

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061923\
 Data File : VU054608.D
 Acq On : 19 Jun 2023 19:59
 Operator : MD/SY
 Sample : 03258-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MS

Quant Time: Jun 20 05:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	242419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	46874	2.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.911	69	68524	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	23750	3.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.628	46	288709	63.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.900%
24) Chloroform-d	5.058	84	173935	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.698	65	88235	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	307454	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.685	67	111520	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	263436	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	34611	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	217766	66.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.660%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	98132	5.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	106132	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	102131	4.332	ug/L	100
3) Chloromethane	1.522	50	126057	4.655	ug/L	99
5) Vinyl chloride	1.602	62	132365	4.762	ug/L	100
6) Bromomethane	1.856	94	72620	4.752	ug/L	94
8) Chloroethane	1.933	64	83702	5.023	ug/L	99
9) Trichlorofluoromethane	2.136	101	174228	5.098	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98967	4.950	ug/L	97
12) 1,1-Dichloroethene	2.576	96	92981	5.081	ug/L	97
13) Acetone	2.640	43	192225	45.158	ug/L	96
14) Carbon disulfide	2.788	76	263104	4.848	ug/L	100
15) Methyl Acetate	2.952	43	40146	5.089	ug/L	97
16) Methylene chloride	3.042	84	109589	4.259	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	245993	5.446	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	95434	5.051	ug/L	93
19) 1,1-Dichloroethane	3.865	63	204439	5.228	ug/L	99
21) 2-Butanone	4.705	43	296876	53.739	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	113897	5.294	ug/L	93
23) Bromochloromethane	4.972	128	50612	5.653	ug/L	86
25) Chloroform	5.084	83	208883	5.419	ug/L	99

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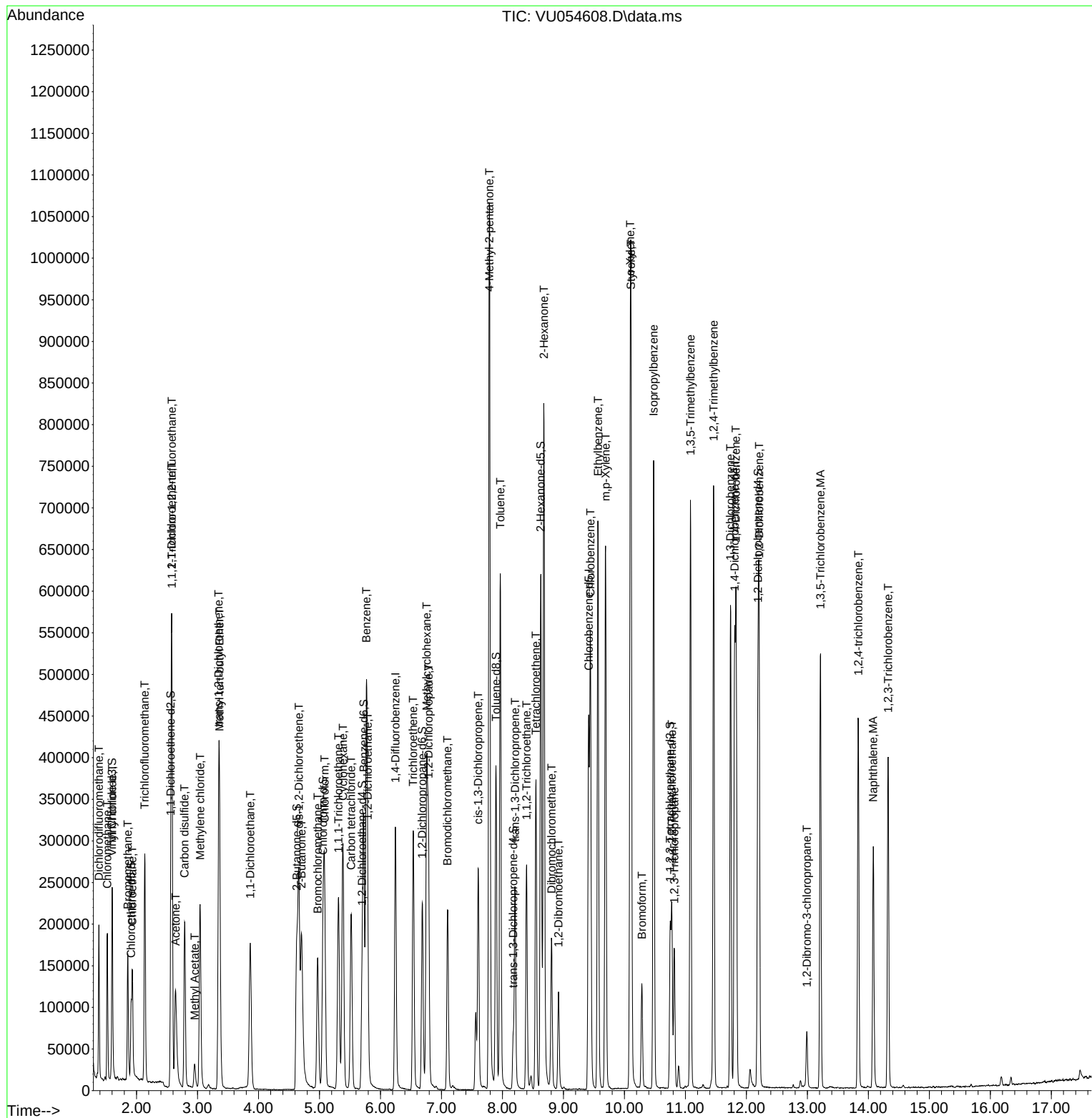
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	122552	5.424	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	172228	5.239	ug/L	98
30) Cyclohexane	5.386	56	148989	4.161	ug/L	98
31) Carbon tetrachloride	5.518	117	148985	5.260	ug/L	100
33) Benzene	5.769	78	432295	4.962	ug/L	100
34) Trichloroethene	6.537	95	109088	4.735	ug/L	97
35) Methylcyclohexane	6.759	83	141935	4.076	ug/L	99
37) 1,2-Dichloropropane	6.788	63	118364	5.025	ug/L	99
38) Bromodichloromethane	7.100	83	148349	5.563	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	163005	5.068	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	705049	56.085	ug/L	99
42) Toluene	7.965	91	461496	5.144	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	140201	5.372	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	85558	5.709	ug/L	95
47) Tetrachloroethene	8.550	164	84106	4.769	ug/L	97
48) 2-Hexanone	8.679	43	508857	54.325	ug/L	98
49) Dibromochloromethane	8.804	129	94380	5.998	ug/L	97
50) 1,2-Dibromoethane	8.920	107	79958	5.812	ug/L	98
51) Chlorobenzene	9.444	112	288136	5.152	ug/L	98
52) Ethylbenzene	9.566	91	480945	4.908	ug/L	100
53) m,p-Xylene	9.692	106	184992	5.139	ug/L	96
54) o-Xylene	10.097	106	182049	5.230	ug/L	96
55) Styrene	10.110	104	309735	5.301	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	108963	5.724	ug/L	98
59) Bromoform	10.286	173	59068	6.161	ug/L	98
60) Isopropylbenzene	10.479	105	485077	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	71273	5.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	378611	4.750	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	386133	4.770	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	235698	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	231318	5.047	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	216957	5.166	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	16996	5.731	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	166336	4.828	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	140484	4.931	ug/L	98
71) Naphthalene	14.081	128	233120	5.032	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	125763	5.138	ug/L	99

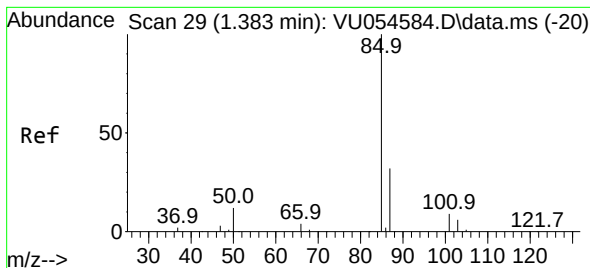
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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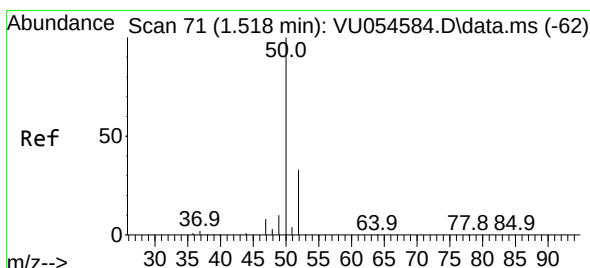
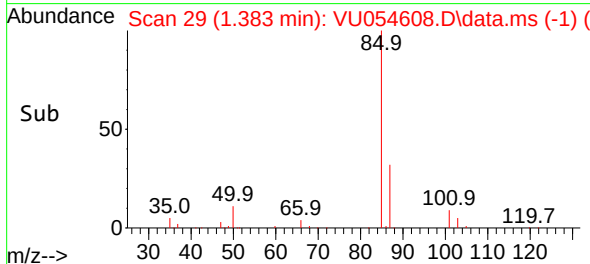
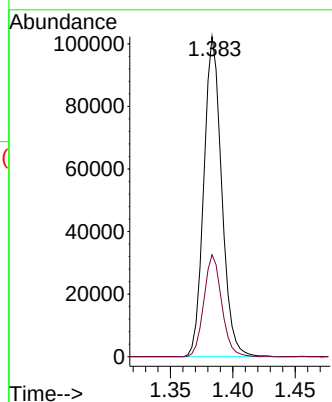
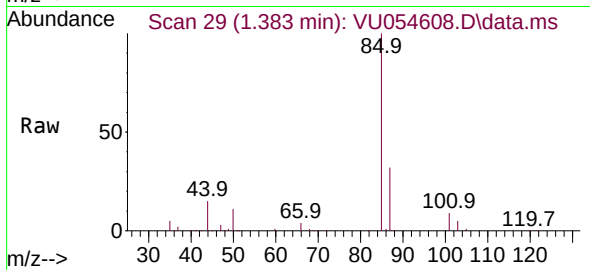




#2
 Dichlorodifluoromethane
 Concen: 4.332 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

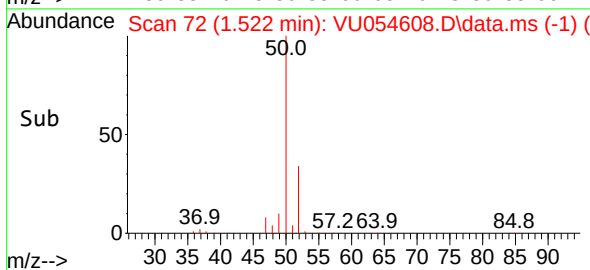
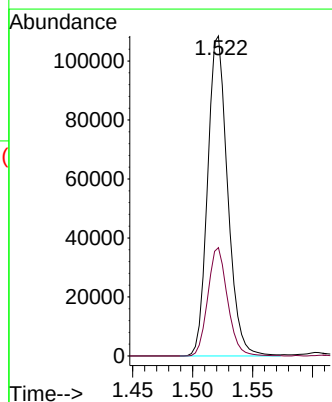
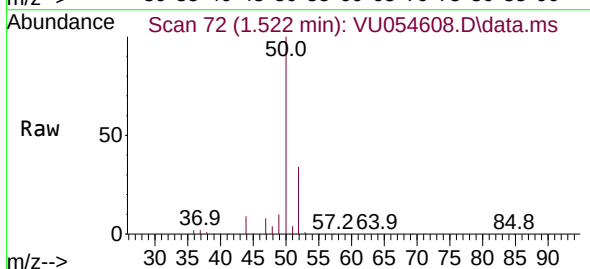
Instrument :
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 ClientSampleId :
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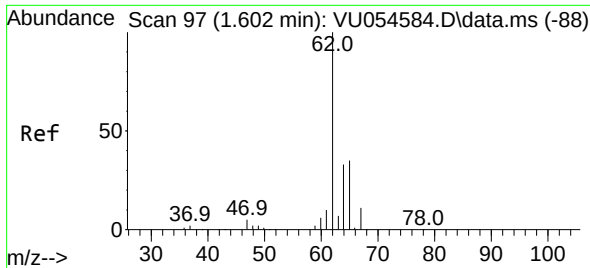
Tgt Ion: 85 Resp: 102131
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.4 38.2



#3
 Chloromethane
 Concen: 4.655 ug/L
 RT: 1.522 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Tgt Ion: 50 Resp: 126057
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.4 43.4

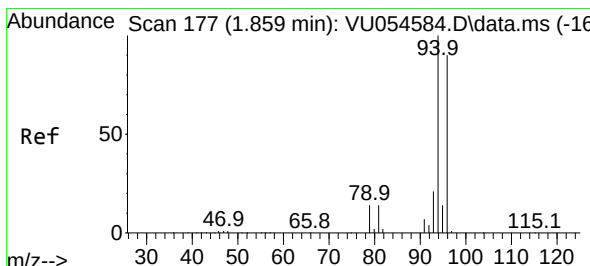
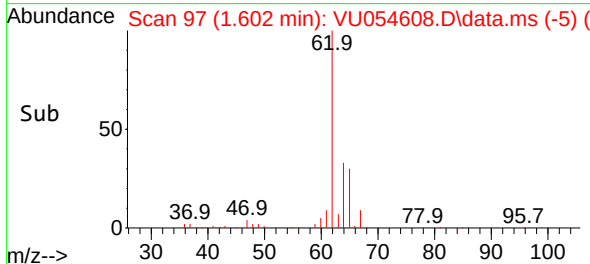
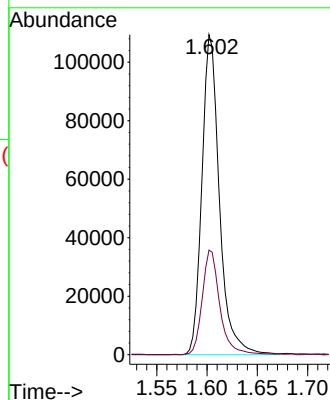
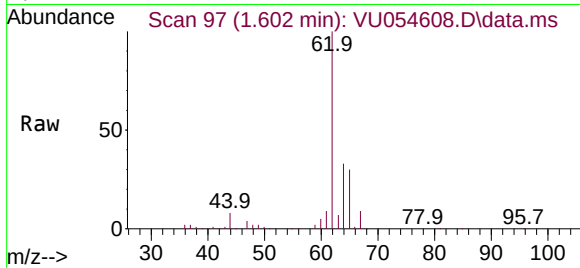




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

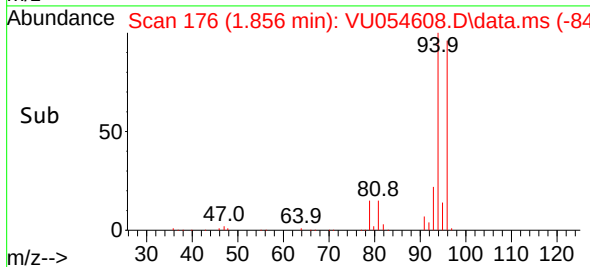
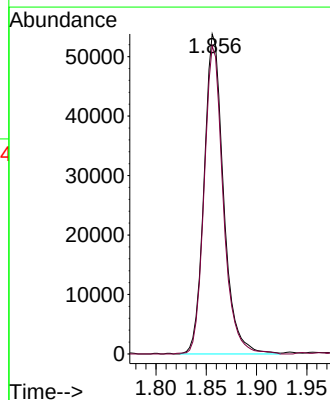
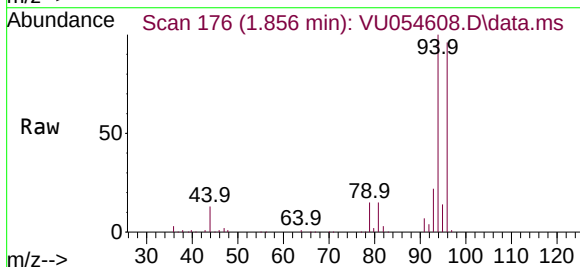
Instrument :
 MSVOA_U
 ClientSampleId :
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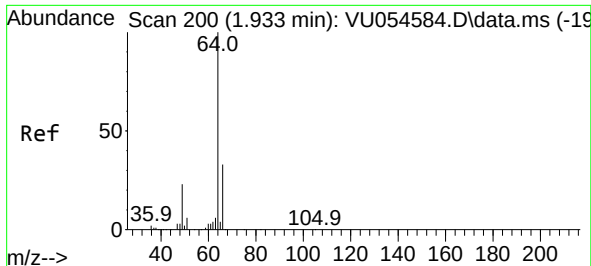
Tgt Ion: 62 Resp: 132365
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 4.752 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Tgt Ion: 94 Resp: 72620
 Ion Ratio Lower Upper
 94 100
 96 96.2 63.6 118.2

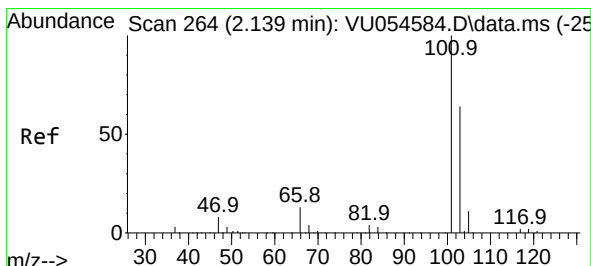
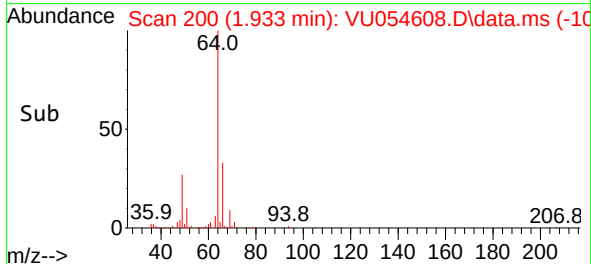
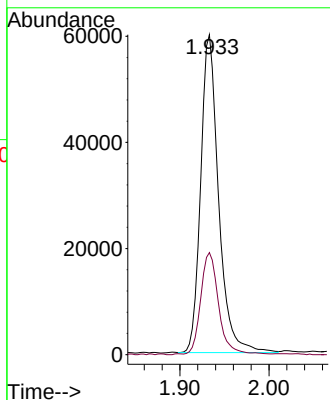
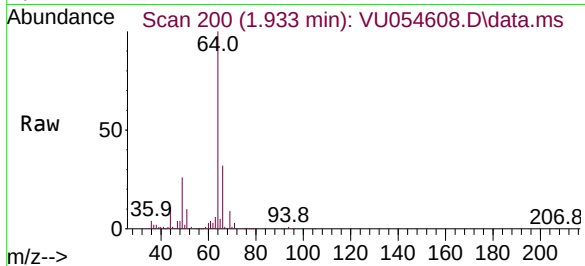




#8
Chloroethane
Concen: 5.023 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

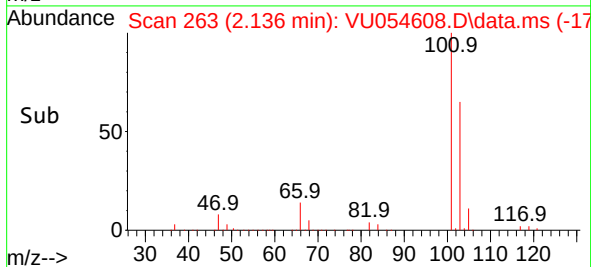
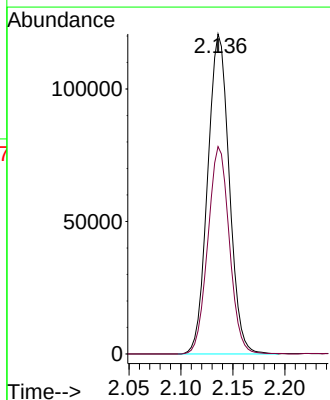
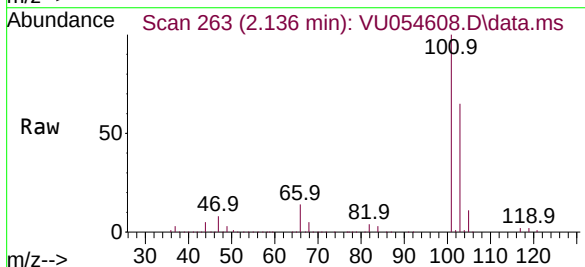
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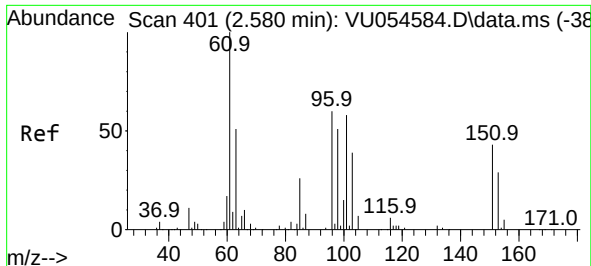
Tgt Ion: 64 Resp: 83702
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.098 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion:101 Resp: 174228
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

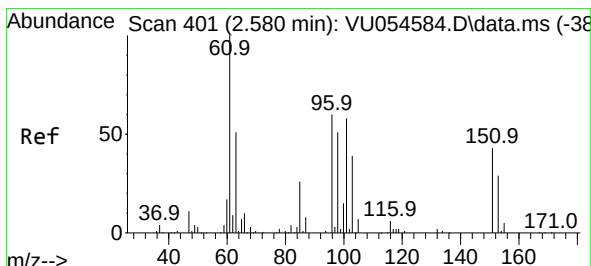
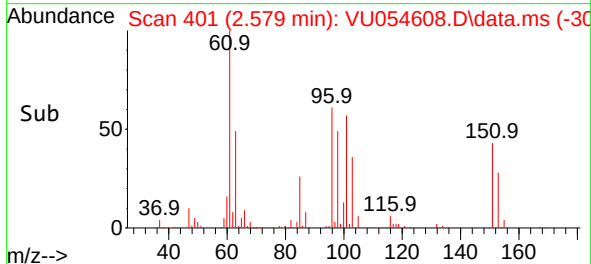
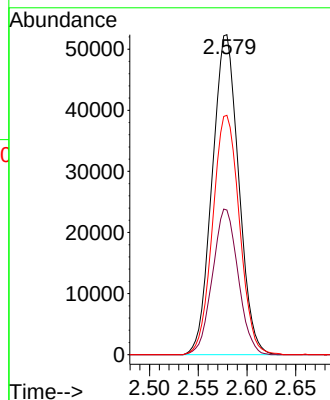
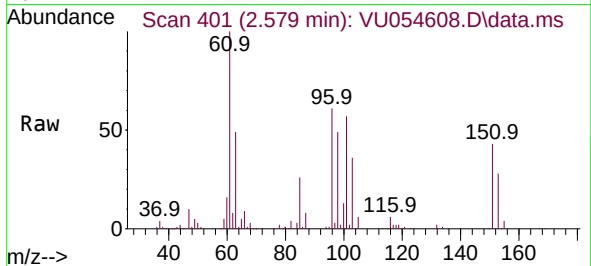




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.950 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
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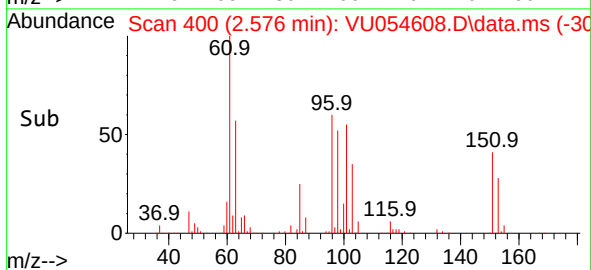
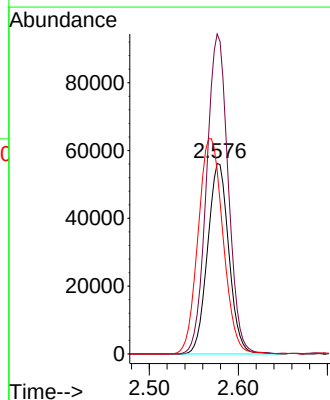
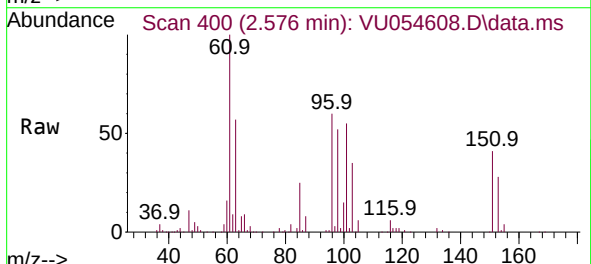
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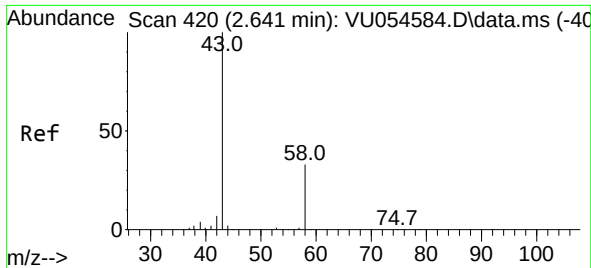
Tgt Ion:101 Resp: 98967
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 75.8 57.7 86.5



#12
1,1-Dichloroethene
Concen: 5.081 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 96 Resp: 92981
Ion Ratio Lower Upper
96 100
61 167.9 119.9 222.7
63 96.4 64.3 119.3





#13

Acetone

Concen: 45.158 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU054608.D

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Instrument :

MSVOA_U

ClientSampleId :

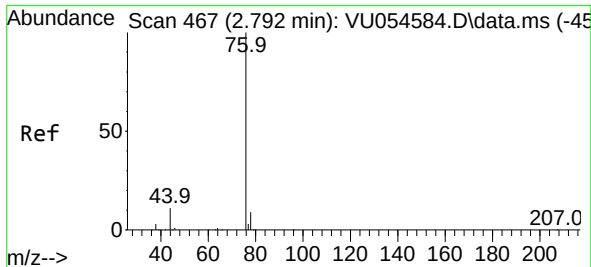
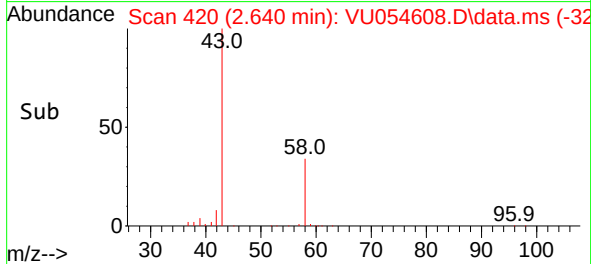
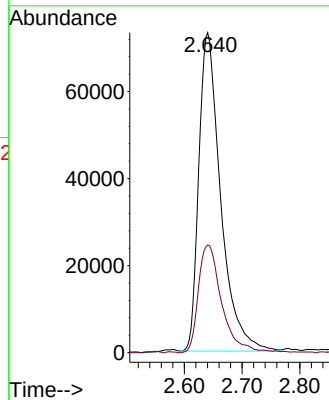
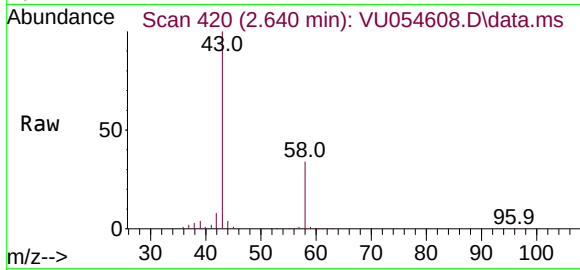
DCGW7MS

Tgt Ion: 43 Resp: 192225

Ion Ratio Lower Upper

43 100

58 35.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.848 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

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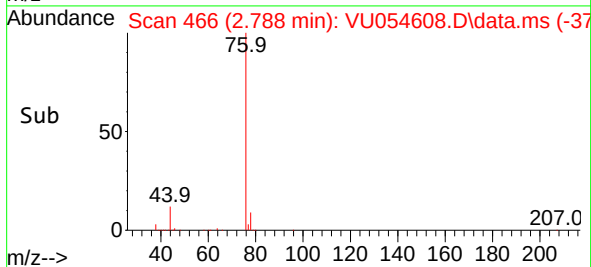
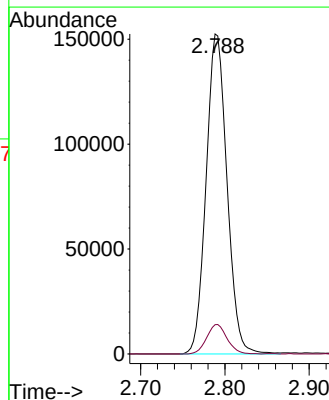
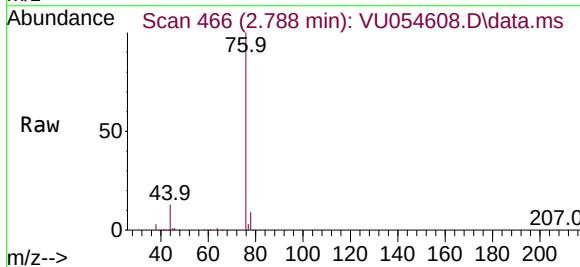
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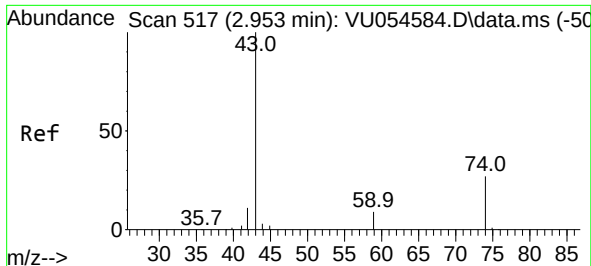
Tgt Ion: 76 Resp: 263104

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

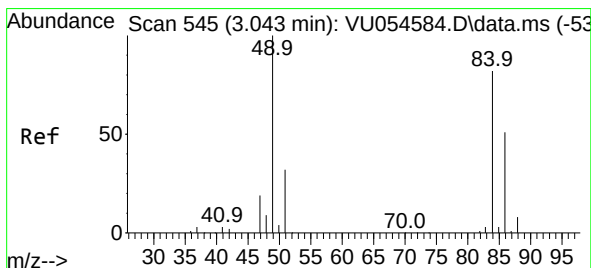
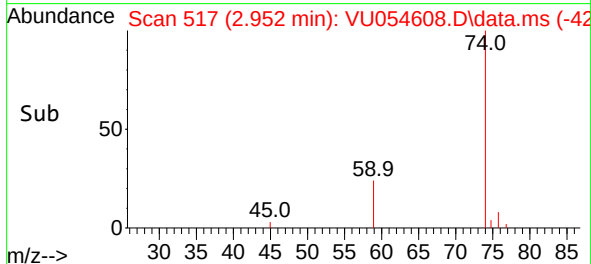
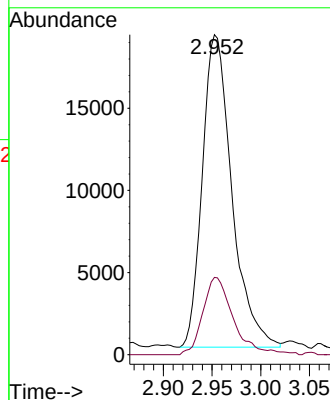
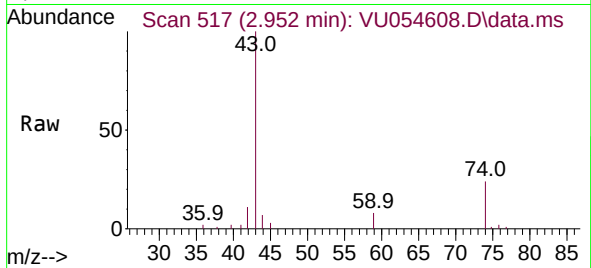




#15
Methyl Acetate
Concen: 5.089 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

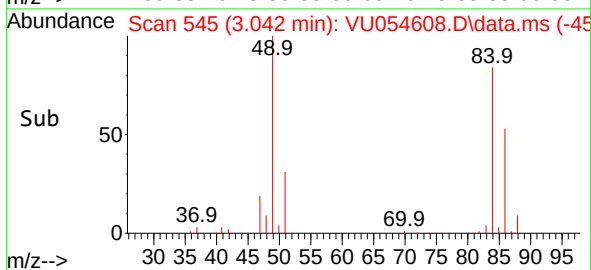
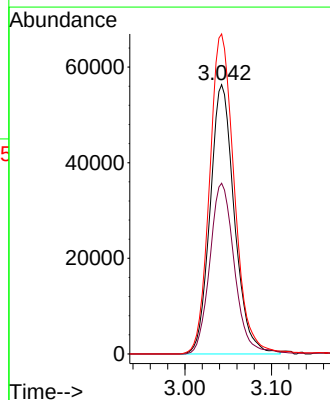
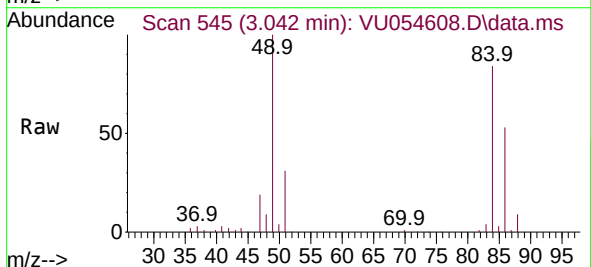
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

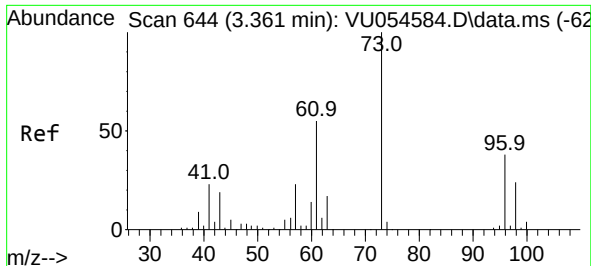
Tgt Ion: 43 Resp: 40146
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6



#16
Methylene chloride
Concen: 4.259 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 84 Resp: 109589
Ion Ratio Lower Upper
84 100
86 63.4 43.9 81.5
49 118.8 86.1 159.9

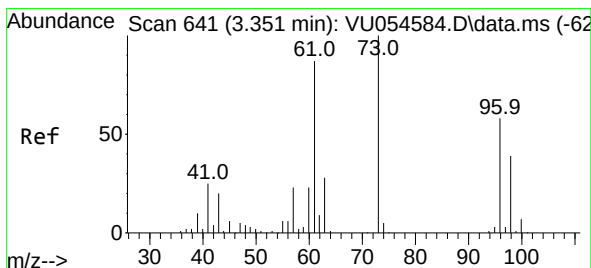
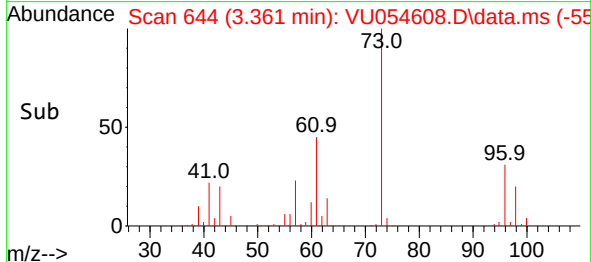
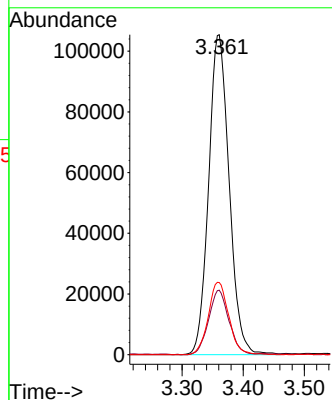
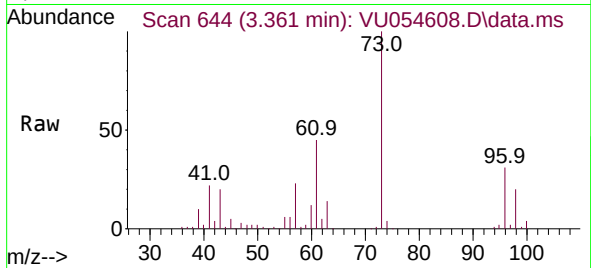




#17
Methyl tert-butyl Ether
Concen: 5.446 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

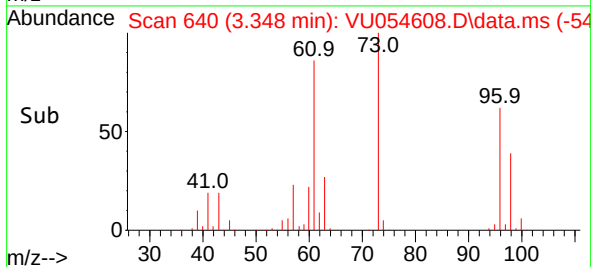
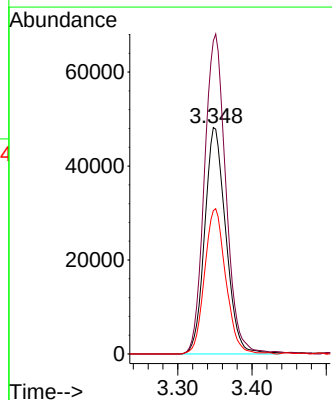
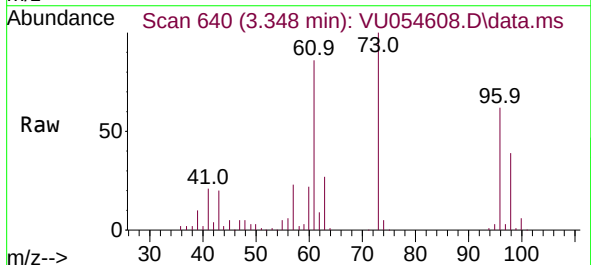
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

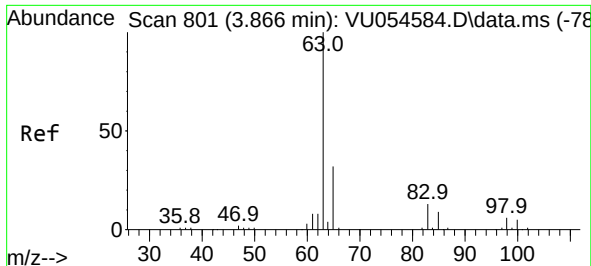
Tgt Ion: 73 Resp: 245993
Ion Ratio Lower Upper
73 100
43 20.0 15.7 23.5
57 22.6 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 96 Resp: 95434
Ion Ratio Lower Upper
96 100
61 138.3 104.6 194.2
98 63.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.228 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

DCGW7MS

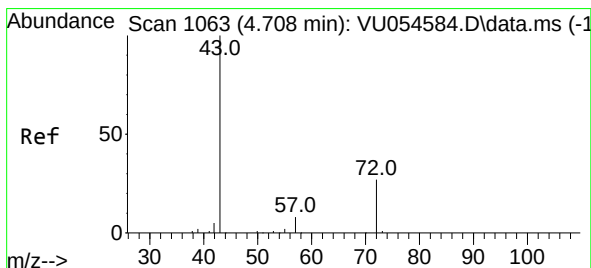
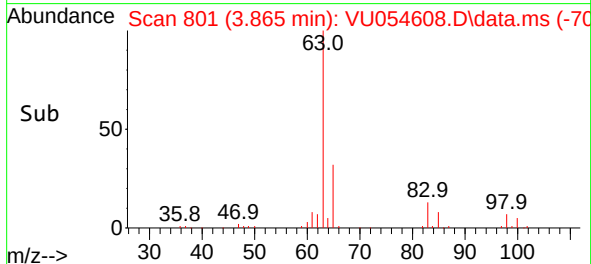
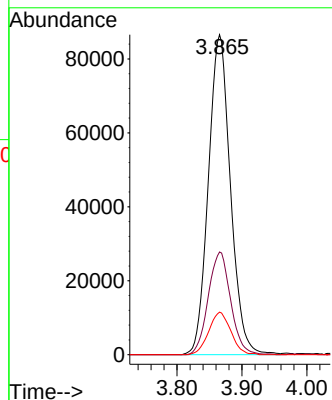
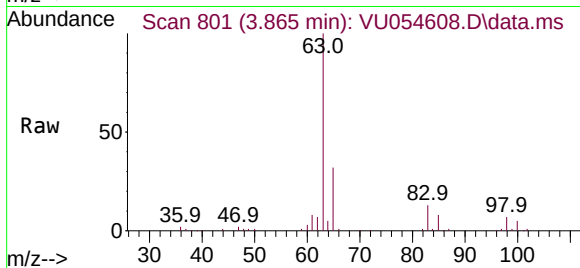
Tgt Ion: 63 Resp: 204439

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 13.3 9.0 16.6



#21

2-Butanone

Concen: 53.739 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU054608.D

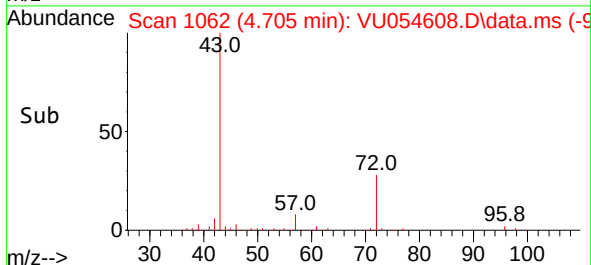
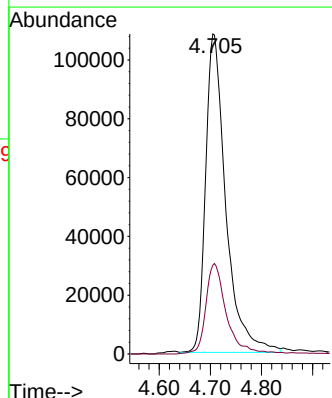
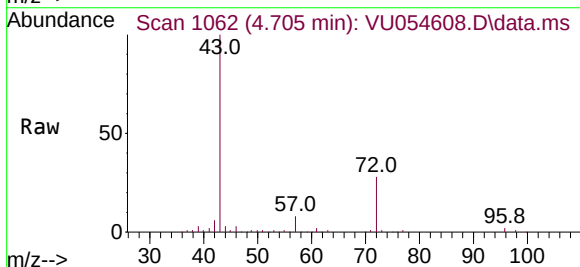
Acq: 19 Jun 2023 19:59

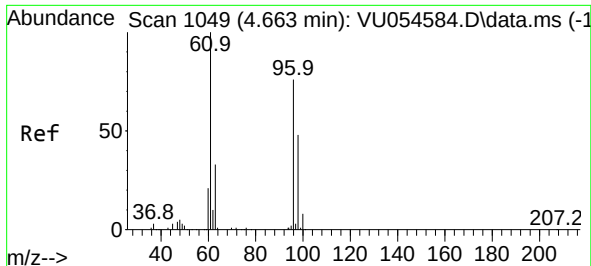
Tgt Ion: 43 Resp: 296876

Ion Ratio Lower Upper

43 100

72 28.6 13.4 40.1

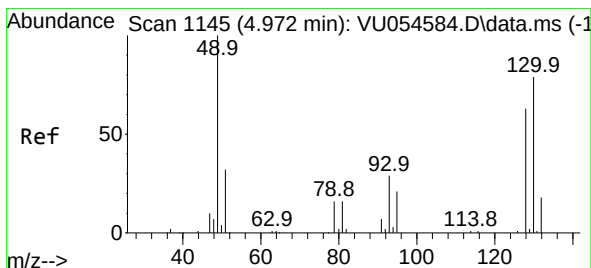
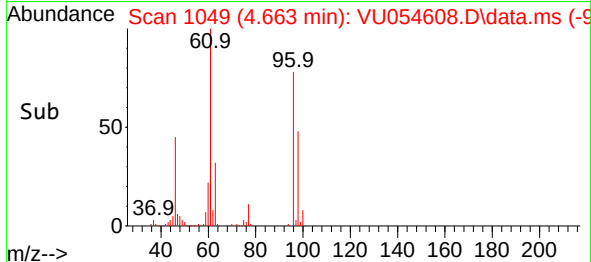
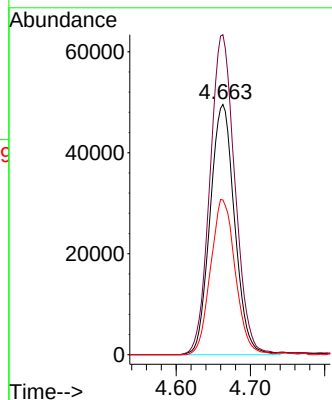
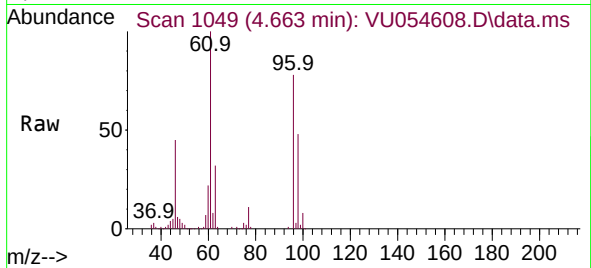




#22
cis-1,2-Dichloroethene
Concen: 5.294 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

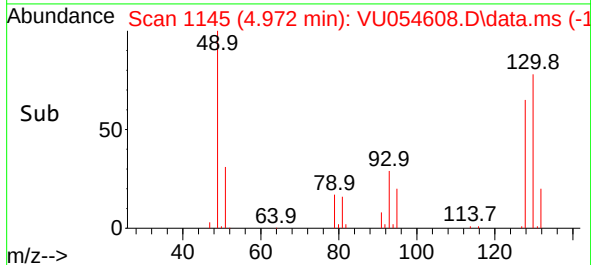
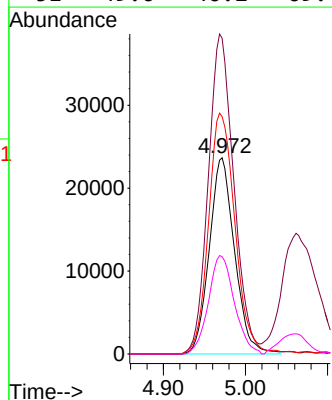
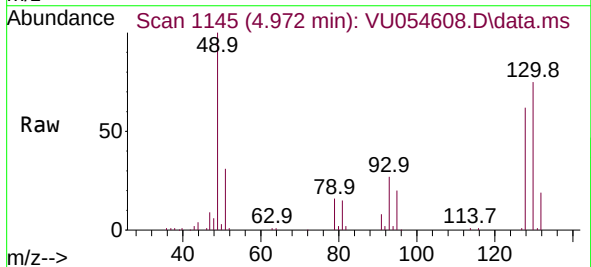
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

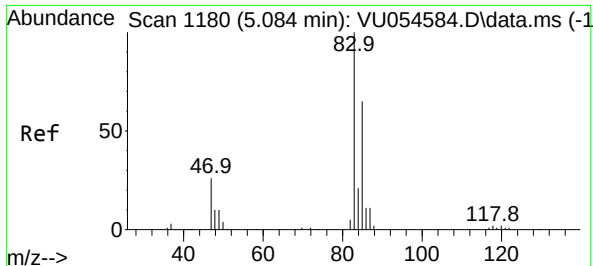
Tgt Ion: 96 Resp: 113897
Ion Ratio Lower Upper
96 100
61 127.8 96.5 179.1
98 61.8 44.9 83.3



#23
Bromochloromethane
Concen: 5.653 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 128 Resp: 50612
Ion Ratio Lower Upper
128 100
49 160.9 132.1 245.3
130 121.0 91.5 169.9
51 49.6 46.2 69.4





#25

Chloroform

Concen: 5.419 ug/L

RT: 5.084 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

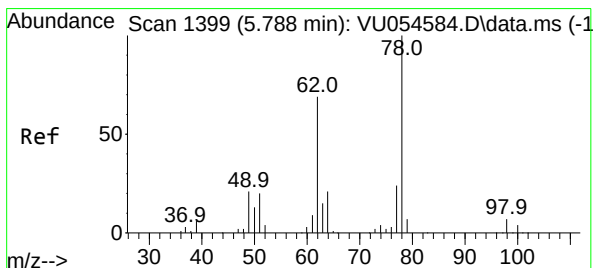
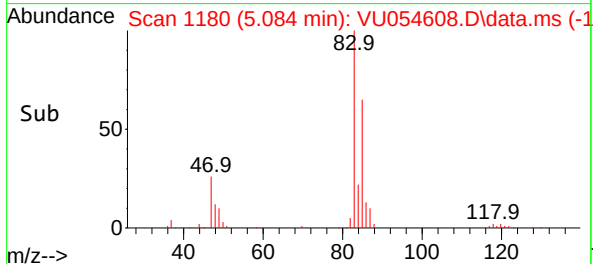
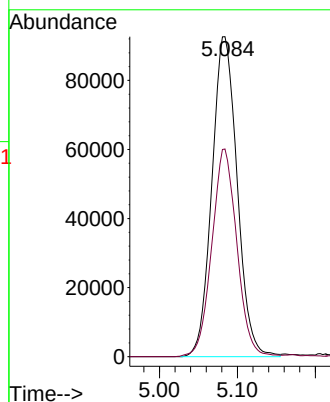
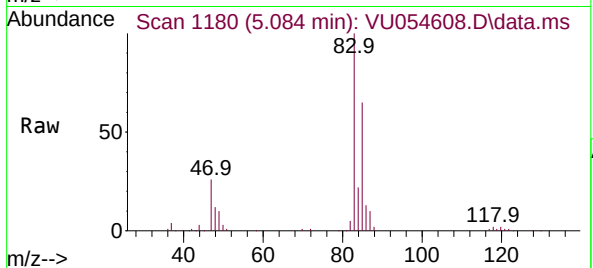
DCGW7MS

Tgt Ion: 83 Resp: 208883

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.424 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU054608.D

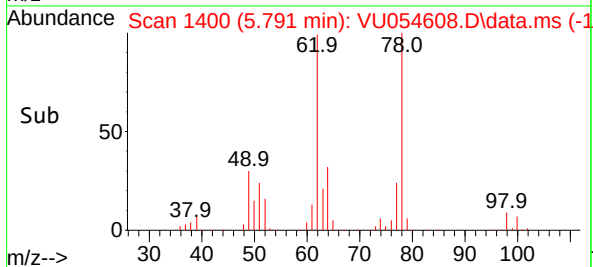
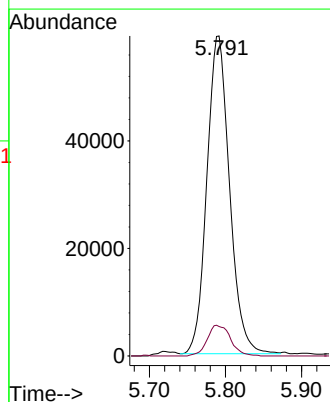
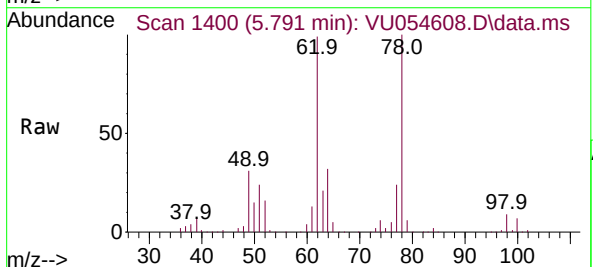
Acq: 19 Jun 2023 19:59

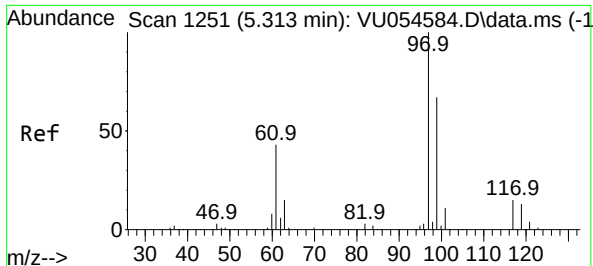
Tgt Ion: 62 Resp: 122552

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6

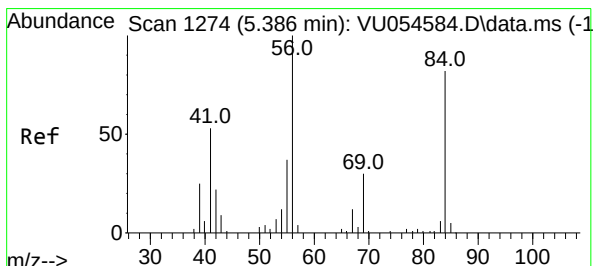
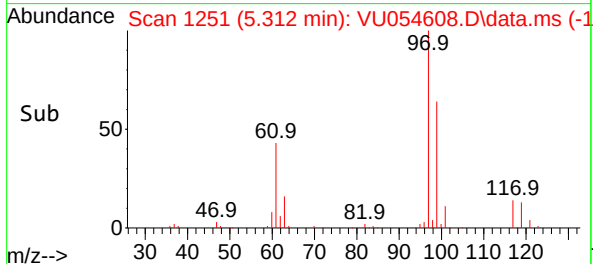
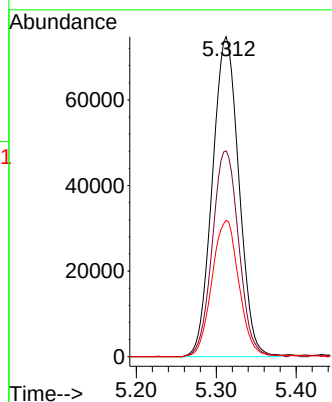
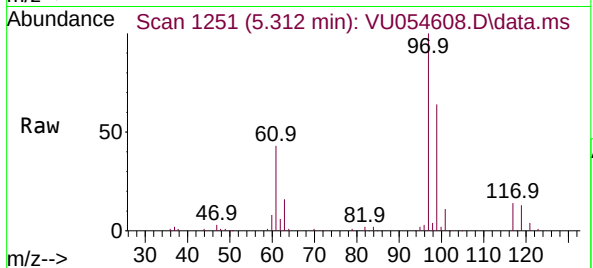




#29
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

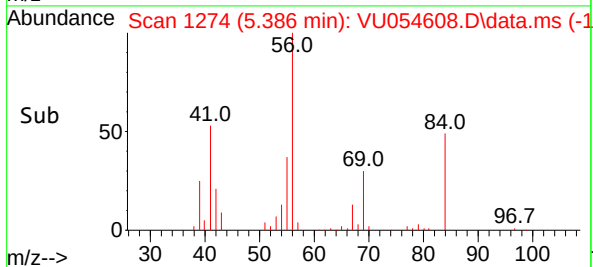
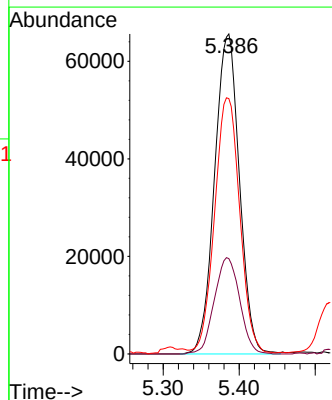
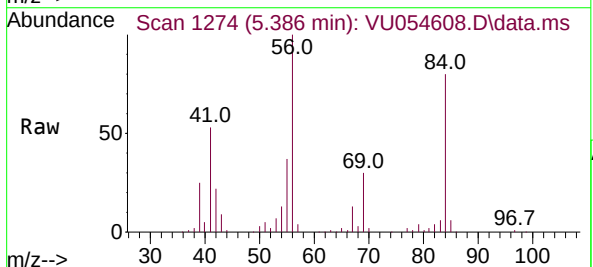
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

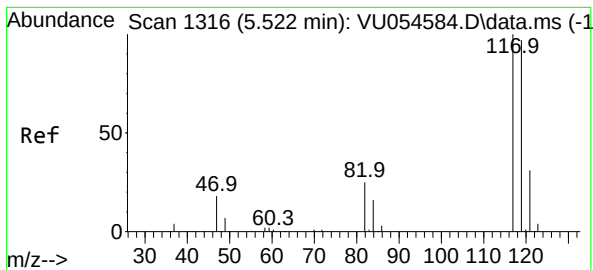
Tgt Ion:	97	Resp:	172228
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	43.4	36.1	54.1



#30
Cyclohexane
Concen: 4.161 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion:	56	Resp:	148989
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.9	35.9
84	80.7	63.0	94.6

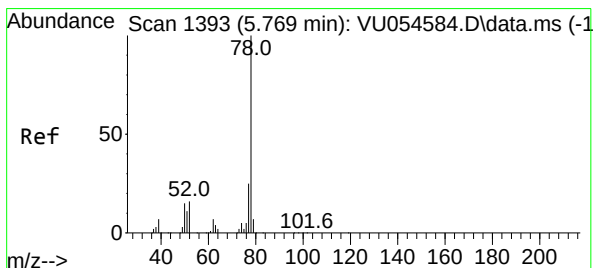
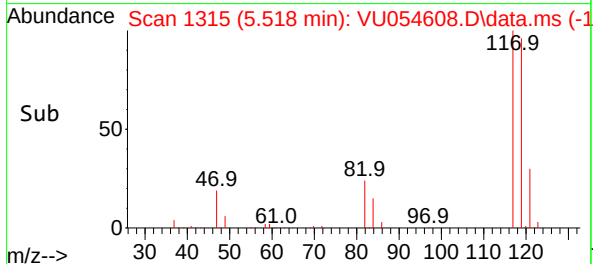
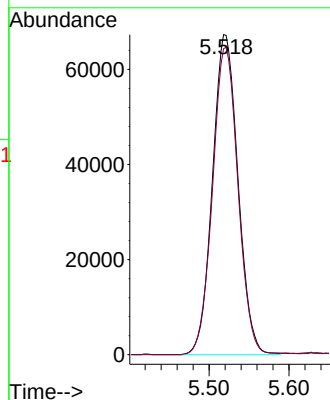
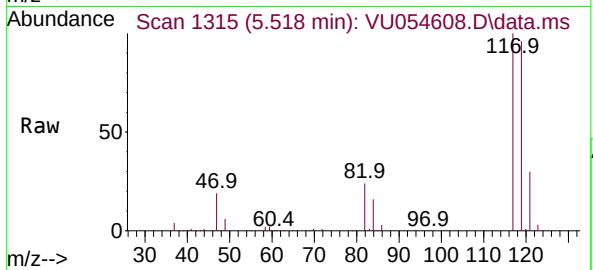




#31
Carbon tetrachloride
Concen: 5.260 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

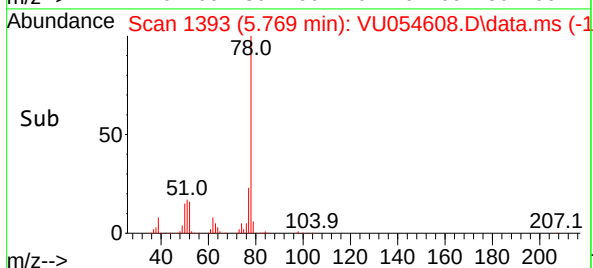
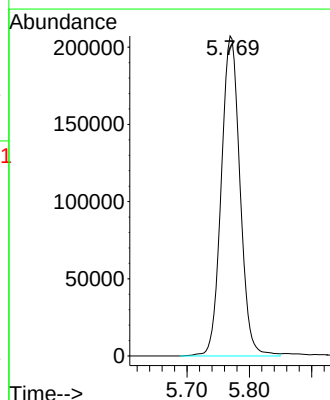
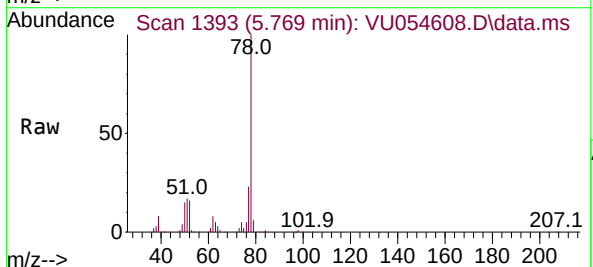
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

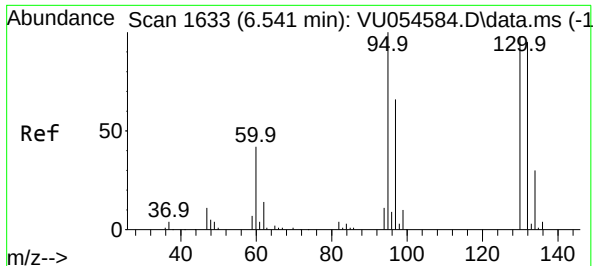
Tgt Ion:117 Resp: 148985
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 4.962 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 78 Resp: 432295

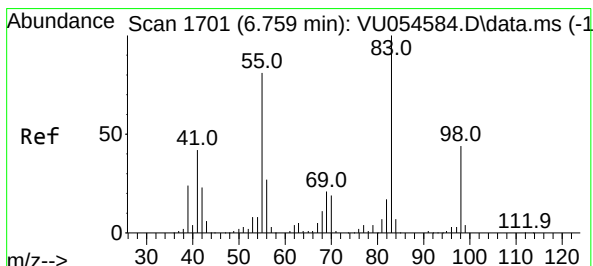
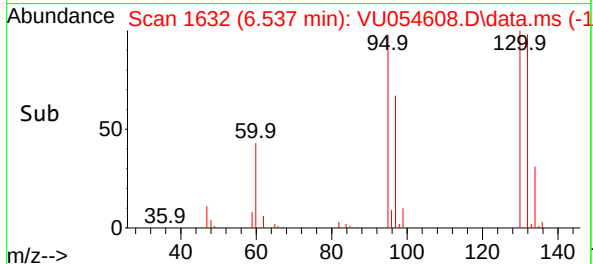
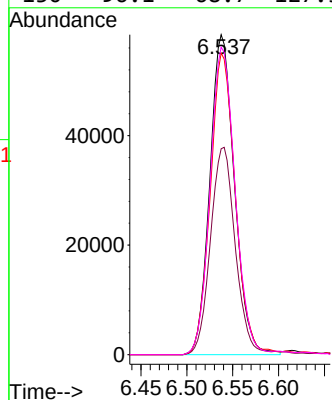
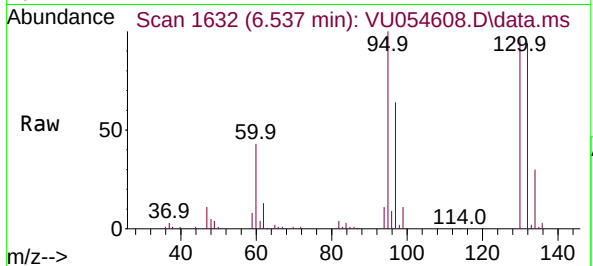




#34
Trichloroethene
Concen: 4.735 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

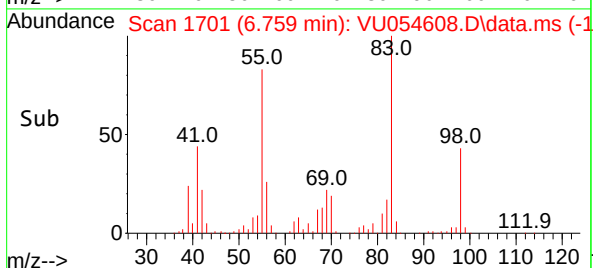
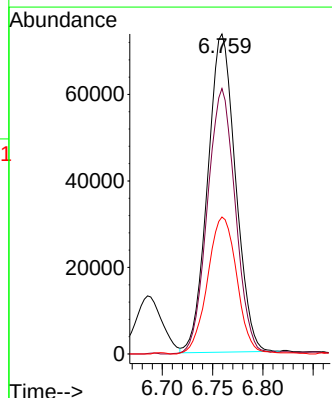
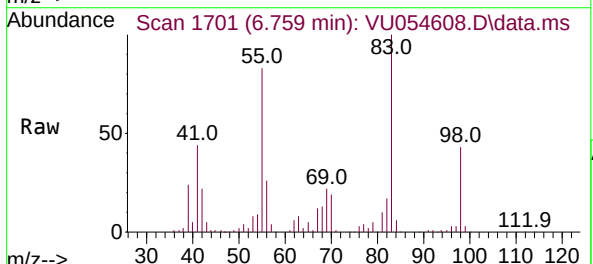
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

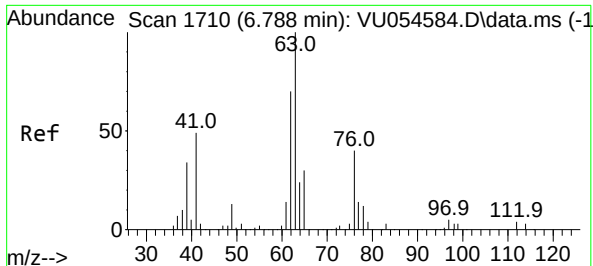
Tgt Ion: 95 Resp: 109088
Ion Ratio Lower Upper
95 100
97 64.4 46.8 87.0
132 94.3 68.4 127.0
130 96.1 68.7 127.5



#35
Methylcyclohexane
Concen: 4.076 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 83 Resp: 141935
Ion Ratio Lower Upper
83 100
55 83.7 67.1 100.7
98 45.4 35.1 52.7





#37

1,2-Dichloropropane

Concen: 5.025 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

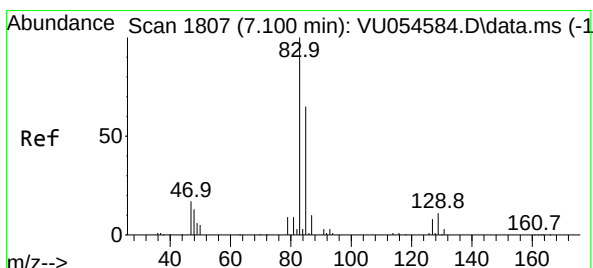
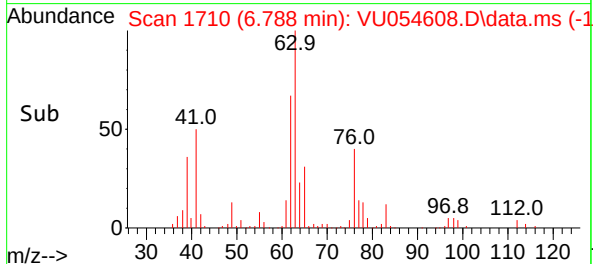
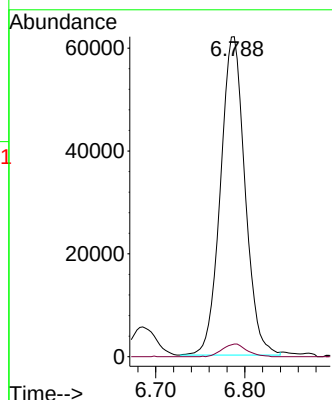
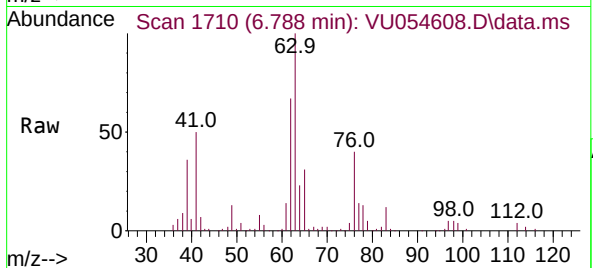
DCGW7MS

Tgt Ion: 63 Resp: 118364

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 5.563 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

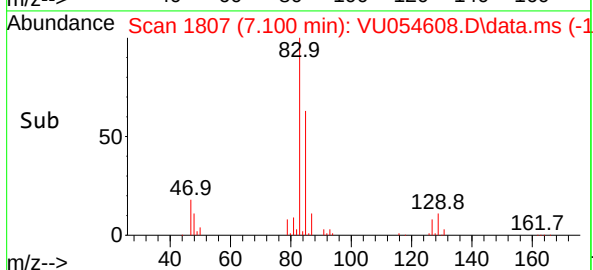
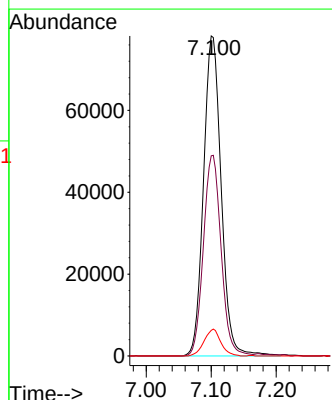
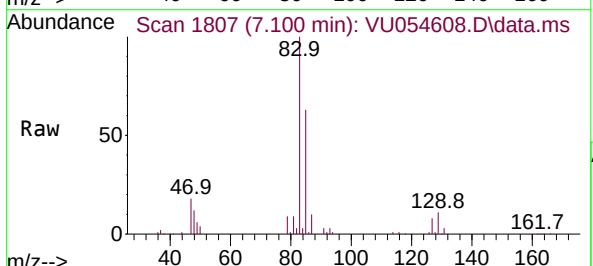
Tgt Ion: 83 Resp: 148349

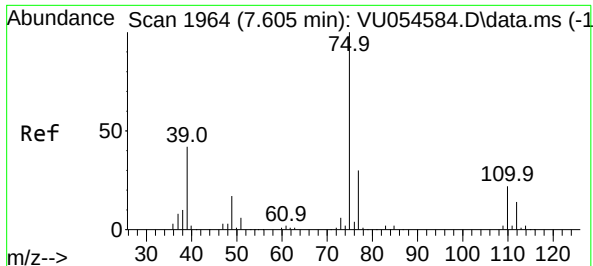
Ion Ratio Lower Upper

83 100

85 62.5 44.1 81.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.068 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

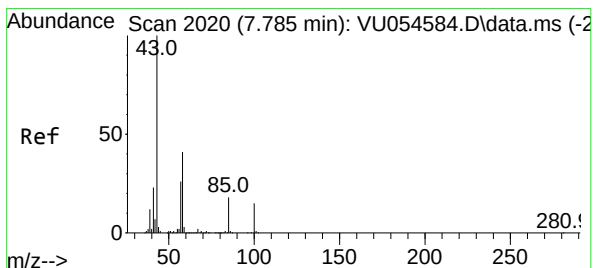
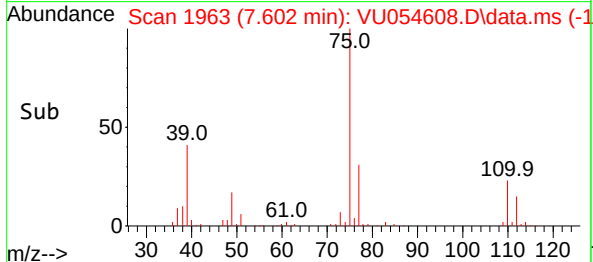
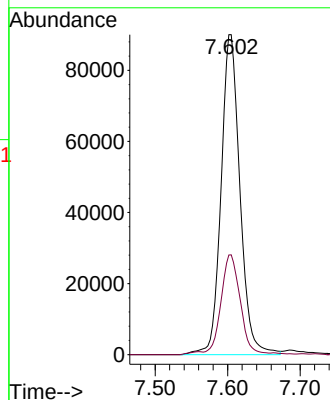
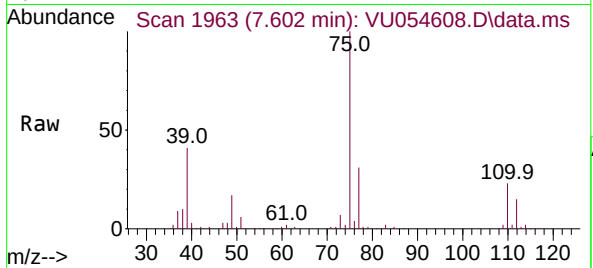
DCGW7MS

Tgt Ion: 75 Resp: 163005

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 56.085 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

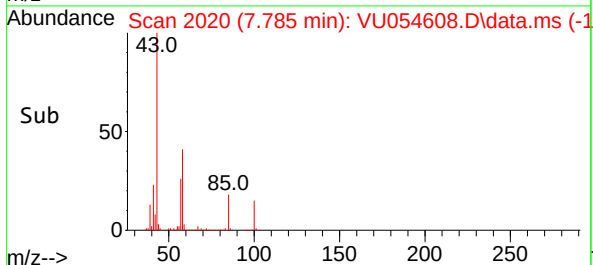
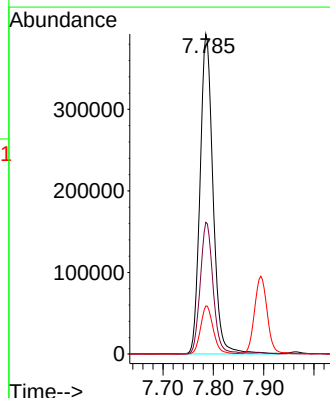
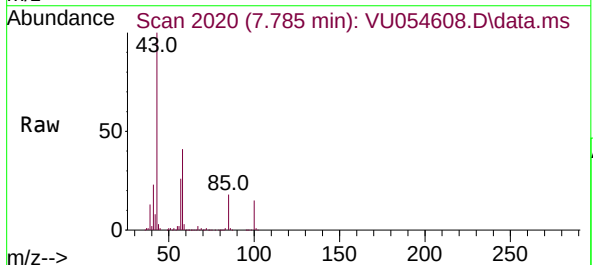
Tgt Ion: 43 Resp: 705049

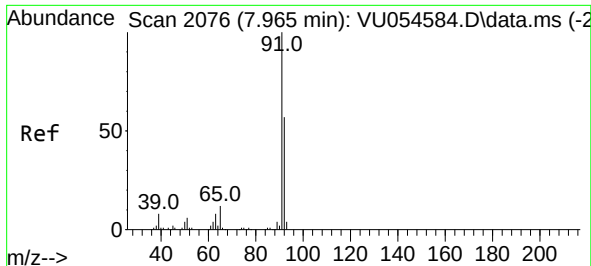
Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6

100 14.6 11.4 17.2





#42

Toluene

Concen: 5.144 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

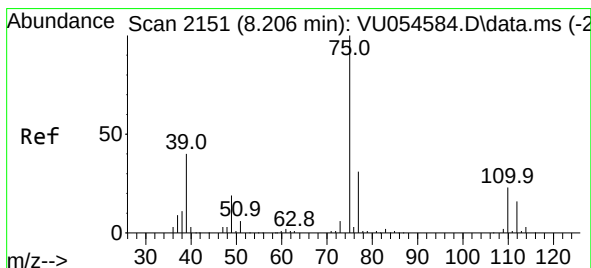
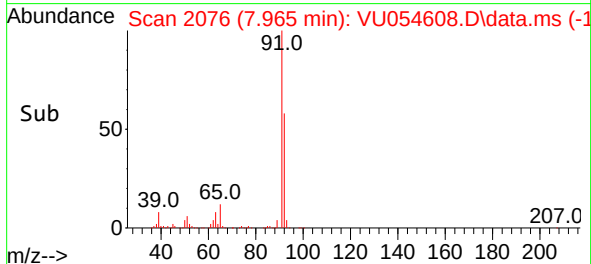
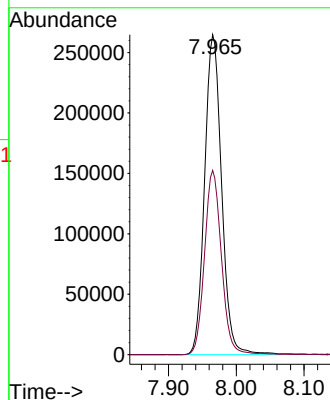
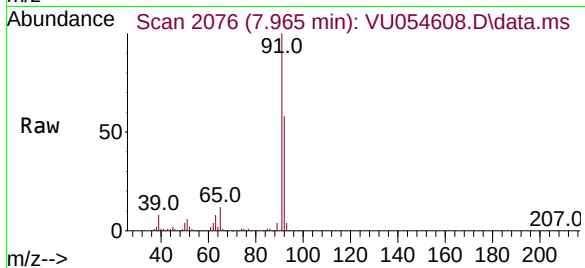
DCGW7MS

Tgt Ion: 91 Resp: 461496

Ion Ratio Lower Upper

91 100

92 57.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.372 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU054608.D

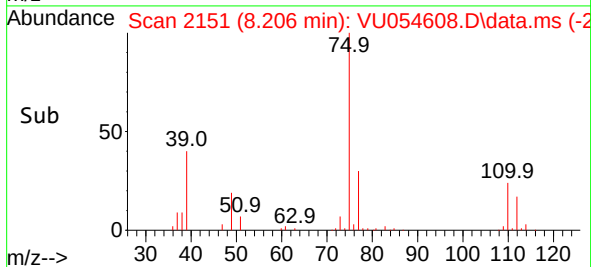
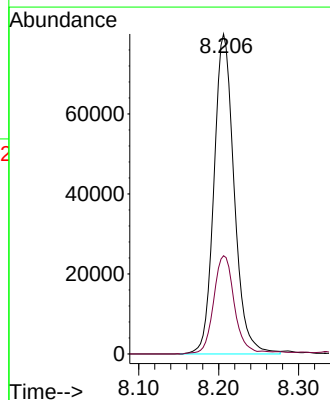
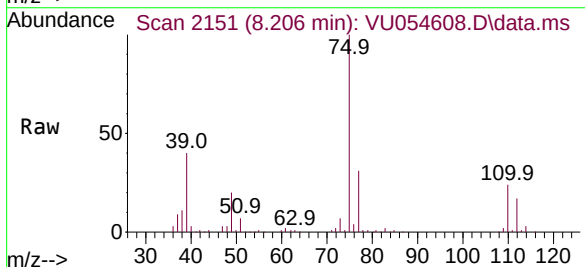
Acq: 19 Jun 2023 19:59

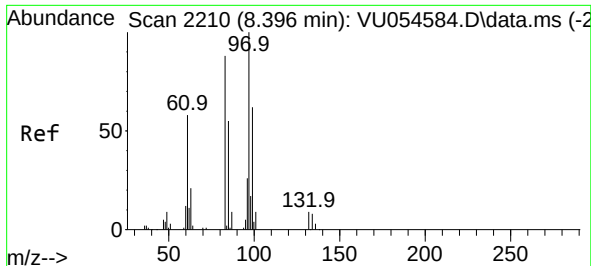
Tgt Ion: 75 Resp: 140201

Ion Ratio Lower Upper

75 100

77 30.7 21.3 39.6

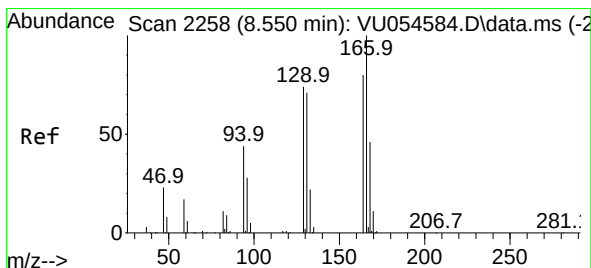
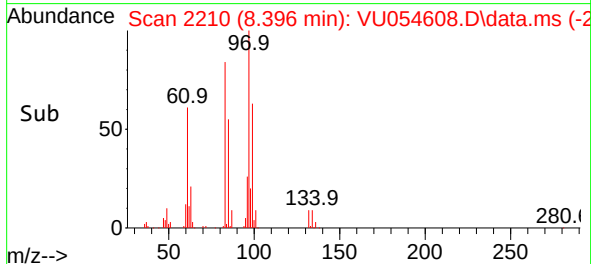
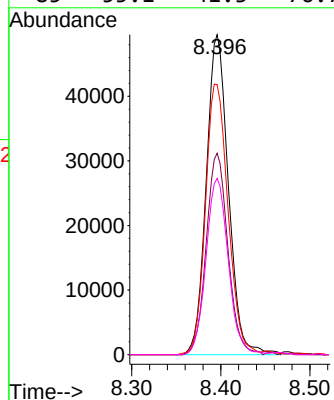
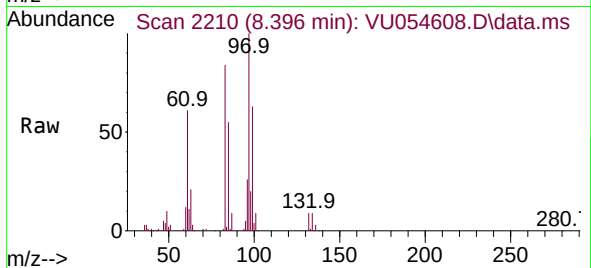




#45
1,1,2-Trichloroethane
Concen: 5.709 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

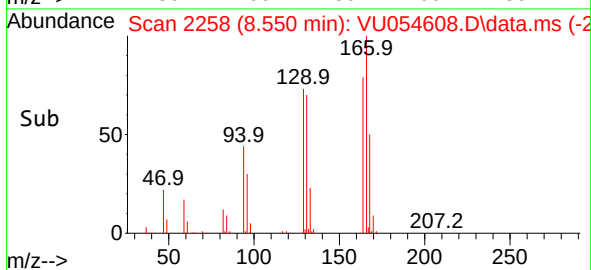
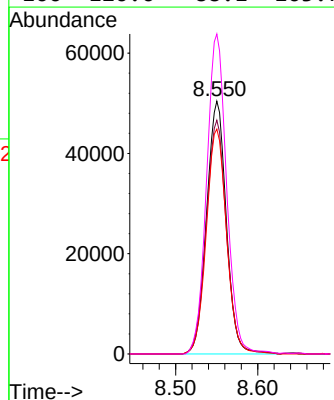
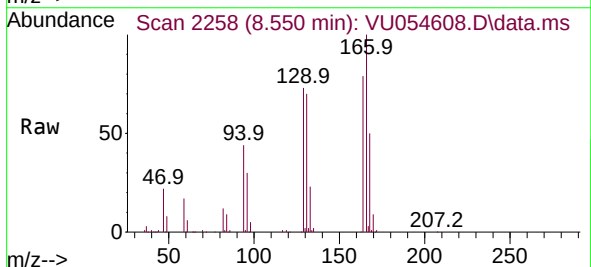
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

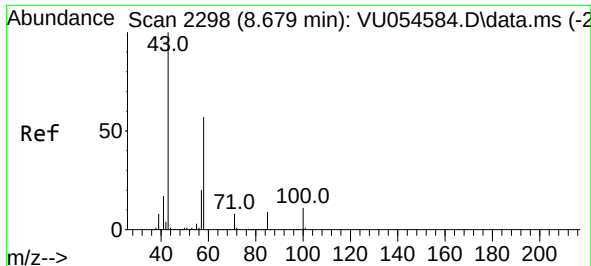
Tgt Ion: 97	Resp: 85558
Ion Ratio	Lower Upper
97 100	
99 63.0	43.0 80.0
83 84.4	63.8 118.6
85 55.1	41.3 76.7



#47
Tetrachloroethene
Concen: 4.769 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt	Ion:164	Resp:	84106
Ion	Ratio	Lower	Upper
164	100		
129	92.5	67.7	125.7
131	89.0	64.6	120.0
166	126.6	88.1	163.7



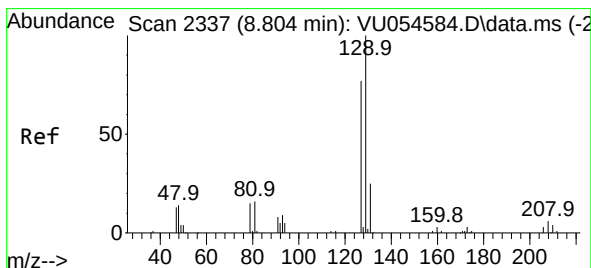
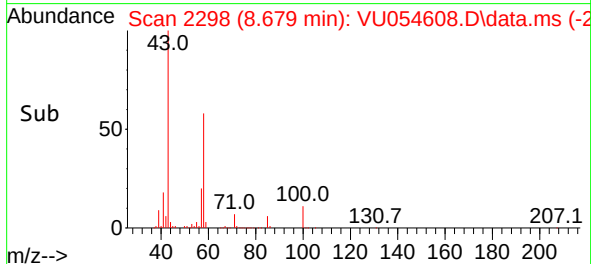
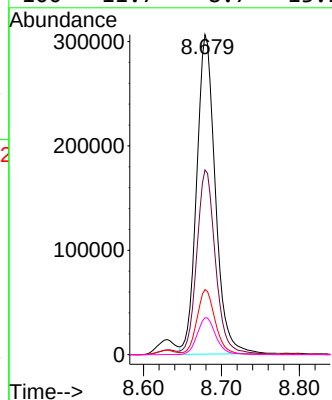
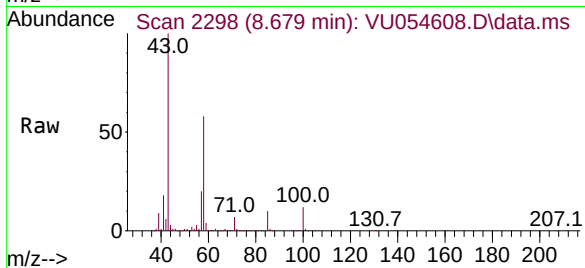


#48
2-Hexanone
Concen: 54.325 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

Tgt Ion: 43 Resp: 508857

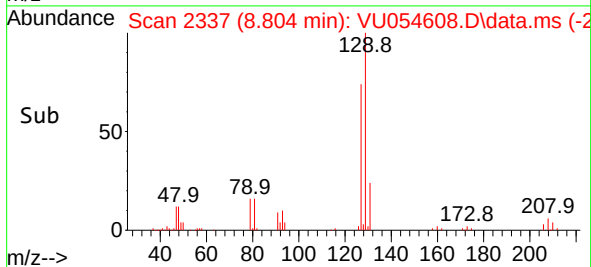
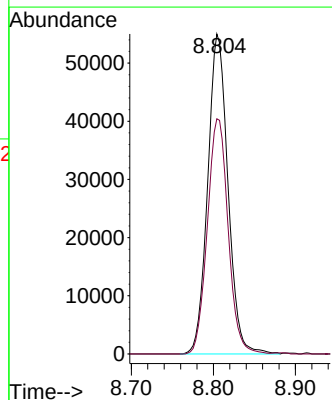
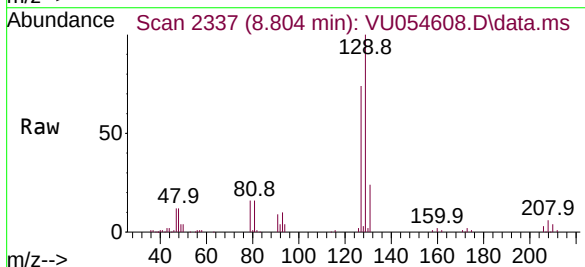
Ion	Ratio	Lower	Upper
43	100		
58	58.2	45.2	67.8
57	19.9	15.8	23.6
100	11.7	8.7	13.1

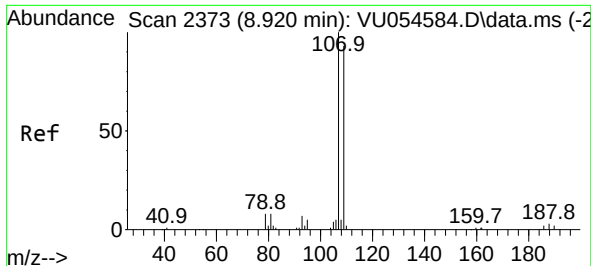


#49
Dibromochloromethane
Concen: 5.998 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 129 Resp: 94380

Ion	Ratio	Lower	Upper
129	100		
127	73.5	53.2	98.8

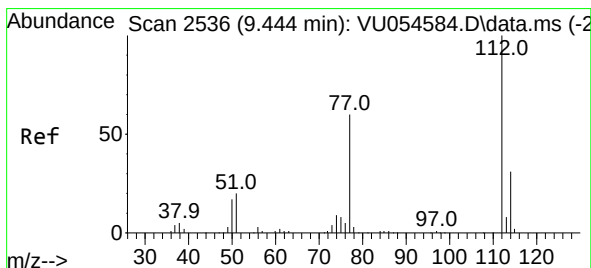
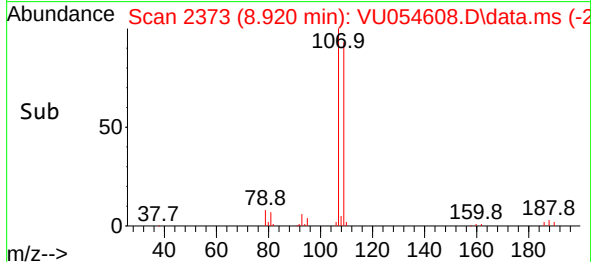
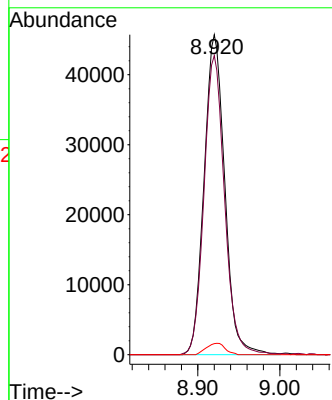
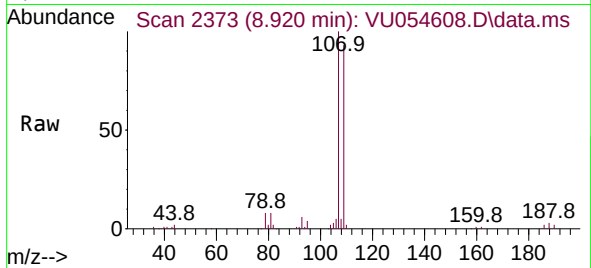




#50
1,2-Dibromoethane
Concen: 5.812 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

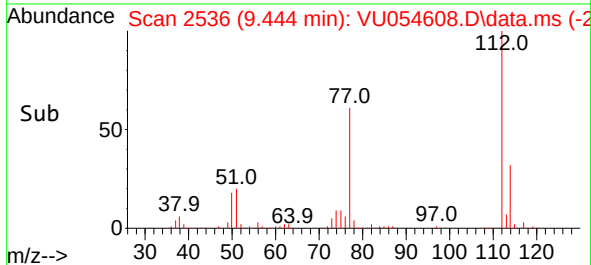
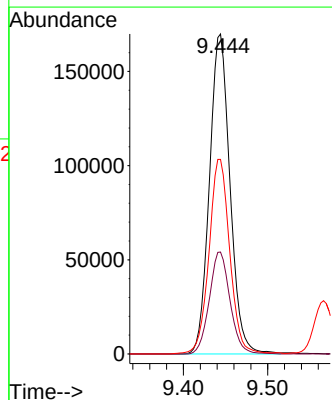
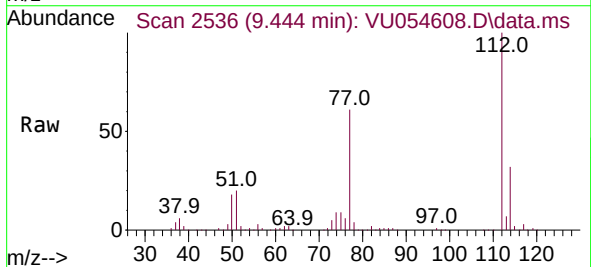
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

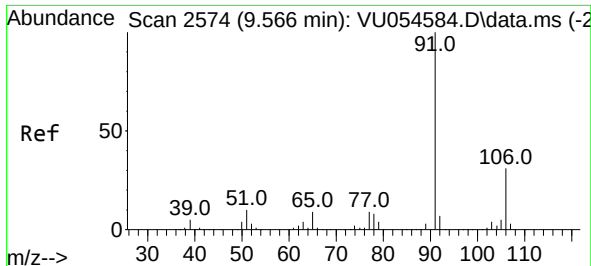
Tgt Ion:	107	Resp:	79958
Ion	Ratio	Lower	Upper
107	100		
109	93.5	66.6	123.6
188	3.4	3.1	4.7



#51
Chlorobenzene
Concen: 5.152 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion:	112	Resp:	288136
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	60.8	49.8	74.8

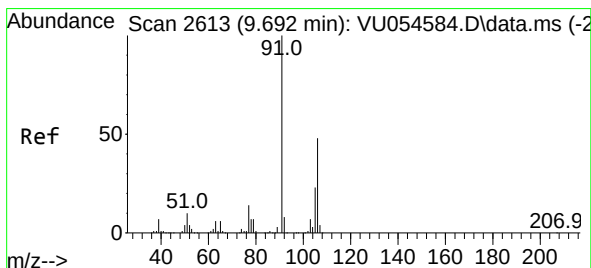
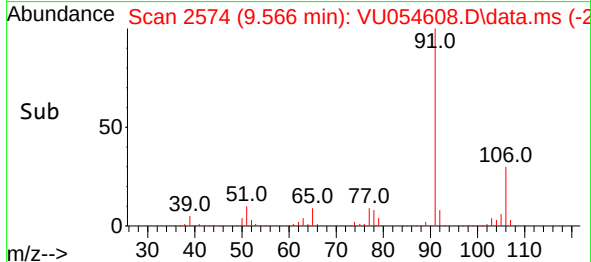
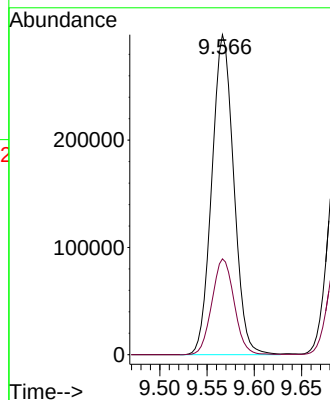
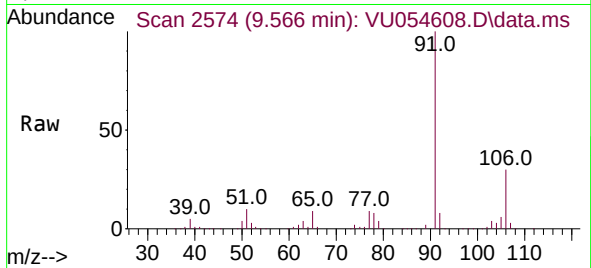




#52
Ethylbenzene
Concen: 4.908 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

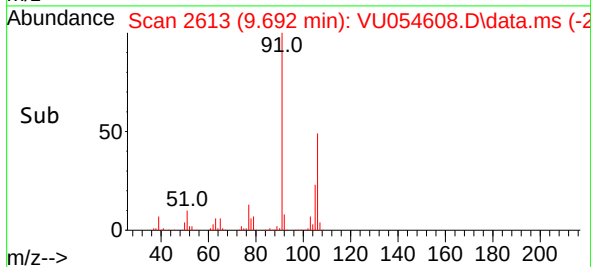
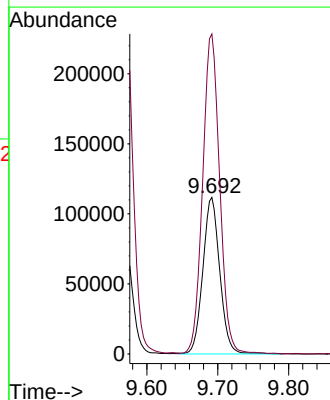
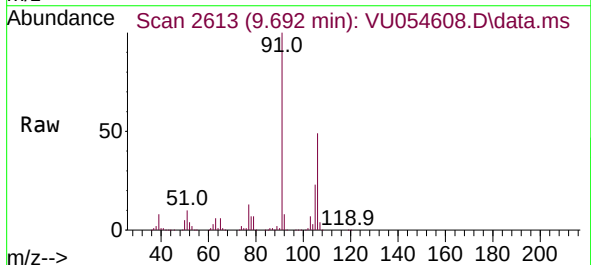
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

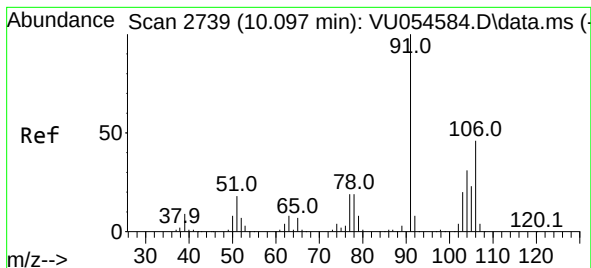
Tgt Ion: 91 Resp: 480945
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#53
m,p-Xylene
Concen: 5.139 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 106 Resp: 184992
Ion Ratio Lower Upper
106 100
91 204.5 147.0 273.0





#54

o-Xylene

Concen: 5.230 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

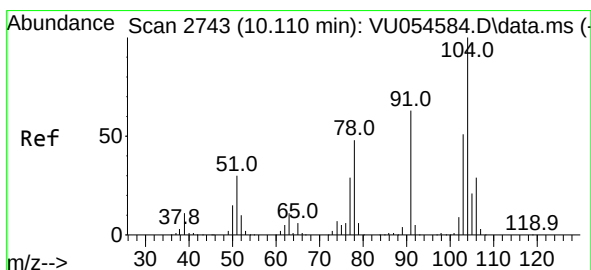
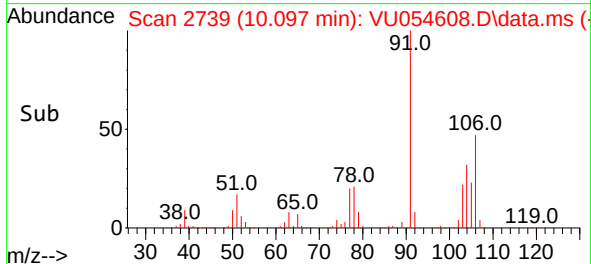
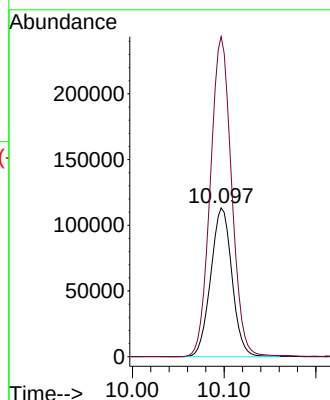
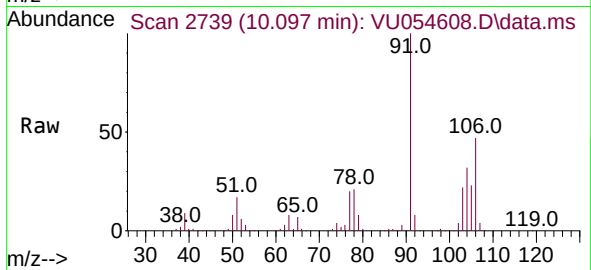
DCGW7MS

Tgt Ion:106 Resp: 182049

Ion Ratio Lower Upper

106 100

91 215.0 154.5 286.9



#55

Styrene

Concen: 5.301 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU054608.D

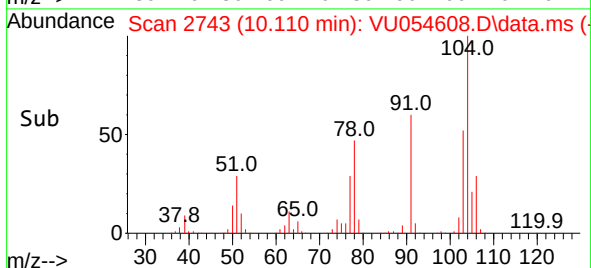
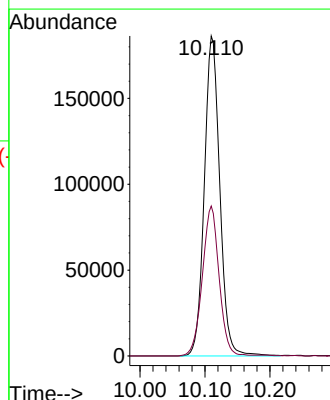
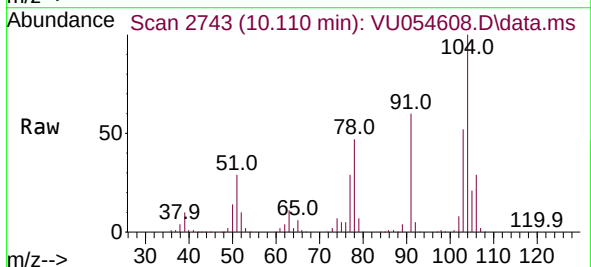
Acq: 19 Jun 2023 19:59

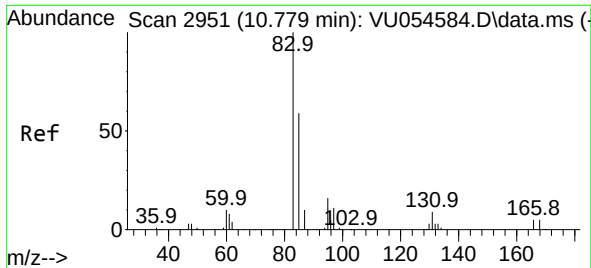
Tgt Ion:104 Resp: 309735

Ion Ratio Lower Upper

104 100

78 46.9 33.0 61.4



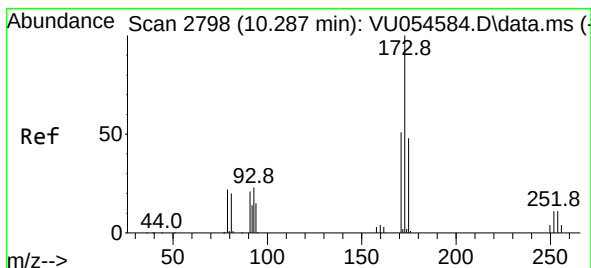
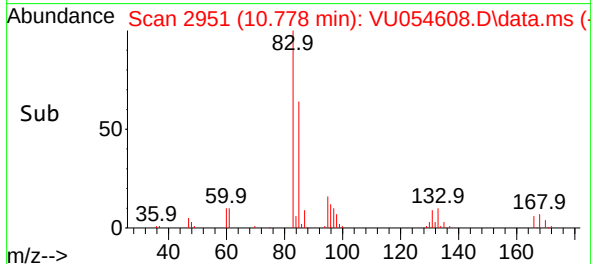
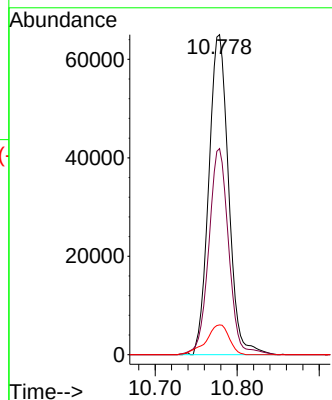
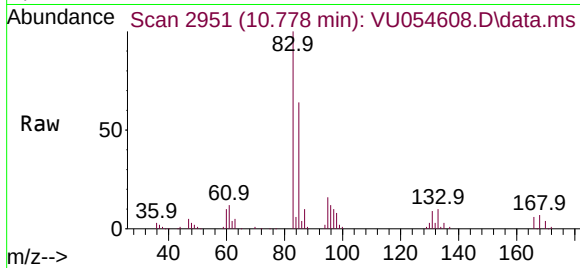


#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.724 ug/L
 RT: 10.778 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MS

Tgt Ion: 83 Resp: 108963

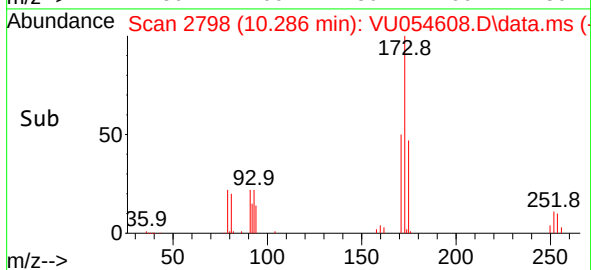
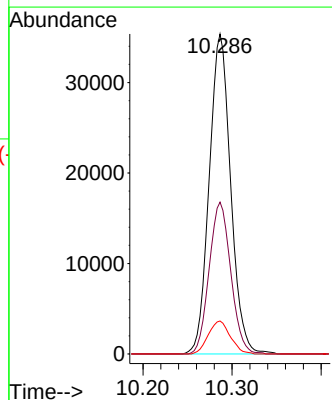
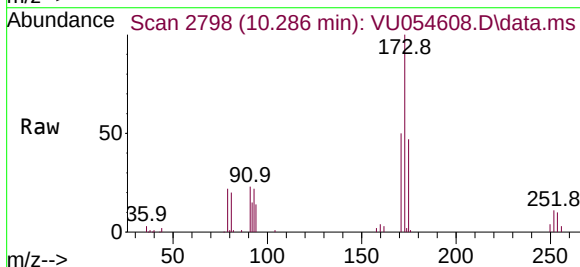
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.2	82.2
131	9.3	7.0	10.6

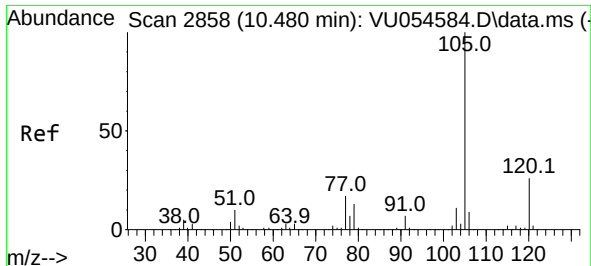


#59
 Bromoform
 Concen: 6.161 ug/L
 RT: 10.286 min Scan# 2798
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Tgt Ion: 173 Resp: 59068

Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.4	59.0
254	10.6	8.6	12.8

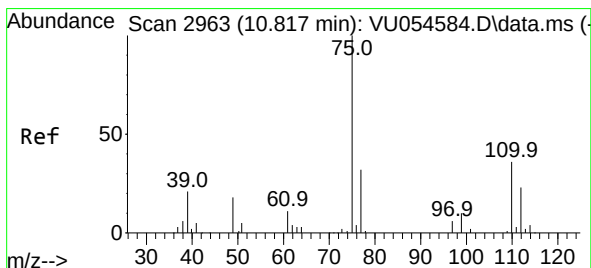
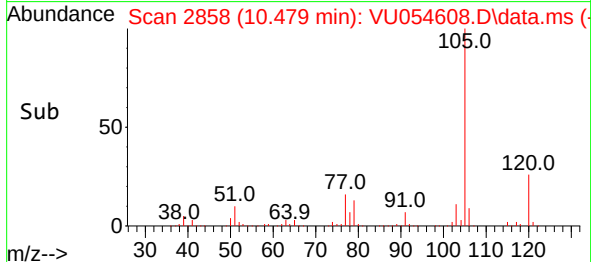
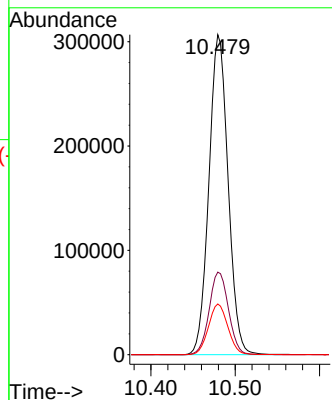
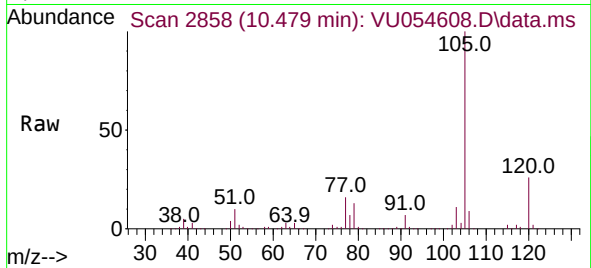




#60
Isopropylbenzene
Concen: 4.965 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

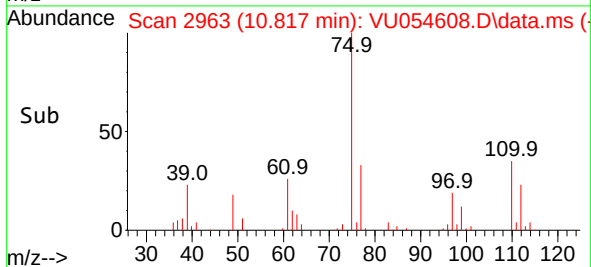
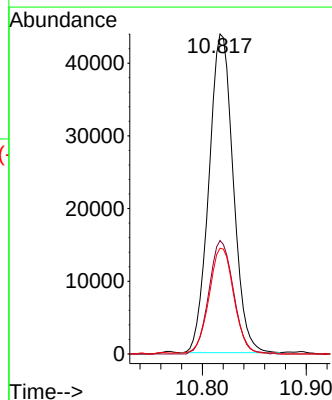
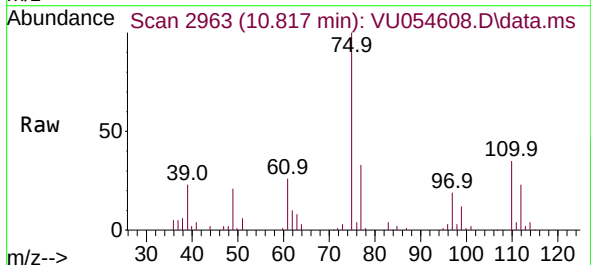
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

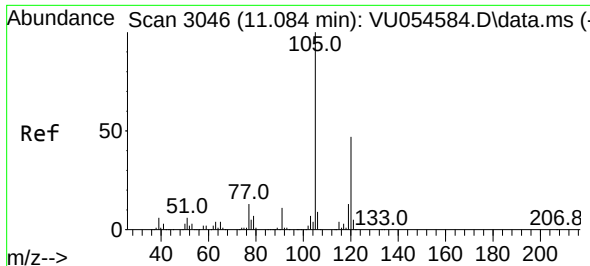
Tgt Ion:105 Resp: 485077
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.281 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion: 75 Resp: 71273
Ion Ratio Lower Upper
75 100
110 35.9 28.0 42.0
77 33.3 25.4 38.2

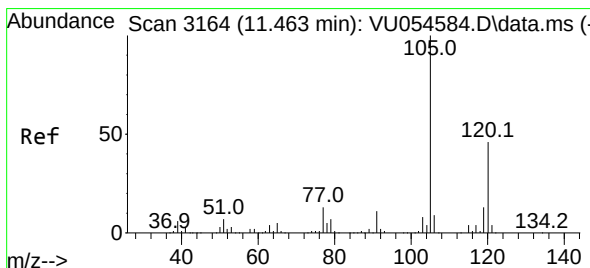
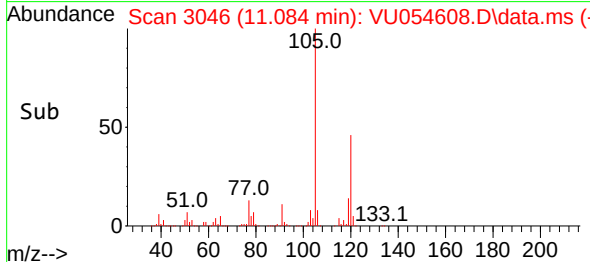
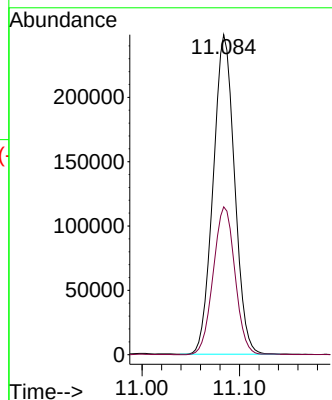
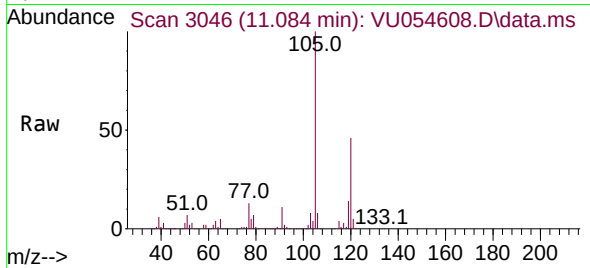




#62
 1,3,5-Trimethylbenzene
 Concen: 4.750 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

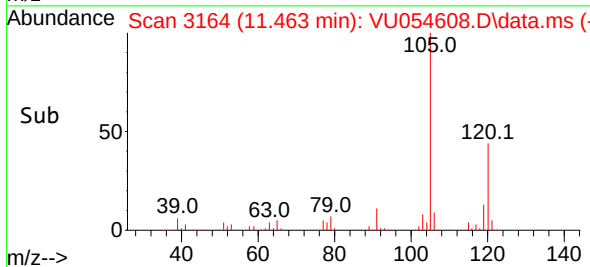
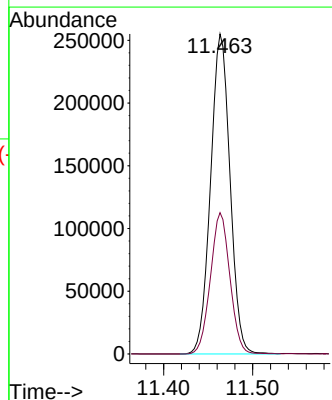
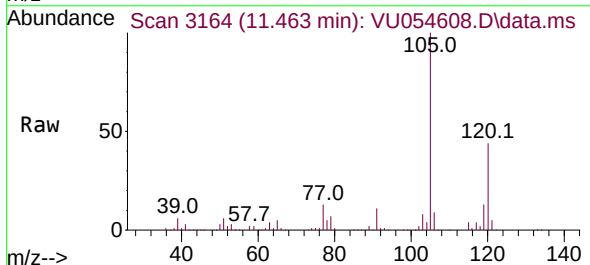
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MS

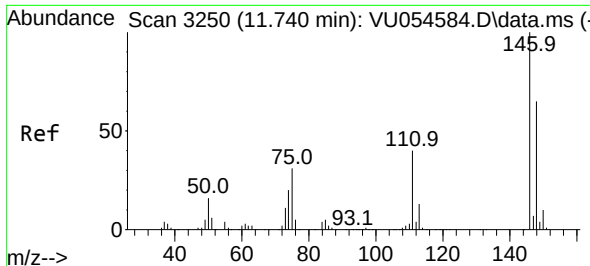
Tgt Ion:105 Resp: 378611
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.770 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Tgt Ion:105 Resp: 386133
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.4 53.0

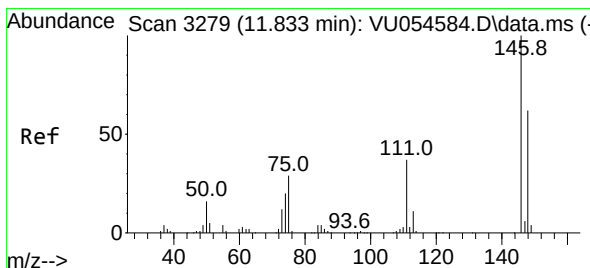
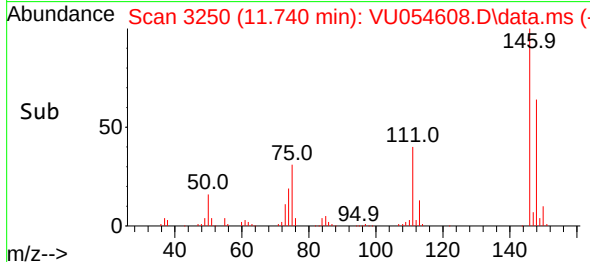
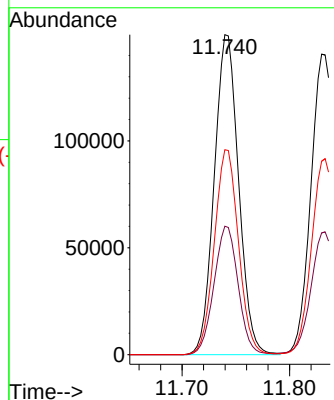
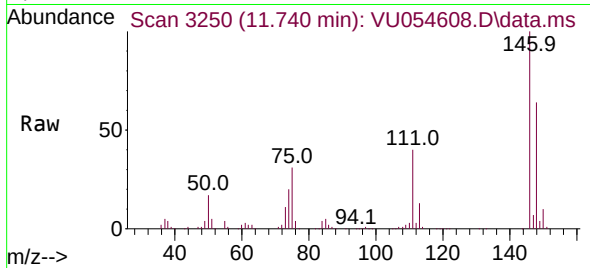




#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

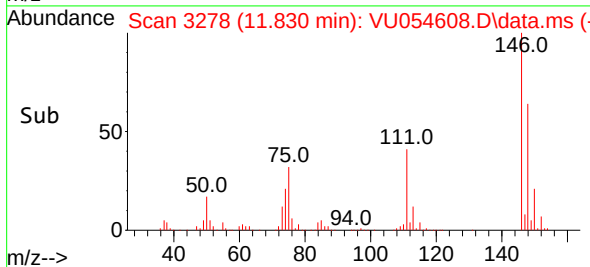
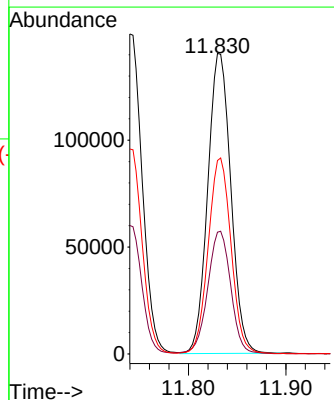
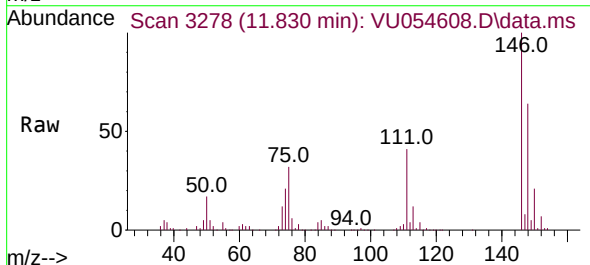
Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

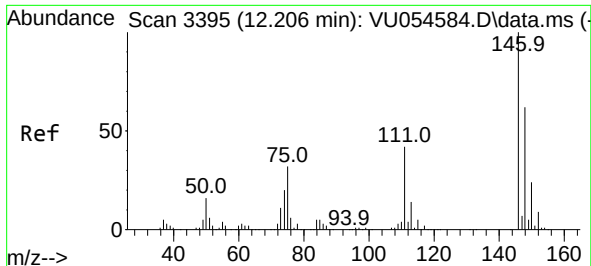
Tgt Ion:146 Resp: 235698
Ion Ratio Lower Upper
146 100
111 40.1 28.9 53.7
148 64.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion:146 Resp: 231318
Ion Ratio Lower Upper
146 100
111 40.5 28.0 52.0
148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.166 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

DCGW7MS

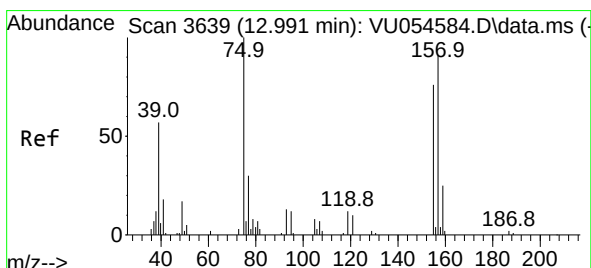
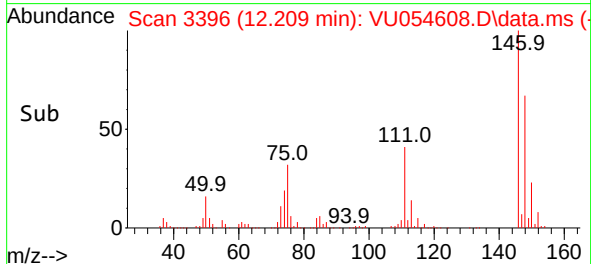
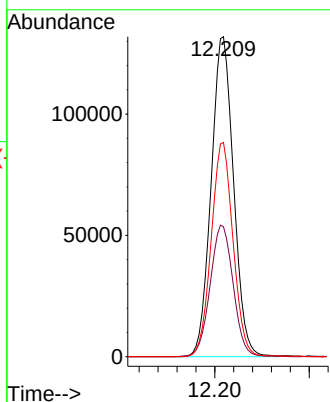
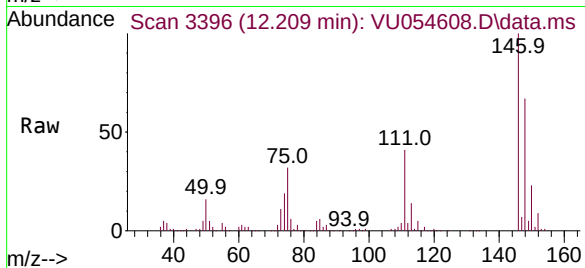
Tgt Ion:146 Resp: 216957

Ion Ratio Lower Upper

146 100

111 40.6 34.5 51.7

148 67.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.731 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

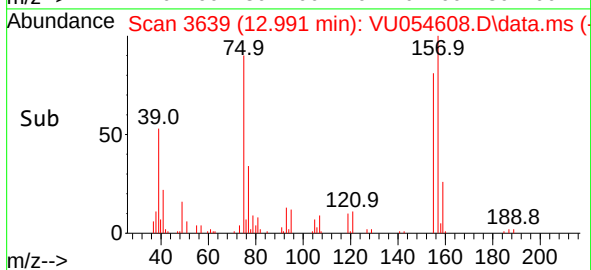
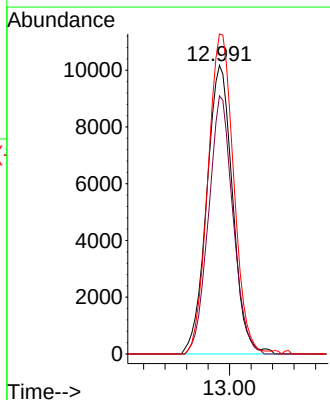
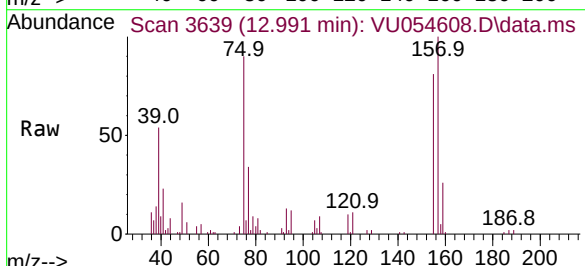
Tgt Ion: 75 Resp: 16996

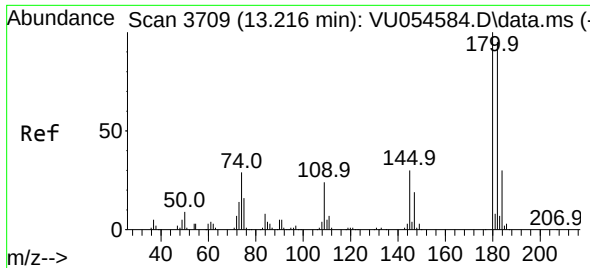
Ion Ratio Lower Upper

75 100

155 89.4 65.7 98.5

157 110.9 84.2 126.2

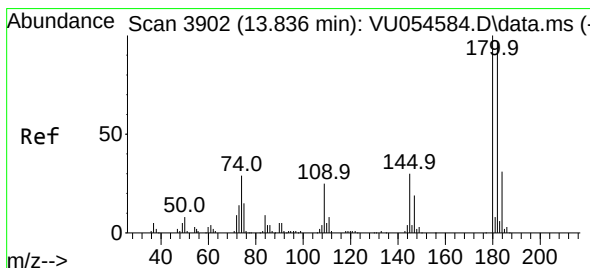
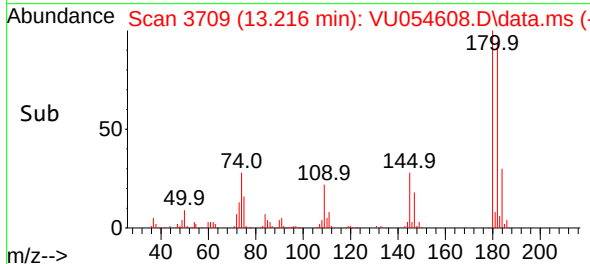
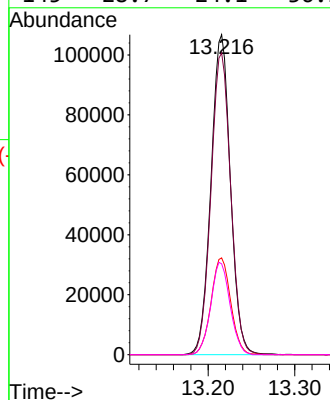
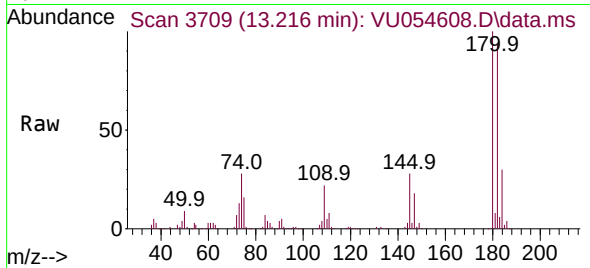




#69
 1,3,5-Trichlorobenzene
 Concen: 4.828 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

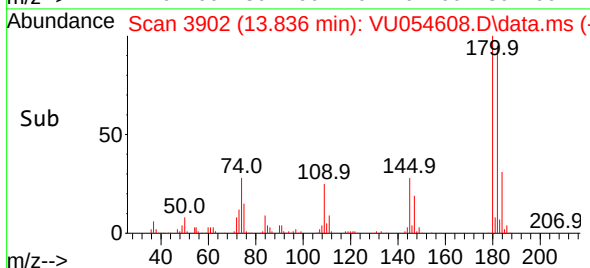
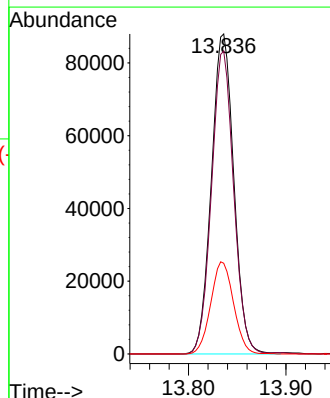
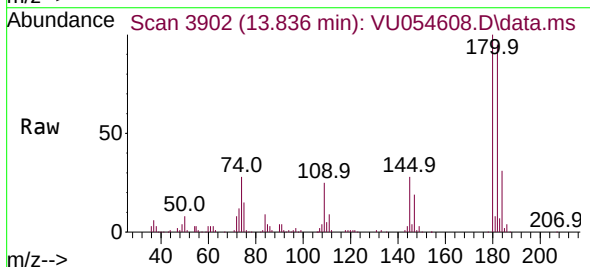
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MS

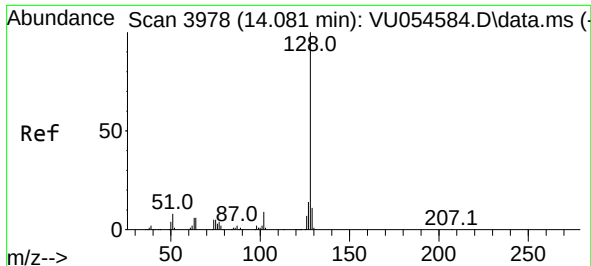
Tgt Ion:180	Resp: 166336
Ion Ratio	Lower Upper
180	100
182	95.7 75.0 112.6
184	30.7 24.1 36.1
145	28.7 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.931 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Tgt Ion:180	Resp: 140484
Ion Ratio	Lower Upper
180	100
182	93.5 76.6 114.8
145	29.3 24.0 36.0

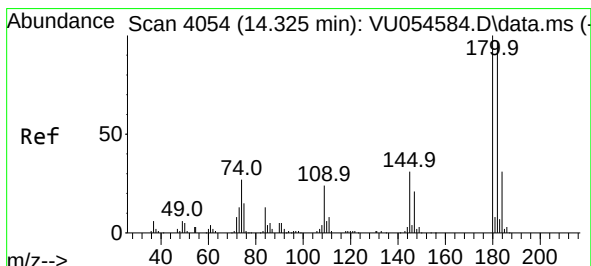
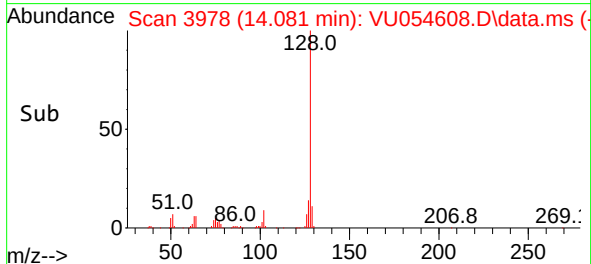
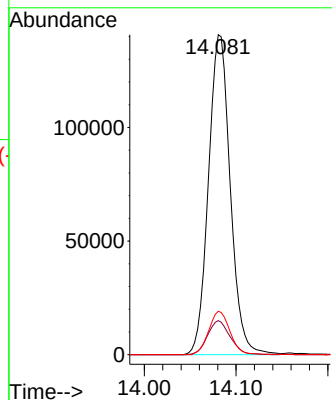
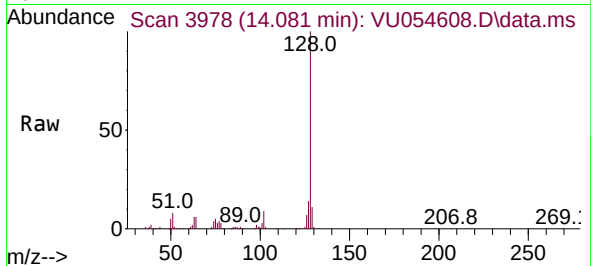




#71
Naphthalene
Concen: 5.032 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :
DCGW7MS

Tgt Ion:128 Resp: 233120
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.138 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Tgt Ion:180 Resp: 125763
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.2
145 31.9 26.0 39.0

