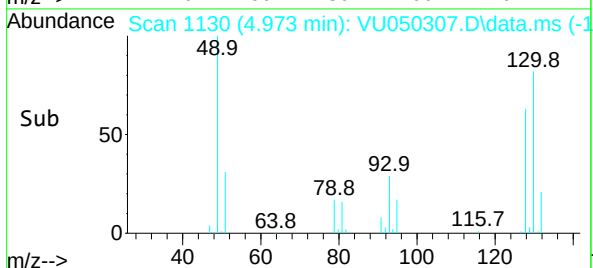
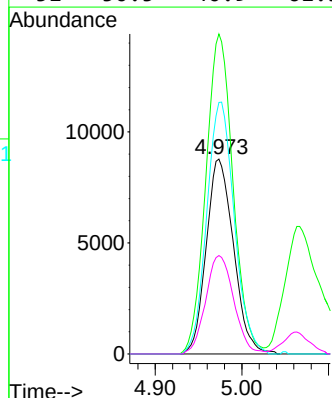
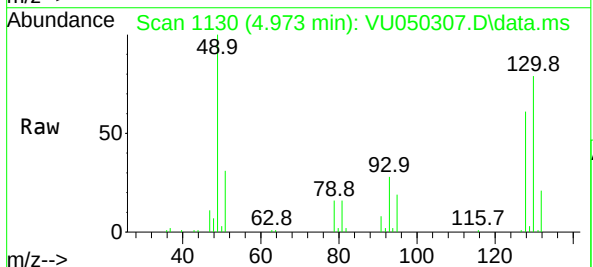
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

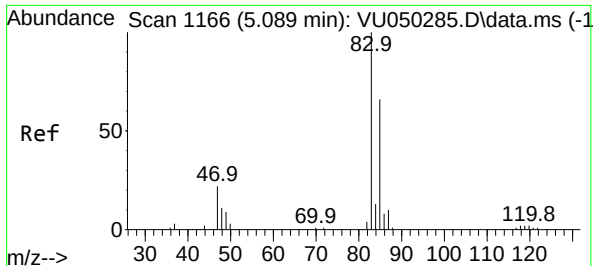
Tgt Ion: 96 Resp: 40426
 Ion Ratio Lower Upper
 96 100
 61 125.8 89.0 165.4
 98 63.9 45.2 84.0



#23
 Bromochloromethane
 Concen: 6.360 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

Tgt Ion: 128 Resp: 19237
 Ion Ratio Lower Upper
 128 100
 49 164.2 111.4 206.8
 130 129.1 90.2 167.4
 51 50.5 40.9 61.3





#25

Chloroform

Concen: 6.412 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

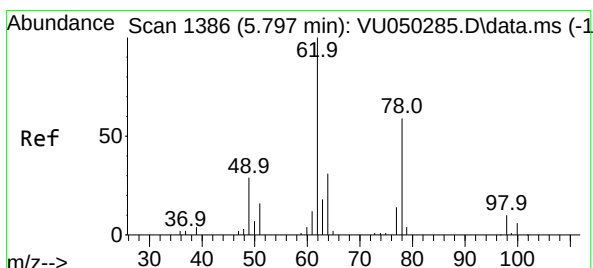
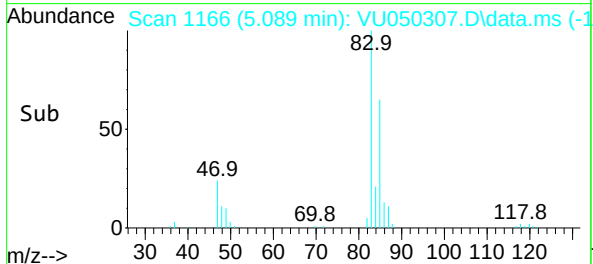
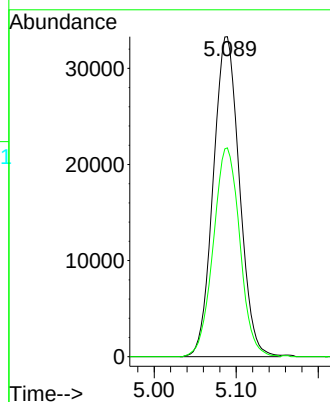
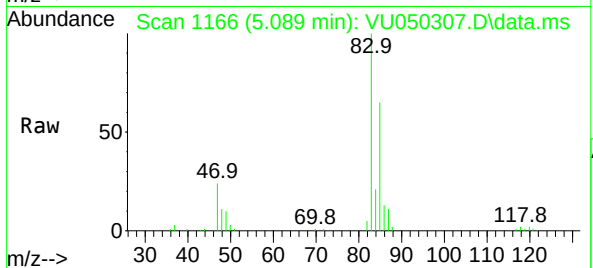
DBUT5MS

Tgt Ion: 83 Resp: 73803

Ion Ratio Lower Upper

83 100

85 65.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 6.548 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU050307.D

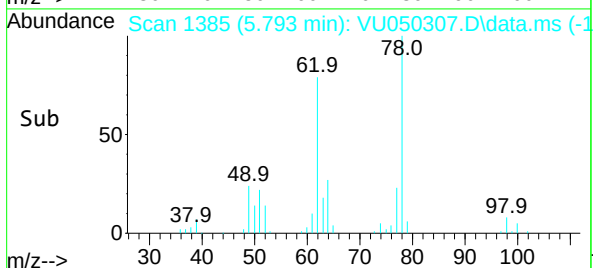
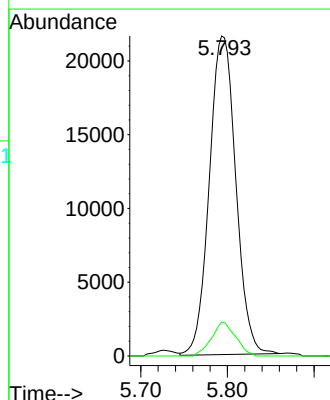
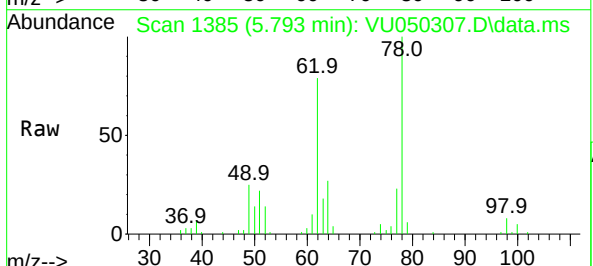
Acq: 13 Aug 2022 02:13

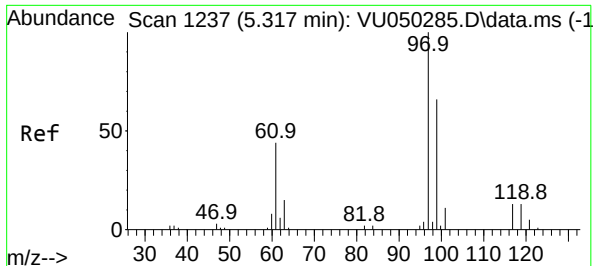
Tgt Ion: 62 Resp: 45874

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.153 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

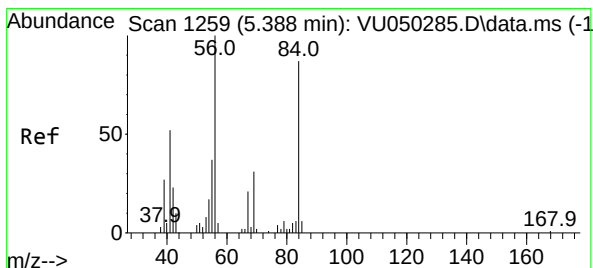
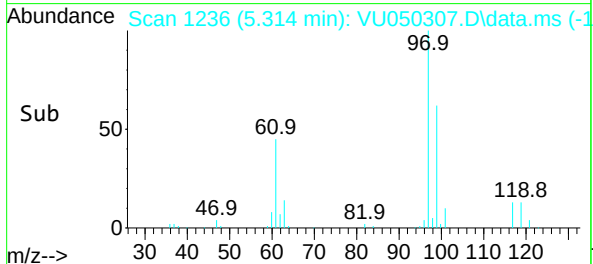
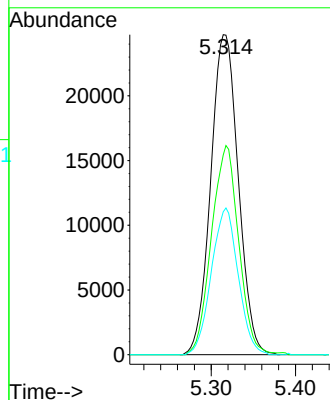
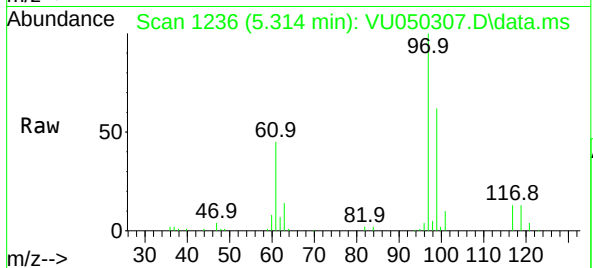
Tgt Ion: 97 Resp: 56225

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 44.6 34.2 51.4



#30

Cyclohexane

Concen: 5.315 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

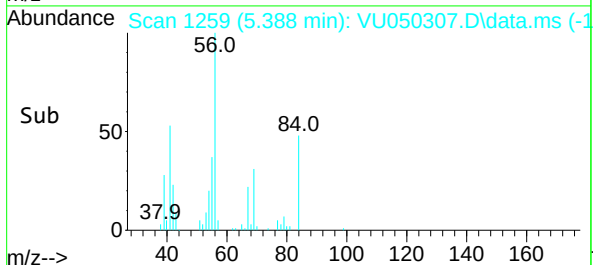
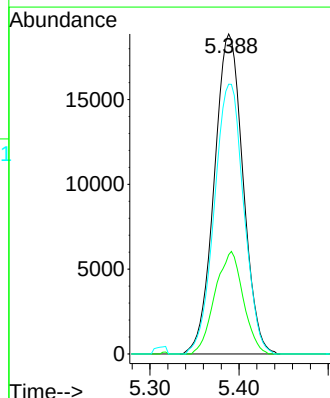
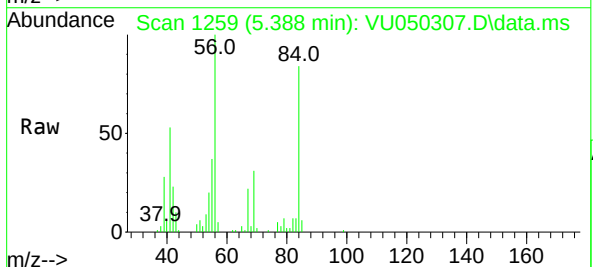
Tgt Ion: 56 Resp: 42316

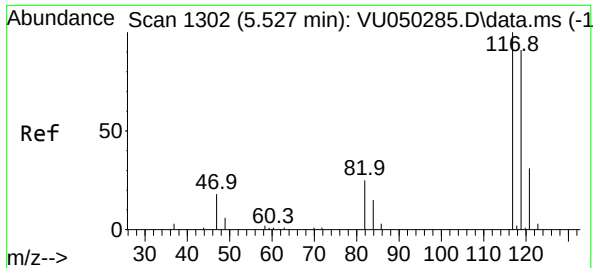
Ion Ratio Lower Upper

56 100

69 31.4 24.6 37.0

84 86.3 69.1 103.7

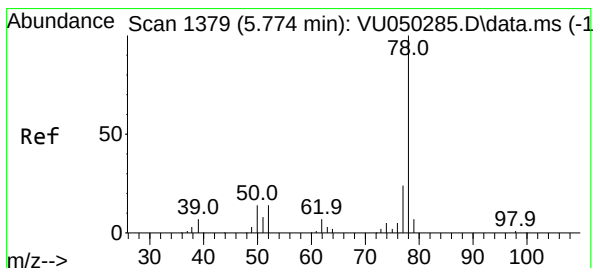
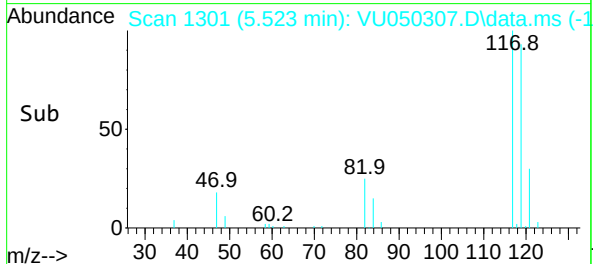
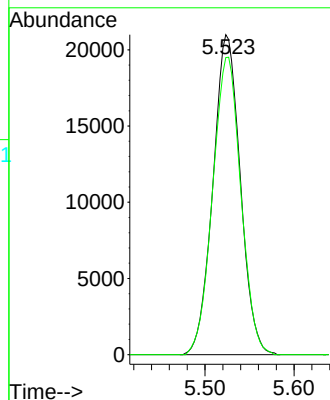
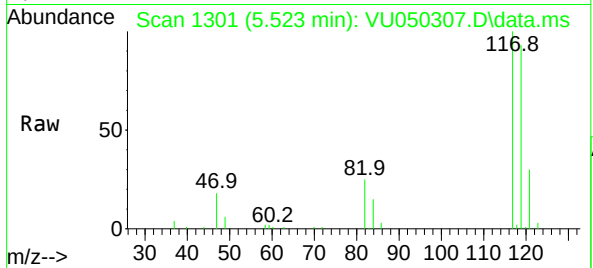




#31
Carbon tetrachloride
Concen: 5.960 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

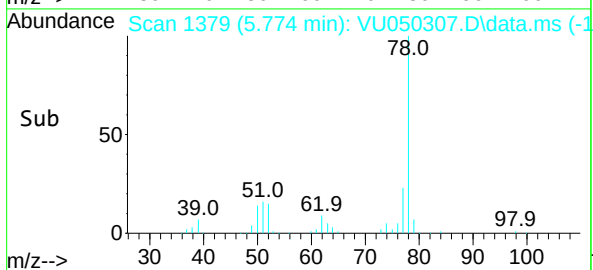
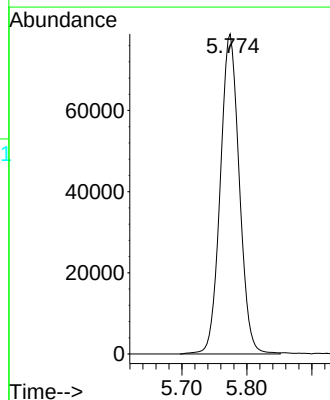
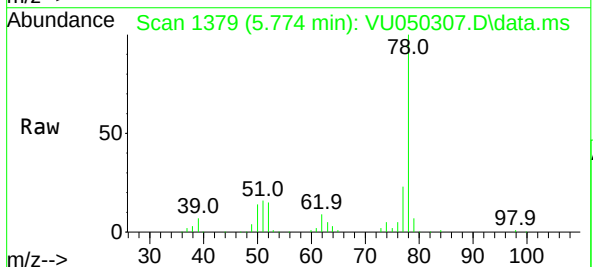
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

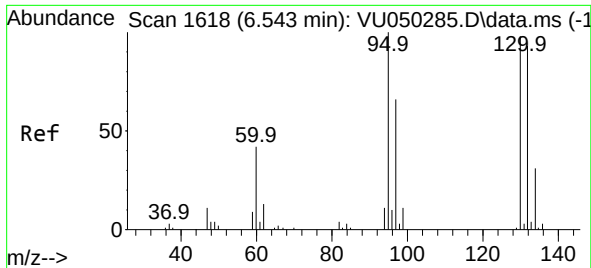
Tgt Ion:117 Resp: 44643
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0



#33
Benzene
Concen: 6.127 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 78 Resp: 159924



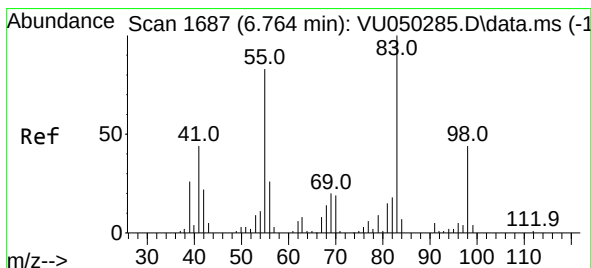
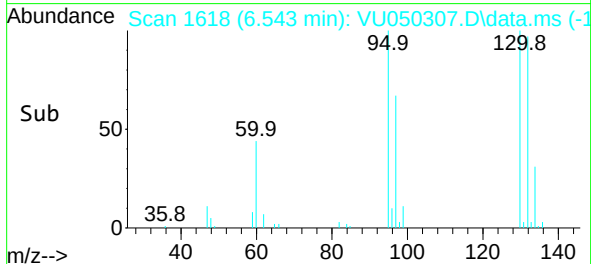
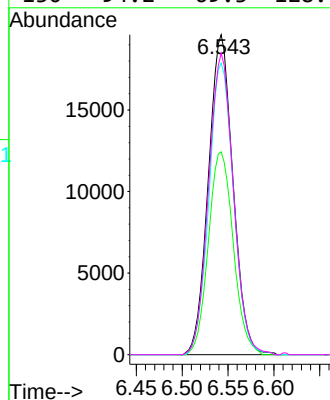
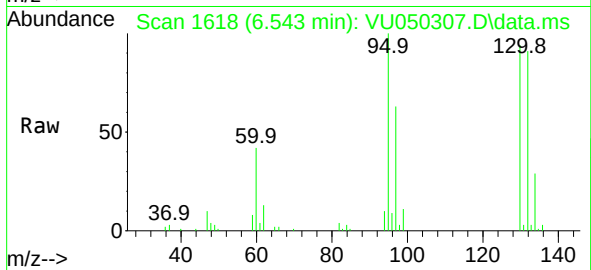


#34
Trichloroethene
Concen: 5.806 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

Tgt Ion: 95 Resp: 36651

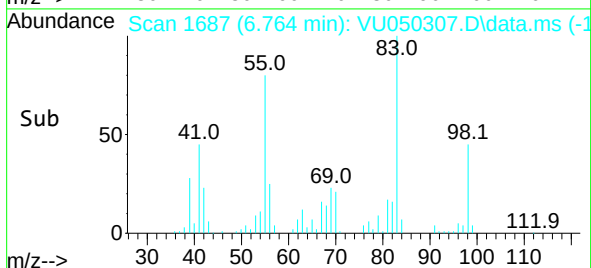
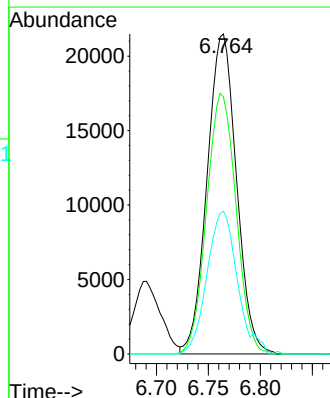
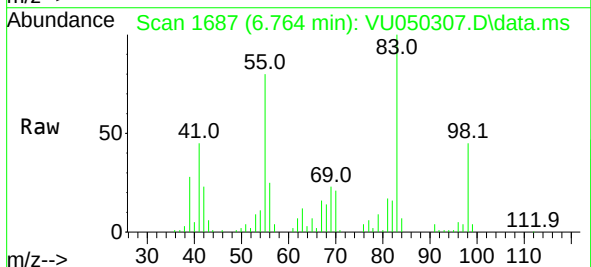
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	91.1	65.0	120.6
130	94.2	69.3	128.7

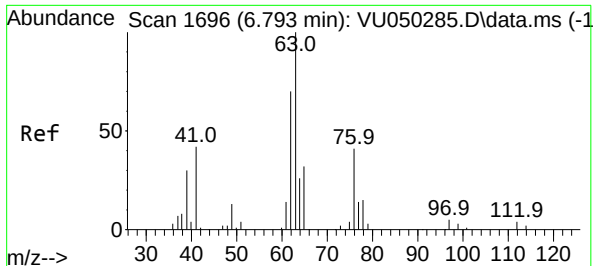


#35
Methylcyclohexane
Concen: 5.189 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 83 Resp: 42278

Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.7	94.1
98	46.0	36.2	54.2





#37

1,2-Dichloropropane

Concen: 6.277 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

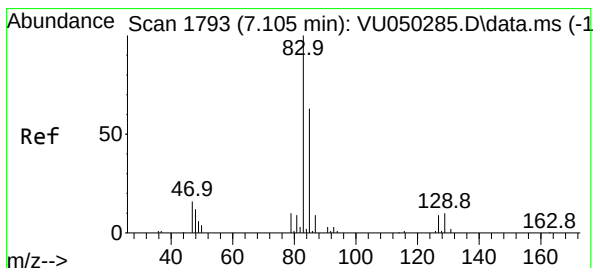
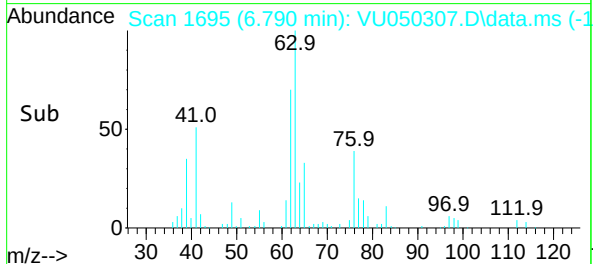
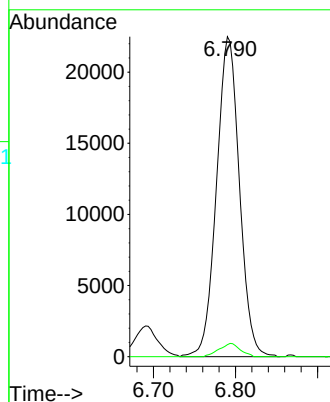
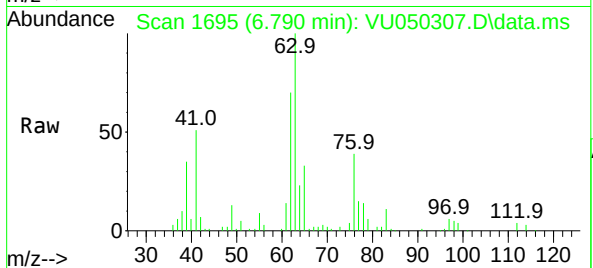
DBUT5MS

Tgt Ion: 63 Resp: 43639

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 6.240 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

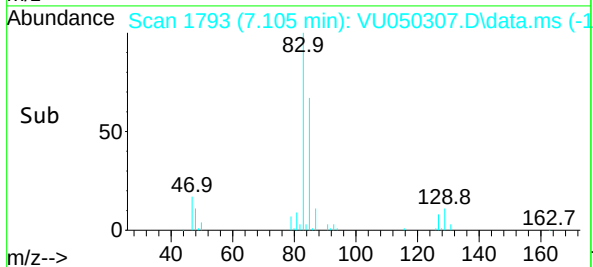
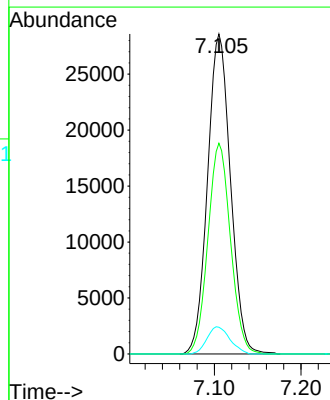
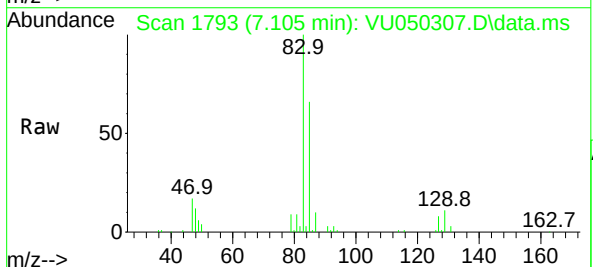
Tgt Ion: 83 Resp: 52693

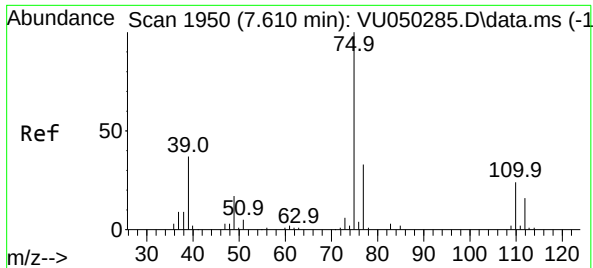
Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7

127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.430 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

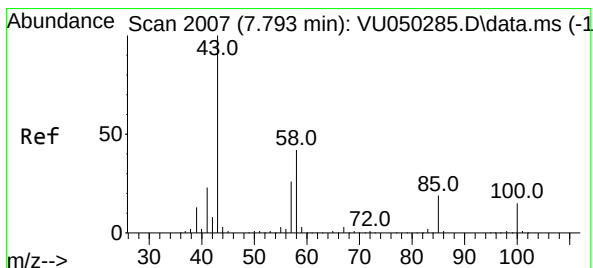
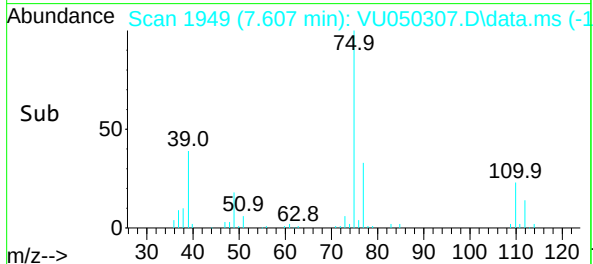
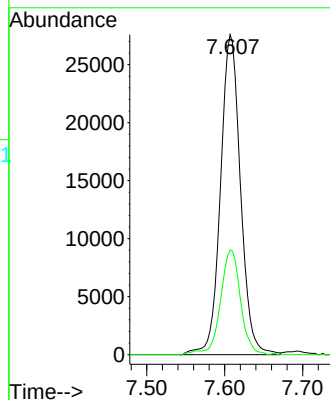
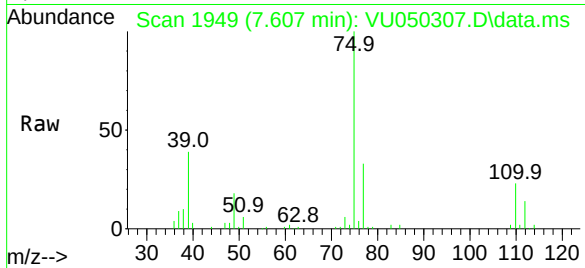
DBUT5MS

Tgt Ion: 75 Resp: 49263

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 65.256 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

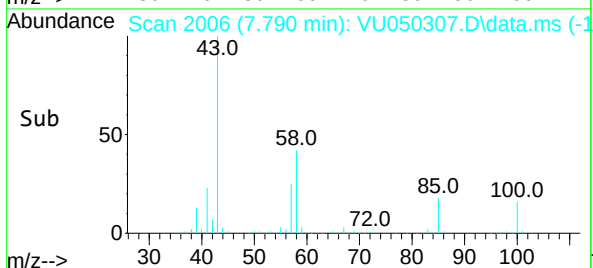
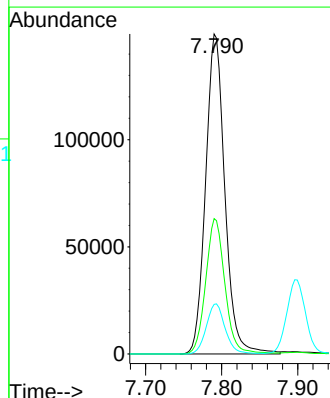
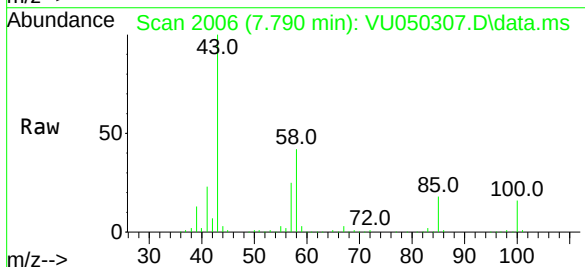
Tgt Ion: 43 Resp: 262761

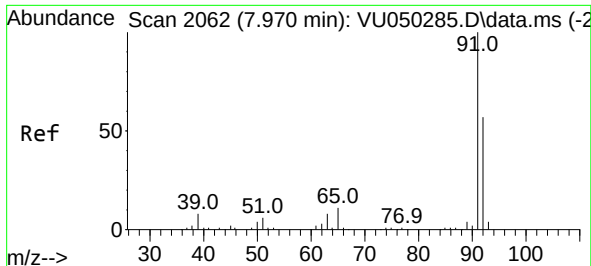
Ion Ratio Lower Upper

43 100

58 42.2 34.6 51.8

100 15.4 13.0 19.4





#42

Toluene

Concen: 6.270 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

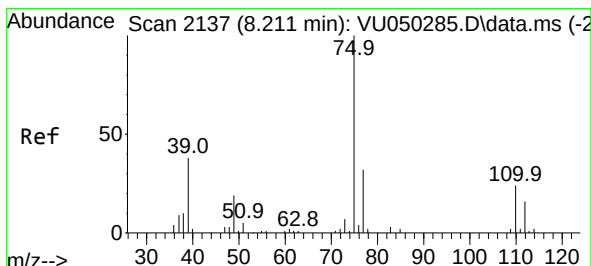
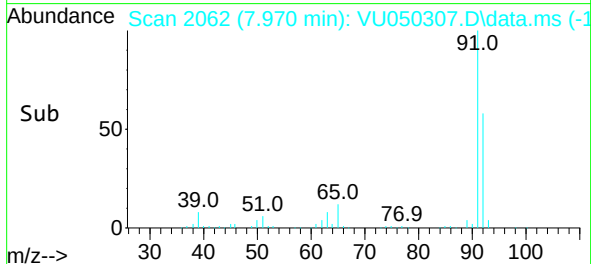
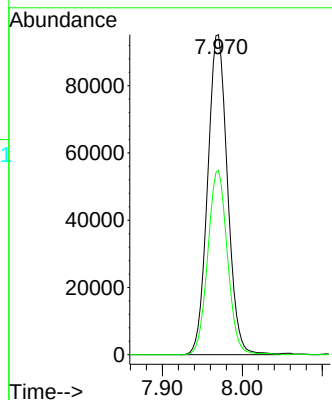
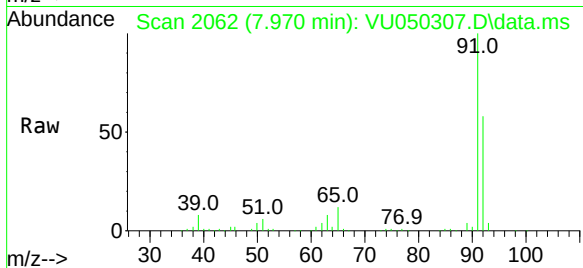
DBUT5MS

Tgt Ion: 91 Resp: 164127

Ion Ratio Lower Upper

91 100

92 57.6 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 5.551 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050307.D

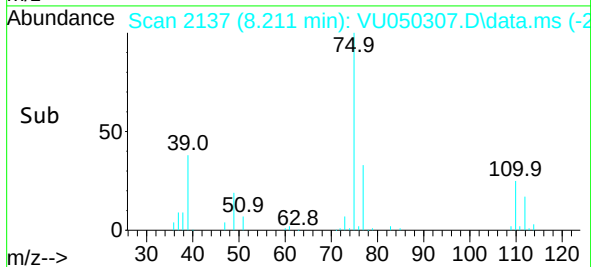
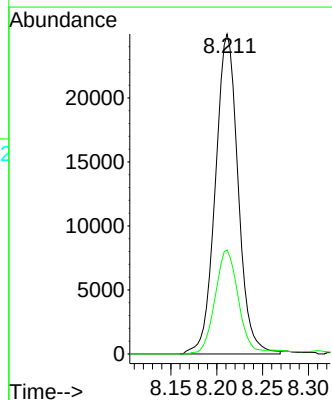
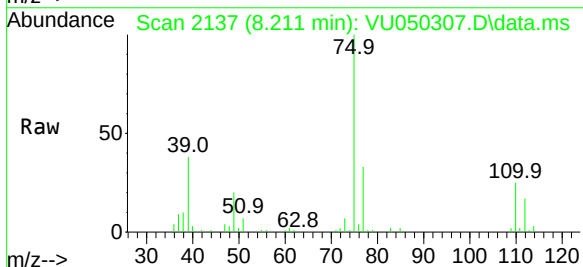
Acq: 13 Aug 2022 02:13

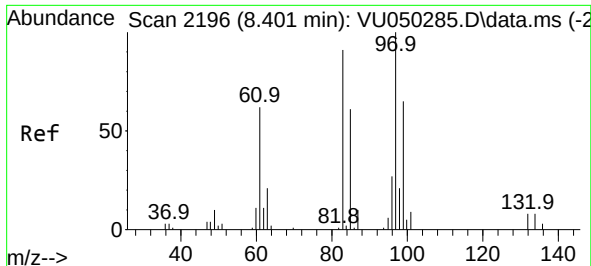
Tgt Ion: 75 Resp: 43191

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



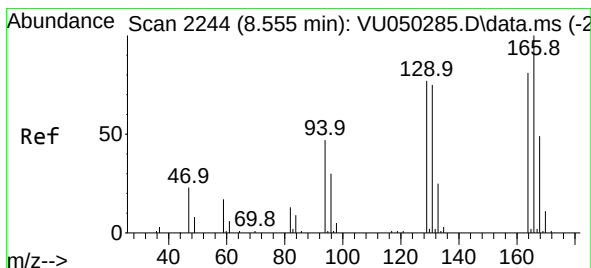
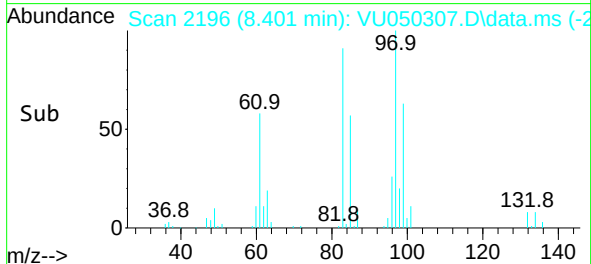
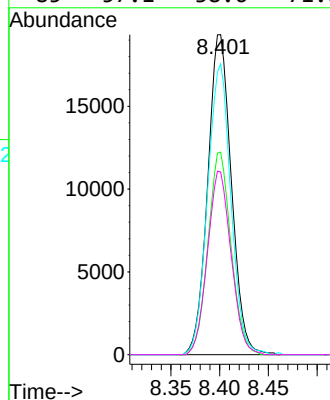
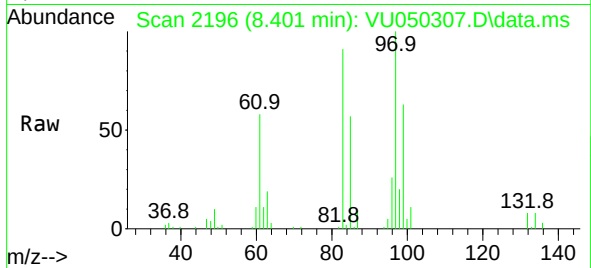


#45
1,1,2-Trichloroethane
Concen: 6.285 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

Tgt Ion: 97 Resp: 32661

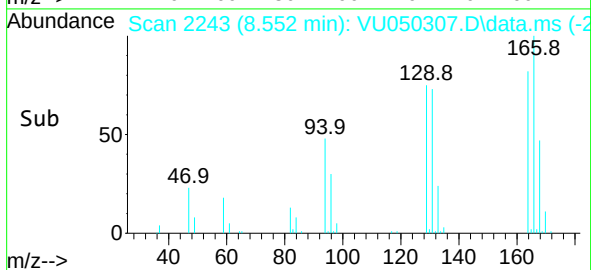
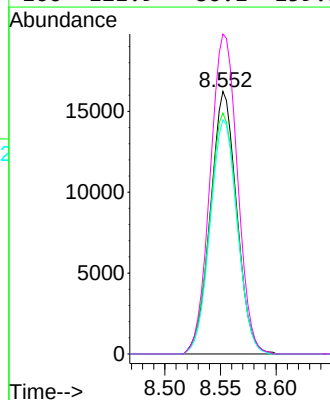
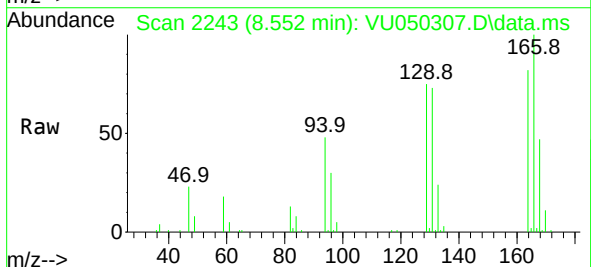
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.2	78.4
83	90.9	59.6	110.6
85	57.1	38.6	71.8

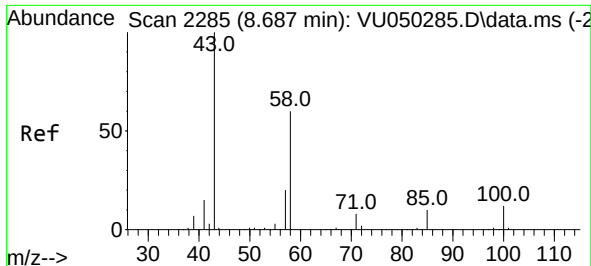


#47
Tetrachloroethene
Concen: 5.912 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 164 Resp: 26739

Ion	Ratio	Lower	Upper
164	100		
129	91.7	69.0	128.1
131	89.2	65.8	122.2
166	121.9	86.1	159.9

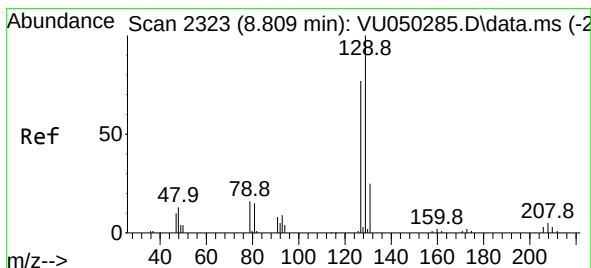
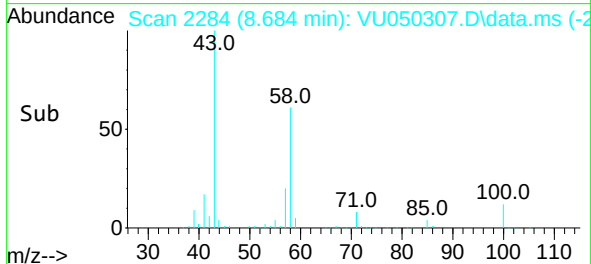
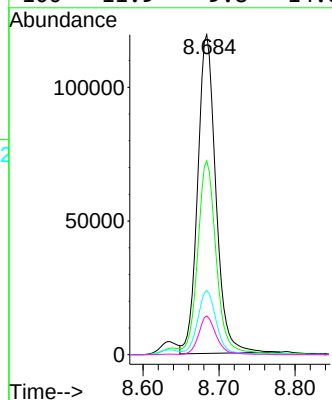
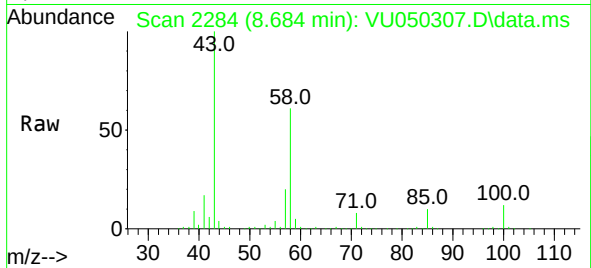




#48
2-Hexanone
Concen: 63.750 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

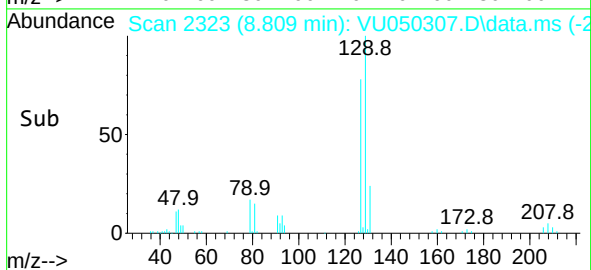
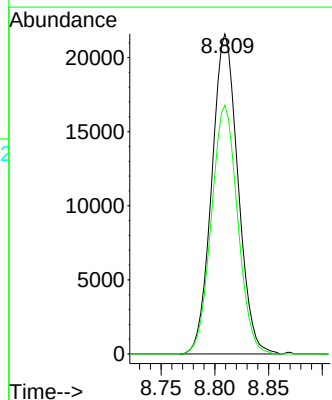
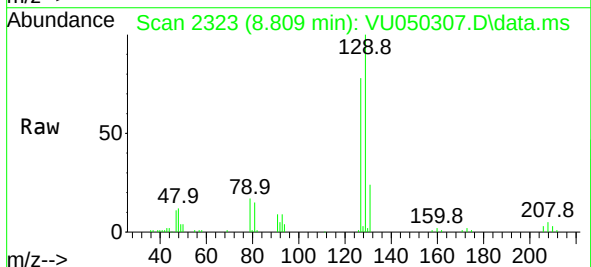
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

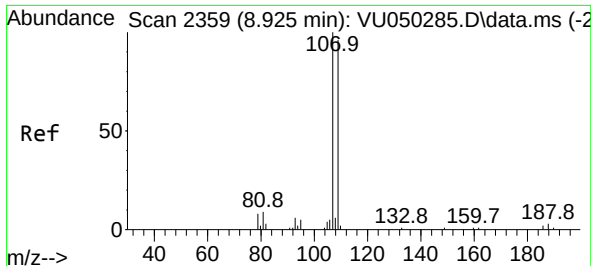
Tgt Ion: 43 Resp: 198540
Ion Ratio Lower Upper
43 100
58 62.9 50.6 76.0
57 20.6 16.0 24.0
100 11.9 9.8 14.8



#49
Dibromochloromethane
Concen: 6.357 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 129 Resp: 36562
Ion Ratio Lower Upper
129 100
127 77.7 55.3 102.7





#50

1,2-Dibromoethane

Concen: 6.406 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

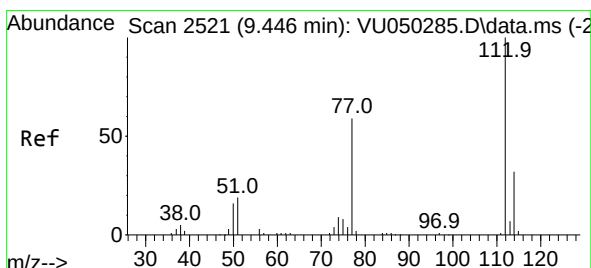
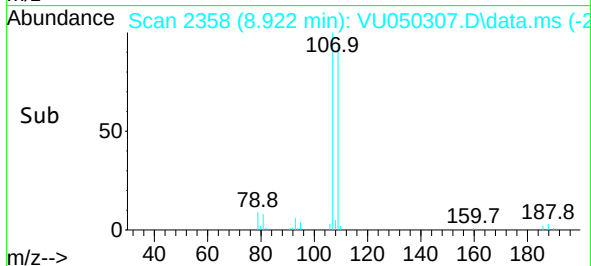
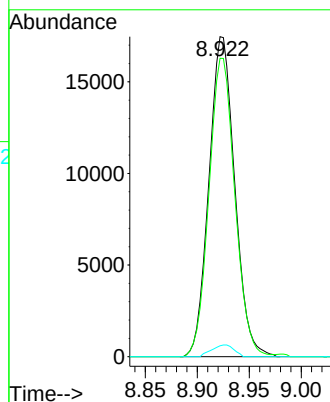
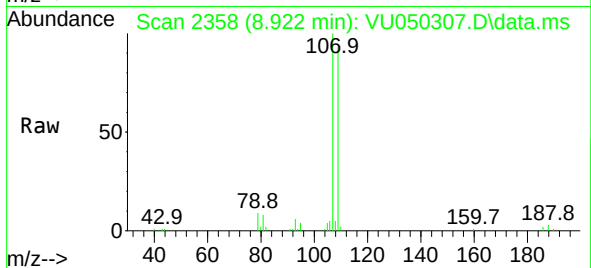
Tgt Ion:107 Resp: 30185

Ion Ratio Lower Upper

107 100

109 93.2 66.6 123.6

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 5.943 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

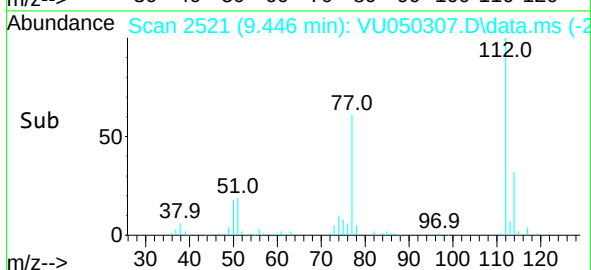
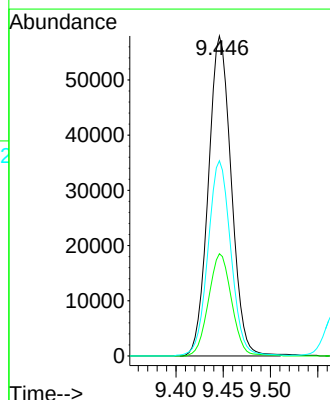
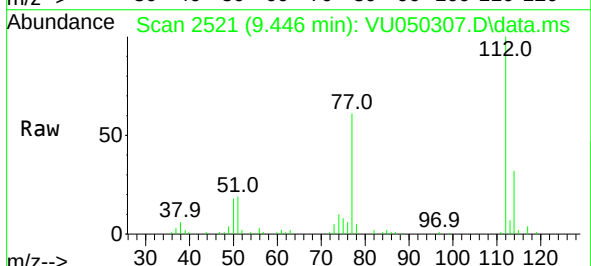
Tgt Ion:112 Resp: 97877

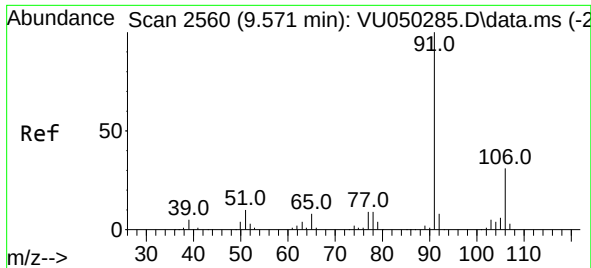
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 61.0 46.3 69.5

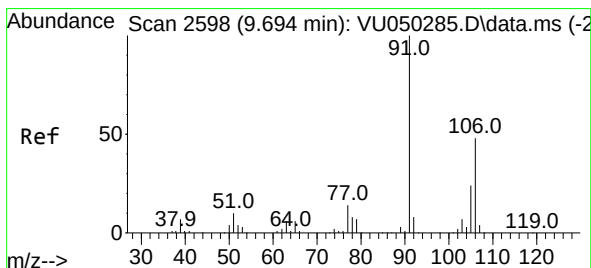
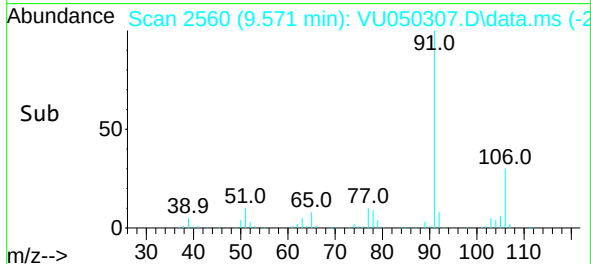
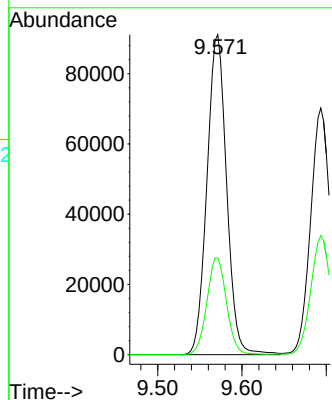
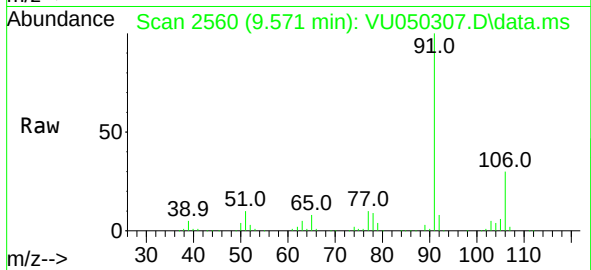




#52
Ethylbenzene
Concen: 5.790 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

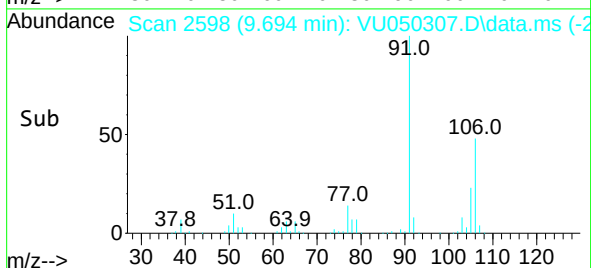
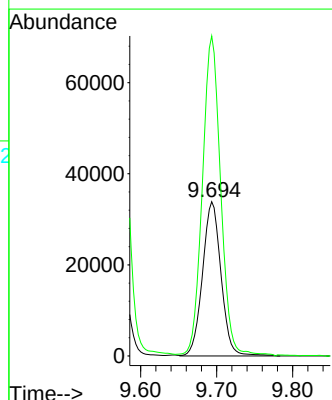
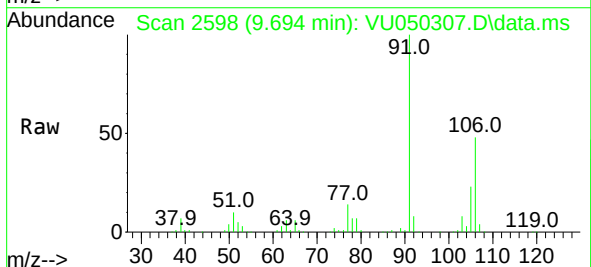
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

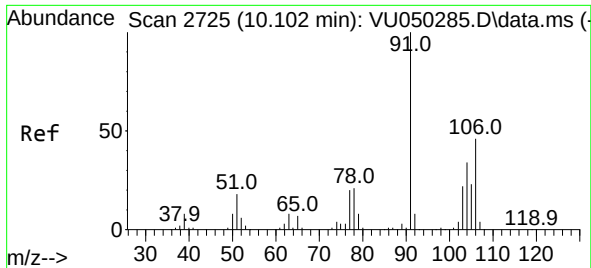
Tgt Ion: 91 Resp: 147895
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 6.086 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 106 Resp: 57250
Ion Ratio Lower Upper
106 100
91 207.4 143.1 265.9

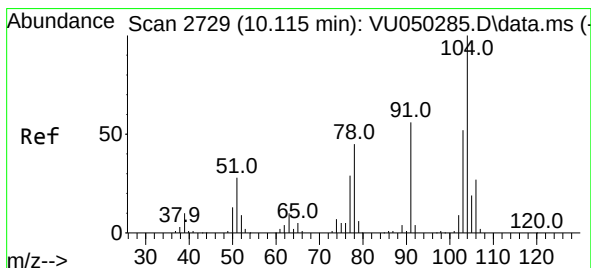
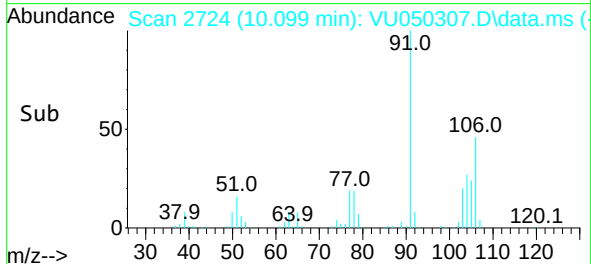
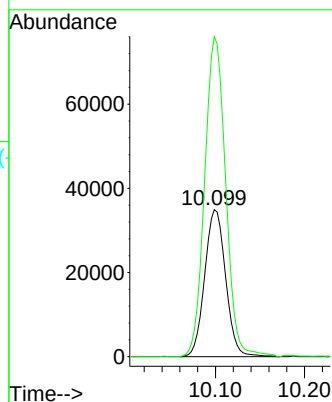
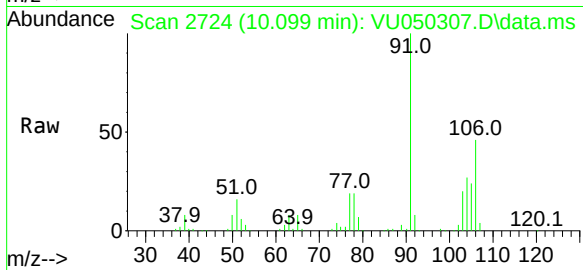




#54
o-Xylene
Concen: 6.069 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

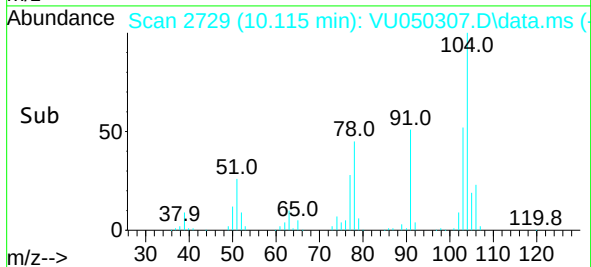
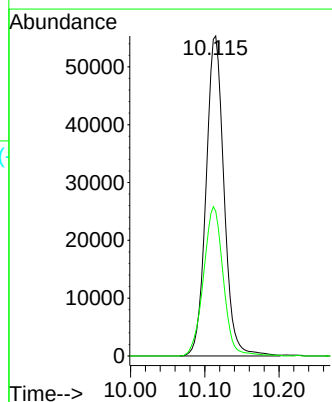
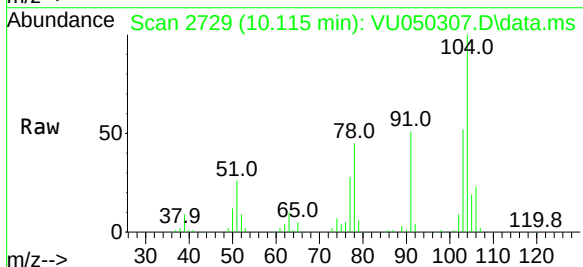
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

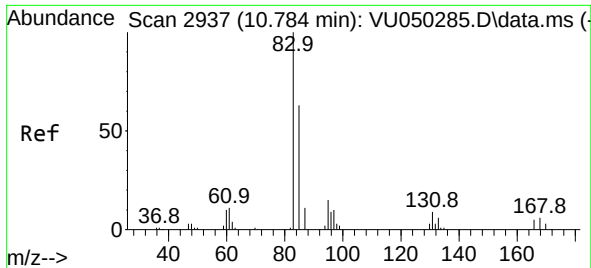
Tgt Ion:106 Resp: 56984
Ion Ratio Lower Upper
106 100
91 217.6 149.4 277.4



#55
Styrene
Concen: 5.926 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:104 Resp: 92957
Ion Ratio Lower Upper
104 100
78 45.3 31.9 59.3

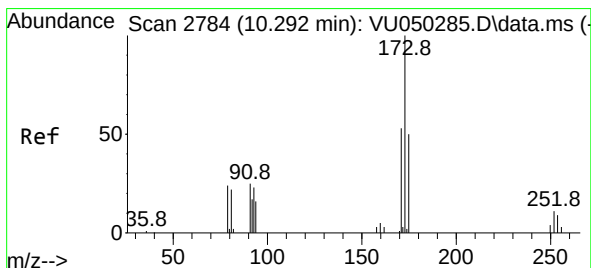
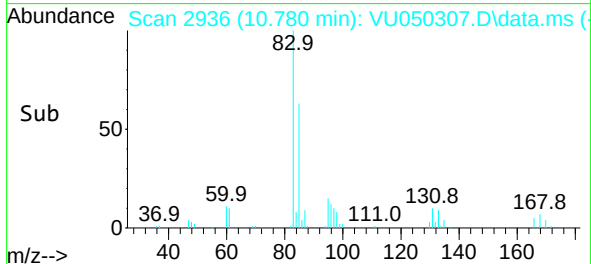
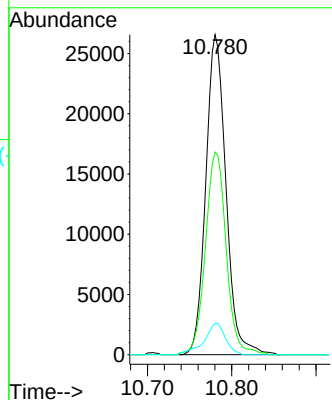
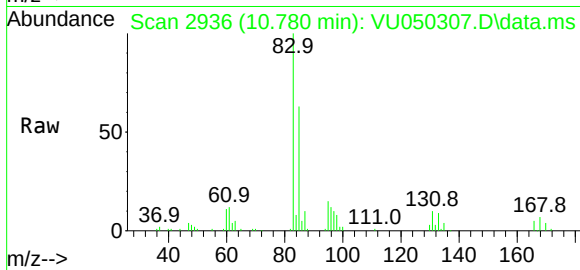




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.482 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.003 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

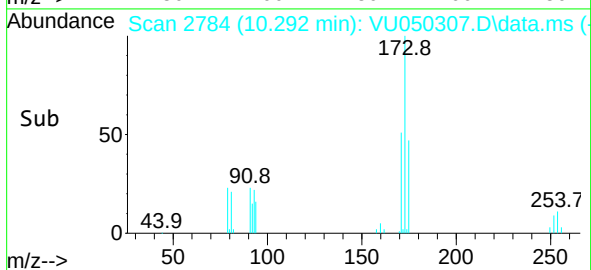
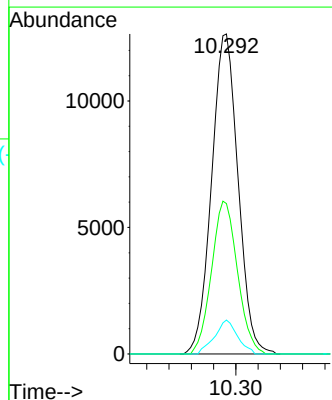
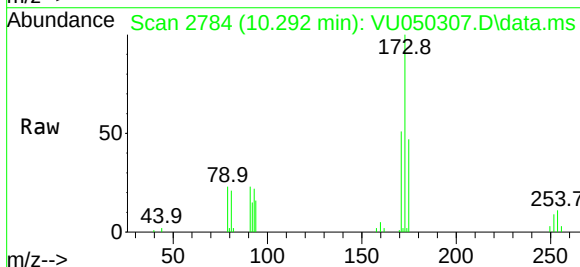
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

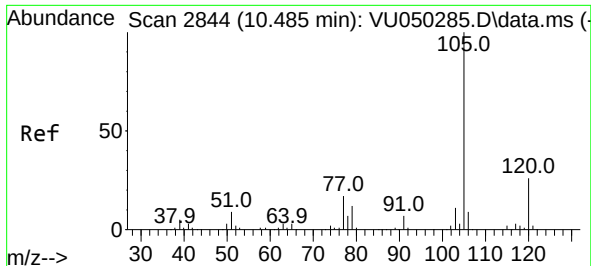
Tgt Ion: 83 Resp: 44266
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.2 84.0
 131 9.8 6.6 9.8



#59
 Bromoform
 Concen: 5.809 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU050307.D
 Acq: 13 Aug 2022 02:13

Tgt Ion: 173 Resp: 20858
 Ion Ratio Lower Upper
 173 100
 175 46.8 37.0 55.6
 254 9.2 7.4 11.0

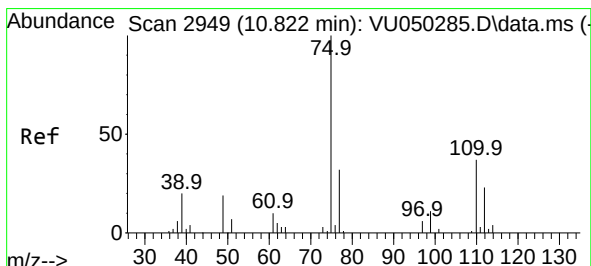
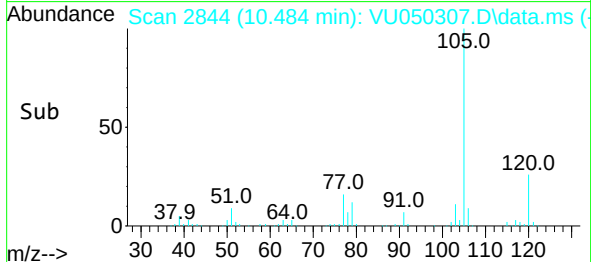
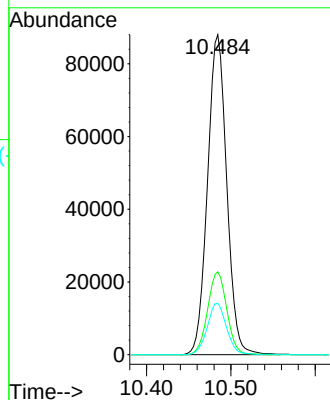
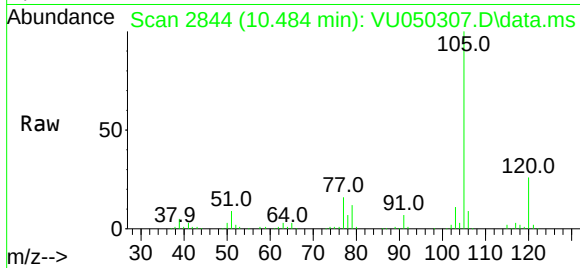




#60
Isopropylbenzene
Concen: 5.835 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

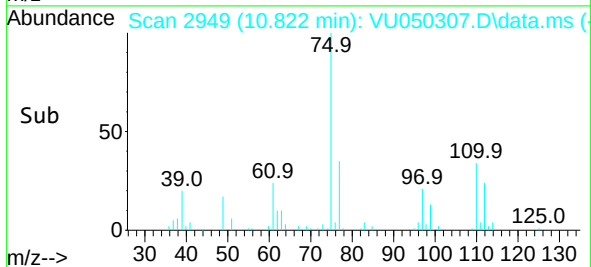
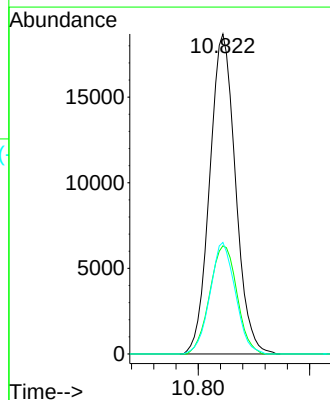
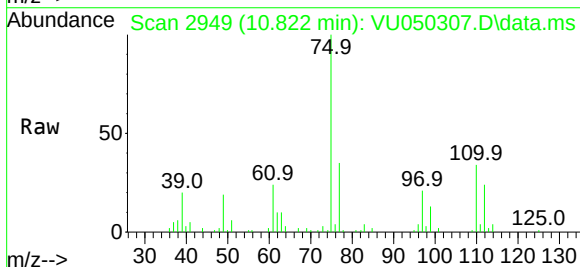
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

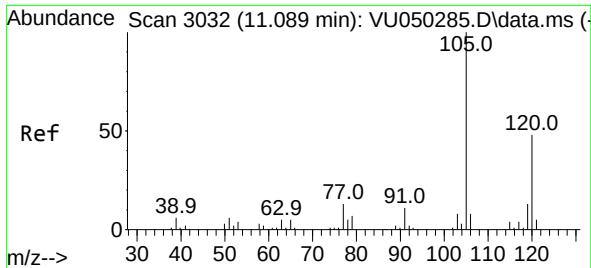
Tgt Ion:105 Resp: 139517
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.156 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
110 35.7 28.5 42.7
77 34.4 25.8 38.6

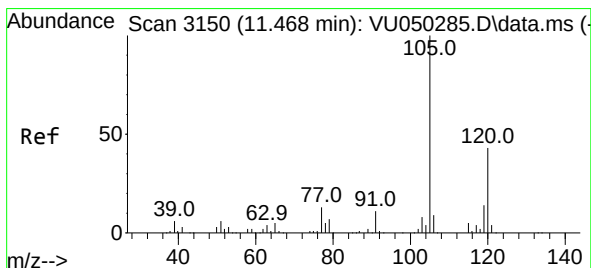
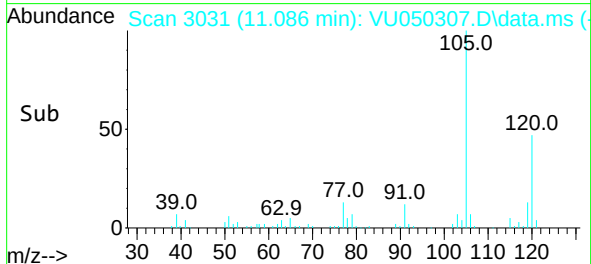
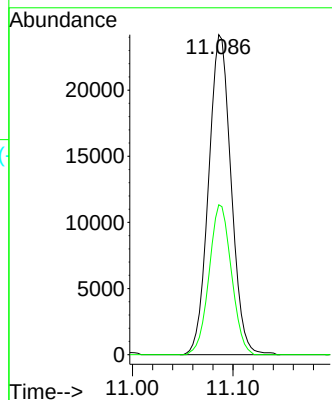
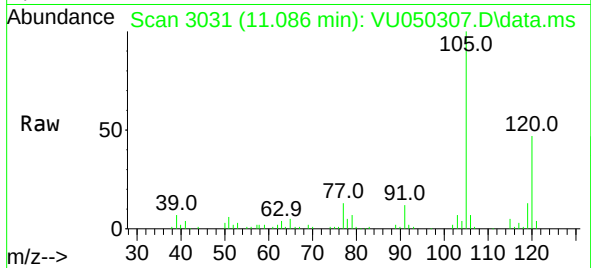




#62
1,3,5-Trimethylbenzene
Concen: 5.567 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

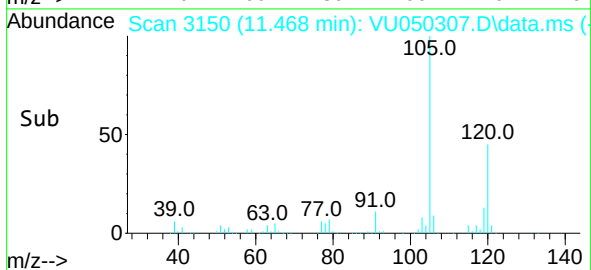
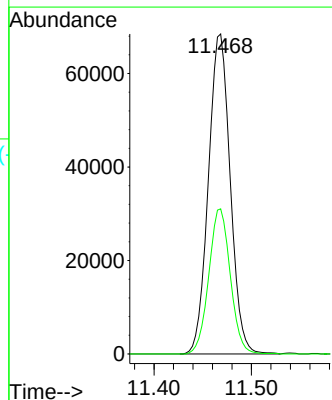
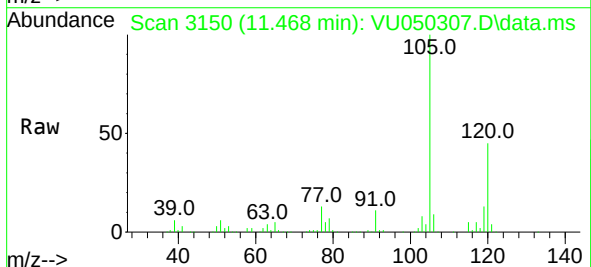
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

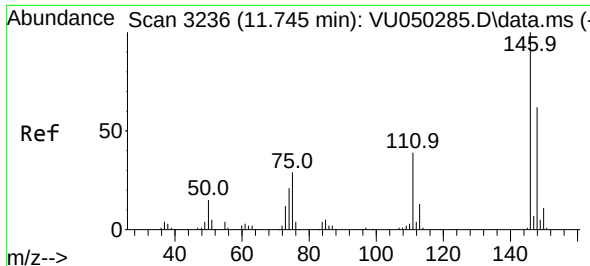
Tgt Ion:105 Resp: 37611
Ion Ratio Lower Upper
105 100
120 46.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.795 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:105 Resp: 106662
Ion Ratio Lower Upper
105 100
120 44.6 35.9 53.9

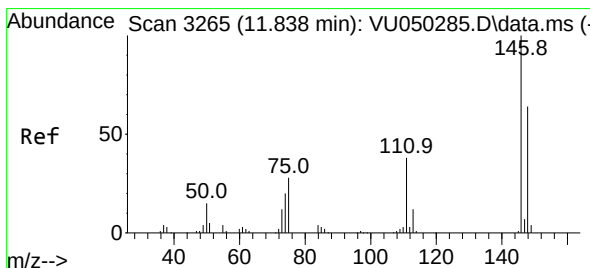
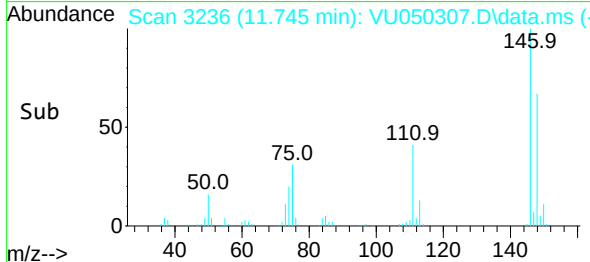
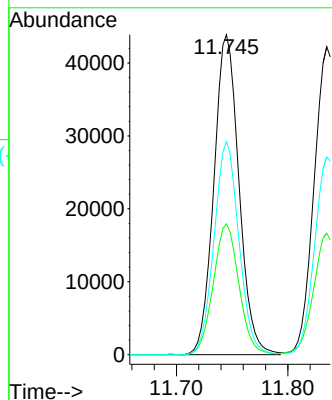
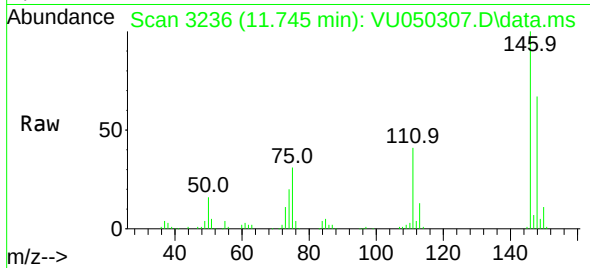




#64
1,3-Dichlorobenzene
Concen: 5.687 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

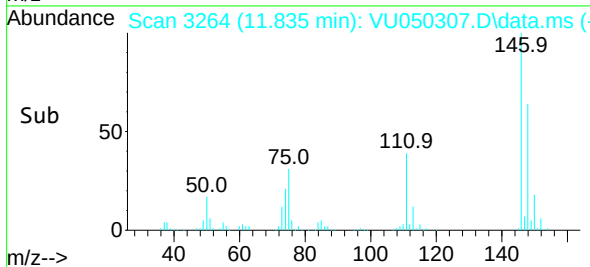
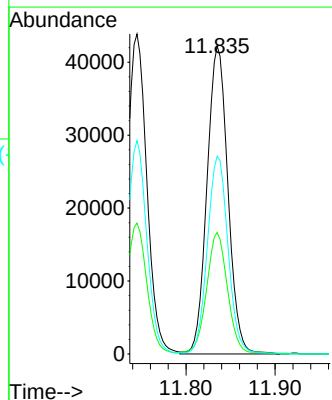
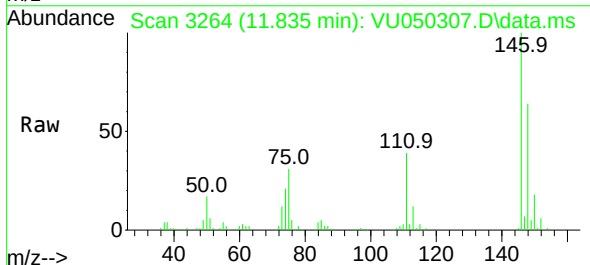
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

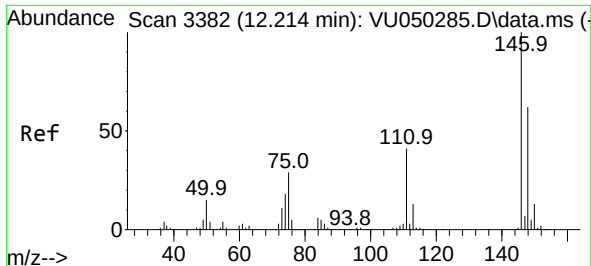
Tgt Ion:146 Resp: 68547
Ion Ratio Lower Upper
146 100
111 40.9 29.9 55.5
148 66.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.871 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:146 Resp: 68856
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 64.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 6.056 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

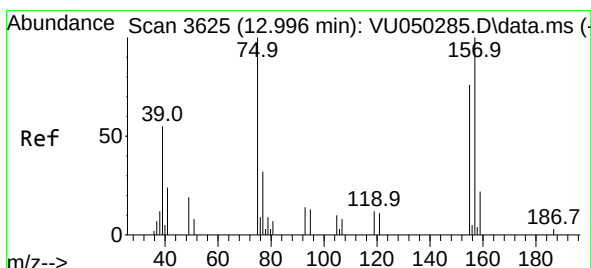
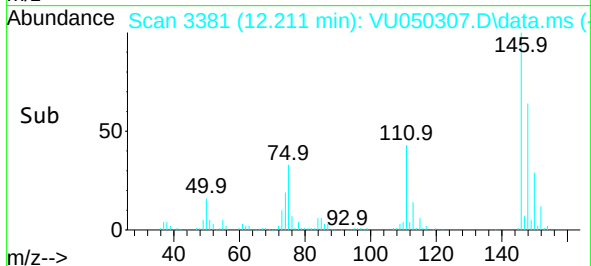
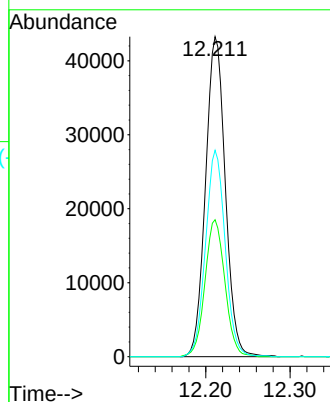
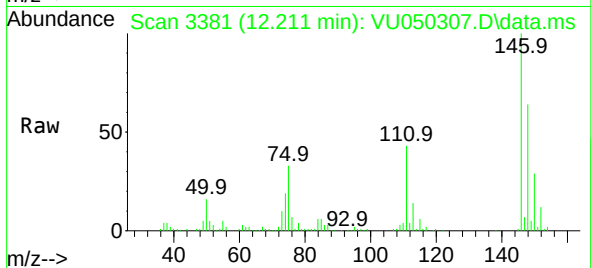
Tgt Ion:146 Resp: 70688

Ion Ratio Lower Upper

146 100

111 42.8 32.9 49.3

148 64.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.921 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

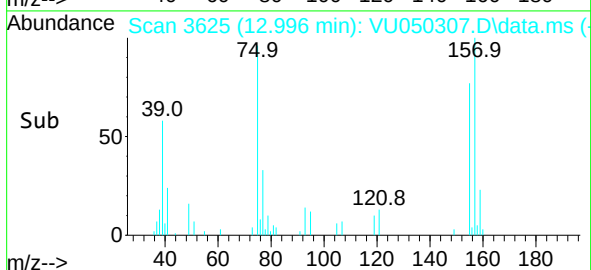
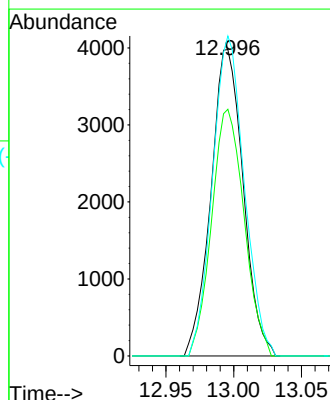
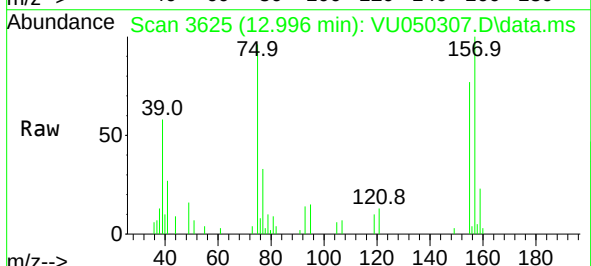
Tgt Ion: 75 Resp: 6619

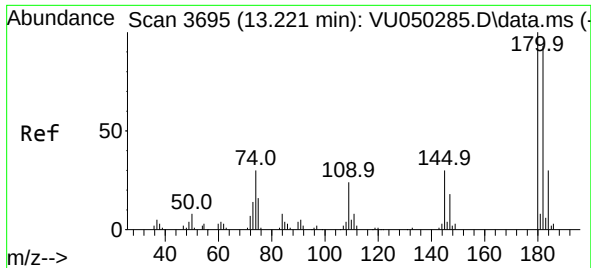
Ion Ratio Lower Upper

75 100

155 80.5 63.5 95.3

157 104.4 85.0 127.6

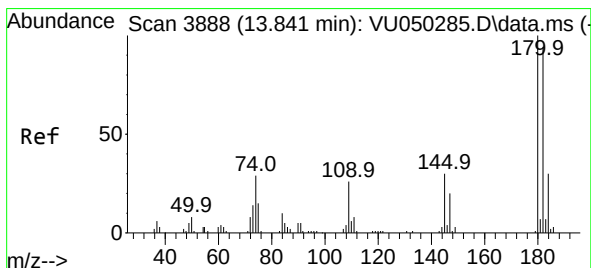
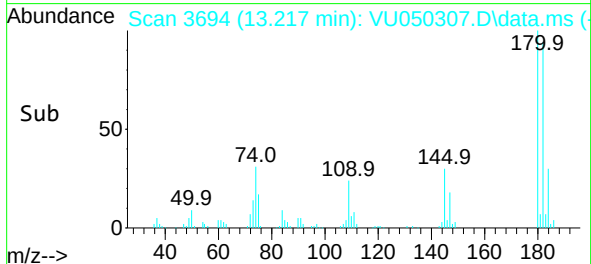
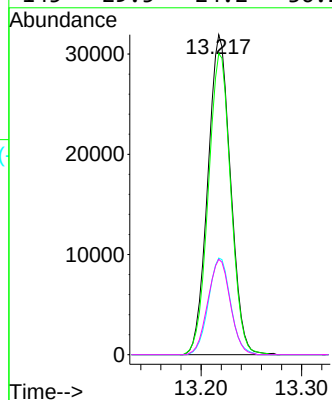
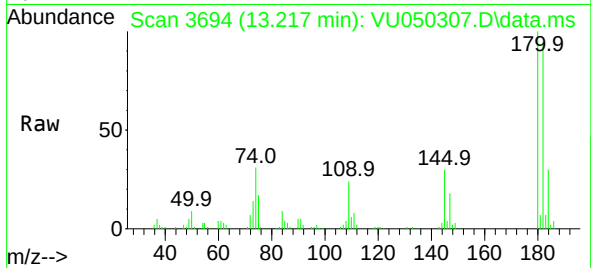




#69
1,3,5-Trichlorobenzene
Concen: 5.832 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

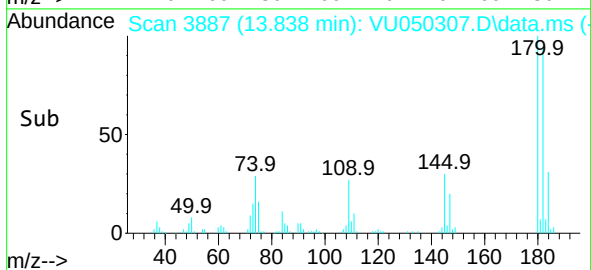
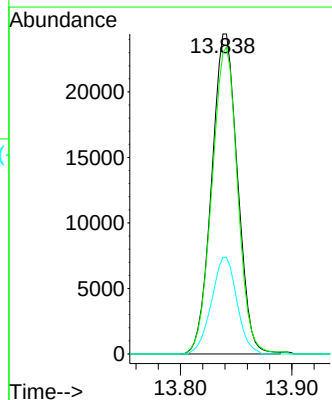
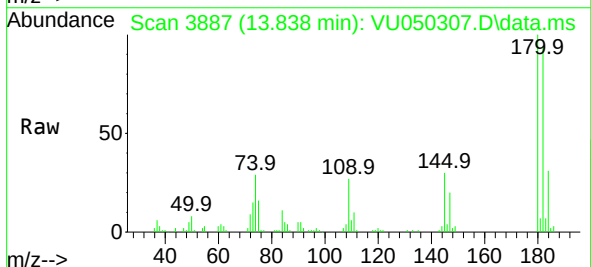
Instrument :
MSVOA_U
ClientSampleId :
DBUT5MS

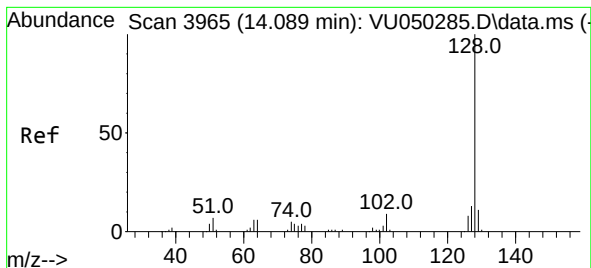
Tgt Ion:180 Resp: 50071
Ion Ratio Lower Upper
180 100
182 93.1 77.3 115.9
184 29.4 24.1 36.1
145 29.5 24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 6.063 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050307.D
Acq: 13 Aug 2022 02:13

Tgt Ion:180 Resp: 39444
Ion Ratio Lower Upper
180 100
182 94.9 76.9 115.3
145 29.8 24.2 36.4





#71

Naphthalene

Concen: 6.153 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

DBUT5MS

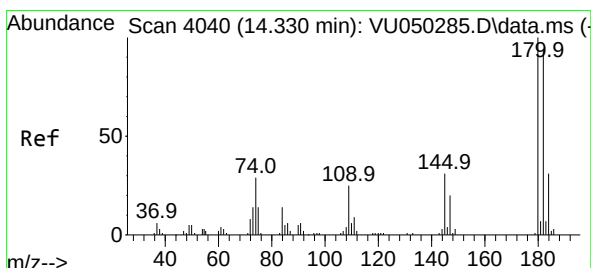
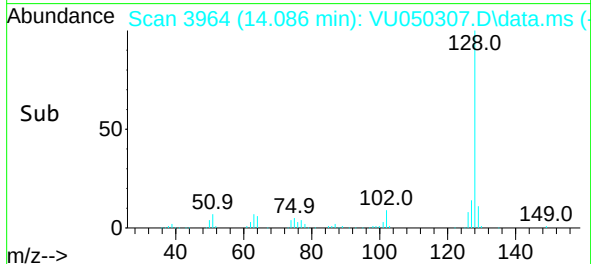
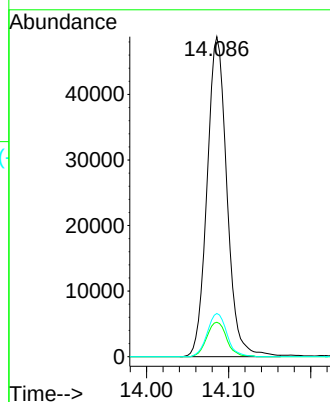
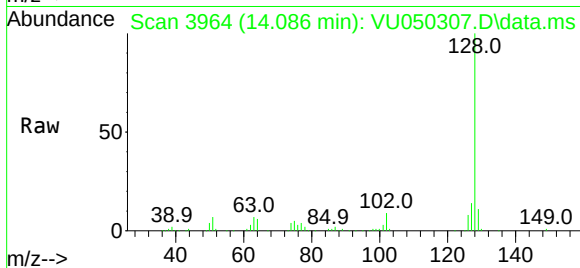
Tgt Ion:128 Resp: 82075

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.4 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 6.386 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU050307.D

Acq: 13 Aug 2022 02:13

Tgt Ion:180 Resp: 42116

Ion Ratio Lower Upper

180 100

182 94.3 77.5 116.3

145 32.4 25.8 38.6

