

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 :

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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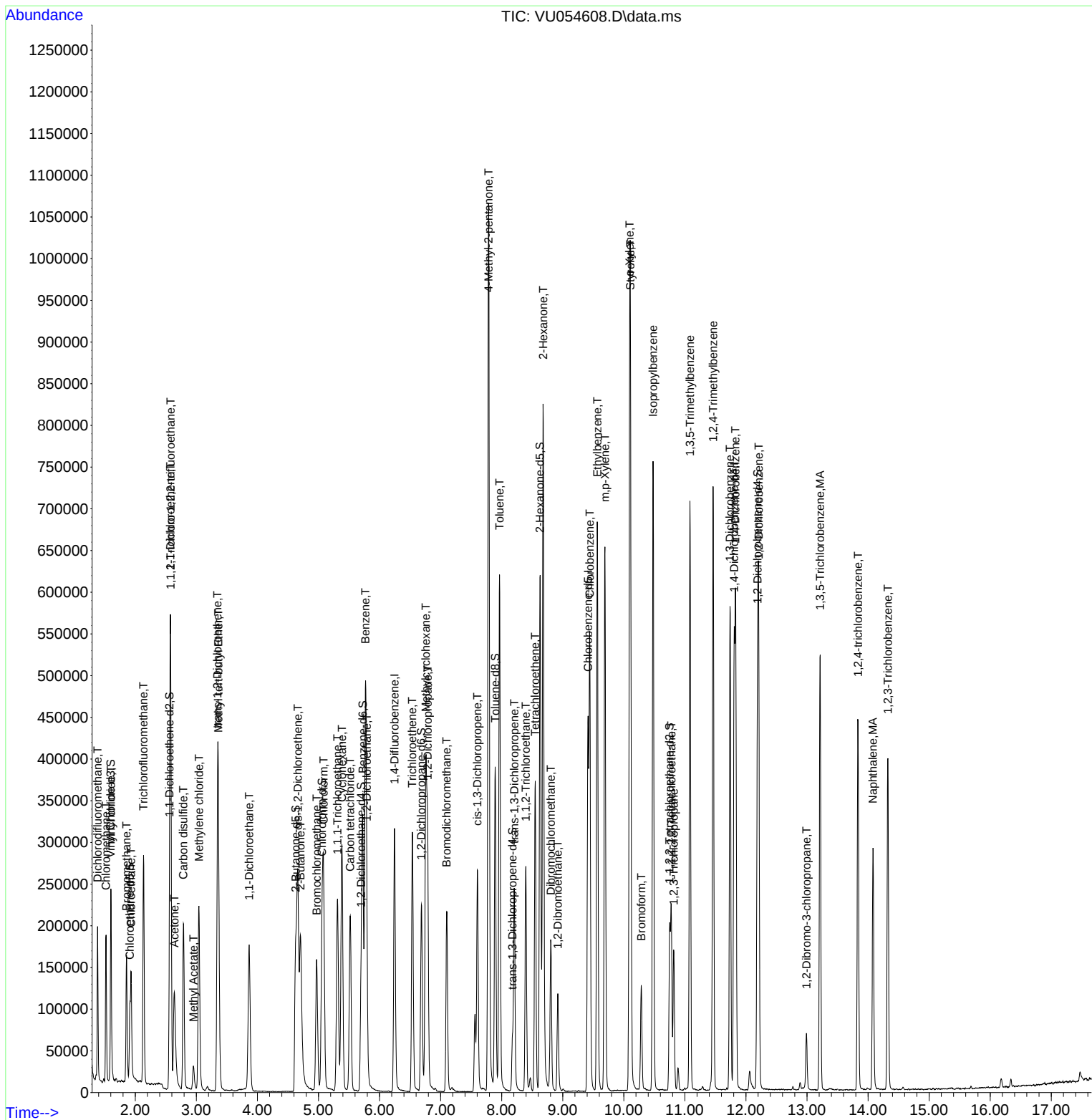
Instrument :
 MSVOA_U
 ClientSampleId :

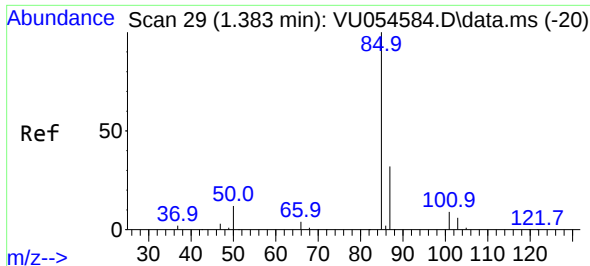
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	122552	5.424	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	172228	5.239	ug/L	98
30) Cyclohexane	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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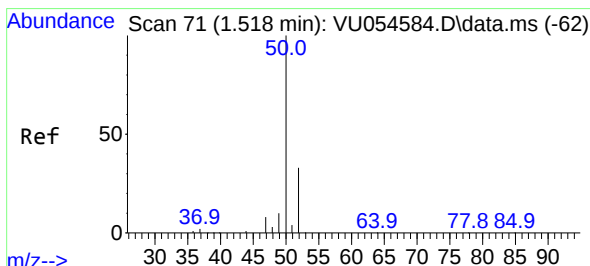
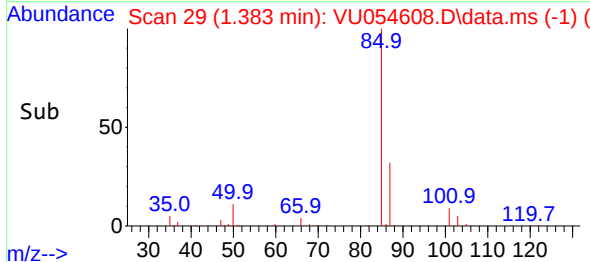
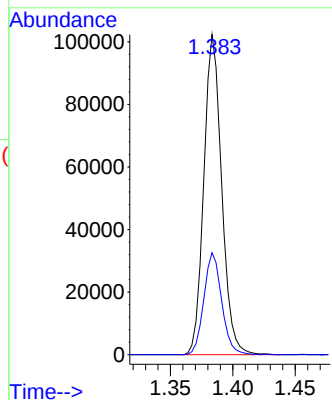
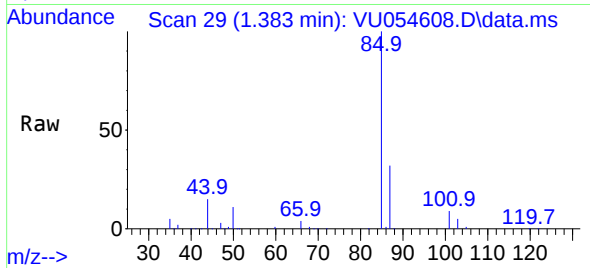




#2
Dichlorodifluoromethane
Concen: 4.332 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

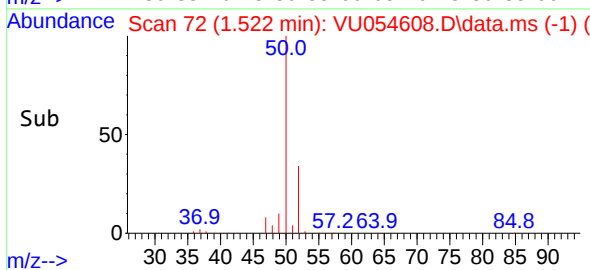
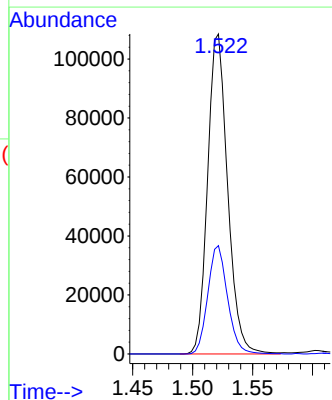
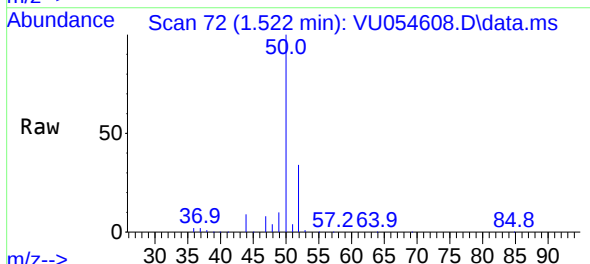
Instrument :
MSVOA_U
ClientSampleId :

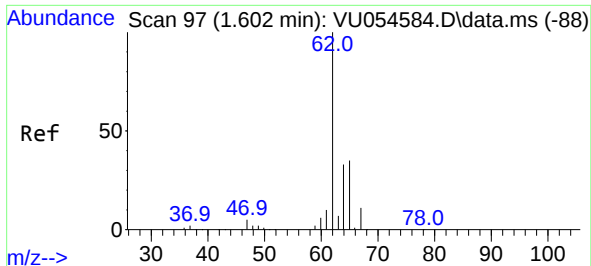
Tgt Ion: 85 Resp: 102131
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.2



#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

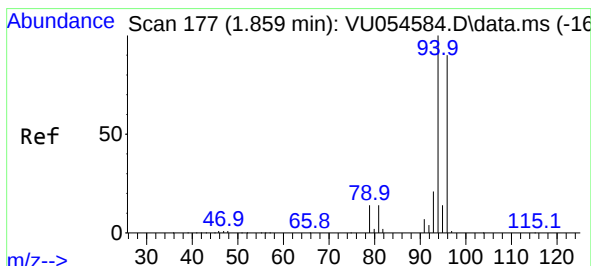
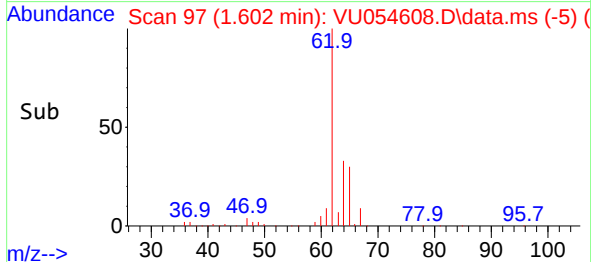
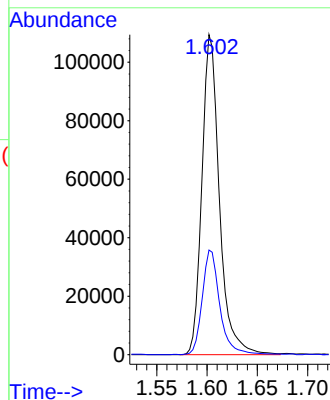
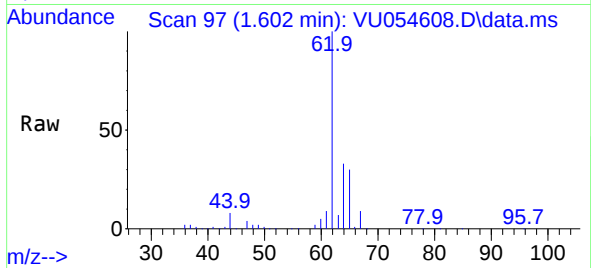




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

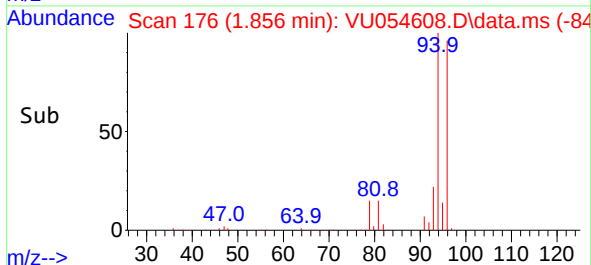
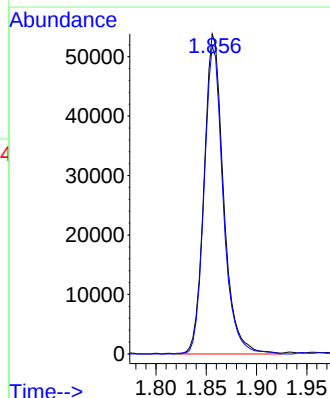
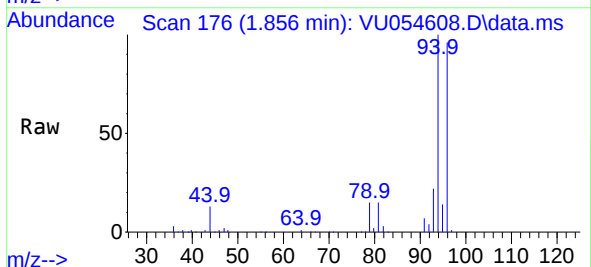
Instrument :
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 ClientSampleId :

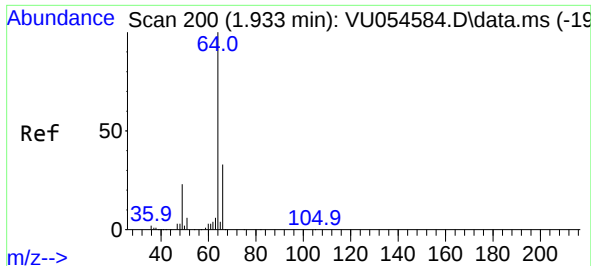
Tgt Ion: 62 Resp: 132365
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#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

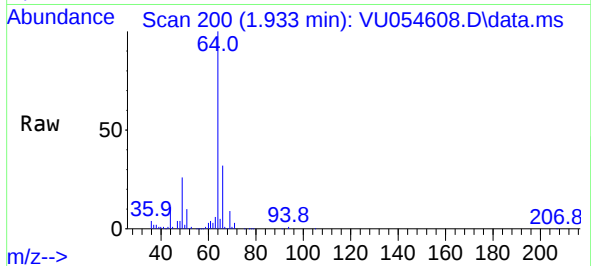
Tgt Ion: 94 Resp: 72620
 Ion Ratio Lower Upper
 94 100
 96 96.2 63.6 118.2



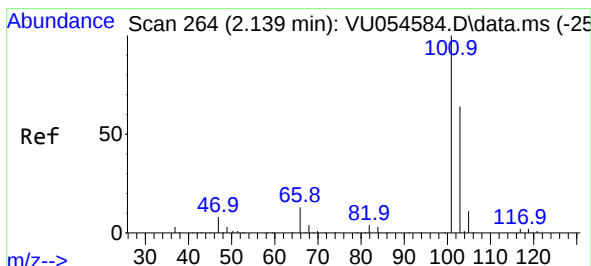
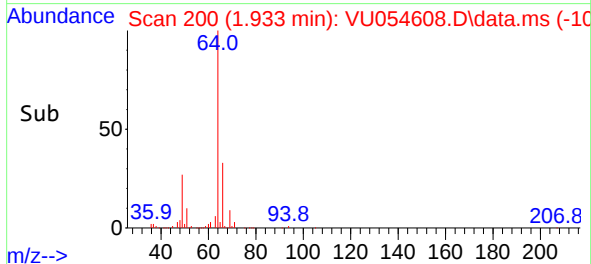
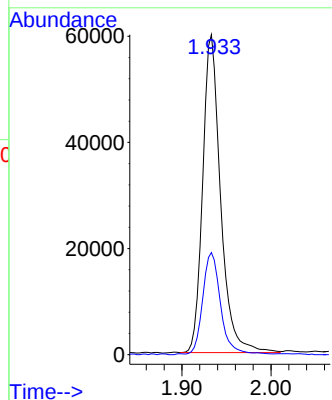


#8
Chloroethane
Concen: 5.023 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

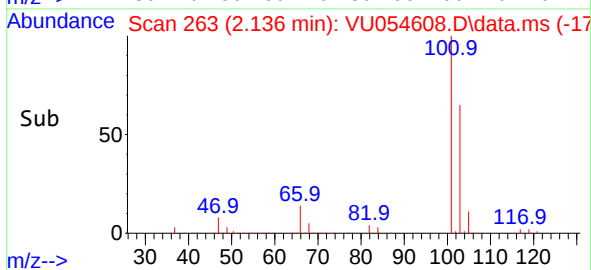
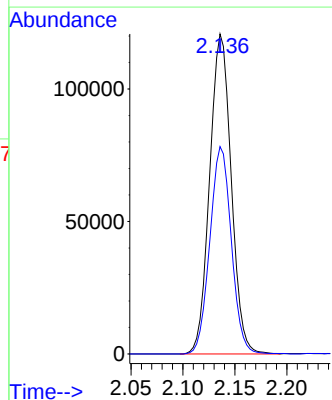
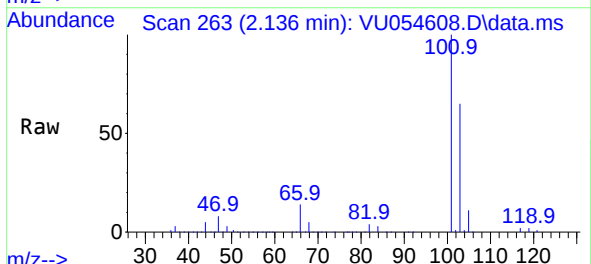


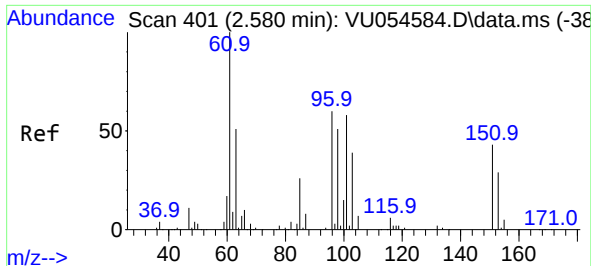
Tgt Ion: 64 Resp: 83702
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#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

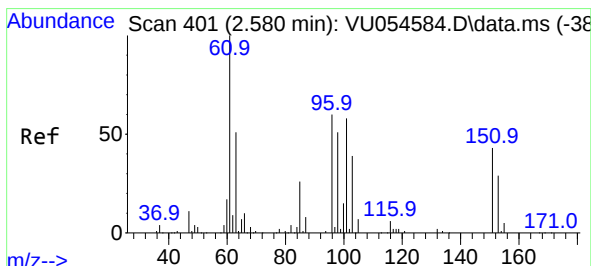
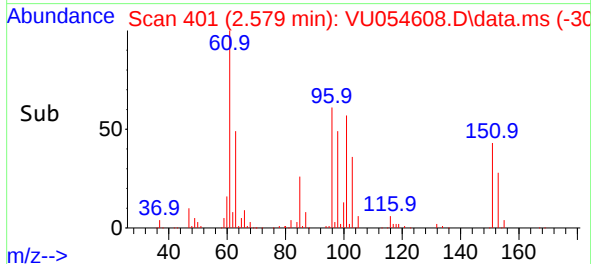
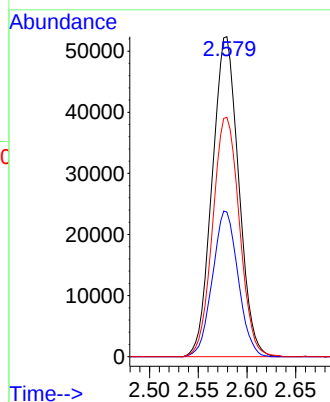
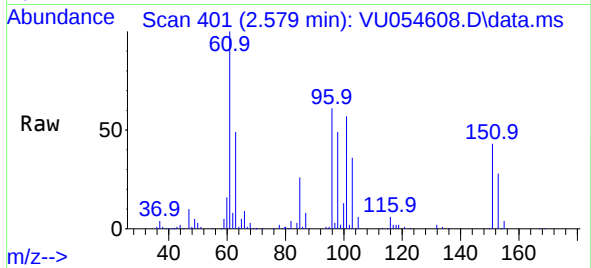




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.950 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054608.D
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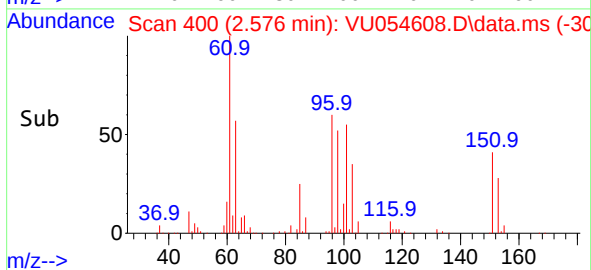
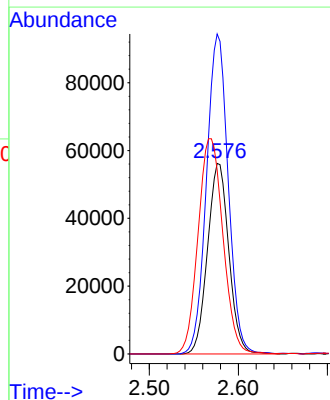
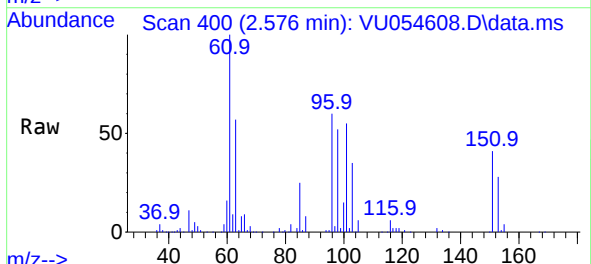
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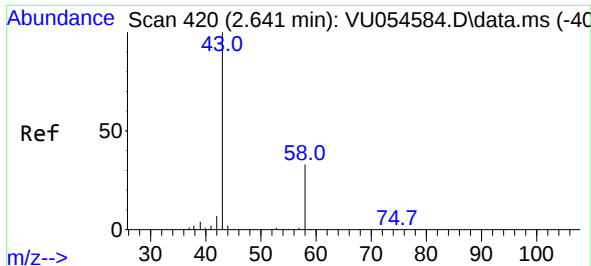
Tgt Ion:101 Resp: 98967
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 75.8 57.7 86.5



#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

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

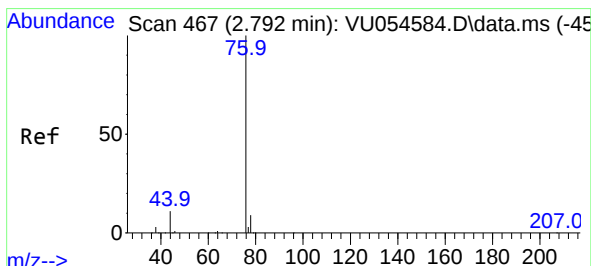
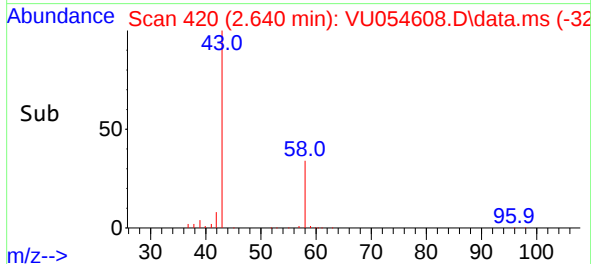
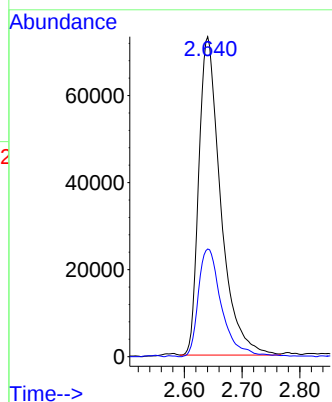
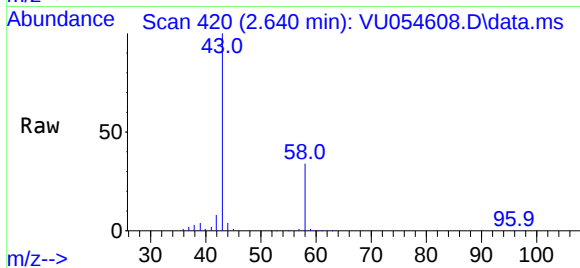
ClientSampleId :

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

Lab File: VU054608.D

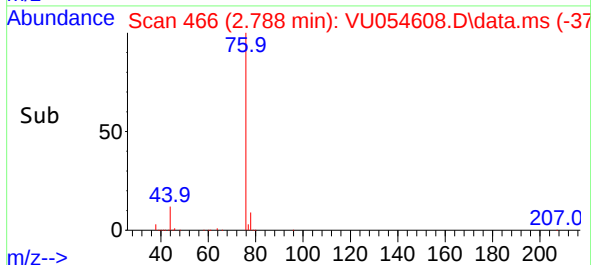
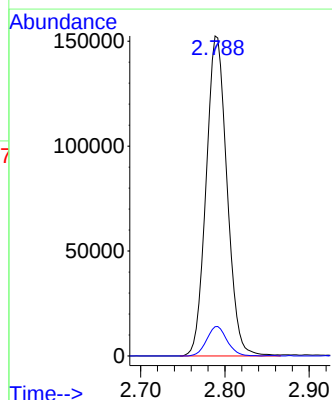
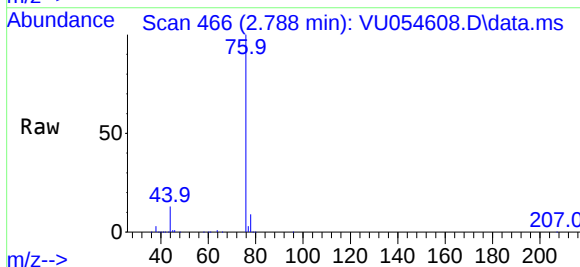
Acq: 19 Jun 2023 19:59

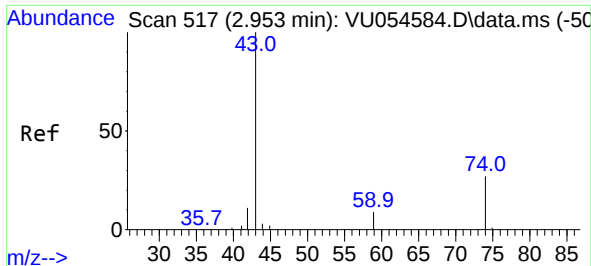
Tgt Ion: 76 Resp: 263104

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

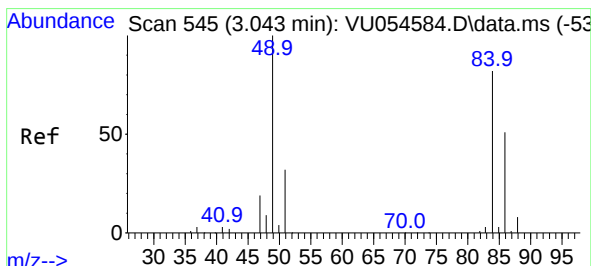
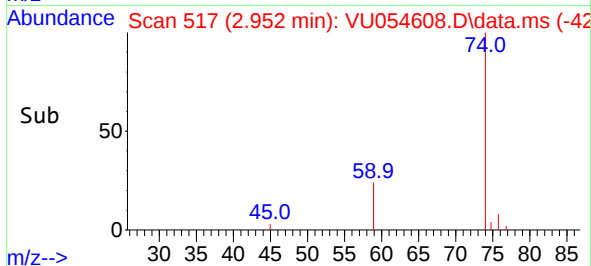
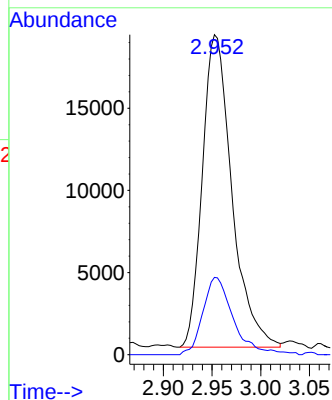
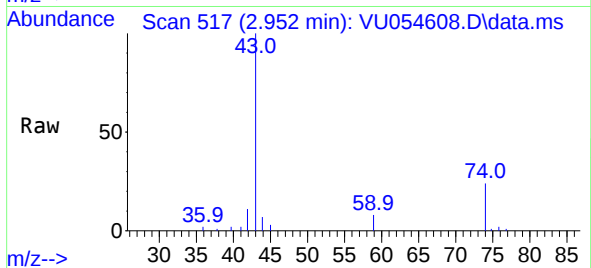
ClientSampleId :

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

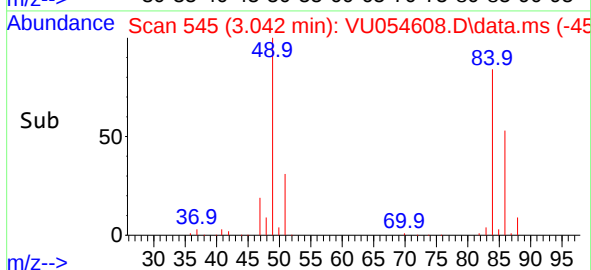
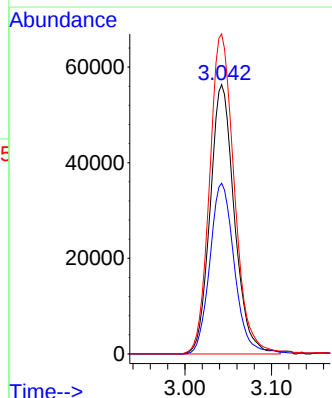
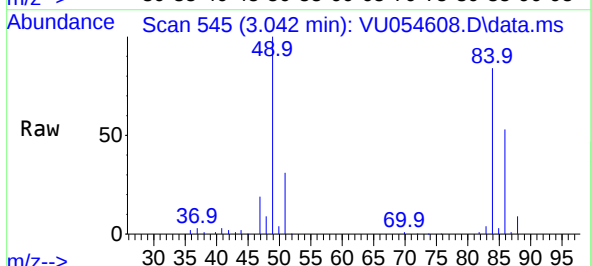
Tgt Ion: 84 Resp: 109589

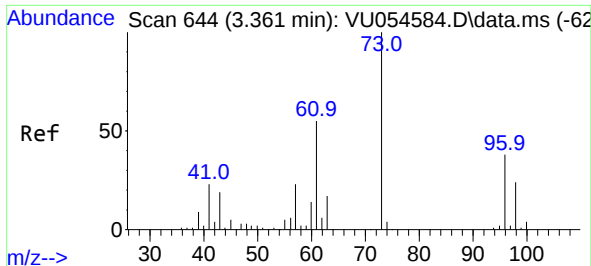
Ion Ratio Lower Upper

84 100

86 63.4 43.9 81.5

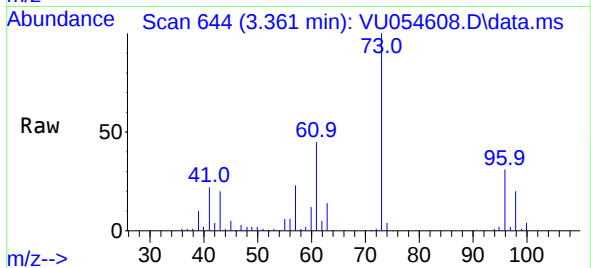
49 118.8 86.1 159.9



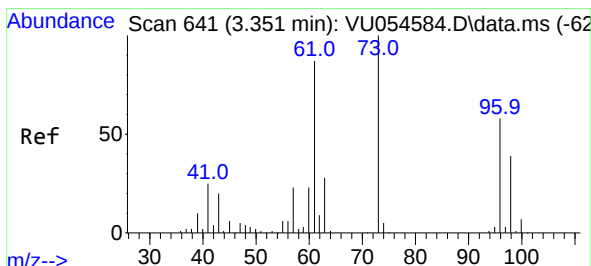
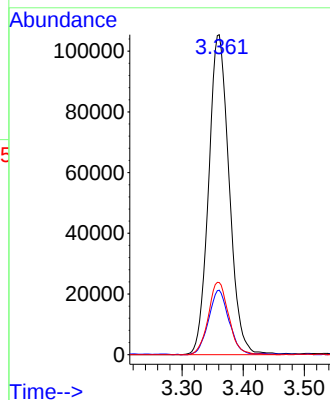
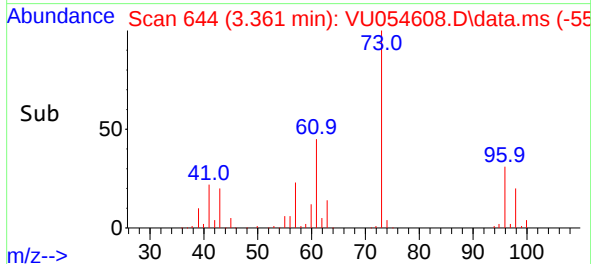


#17
Methyl tert-butyl Ether
Concen: 5.446 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

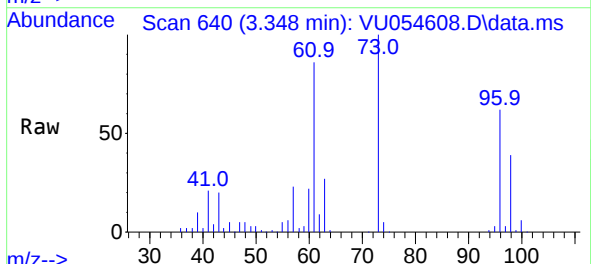
Instrument :
MSVOA_U
ClientSampleId :



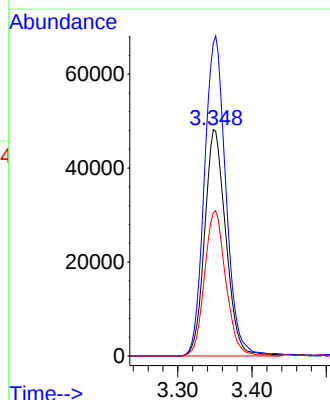
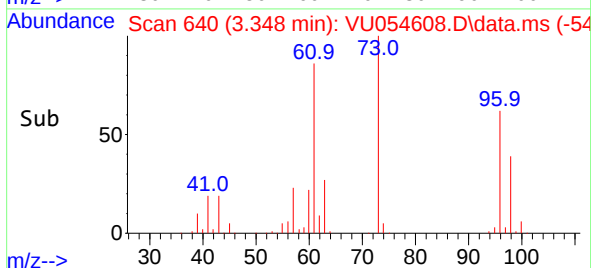
Tgt Ion: 73 Resp: 245993
Ion Ratio Lower Upper
73 100
43 20.0 15.7 23.5
57 22.6 18.6 28.0

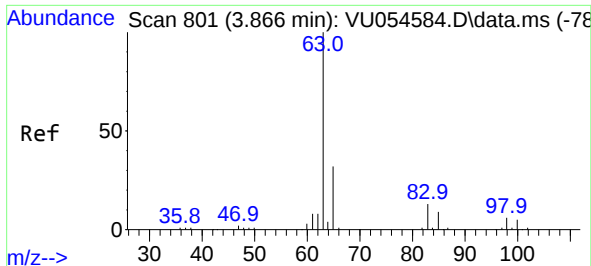


#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59



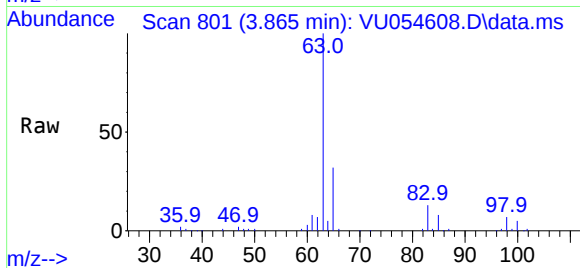
Tgt Ion: 96 Resp: 95434
Ion Ratio Lower Upper
96 100
61 138.3 104.6 194.2
98 63.3 45.4 84.4



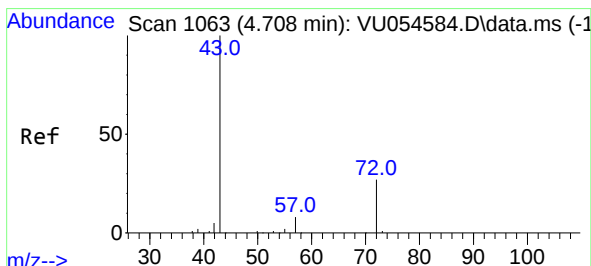
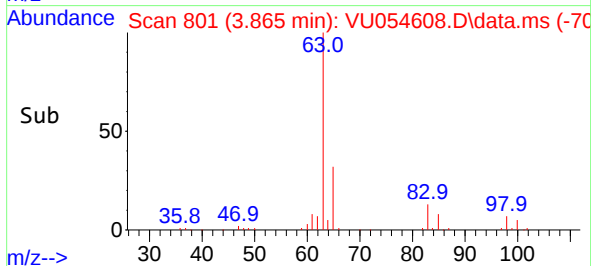
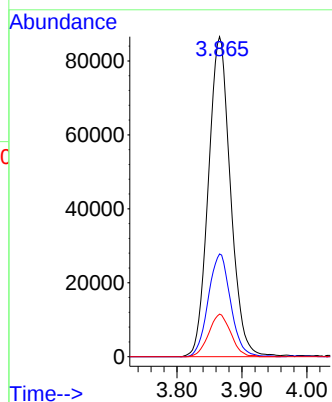


#19
1,1-Dichloroethane
Concen: 5.228 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

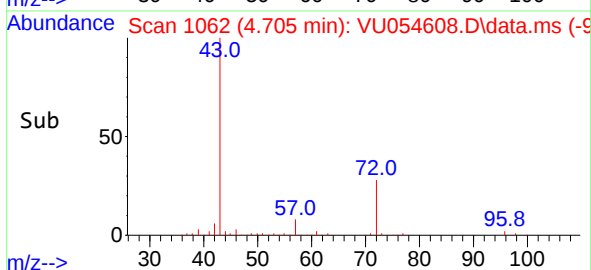
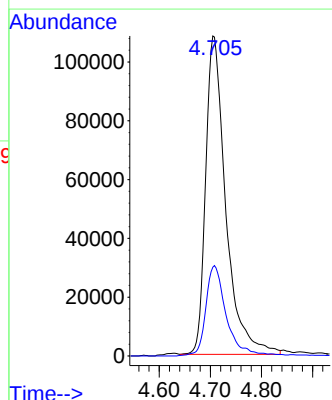
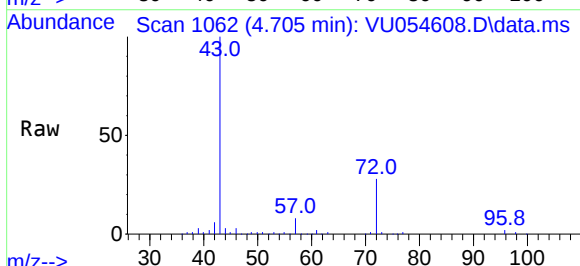


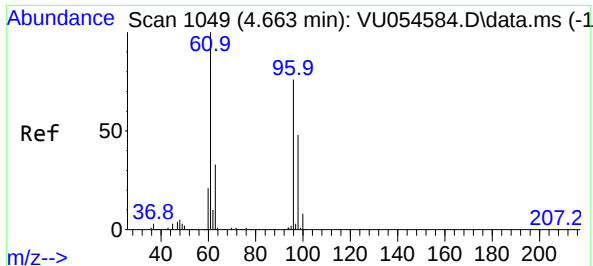
Tgt Ion: 63 Resp: 204439
Ion Ratio Lower Upper
63 100
65 32.1 22.2 41.2
83 13.3 9.0 16.6



#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

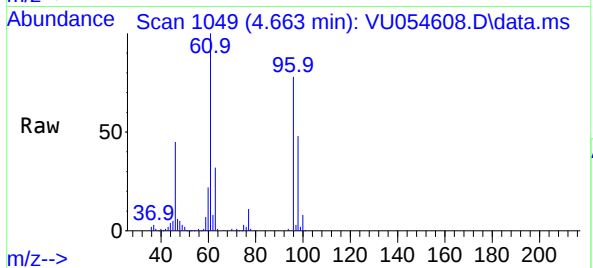
Tgt Ion: 43 Resp: 296876
Ion Ratio Lower Upper
43 100
72 28.6 13.4 40.1





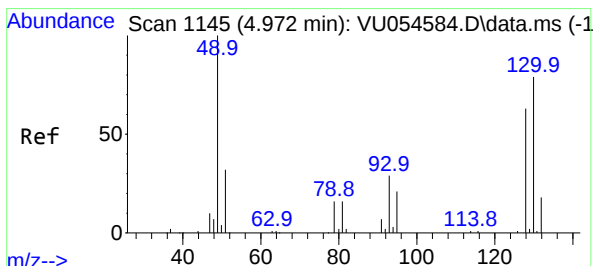
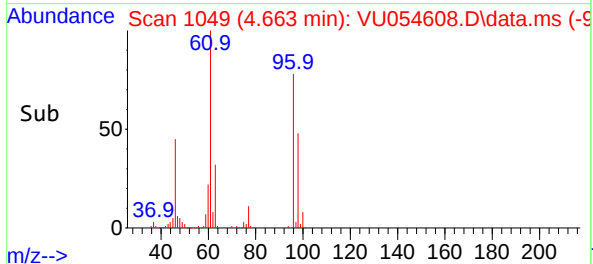
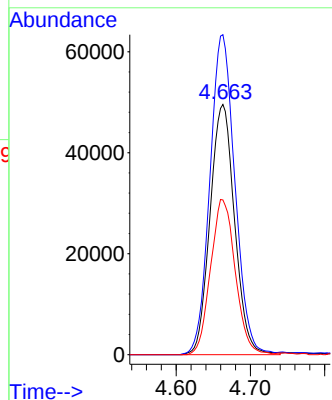
#22
 cis-1,2-Dichloroethene
 Concen: 5.294 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 113897

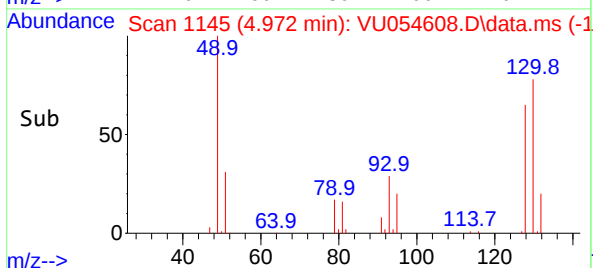
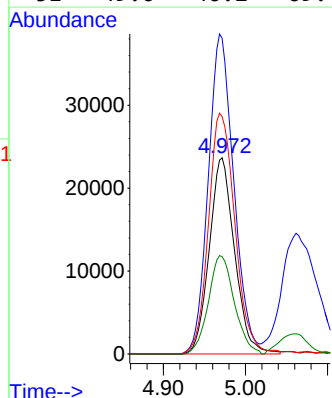
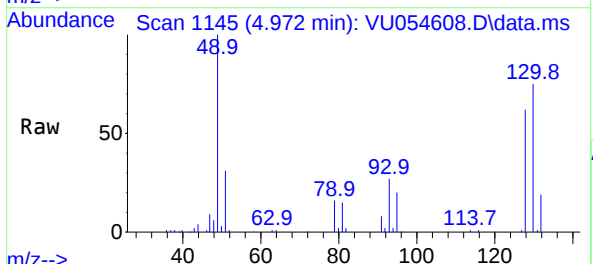
Ion	Ratio	Lower	Upper
96	100		
61	127.8	96.5	179.1
98	61.8	44.9	83.3

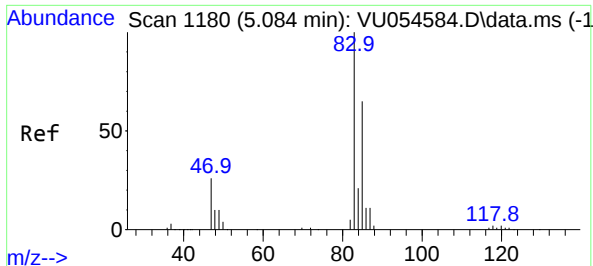


#23
 Bromochloromethane
 Concen: 5.653 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU054608.D
 Acq: 19 Jun 2023 19:59

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

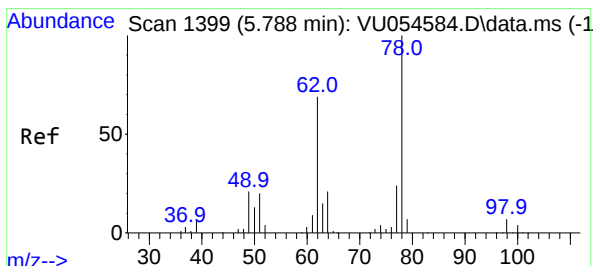
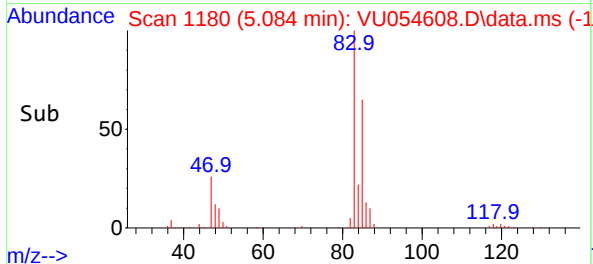
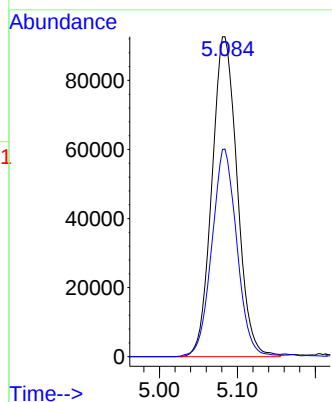
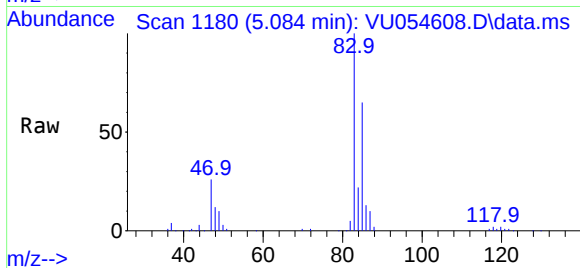
ClientSampleId :

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

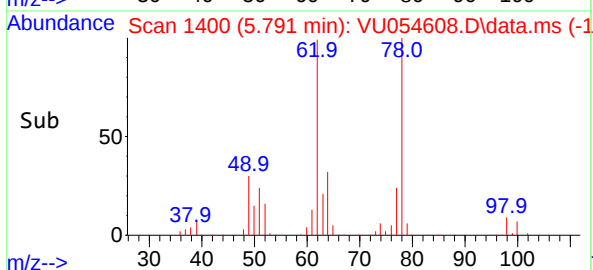
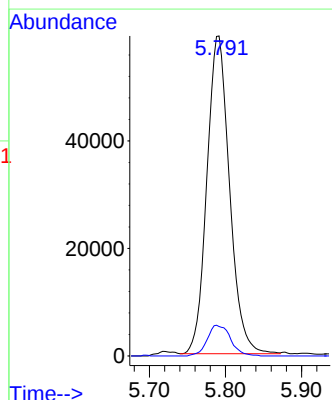
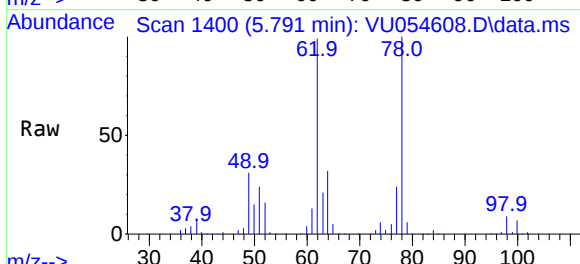
Acq: 19 Jun 2023 19:59

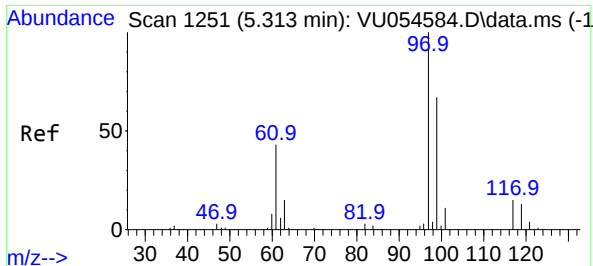
Tgt Ion: 62 Resp: 122552

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6

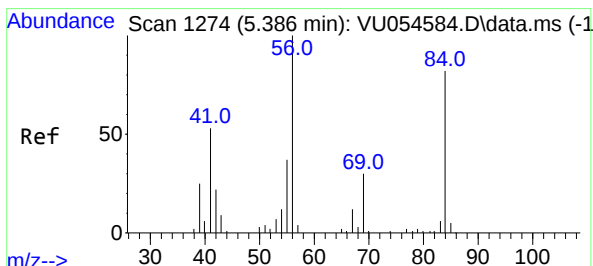
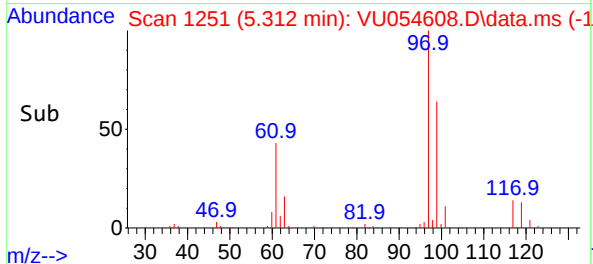
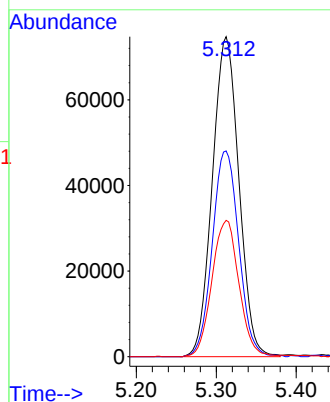
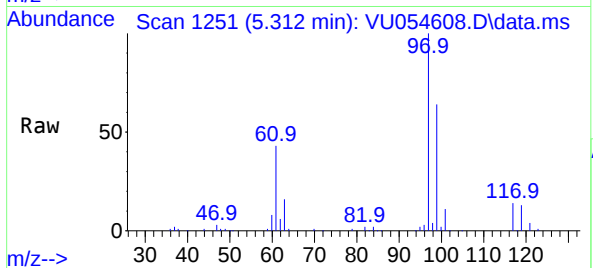




#29
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

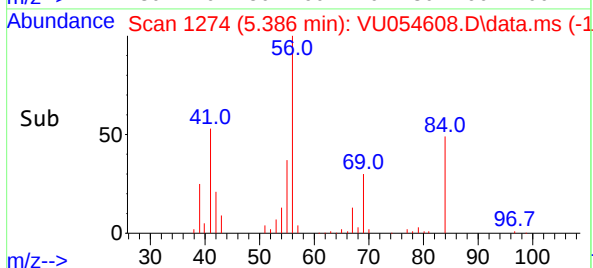
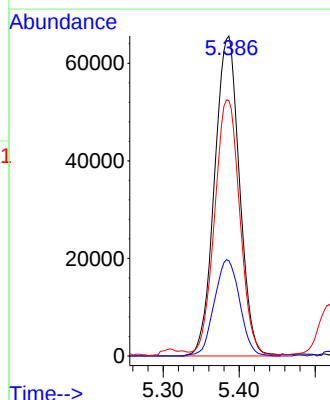
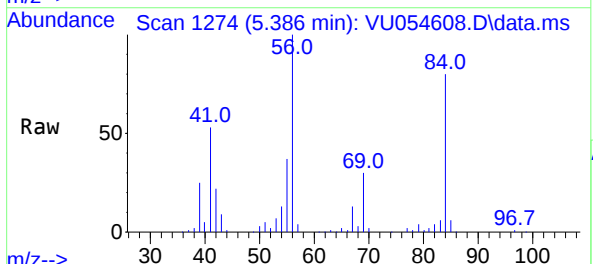
Instrument :
MSVOA_U
ClientSampleId :

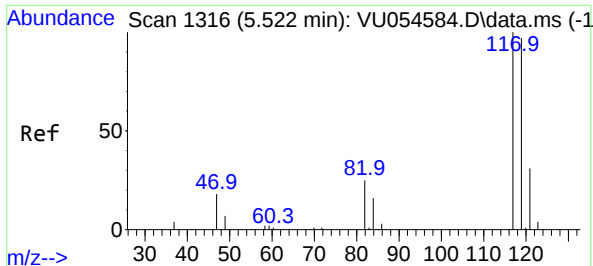
Tgt Ion: 97 Resp: 172228
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.4 36.1 54.1



#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

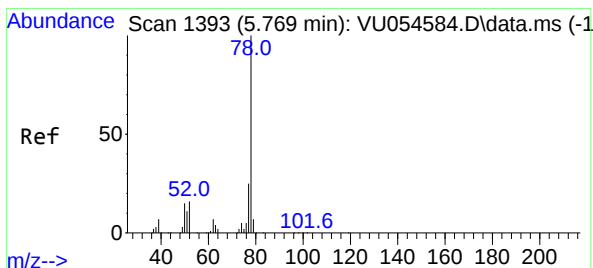
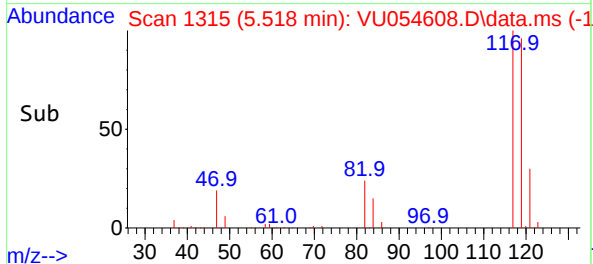
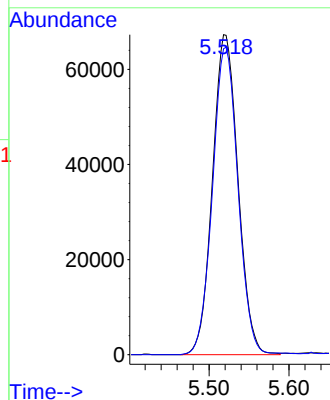
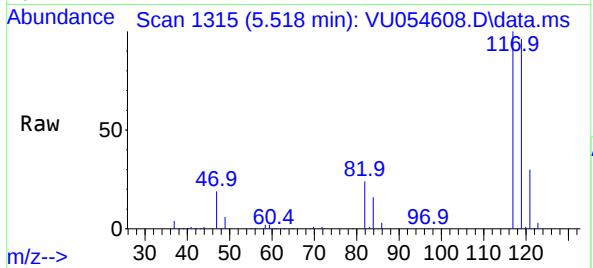




#31
Carbon tetrachloride
Concen: 5.260 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

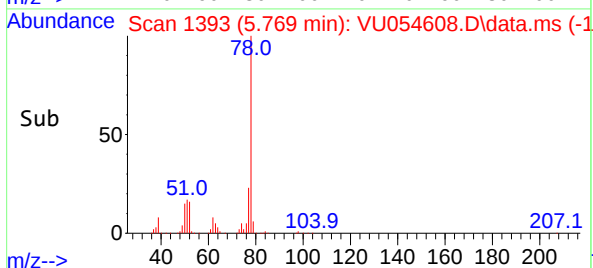
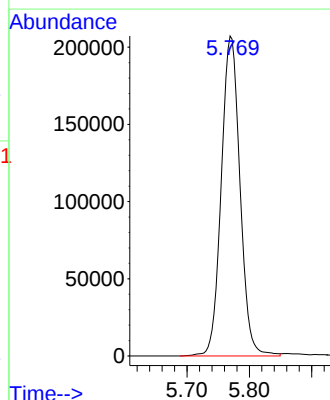
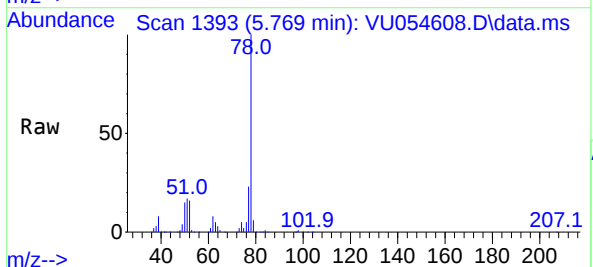
Instrument :
MSVOA_U
ClientSampleId :

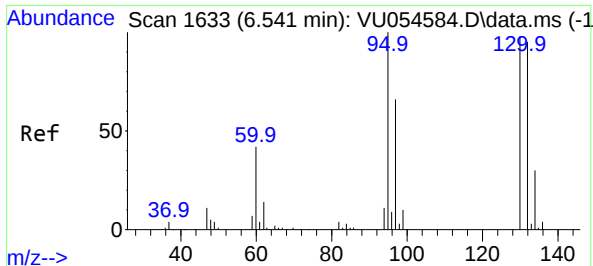
Tgt Ion:117 Resp: 148985
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#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

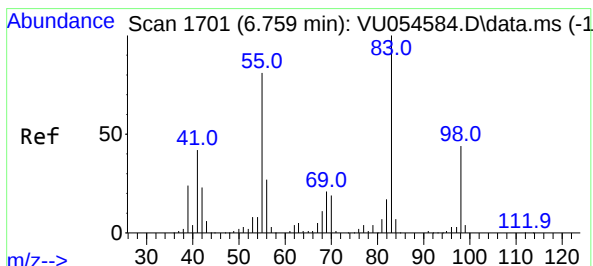
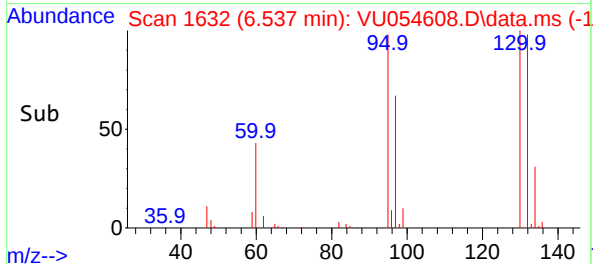
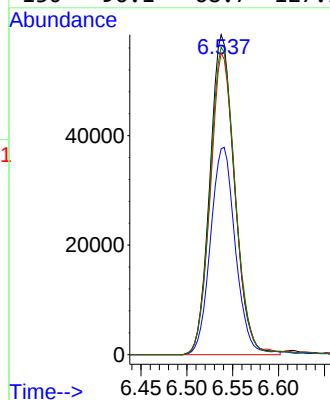
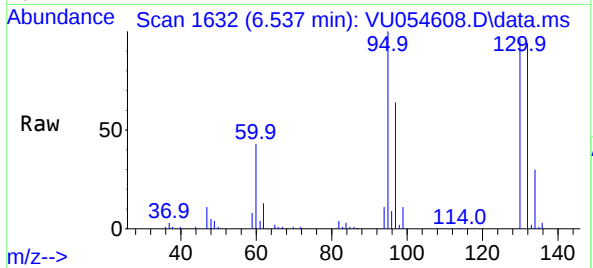




#34
Trichloroethene
Concen: 4.735 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

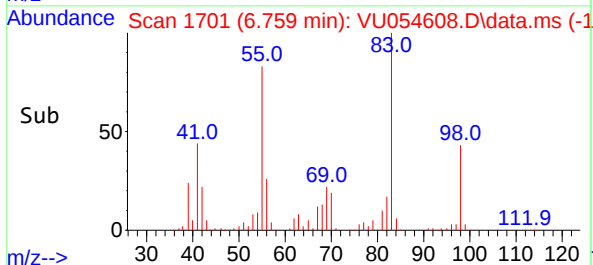
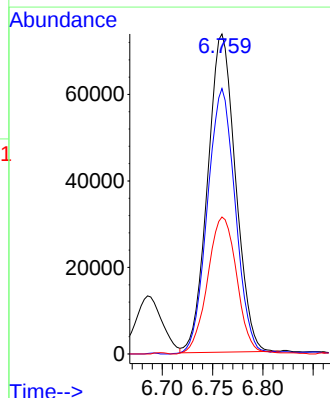
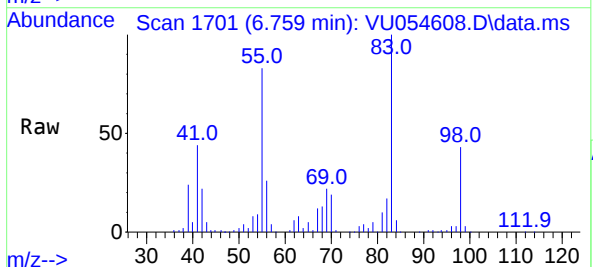
Instrument :
MSVOA_U
ClientSampleId :

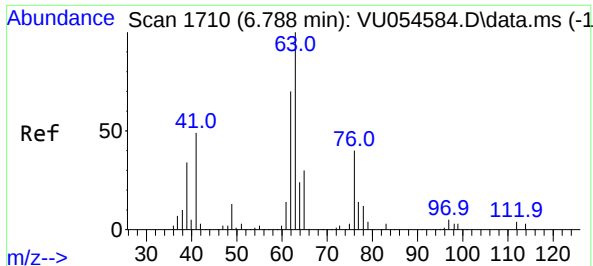
Tgt Ion: 95 Resp: 109088
Ion Ratio Lower Upper
95 100
97 64.4 46.8 87.0
132 94.3 68.4 127.0
130 96.1 68.7 127.5



#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

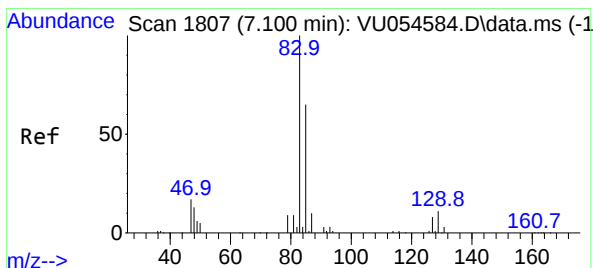
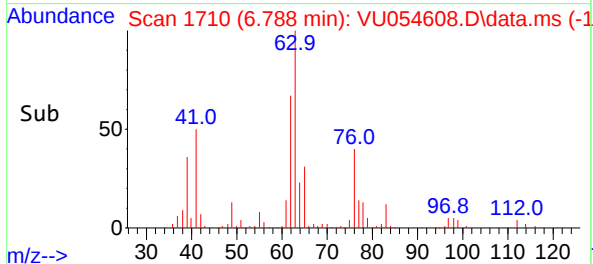
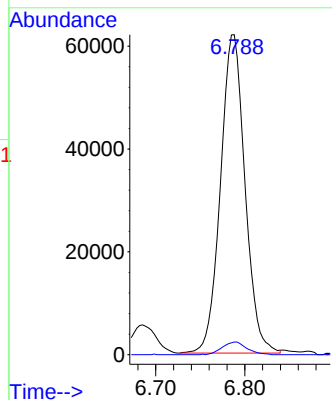
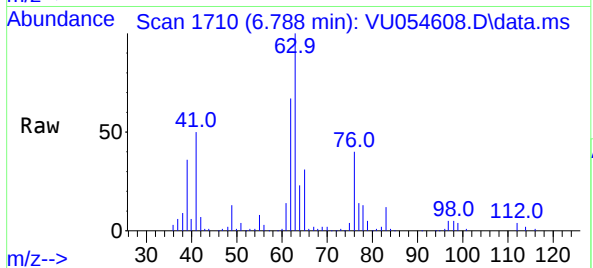




#37
1,2-Dichloropropane
Concen: 5.025 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

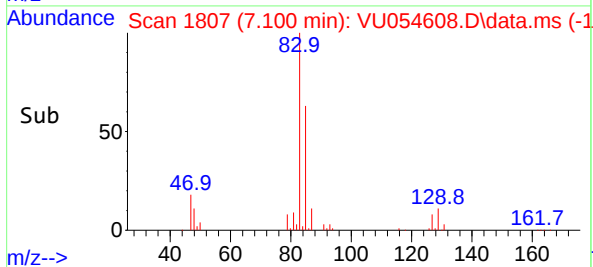
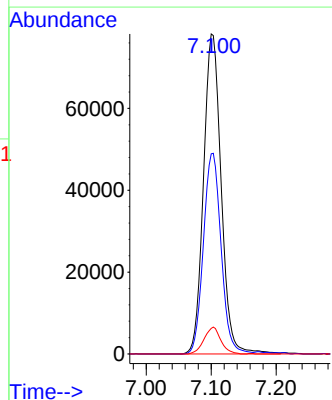
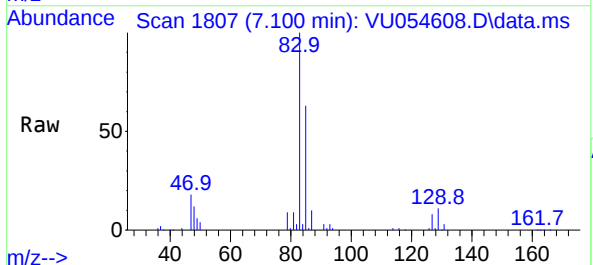
Instrument :
MSVOA_U
ClientSampleId :

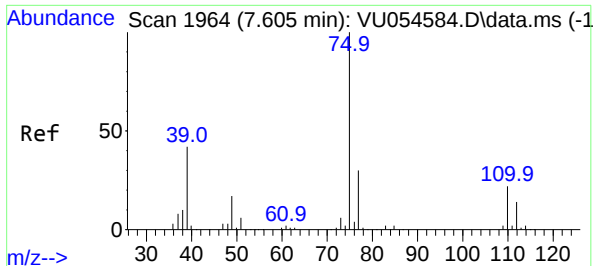
Tgt Ion: 63 Resp: 118364
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.6



#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

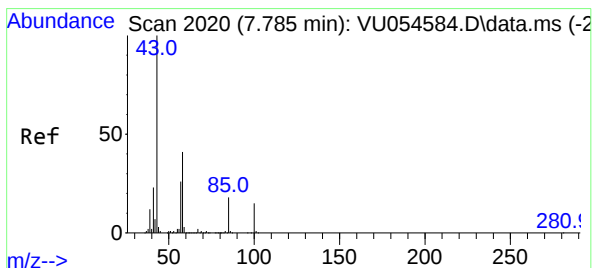
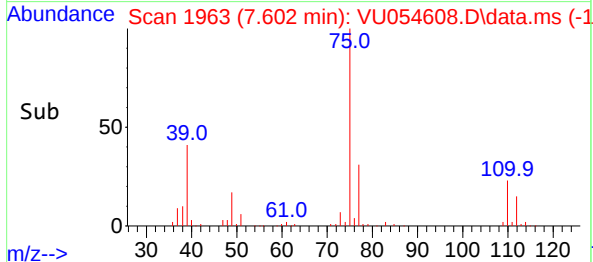
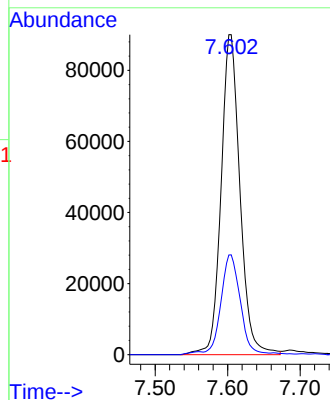
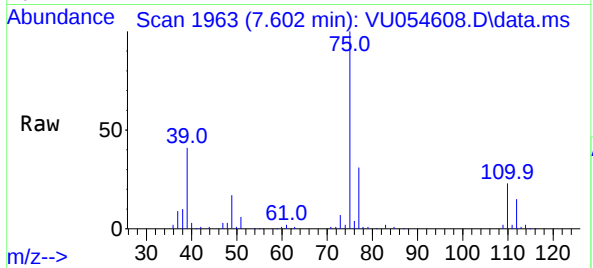




#39
cis-1,3-Dichloropropene
Concen: 5.068 ug/L
RT: 7.602 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

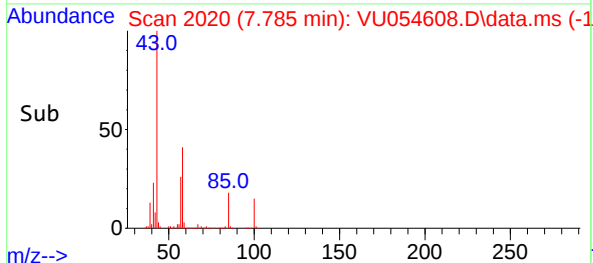
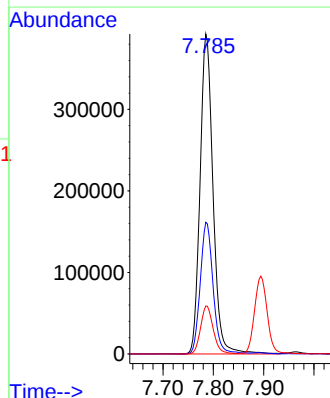
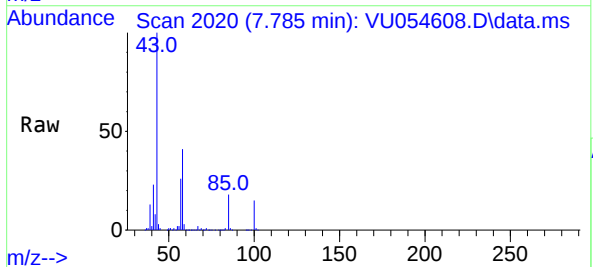
Instrument :
MSVOA_U
ClientSampleId :

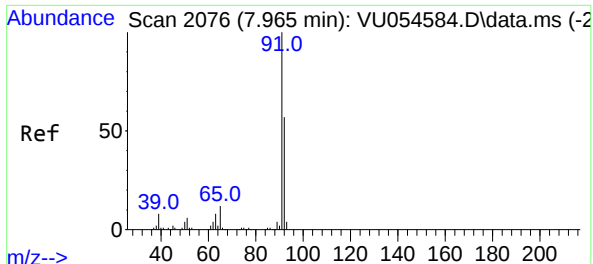
Tgt Ion: 75 Resp: 163005
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.5



#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

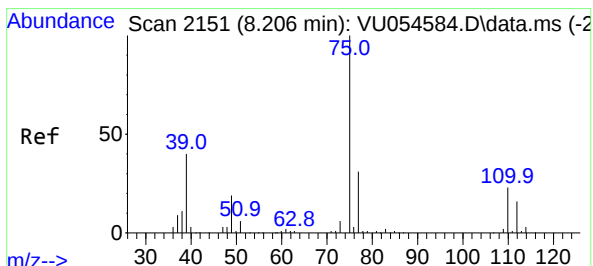
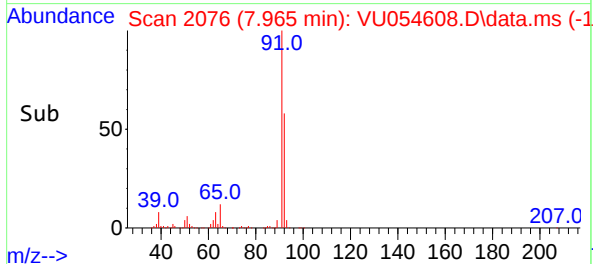
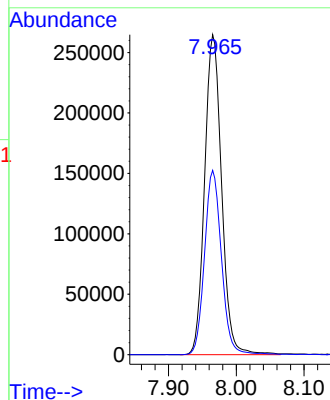
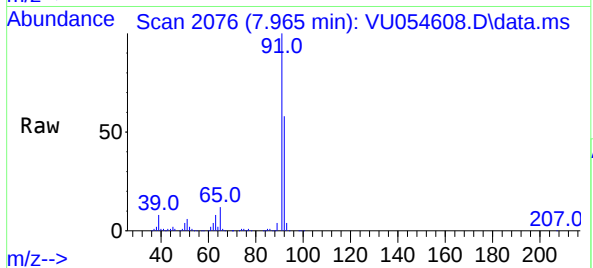




#42
Toluene
Concen: 5.144 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

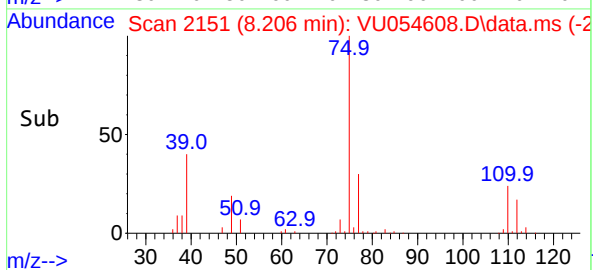
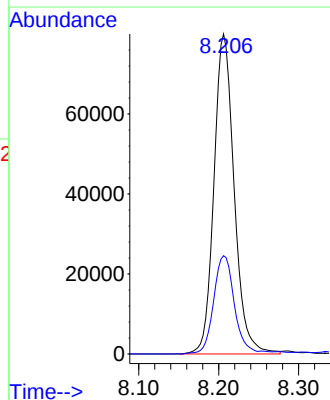
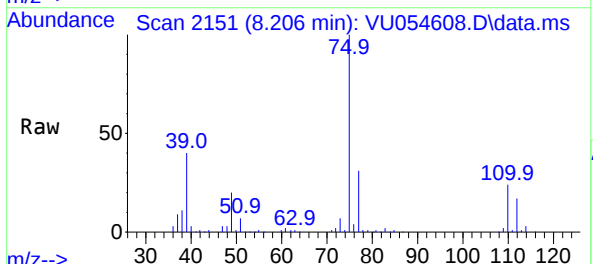
Instrument :
MSVOA_U
ClientSampleId :

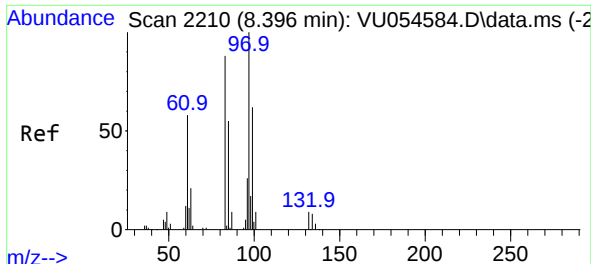
Tgt Ion: 91 Resp: 461496
Ion Ratio Lower Upper
91 100
92 57.6 39.5 73.4



#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

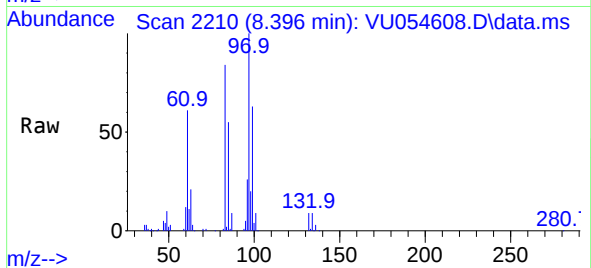
Tgt Ion: 75 Resp: 140201
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.6





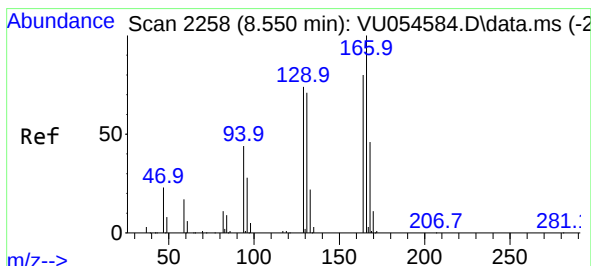
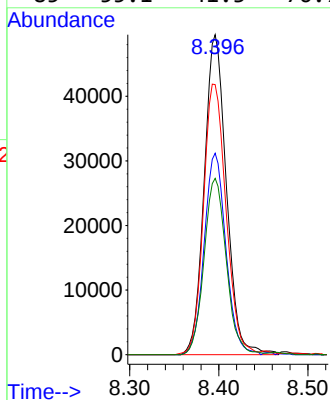
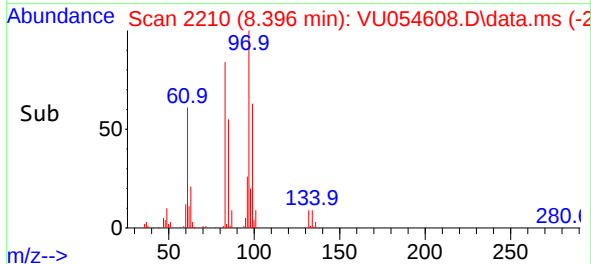
#45
1,1,2-Trichloroethane
Concen: 5.709 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

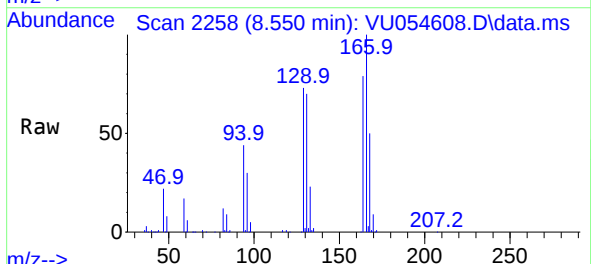


Tgt Ion: 97 Resp: 85558

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

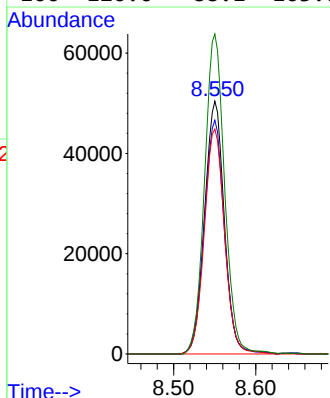
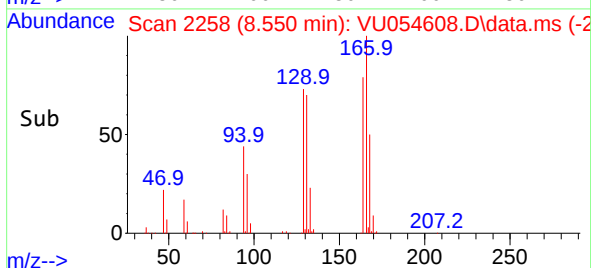


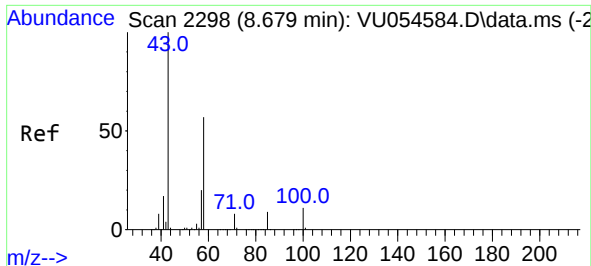
#47
Tetrachloroethene
Concen: 4.769 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59



Tgt Ion: 164 Resp: 84106

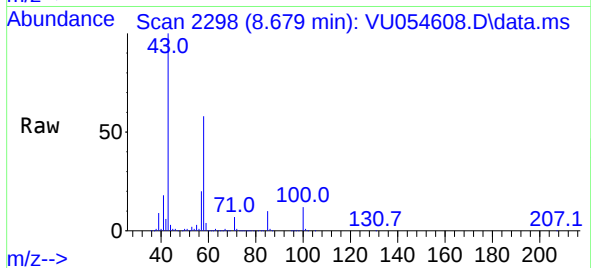
Ion	Ratio	Lower	Upper
164	100		
129	92.5	67.7	125.7
131	89.0	64.6	120.0
166	126.6	88.1	163.7



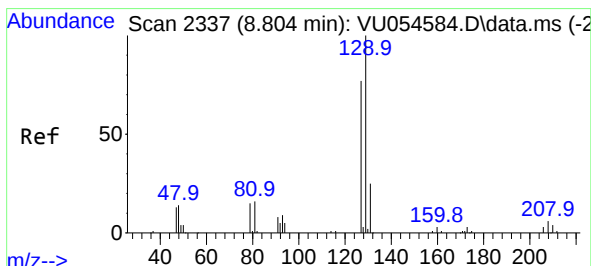
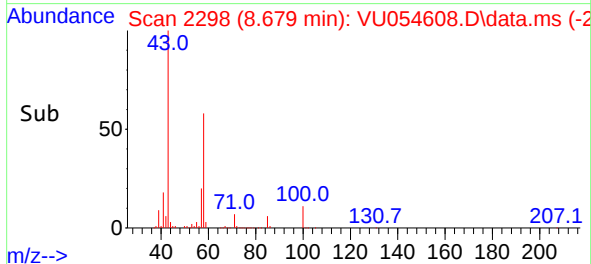
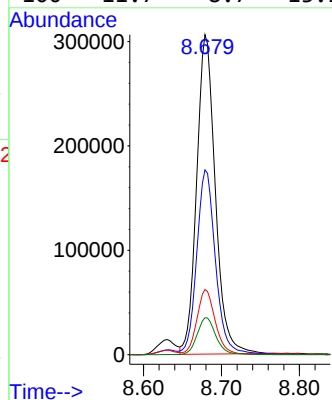


#48
2-Hexanone
Concen: 54.325 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

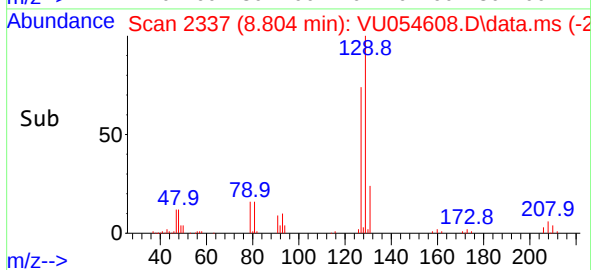
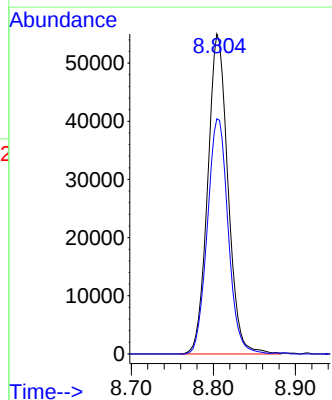
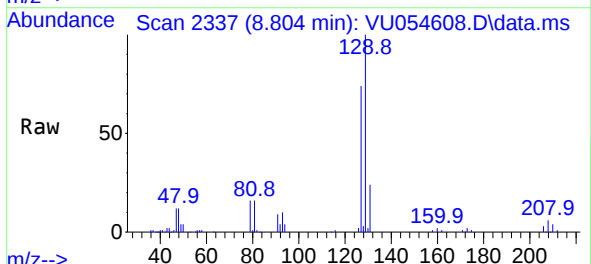


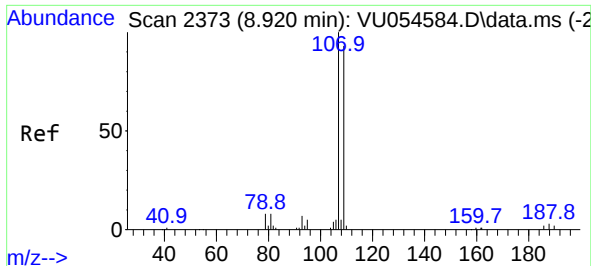
Tgt Ion: 43 Resp: 508857
Ion Ratio Lower Upper
43 100
58 58.2 45.2 67.8
57 19.9 15.8 23.6
100 11.7 8.7 13.1



#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

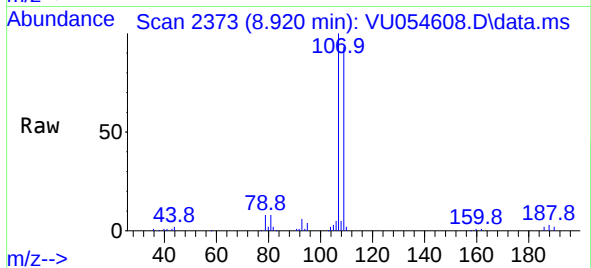
Tgt Ion: 129 Resp: 94380
Ion Ratio Lower Upper
129 100
127 73.5 53.2 98.8



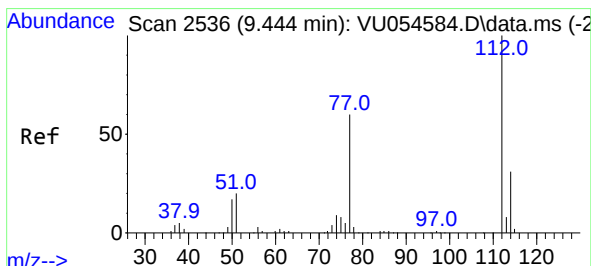
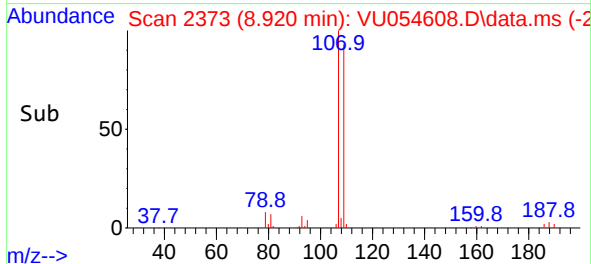
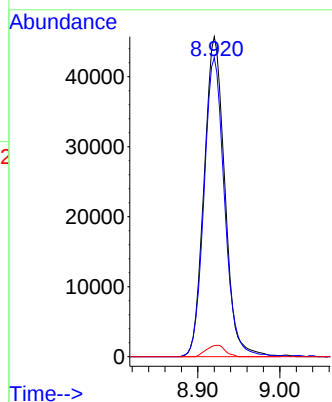


#50
1,2-Dibromoethane
Concen: 5.812 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

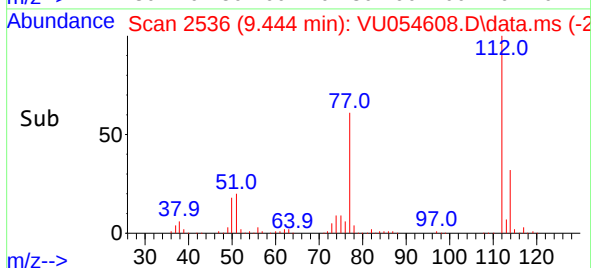
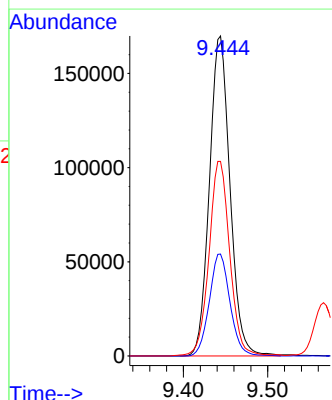
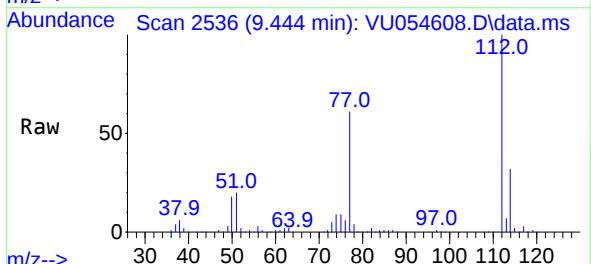


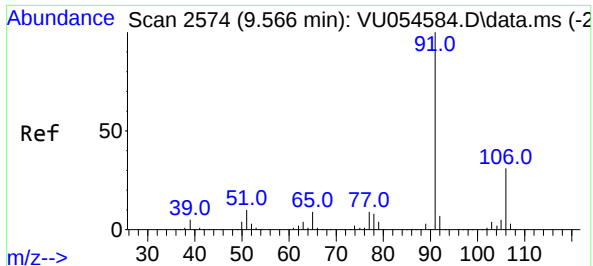
Tgt Ion:107 Resp: 79958
Ion Ratio Lower Upper
107 100
109 93.5 66.6 123.6
188 3.4 3.1 4.7



#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

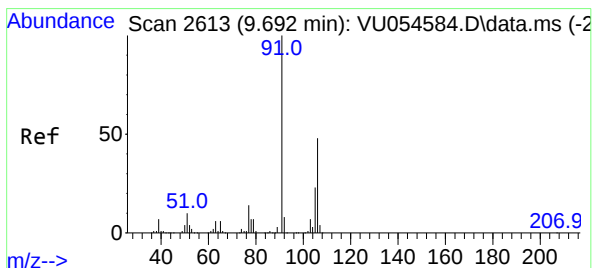
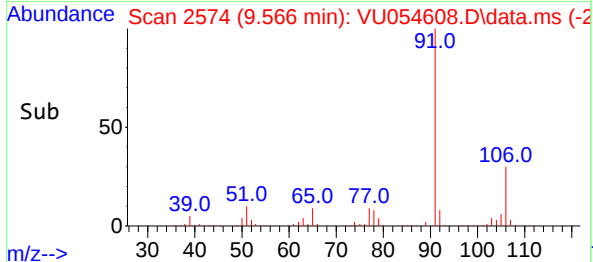
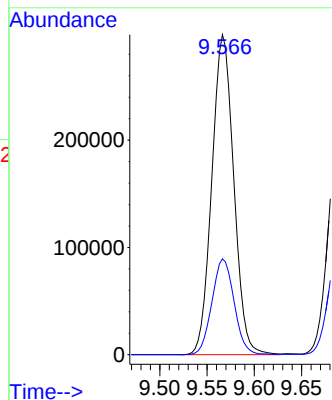
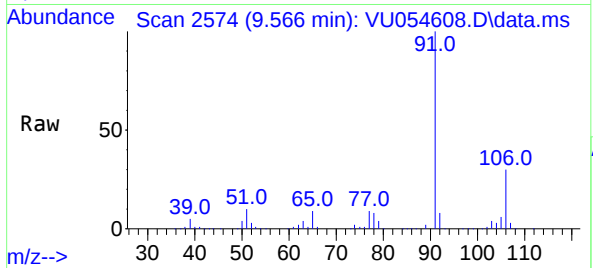




#52
Ethylbenzene
Concen: 4.908 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

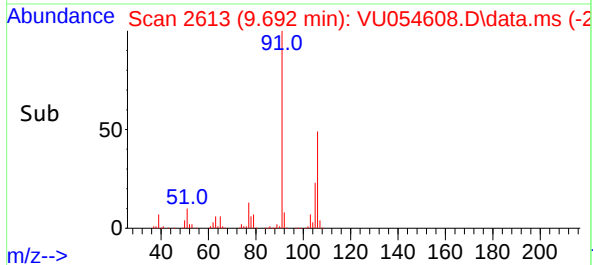
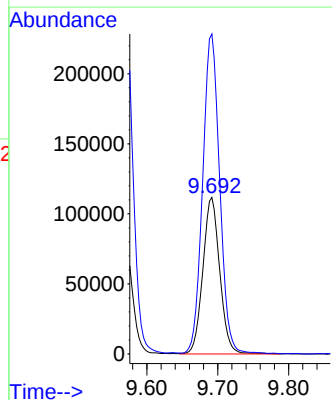
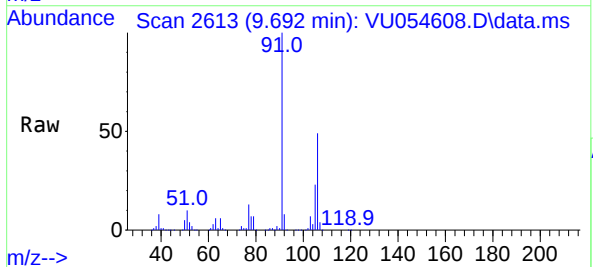
Instrument :
MSVOA_U
ClientSampleId :

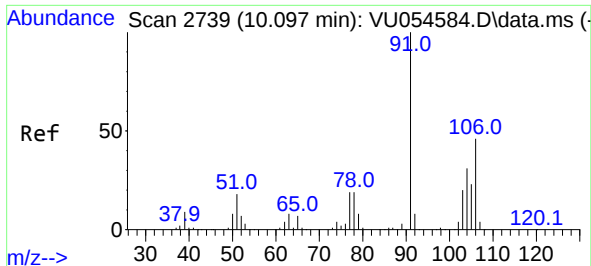
Tgt Ion: 91 Resp: 480945
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#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

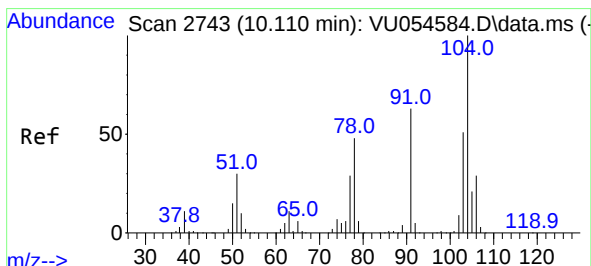
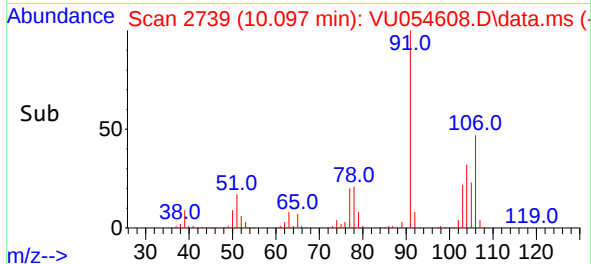
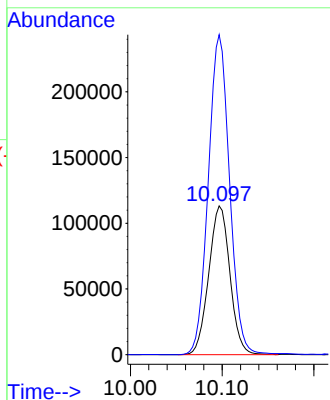
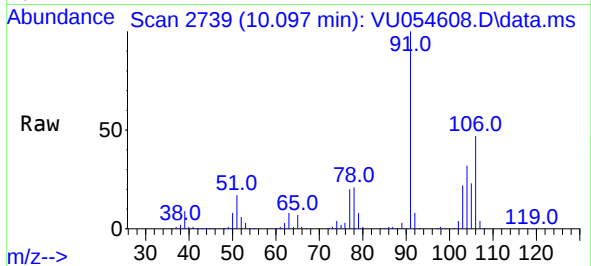




#54
o-Xylene
Concen: 5.230 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

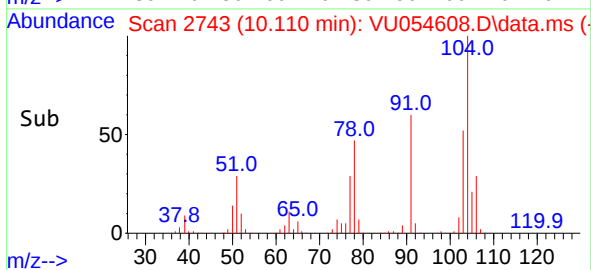
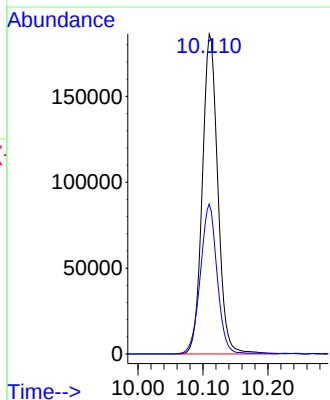
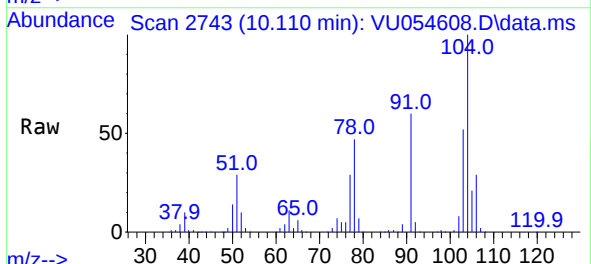
Instrument :
MSVOA_U
ClientSampleId :

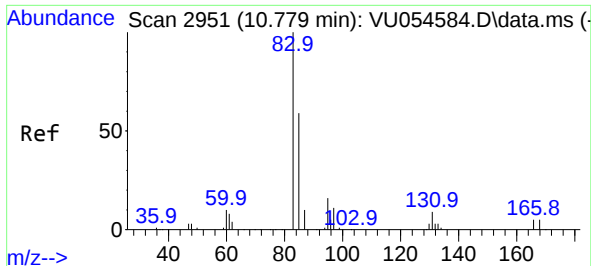
Tgt Ion:106 Resp: 182049
Ion Ratio Lower Upper
106 100
91 215.0 154.5 286.9



#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 :

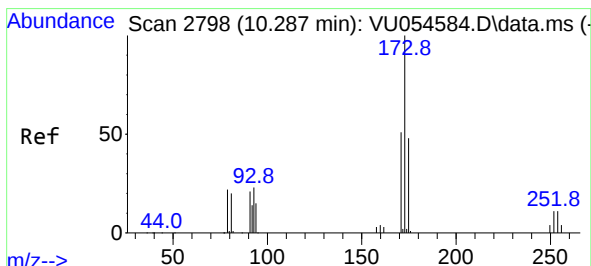
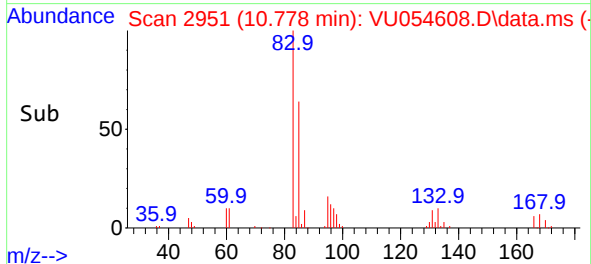
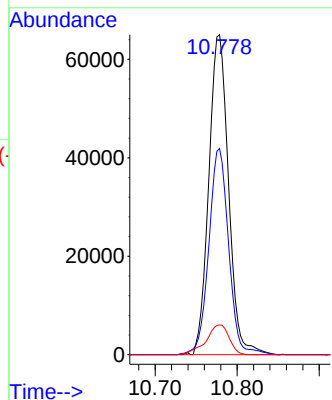
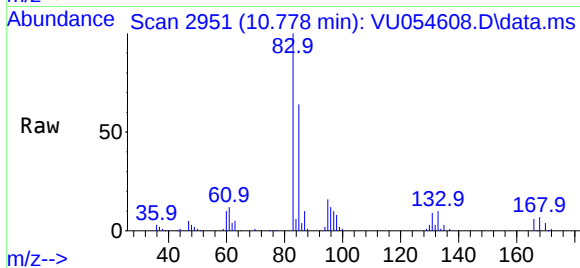
Tgt Ion: 83 Resp: 108963

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

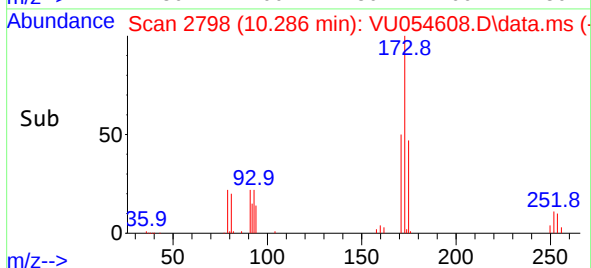
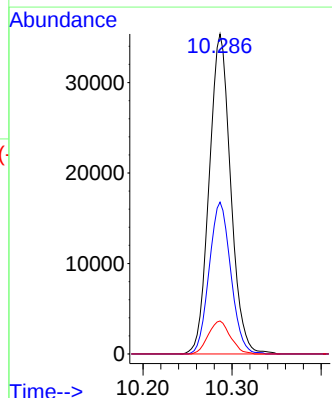
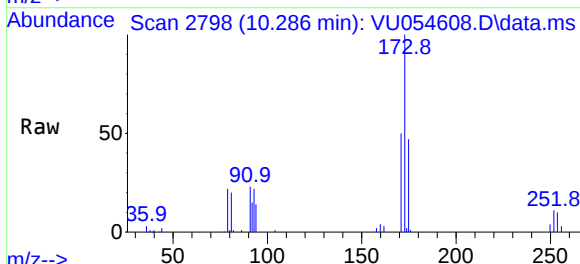
Tgt Ion:173 Resp: 59068

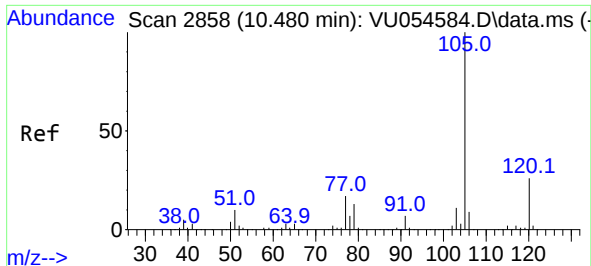
Ion Ratio Lower Upper

173 100

175 47.8 39.4 59.0

254 10.6 8.6 12.8

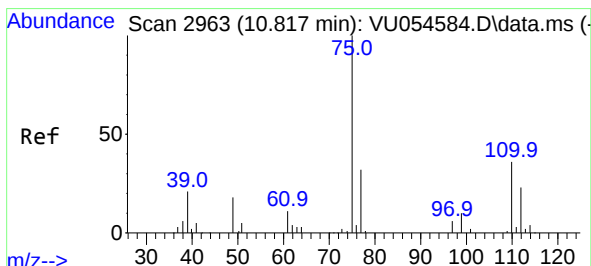
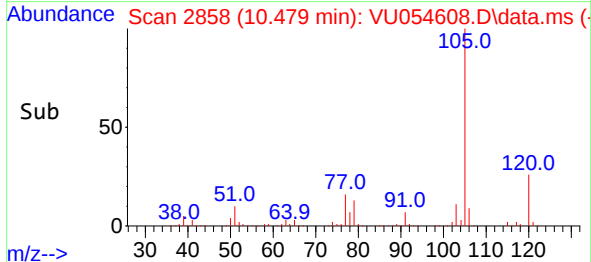
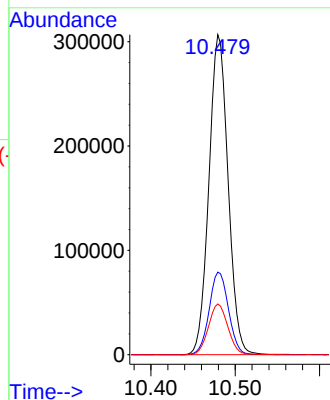
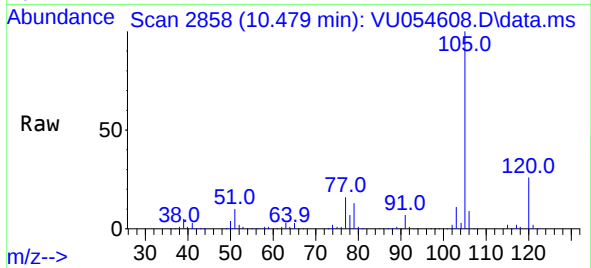




#60
Isopropylbenzene
Concen: 4.965 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

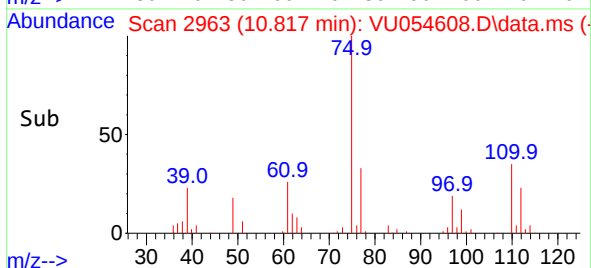
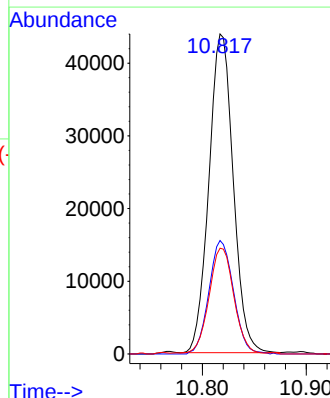
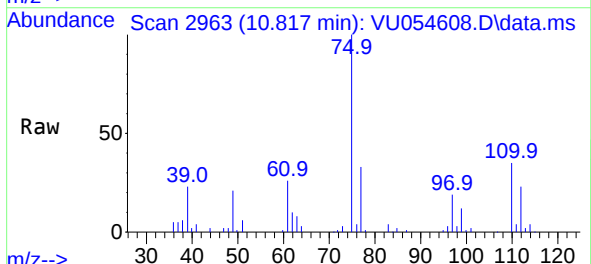
Instrument :
MSVOA_U
ClientSampleId :

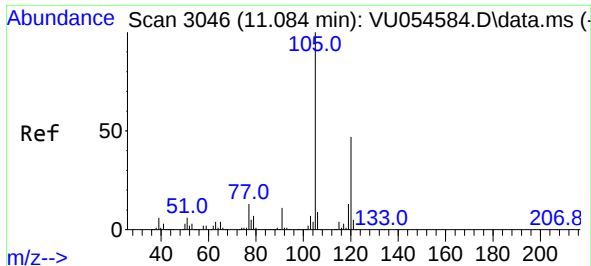
Tgt Ion:105 Resp: 485077
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.1 13.2 19.8



#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

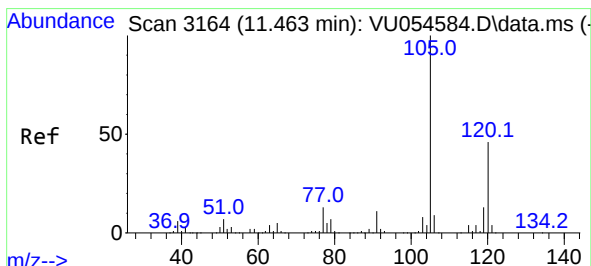
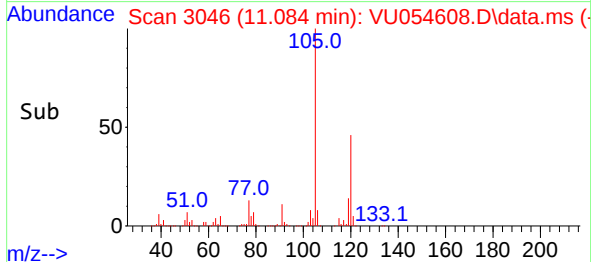
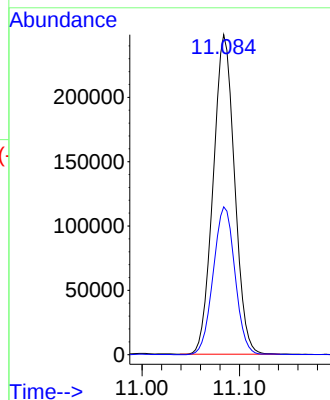
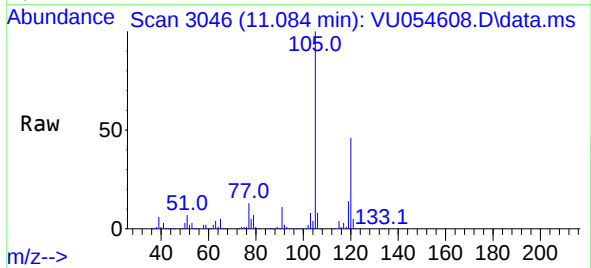




#62
1,3,5-Trimethylbenzene
Concen: 4.750 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

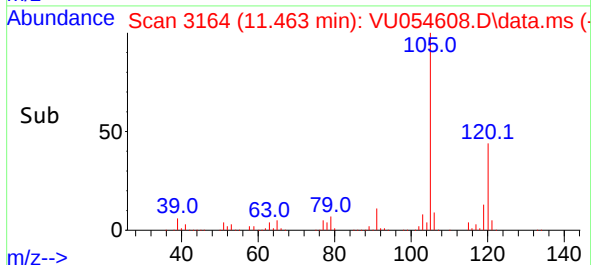
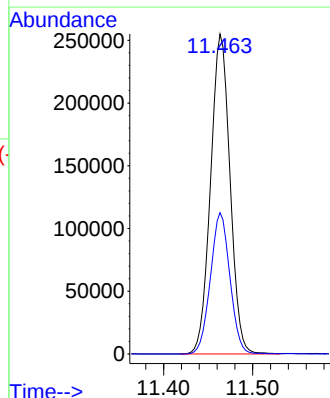
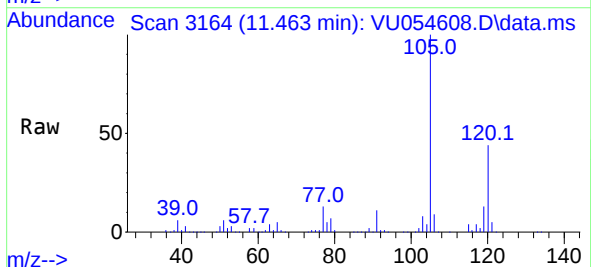
Instrument :
MSVOA_U
ClientSampleId :

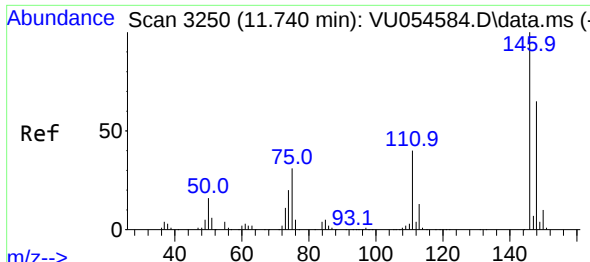
Tgt Ion:105 Resp: 378611
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#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

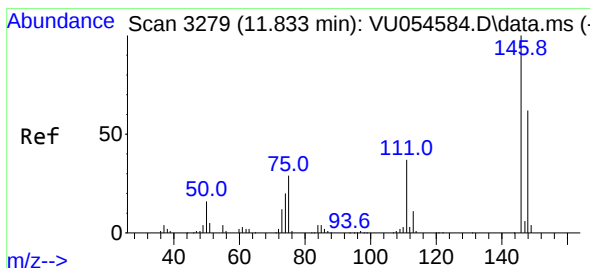
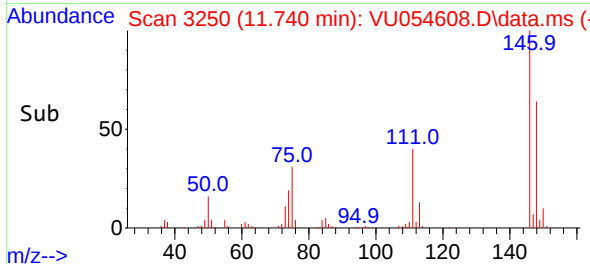
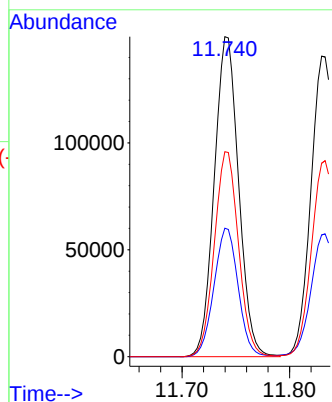
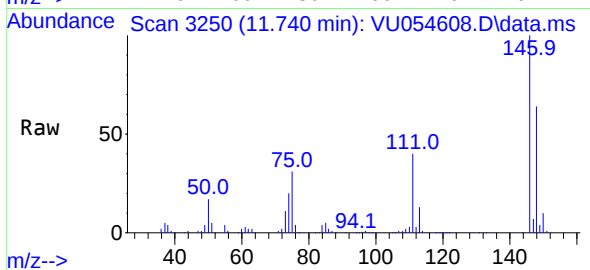




#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

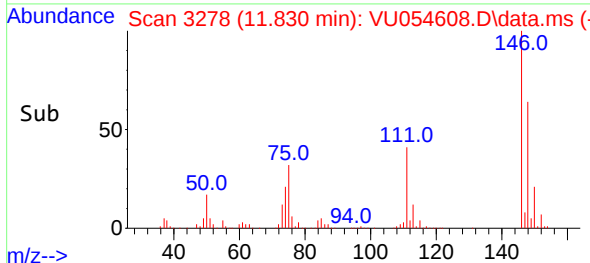
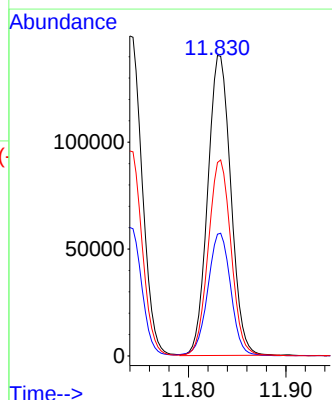
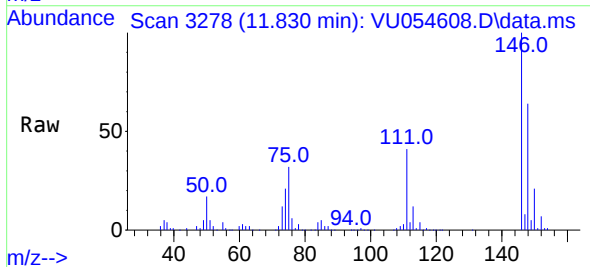
Instrument :
MSVOA_U
ClientSampleId :

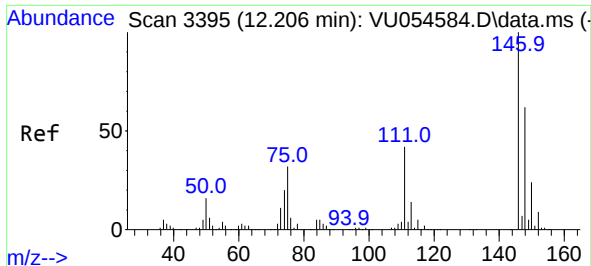
Tgt Ion:146 Resp: 235698
Ion Ratio Lower Upper
146 100
111 40.1 28.9 53.7
148 64.0 44.0 81.8



#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 :

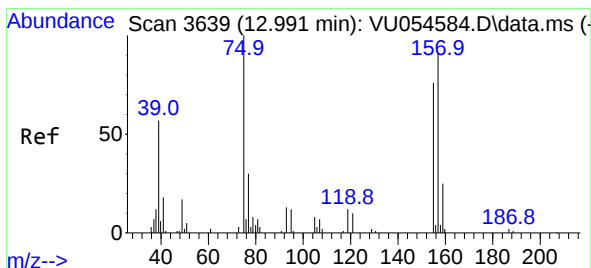
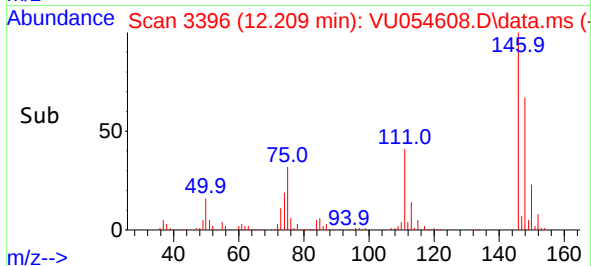
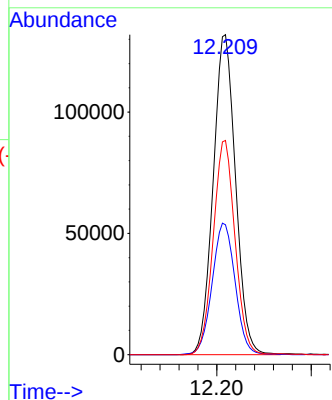
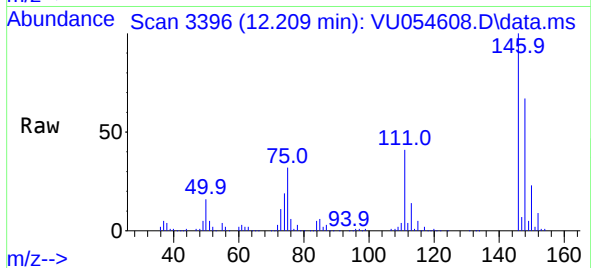
Tgt Ion:146 Resp: 216957

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

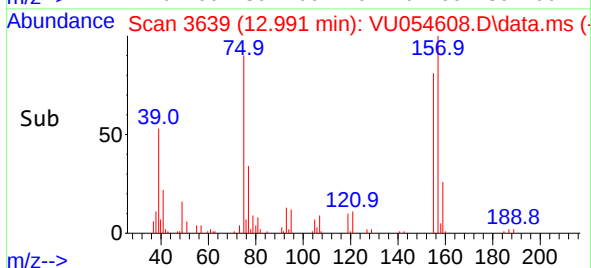
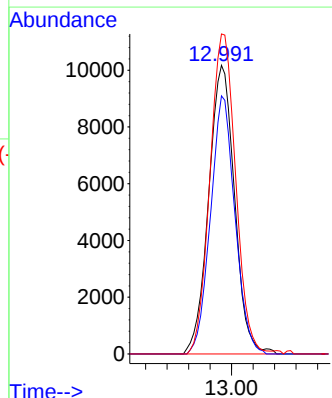
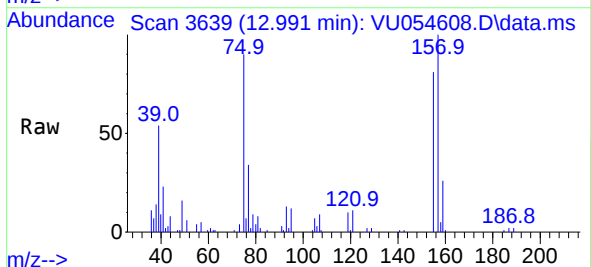
Tgt Ion: 75 Resp: 16996

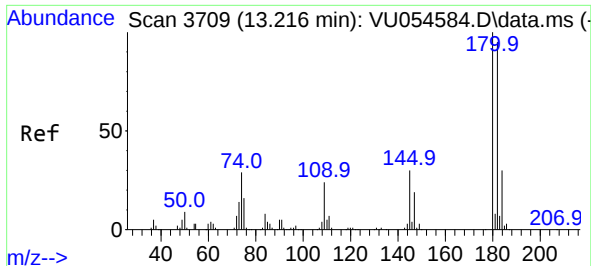
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.000 min

Lab File: VU054608.D

Acq: 19 Jun 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 166336

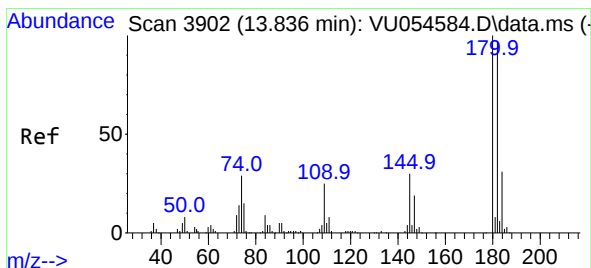
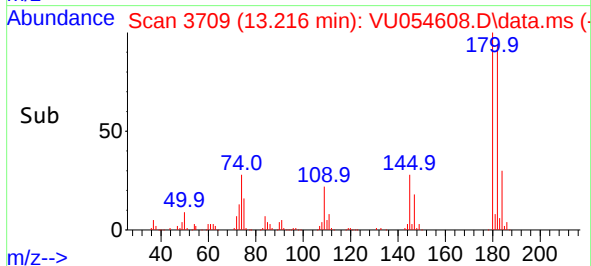
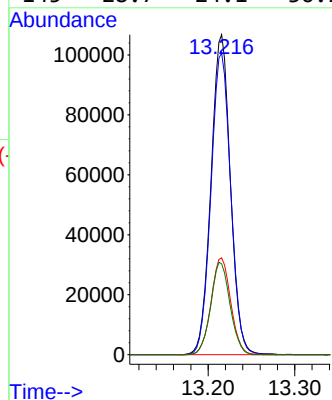
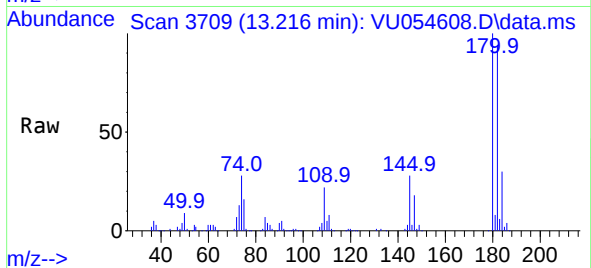
Ion Ratio Lower Upper

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

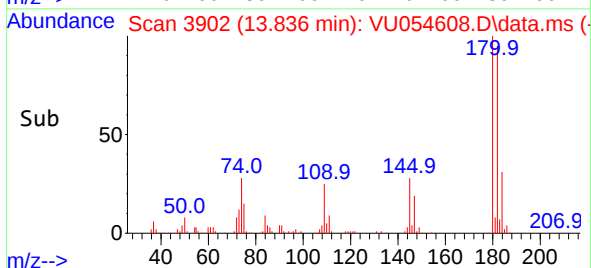
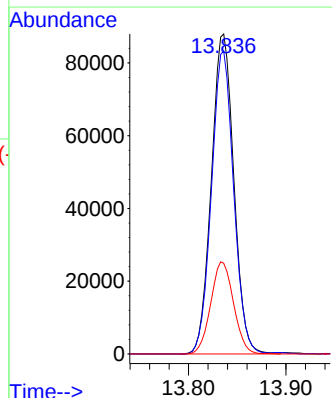
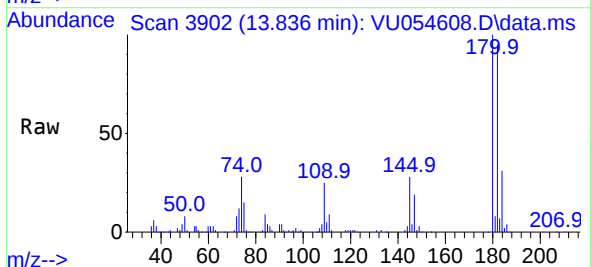
Tgt Ion:180 Resp: 140484

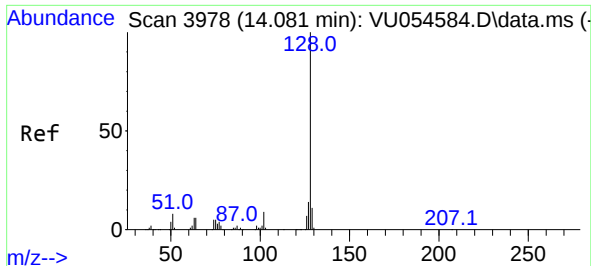
Ion Ratio Lower Upper

180 100

182 93.5 76.6 114.8

145 29.3 24.0 36.0

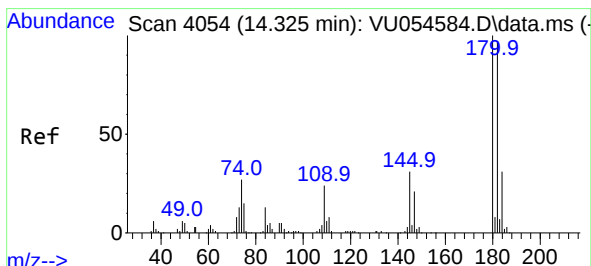
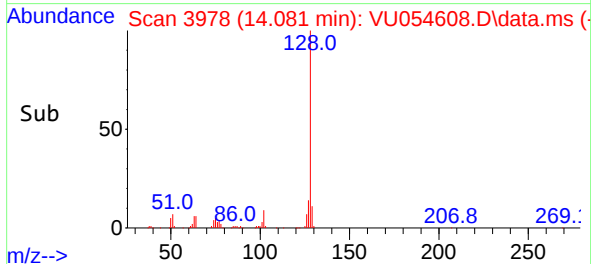
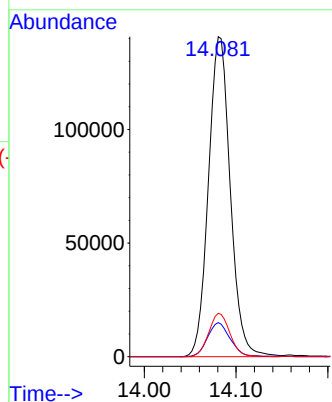
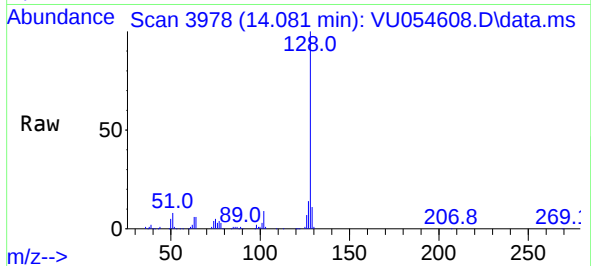




#71
Naphthalene
Concen: 5.032 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU054608.D
Acq: 19 Jun 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :

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

